

Data File : VF059479.D
Acq On : 10 Jul 2018 12:25
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
7/11/2018 11:11:46 AM

Quant Time: Jul 12 01:44:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	289660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	412706	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	409279	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	250173	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.99	65	224447	44.55	ug/l	0.00	apatel
Spiked Amount	50.000		Recovery	=	89.10%		
35) Dibromofluoromethane	4.27	113	182258	46.03	ug/l	0.01	
Spiked Amount	50.000		Recovery	=	92.06%		
50) Toluene-d8	7.68	98	475764	51.07	ug/l	0.00	7/11/2018 11:11:46 AM
Spiked Amount	50.000		Recovery	=	102.14%		
62) 4-Bromofluorobenzene	11.50	95	247383	47.61	ug/l	0.01	
Spiked Amount	50.000		Recovery	=	95.22%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	178495	43.752	ug/l	100
3) Chloromethane	1.08	50	98281	48.840	ug/l	98
4) Vinyl Chloride	1.14	62	105822	50.348	ug/l	97
5) Bromomethane	1.33	94	71879	44.575	ug/l	83
6) Chloroethane	1.41	64	55760	50.319	ug/l	91
7) Trichlorofluoromethane	1.52	101	230312m	51.612	ug/l	
8) Diethyl Ether	1.69	74	45426	48.552	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	1.88	101	104774	43.333	ug/l	96
10) Methyl Iodide	1.94	142	211433	46.967	ug/l	96
11) Tert butyl alcohol	2.67	59	50101	218.292	ug/l #	94
12) 1,1-Dichloroethene	1.84	96	101517	46.375	ug/l	84
13) Acrolein	2.08	56	62729	352.730	ug/l	100
14) Allyl chloride	2.17	41	177922	46.808	ug/l	84
15) Acrylonitrile	3.06	53	103895	247.910	ug/l	98
16) Acetone	2.33	43	247915	328.984	ug/l	96
17) Carbon Disulfide	1.86	76	286278	49.713	ug/l #	94
18) Methyl Acetate	2.44	43	78525	44.880	ug/l	93
19) Methyl tert-butyl Ether	2.52	73	325570	45.644	ug/l	97
20) Methylene Chloride	2.30	84	103183	47.822	ug/l	88
21) trans-1,2-Dichloroethene	2.40	96	106138	45.557	ug/l	97
22) Diisopropyl ether	2.91	45	367949	46.726	ug/l	97
23) Vinyl Acetate	3.31	43	1179662	258.037	ug/l	99
24) 1,1-Dichloroethane	2.98	63	235522	44.729	ug/l	99
25) 2-Butanone	4.49	43	292237	284.614	ug/l	98
26) 2,2-Dichloropropane	3.74	77	167626	55.227	ug/l	98
27) cis-1,2-Dichloroethene	3.61	96	140774	49.166	ug/l	93
28) Bromochloromethane	3.87	49	108452	49.627	ug/l	100
29) Tetrahydrofuran	4.23	42	120793	250.969	ug/l	98
30) Chloroform	4.00	83	328595	44.102	ug/l	96
31) Cyclohexane	3.84	56	154340	50.545	ug/l	98
32) 1,1,1-Trichloroethane	4.24	97	252189	44.011	ug/l	94
36) 1,1-Dichloropropene	4.43	75	208990	47.945	ug/l	98
37) Ethyl Acetate	4.26	43	126915	49.615	ug/l	92
38) Carbon Tetrachloride	4.14	117	284697m	45.701	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.60	83	187898	51.323	ug/l	98
40) Benzene	4.78	78	430878	50.441	ug/l	94
41) Methacrylonitrile	4.90	41	62393	53.097	ug/l	92
42) 1,2-Dichloroethane	5.09	62	274370	44.329	ug/l	99
43) Isopropyl Acetate	7.09	43	158677	54.186	ug/l	96
44) Trichloroethene	5.65	130	151315	48.020	ug/l	94
45) 1,2-Dichloropropane	6.38	63	118479	48.306	ug/l	96
46) Dibromomethane	6.23	93	105103	46.746	ug/l	98
47) Bromodichloromethane	6.52	83	273888	47.873	ug/l	93
48) Methyl methacrylate	6.85	41	111280	53.253	ug/l	97
49) 1,4-Dioxane	6.84	88	8984	947.276	ug/l #	72
51) 4-Methyl-2-Pentanone	8.38	43	558183	255.815	ug/l	96
52) Toluene	7.75	92	316274	49.575	ug/l	99
53) t-1,3-Dichloropropene	8.40	75	245449	49.549	ug/l	99
54) cis-1,3-Dichloropropene	7.43	75	261804	52.947	ug/l	99
55) 1,1,2-Trichloroethane	8.62	97	117158	47.071	ug/l	95
56) Ethyl methacrylate	8.73	69	155661	55.283	ug/l	97
57) 1,3-Dichloropropane	8.97	76	211588	49.766	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.76	63	60136	223.011	ug/l	100
59) 2-Hexanone	9.61	43	463852	286.012	ug/l	99
60) Dibromochloromethane	8.84	129	205522	49.559	ug/l	99
61) 1,2-Dibromoethane	9.11	107	145477	47.567	ug/l	98
64) Tetrachloroethene	8.28	164	159226	46.449	ug/l	96
65) Chlorobenzene	9.92	112	400752	50.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.05	131	175029	47.633	ug/l	95
67) Ethyl Benzene	10.02	91	693114	49.981	ug/l	97
68) m/p-Xylenes	10.24	106	484172	99.072	ug/l	94
69) o-Xylene	10.81	106	275900	52.450	ug/l	90
70) Styrene	10.88	104	405774	49.499	ug/l	96
71) Bromoform	10.87	173	127001	50.179	ug/l	98
73) Isopropylbenzene	11.21	105	796169	52.357	ug/l	100
74) N-amyl acetate	11.45	43	275281	59.301	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.77	83	170847	49.429	ug/l	98
76) 1,2,3-Trichloropropane	11.87	75	136104	48.364	ug/l	100
77) Bromobenzene	11.57	156	215563	51.233	ug/l	97
78) n-propylbenzene	11.67	91	920370	50.402	ug/l	98
79) 2-Chlorotoluene	11.80	91	573721	50.780	ug/l	95
80) 1,3,5-Trimethylbenzene	11.90	105	661282	49.074	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	81819	56.046	ug/l	91
82) 4-Chlorotoluene	11.98	91	609395	50.893	ug/l	95
83) tert-Butylbenzene	12.20	119	692903	52.870	ug/l	92
84) 1,2,4-Trimethylbenzene	12.27	105	719358	50.765	ug/l	97
85) sec-Butylbenzene	12.37	105	898339	50.788	ug/l	100
86) p-Isopropyltoluene	12.52	119	789619	52.196	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	374805	47.021	ug/l	97
88) 1,4-Dichlorobenzene	12.63	146	380275	48.994	ug/l	97
89) n-Butylbenzene	12.90	91	783978	53.193	ug/l	100
90) Hexachloroethane	12.98	117	189752	48.276	ug/l	97
91) 1,2-Dichlorobenzene	13.00	146	383289	48.492	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.70	75	43117	49.819	ug/l	93

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF071018\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	311838	53.108	ug/l	97
94) Hexachlorobutadiene	14.25	225	194918	54.791	ug/l	96
95) Naphthalene	14.51	128	637265	54.611	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	297528	52.235	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed apatel

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Data File : VF059479.D

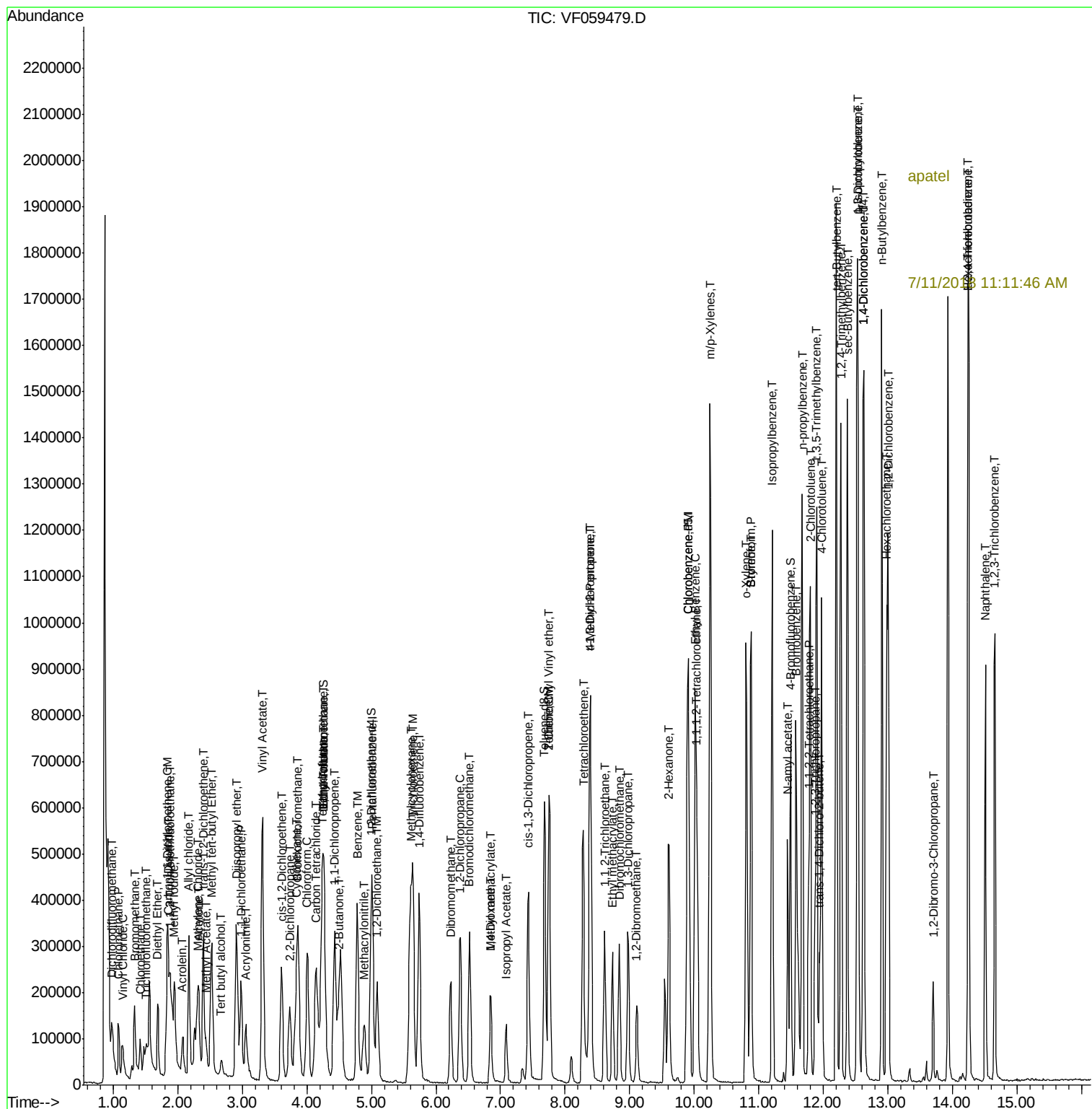
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Sample      : VSTDCCC050
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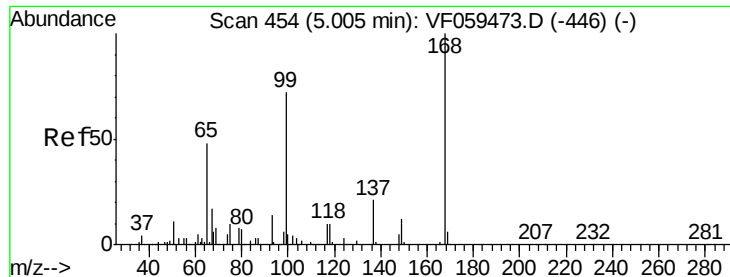
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.00 min

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Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 289660

Ion Ratio Lower Upper

168 100

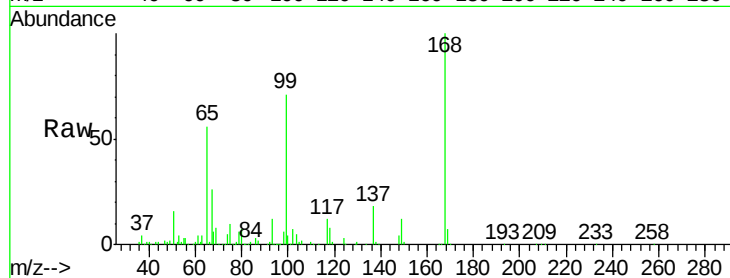
99 71.3 57.7 86.5

Manual Integrations

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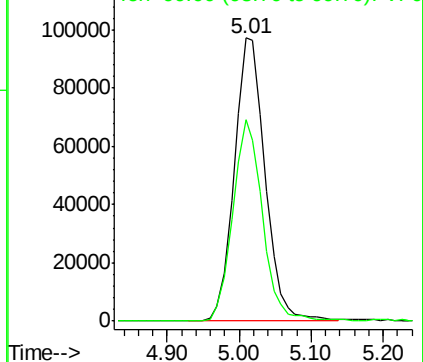
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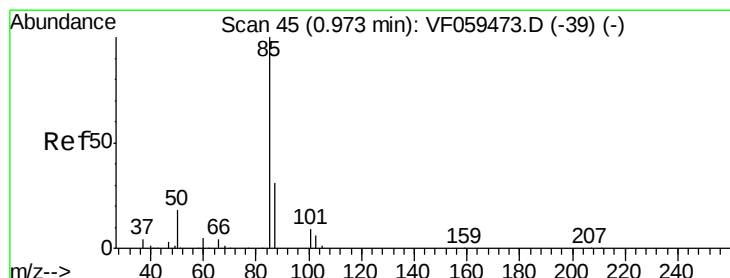
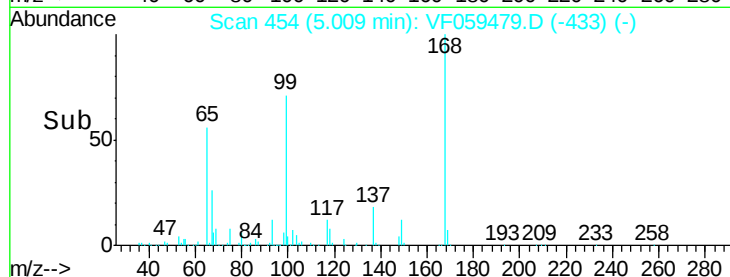
Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



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#2

Dichlorodifluoromethane

Concen: 43.752 ug/l

RT: 0.98 min Scan# 45

Delta R.T. 0.00 min

Lab File: VF059479.D

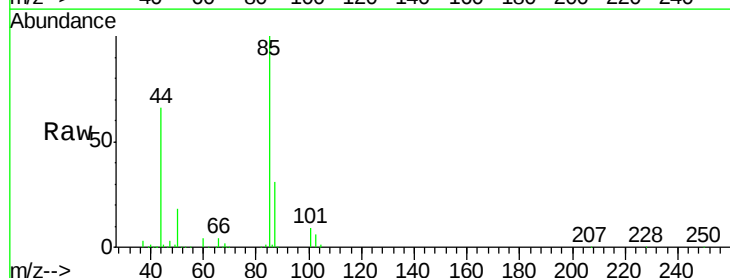
Acq: 10 Jul 2018 12:25

Tgt Ion: 85 Resp: 178495

Ion Ratio Lower Upper

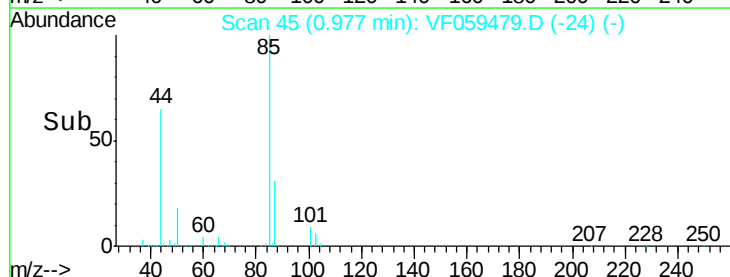
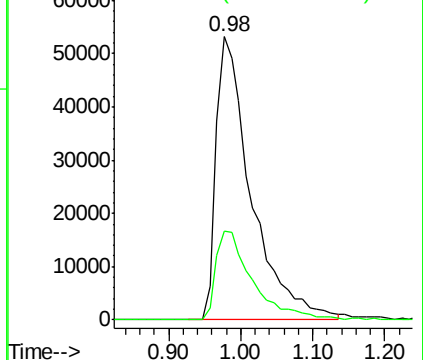
85 100

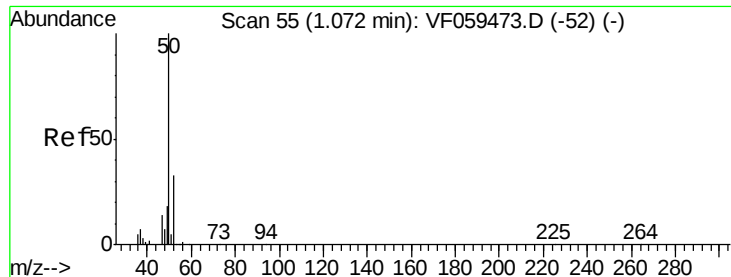
87 31.3 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 48.840 ug/l

RT: 1.08 min Scan# 55

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 98281

Ion Ratio Lower Upper

50 100

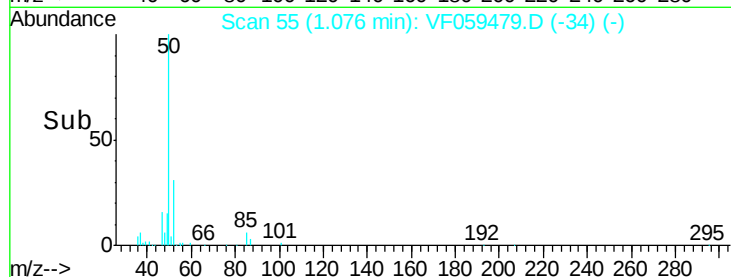
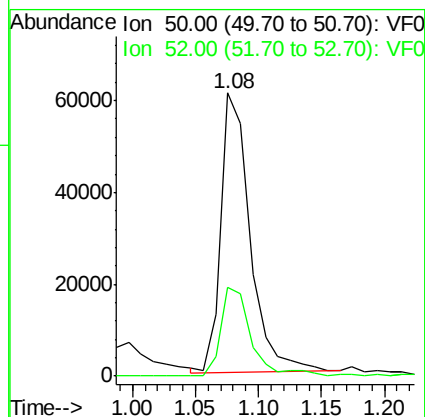
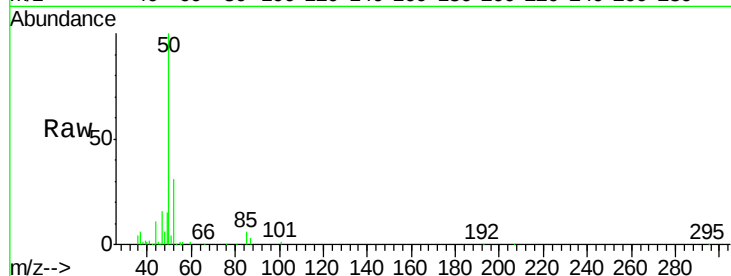
52 31.2 25.9 38.9

Manual Integrations

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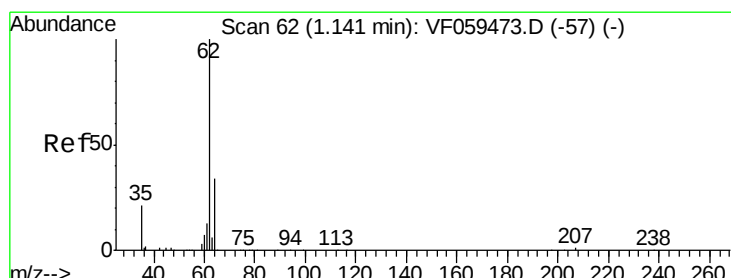
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#4

Vinyl Chloride

Concen: 50.348 ug/l

RT: 1.14 min Scan# 62

Delta R.T. 0.00 min

Lab File: VF059479.D

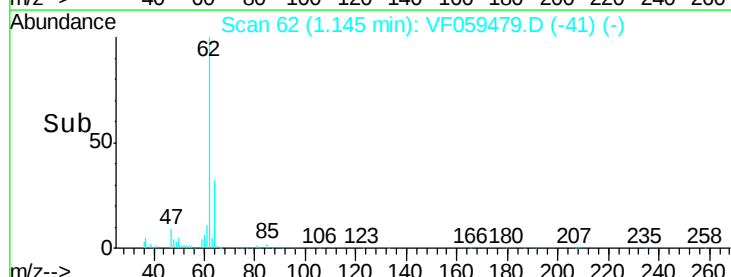
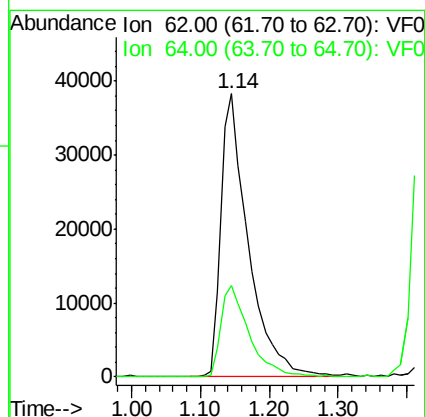
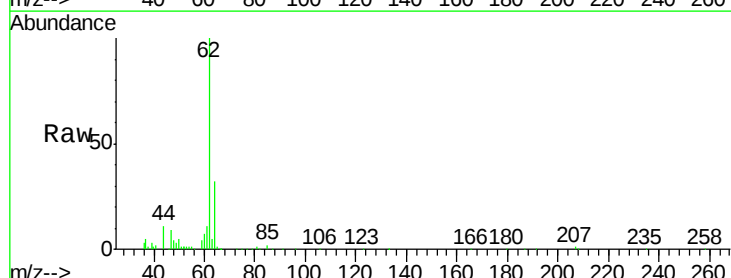
Acq: 10 Jul 2018 12:25

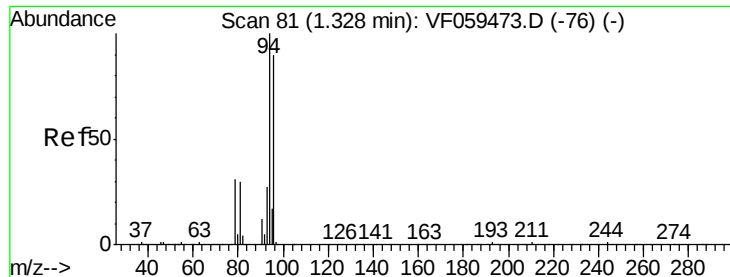
Tgt Ion: 62 Resp: 105822

Ion Ratio Lower Upper

62 100

64 32.4 27.3 40.9





#5

Bromomethane

Concen: 44.575 ug/l

RT: 1.33 min Scan# 81

Delta R.T. 0.00 min

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Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 71879

Ion Ratio Lower Upper

94 100

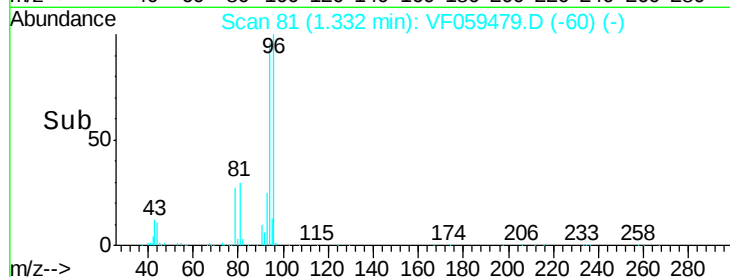
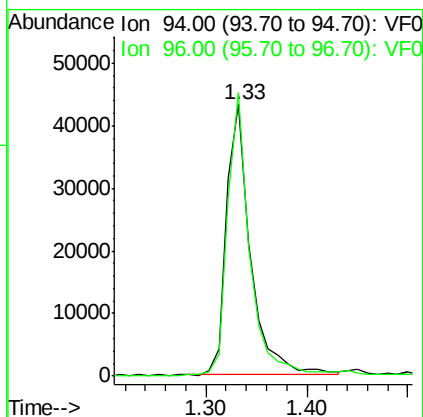
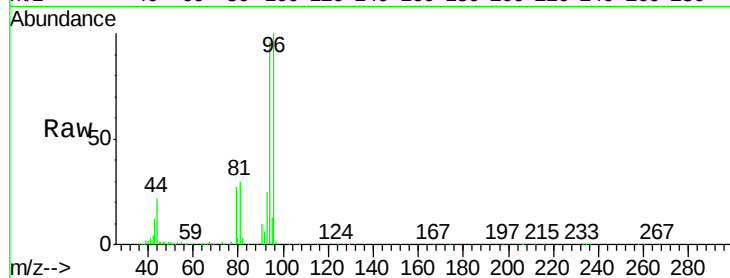
96 105.8 72.0 108.0

Manual Integrations

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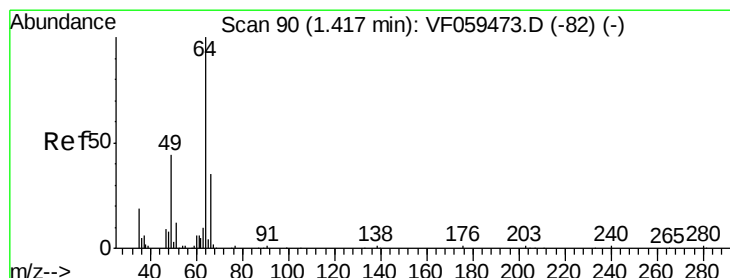
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#6

Chloroethane

Concen: 50.319 ug/l

RT: 1.41 min Scan# 89

Delta R.T. -0.01 min

Lab File: VF059479.D

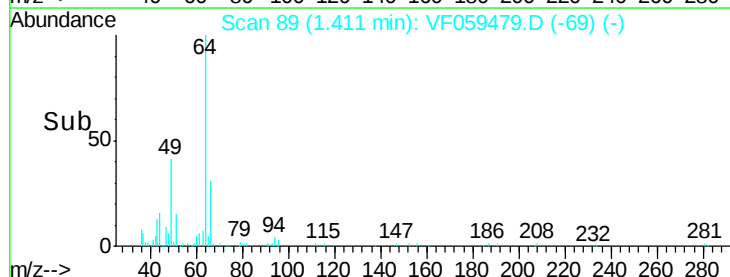
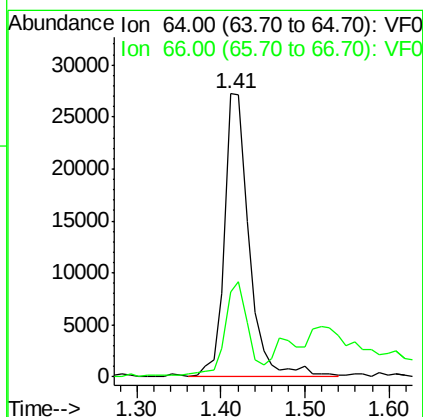
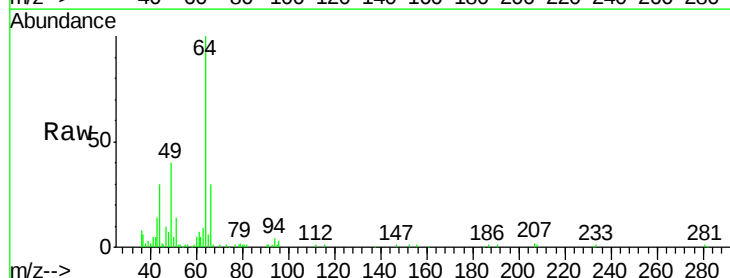
Acq: 10 Jul 2018 12:25

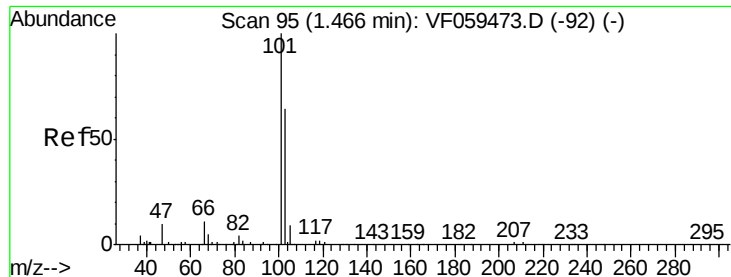
Tgt Ion: 64 Resp: 55760

Ion Ratio Lower Upper

64 100

66 30.1 28.1 42.1





#7

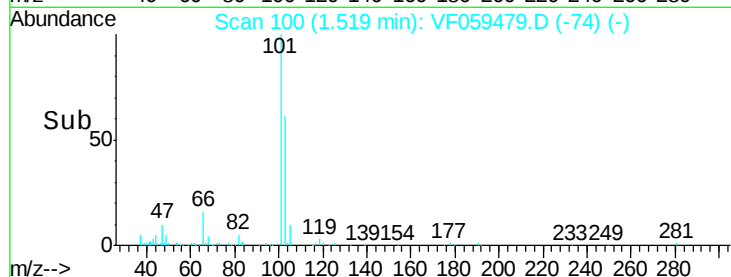
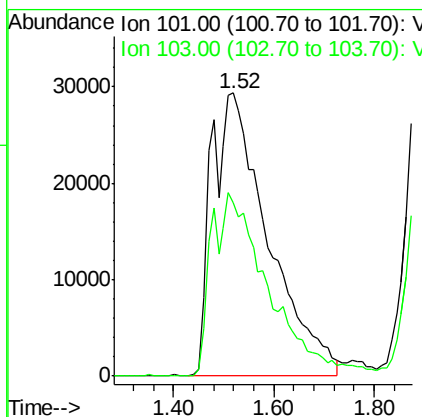
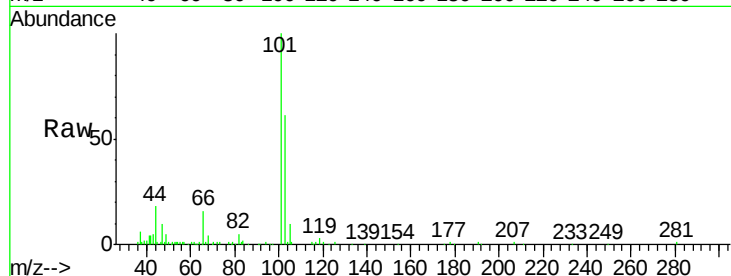
Trichlorofluoromethane
Concen: 51.612 ug/l m
RT: 1.52 min Scan# 100
Delta R.T. 0.05 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

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Tgt Ion: 101 Resp: 230312
Ion Ratio Lower Upper
101 100
103 61.1 51.2 76.8

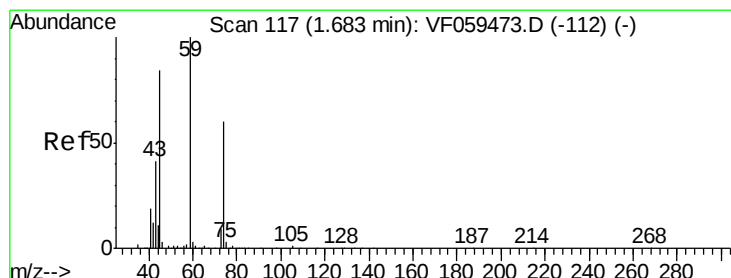
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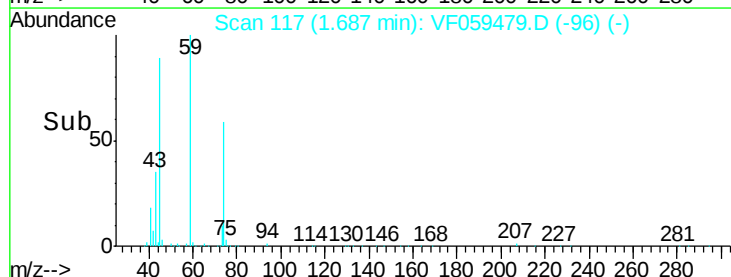
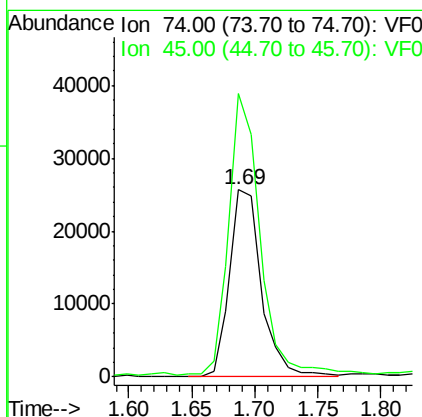
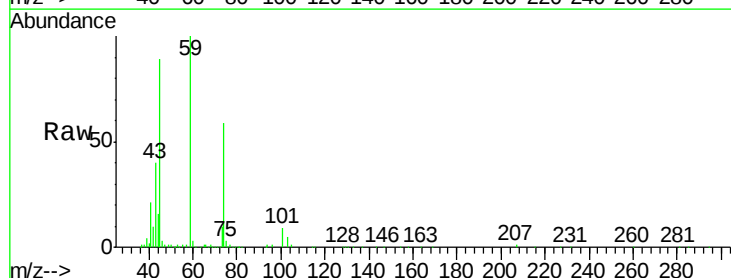
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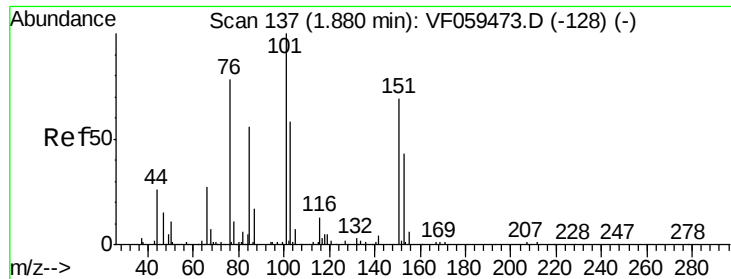


#8

Diethyl Ether
Concen: 48.552 ug/l
RT: 1.69 min Scan# 117
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion: 74 Resp: 45426
Ion Ratio Lower Upper
74 100
45 151.3 71.1 213.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.333 ug/l

RT: 1.88 min Scan# 137

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

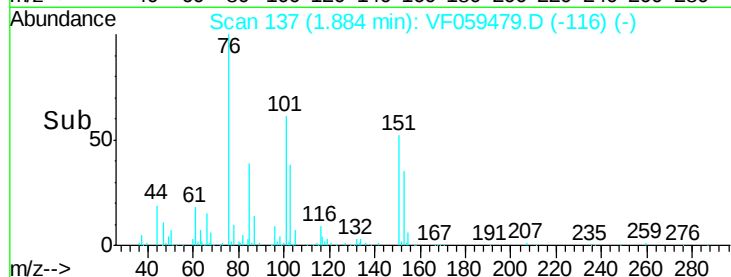
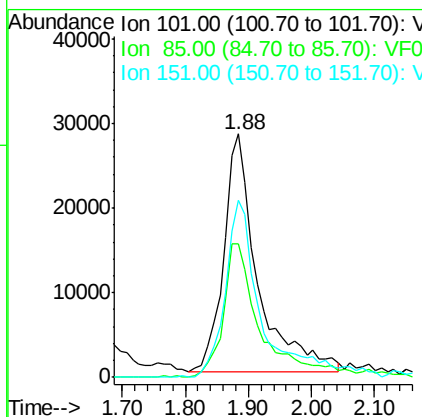
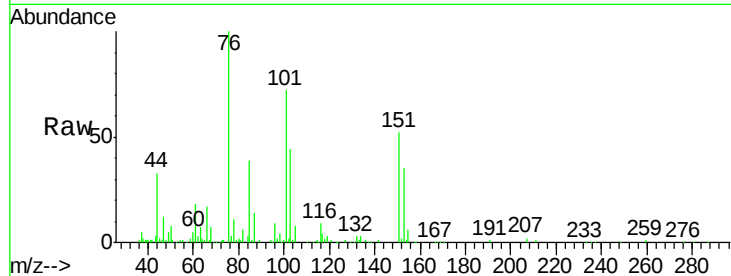
VSTDCCC050

Tgt Ion:	101	Resp:	104774
Ion Ratio	Lower	Upper	
101	100		
85	54.9	43.8	65.8
151	72.9	54.2	81.4

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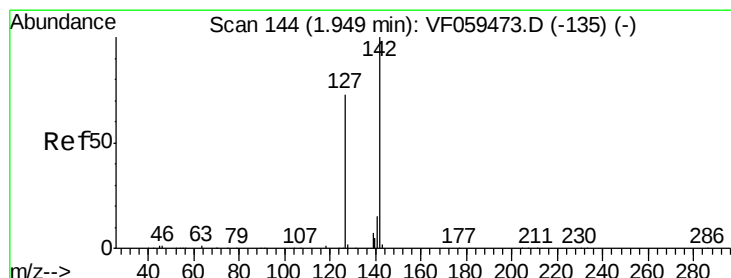
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#10

Methyl Iodide

Concen: 46.967 ug/l

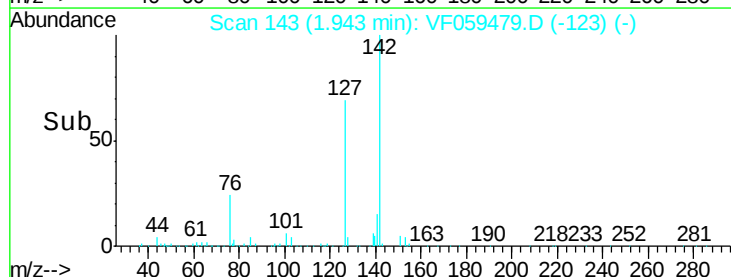
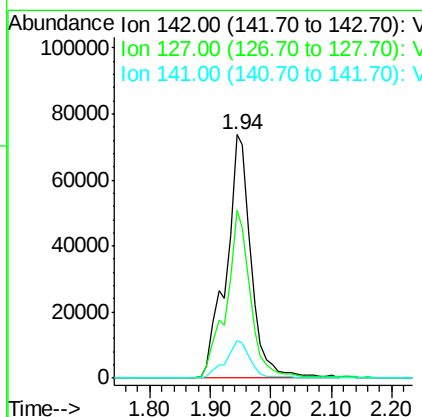
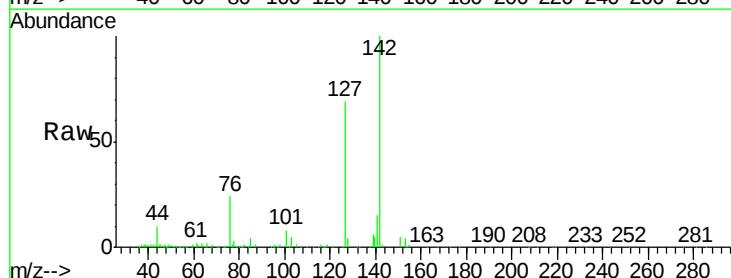
RT: 1.94 min Scan# 143

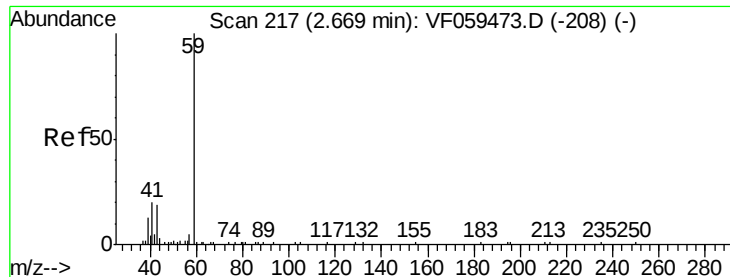
Delta R.T. -0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion:	142	Resp:	211433
Ion Ratio	Lower	Upper	
142	100		
127	69.2	58.2	87.2
141	15.2	11.7	17.5





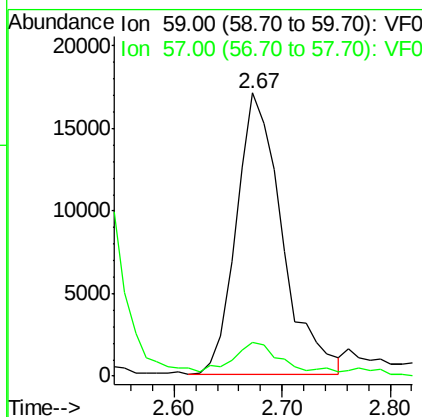
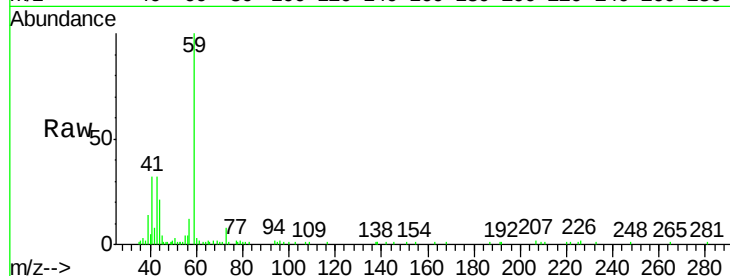
#11
Tert butyl alcohol
Concen: 218.292 ug/l
RT: 2.67 min Scan# 217
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 50101
Ion Ratio Lower Upper
59 100
57 11.8 7.8 11.8#

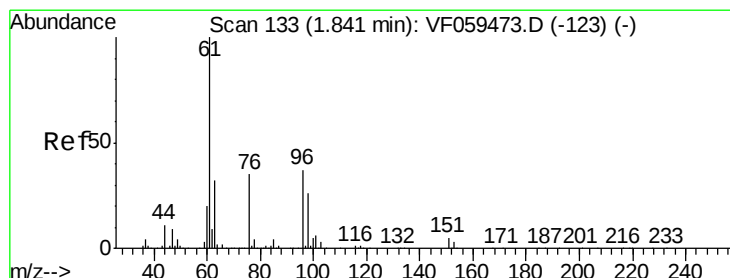
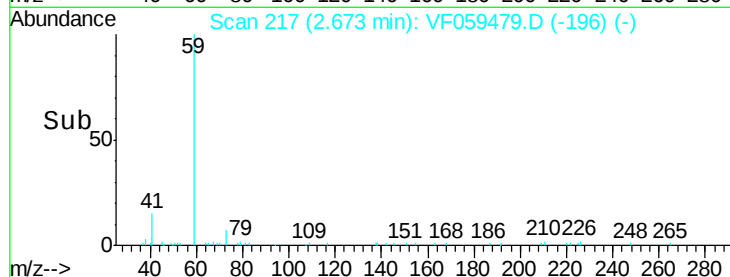
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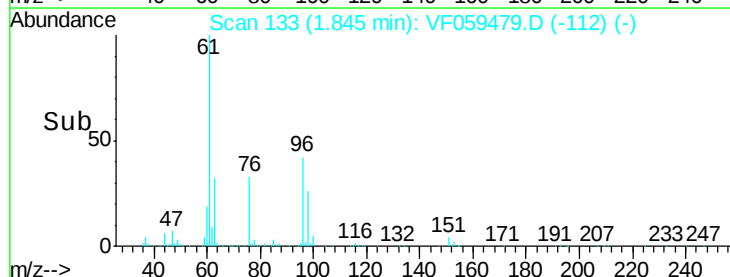
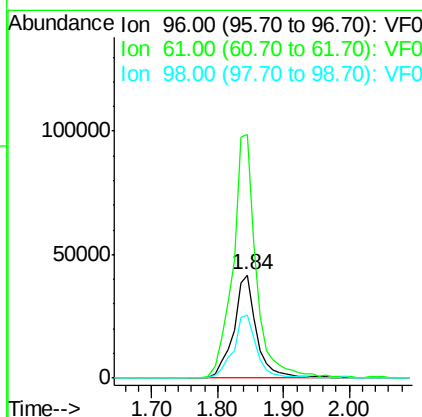
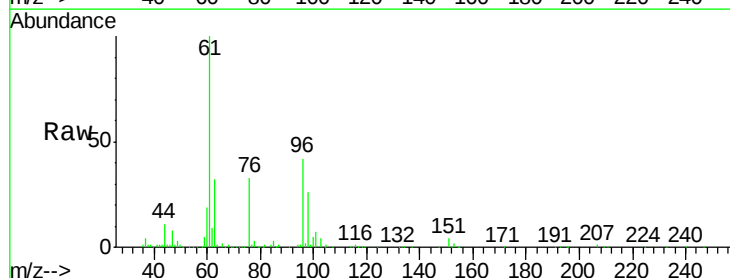
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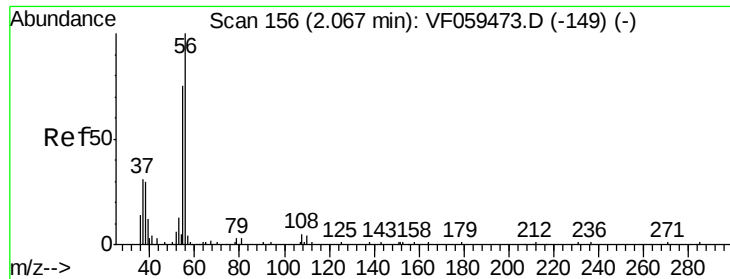
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#12
1,1-Dichloroethene
Concen: 46.375 ug/l
RT: 1.84 min Scan# 133
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion: 96 Resp: 101517
Ion Ratio Lower Upper
96 100
61 236.5 214.4 321.6
98 61.8 55.6 83.4





#13

Acrolein

Concen: 352.730 ug/l

RT: 2.08 min Scan# 157

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 62729

Ion Ratio Lower Upper

56 100

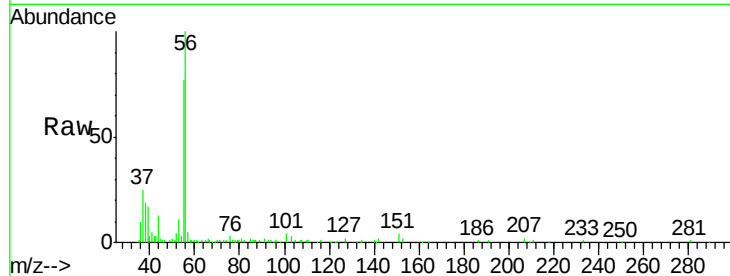
55 76.6 61.2 91.8

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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

30000

25000

20000

15000

10000

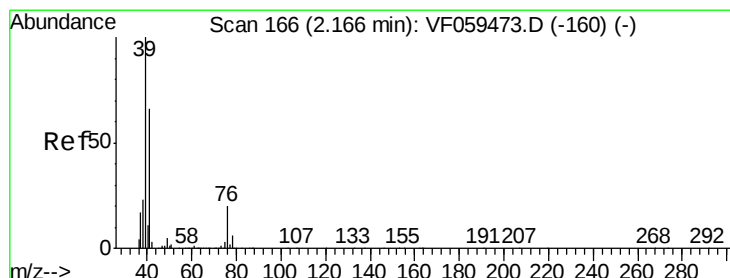
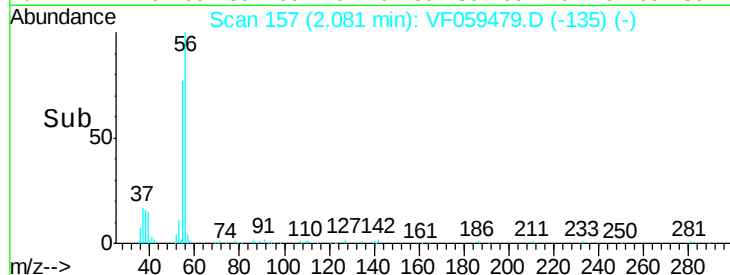
5000

0

Time-->

2.00 2.10 2.20 2.30

2.08



#14

Allyl chloride

Concen: 46.808 ug/l

RT: 2.17 min Scan# 166

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

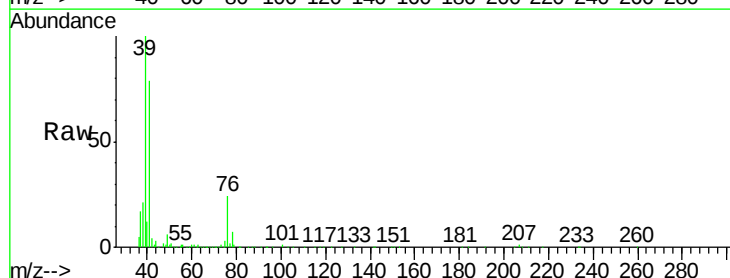
Tgt Ion: 41 Resp: 177922

Ion Ratio Lower Upper

41 100

39 126.3 120.7 181.1

76 30.0 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0

100000

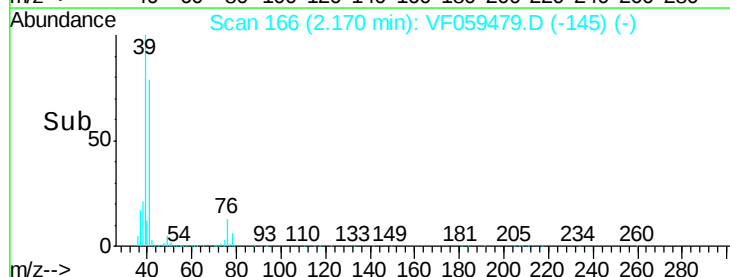
50000

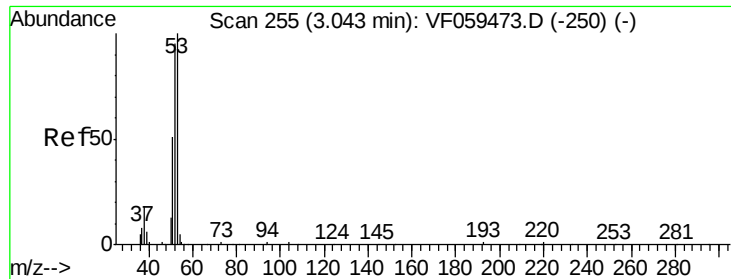
0

Time-->

2.10 2.20 2.30

2.17





#15

Acrylonitrile

Concen: 247.910 ug/l

RT: 3.06 min Scan# 256

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

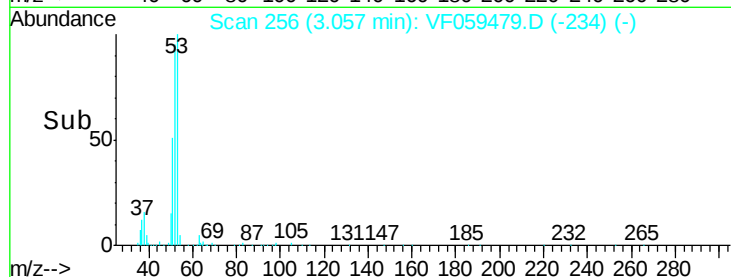
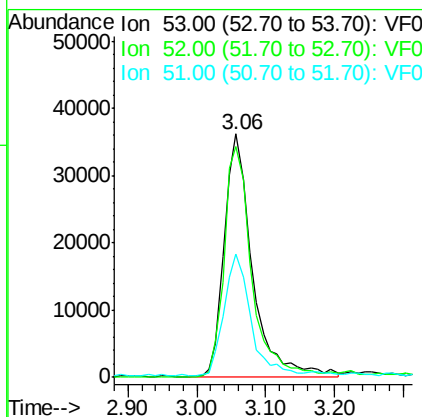
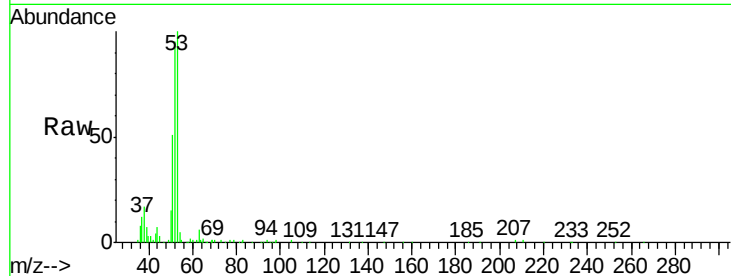
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	103895
Ion Ratio	Lower	Upper	
53	100		
52	94.6	76.8	115.2
51	50.7	41.8	62.8

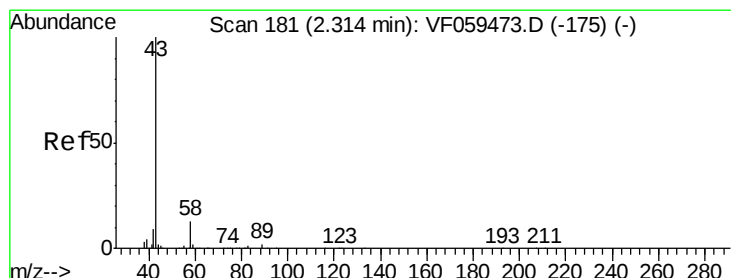
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#16

Acetone

Concen: 328.984 ug/l

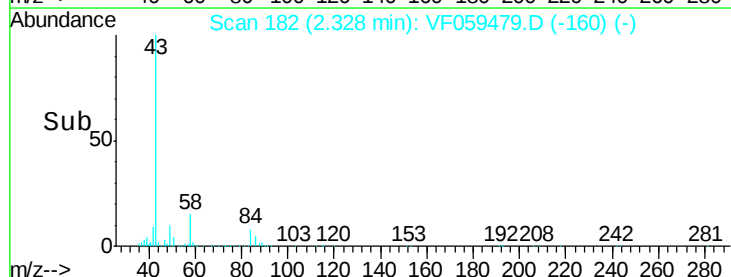
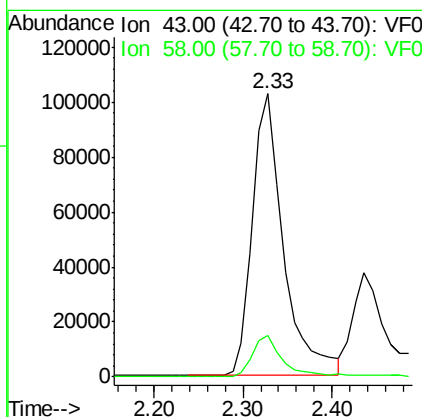
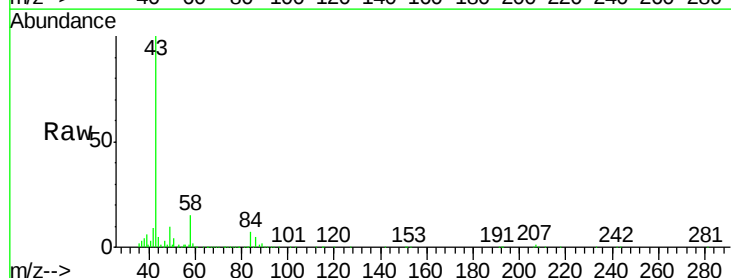
RT: 2.33 min Scan# 182

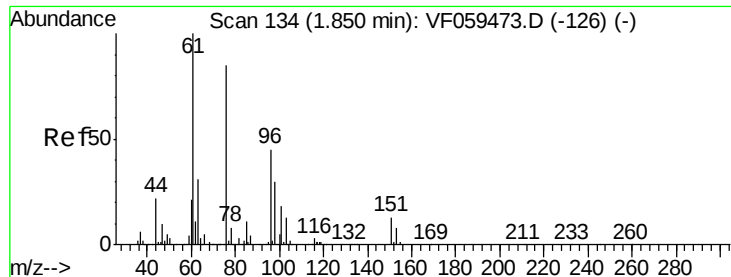
Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion:	43	Resp:	247915
Ion Ratio	Lower	Upper	
43	100		
58	14.7	10.5	15.7





#17

Carbon Disulfide

Concen: 49.713 ug/l

RT: 1.86 min Scan# 135

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 286278

Ion Ratio Lower Upper

76 100

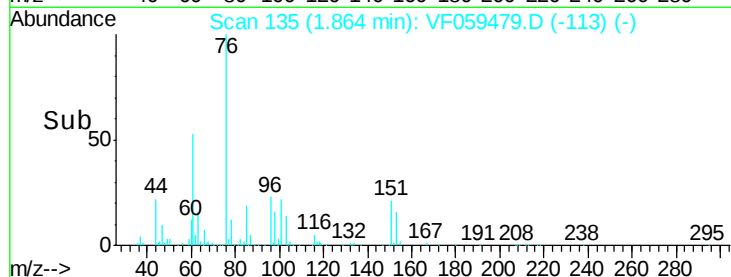
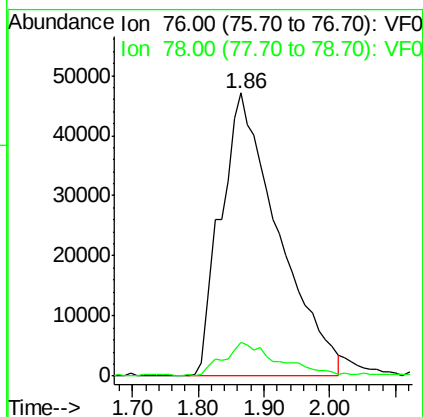
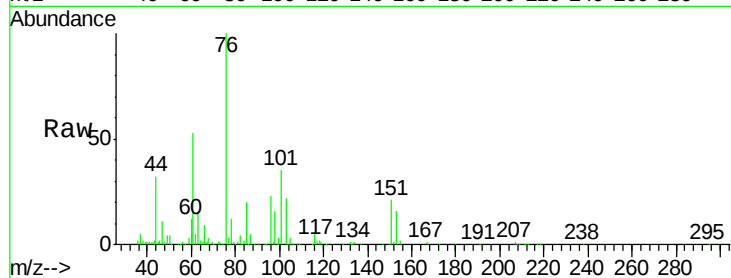
78 12.1 8.0 12.0#

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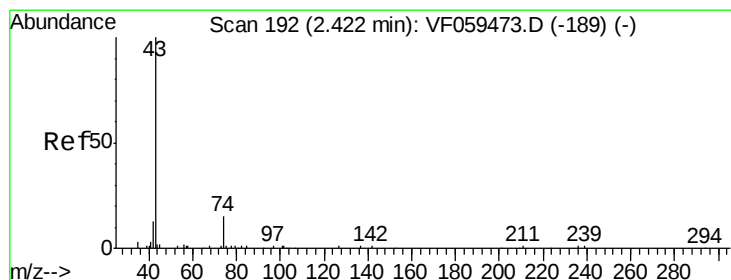
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#18

Methyl Acetate

Concen: 44.880 ug/l

RT: 2.44 min Scan# 193

Delta R.T. 0.01 min

Lab File: VF059479.D

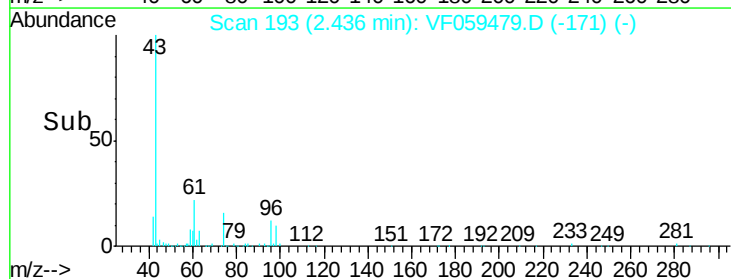
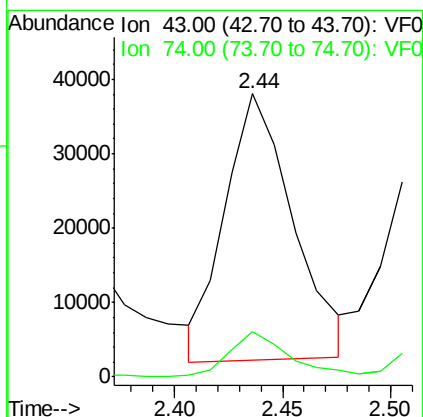
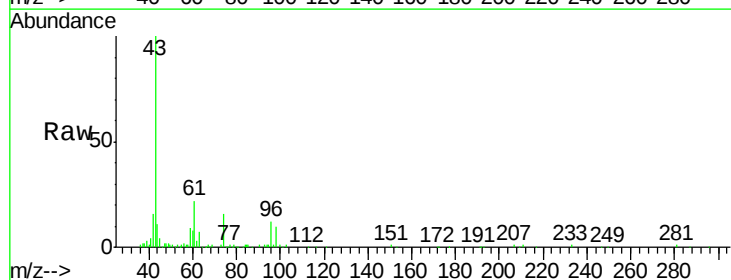
Acq: 10 Jul 2018 12:25

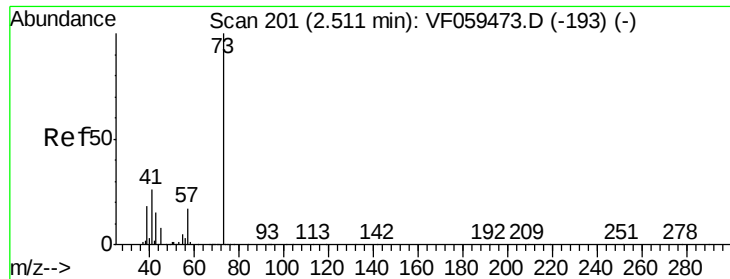
Tgt Ion: 43 Resp: 78525

Ion Ratio Lower Upper

43 100

74 16.1 10.8 16.2





#19

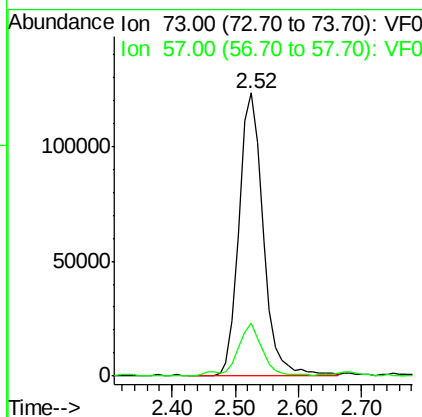
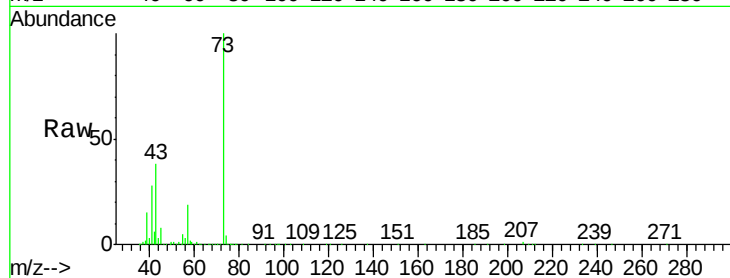
Methyl tert-butyl Ether
Concen: 45.644 ug/l
RT: 2.52 min Scan# 202
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 325570
Ion Ratio Lower Upper
73 100
57 18.6 13.7 20.5

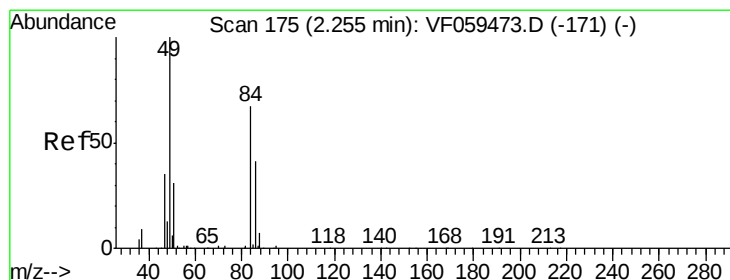
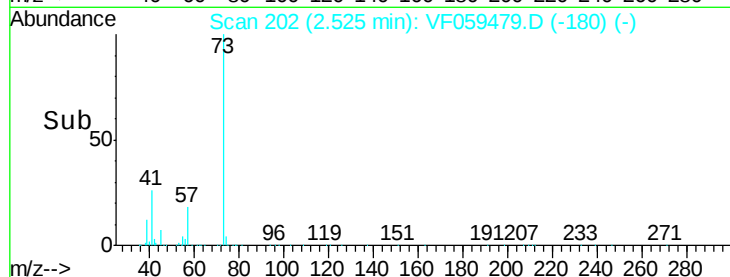
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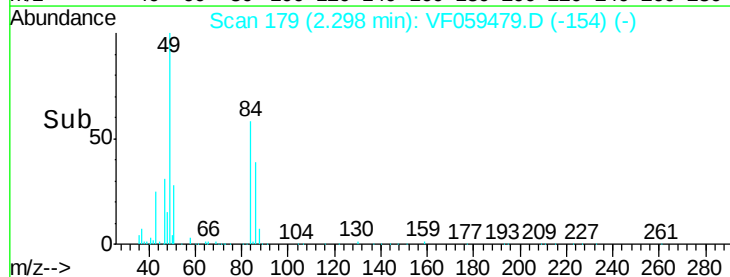
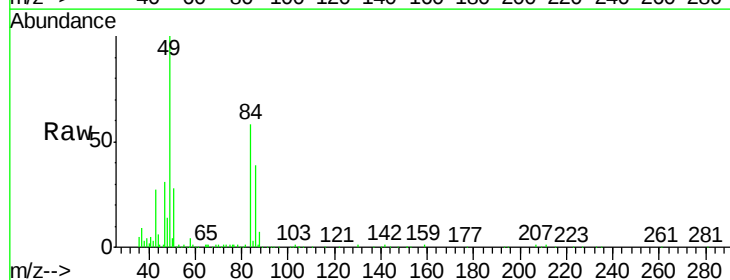
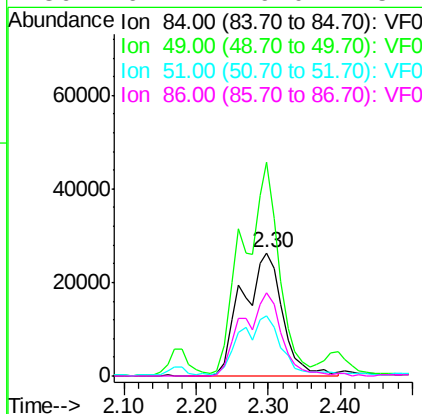
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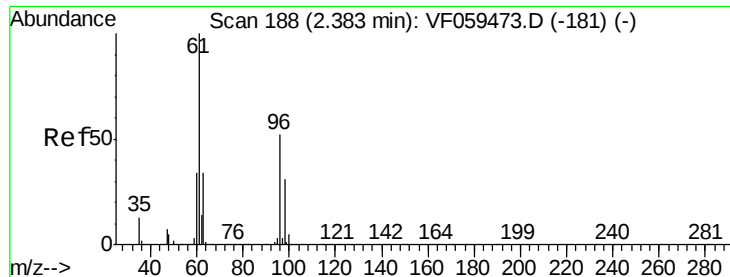


#20

Methylene Chloride
Concen: 47.822 ug/l
RT: 2.30 min Scan# 179
Delta R.T. 0.04 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion: 84 Resp: 103183
Ion Ratio Lower Upper
84 100
49 172.9 120.4 180.6
51 48.9 38.1 57.1
86 67.2 49.0 73.4





#21

trans-1,2-Dichloroethene

Concen: 45.557 ug/l

RT: 2.40 min Scan# 189

Delta R.T. 0.01 min

Lab File: VF059479.D

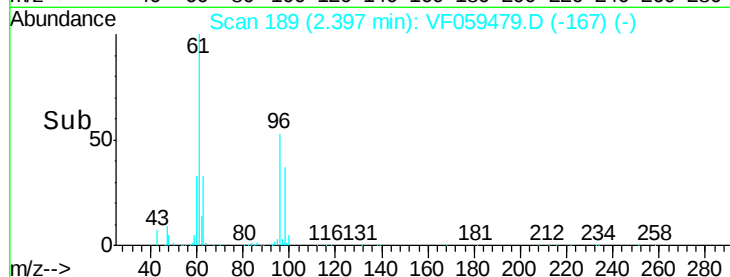
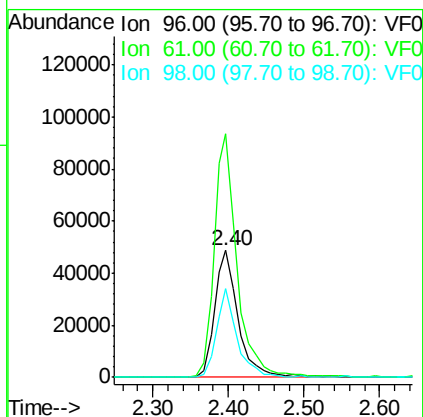
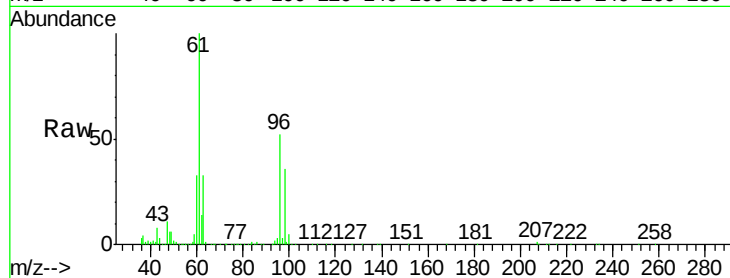
Acq: 10 Jul 2018 12:25

Tgt Ion:	96	Resp:	106138
Ion	Ratio	Lower	Upper
96	100		
61	192.0	154.3	231.5
98	69.6	48.2	72.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

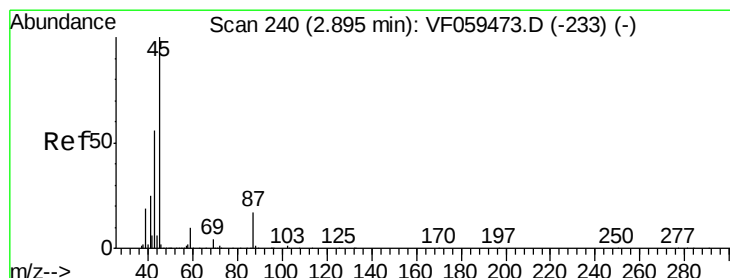
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#22

Diisopropyl ether

Concen: 46.726 ug/l

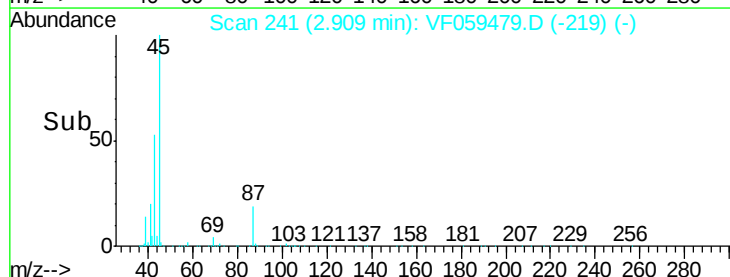
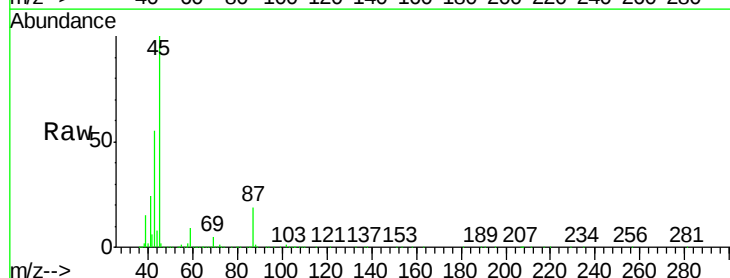
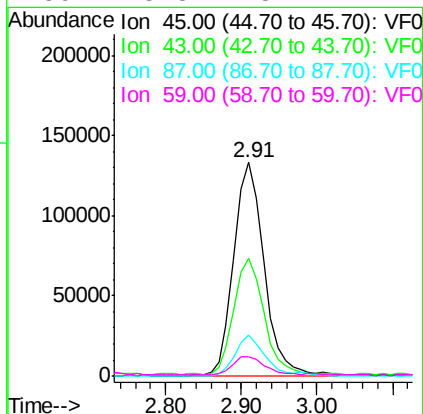
RT: 2.91 min Scan# 241

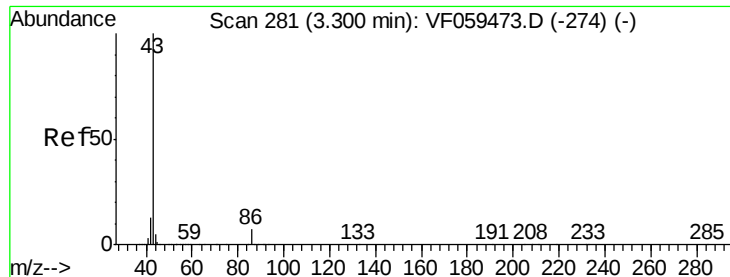
Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion:	45	Resp:	367949
Ion	Ratio	Lower	Upper
45	100		
43	55.4	45.4	68.2
87	19.0	13.5	20.3
59	8.8	8.2	12.4





#23

Vinyl Acetate

Concen: 258.037 ug/l

RT: 3.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1179662

Ion Ratio Lower Upper

43 100

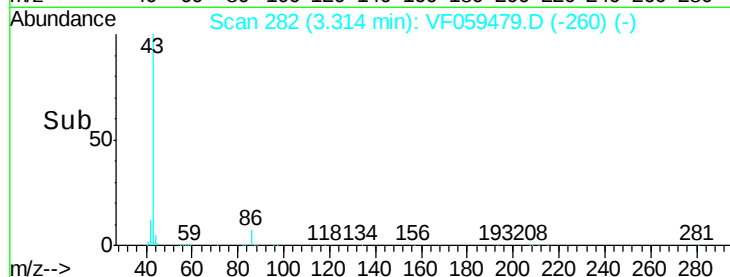
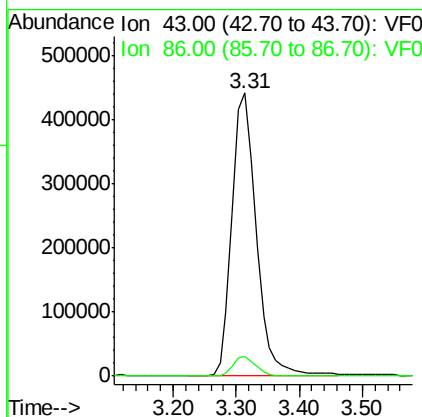
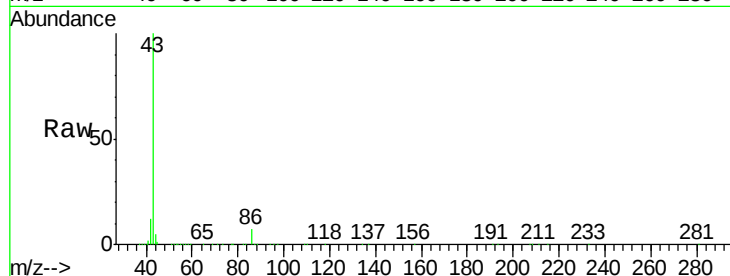
86 6.8 5.3 7.9

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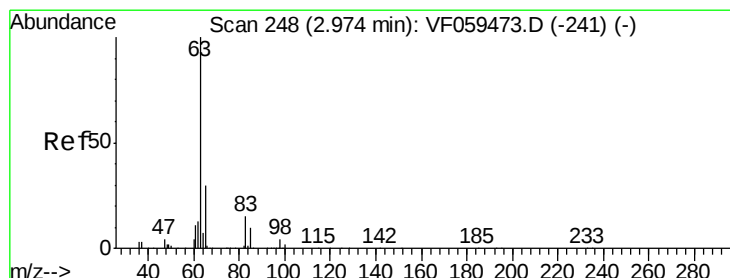
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#24

1,1-Dichloroethane

Concen: 44.729 ug/l

RT: 2.98 min Scan# 248

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

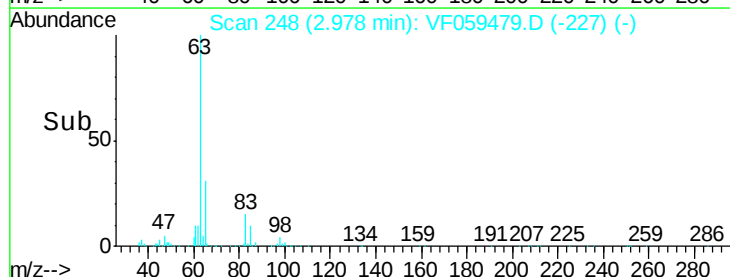
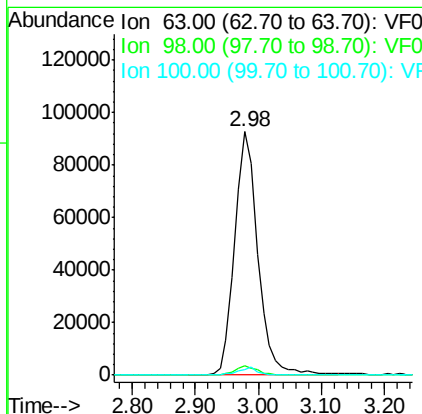
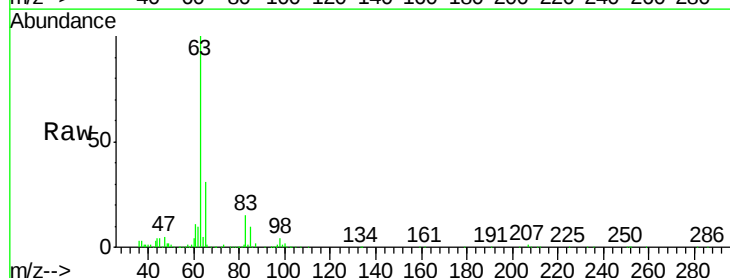
Tgt Ion: 63 Resp: 235522

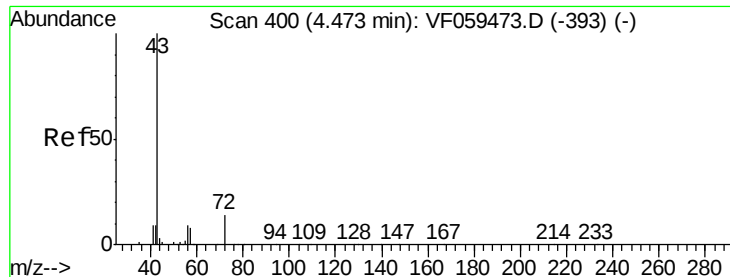
Ion Ratio Lower Upper

63 100

98 3.9 1.8 5.5

100 2.4 1.1 3.3





#25

2-Butanone

Concen: 284.614 ug/l

RT: 4.49 min Scan# 401

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion: 43 Resp: 292237

Ion Ratio Lower Upper

43 100

72 18.0 13.8 20.8

Instrument :

MSVOA_F

ClientSampleId :

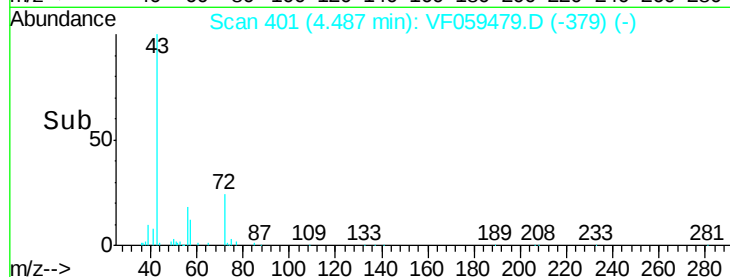
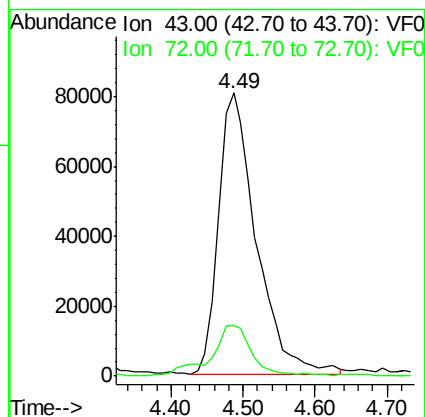
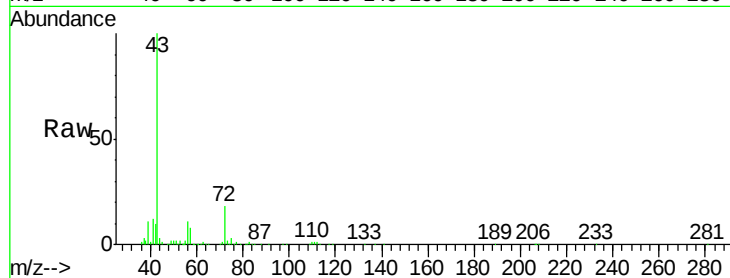
VSTDCCC050

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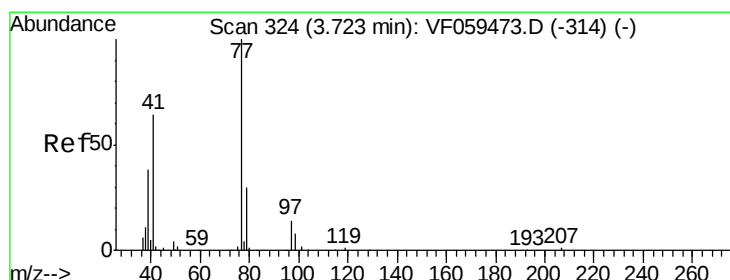
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#26

2,2-Dichloropropane

Concen: 55.227 ug/l

RT: 3.74 min Scan# 325

Delta R.T. 0.01 min

Lab File: VF059479.D

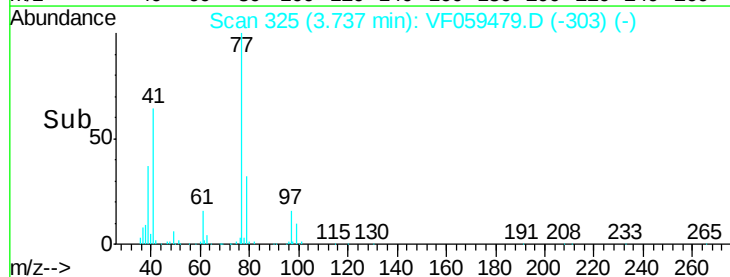
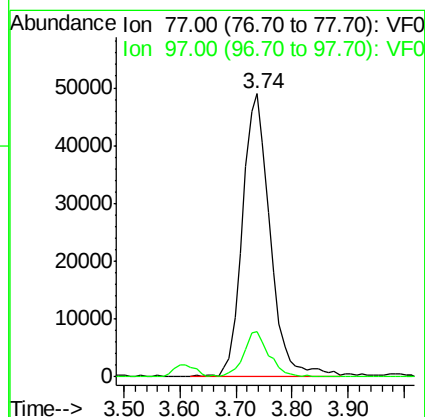
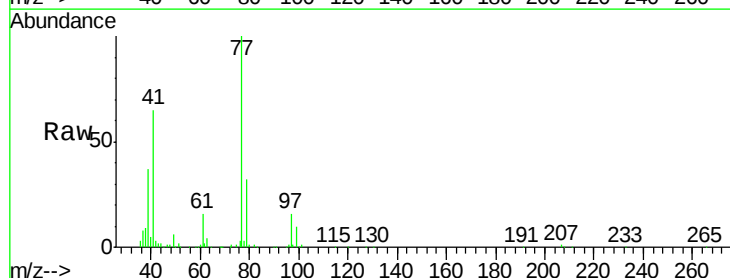
Acq: 10 Jul 2018 12:25

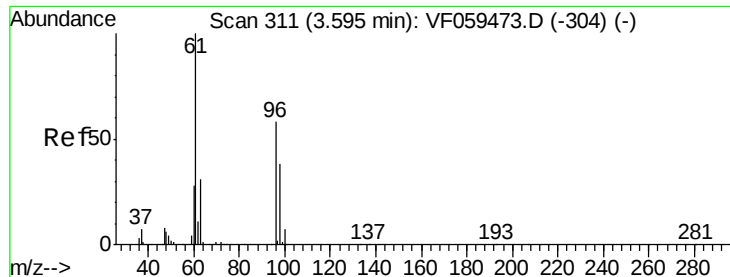
Tgt Ion: 77 Resp: 167626

Ion Ratio Lower Upper

77 100

97 16.1 7.7 23.1





#27

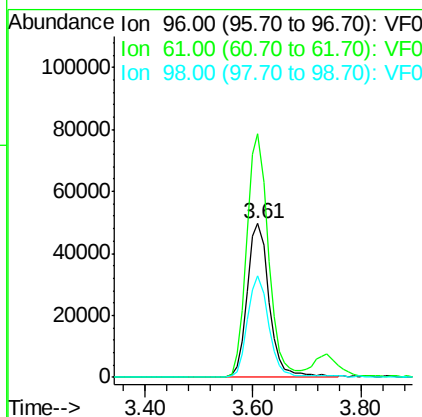
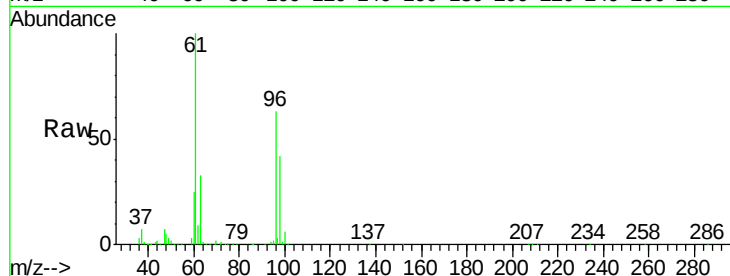
cis-1,2-Dichloroethene
Concen: 49.166 ug/l
RT: 3.61 min Scan# 312
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	140774		
61	158.3	0.0	342.0	
98	66.1	0.0	130.0	

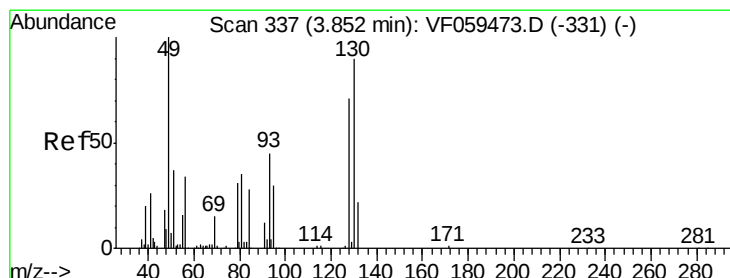
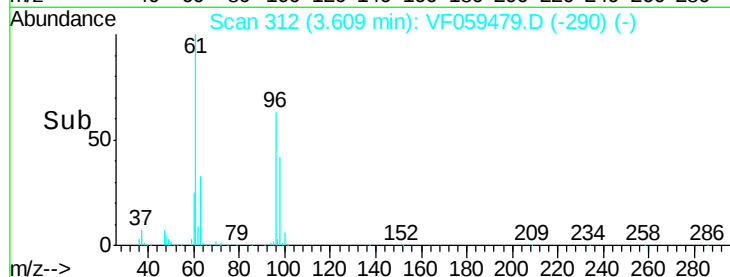
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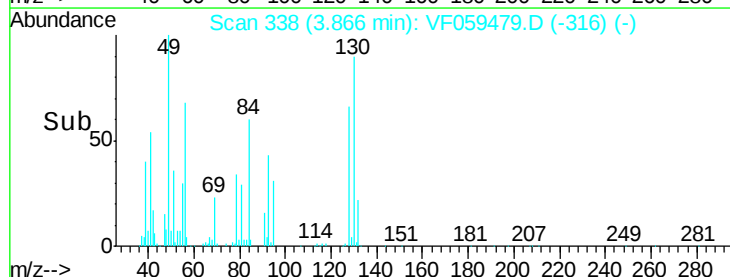
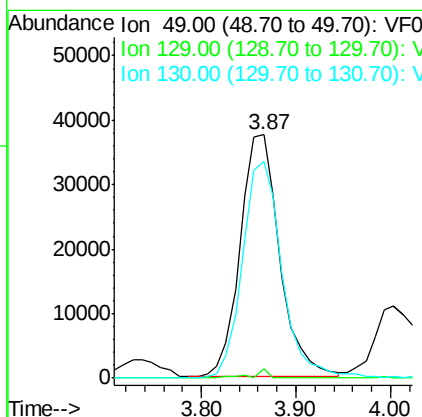
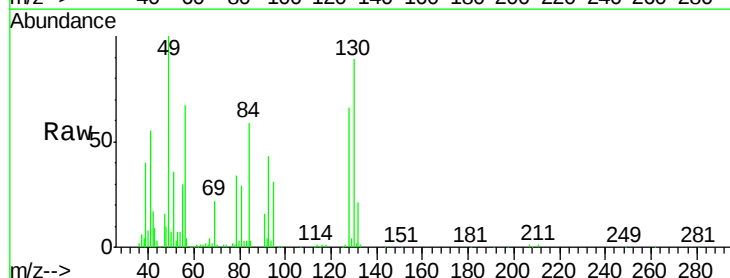
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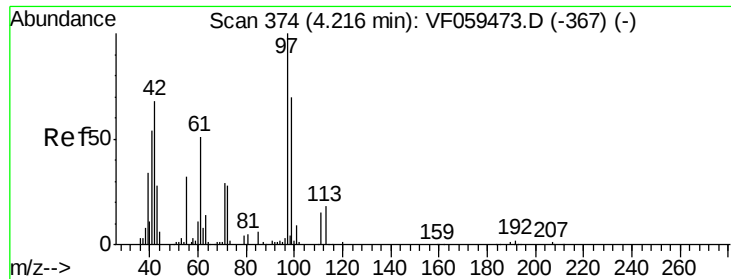


#28

Bromochloromethane
Concen: 49.627 ug/l
RT: 3.87 min Scan# 338
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108452		
129	4.0	0.0	6.2	
130	89.2	71.4	107.0	





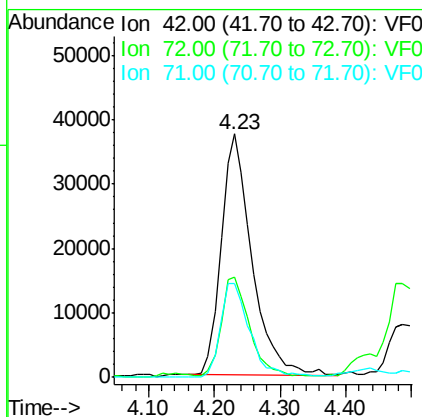
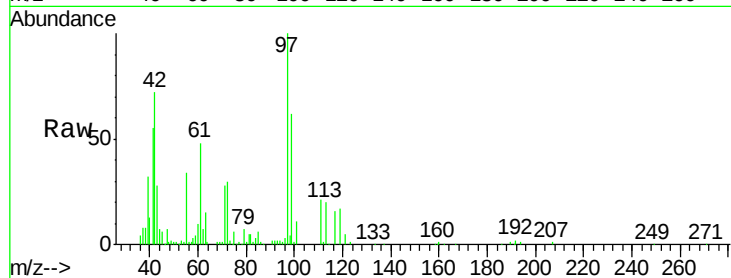
#29
Tetrahydrofuran
Concen: 250.969 ug/l
RT: 4.23 min Scan# 375
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.8	29.2	43.8
71	38.2	30.1	45.1

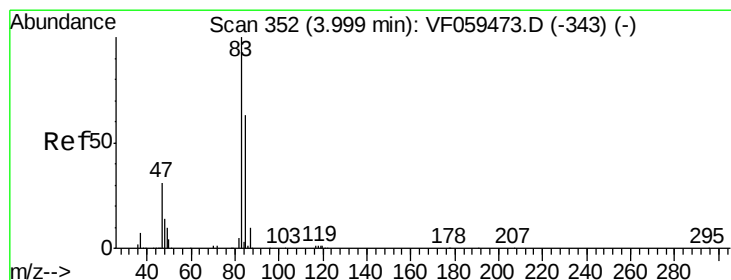
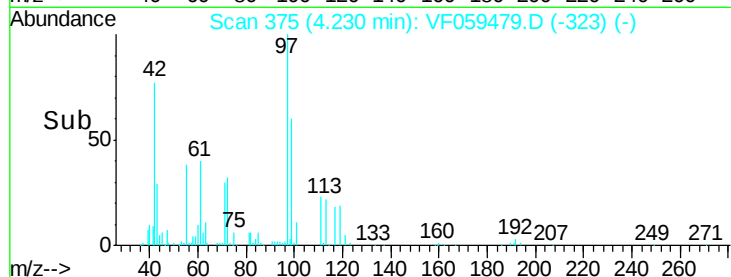
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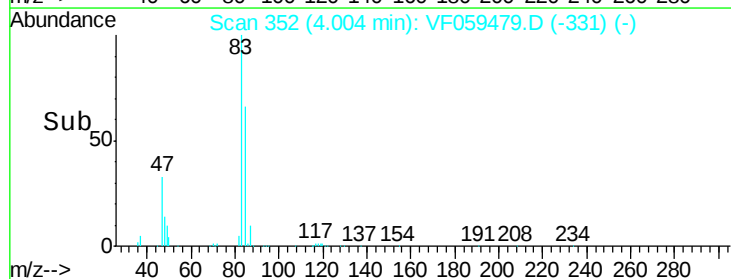
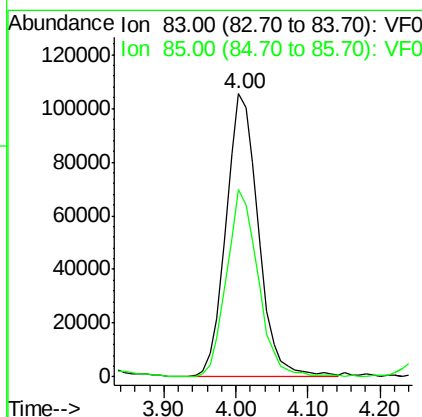
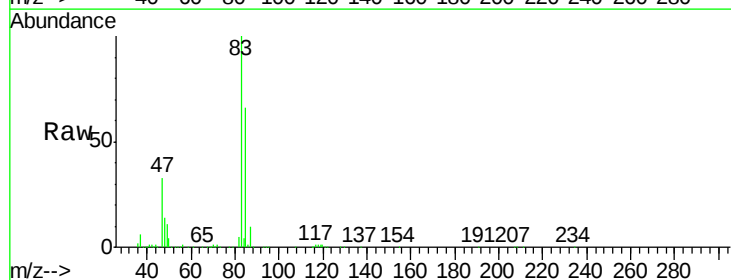
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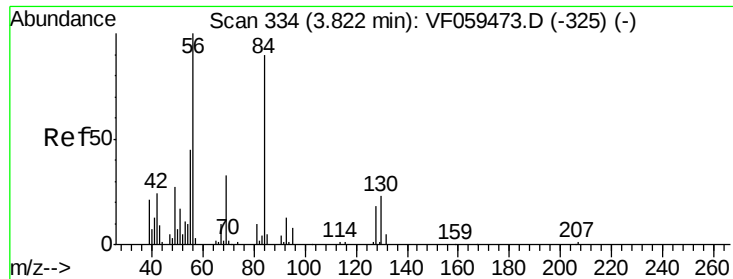
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#30
Chloroform
Concen: 44.102 ug/l
RT: 4.00 min Scan# 352
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.3	75.5





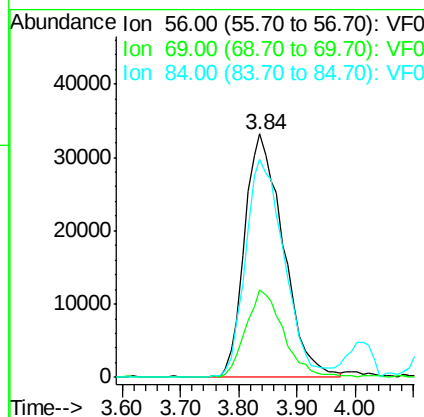
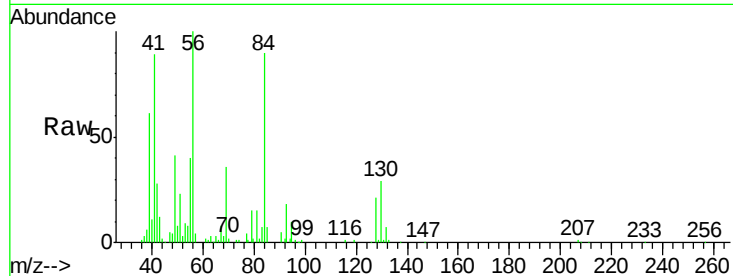
#31
Cyclohexane
Concen: 50.545 ug/l
RT: 3.84 min Scan# 335
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.9	26.2	39.2
84	89.7	72.3	108.5

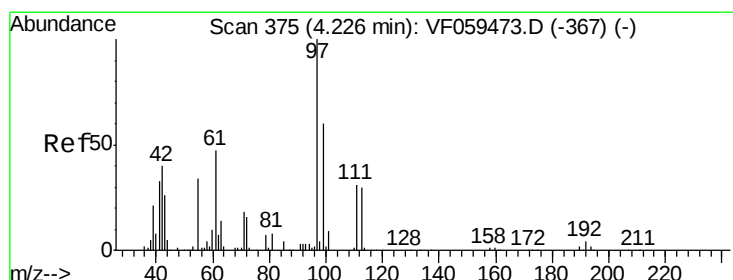
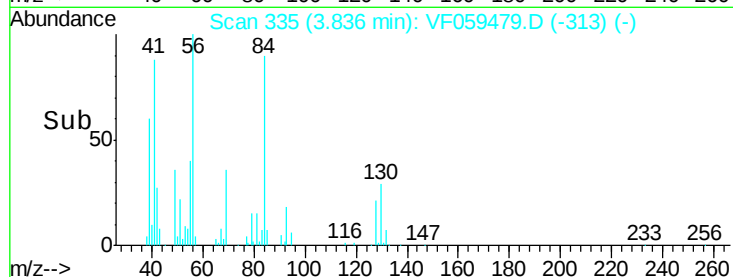
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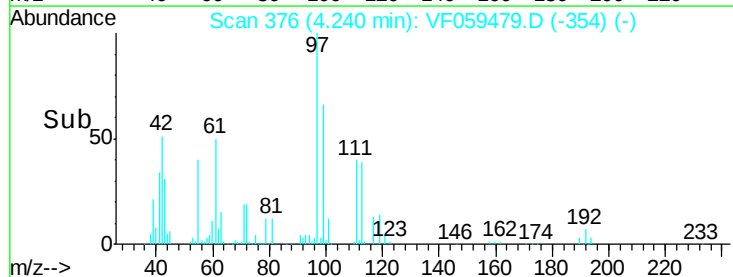
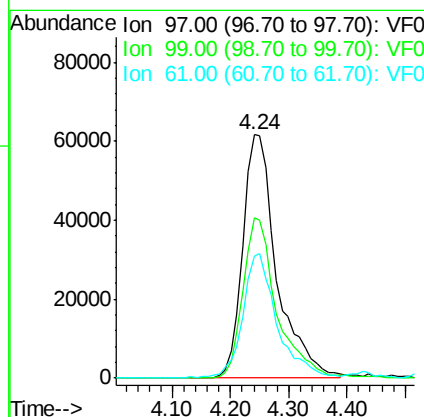
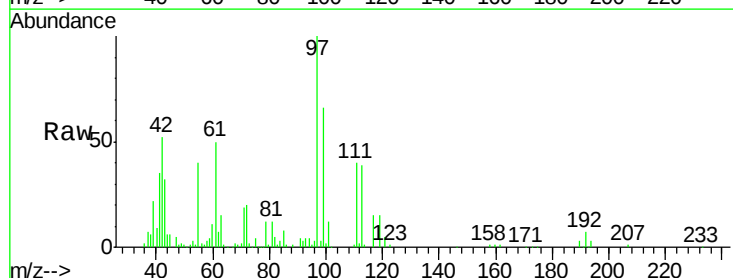
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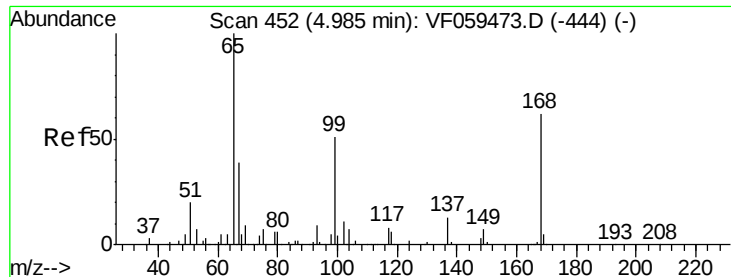
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#32
1,1,1-Trichloroethane
Concen: 44.011 ug/l
RT: 4.24 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	47.8	71.6
61	50.1	37.9	56.9





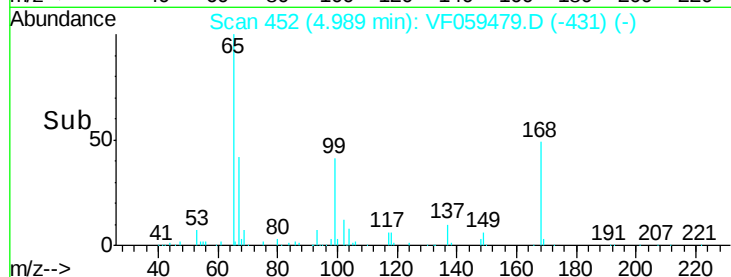
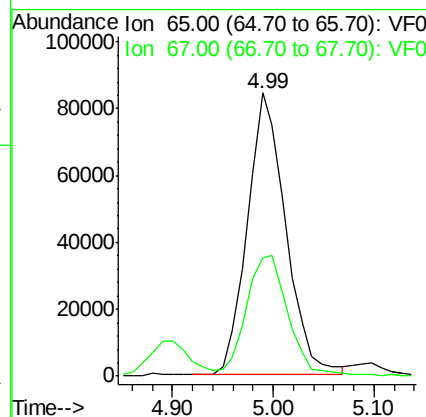
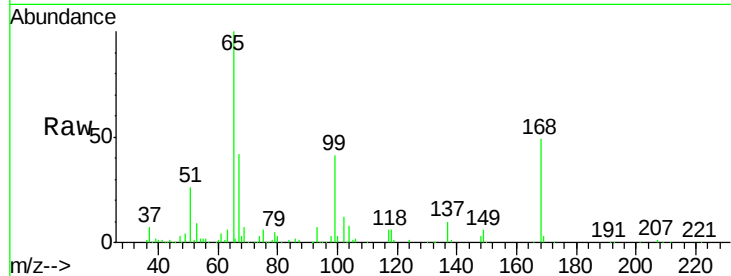
#33
 1,2-Dichloroethane-d4
 Concen: 44.550 ug/l
 RT: 4.99 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: VF059479.D
 Acq: 10 Jul 2018 12:25

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 224447
 Ion Ratio Lower Upper
 65 100
 67 41.9 0.0 88.6

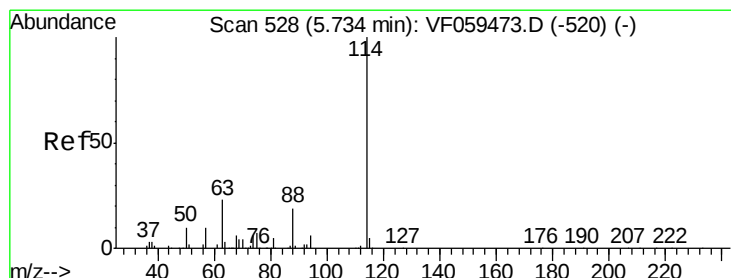
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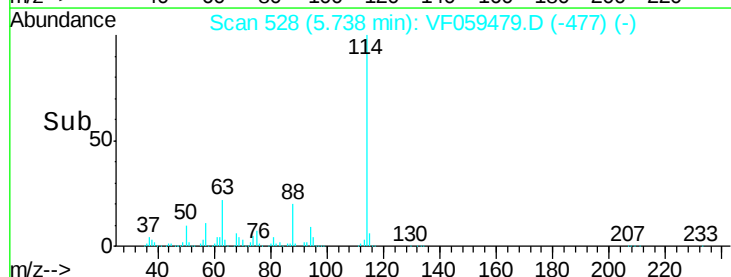
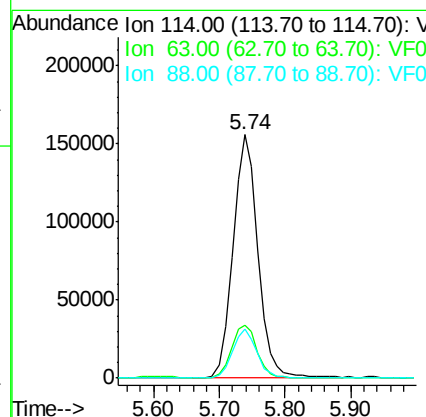
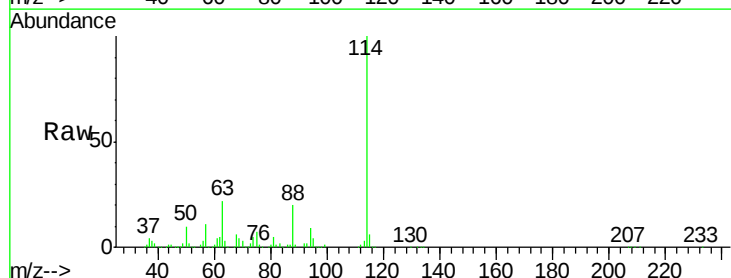
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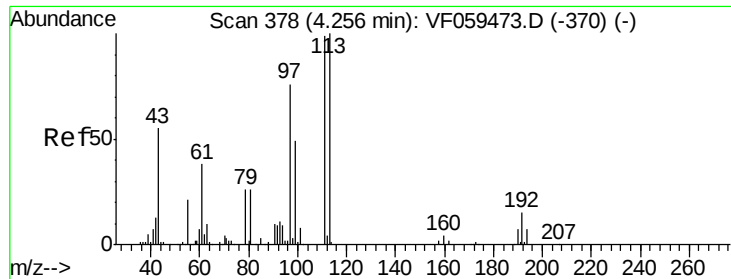
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.74 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VF059479.D
 Acq: 10 Jul 2018 12:25

Tgt Ion: 114 Resp: 412706
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 47.2
 88 20.4 0.0 38.0





#35

Dibromofluoromethane

Concen: 46.026 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

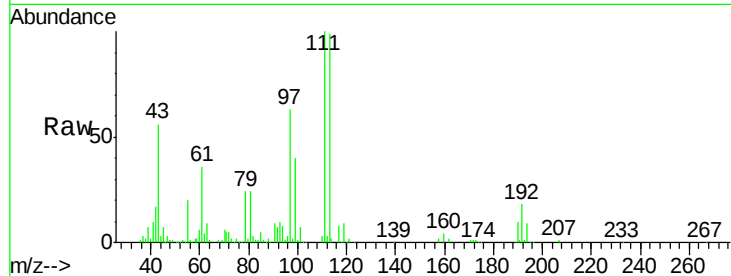
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	182258		
111	100.7	79.3	118.9	
192	18.5	12.0	18.0#	

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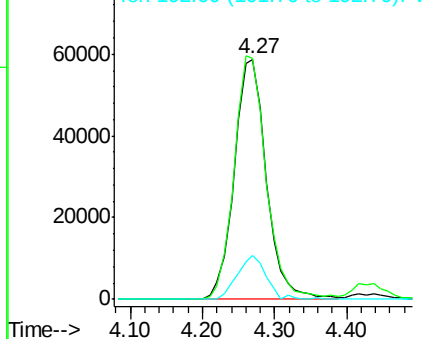


Abundance

Ion 113.00 (112.70 to 113.70): V

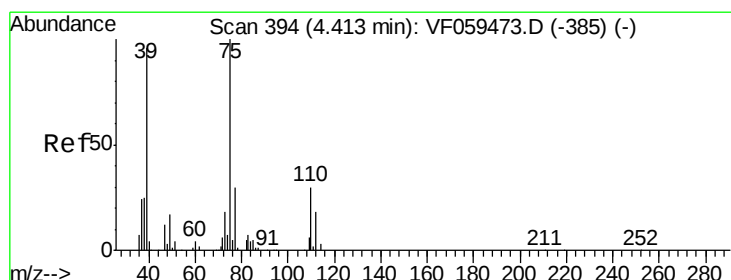
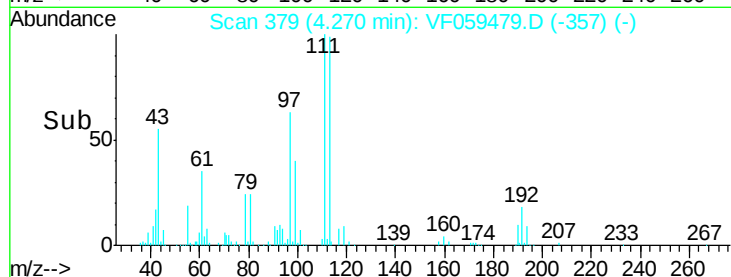
Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



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#36

1,1-Dichloropropene

Concen: 47.945 ug/l

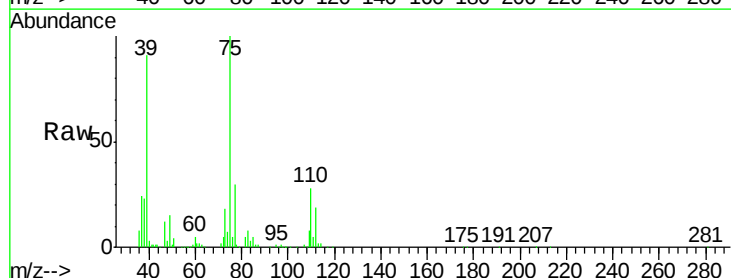
RT: 4.43 min Scan# 395

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	208990		
110	28.0	15.2	45.5	
77	30.1	24.2	36.2	

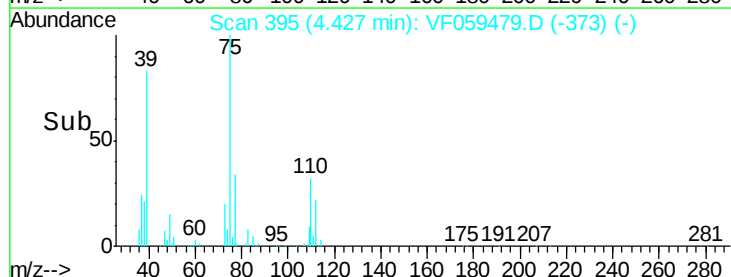
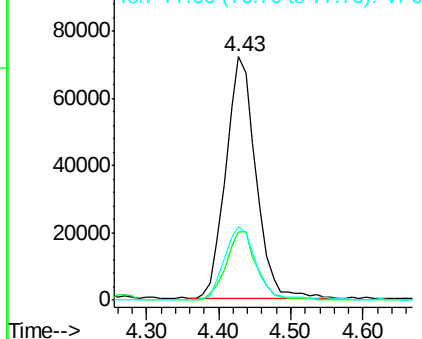


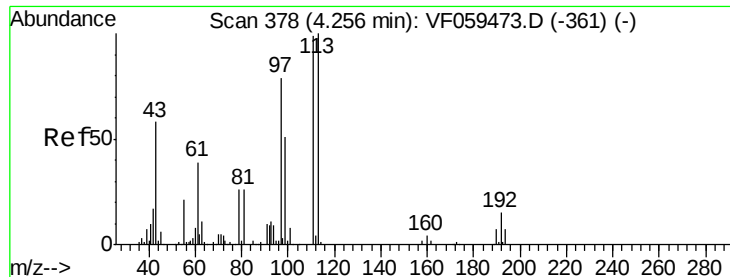
Abundance

Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





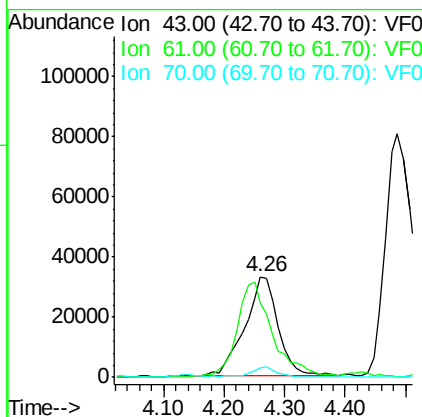
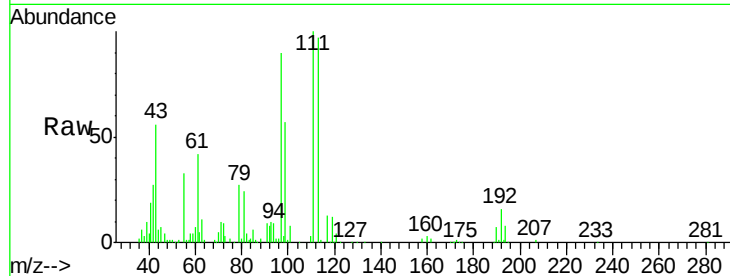
#37
Ethyl Acetate
Concen: 49.615 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	74.8	54.2	81.4
70	9.1	7.0	10.6

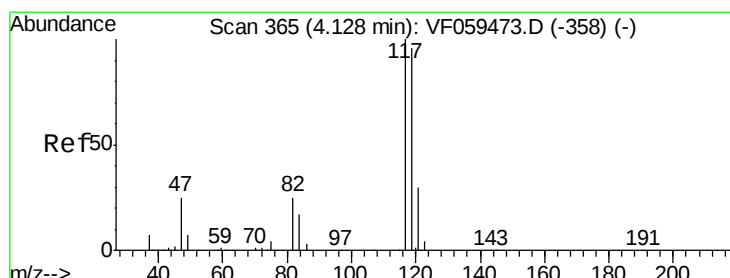
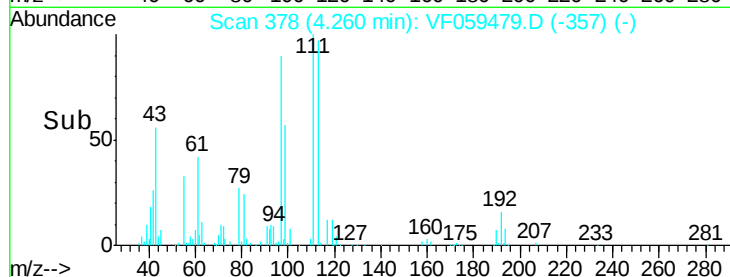
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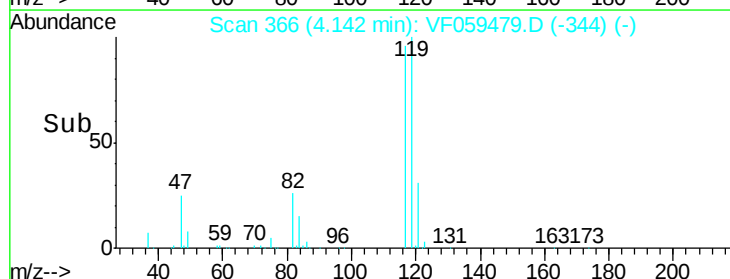
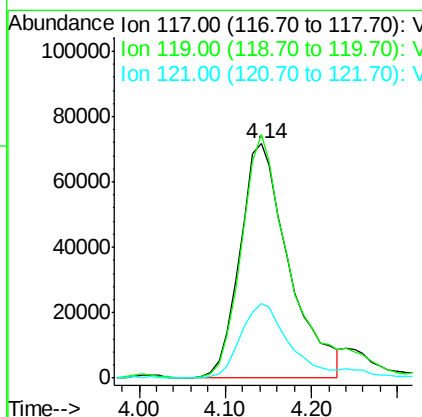
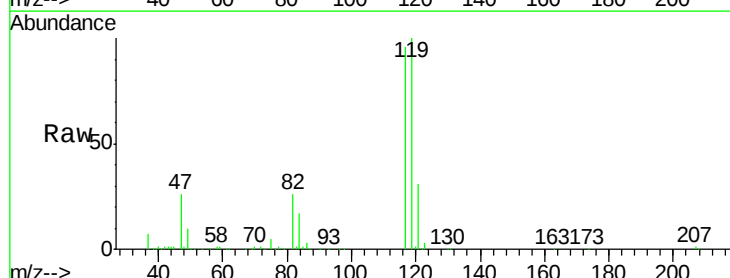
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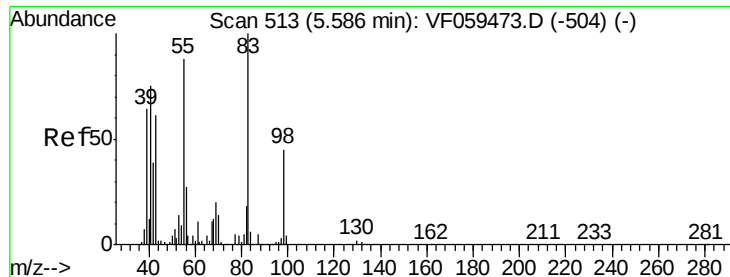
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#38
Carbon Tetrachloride
Concen: 45.701 ug/l m
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.0	76.5	114.7
121	31.8	23.6	35.4





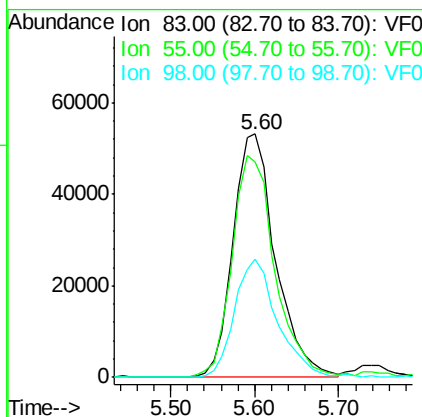
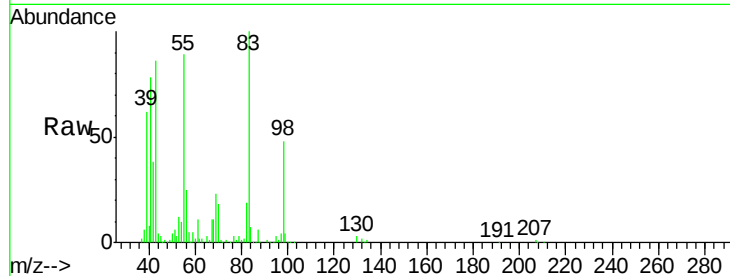
#39
Methylcyclohexane
Concen: 51.323 ug/l
RT: 5.60 min Scan# 514
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	88.5	70.6	105.8
98	48.3	36.3	54.5

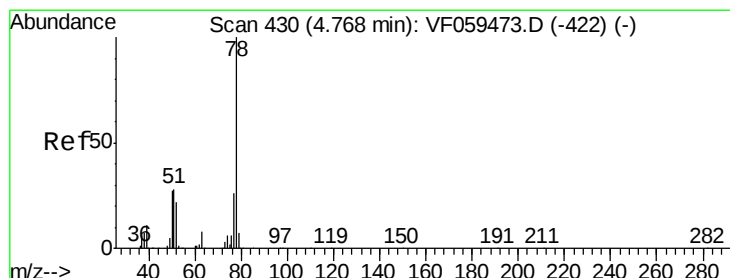
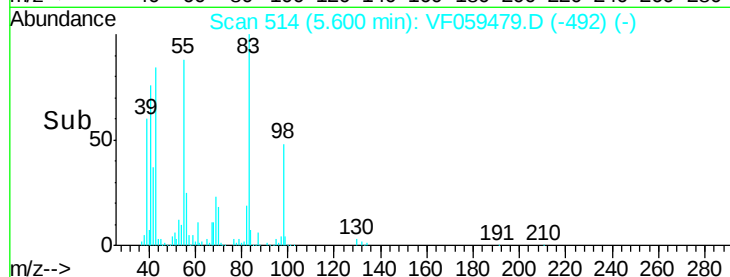
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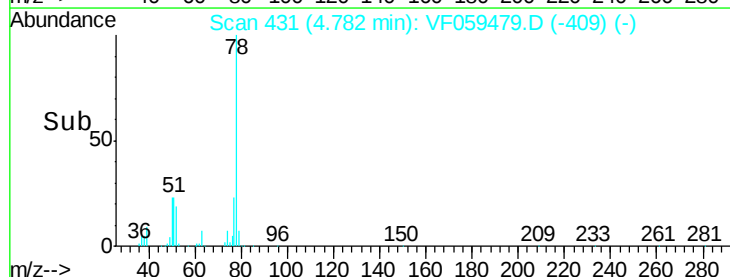
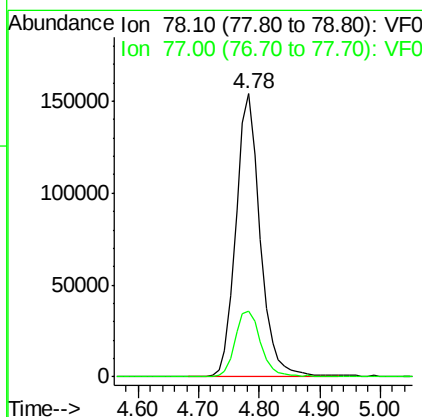
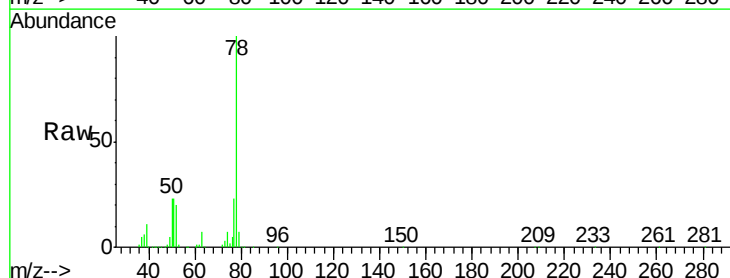
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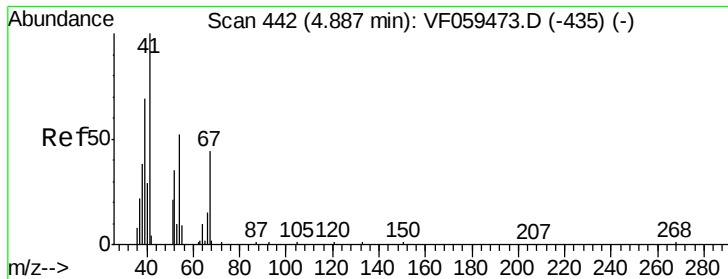
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#40
Benzene
Concen: 50.441 ug/l
RT: 4.78 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	20.8	31.2





#41

Methacrylonitrile

Concen: 53.097 ug/l

RT: 4.90 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF059479.D

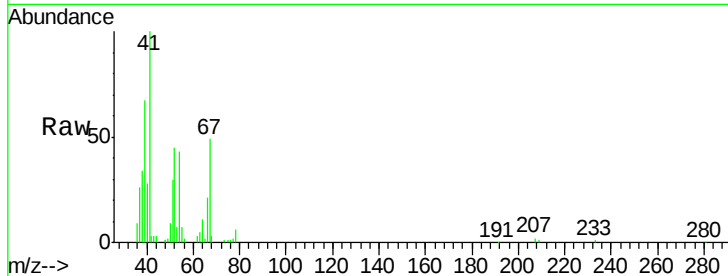
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.8	61.7	92.5
67	48.7	35.4	53.2
52	44.8	37.4	56.2

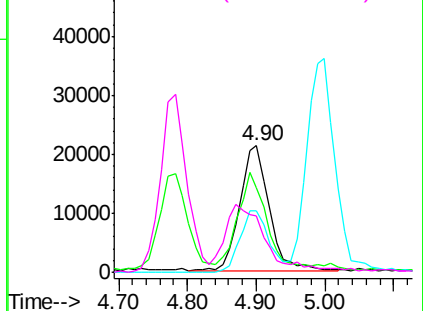
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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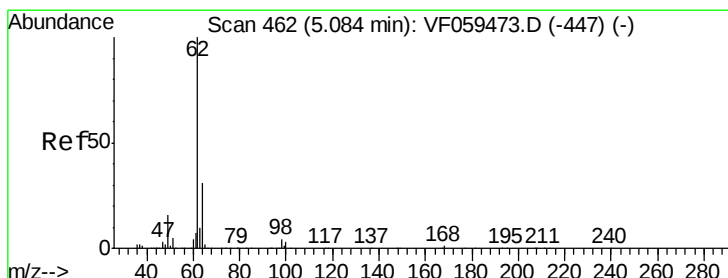
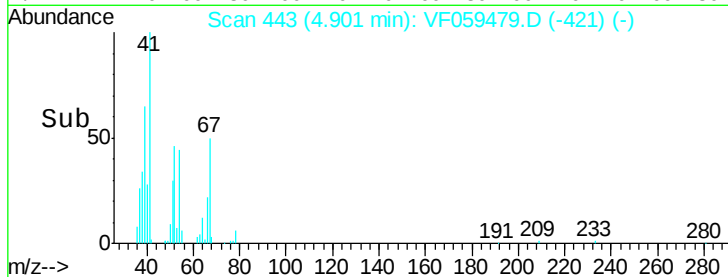


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0



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#42

1,2-Dichloroethane

Concen: 44.329 ug/l

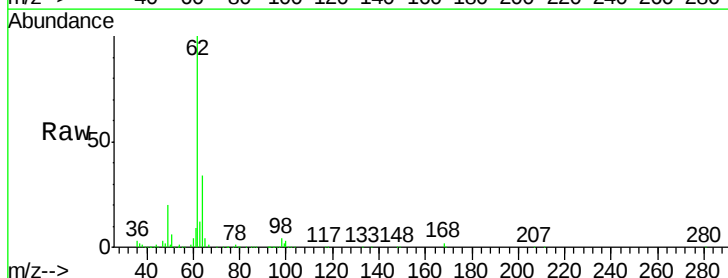
RT: 5.09 min Scan# 462

Delta R.T. 0.00 min

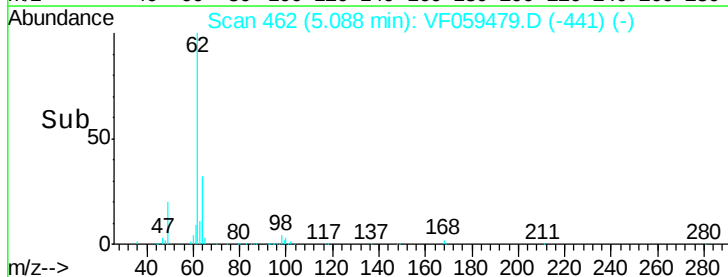
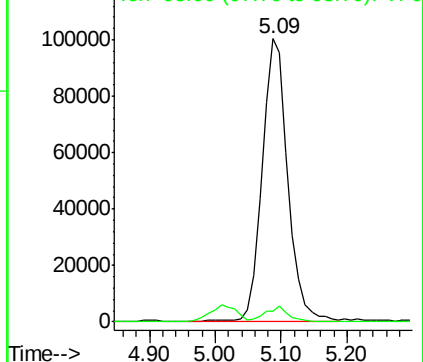
Lab File: VF059479.D

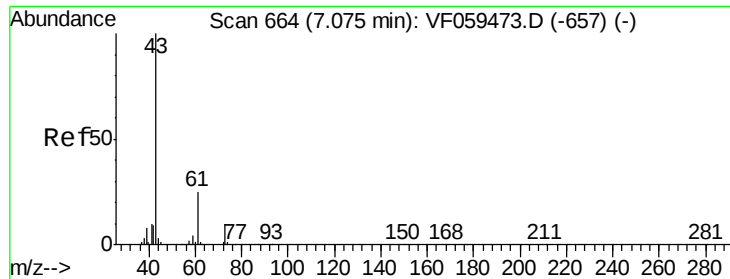
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.0	0.0	7.6



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 98.00 (97.70 to 98.70): VF0





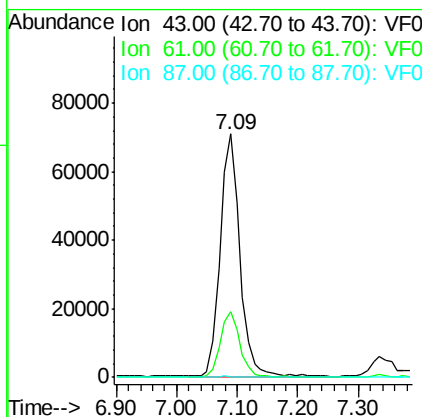
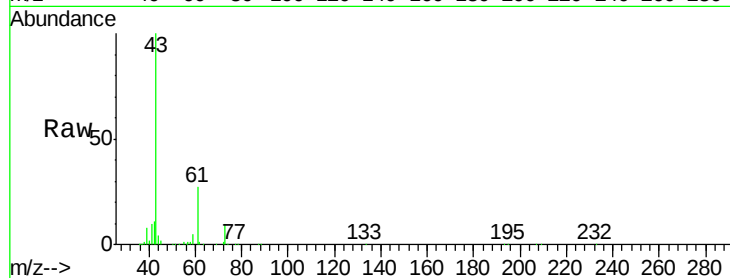
#43
Isopropyl Acetate
Concen: 54.186 ug/l
RT: 7.09 min Scan# 665
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.2	20.3	30.5
87	0.3	0.3	0.5

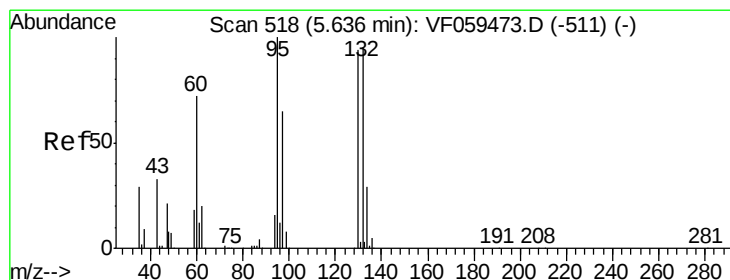
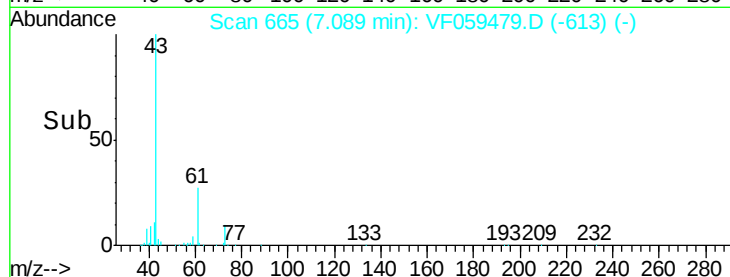
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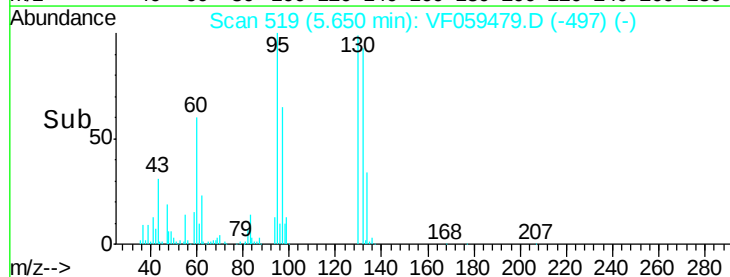
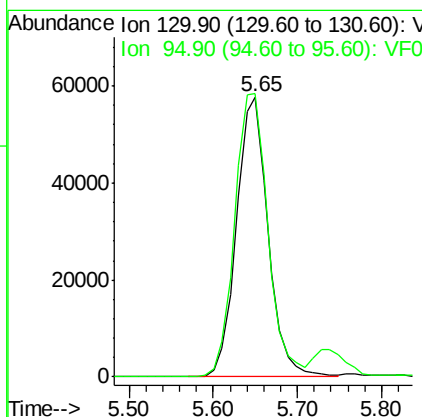
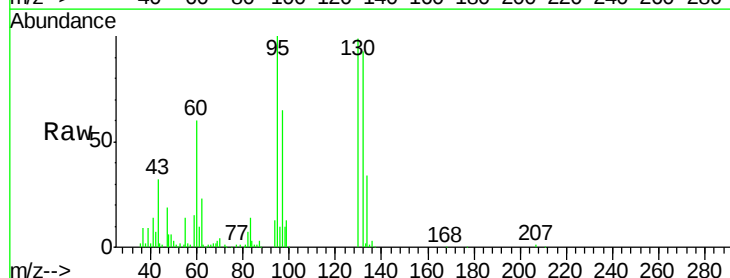
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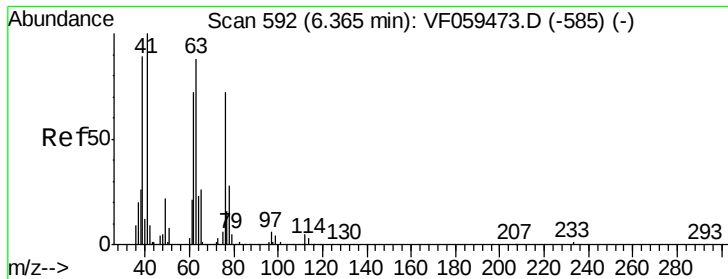
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#44
Trichloroethene
Concen: 48.020 ug/l
RT: 5.65 min Scan# 519
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	214.6





#45

1,2-Dichloropropane

Concen: 48.306 ug/l

RT: 6.38 min Scan# 593

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 118479

Ion Ratio Lower Upper

63 100

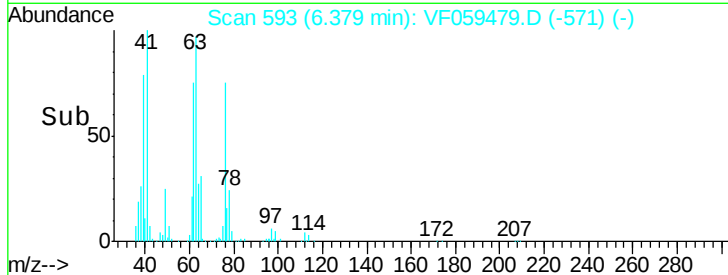
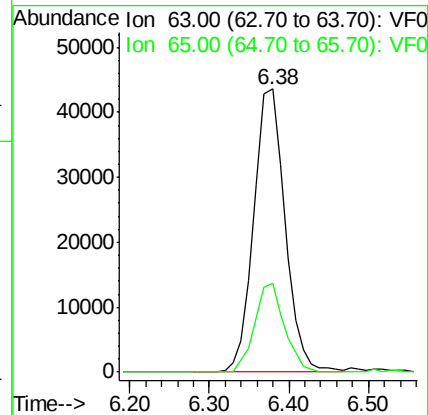
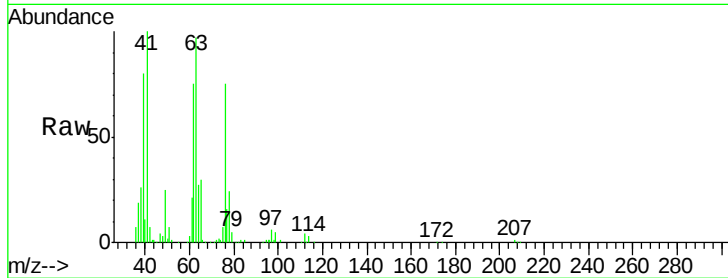
65 31.4 23.5 35.3

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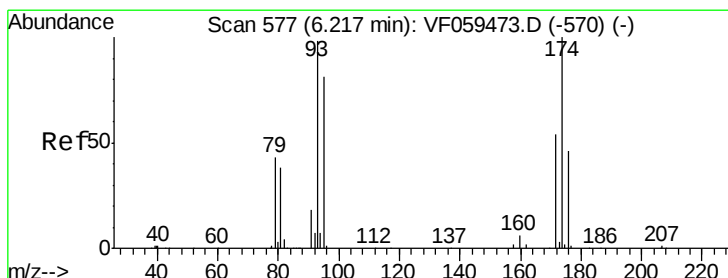
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#46

Dibromomethane

Concen: 46.746 ug/l

RT: 6.23 min Scan# 578

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

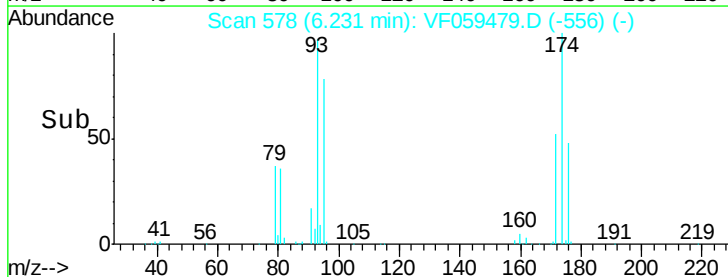
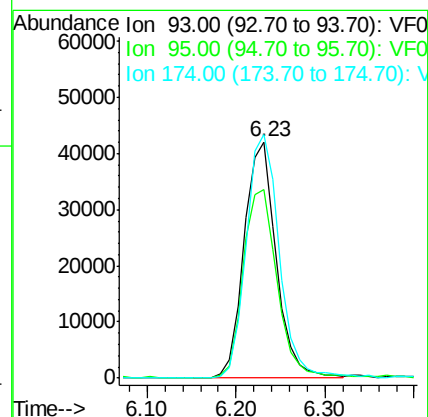
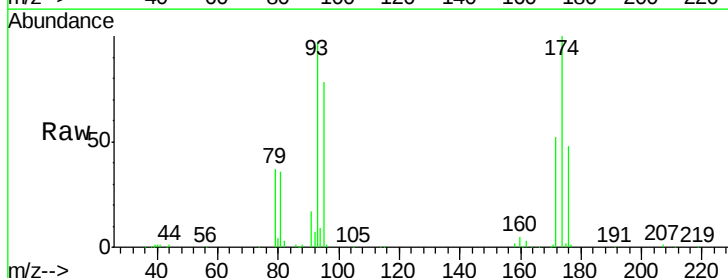
Tgt Ion: 93 Resp: 105103

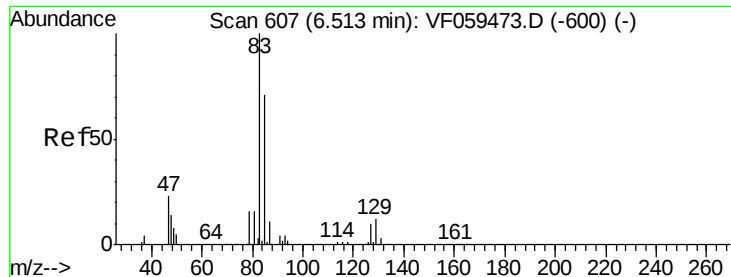
Ion Ratio Lower Upper

93 100

95 79.9 65.9 98.9

174 103.1 83.2 124.8





#47

Bromodichloromethane

Concen: 47.873 ug/l

RT: 6.52 min Scan# 607

Delta R.T. 0.00 min

Lab File: VF059479.D

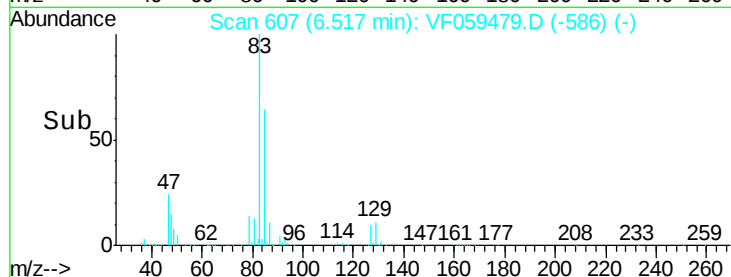
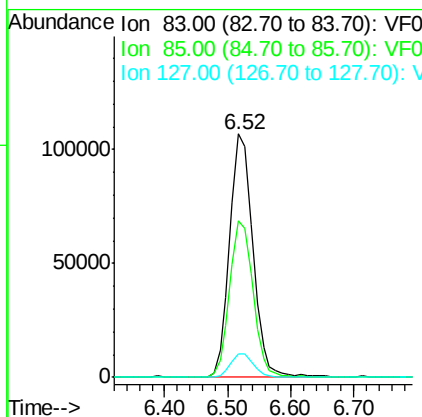
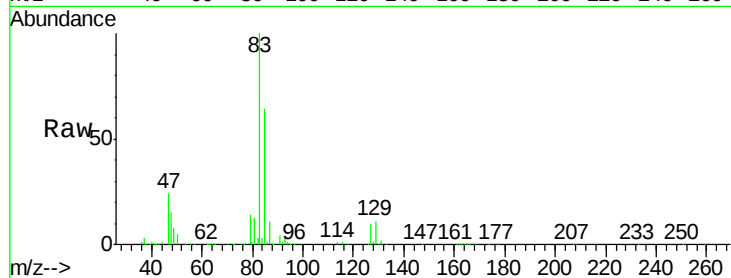
Acq: 10 Jul 2018 12:25

Tgt Ion:	83	Resp:	273888
Ion	Ratio	Lower	Upper
83	100		
85	64.1	56.6	84.8
127	9.8	8.1	12.1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

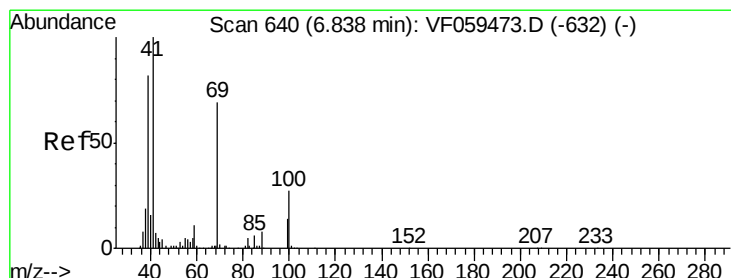
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#48

Methyl methacrylate

Concen: 53.253 ug/l

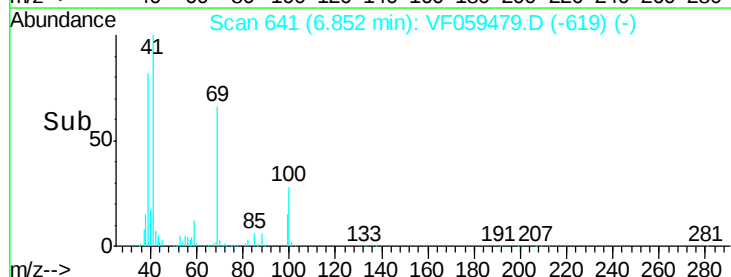
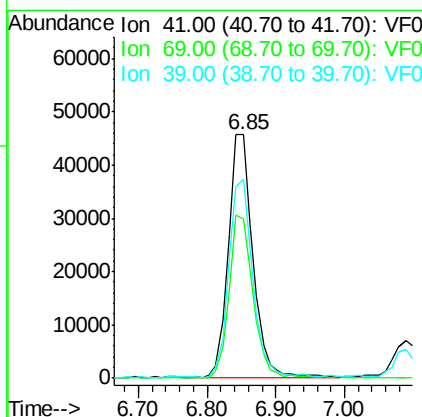
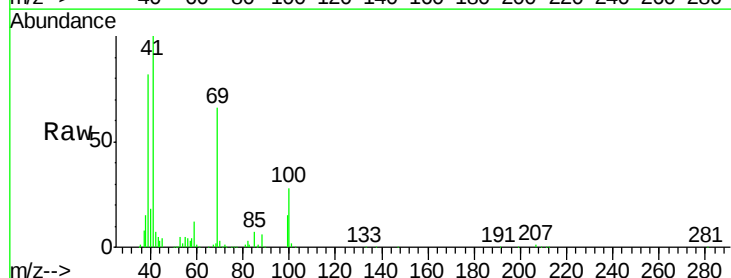
RT: 6.85 min Scan# 641

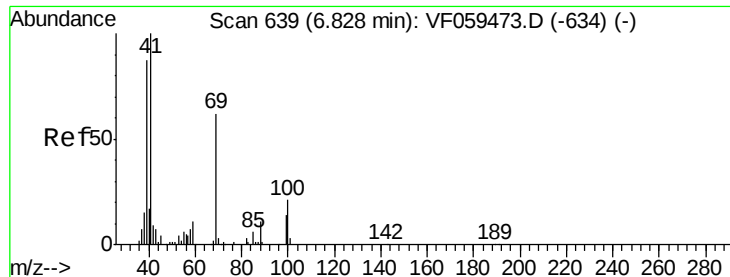
Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion:	41	Resp:	111280
Ion	Ratio	Lower	Upper
41	100		
69	65.6	55.6	83.4
39	81.8	66.0	99.0





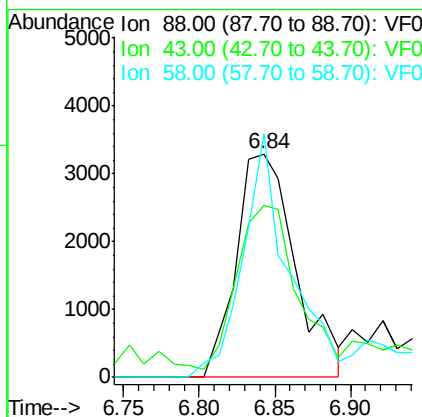
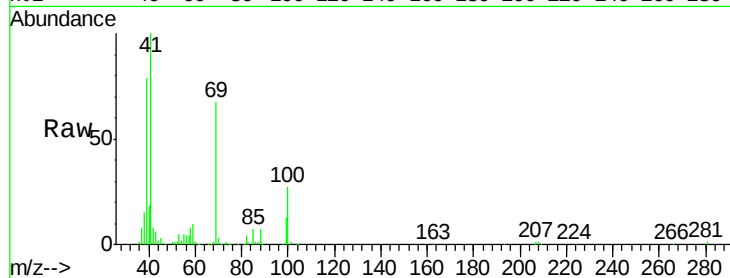
#49
1,4-Dioxane
Concen: 947.276 ug/l
RT: 6.84 min Scan# 640
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	76.9	57.3	85.9
58	108.9	54.6	81.8#

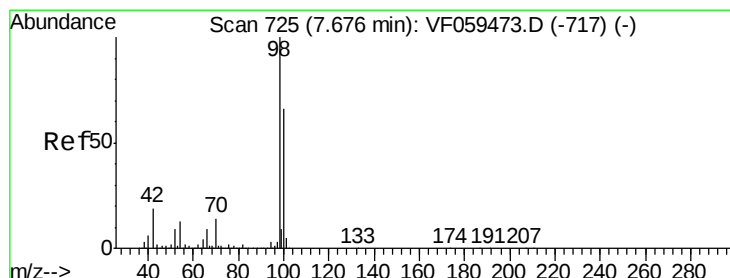
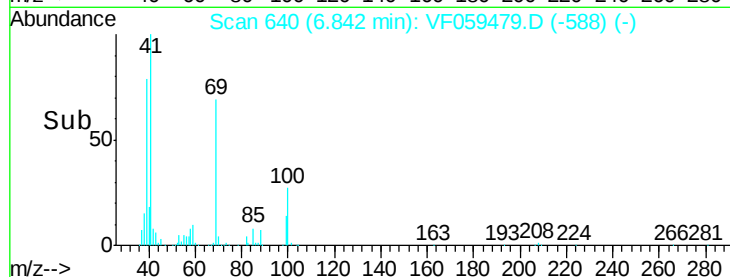
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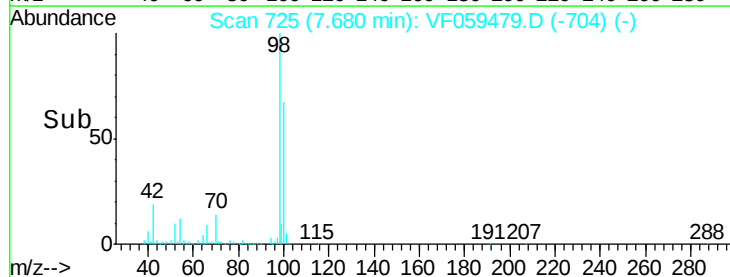
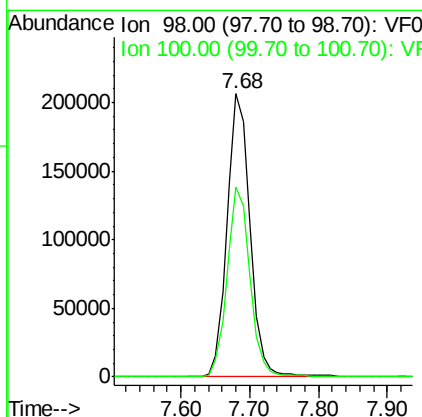
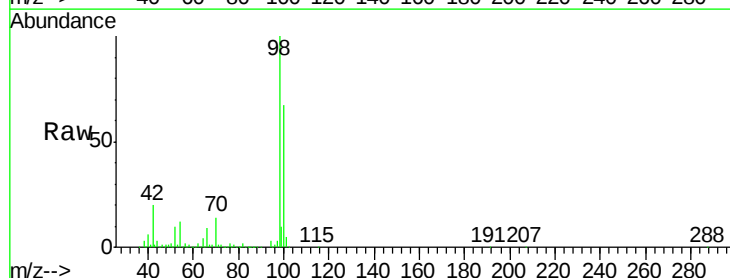
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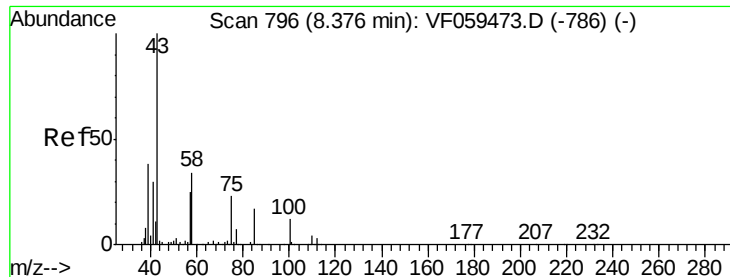
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#50
Toluene-d8
Concen: 51.072 ug/l
RT: 7.68 min Scan# 725
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.6	78.8





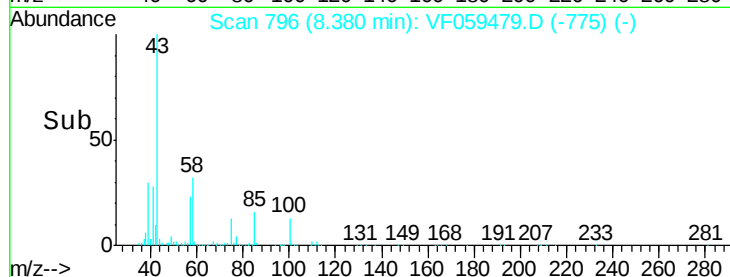
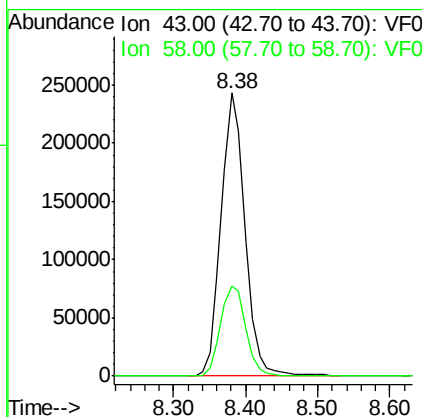
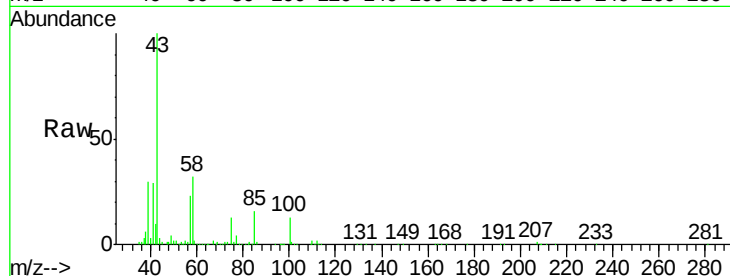
#51
4-Methyl-2-Pentanone
Concen: 255.815 ug/l
RT: 8.38 min Scan# 796
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 558183
Ion Ratio Lower Upper
43 100
58 31.9 27.4 41.2

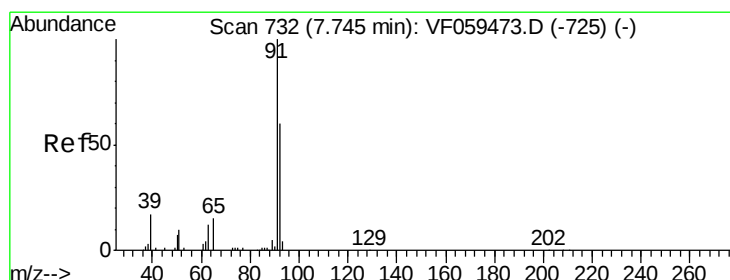
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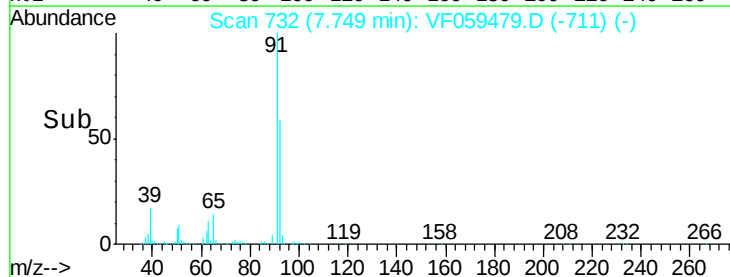
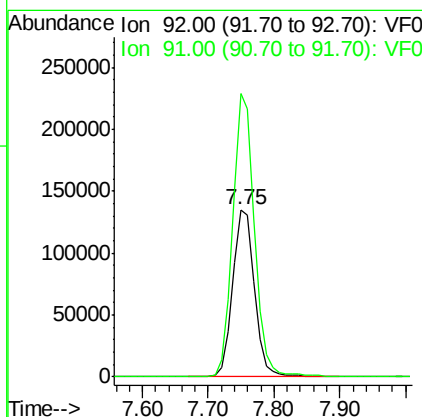
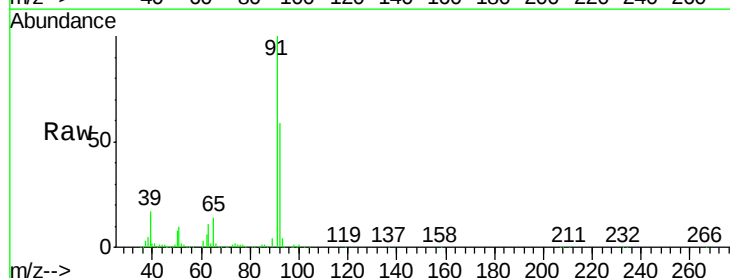
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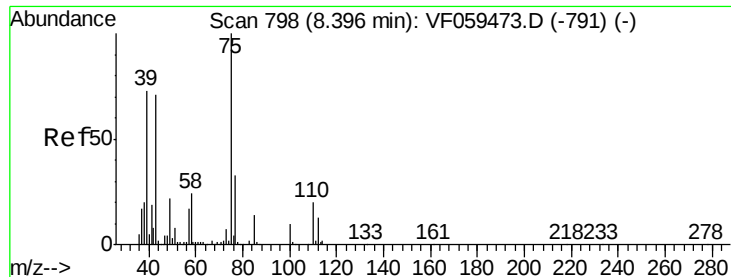
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#52
Toluene
Concen: 49.575 ug/l
RT: 7.75 min Scan# 732
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion: 92 Resp: 316274
Ion Ratio Lower Upper
92 100
91 169.0 134.3 201.5





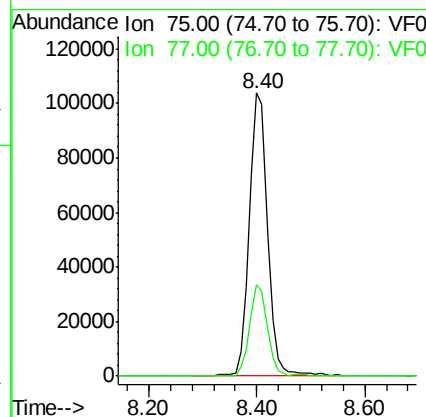
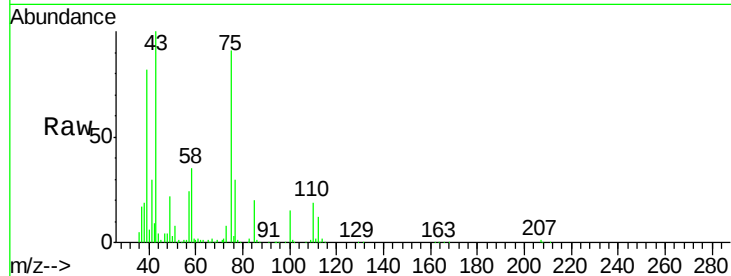
#53
t-1,3-Dichloropropene
Concen: 49.549 ug/l
RT: 8.40 min Scan# 798
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 245449
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6

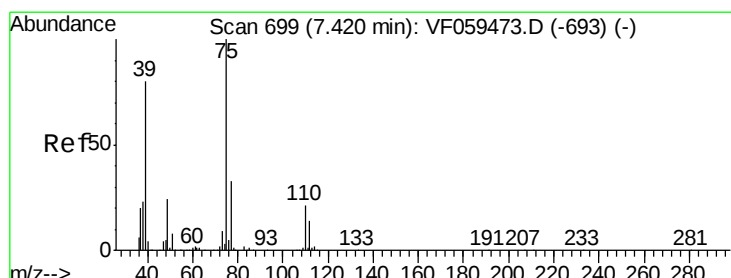
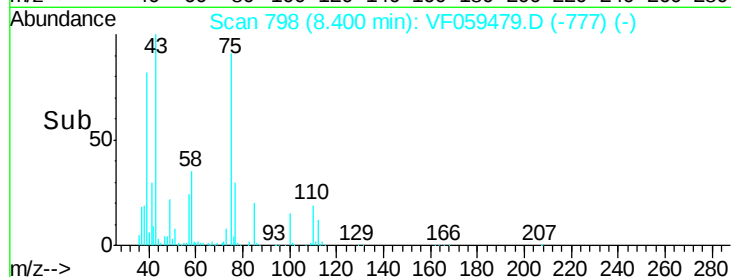
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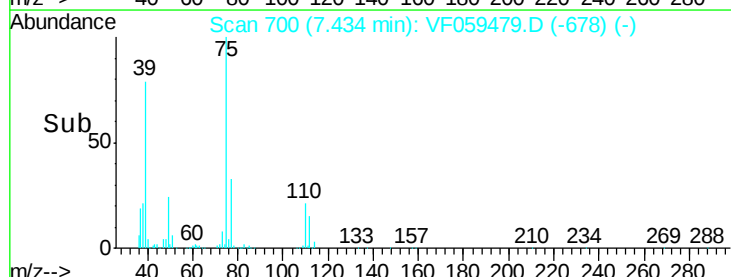
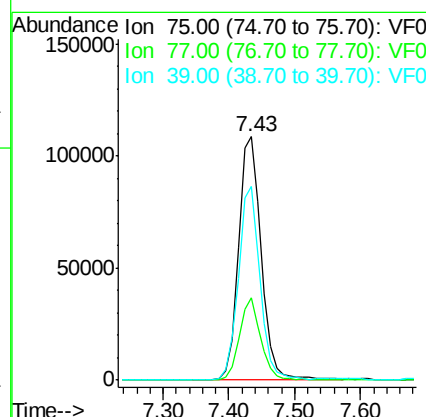
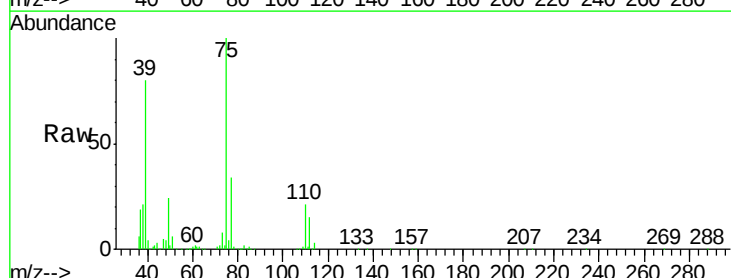
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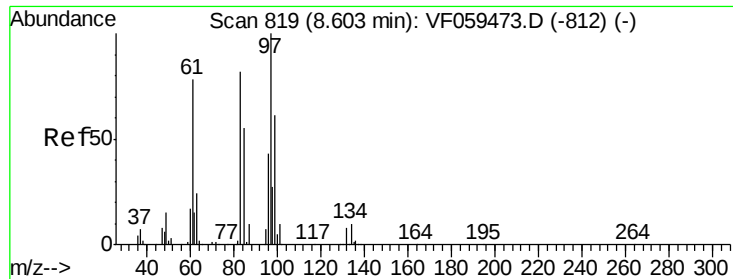
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#54
cis-1,3-Dichloropropene
Concen: 52.947 ug/l
RT: 7.43 min Scan# 700
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion: 75 Resp: 261804
Ion Ratio Lower Upper
75 100
77 33.6 26.2 39.4
39 79.6 64.5 96.7





#55

1,1,2-Trichloroethane

Concen: 47.071 ug/l

RT: 8.62 min Scan# 820

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

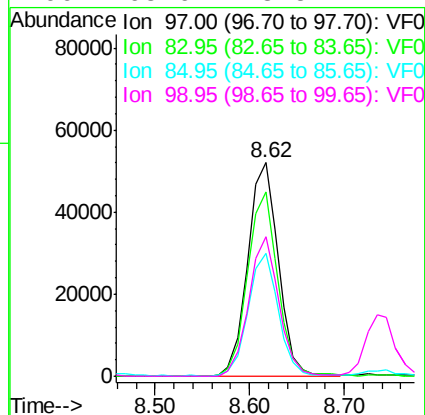
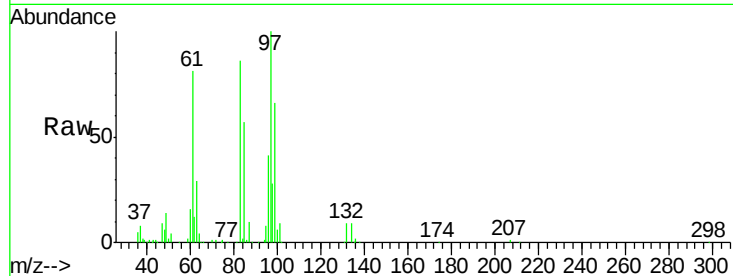
ClientSampleId :

VSTDCCC050

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		117158		
83	86.4	65.7	98.5		
85	57.5	43.8	65.6		
99	65.6	48.5	72.7		

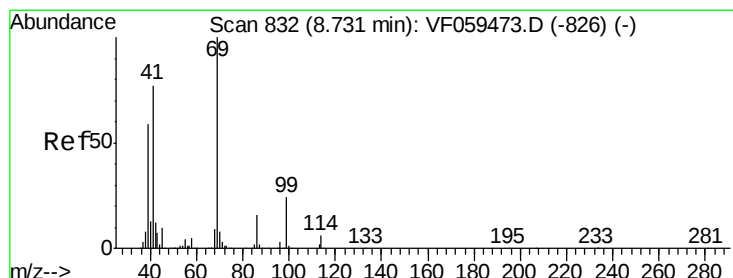
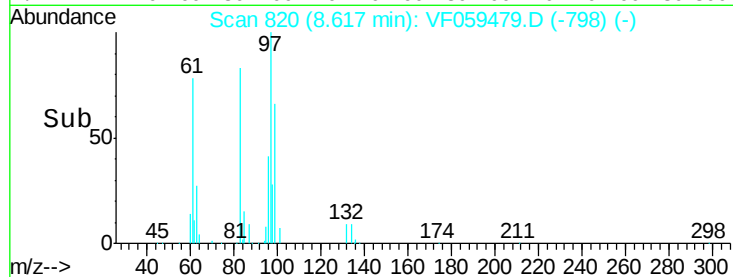
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#56

Ethyl methacrylate

Concen: 55.283 ug/l

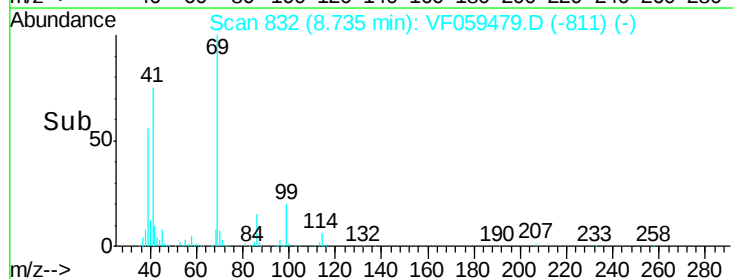
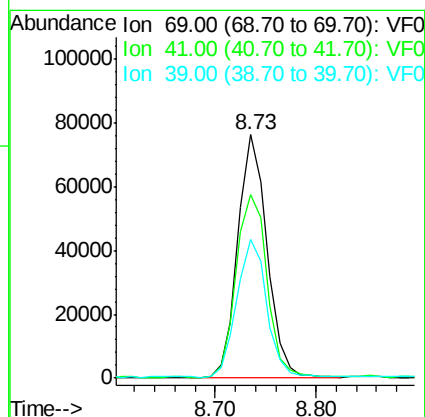
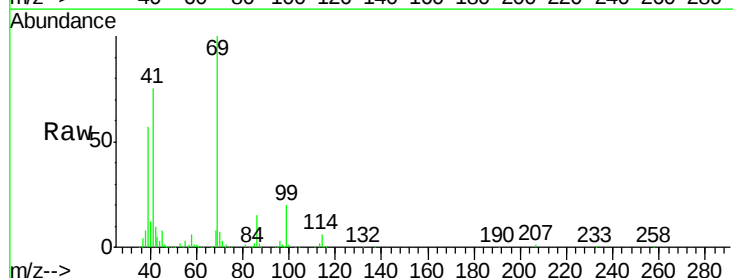
RT: 8.73 min Scan# 832

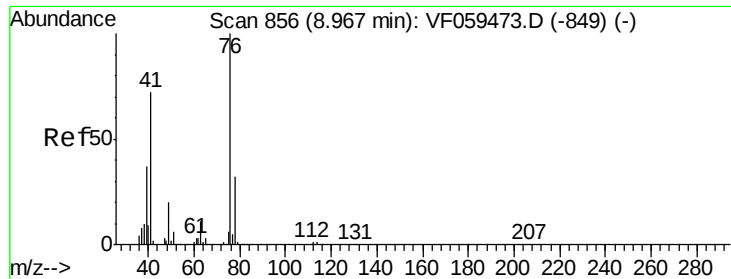
Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		155661		
41	75.1	62.2	93.4		
39	56.9	47.7	71.5		





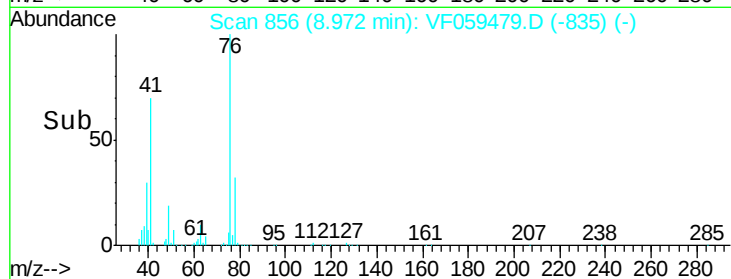
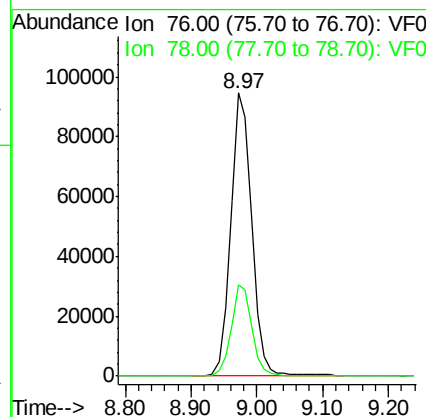
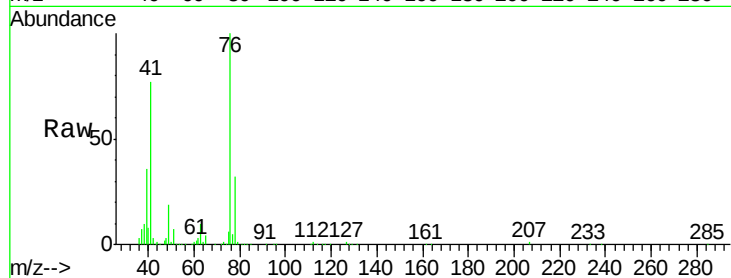
#57
 1,3-Dichloropropane
 Concen: 49.766 ug/l
 RT: 8.97 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VF059479.D
 Acq: 10 Jul 2018 12:25

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.2	37.8

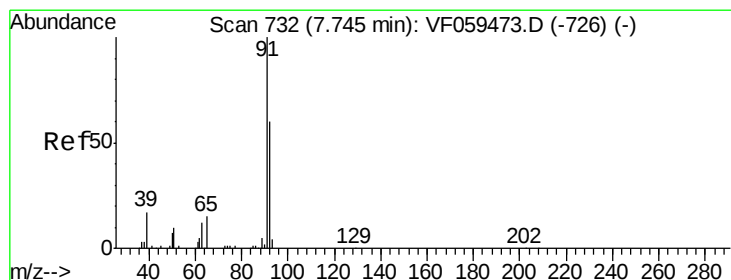
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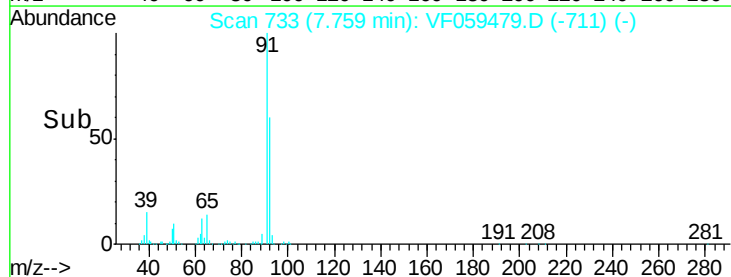
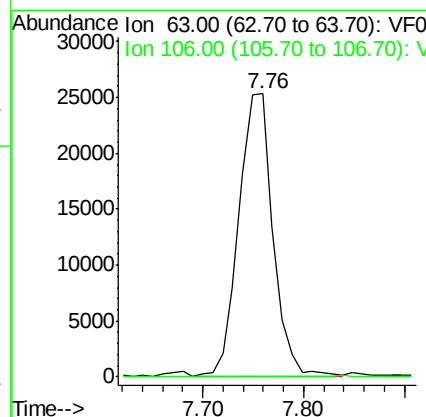
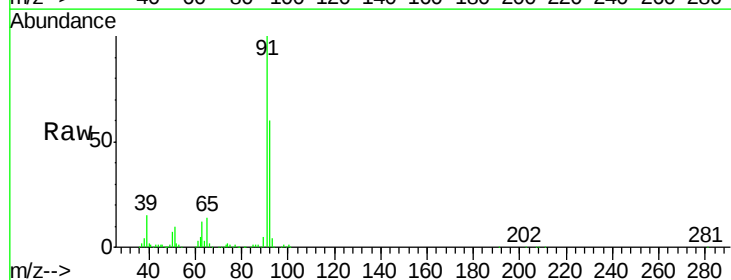
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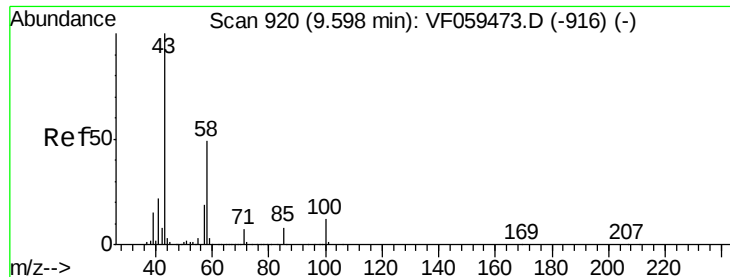
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#58
 2-Chloroethyl Vinyl ether
 Concen: 223.011 ug/l
 RT: 7.76 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: VF059479.D
 Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





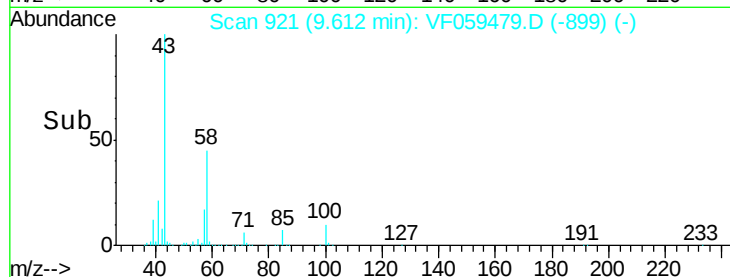
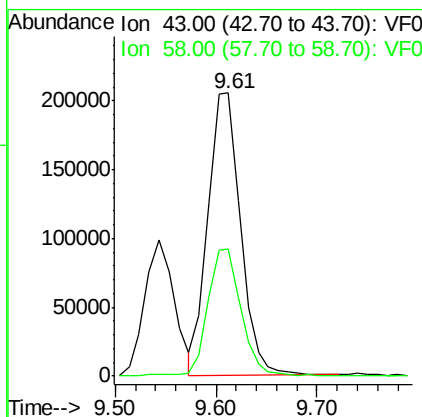
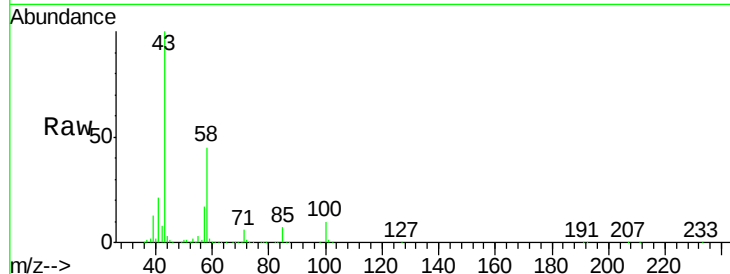
#59
2-Hexanone
Concen: 286.012 ug/l
RT: 9.61 min Scan# 921
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 463852
Ion Ratio Lower Upper
43 100
58 45.2 22.4 67.2

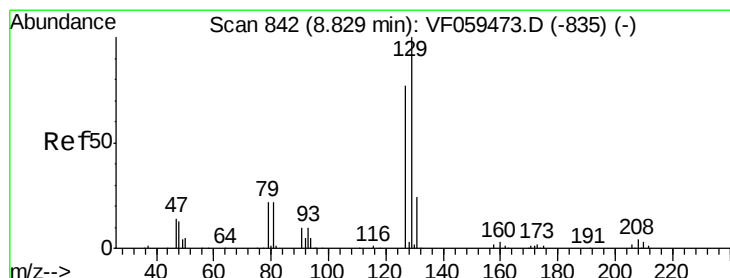
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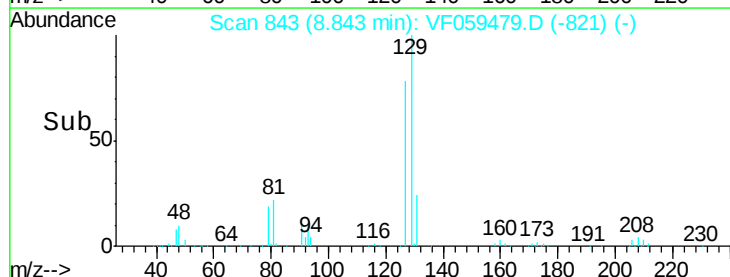
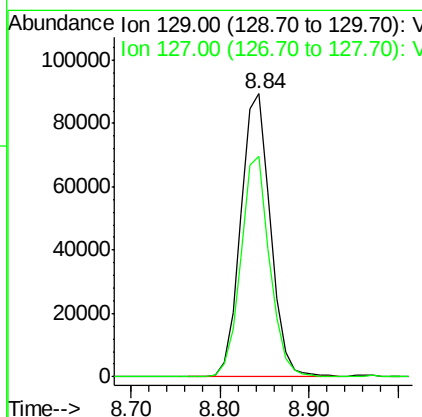
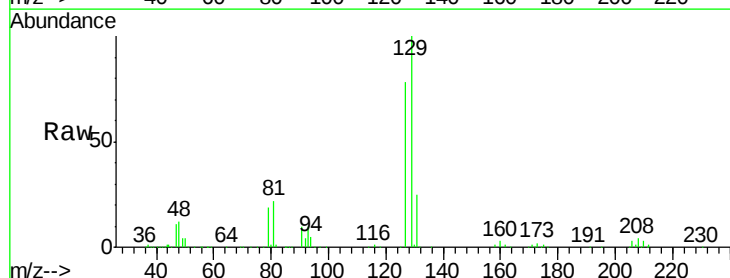
apatel

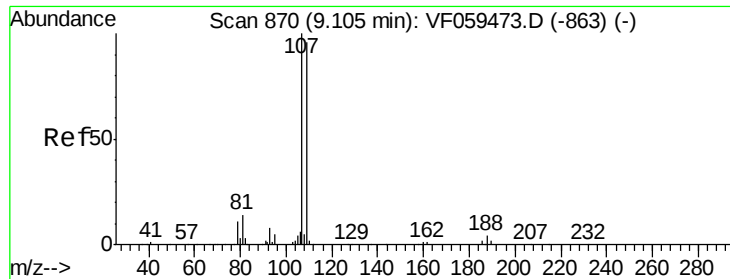
7/11/2018 11:11:46 AM



#60
Dibromochloromethane
Concen: 49.559 ug/l
RT: 8.84 min Scan# 843
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion: 129 Resp: 205522
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 47.567 ug/l

RT: 9.11 min Scan# 870

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 145477

Ion Ratio Lower Upper

107 100

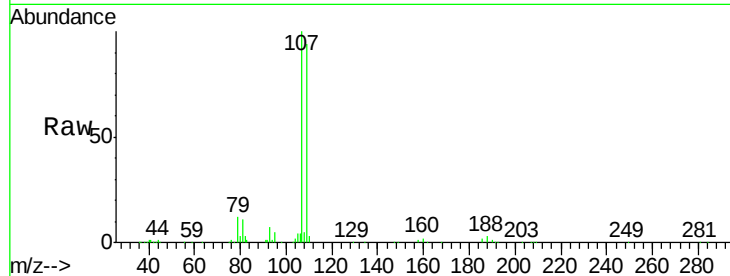
109 94.0 76.7 115.1

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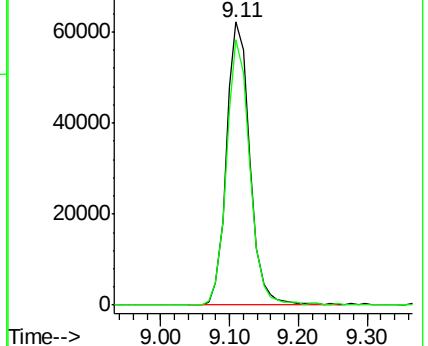
apatel

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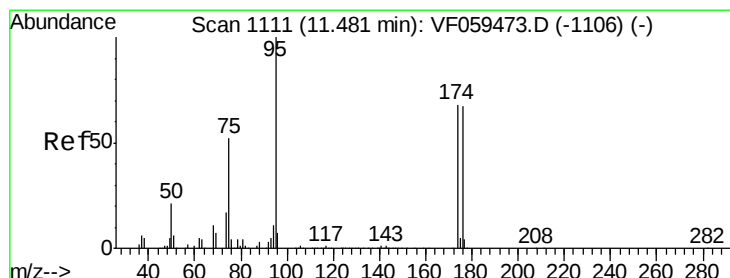
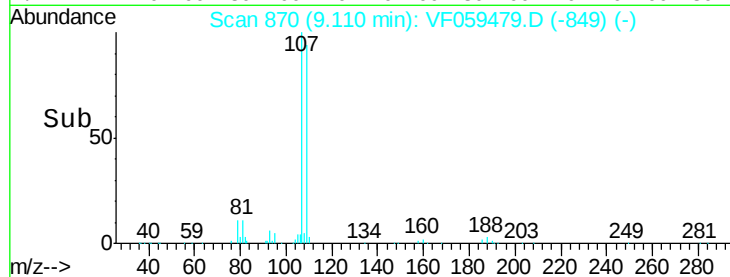
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



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#62

4-Bromofluorobenzene

Concen: 47.605 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

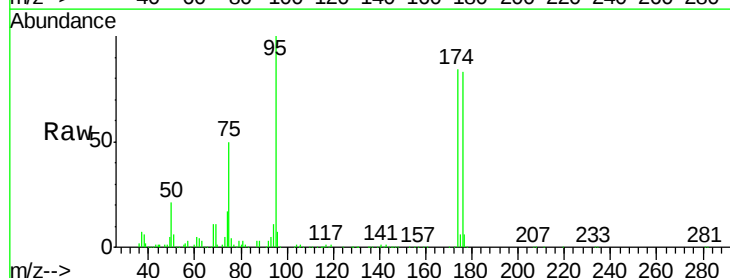
Tgt Ion: 95 Resp: 247383

Ion Ratio Lower Upper

95 100

174 84.2 0.0 137.0

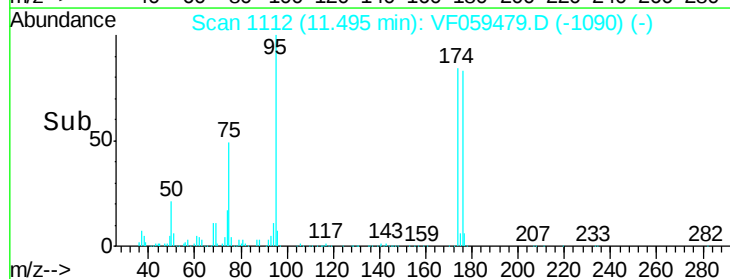
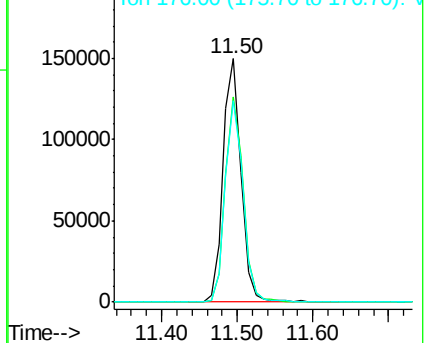
176 82.9 0.0 133.8

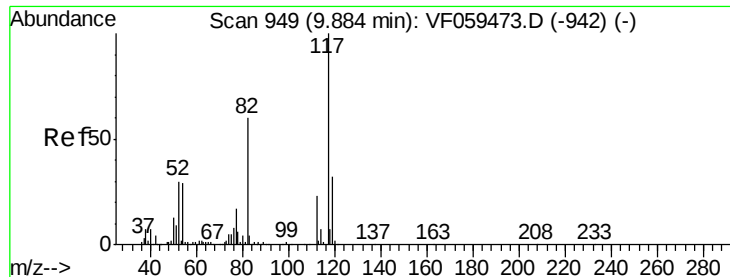


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





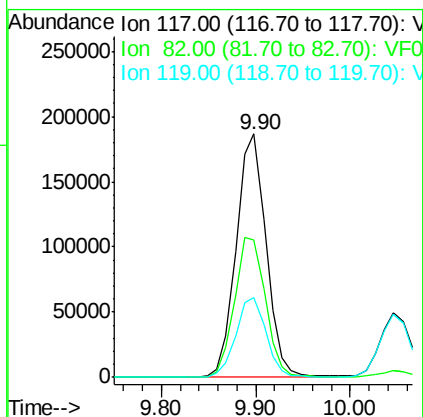
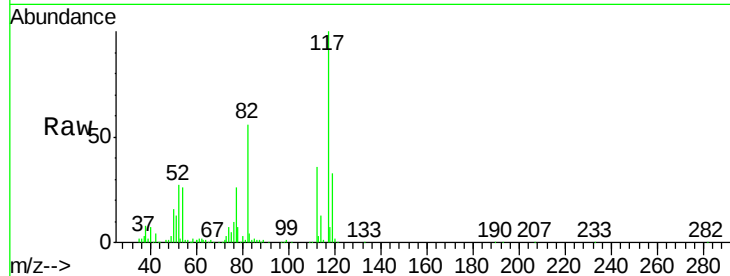
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	409279		
82	56.2	48.2	72.4	
119	32.7	25.7	38.5	

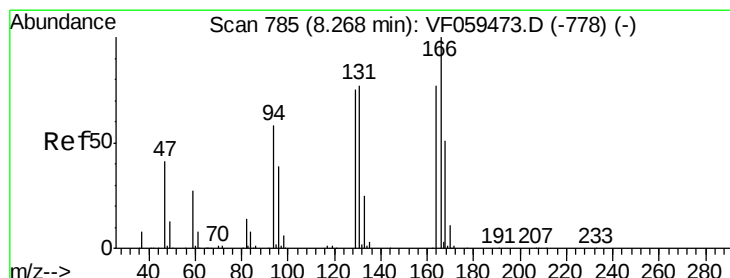
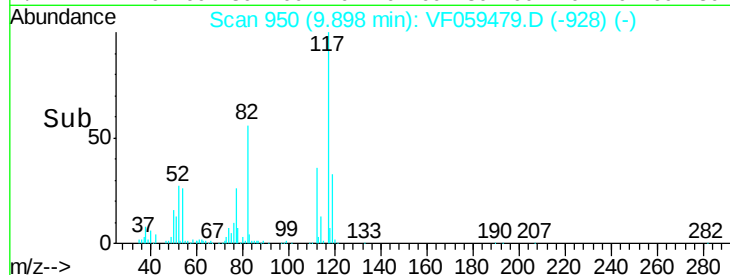
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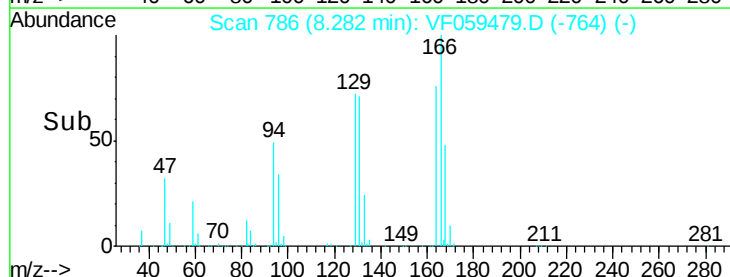
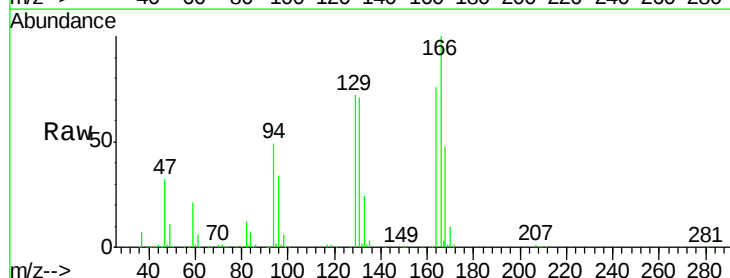
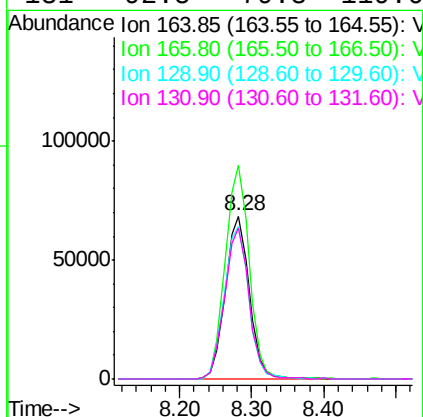
apatel

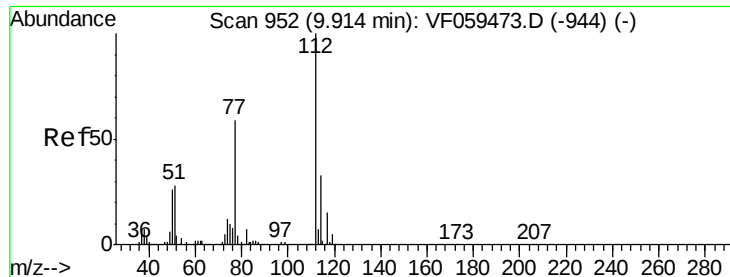
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#64
Tetrachloroethene
Concen: 46.449 ug/l
RT: 8.28 min Scan# 786
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159226		
166	130.9	103.5	155.3	
129	93.7	77.6	116.4	
131	92.5	79.8	119.6	





#65

Chlorobenzene

Concen: 50.247 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 400752

Ion Ratio Lower Upper

112 100

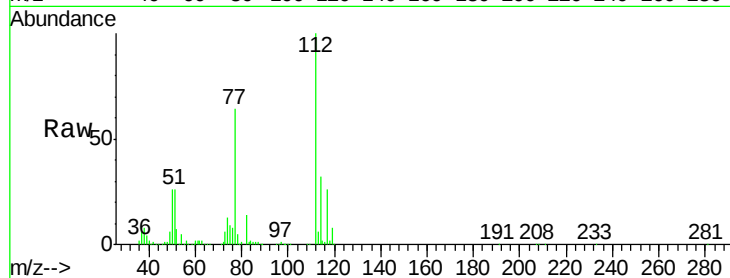
114 32.5 26.2 39.2

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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.92

200000

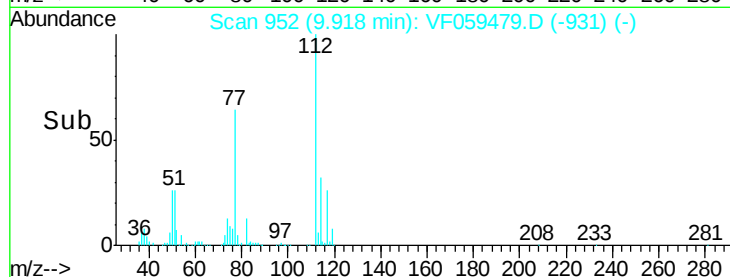
150000

100000

50000

0

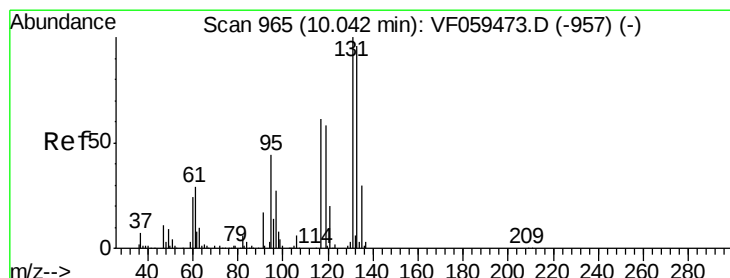
Time-->



Time-->

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#66

1,1,1,2-Tetrachloroethane

Concen: 47.633 ug/l

RT: 10.05 min Scan# 965

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

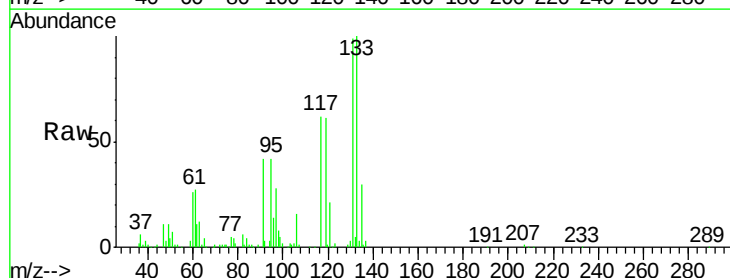
Tgt Ion:131 Resp: 175029

Ion Ratio Lower Upper

131 100

133 101.1 48.1 144.3

119 61.9 29.3 87.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

10.05

100000

80000

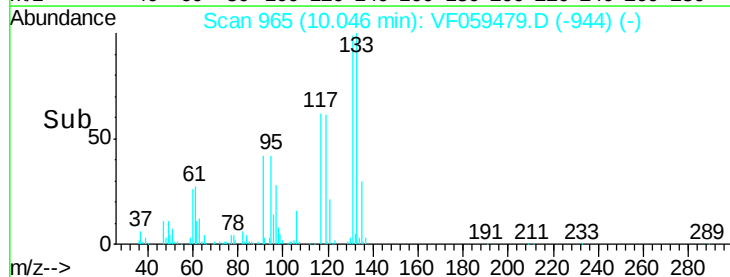
60000

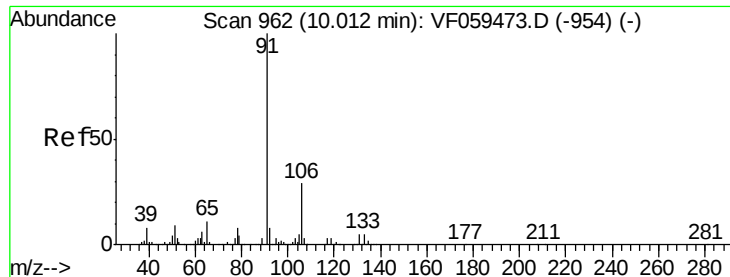
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 49.981 ug/l

RT: 10.02 min Scan# 962

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 693114

Ion Ratio Lower Upper

91 100

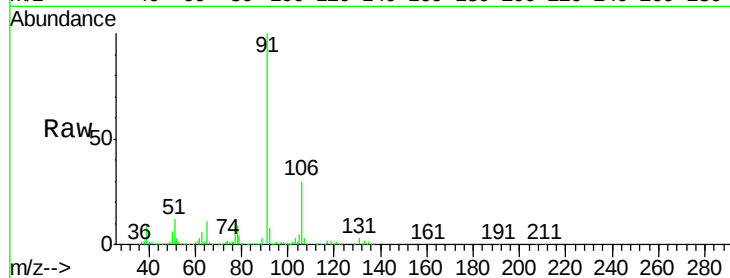
106 30.3 23.0 34.6

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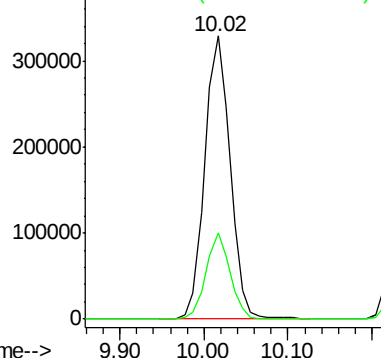
apatel

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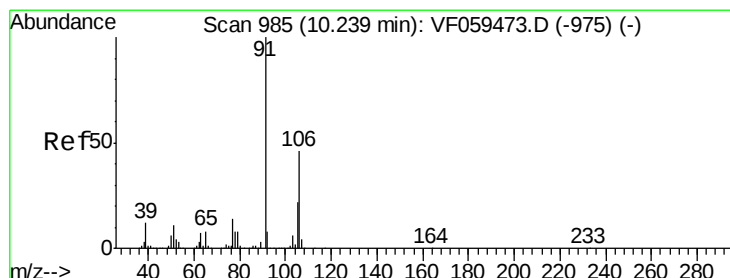
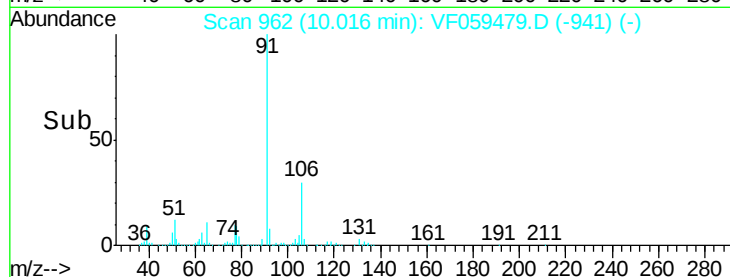
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



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#68

m/p-Xylenes

Concen: 99.072 ug/l

RT: 10.24 min Scan# 985

Delta R.T. 0.00 min

Lab File: VF059479.D

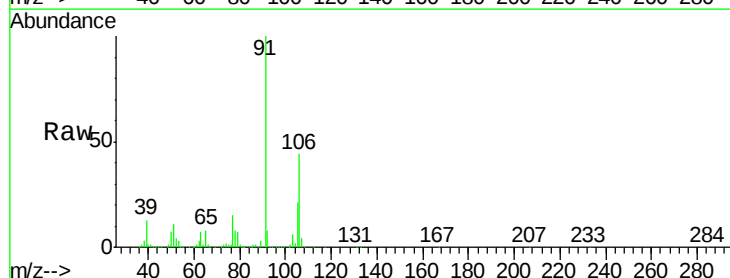
Acq: 10 Jul 2018 12:25

Tgt Ion: 106 Resp: 484172

Ion Ratio Lower Upper

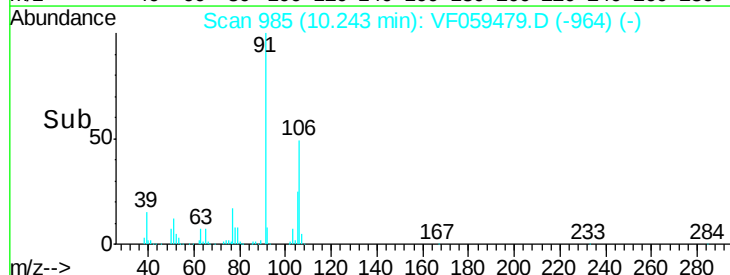
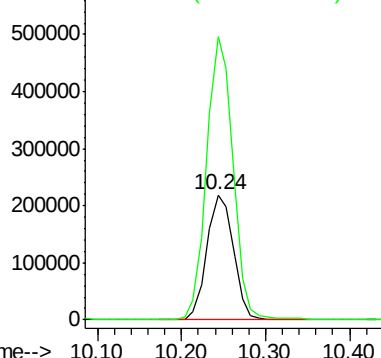
106 100

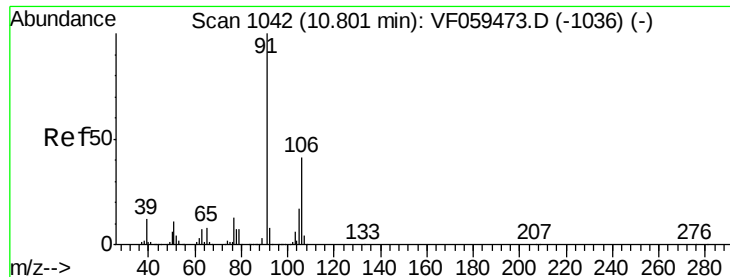
91 226.2 173.5 260.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





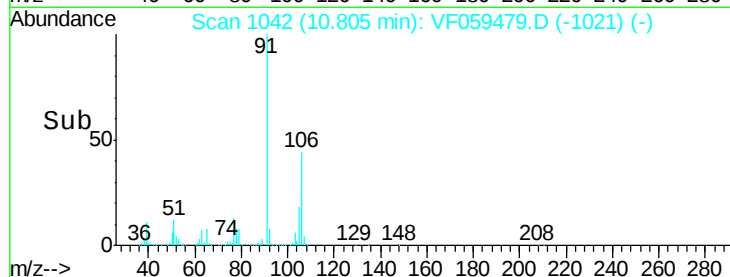
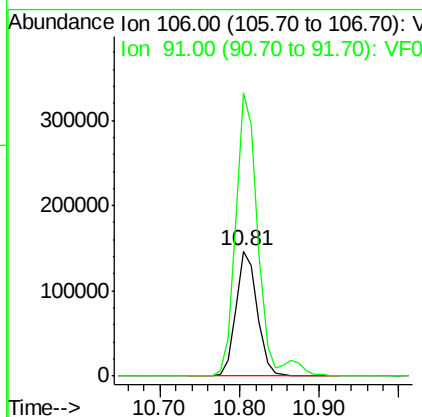
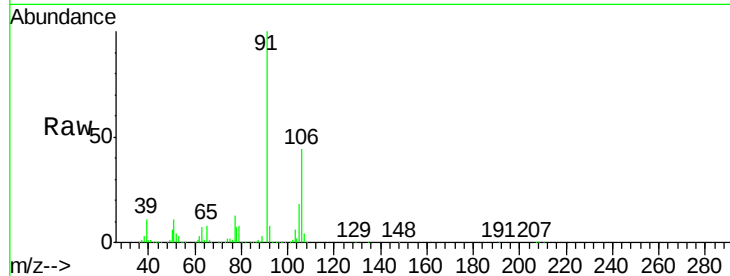
#69
o-Xylene
Concen: 52.450 ug/l
RT: 10.81 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 275900
Ion Ratio Lower Upper
106 100
91 226.9 121.8 365.3

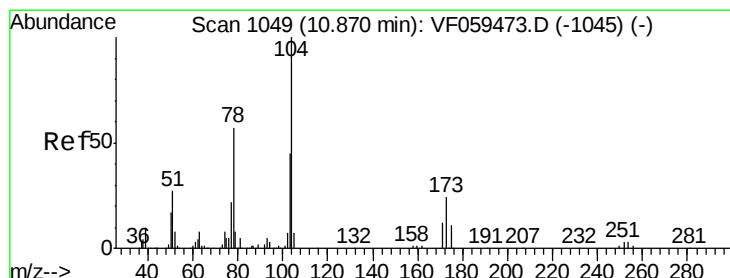
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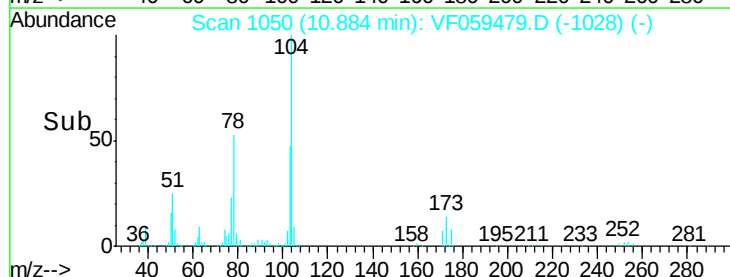
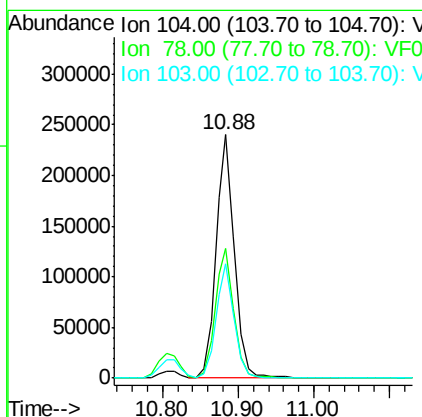
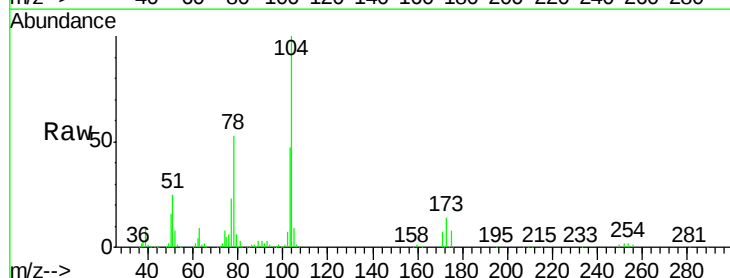
apatel

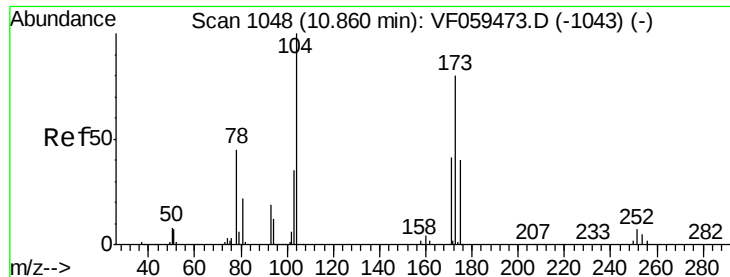
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#70
Styrene
Concen: 49.499 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion:104 Resp: 405774
Ion Ratio Lower Upper
104 100
78 53.5 46.2 69.2
103 46.7 36.8 55.2





#71

Bromoform

Concen: 50.179 ug/l

RT: 10.87 min Scan# 1049

Delta R.T. 0.01 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

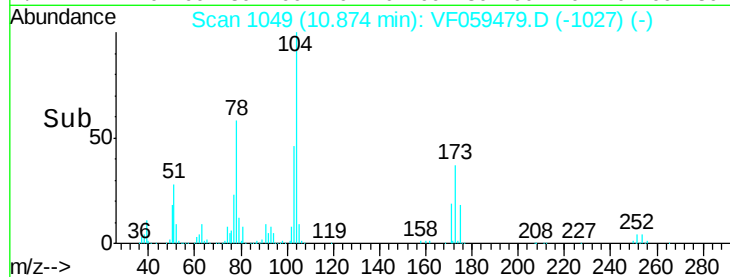
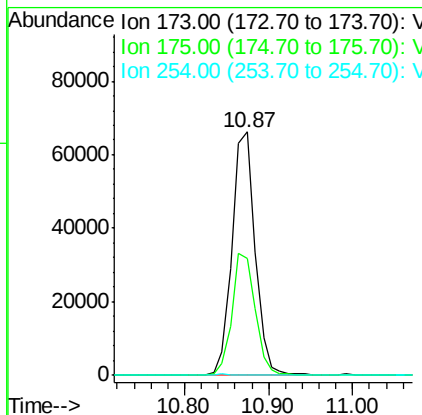
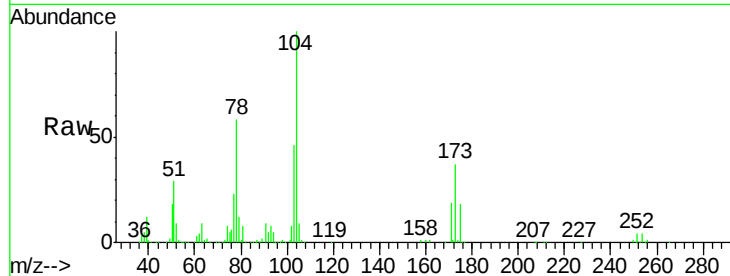
VSTDCCC050

Tgt Ion:	173	Resp:	127001
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.9	74.8
254	0.0	0.0	0.0

Manual Integrations
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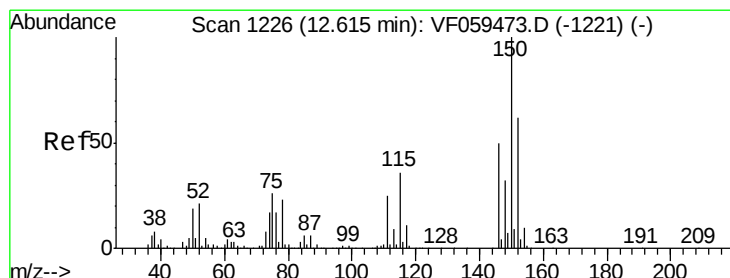
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

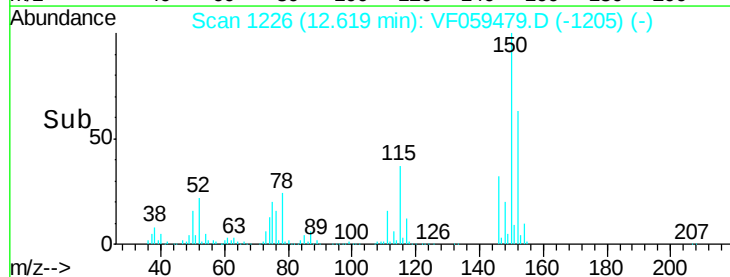
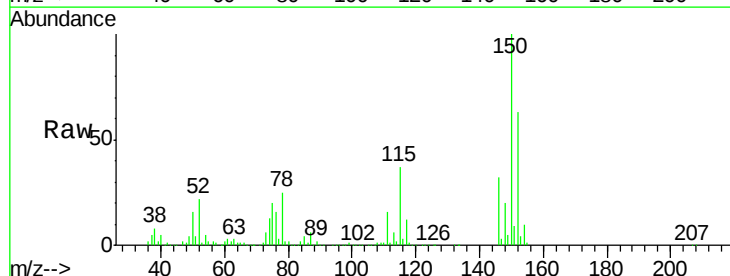
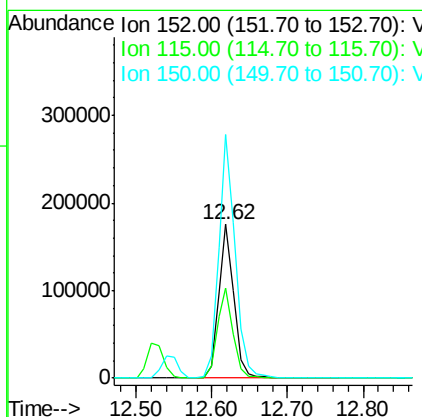
RT: 12.62 min Scan# 1226

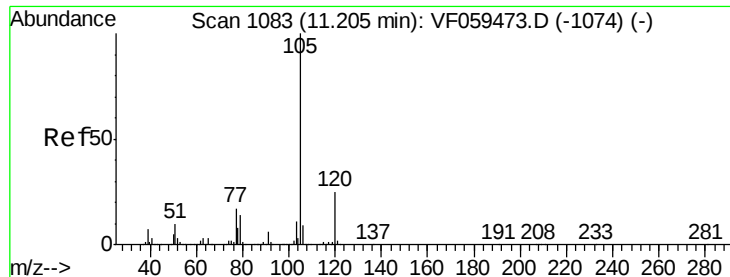
Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion:	152	Resp:	250173
Ion Ratio	Lower	Upper	
152	100		
115	58.6	28.7	86.3
150	158.5	0.0	323.8





#73

Isopropylbenzene

Concen: 52.357 ug/l

RT: 11.21 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 796169

Ion Ratio Lower Upper

105 100

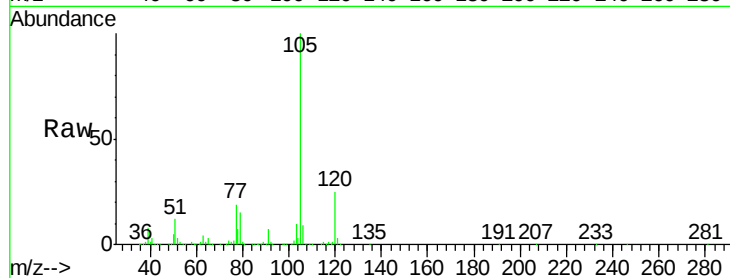
120 24.9 12.4 37.2

Manual Integrations

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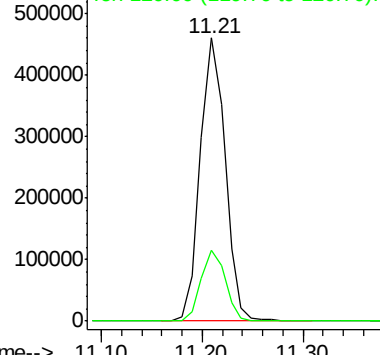
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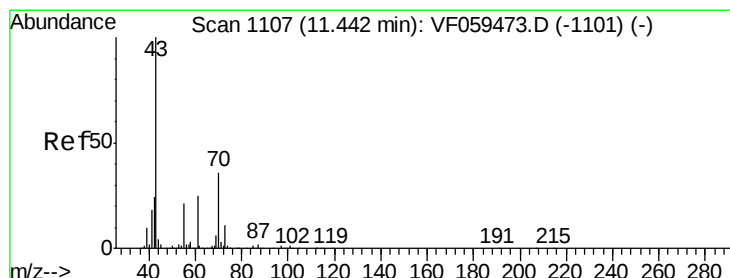
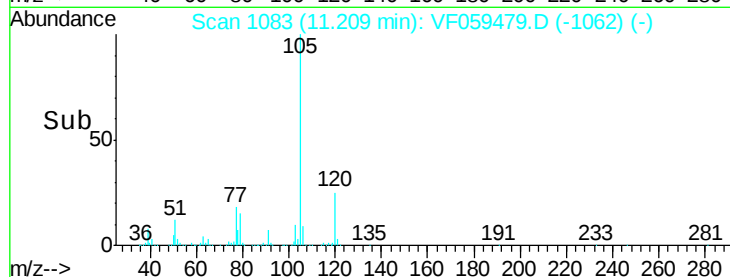
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



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#74

N-ethyl acetate

Concen: 59.301 ug/l

RT: 11.45 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion: 43 Resp: 275281

Ion Ratio Lower Upper

43 100

70 32.6 28.7 43.1

55 18.8 16.6 24.8

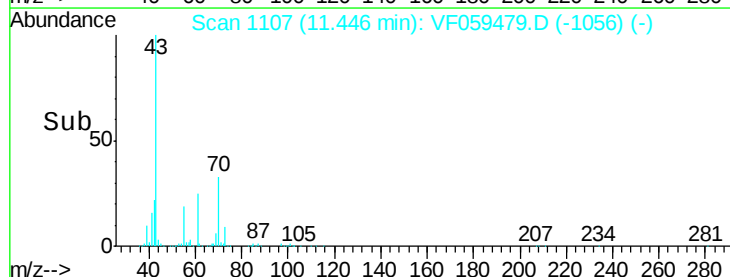
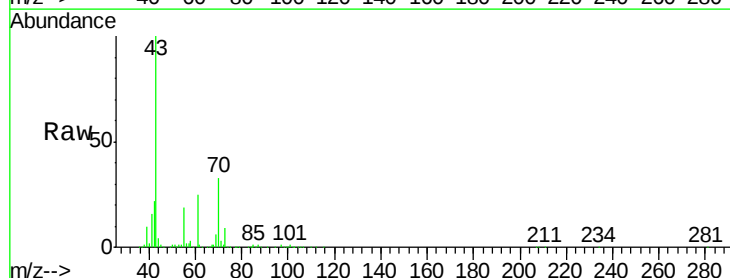
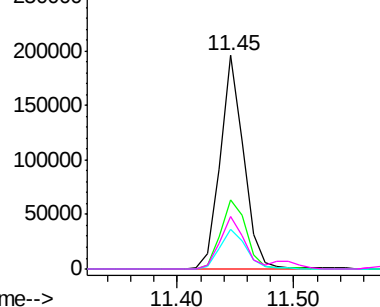
61 24.6 20.1 30.1

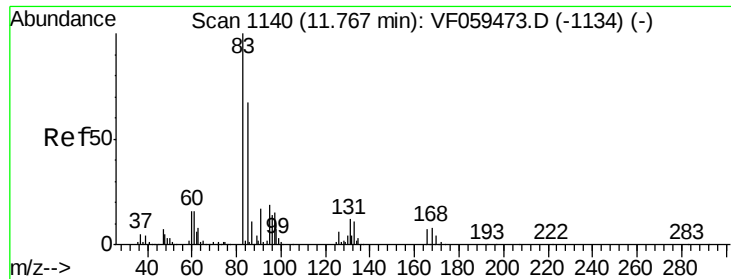
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.429 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

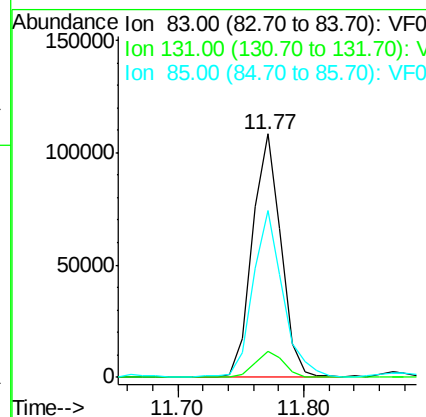
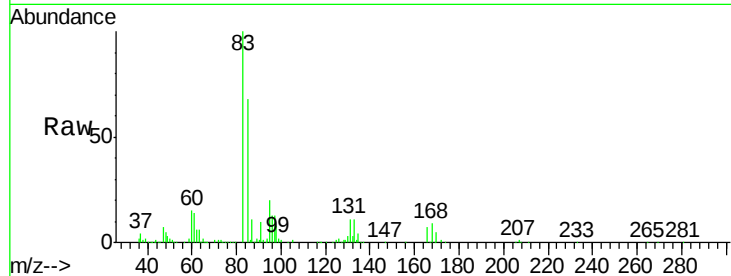
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	170847
Ion Ratio	Lower	Upper	
83	100		
131	10.9	6.0	18.0
85	68.4	33.7	101.1

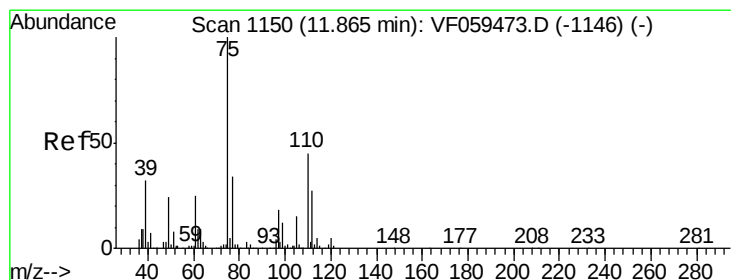
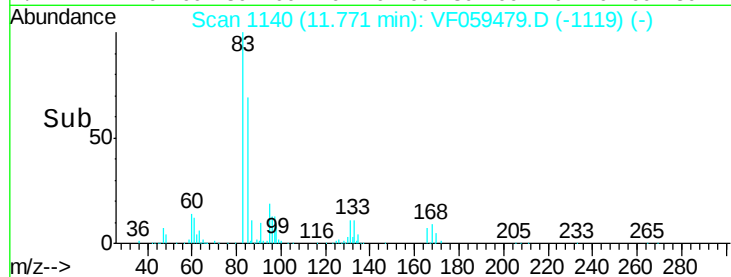
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#76

1,2,3-Trichloropropane

Concen: 48.364 ug/l

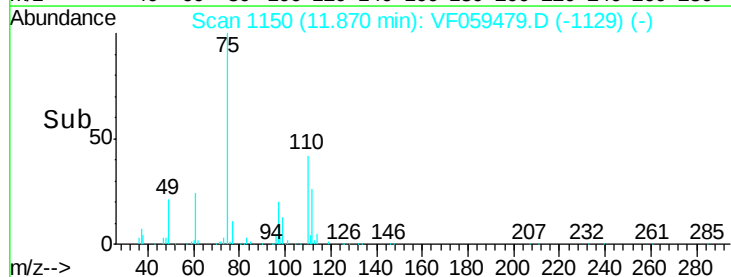
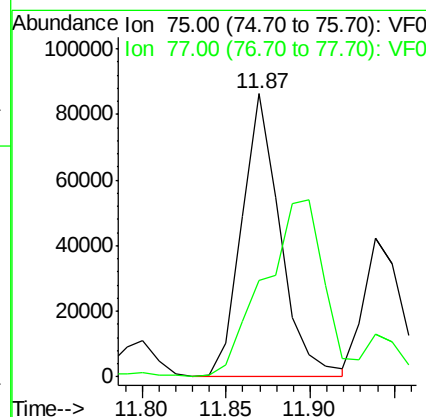
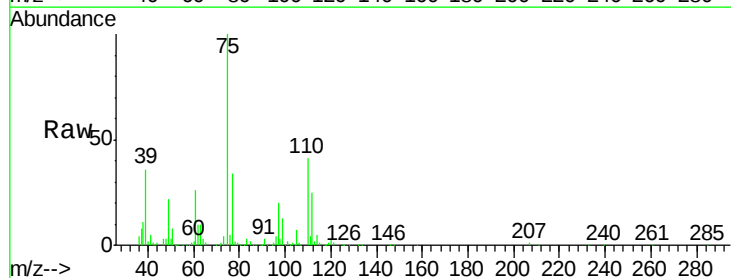
RT: 11.87 min Scan# 1150

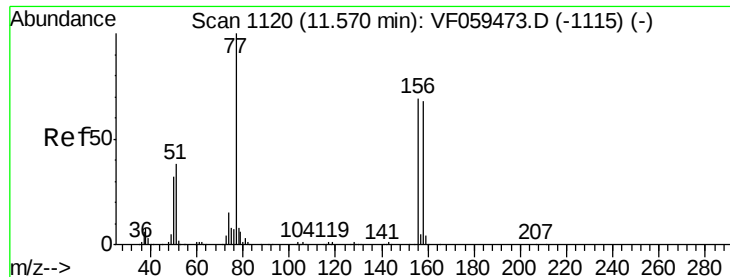
Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion:	75	Resp:	136104
Ion Ratio	Lower	Upper	
75	100		
77	34.0	16.9	50.6





#77

Bromobenzene

Concen: 51.233 ug/l

RT: 11.57 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

ClientSampleId :

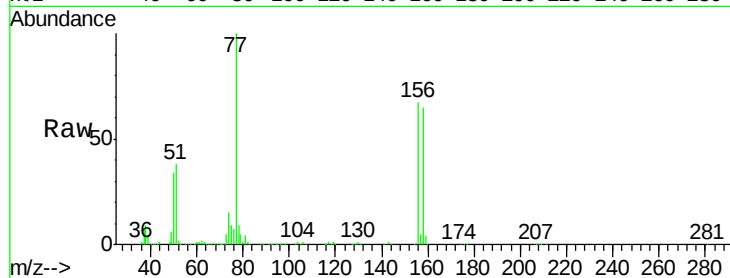
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.3	72.4	217.2
158	97.4	49.5	148.3

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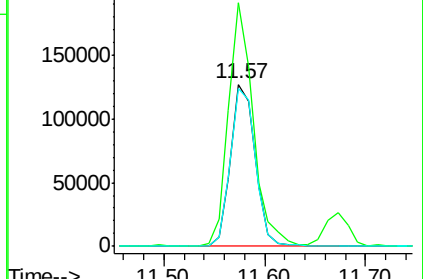
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Abundance Ion 156.00 (155.70 to 156.70): V

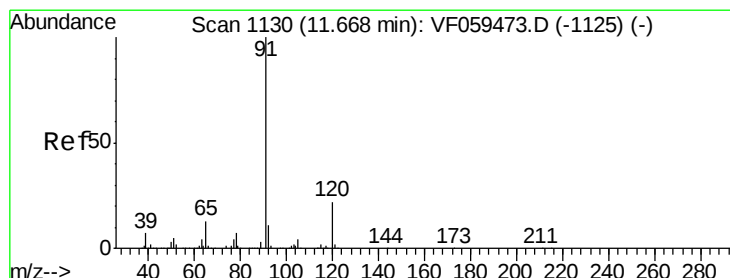
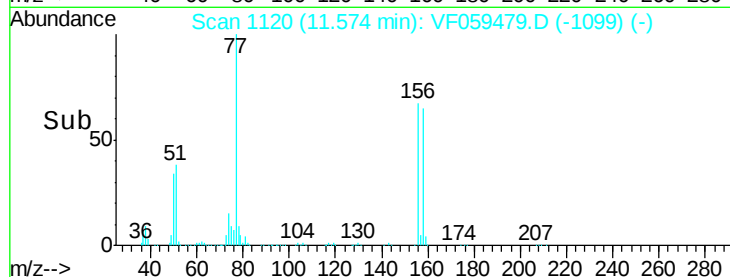
Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



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#78

n-propylbenzene

Concen: 50.402 ug/l

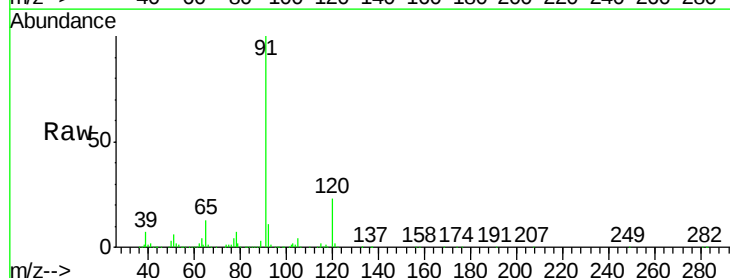
RT: 11.67 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VF059479.D

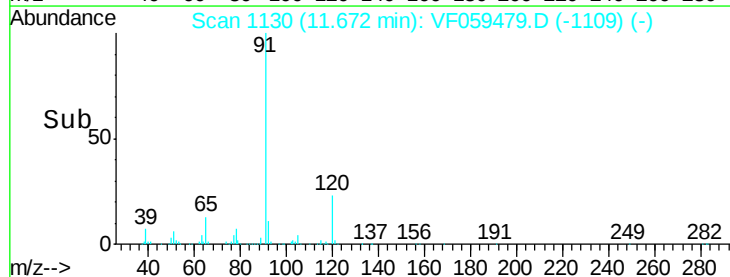
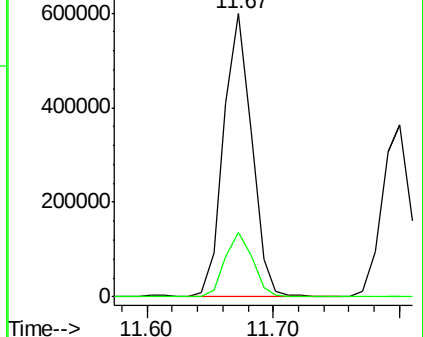
Acq: 10 Jul 2018 12:25

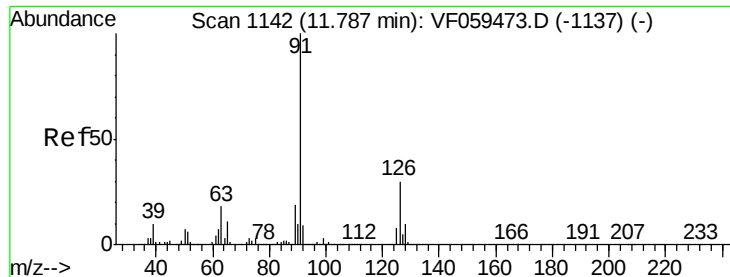
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





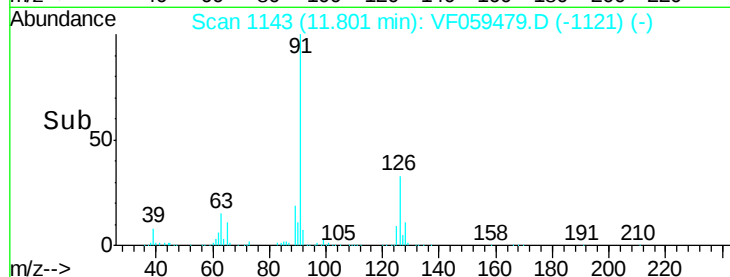
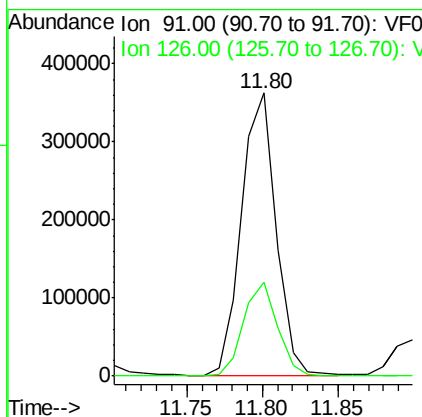
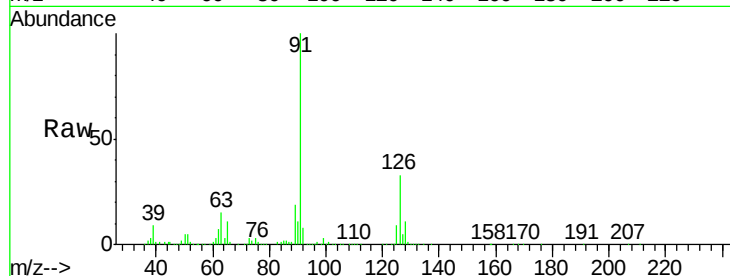
#79
2-Chlorotoluene
Concen: 50.780 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 573721
Ion Ratio Lower Upper
91 100
126 33.3 15.2 45.5

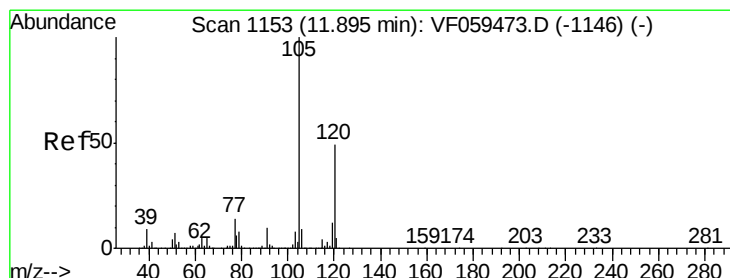
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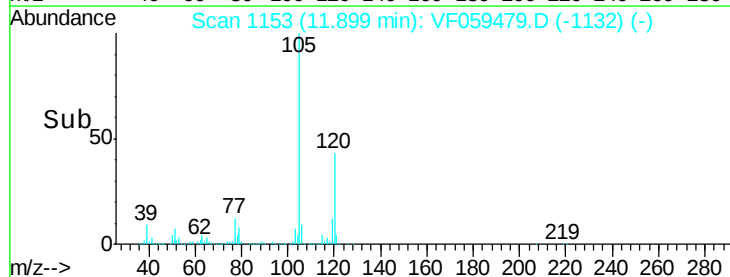
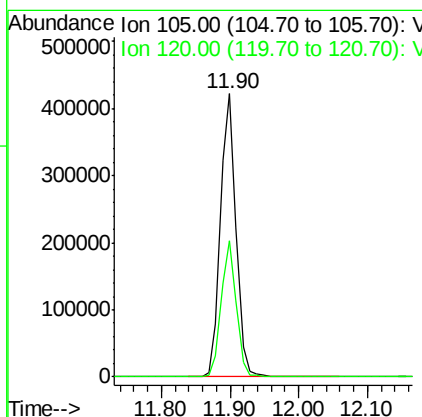
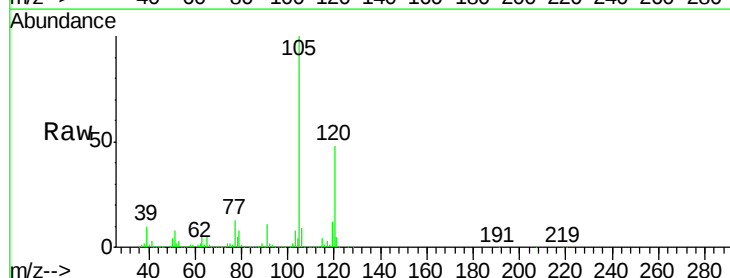
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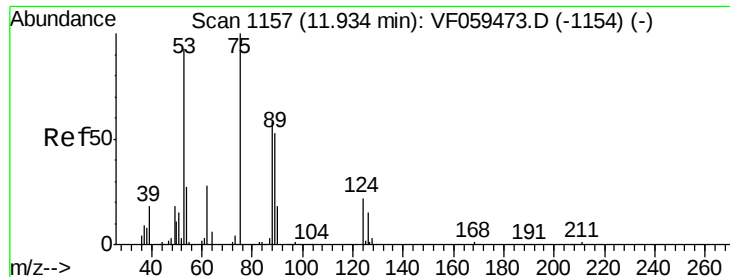
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#80
1,3,5-Trimethylbenzene
Concen: 49.074 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion: 105 Resp: 661282
Ion Ratio Lower Upper
105 100
120 47.9 24.4 73.2





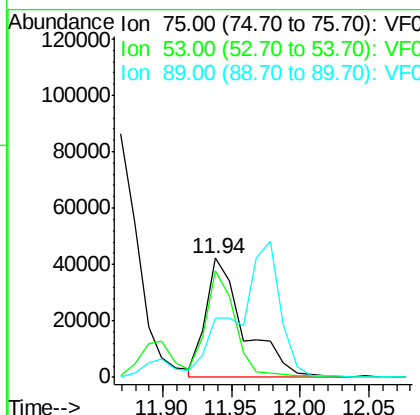
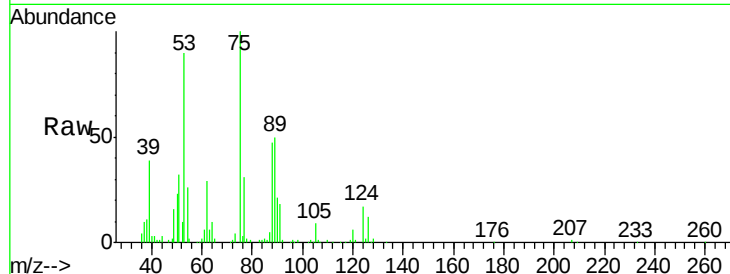
#81
trans-1,4-Dichloro-2-butene
Concen: 56.046 ug/l
RT: 11.94 min Scan# 1157
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.7	79.0	118.6
89	50.1	45.9	68.9

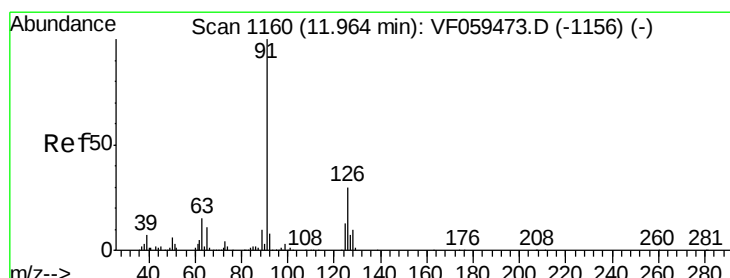
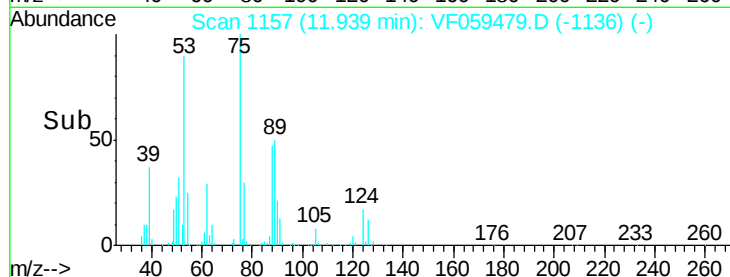
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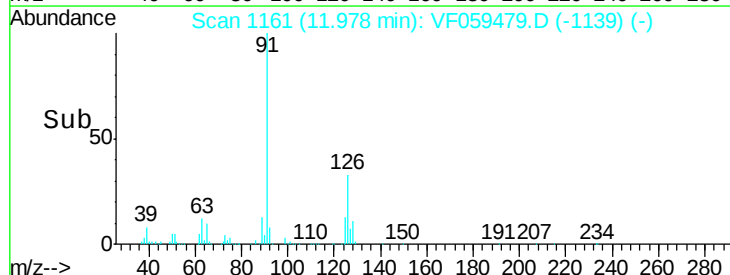
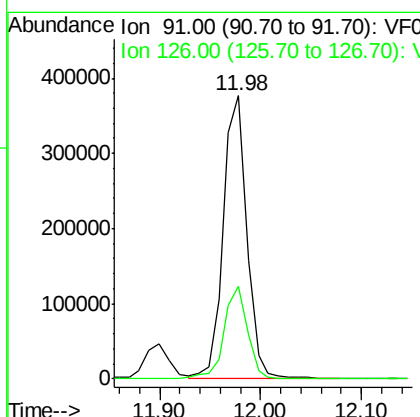
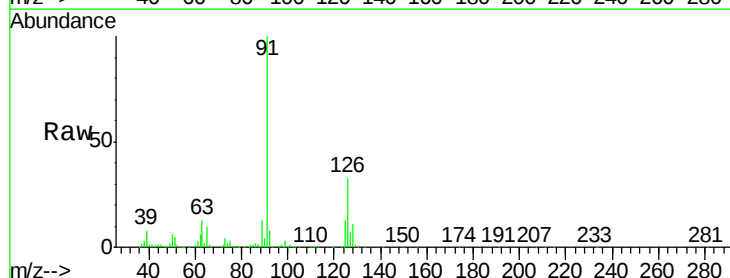
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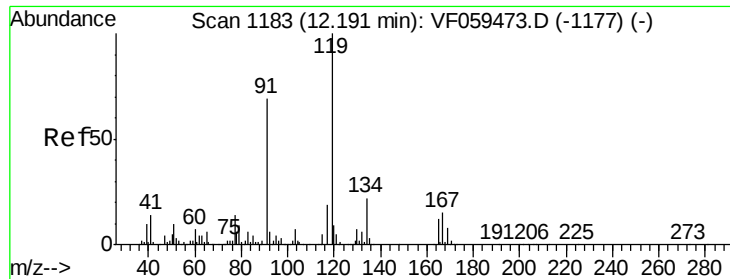
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#82
4-Chlorotoluene
Concen: 50.893 ug/l
RT: 11.98 min Scan# 1161
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	14.9	44.5





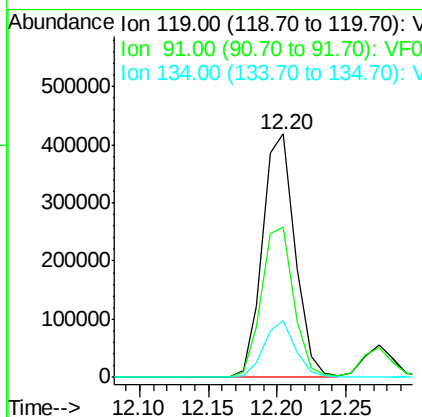
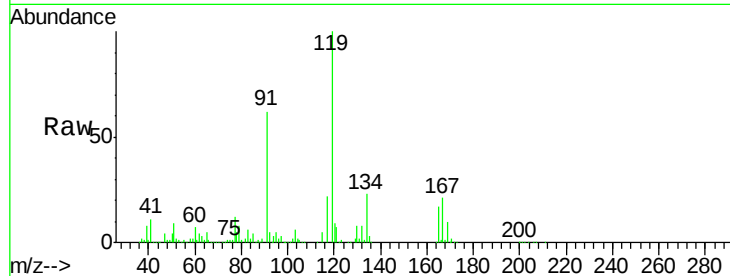
#83
tert-Butylbenzene
Concen: 52.870 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.6	34.4	103.3
134	23.4	10.8	32.4

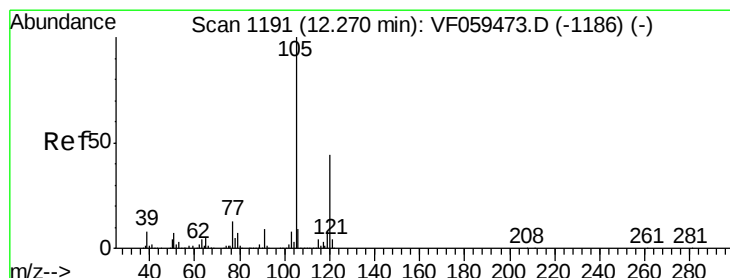
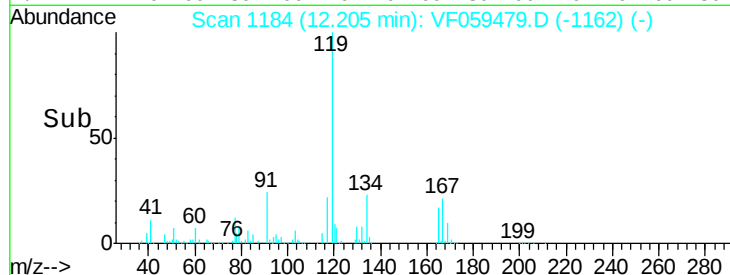
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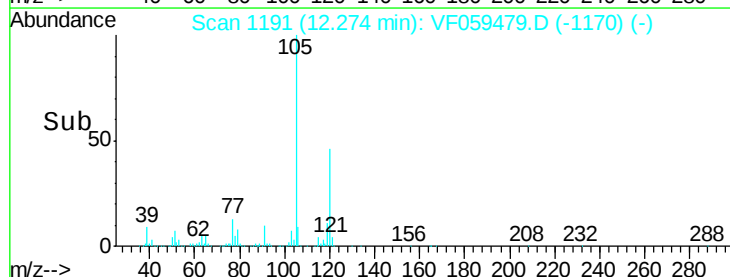
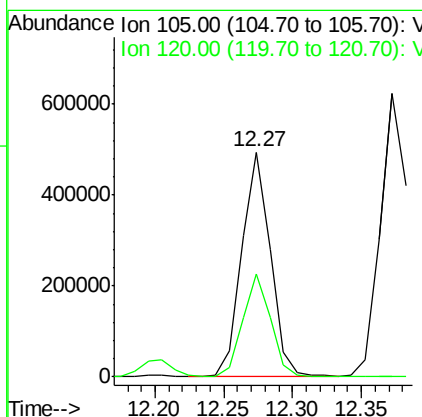
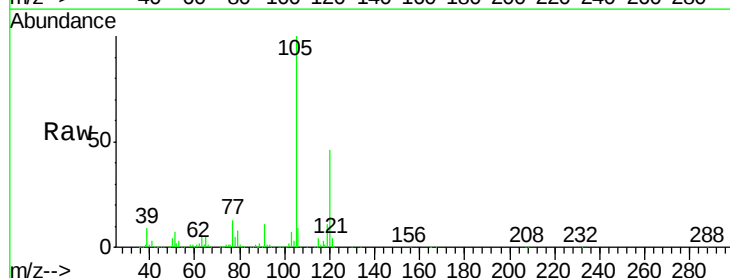
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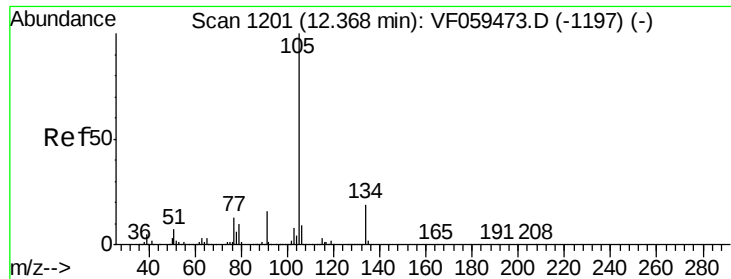
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#84
1,2,4-Trimethylbenzene
Concen: 50.765 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.1	66.1





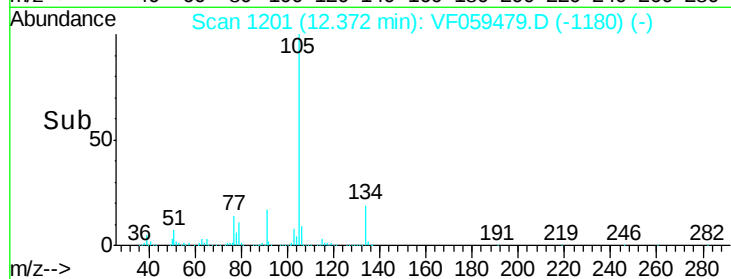
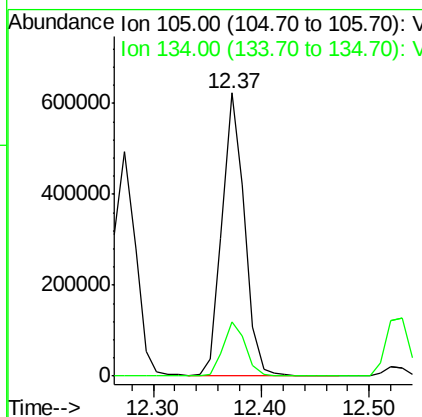
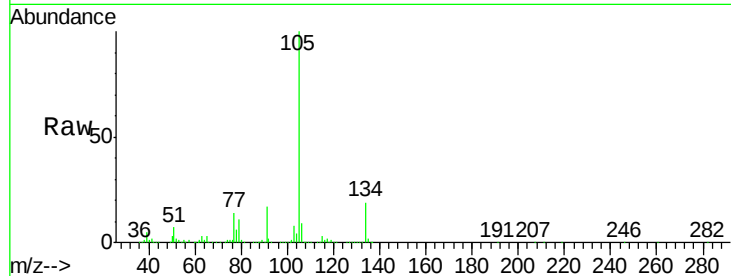
#85
 sec-Butylbenzene
 Concen: 50.788 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VF059479.D
 Acq: 10 Jul 2018 12:25

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	898339		
134	19.1	9.6	28.6	

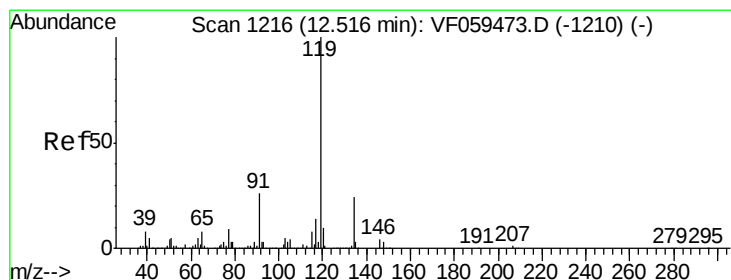
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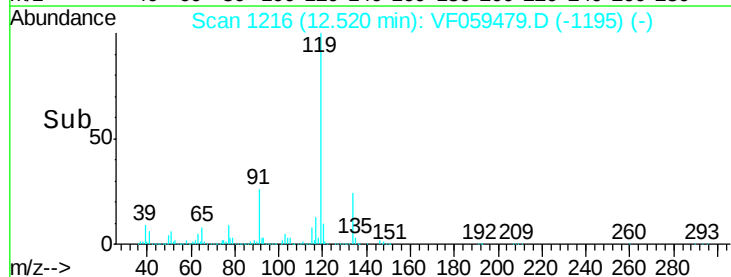
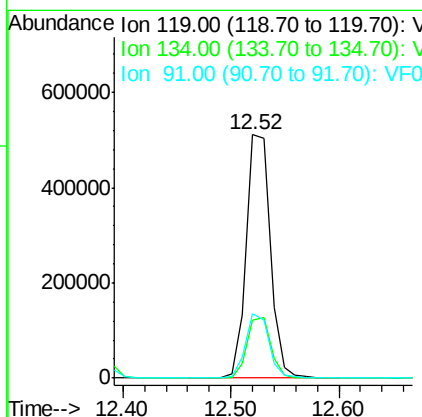
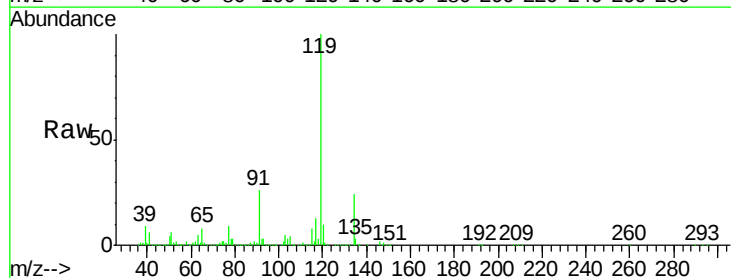
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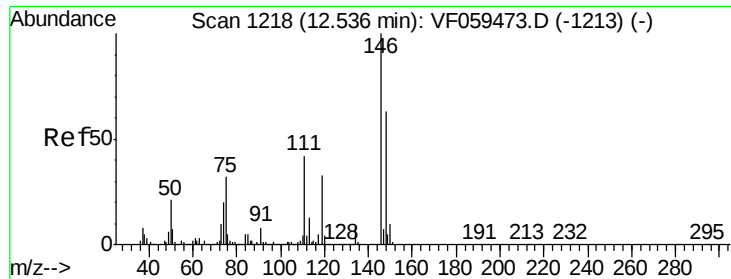
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#86
 p-Isopropyltoluene
 Concen: 52.196 ug/l
 RT: 12.52 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: VF059479.D
 Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	789619		
134	23.7	12.2	36.4	
91	26.5	13.1	39.3	





#87

1,3-Dichlorobenzene

Concen: 47.021 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Instrument :

MSVOA_F

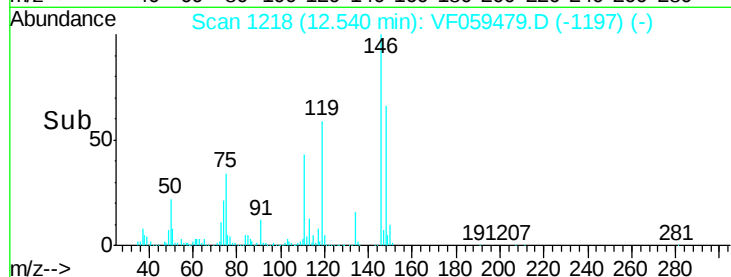
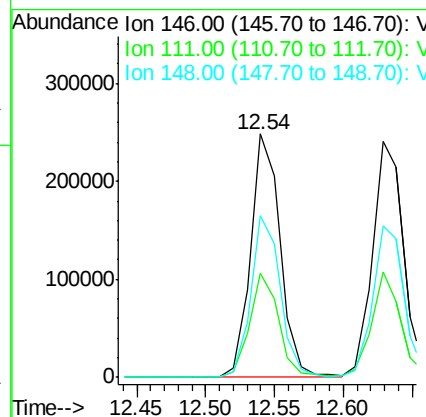
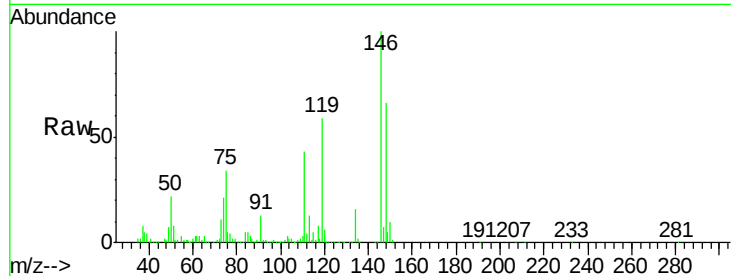
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	374805
Ion Ratio	Lower	Upper	
146	100		
111	42.8	21.0	63.0
148	66.4	31.6	94.8

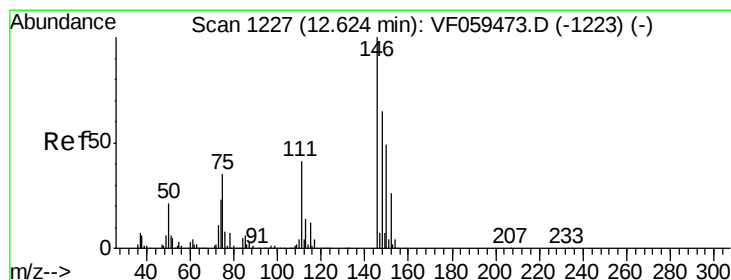
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#88

1,4-Dichlorobenzene

Concen: 48.994 ug/l

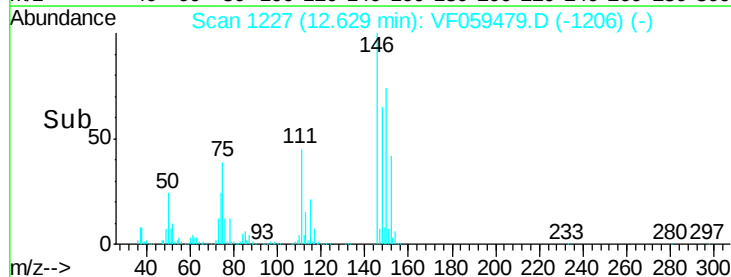
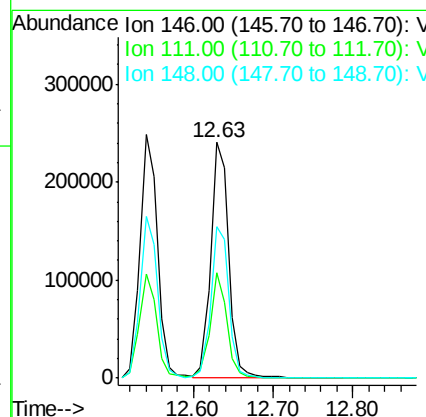
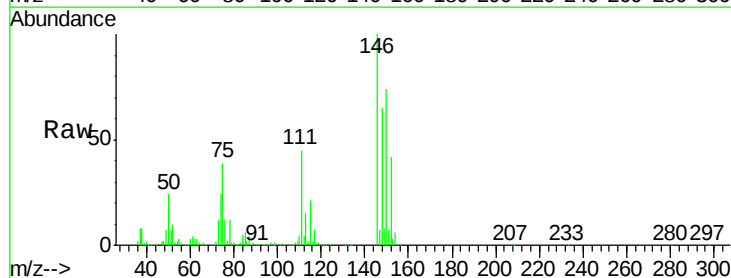
RT: 12.63 min Scan# 1227

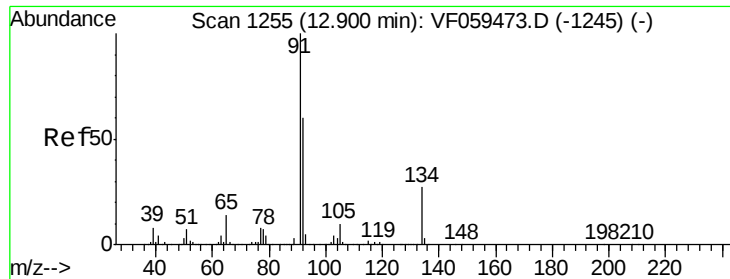
Delta R.T. 0.00 min

Lab File: VF059479.D

Acq: 10 Jul 2018 12:25

Tgt Ion:	146	Resp:	380275
Ion Ratio	Lower	Upper	
146	100		
111	44.9	20.8	62.2
148	64.6	32.6	97.8





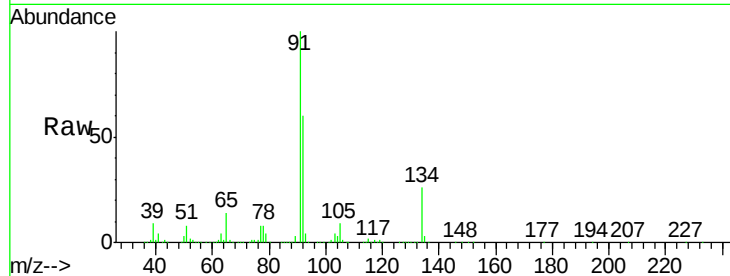
#89
n-Butylbenzene
Concen: 53.193 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

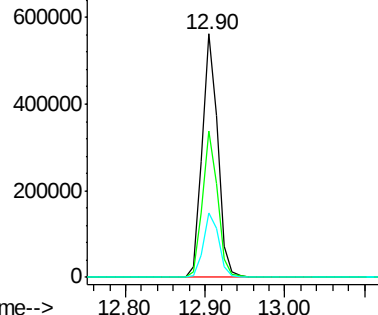
Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.3	30.0	90.1
134	26.4	13.3	39.9

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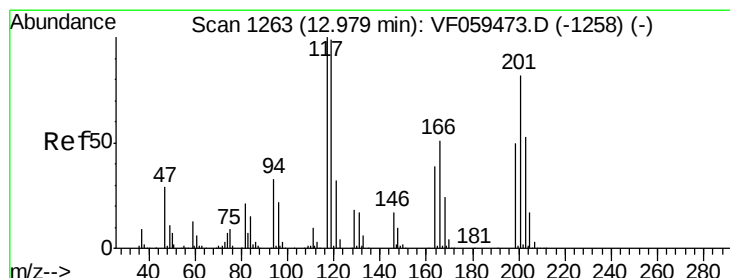
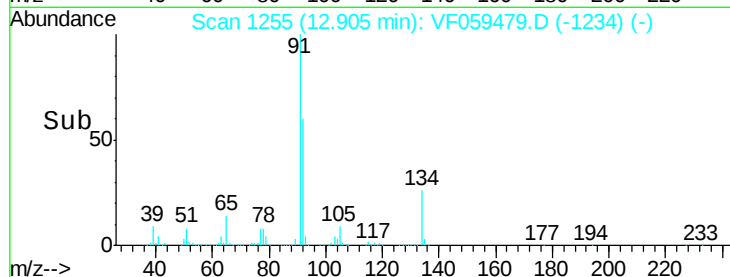


Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 92.00 (91.70 to 92.70): VF0
Ion 134.00 (133.70 to 134.70): V



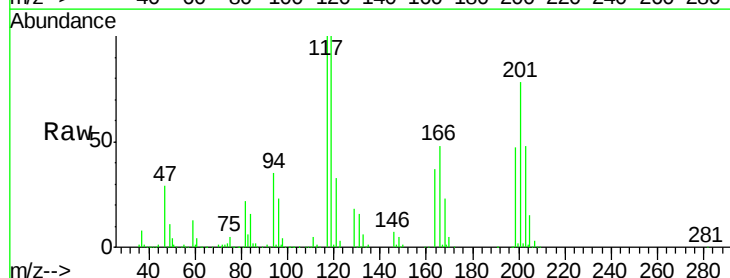
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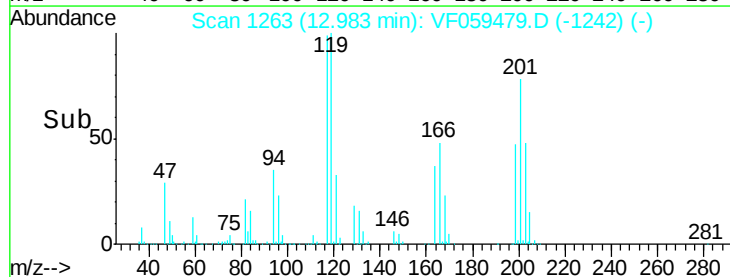
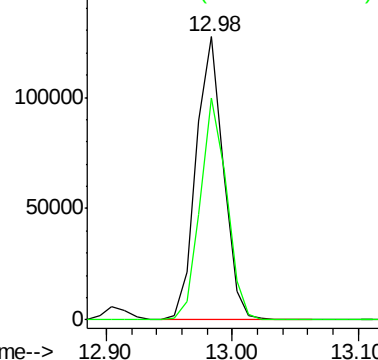


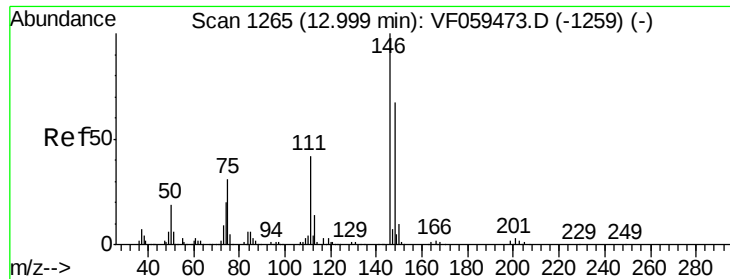
#90
Hexachloroethane
Concen: 48.276 ug/l
RT: 12.98 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	40.6	121.8



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V





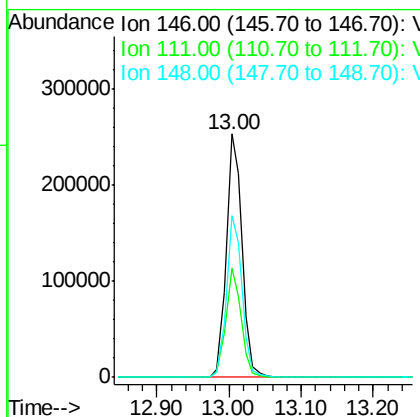
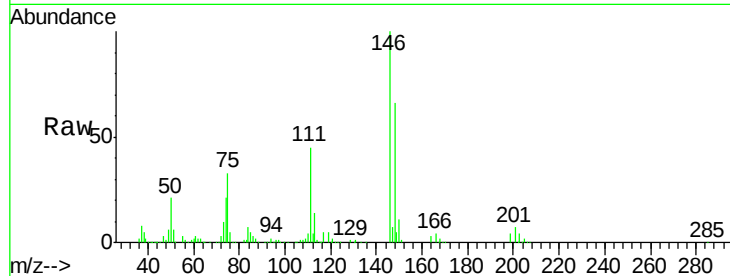
#91
 1,2-Dichlorobenzene
 Concen: 48.492 ug/l
 RT: 13.00 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VF059479.D
 Acq: 10 Jul 2018 12:25

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	383289		
111	44.8	21.2	63.6	
148	66.3	33.3	99.9	

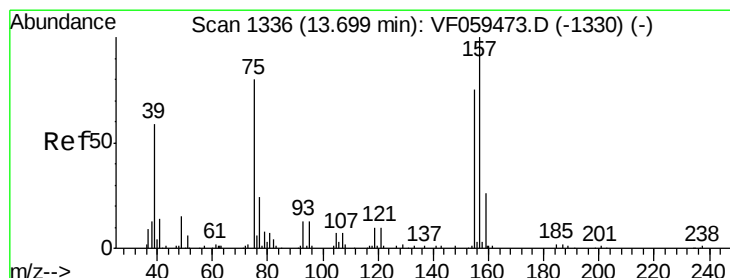
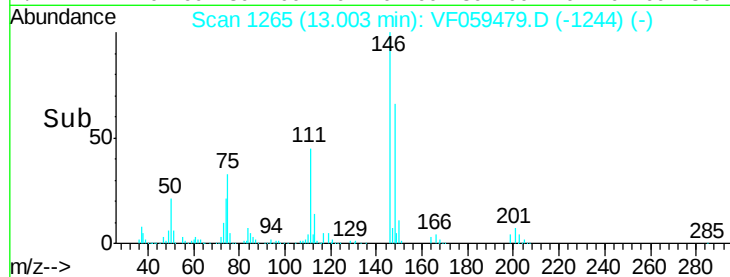
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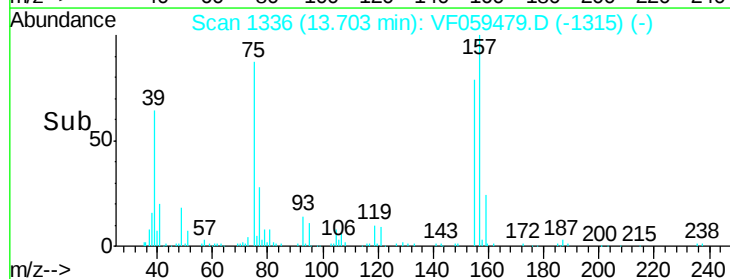
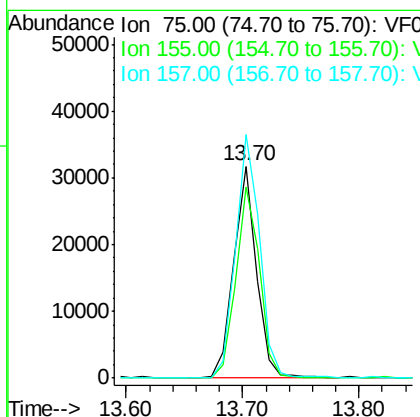
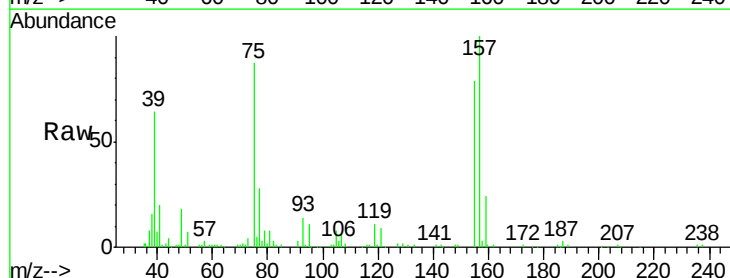
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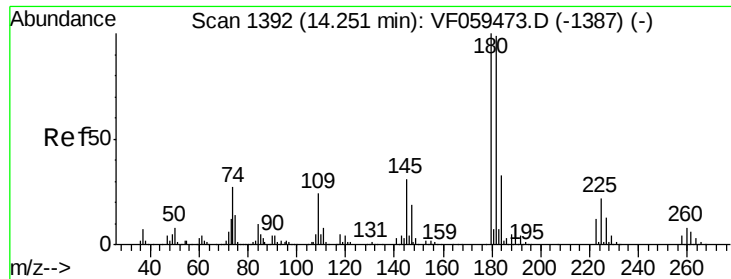
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.819 ug/l
 RT: 13.70 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VF059479.D
 Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	43117		
155	90.2	47.3	141.8	
157	114.8	62.6	187.8	





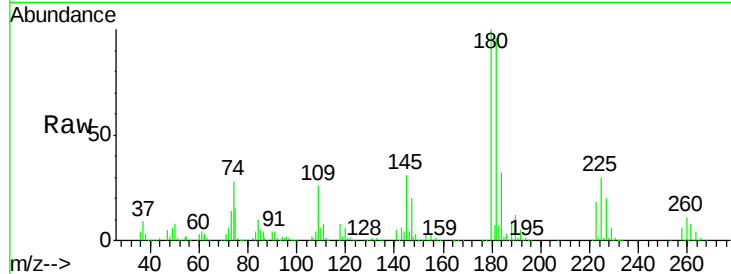
#93
 1,2,4-Trichlorobenzene
 Concen: 53.108 ug/l
 RT: 14.26 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VF059479.D
 Acq: 10 Jul 2018 12:25

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

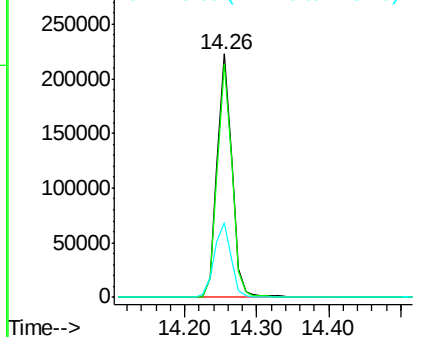
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	311838		
182	95.6	49.5	148.7	
145	30.9	15.4	46.2	

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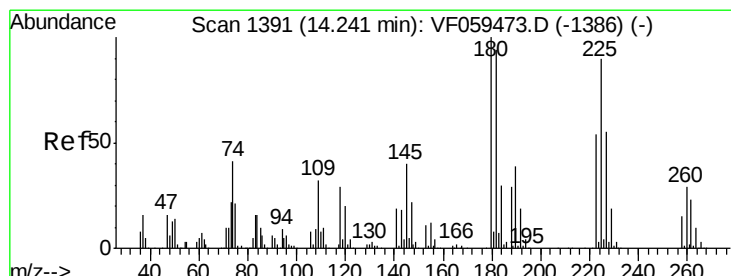
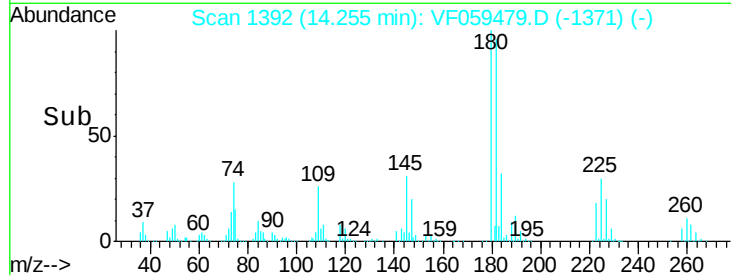


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



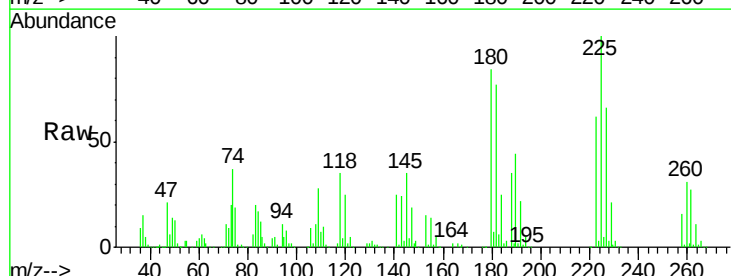
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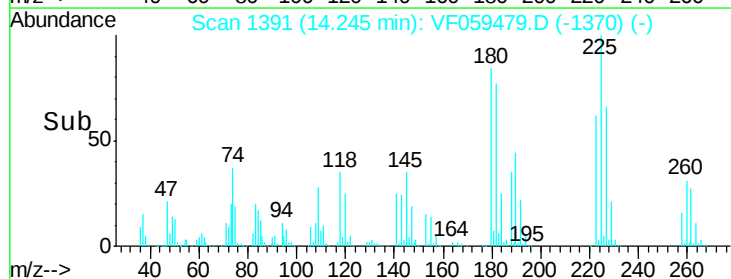
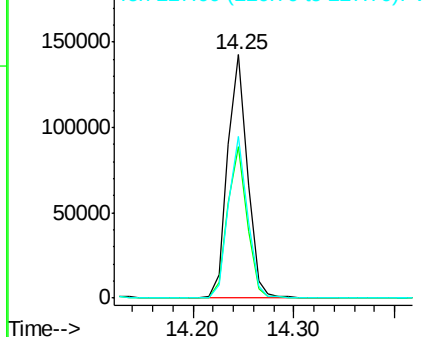


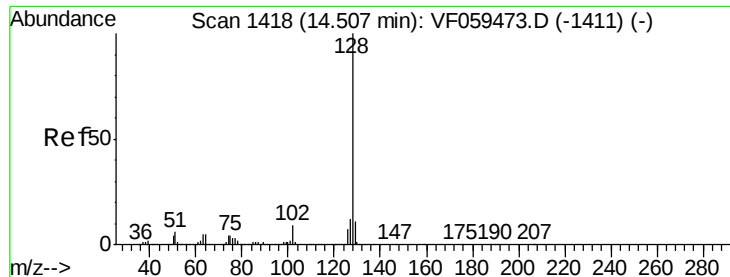
#94
 Hexachlorobutadiene
 Concen: 54.791 ug/l
 RT: 14.25 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VF059479.D
 Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	194918		
223	62.1	30.1	90.5	
227	66.2	30.8	92.4	



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





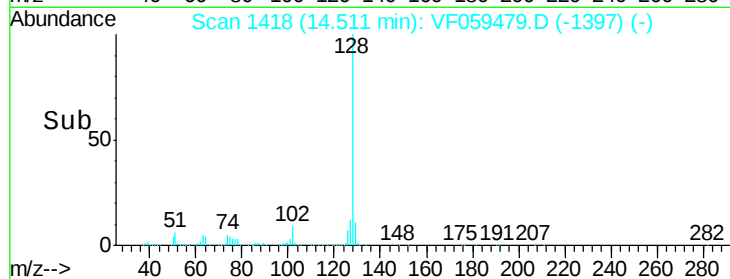
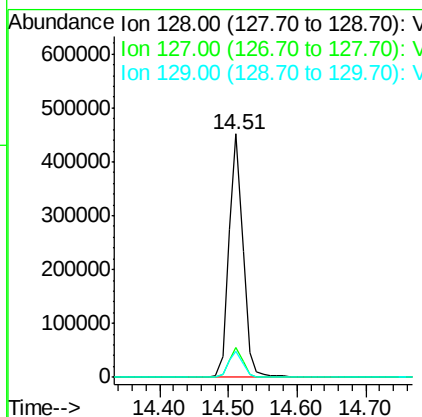
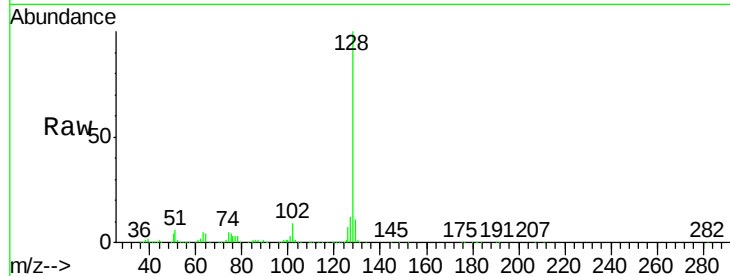
#95
Naphthalene
Concen: 54.611 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. 0.00 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	637265		
127	12.1		9.9	14.9
129	10.9		9.0	13.6

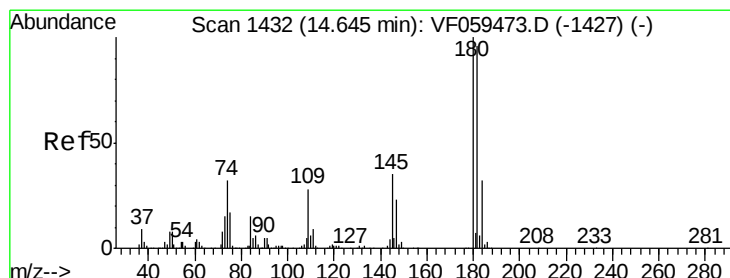
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#96
1,2,3-Trichlorobenzene
Concen: 52.235 ug/l
RT: 14.66 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VF059479.D
Acq: 10 Jul 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	297528		
182	97.1		47.9	143.7
145	30.5		17.5	52.5

