

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091918\
 Data File : VF060279.D
 Acq On : 19 Sep 2018 13:45
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 9/20/2018 11:41:21 AM

Quant Time: Sep 20 02:32:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:18:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	252679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	403794	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	345624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	184094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	71220	20.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.86%	
35) Dibromofluoromethane	4.29	113	80437	22.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.70%	
50) Toluene-d8	7.71	98	205750	21.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.90%	
62) 4-Bromofluorobenzene	11.50	95	80875	19.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.00	85	110404	24.61	ug/l	97
3) Chloromethane	1.12	50	82616	24.27	ug/l	96
4) Vinyl Chloride	1.17	62	84197	23.99	ug/l	95
5) Bromomethane	1.36	94	52949	22.49	ug/l	96
6) Chloroethane	1.43	64	35970	21.52	ug/l	98
7) Trichlorofluoromethane	1.53	101	151575	23.18	ug/l	94
8) Diethyl Ether	1.69	74	24079	22.14	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	1.90	101	79422	22.84	ug/l	95
10) Methyl Iodide	1.98	142	127825m	22.80	ug/l	
11) Tert butyl alcohol	2.67	59	23768	109.59	ug/l	97
12) 1,1-Dichloroethene	1.85	96	66737	23.21	ug/l	99
13) Acrolein	2.08	56	10454	98.61	ug/l	93
14) Allyl chloride	2.18	41	104918	20.91	ug/l	# 95
15) Acrylonitrile	3.07	53	50200	104.47	ug/l	90
16) Acetone	2.34	43	96362	100.57	ug/l	99
17) Carbon Disulfide	1.88	76	213635	24.62	ug/l	98
18) Methyl Acetate	2.44	43	25427	15.93	ug/l	96
19) Methyl tert-butyl Ether	2.53	73	149780	20.89	ug/l	98
20) Methylene Chloride	2.27	84	70537m	20.71	ug/l	
21) trans-1,2-Dichloroethene	2.40	96	64543	21.73	ug/l	83
22) Diisopropyl ether	2.92	45	206114	21.77	ug/l	97
23) Vinyl Acetate	3.32	43	393433	105.81	ug/l	99
24) 1,1-Dichloroethane	3.00	63	137775	22.44	ug/l	# 98
25) 2-Butanone	4.50	43	132806	102.97	ug/l	99
26) 2,2-Dichloropropane	3.76	77	75767	21.63	ug/l	92
27) cis-1,2-Dichloroethene	3.63	96	83589	21.42	ug/l	96
28) Bromochloromethane	3.87	49	49660	20.77	ug/l	96
29) Tetrahydrofuran	4.25	42	47285	100.12	ug/l	94
30) Chloroform	4.03	83	168399	22.73	ug/l	98
31) Cyclohexane	3.85	56	124257	23.96	ug/l	90
32) 1,1,1-Trichloroethane	4.27	97	120372	20.59	ug/l	96
36) 1,1-Dichloropropene	4.45	75	120381	23.90	ug/l	93
37) Ethyl Acetate	4.28	43	47445	22.26	ug/l	96
38) Carbon Tetrachloride	4.16	117	128360	22.33	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	131899	24.16	ug/l	94
40) Benzene	4.80	78	263676	23.09	ug/l	97
41) Methacrylonitrile	4.91	41	24561	21.24	ug/l #	86
42) 1,2-Dichloroethane	5.11	62	90175	21.45	ug/l	98
43) Isopropyl Acetate	7.11	43	50075	19.52	ug/l	100
44) Trichloroethene	5.67	130	78037	22.96	ug/l	92
45) 1,2-Dichloropropane	6.40	63	63970	21.64	ug/l #	87
46) Dibromomethane	6.25	93	46148	21.84	ug/l	98
47) Bromodichloromethane	6.54	83	108817	21.43	ug/l	98
48) Methyl methacrylate	6.86	41	35089	19.48	ug/l	92
49) 1,4-Dioxane	6.86	88	7185	446.54	ug/l #	87
51) 4-Methyl-2-Pentanone	8.40	43	192688	97.44	ug/l	92
52) Toluene	7.77	92	162382	22.47	ug/l	97
53) t-1,3-Dichloropropene	8.42	75	91383	22.31	ug/l	98
54) cis-1,3-Dichloropropene	7.45	75	113122	21.93	ug/l	98
55) 1,1,2-Trichloroethane	8.63	97	47778	21.79	ug/l	97
56) Ethyl methacrylate	8.75	69	53329	20.14	ug/l #	90
57) 1,3-Dichloropropane	8.99	76	74972	20.65	ug/l	93
58) 2-Chloroethyl Vinyl ether	7.77	63	27491	117.42	ug/l	100
59) 2-Hexanone	9.62	43	130904	92.97	ug/l	98
60) Dibromochloromethane	8.86	129	70699	21.63	ug/l	97
61) 1,2-Dibromoethane	9.13	107	51921	21.26	ug/l	94
64) Tetrachloroethene	8.30	164	71501	22.82	ug/l	93
65) Chlorobenzene	9.94	112	172454	22.02	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.06	131	72984	22.45	ug/l	95
67) Ethyl Benzene	10.03	91	332952	22.99	ug/l	99
68) m/p-Xylenes	10.26	106	229922	45.95	ug/l	100
69) o-Xylene	10.82	106	130305	23.22	ug/l	96
70) Styrene	10.89	104	182097	23.01	ug/l	98
71) Bromoform	10.88	173	40509	22.69	ug/l	93
73) Isopropylbenzene	11.23	105	383095	23.18	ug/l	97
74) N-amyl acetate	11.46	43	70889	20.11	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.78	83	62557	21.36	ug/l	100
76) 1,2,3-Trichloropropane	11.88	75	42231	20.14	ug/l	86
77) Bromobenzene	11.59	156	76007	21.34	ug/l	98
78) n-propylbenzene	11.68	91	445783	22.85	ug/l	98
79) 2-Chlorotoluene	11.81	91	262703	23.56	ug/l	95
80) 1,3,5-Trimethylbenzene	11.91	105	315453	23.71	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.96	75	22310m	16.51	ug/l	
82) 4-Chlorotoluene	11.99	91	248899	22.21	ug/l	99
83) tert-Butylbenzene	12.21	119	305961	22.69	ug/l	99
84) 1,2,4-Trimethylbenzene	12.28	105	302951	22.43	ug/l	97
85) sec-Butylbenzene	12.38	105	435744	23.34	ug/l	95
86) p-Isopropyltoluene	12.54	119	346453	23.45	ug/l	99
87) 1,3-Dichlorobenzene	12.56	146	149566	22.47	ug/l	99
88) 1,4-Dichlorobenzene	12.65	146	146516	22.27	ug/l	98
89) n-Butylbenzene	12.91	91	370439	23.70	ug/l	98
90) Hexachloroethane	12.99	117	85447	22.64	ug/l	93
91) 1,2-Dichlorobenzene	13.02	146	137882	21.72	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	11386	20.71	ug/l	91

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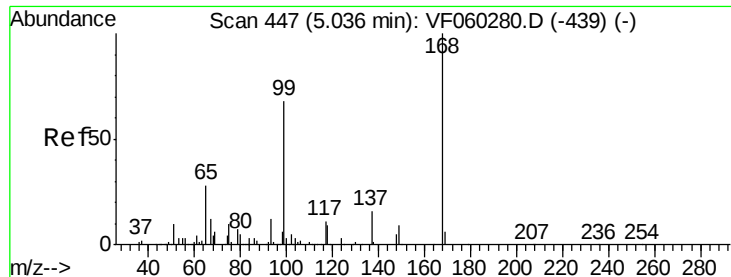
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	100195	21.71	ug/l	95
94) Hexachlorobutadiene	14.25	225	72912	23.37	ug/l	99
95) Naphthalene	14.52	128	171714	21.22	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	95786	22.46	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 447

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 252679

Ion Ratio Lower Upper

168 100

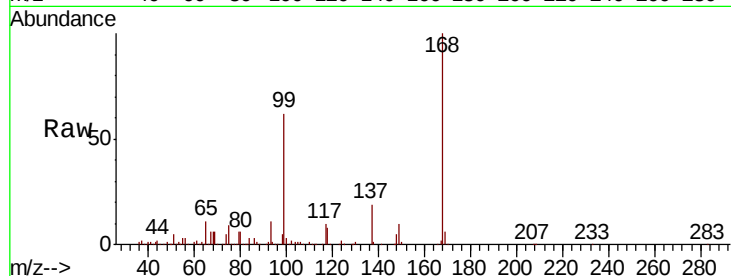
99 62.4 54.8 82.2

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

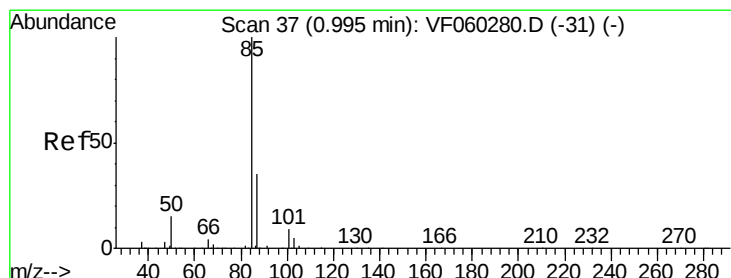
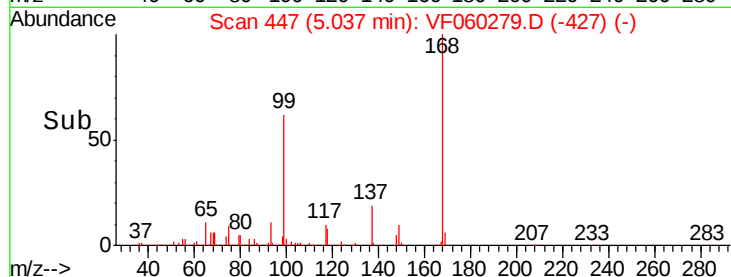
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: 24.61 ug/l

RT: 1.00 min Scan# 37

Delta R.T. 0.00 min

Lab File: VF060279.D

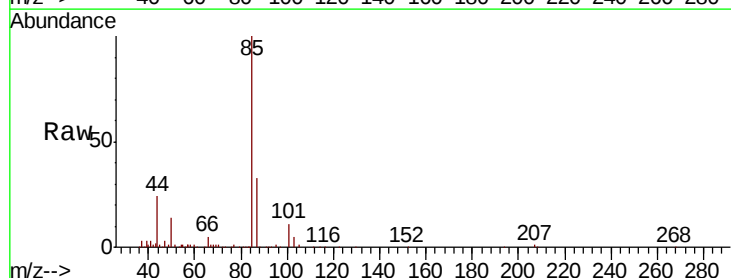
Acq: 19 Sep 2018 13:45

Tgt Ion: 85 Resp: 110404

Ion Ratio Lower Upper

85 100

87 32.7 17.3 52.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.00

40000

30000

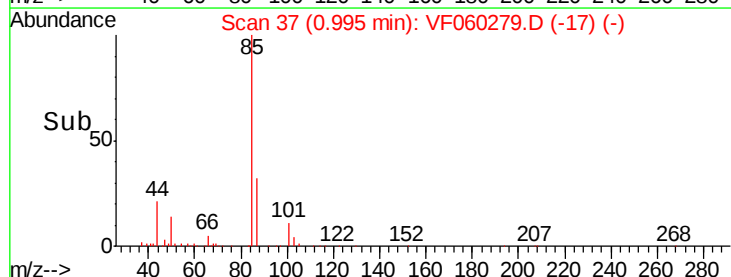
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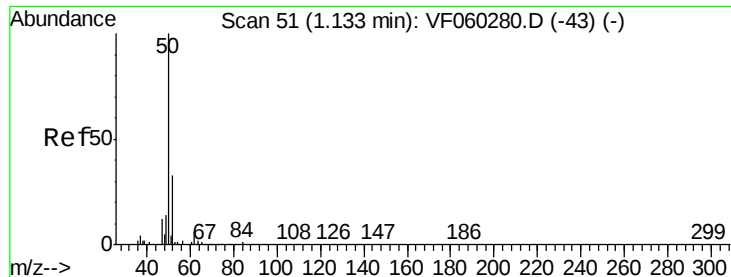
10000

0

0.90 1.00 1.10 1.20

Time-->





#3

Chloromethane

Concen: 24.27 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.01 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 82616

Ion Ratio Lower Upper

50 100

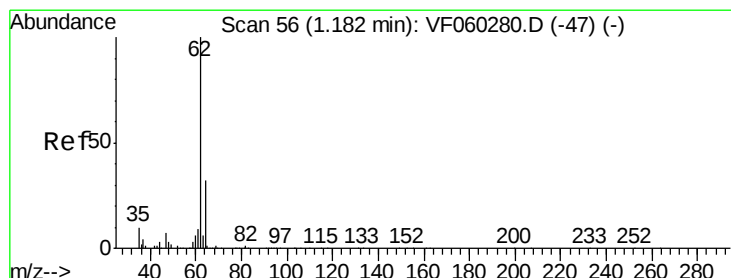
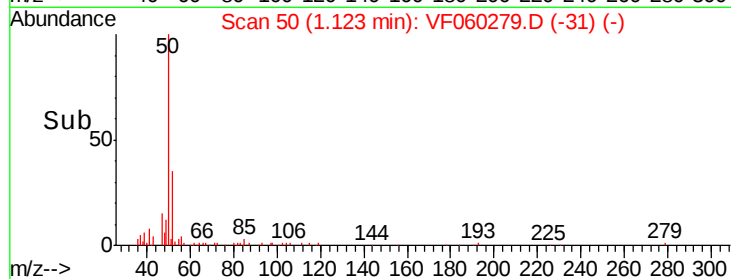
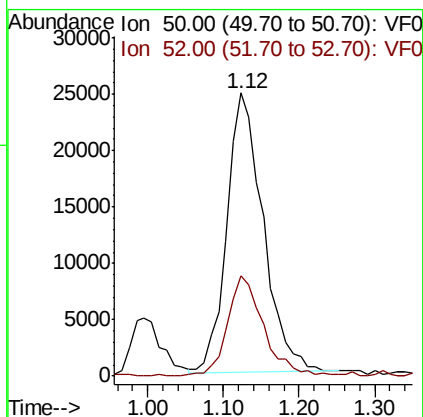
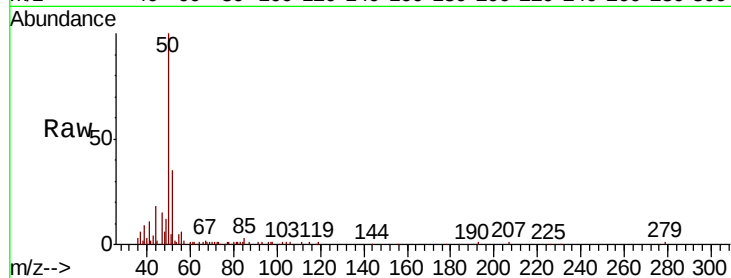
52 35.3 26.5 39.7

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#4

Vinyl Chloride

Concen: 23.99 ug/l

RT: 1.17 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF060279.D

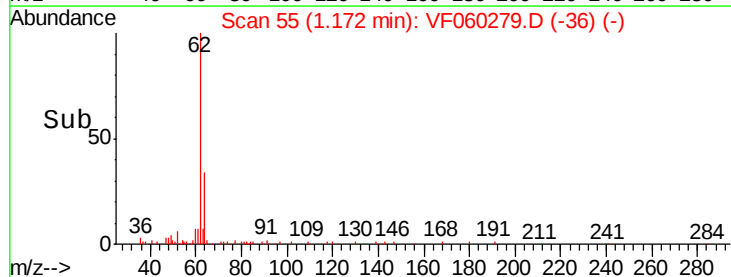
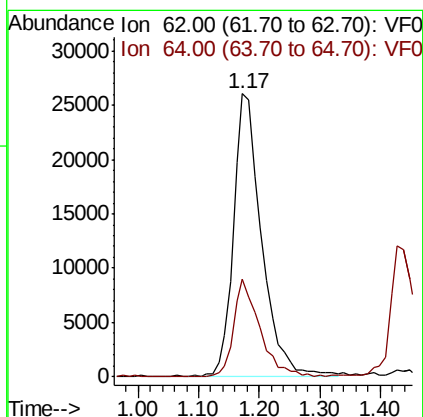
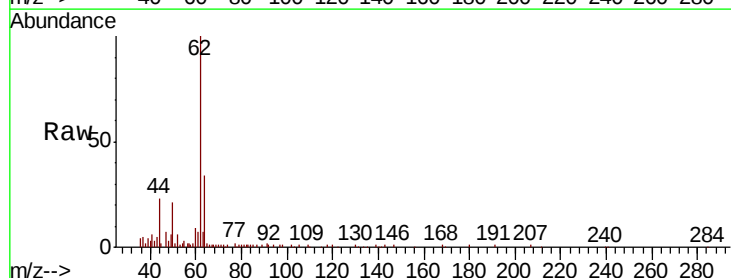
Acq: 19 Sep 2018 13:45

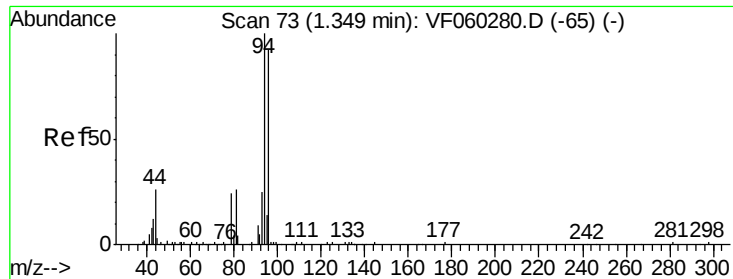
Tgt Ion: 62 Resp: 84197

Ion Ratio Lower Upper

62 100

64 34.5 25.2 37.8





#5

Bromomethane

Concen: 22.49 ug/l

RT: 1.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

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Tot Ion: 94 Resp: 52949

Ion Ratio Lower Upper

94 100

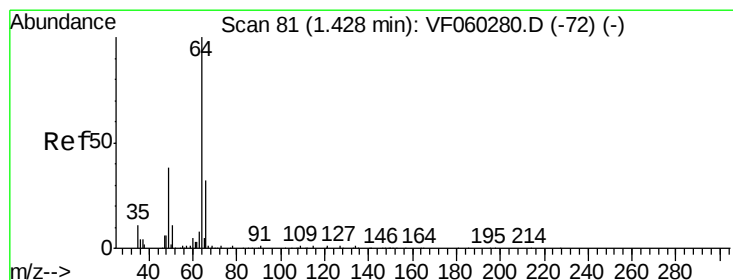
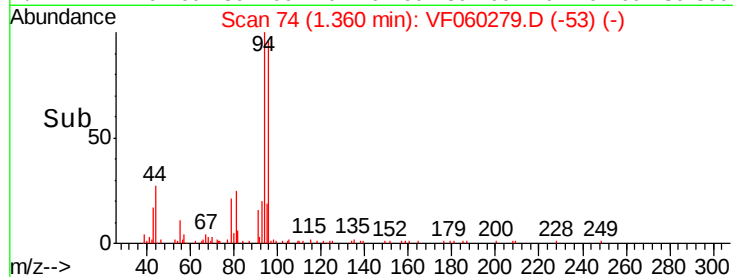
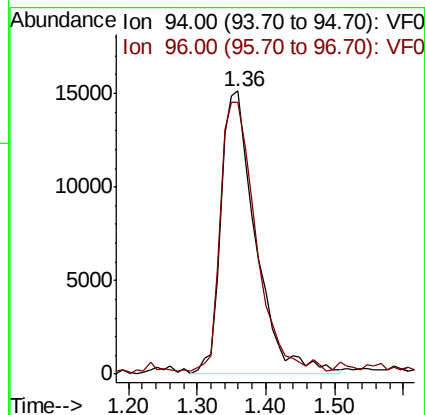
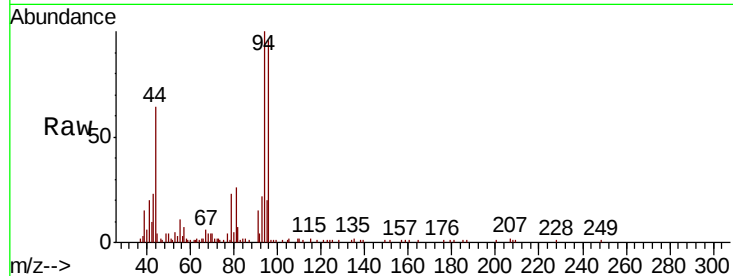
96 96.2 73.9 110.9

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#6

Chloroethane

Concen: 21.52 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.00 min

Lab File: VF060279.D

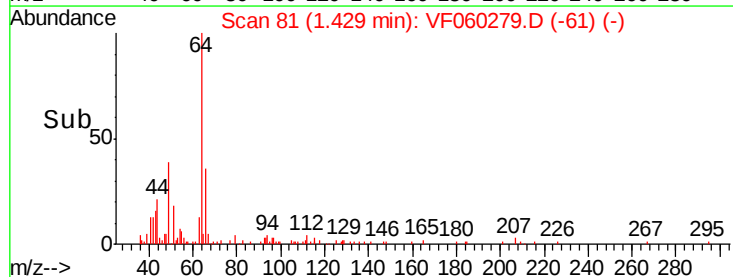
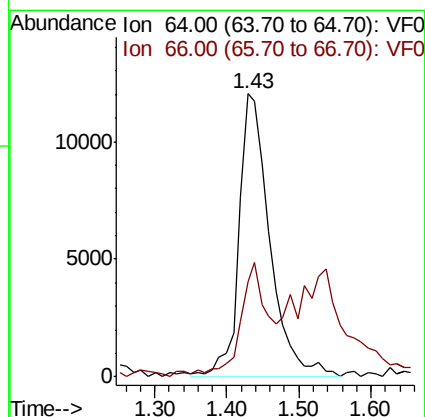
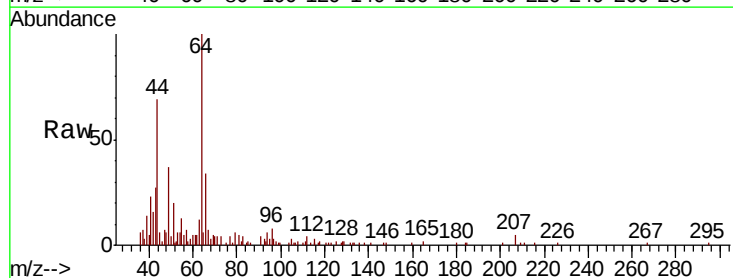
Acq: 19 Sep 2018 13:45

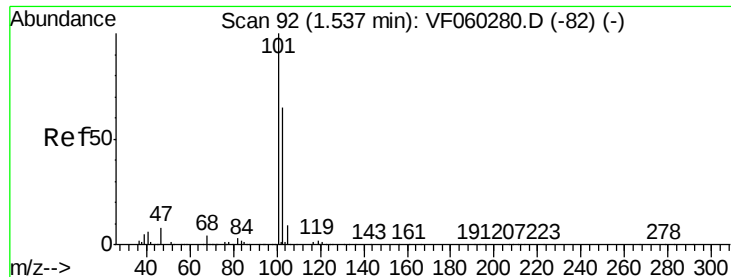
Tgt Ion: 64 Resp: 35970

Ion Ratio Lower Upper

64 100

66 33.6 26.2 39.2





#7

Trichlorofluoromethane

Concen: 23.18 ug/l

RT: 1.53 min Scan# 91

Delta R.T. -0.01 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

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Tot Ion:101 Resp: 151575

Ion Ratio Lower Upper

101 100

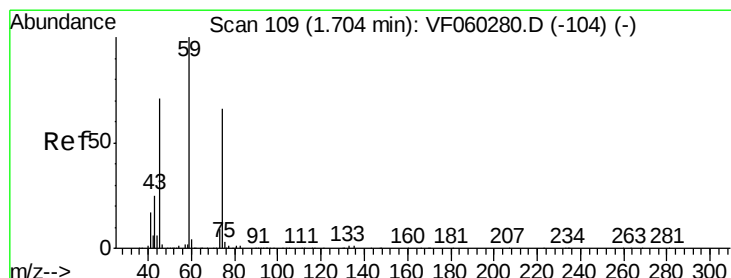
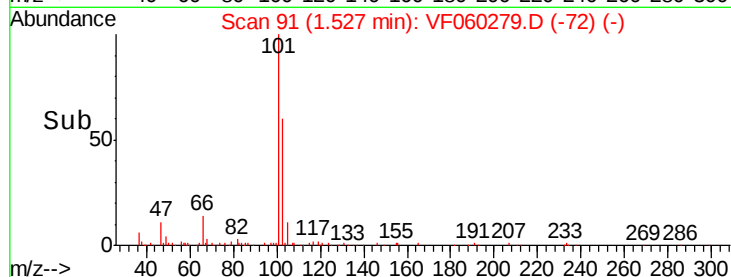
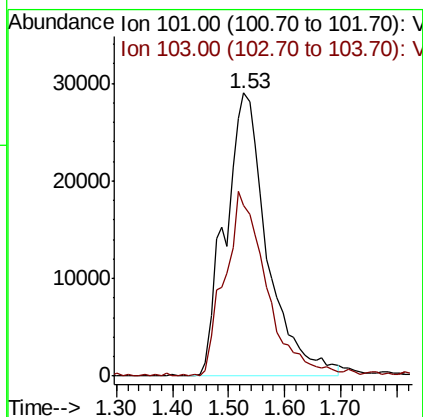
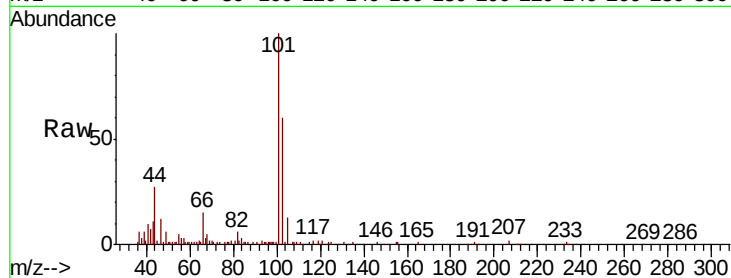
103 60.5 52.0 78.0

Manual Integrations

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#8

Diethyl Ether

Concen: 22.14 ug/l

RT: 1.69 min Scan# 108

Delta R.T. -0.01 min

Lab File: VF060279.D

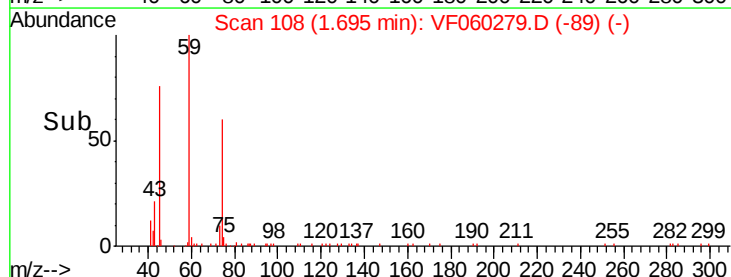
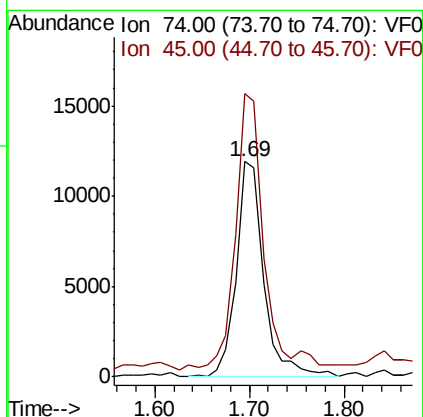
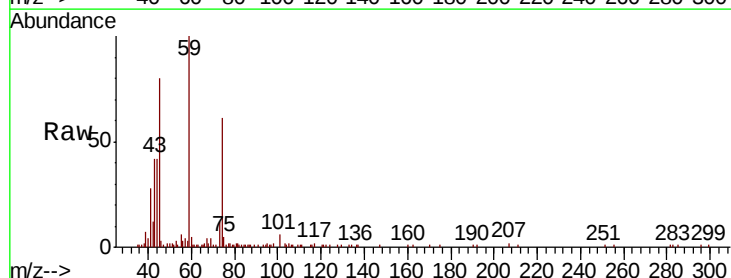
Acq: 19 Sep 2018 13:45

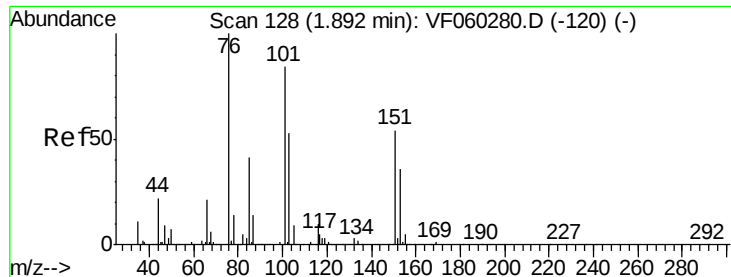
Tgt Ion: 74 Resp: 24079

Ion Ratio Lower Upper

74 100

45 131.5 53.9 161.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.84 ug/l

RT: 1.90 min Scan# 129

Delta R.T. 0.01 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

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MSVOA_F

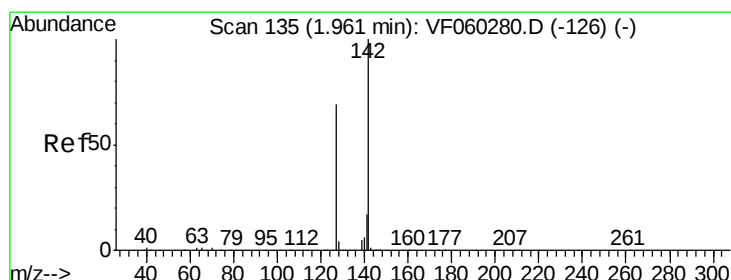
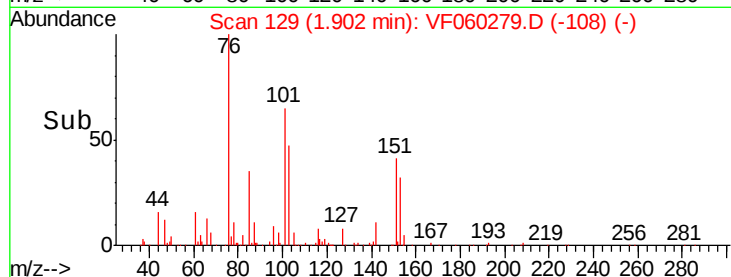
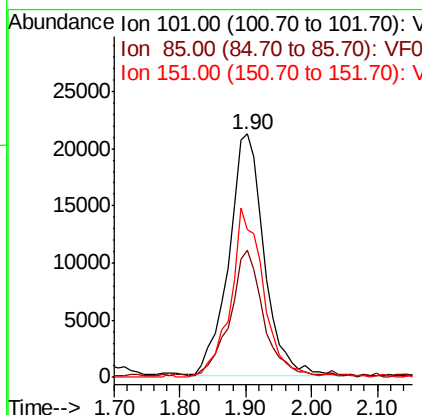
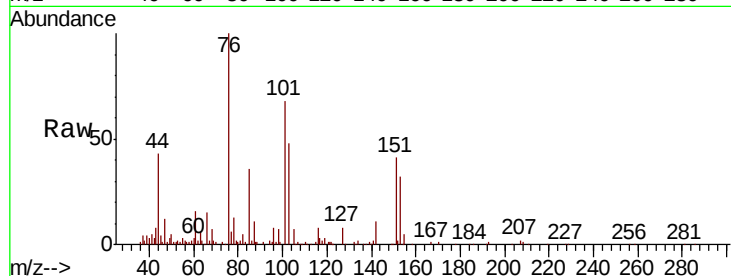
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	79422
Ion Ratio	Lower	Upper	
101	100		
85	52.4	38.7	58.1
151	60.4	50.8	76.2

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#10

Methyl Iodide

Concen: 22.80 ug/l m

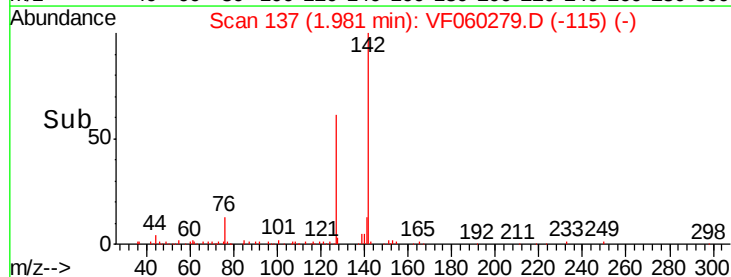
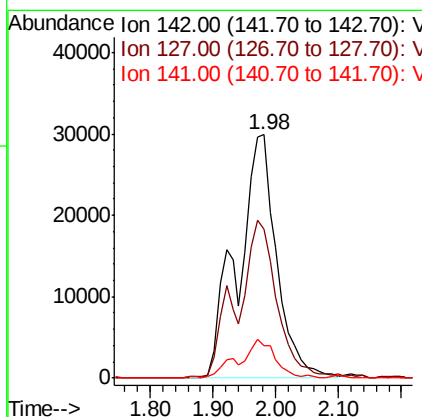
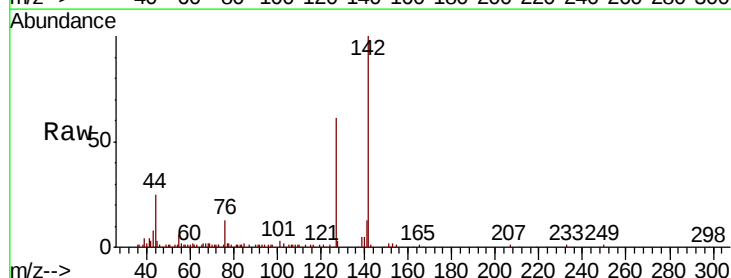
RT: 1.98 min Scan# 137

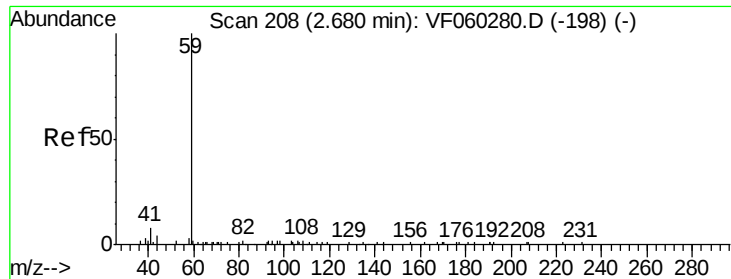
Delta R.T. 0.02 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tgt Ion:	142	Resp:	127825
Ion Ratio	Lower	Upper	
142	100		
127	60.9	55.4	83.0
141	13.1	13.3	19.9#





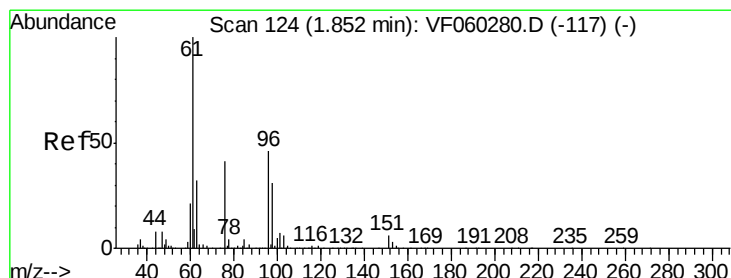
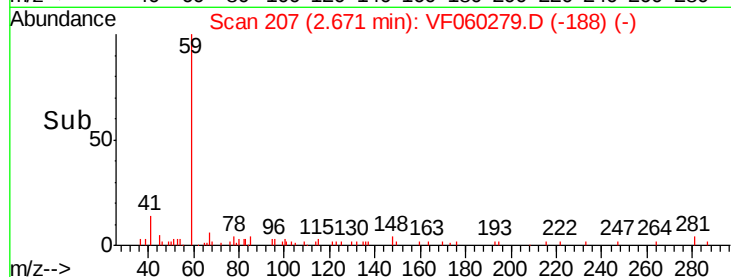
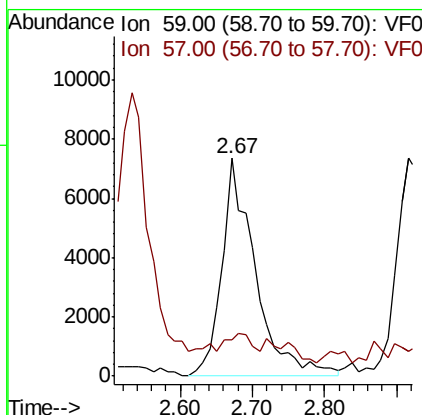
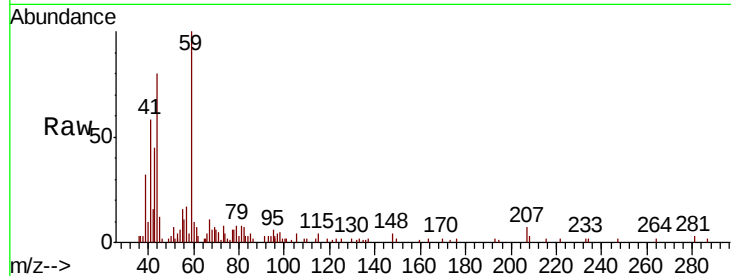
#11
Tert butyl alcohol
Concen: 109.59 ug/l
RT: 2.67 min Scan# 207
Delta R.T. -0.01 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleID :
VSTDIC020

Tot Ion	59	Resp	23768
Ion Ratio	100	Lower	Upper
57	16.6	12.4	18.6

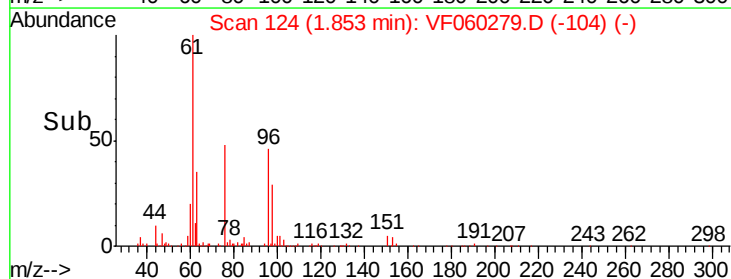
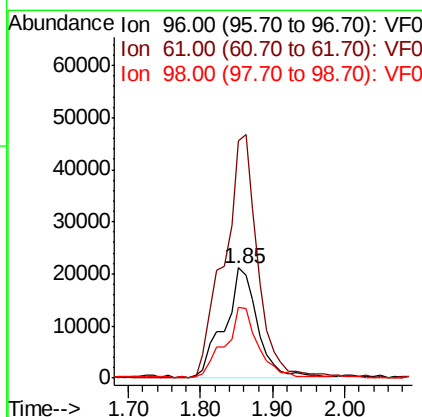
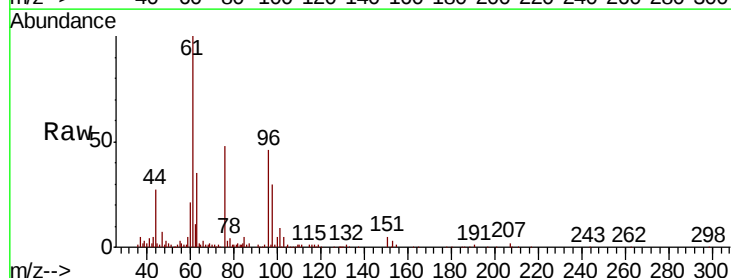
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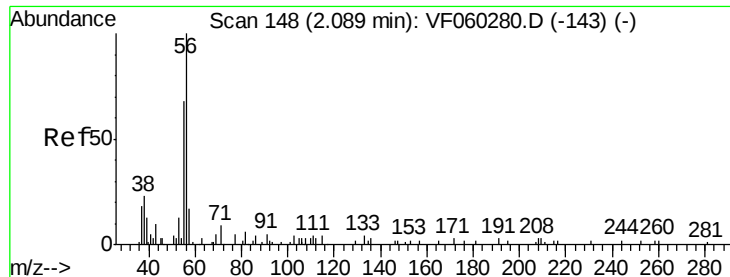
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#12
1,1-Dichloroethene
Concen: 23.21 ug/l
RT: 1.85 min Scan# 124
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	96	Resp	66737
Ion Ratio	100	Lower	Upper
61	215.4	172.2	258.2
98	64.0	54.1	81.1





#13

Acrolein

Concen: 98.61 ug/l

RT: 2.08 min Scan# 147

Delta R.T. -0.01 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tot Ion: 56 Resp: 10454

Ion Ratio Lower Upper

56 100

55 80.7 69.9 104.9

Instrument :

MSVOA_F

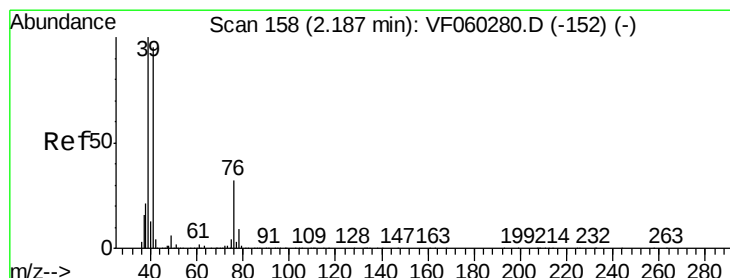
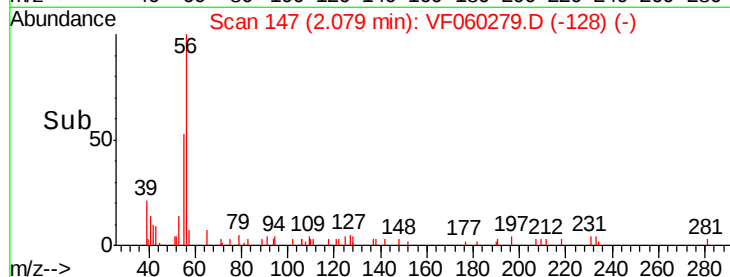
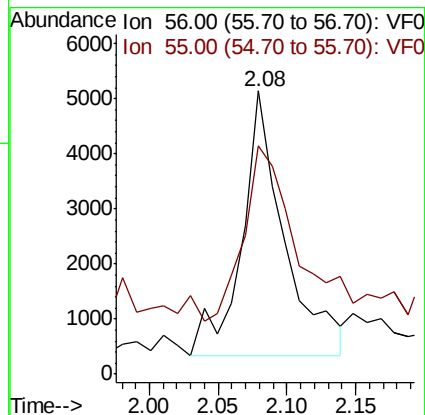
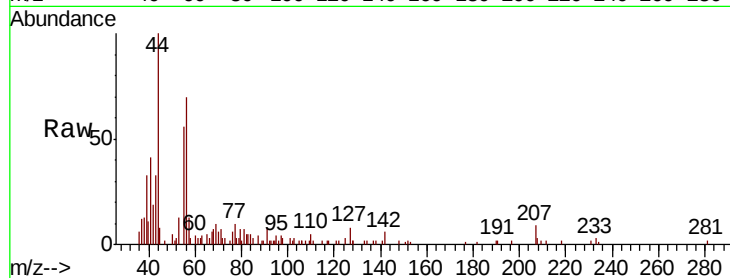
ClientSampleId :

VSTDIC020

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#14

Allyl chloride

Concen: 20.91 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

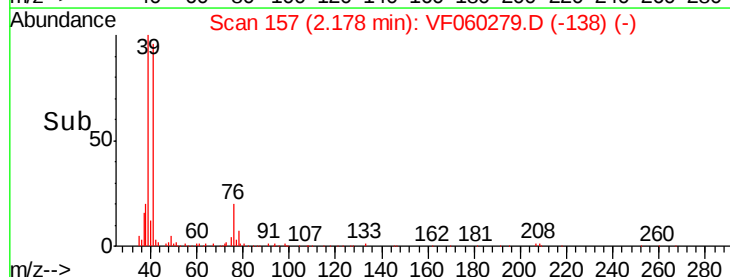
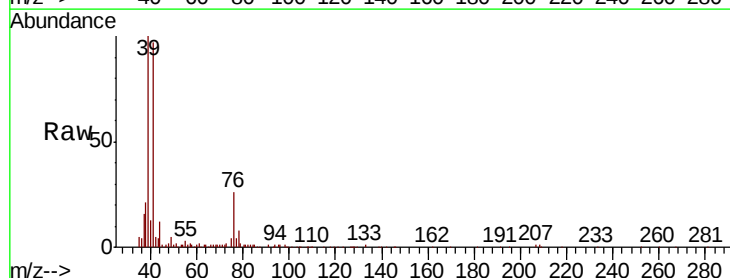
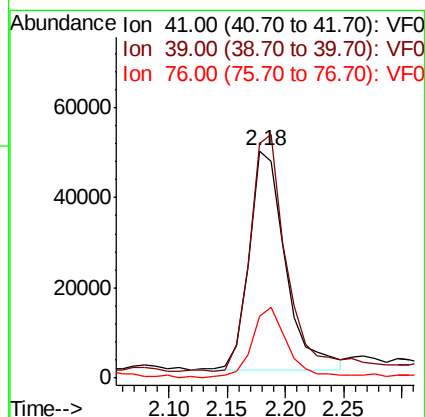
Tgt Ion: 41 Resp: 104918

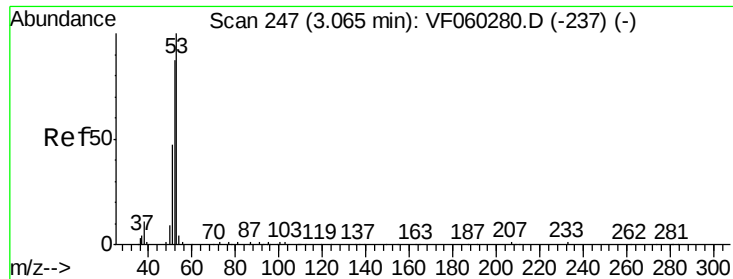
Ion Ratio Lower Upper

41 100

39 103.1 84.8 127.2

76 27.2 27.4 41.2#





#15

Acrylonitrile

Concen: 104.47 ug/l

RT: 3.07 min Scan# 247

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

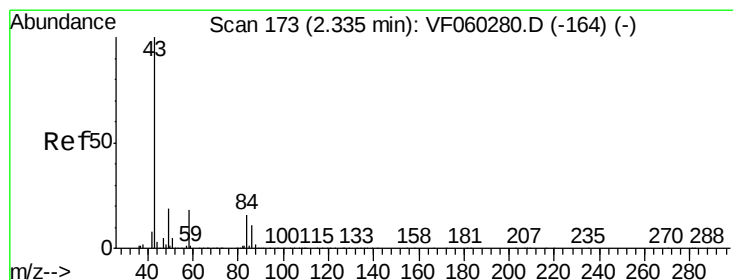
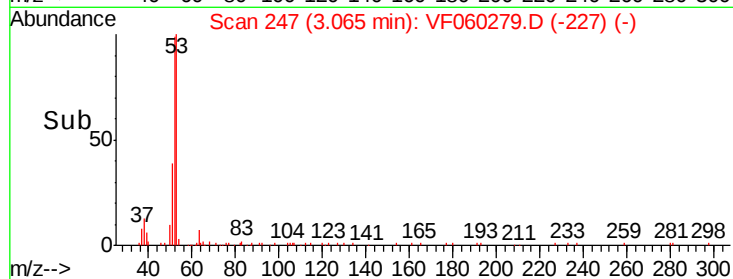
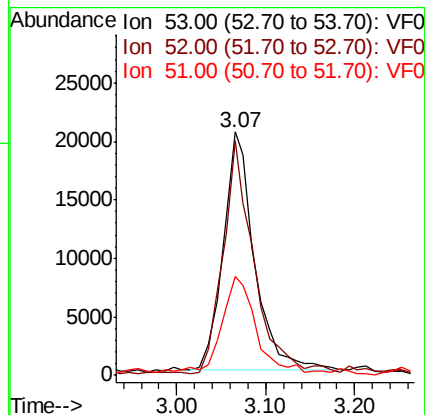
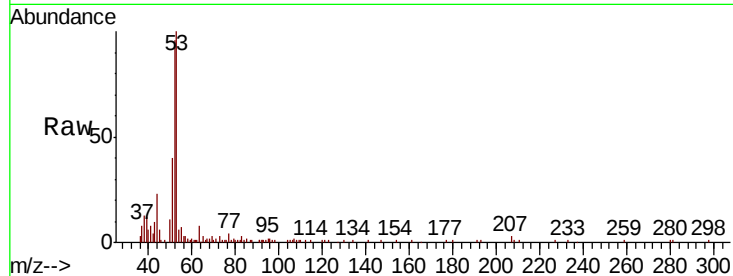
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	50200
Ion Ratio	Lower	Upper	
53	100		
52	96.2	69.5	104.3
51	40.5	38.1	57.1

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#16

Acetone

Concen: 100.57 ug/l

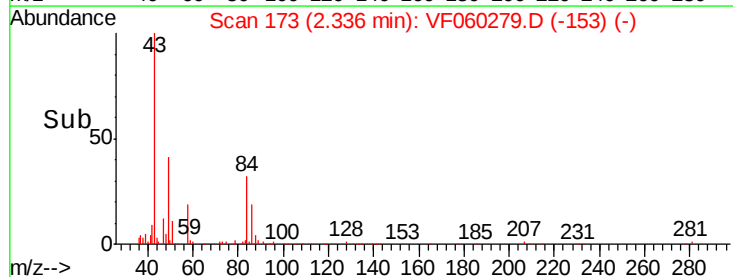
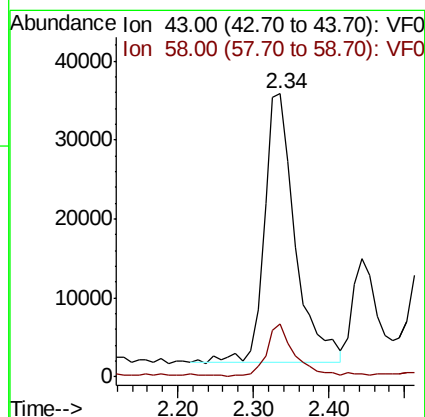
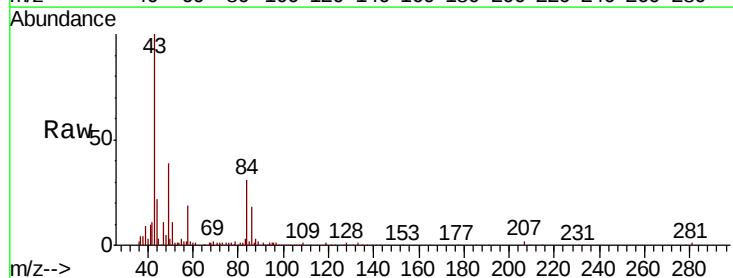
RT: 2.34 min Scan# 173

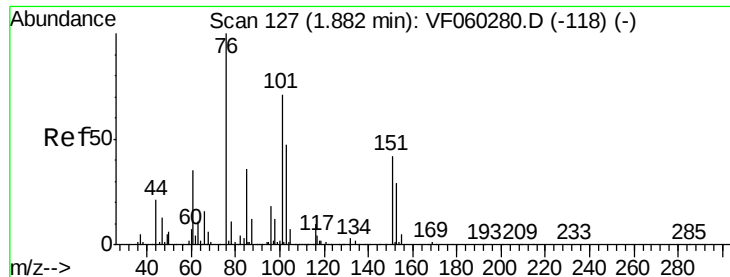
Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tgt Ion:	43	Resp:	96362
Ion Ratio	Lower	Upper	
43	100		
58	18.6	14.5	21.7





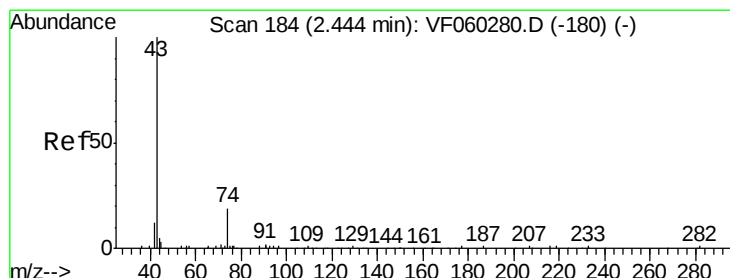
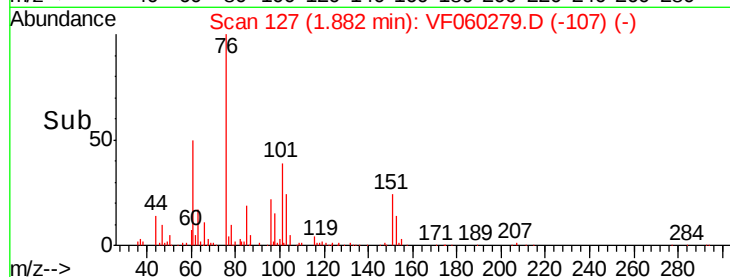
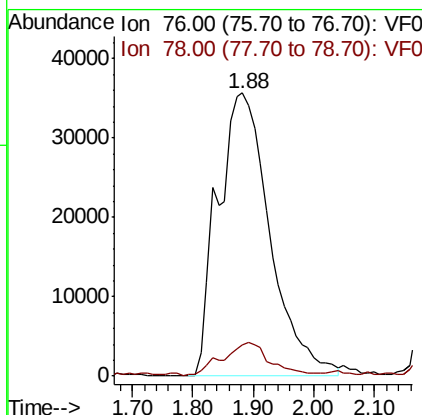
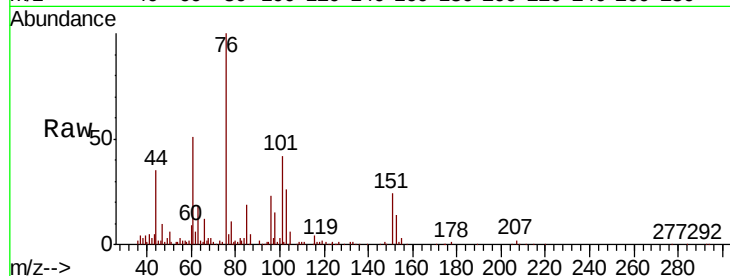
#17
Carbon Disulfide
Concen: 24.62 ug/l
RT: 1.88 min Scan# 127
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	11.1	9.4	14.0

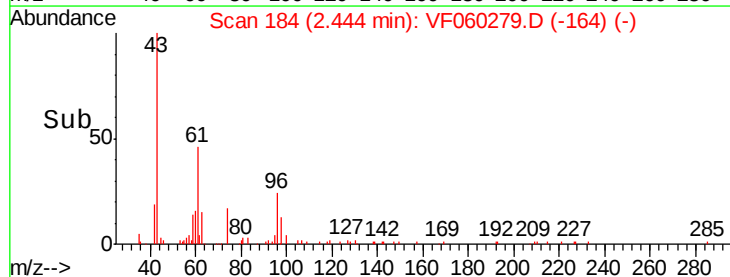
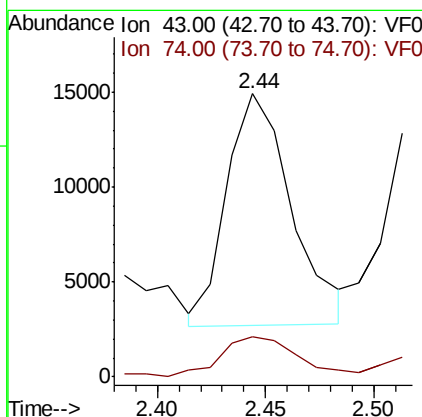
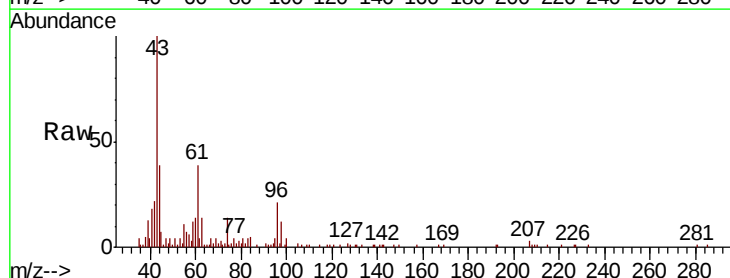
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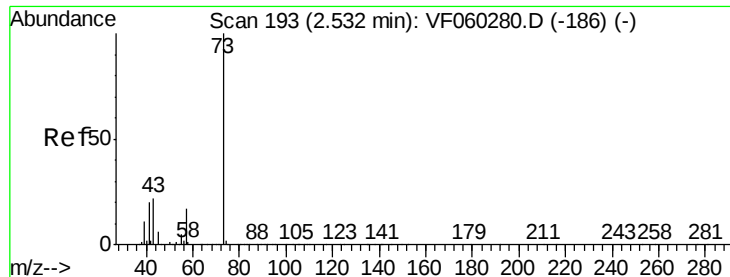
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#18
Methyl Acetate
Concen: 15.93 ug/l
RT: 2.44 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	14.1	12.7	19.1





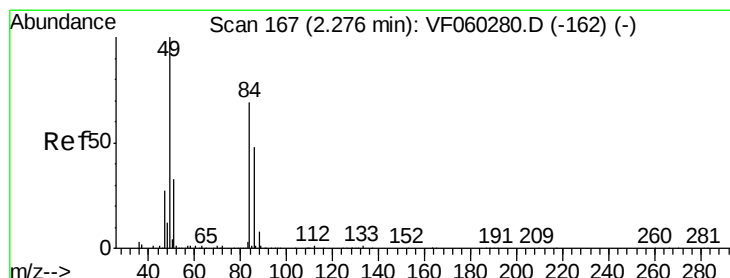
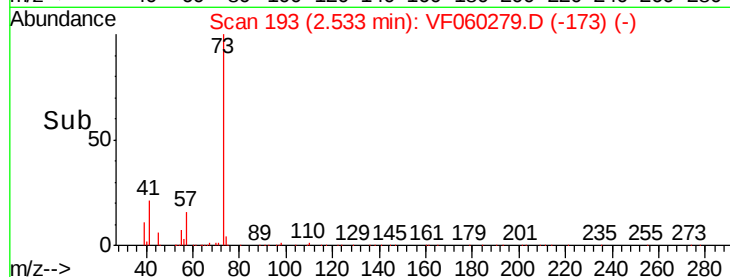
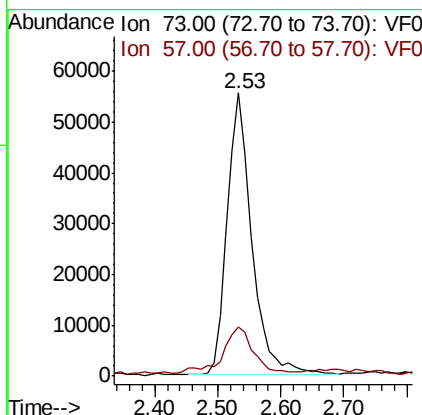
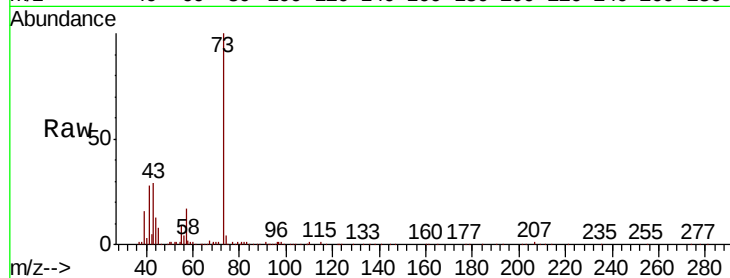
#19
Methvl tert-butvl Ether
Concen: 20.89 ug/l
RT: 2.53 min Scan# 193
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 149780
Ion Ratio Lower Upper
73 100
57 17.2 14.5 21.7

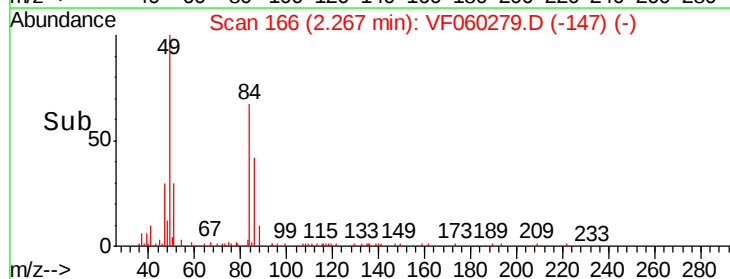
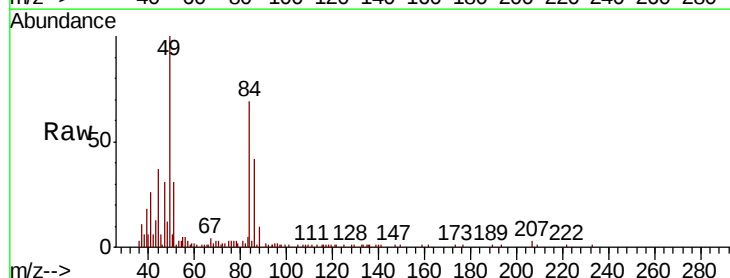
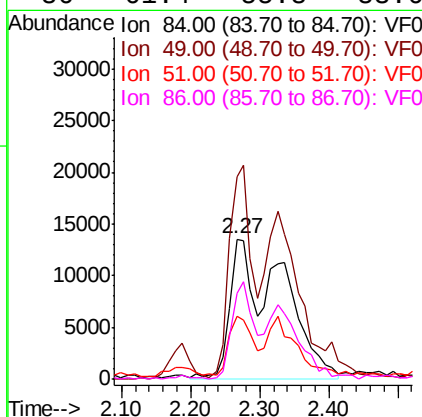
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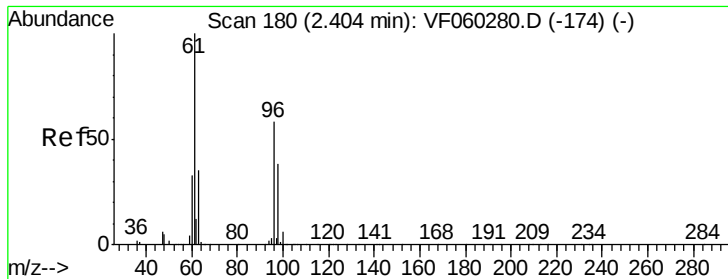
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#20
Methylene Chloride
Concen: 20.71 ug/l m
RT: 2.27 min Scan# 166
Delta R.T. -0.01 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion: 84 Resp: 70537
Ion Ratio Lower Upper
84 100
49 145.0 118.3 177.5
51 45.1 38.7 58.1
86 61.4 55.8 83.6





#21

trans-1,2-Dichloroethene

Concen: 21.73 ug/l

RT: 2.40 min Scan# 180

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

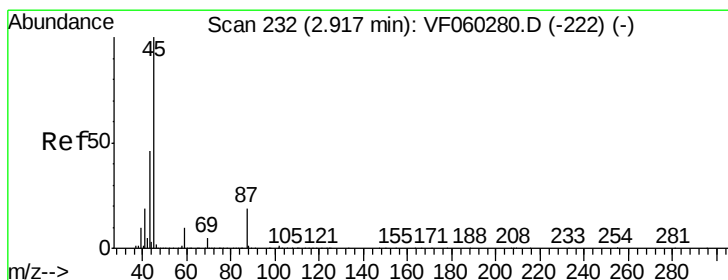
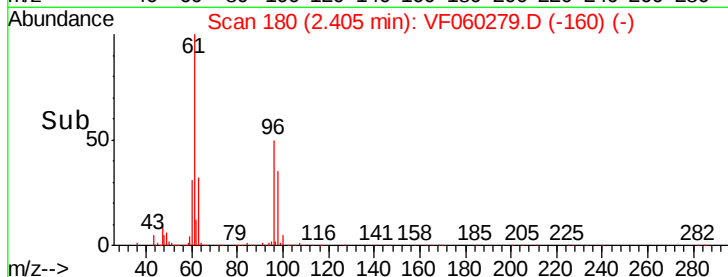
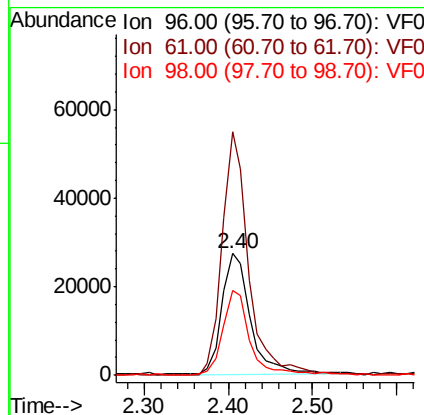
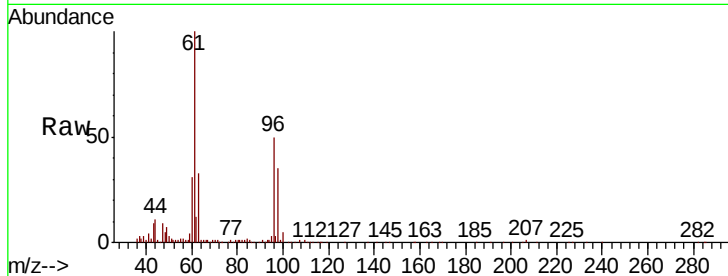
ClientSampled :

VSTDIC020

Tot Ion:	96	Resp:	64543
Ion	Ratio	Lower	Upper
96	100		
61	200.3	136.4	204.6
98	69.5	51.8	77.6

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#22

Diisopropyl ether

Concen: 21.77 ug/l

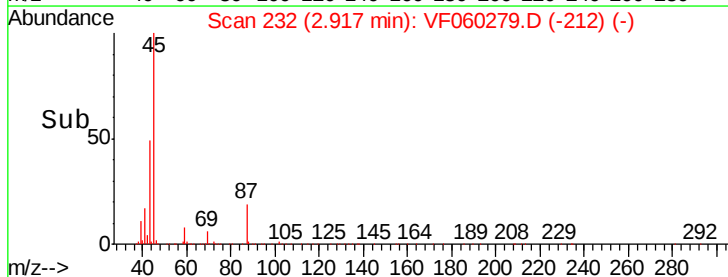
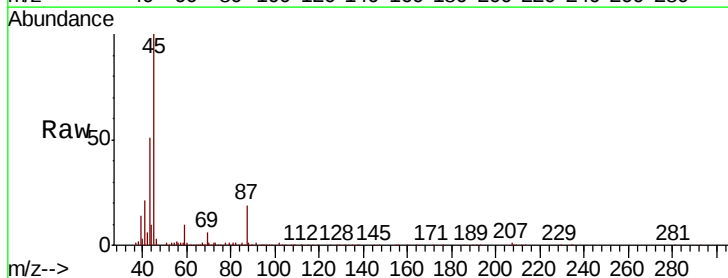
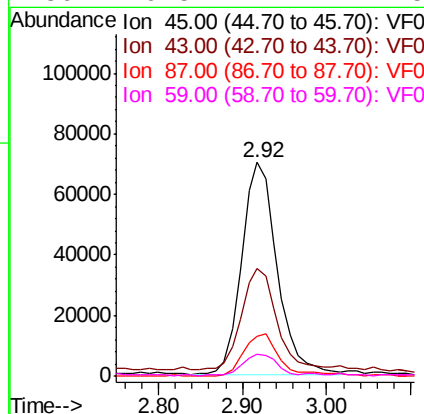
RT: 2.92 min Scan# 232

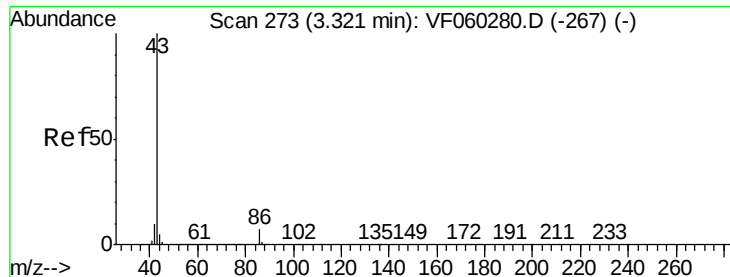
Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tgt Ion:	45	Resp:	206114
Ion	Ratio	Lower	Upper
45	100		
43	50.6	38.2	57.2
87	18.6	15.5	23.3
59	10.5	7.7	11.5





#23

Vinyl Acetate

Concen: 105.81 ug/l

RT: 3.32 min Scan# 273

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 393433

Ion Ratio Lower Upper

43 100

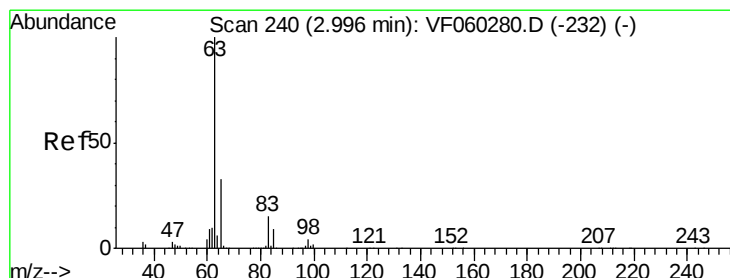
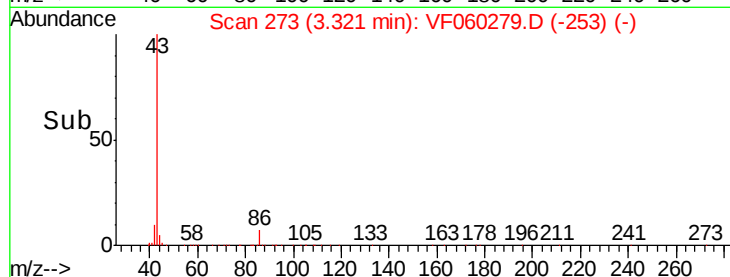
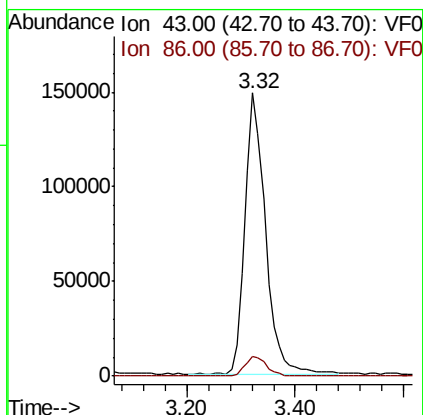
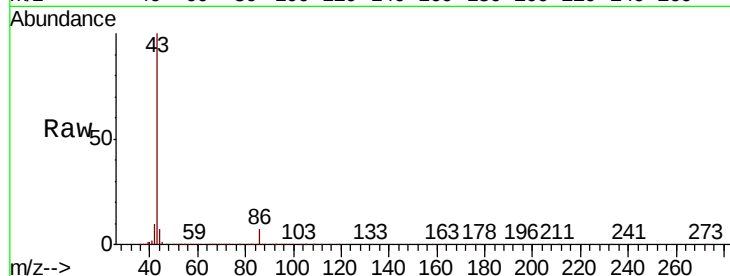
86 6.9 5.9 8.9

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#24

1,1-Dichloroethane

Concen: 22.44 ug/l

RT: 3.00 min Scan# 240

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

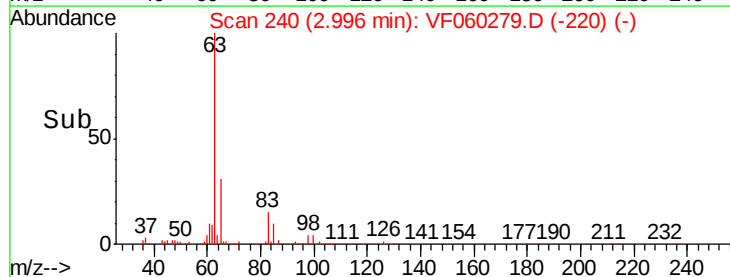
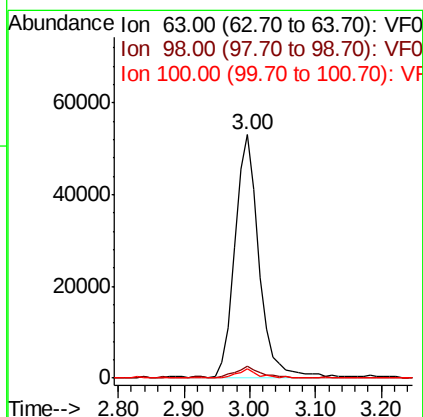
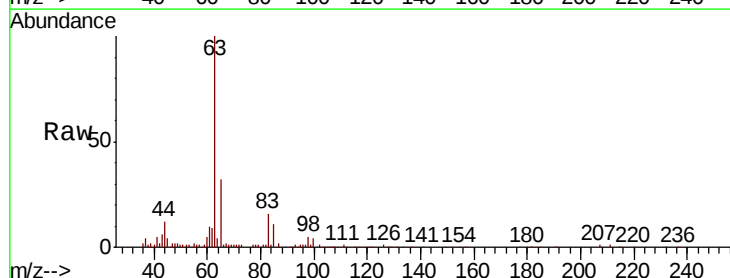
Tgt Ion: 63 Resp: 137775

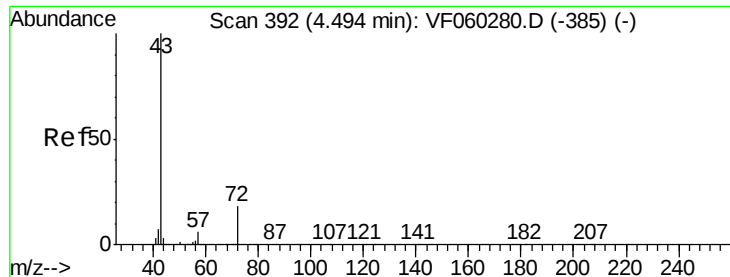
Ion Ratio Lower Upper

63 100

98 4.7 2.1 6.5

100 3.8 1.1 3.3#





#25

2-Butanone

Concen: 102.97 ug/l

RT: 4.50 min Scan# 393

Delta R.T. 0.01 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tot Ion: 43 Resp: 132806

Ion Ratio Lower Upper

43 100

72 19.5 16.2 24.2

Instrument :

MSVOA_F

ClientSampleId :

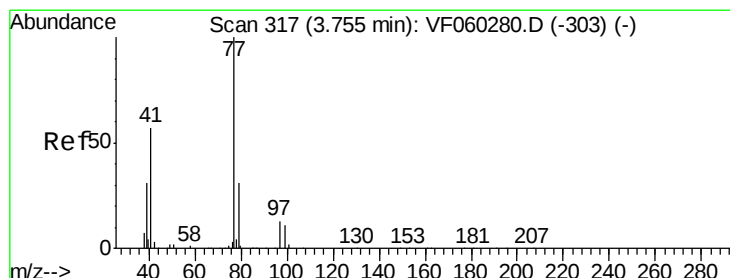
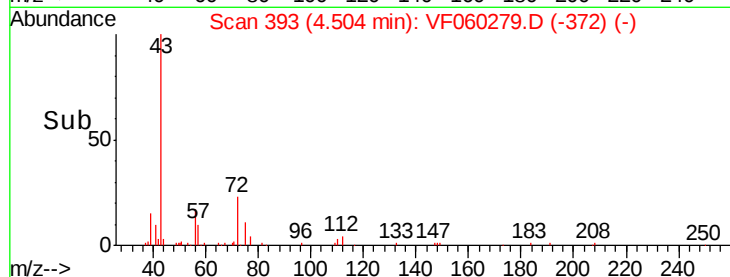
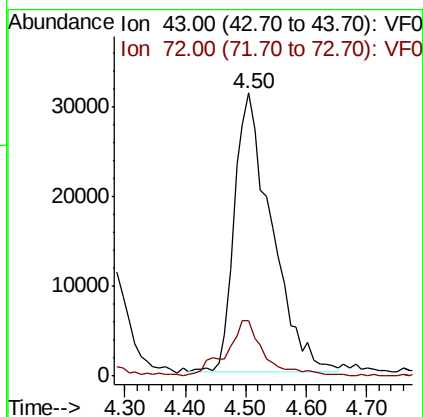
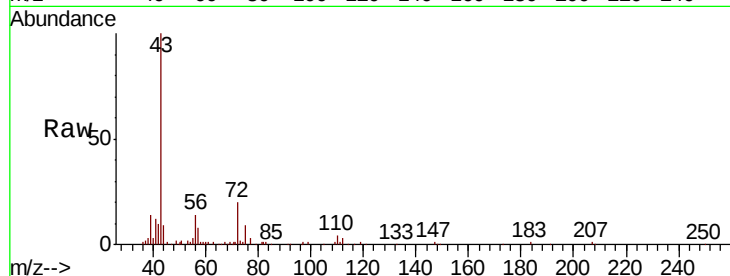
VSTDIC020

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#26

2,2-Dichloropropane

Concen: 21.63 ug/l

RT: 3.76 min Scan# 317

Delta R.T. 0.00 min

Lab File: VF060279.D

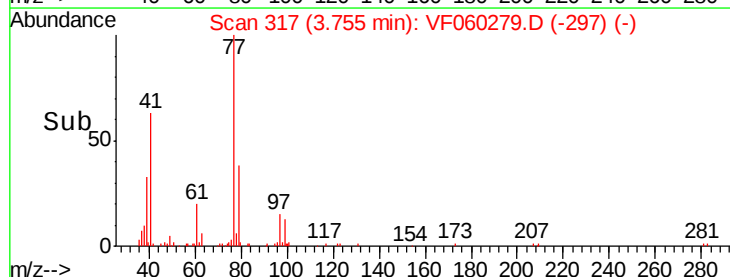
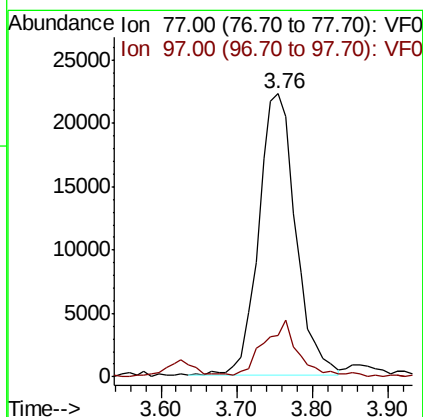
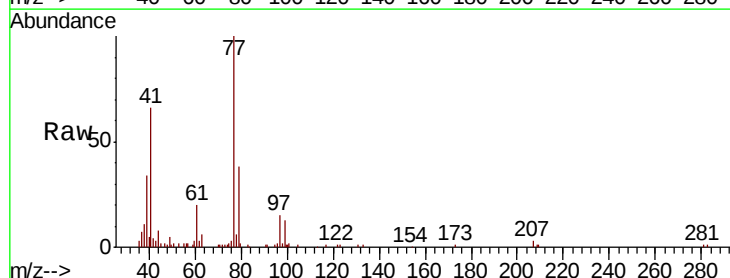
Acq: 19 Sep 2018 13:45

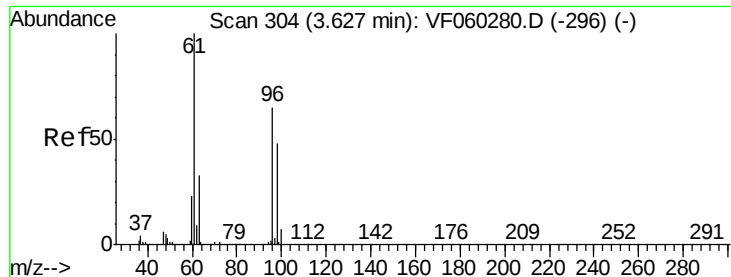
Tgt Ion: 77 Resp: 75767

Ion Ratio Lower Upper

77 100

97 14.9 9.3 27.9





#27

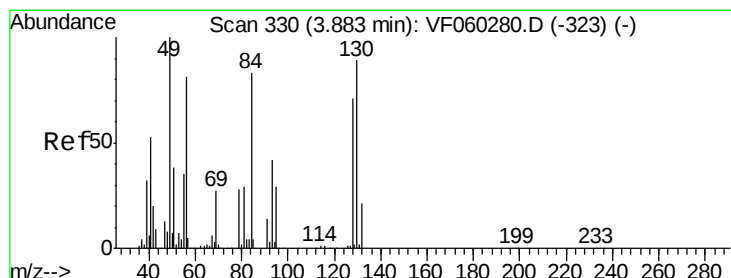
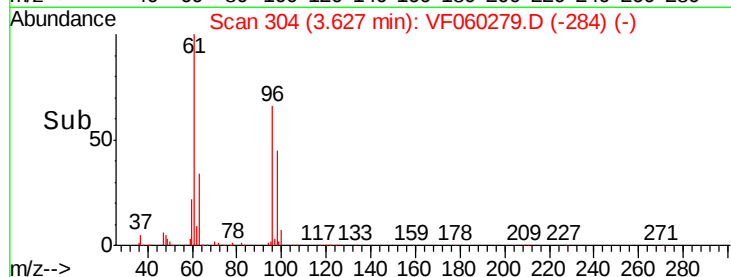
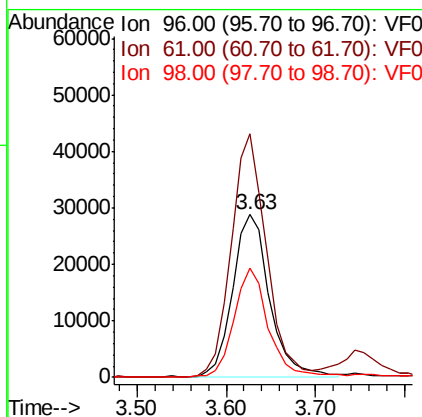
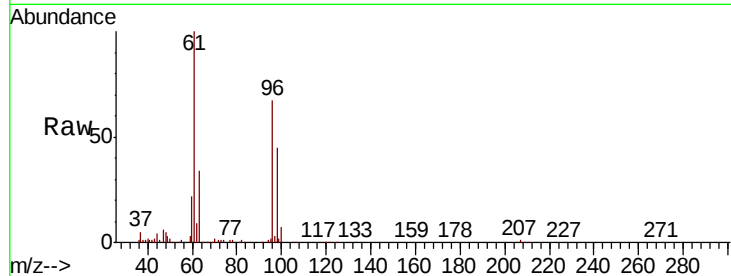
cis-1,2-Dichloroethene
Concen: 21.42 ug/l
RT: 3.63 min Scan# 304
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	149.6	0.0	304.8		
98	66.8	0.0	146.4		

Manual Integrations
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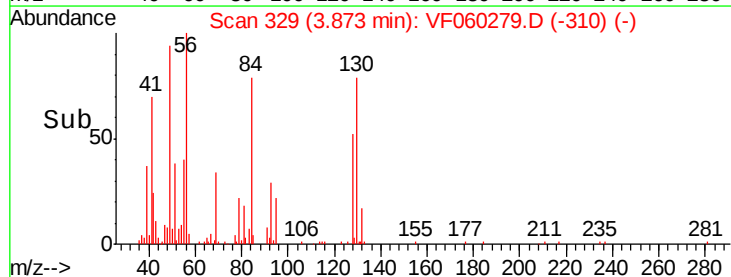
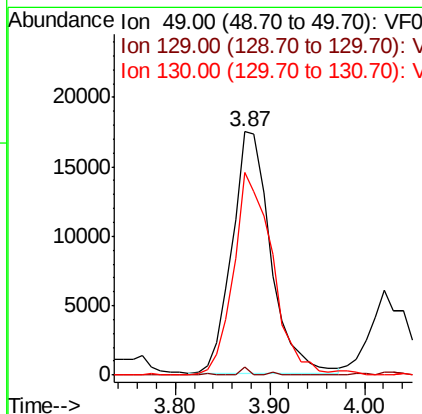
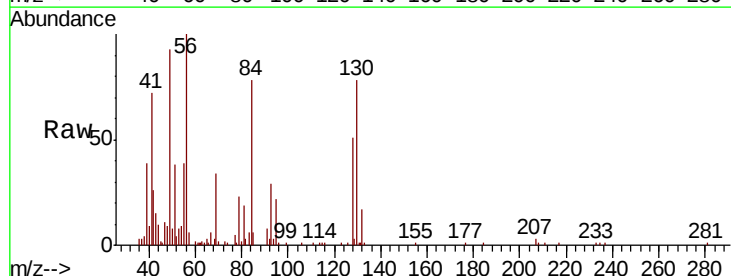
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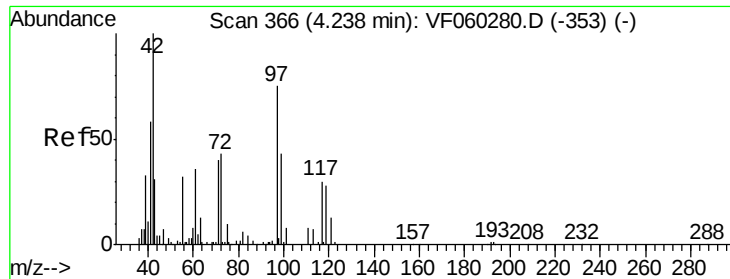


#28

Bromochloromethane
Concen: 20.77 ug/l
RT: 3.87 min Scan# 329
Delta R.T. -0.01 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	3.1	0.0	4.2		
130	84.4	70.3	105.5		





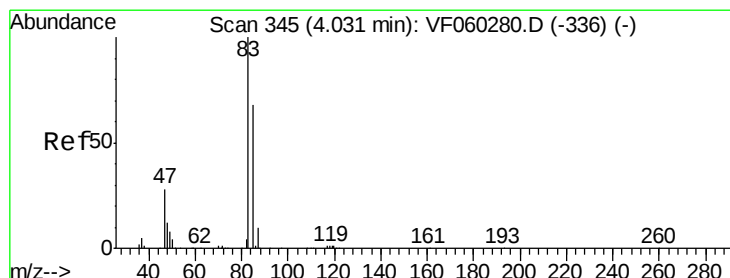
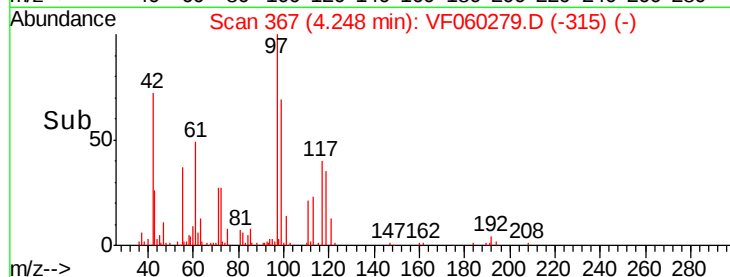
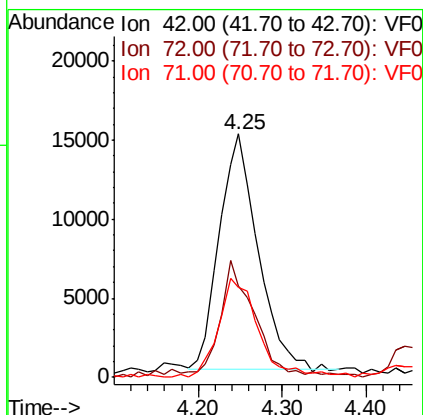
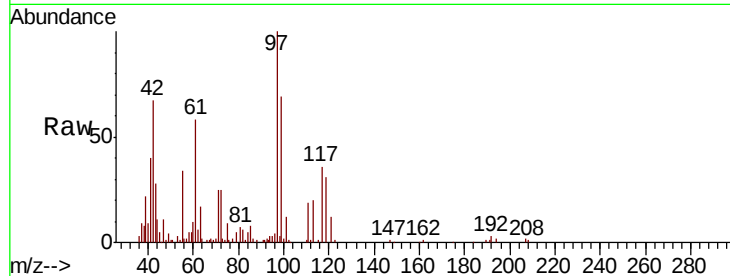
#29
Tetrahydrofuran
Concen: 100.12 ug/l
RT: 4.25 min Scan# 367
Delta R.T. 0.01 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	32.6	49.0
71	44.1	32.7	49.1

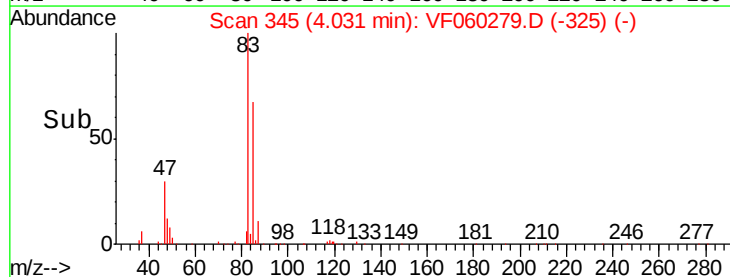
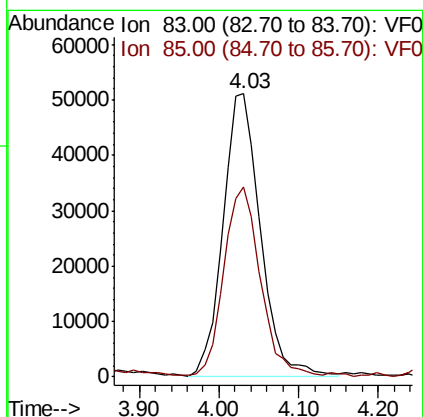
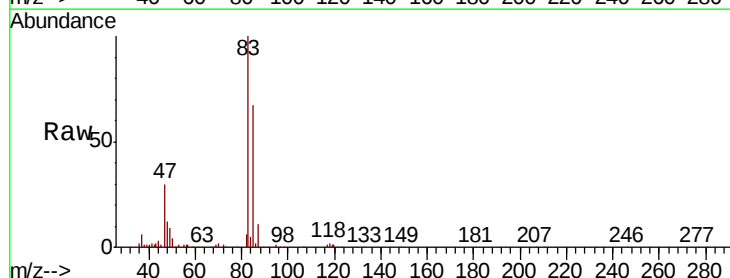
Manual Integrations
APPROVED

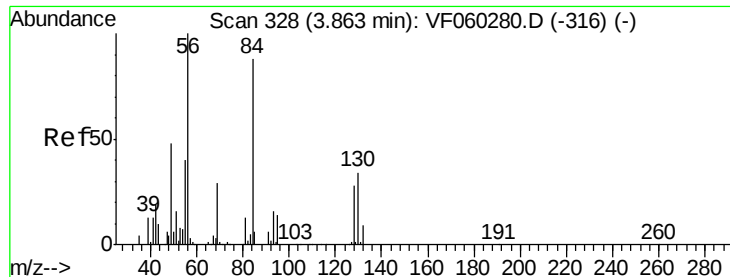
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#30
Chloroform
Concen: 22.73 ug/l
RT: 4.03 min Scan# 345
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	54.9	82.3





#31

Cyclohexane

Concen: 23.96 ug/l

RT: 3.85 min Scan# 327

Delta R.T. -0.01 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

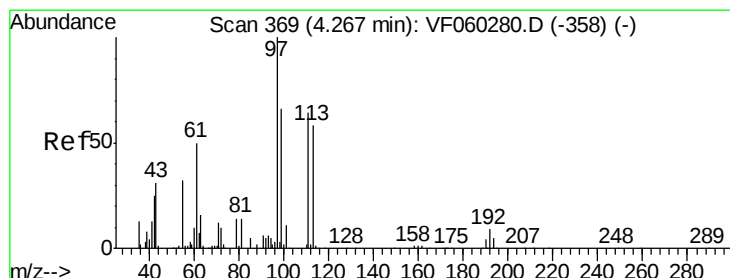
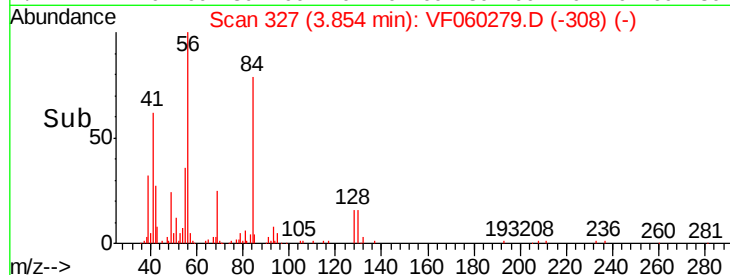
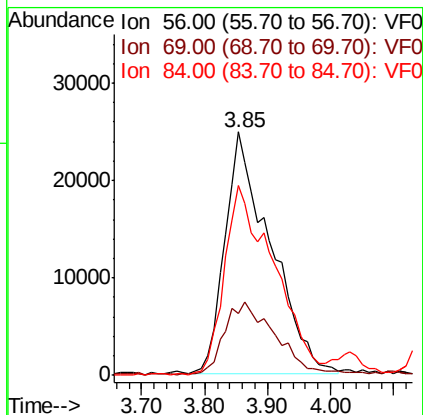
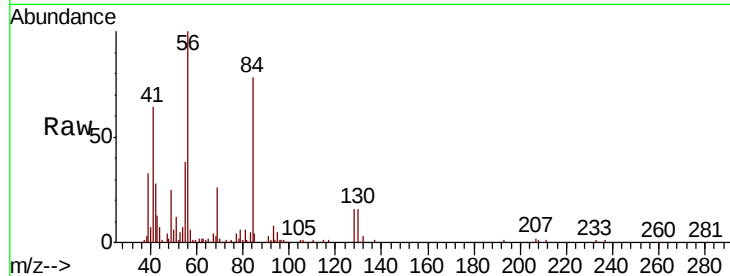
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	124257
Ion Ratio	Lower	Upper	
56	100		
69	25.6	23.8	35.6
84	77.9	70.2	105.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.59 ug/l

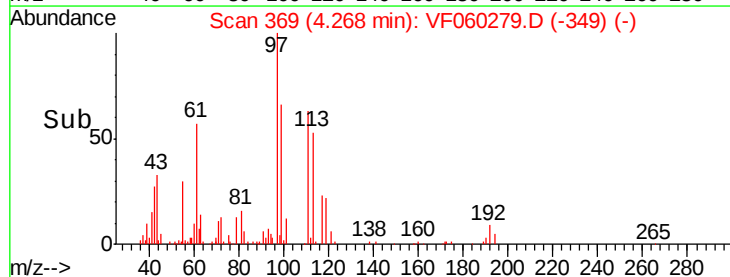
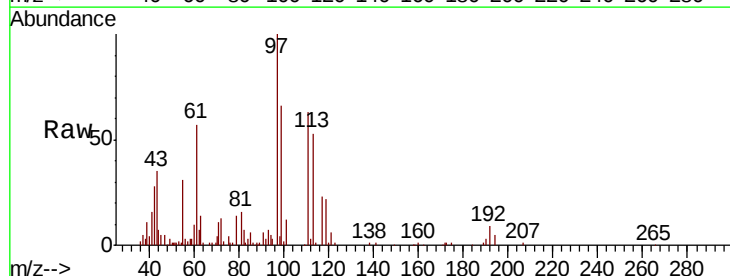
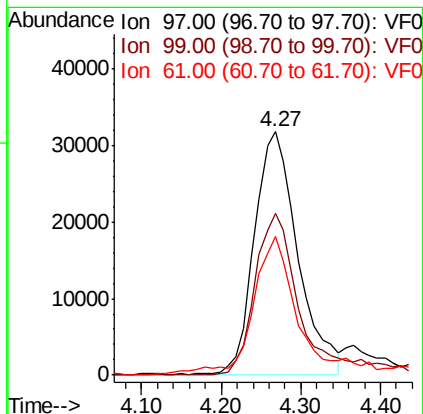
RT: 4.27 min Scan# 369

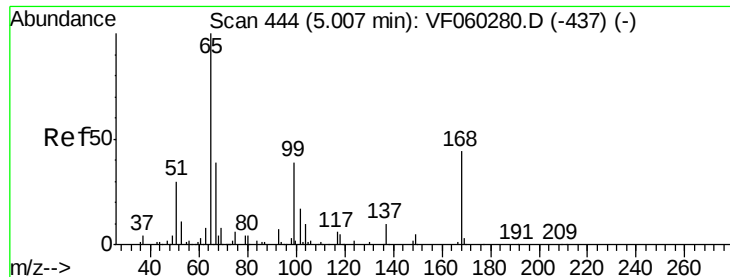
Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tgt Ion:	97	Resp:	120372
Ion Ratio	Lower	Upper	
97	100		
99	66.3	53.0	79.4
61	57.2	40.6	61.0





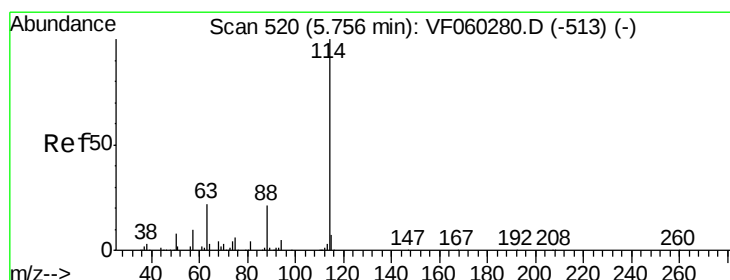
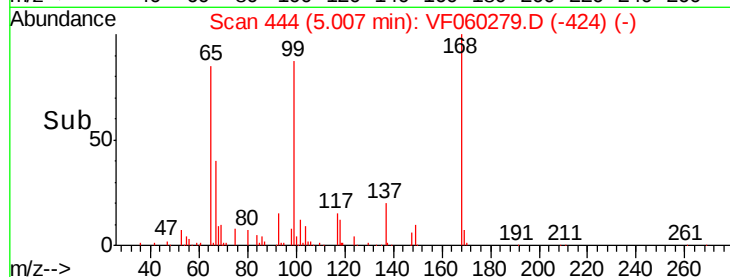
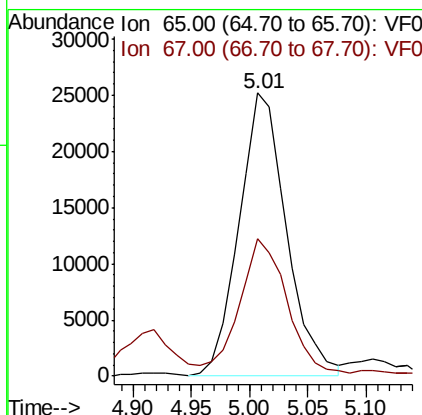
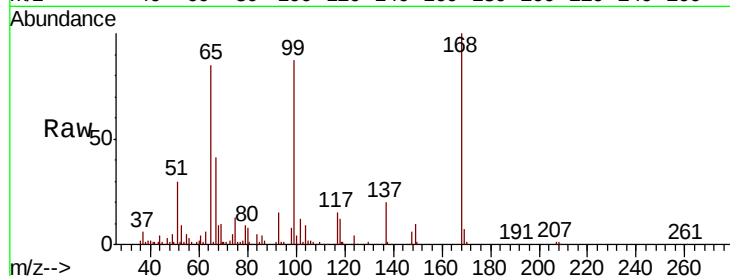
#33
 1,2-Dichloroethane-d4
 Concen: 20.93 ug/l
 RT: 5.01 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	94.4

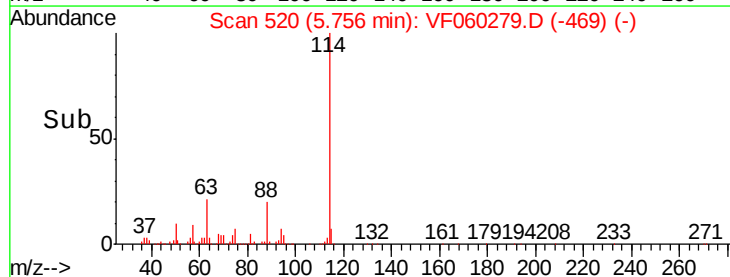
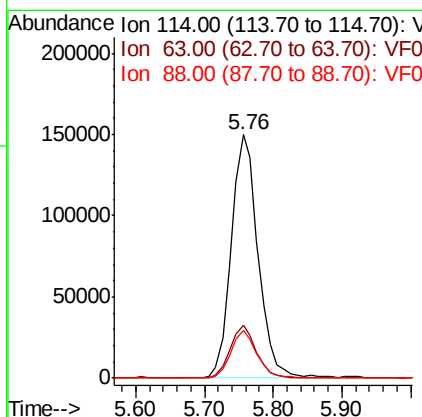
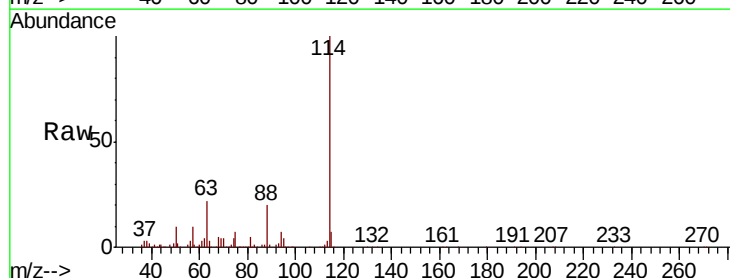
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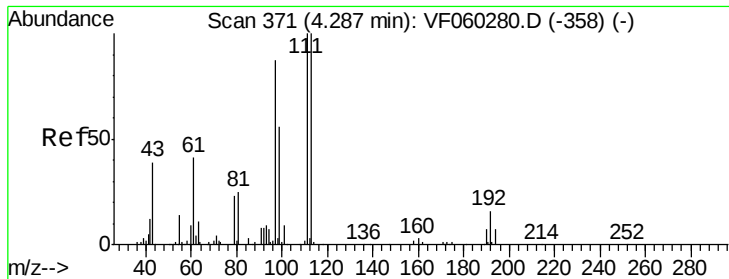
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.8
88	19.6	0.0	41.2





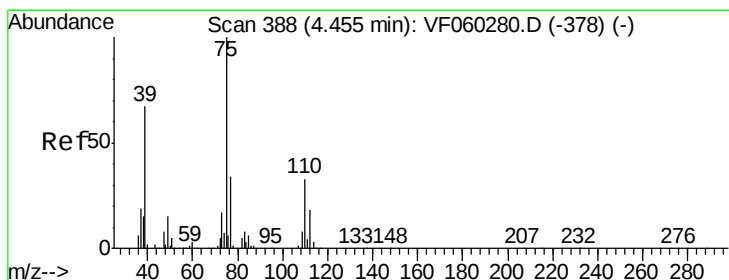
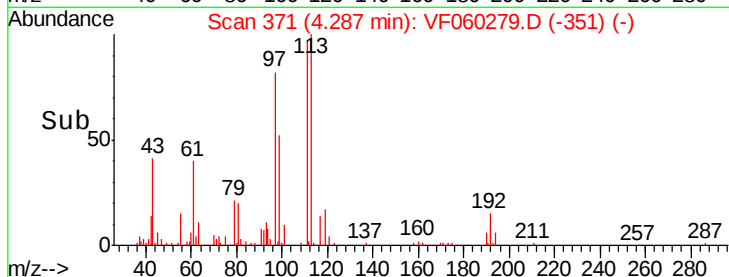
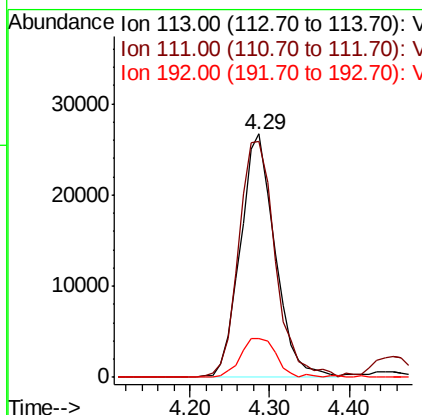
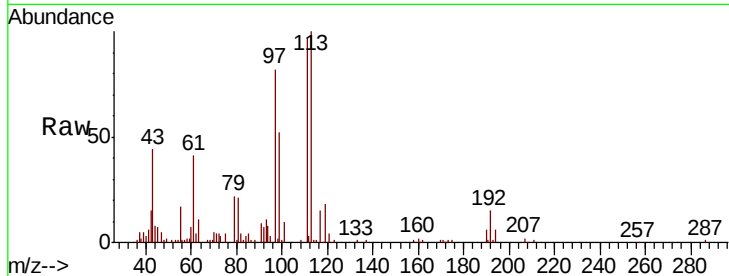
#35
 Dibromofluoromethane
 Concen: 22.35 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	97.1	79.6	119.4
192	15.8	13.0	19.6

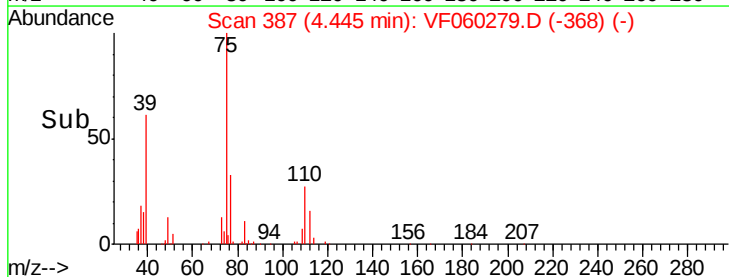
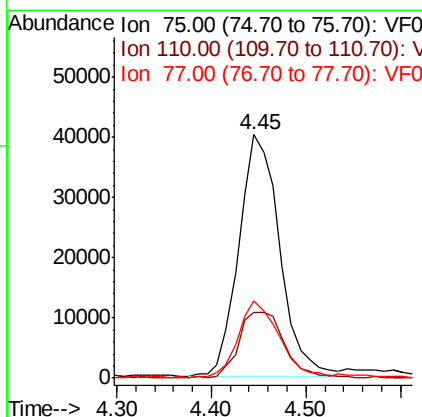
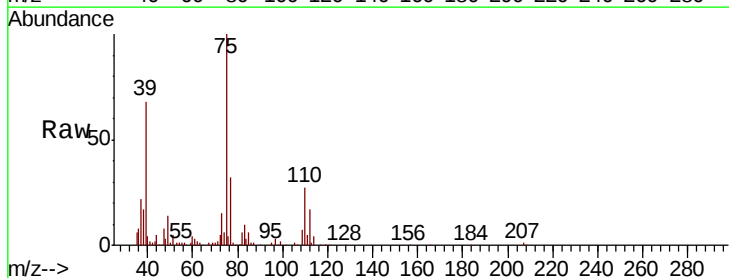
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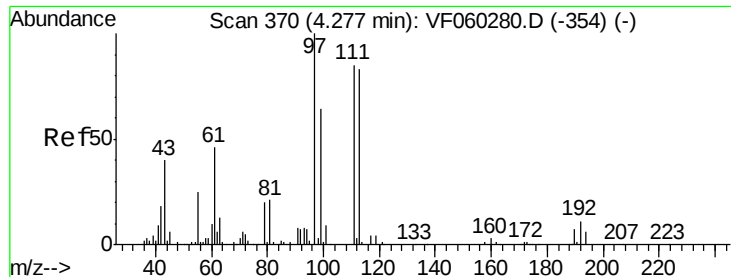
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#36
 1,1-Dichloropropene
 Concen: 23.90 ug/l
 RT: 4.45 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	26.9	16.4	49.2
77	31.8	27.3	40.9





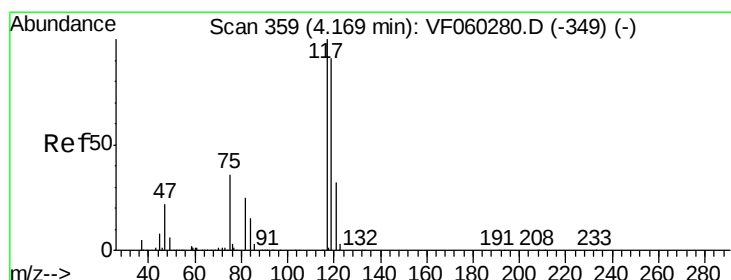
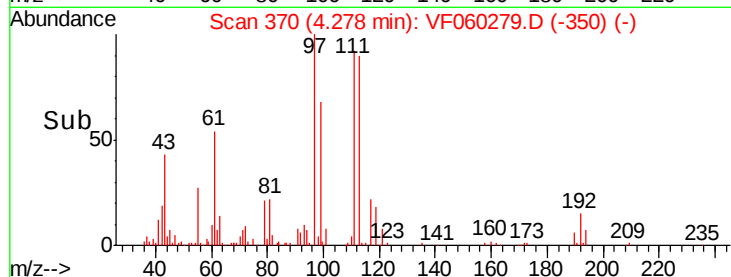
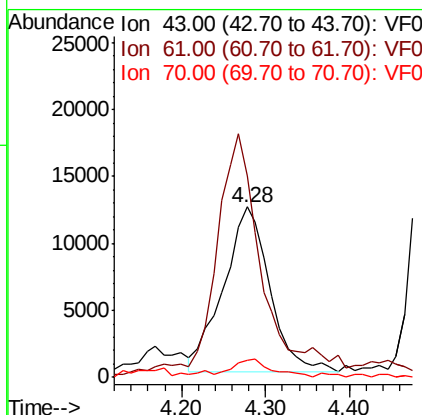
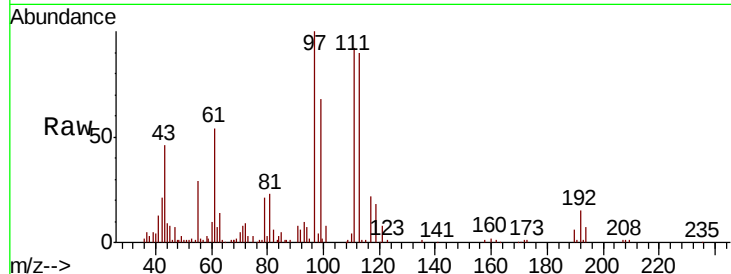
#37
Ethyl Acetate
Concen: 22.26 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	117.8	91.1	136.7
70	10.1	6.9	10.3

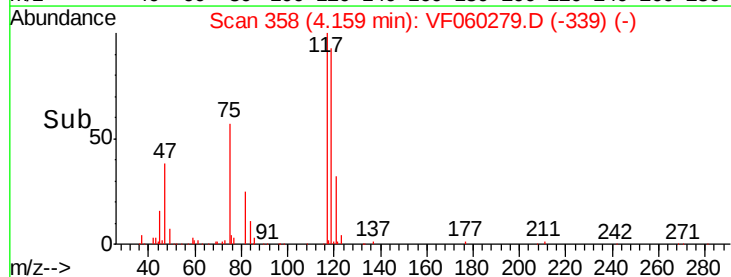
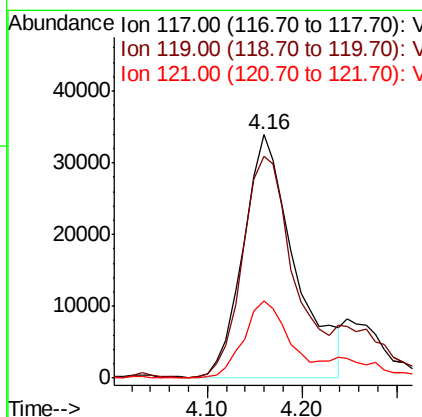
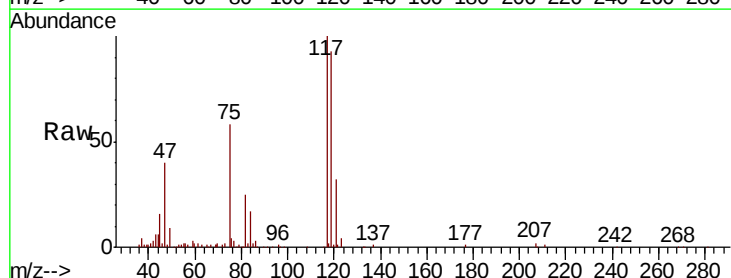
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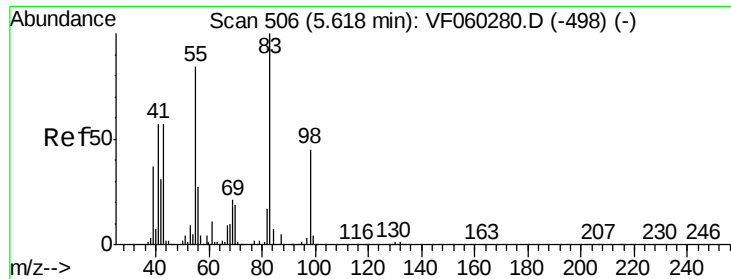
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#38
Carbon Tetrachloride
Concen: 22.33 ug/l
RT: 4.16 min Scan# 358
Delta R.T. -0.01 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	73.0	109.6
121	31.8	25.4	38.2





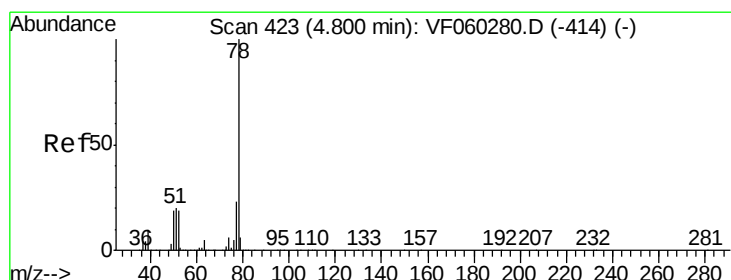
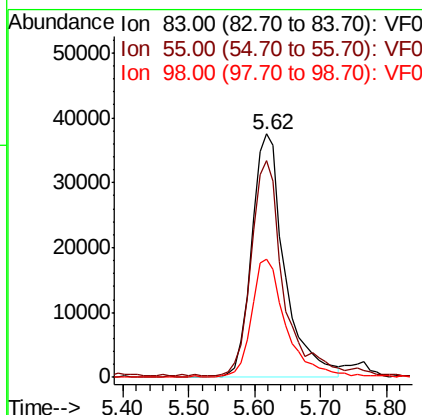
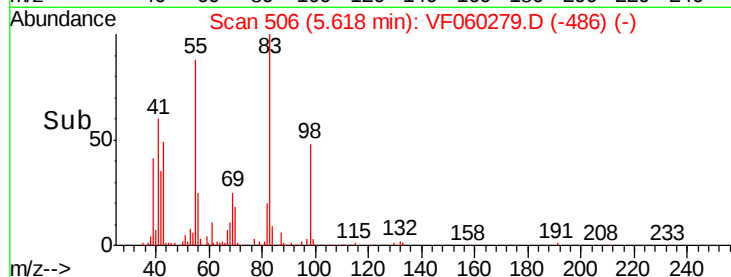
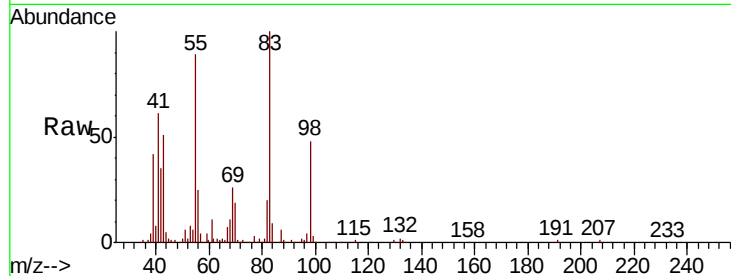
#39
Methvlcvclohexane
Concen: 24.16 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.3	67.3	100.9
98	48.5	36.1	54.1

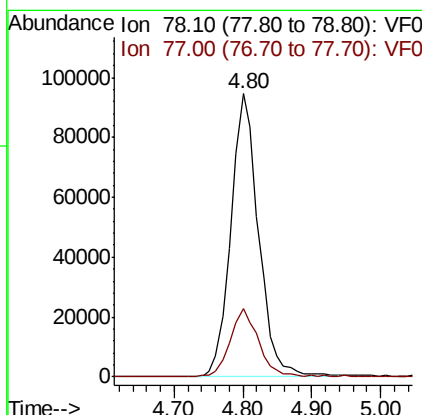
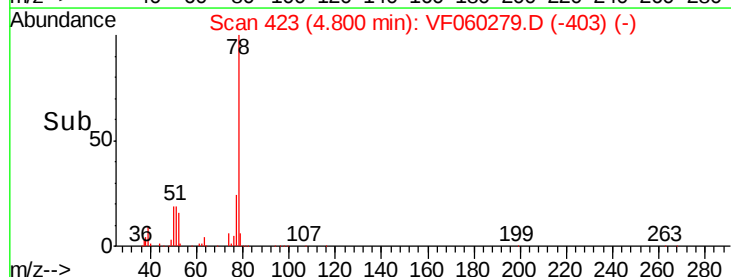
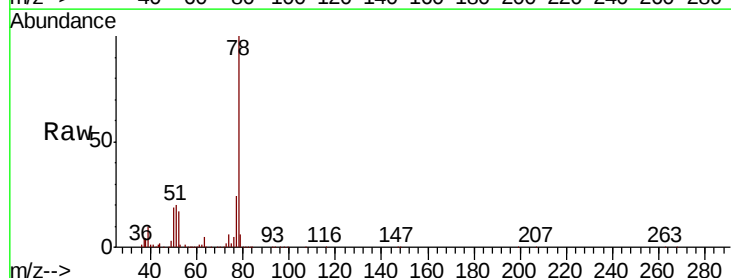
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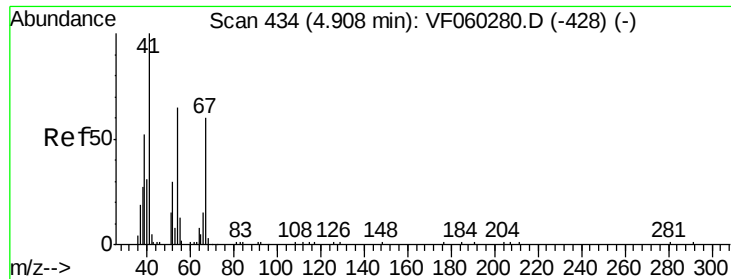
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#40
Benzene
Concen: 23.09 ug/l
RT: 4.80 min Scan# 423
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.4	27.6





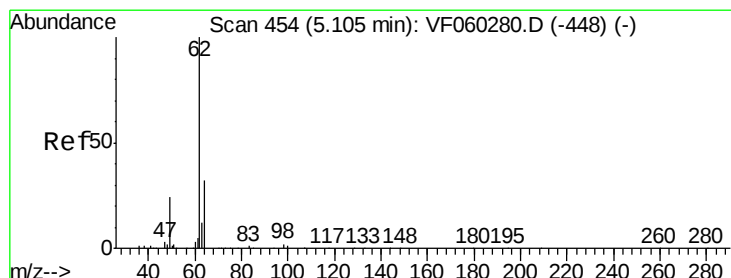
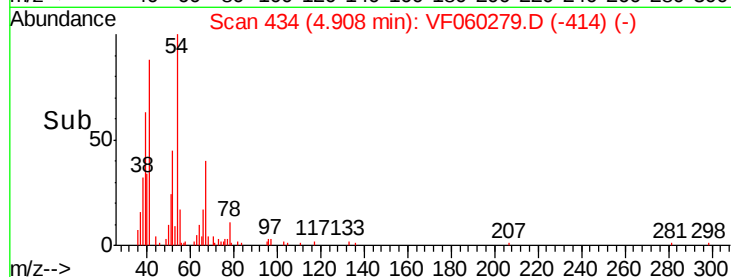
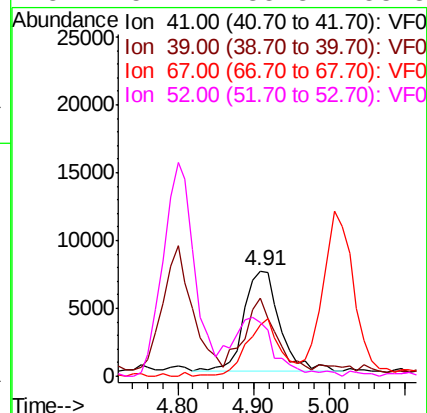
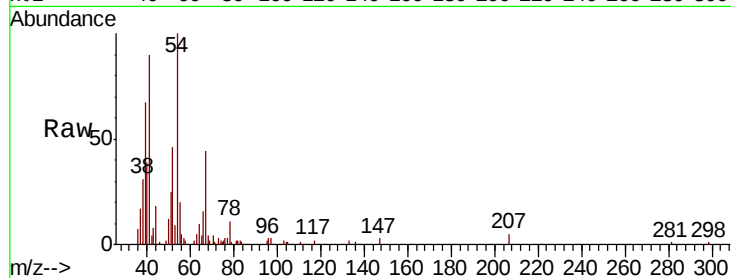
#41
Methacrylonitrile
Concen: 21.24 ug/l
RT: 4.91 min Scan# 434
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.4	49.1	73.7#
67	48.7	48.2	72.4
52	51.2	35.8	53.8

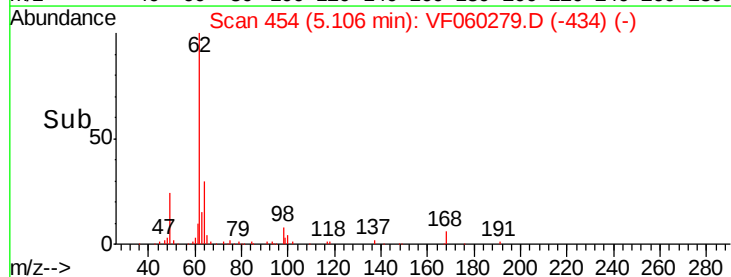
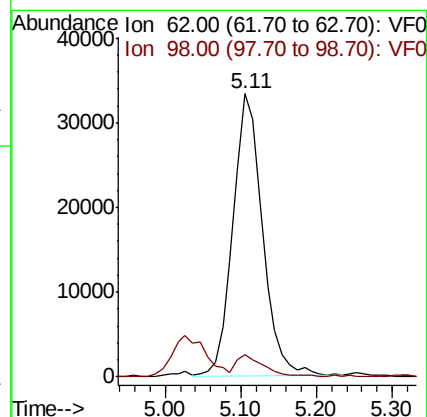
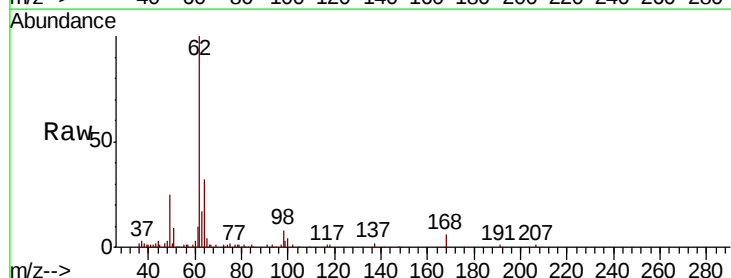
Manual Integrations
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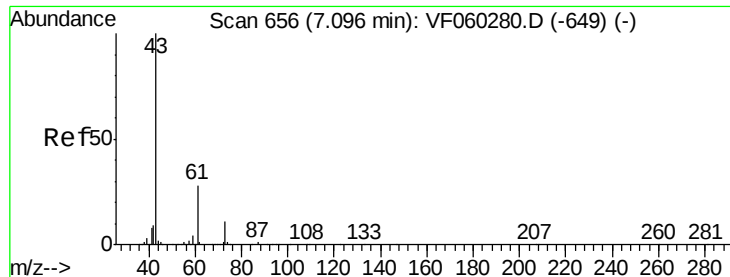
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#42
1,2-Dichloroethane
Concen: 21.45 ug/l
RT: 5.11 min Scan# 454
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	14.4





#43

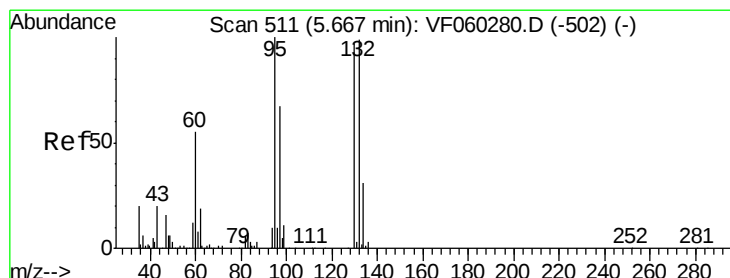
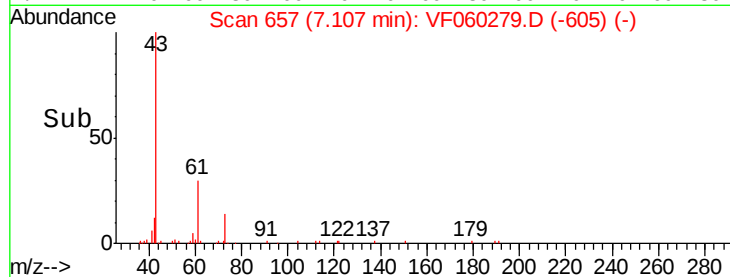
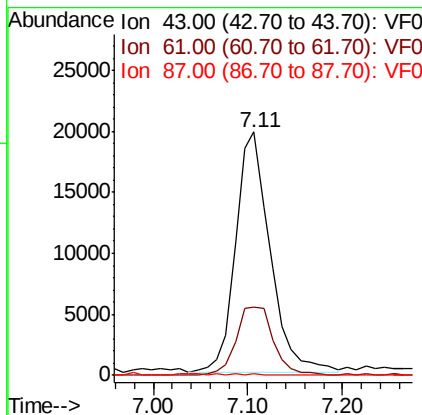
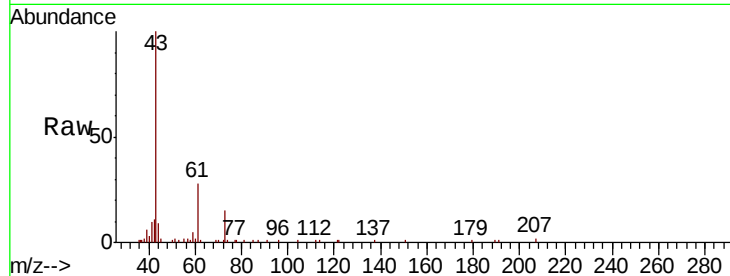
Isopropyl Acetate
 Concen: 19.52 ug/l
 RT: 7.11 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.0	22.4	33.6
87	0.7	0.6	0.8

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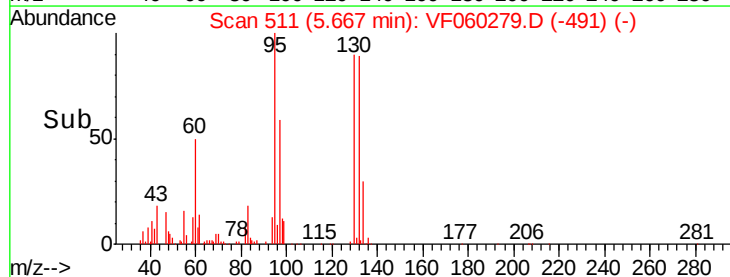
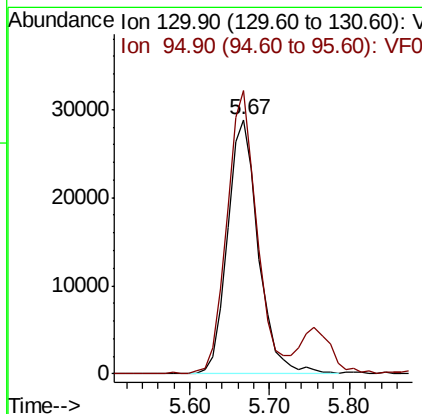
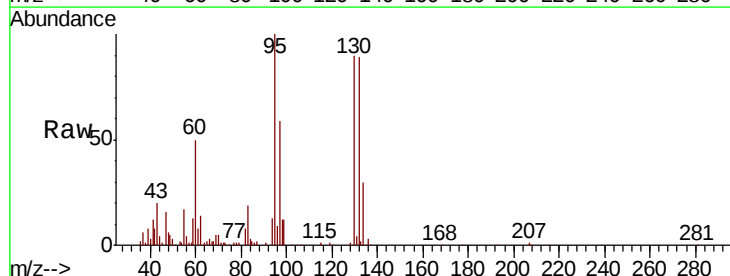
apatel
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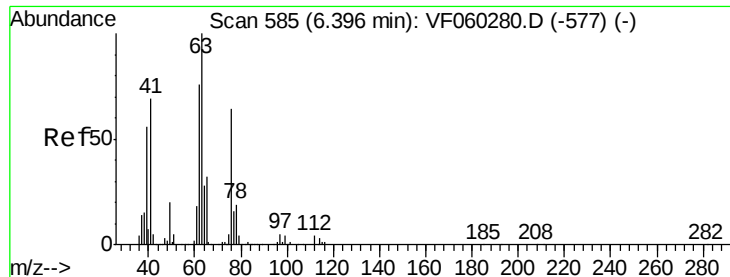


#44

Trichloroethene
 Concen: 22.96 ug/l
 RT: 5.67 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	111.3	0.0	205.6





#45

1,2-Dichloropropane

Concen: 21.64 ug/l

RT: 6.40 min Scan# 585

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 63970

Ion Ratio Lower Upper

63 100

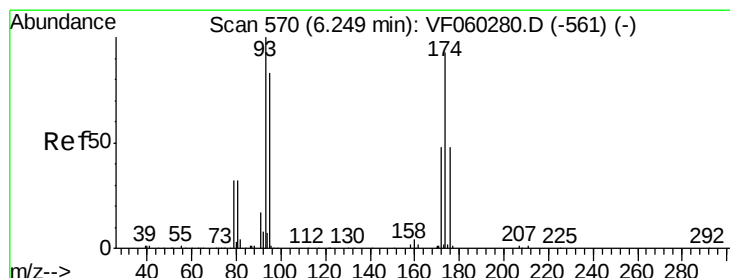
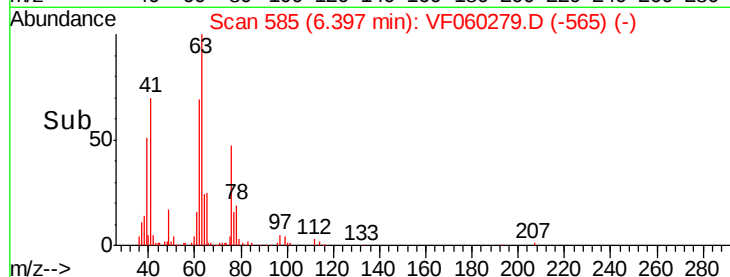
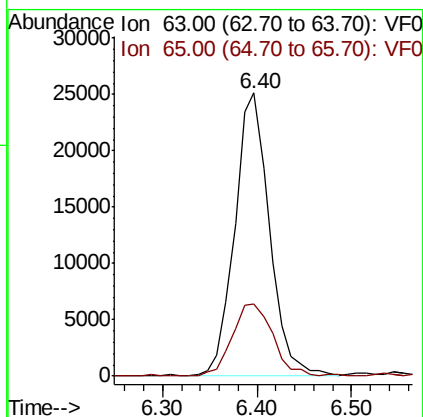
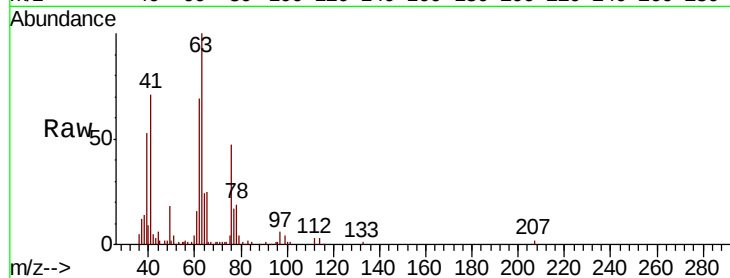
65 25.5 26.2 39.4#

Manual Integrations

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#46

Dibromomethane

Concen: 21.84 ug/l

RT: 6.25 min Scan# 570

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

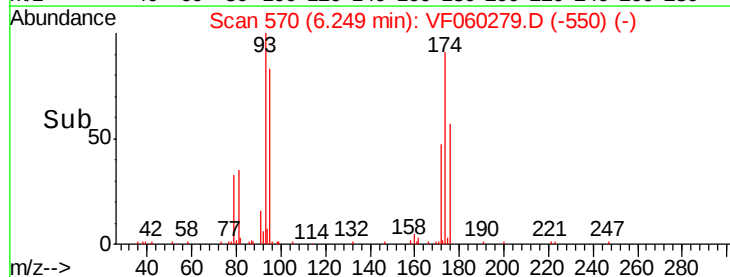
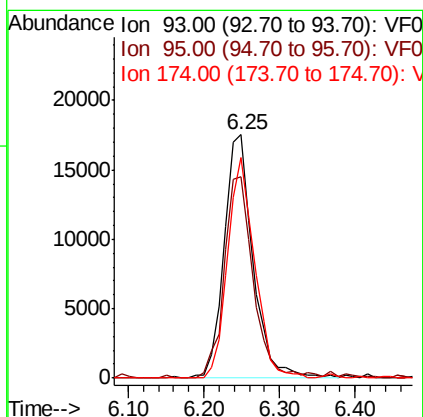
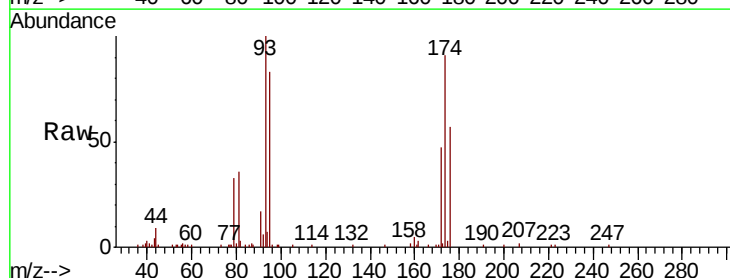
Tgt Ion: 93 Resp: 46148

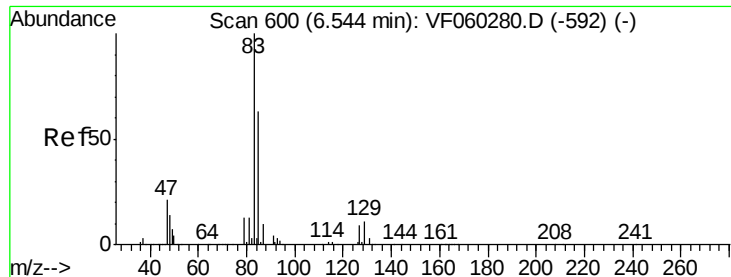
Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.6

174 90.6 74.8 112.2





#47

Bromodichloromethane

Concen: 21.43 ug/l

RT: 6.54 min Scan# 600

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

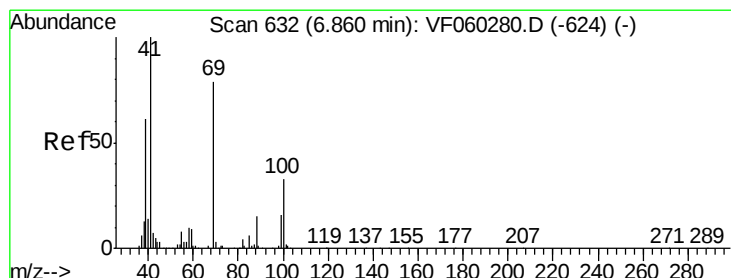
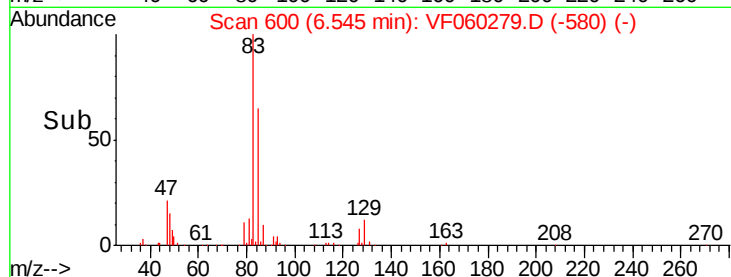
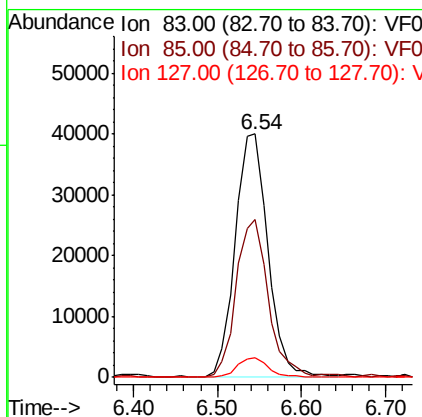
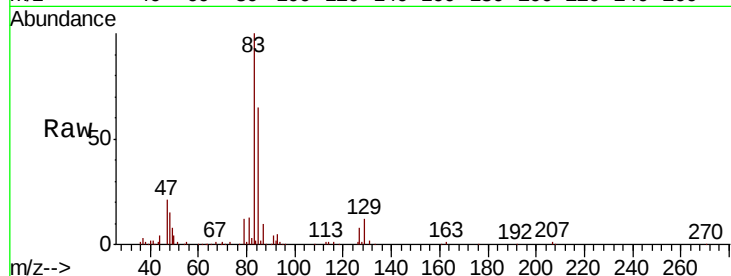
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	108817
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.6	76.0
127	8.0	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.48 ug/l

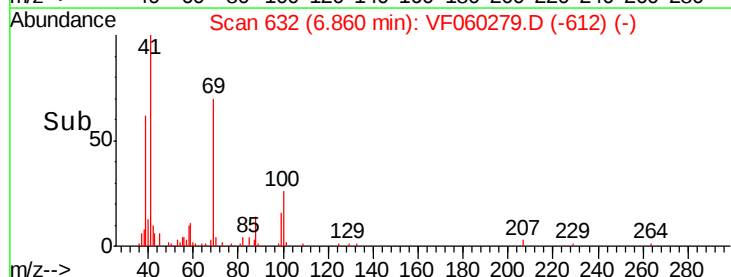
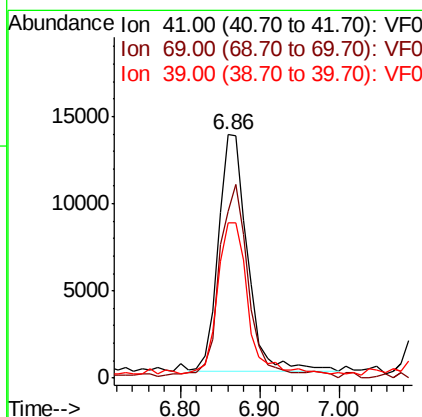
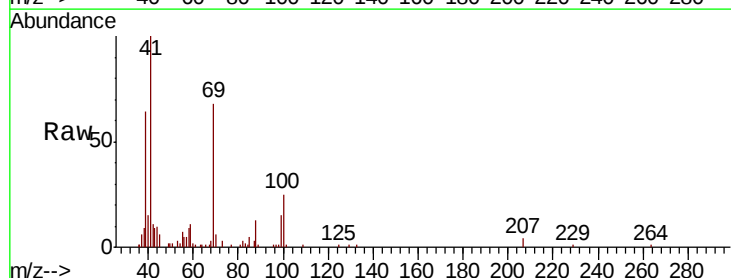
RT: 6.86 min Scan# 632

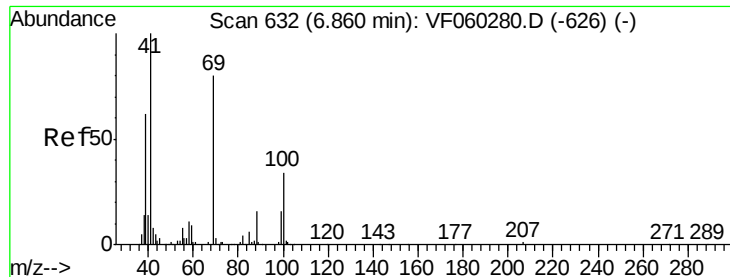
Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tgt Ion:	41	Resp:	35089
Ion Ratio	Lower	Upper	
41	100		
69	68.5	62.6	94.0
39	63.8	49.1	73.7





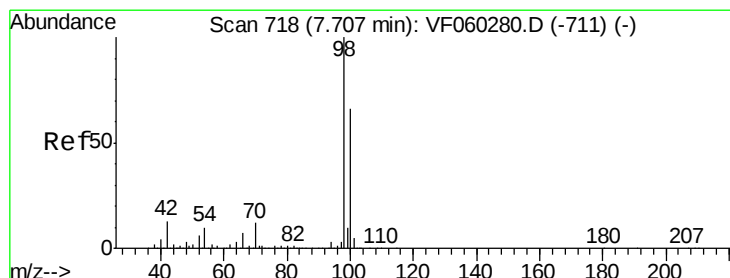
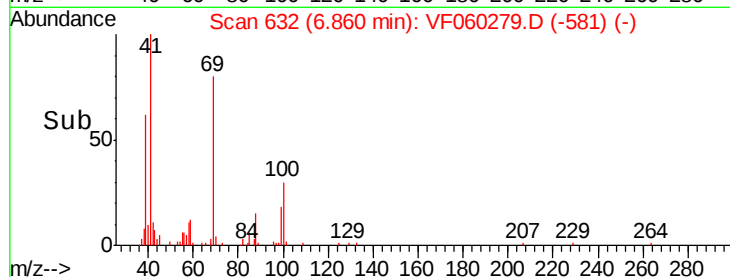
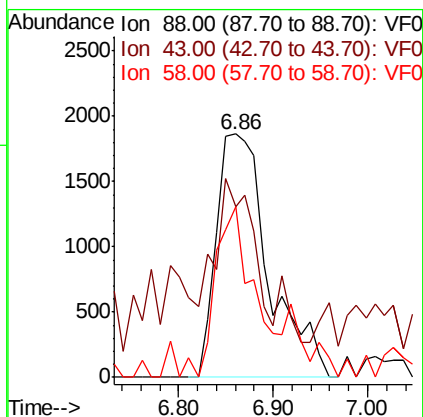
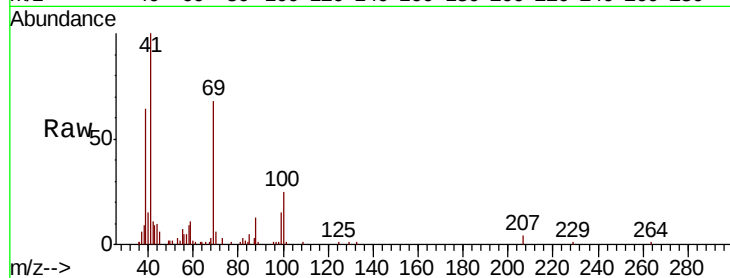
#49
1,4-Dioxane
Concen: 446.54 ug/l
RT: 6.86 min Scan# 632
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	70.3	40.2	60.4#
58	70.0	56.7	85.1

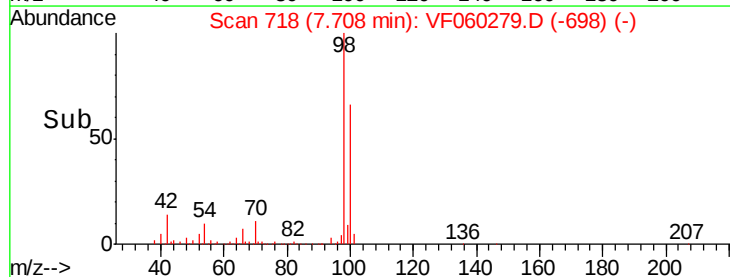
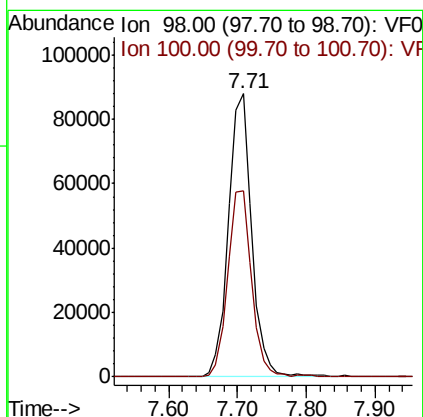
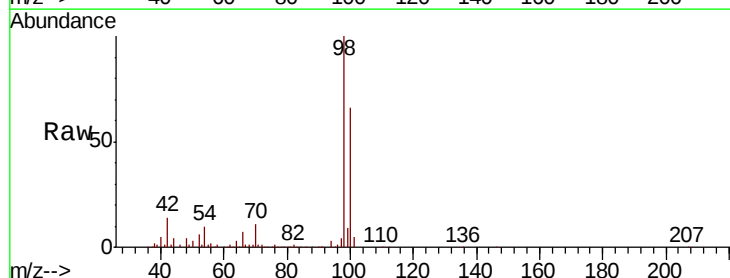
Manual Integrations
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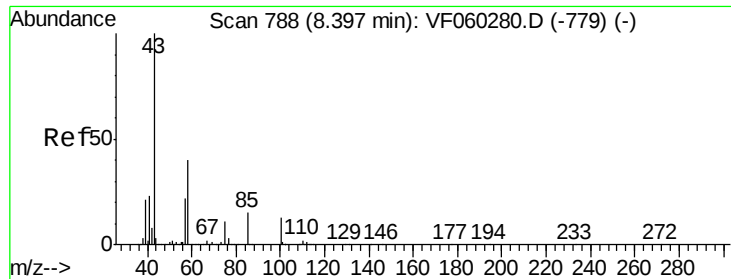
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#50
Toluene-d8
Concen: 21.95 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 97.44 ug/l

RT: 8.40 min Scan# 788

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tot Ion: 43 Resp: 192688

Ion Ratio Lower Upper

43 100

58 34.8 31.8 47.8

Instrument :

MSVOA_F

ClientSampleId :

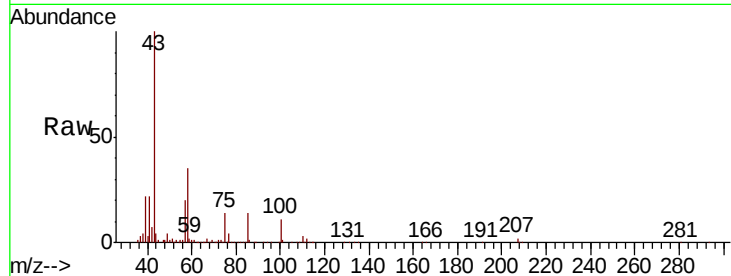
VSTDIC020

Manual Integrations

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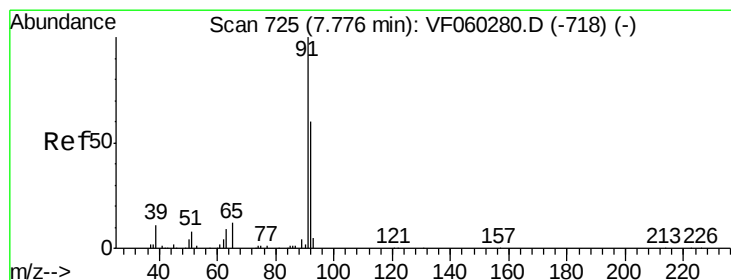
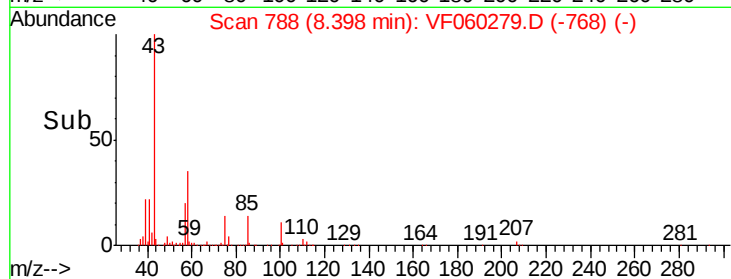
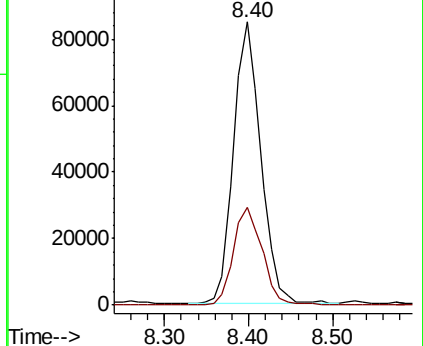
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 22.47 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060279.D

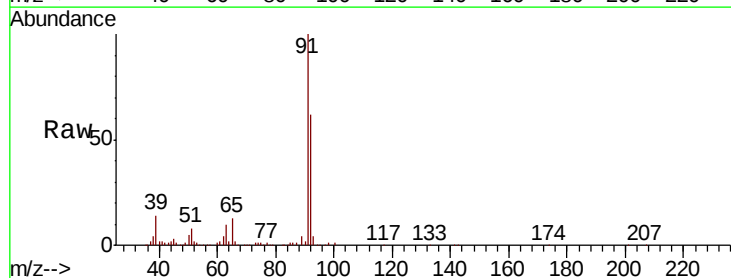
Acq: 19 Sep 2018 13:45

Tgt Ion: 92 Resp: 162382

Ion Ratio Lower Upper

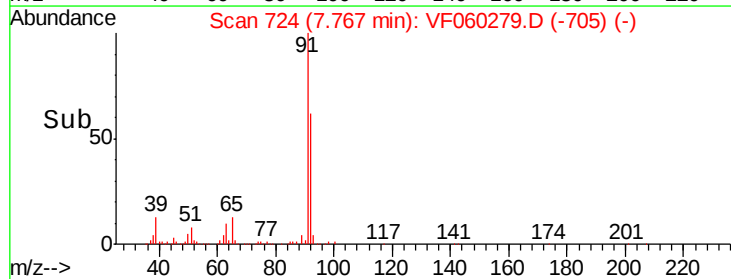
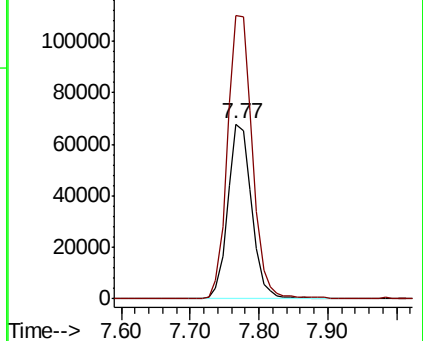
92 100

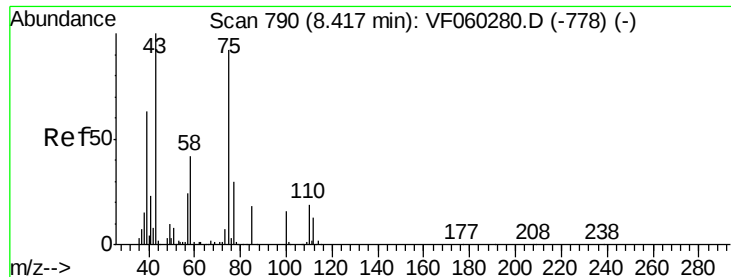
91 162.0 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 22.31 ug/l

RT: 8.42 min Scan# 790

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tot Ion: 75 Resp: 91383

Ion Ratio Lower Upper

75 100

77 33.3 25.9 38.9

Instrument :

MSVOA_F

ClientSampleId :

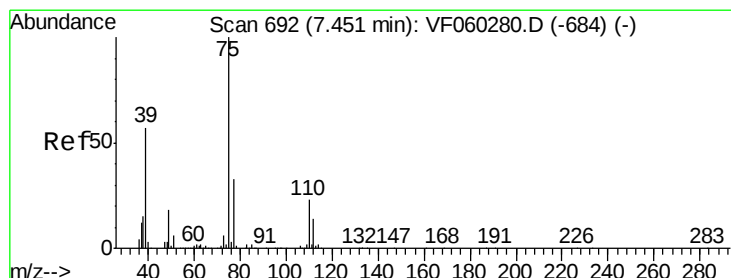
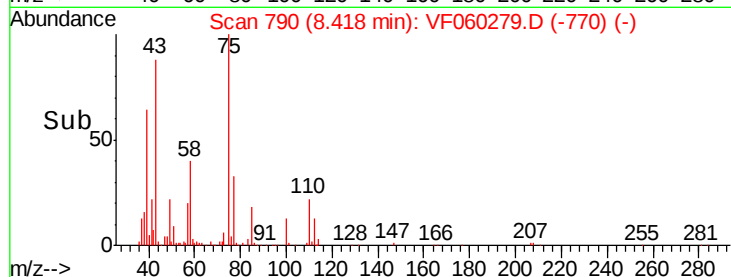
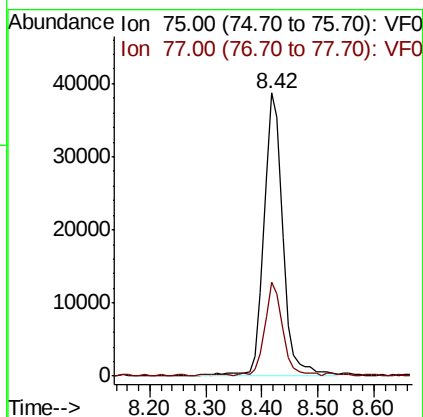
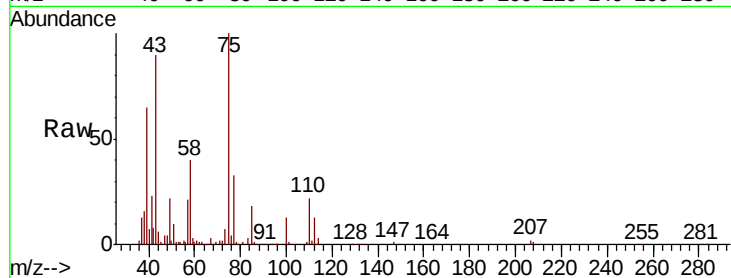
VSTDIC020

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#54

cis-1,3-Dichloropropene

Concen: 21.93 ug/l

RT: 7.45 min Scan# 692

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

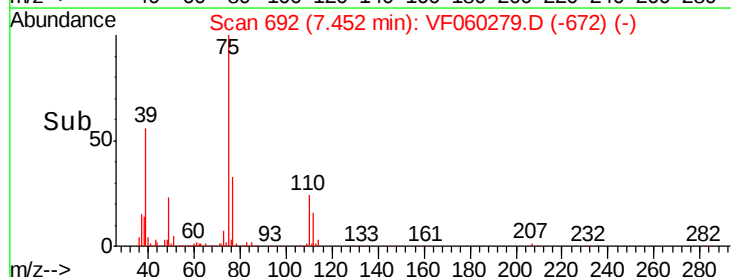
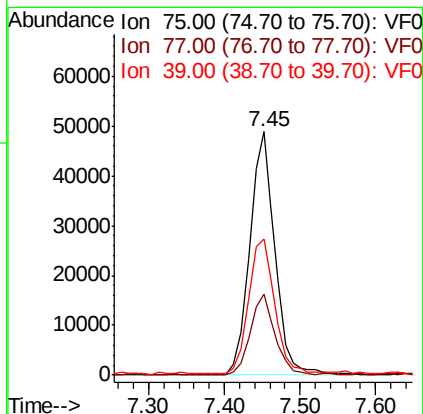
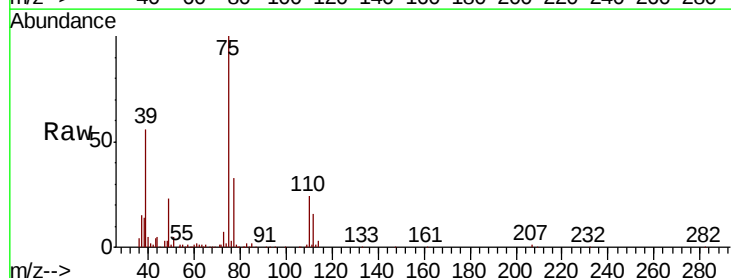
Tgt Ion: 75 Resp: 113122

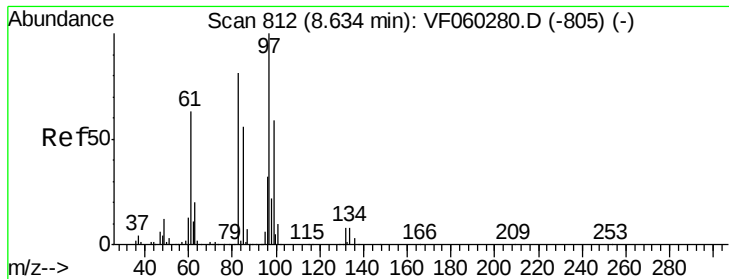
Ion Ratio Lower Upper

75 100

77 33.4 26.3 39.5

39 56.0 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 21.79 ug/l

RT: 8.63 min Scan# 812

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

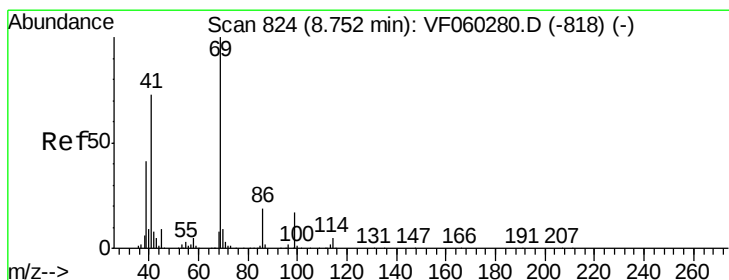
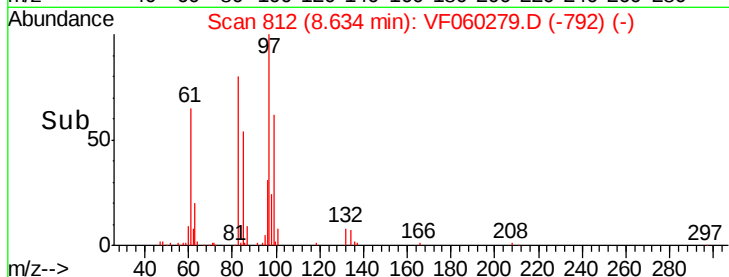
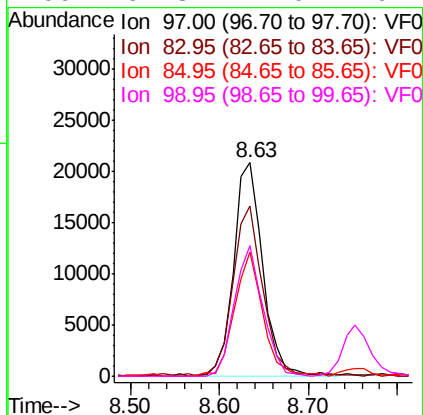
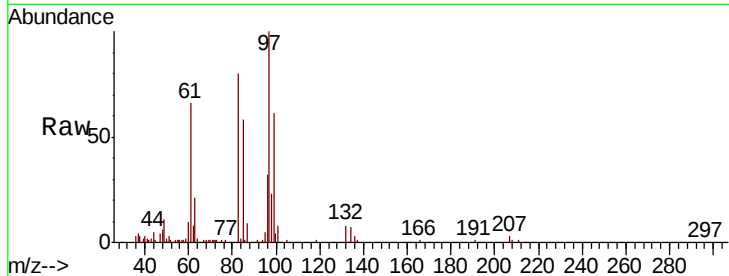
ClientSampleId :

VSTDIC020

Tot Ion:	97	Resp:	47778
Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.3	97.9
85	58.1	44.7	67.1
99	61.3	47.0	70.4

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#56

Ethyl methacrylate

Concen: 20.14 ug/l

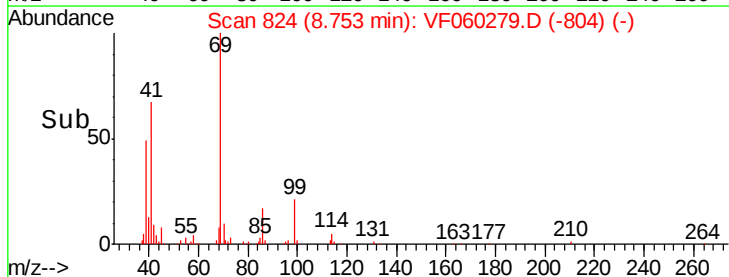
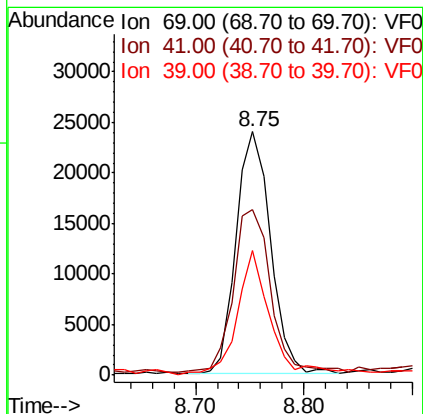
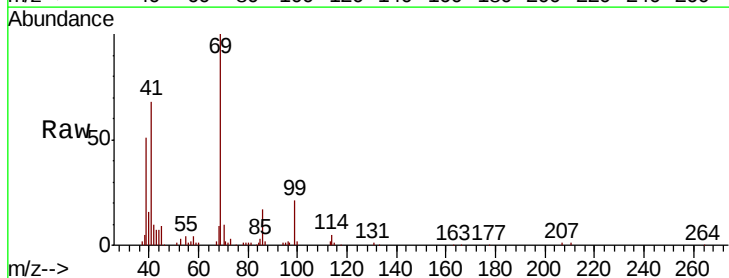
RT: 8.75 min Scan# 824

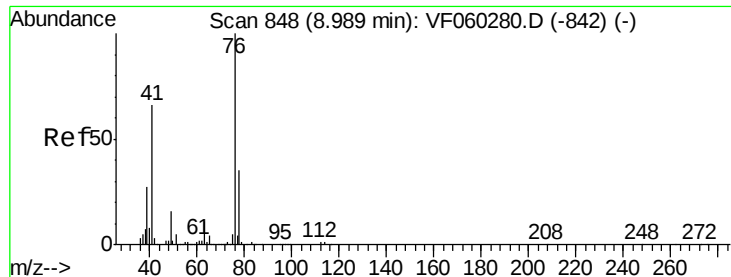
Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tgt Ion:	69	Resp:	53329
Ion	Ratio	Lower	Upper
69	100		
41	67.9	59.4	89.2
39	51.0	33.5	50.3#





#57

1,3-Dichloropropane

Concen: 20.65 ug/l

RT: 8.99 min Scan# 848

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 74972

Ion Ratio Lower Upper

76 100

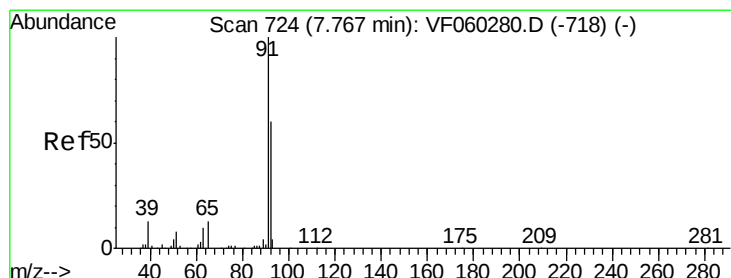
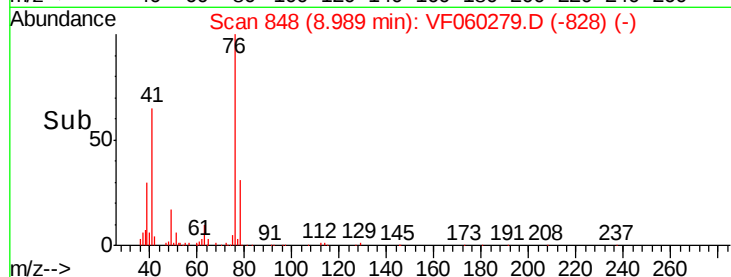
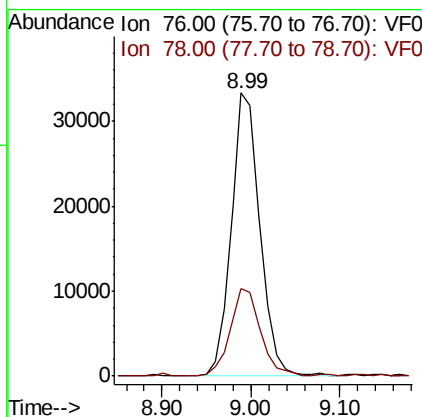
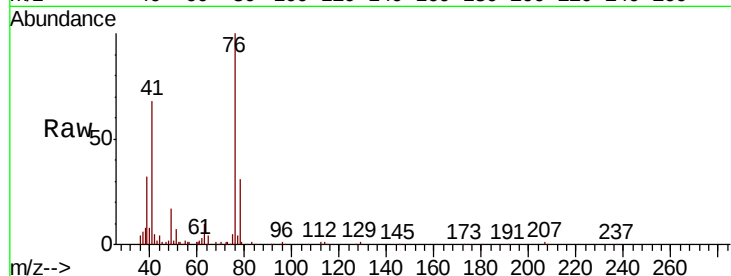
78 31.0 28.2 42.2

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#58

2-Chloroethyl Vinyl ether

Concen: 117.42 ug/l

RT: 7.77 min Scan# 724

Delta R.T. 0.00 min

Lab File: VF060279.D

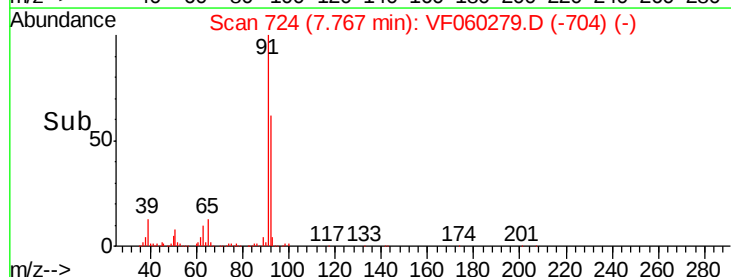
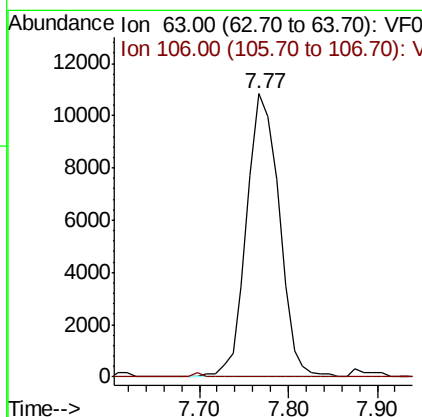
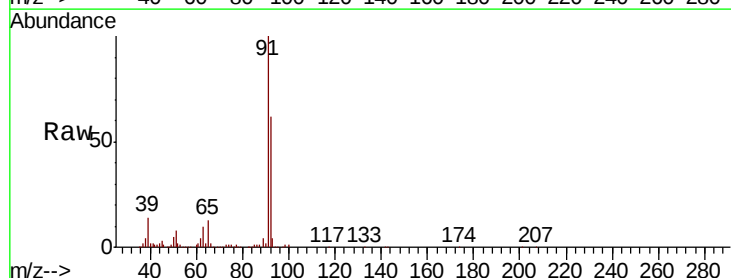
Acq: 19 Sep 2018 13:45

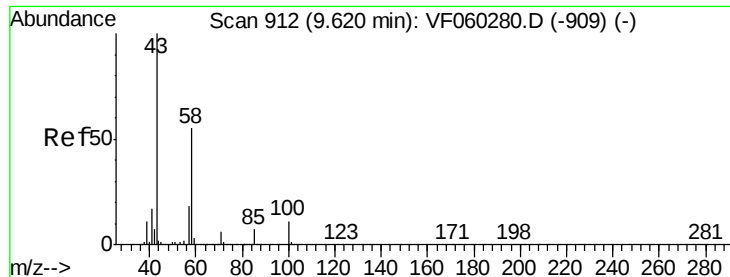
Tgt Ion: 63 Resp: 27491

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





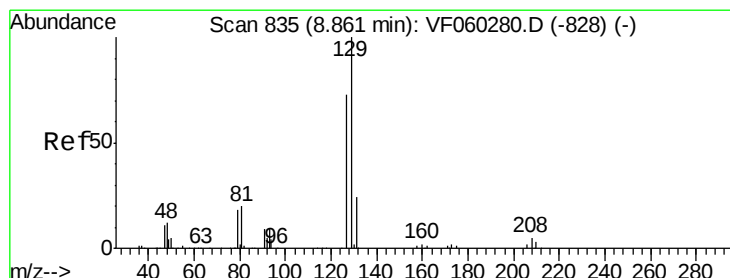
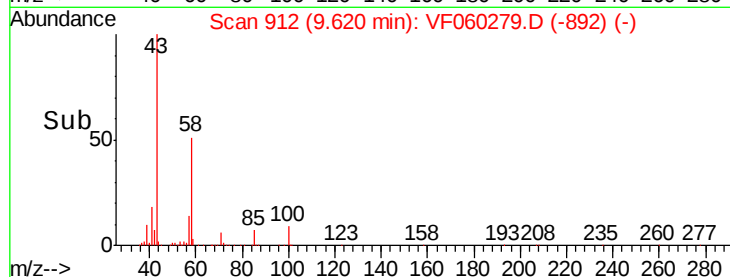
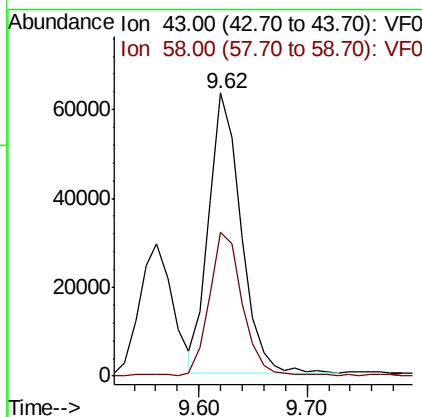
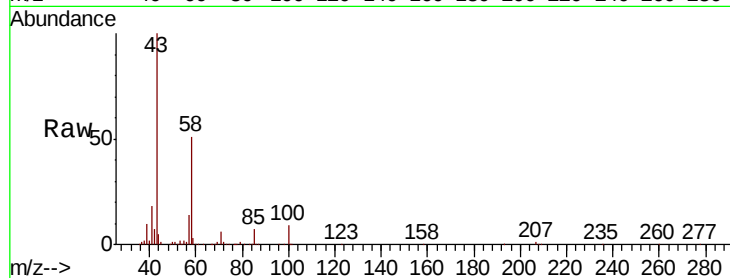
#59
2-Hexanone
Concen: 92.97 ug/l
RT: 9.62 min Scan# 912
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 130904
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.6

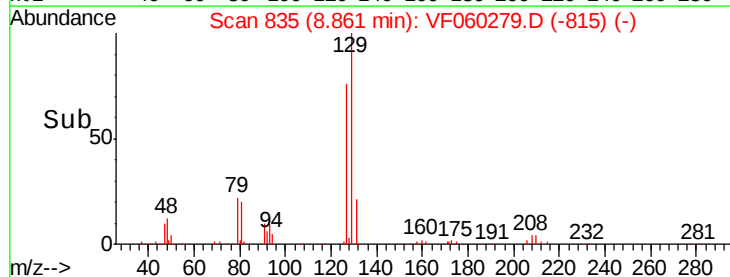
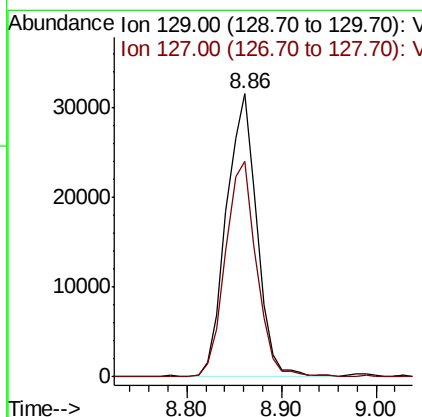
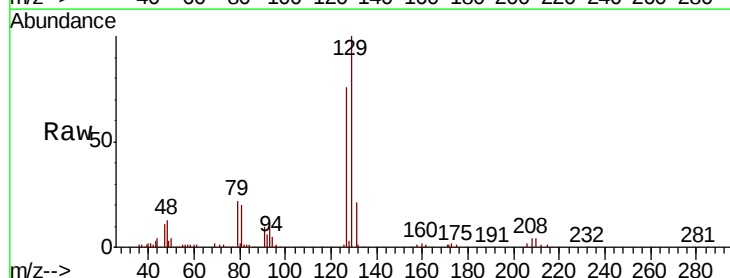
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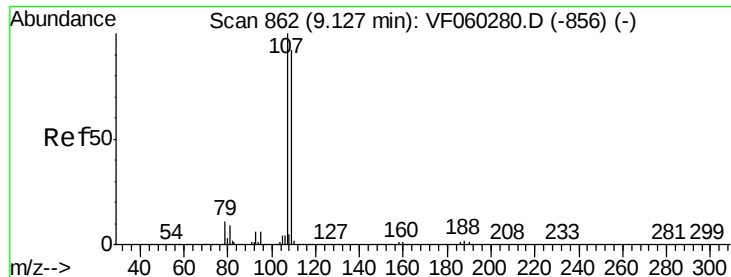
apatel
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#60
Dibromochloromethane
Concen: 21.63 ug/l
RT: 8.86 min Scan# 835
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion: 129 Resp: 70699
Ion Ratio Lower Upper
129 100
127 76.1 36.6 109.8





#61

1,2-Dibromoethane

Concen: 21.26 ug/l

RT: 9.13 min Scan# 862

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion: 107 Resp: 51921

Ion Ratio Lower Upper

107 100

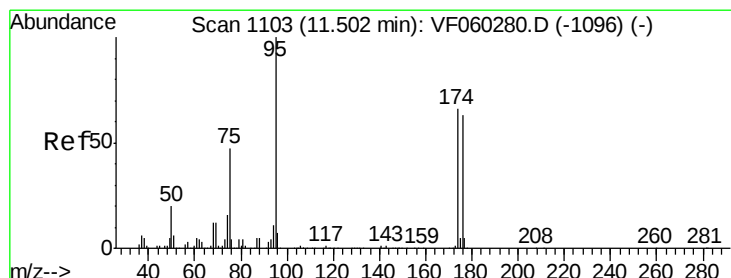
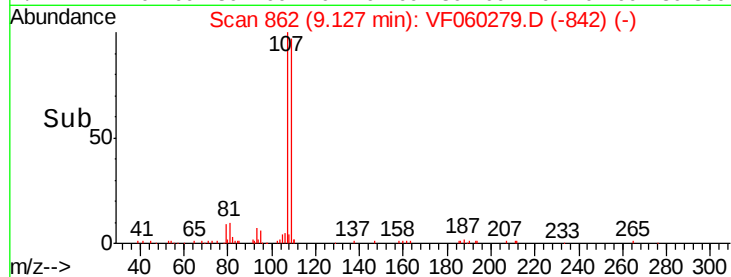
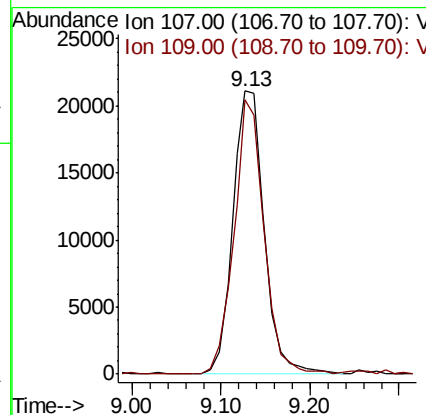
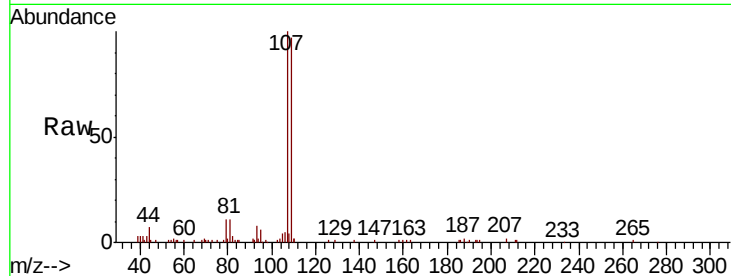
109 97.0 73.2 109.8

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#62

4-Bromofluorobenzene

Concen: 19.96 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

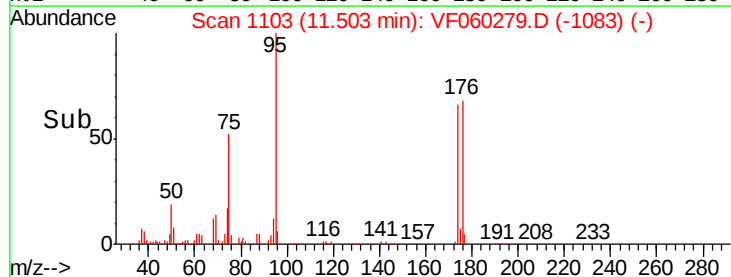
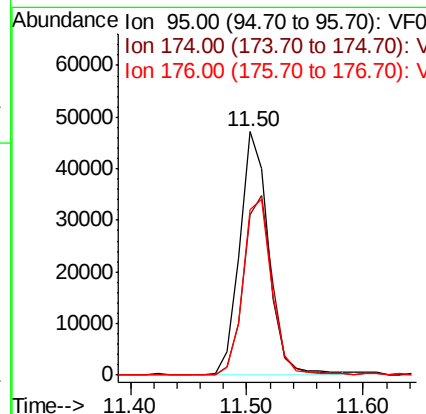
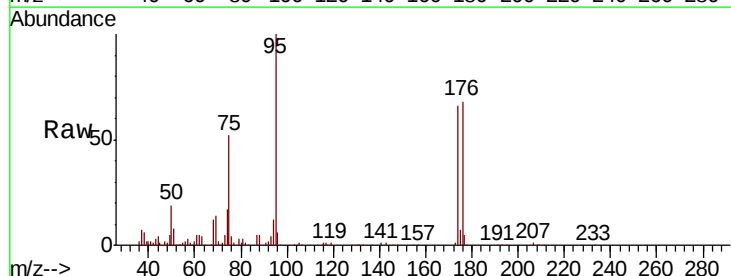
Tgt Ion: 95 Resp: 80875

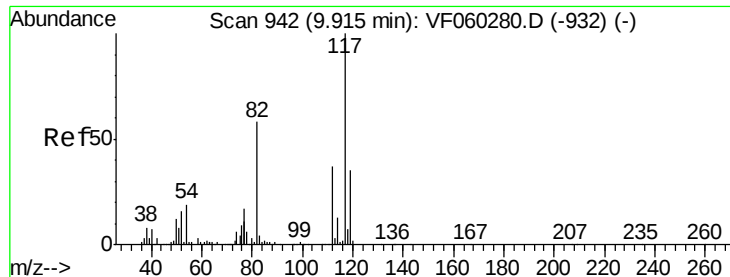
Ion Ratio Lower Upper

95 100

174 65.7 0.0 131.2

176 67.9 0.0 126.6





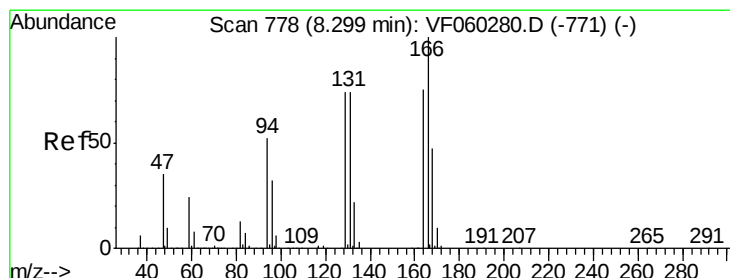
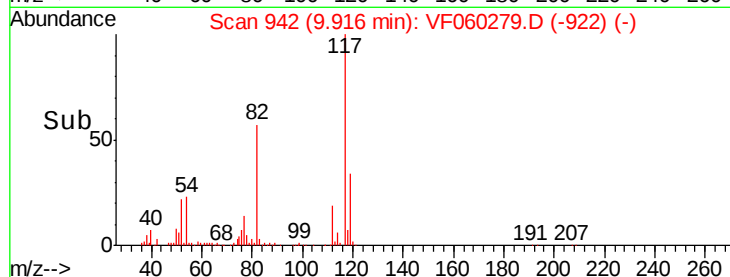
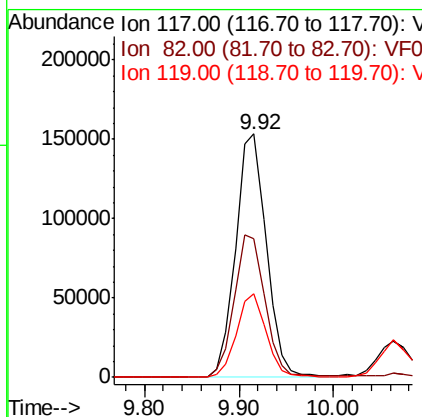
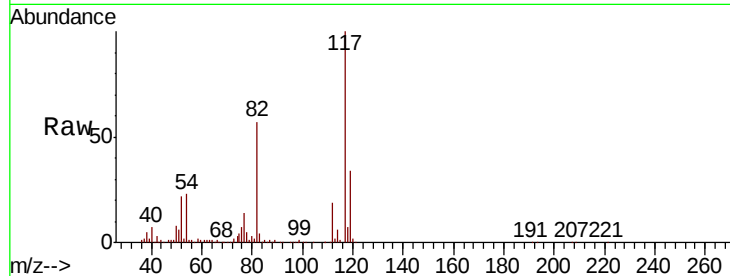
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.2	69.2
119	34.2	27.8	41.6

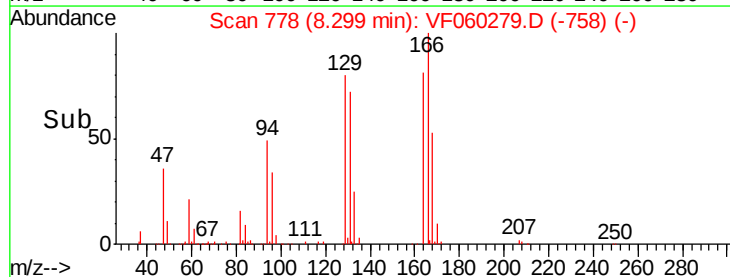
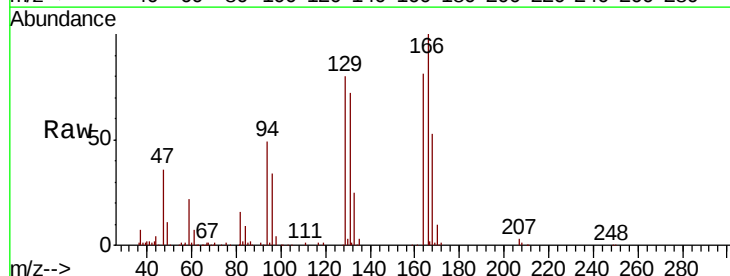
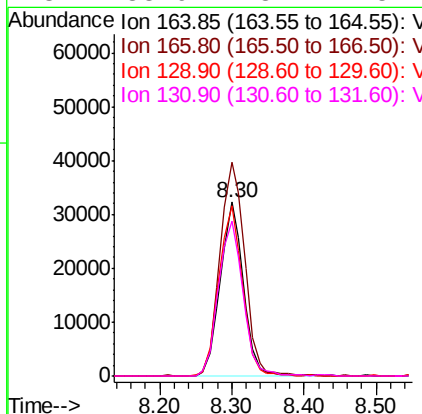
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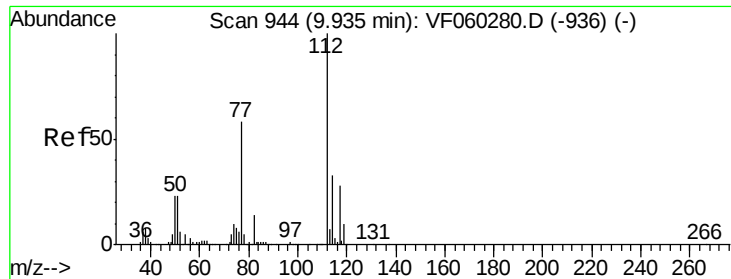
apatel
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#64
Tetrachloroethene
Concen: 22.82 ug/l
RT: 8.30 min Scan# 778
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.1	106.8	160.2
129	97.9	78.8	118.2
131	88.9	78.7	118.1





#65

Chlorobenzene

Concen: 22.02 ug/l

RT: 9.94 min Scan# 944

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 172454

Ion Ratio Lower Upper

112 100

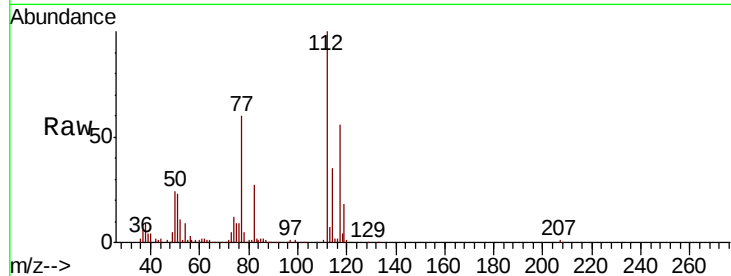
114 34.7 26.6 40.0

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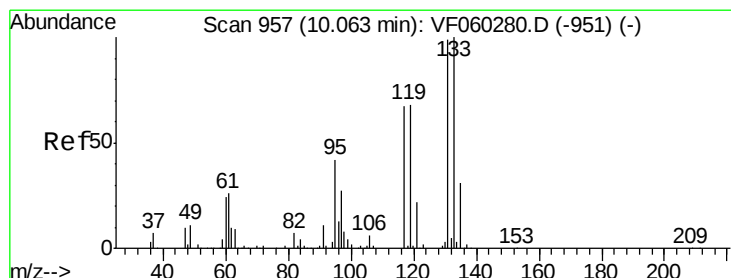
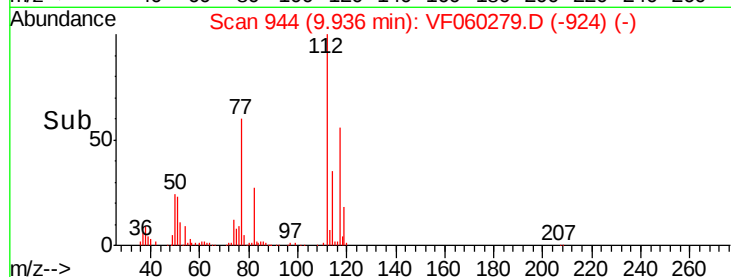
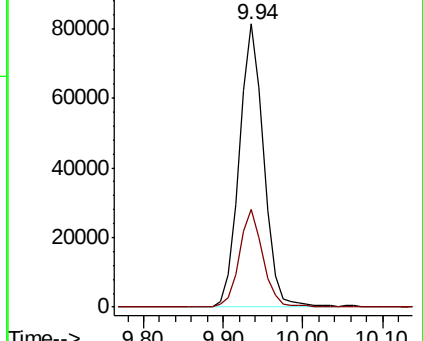
apatel

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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.45 ug/l

RT: 10.06 min Scan# 957

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

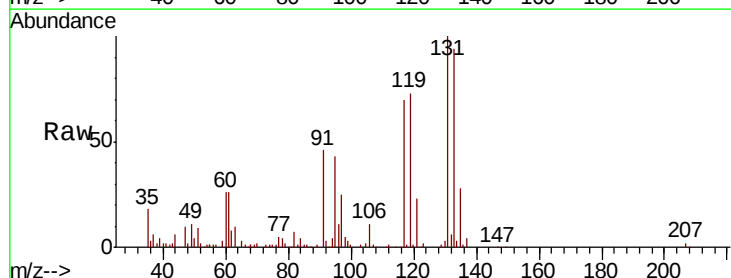
Tgt Ion:131 Resp: 72984

Ion Ratio Lower Upper

131 100

133 94.3 50.4 151.2

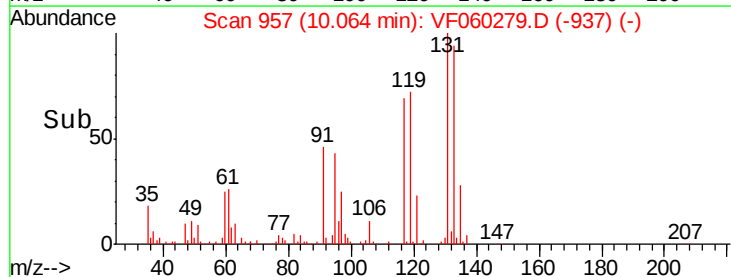
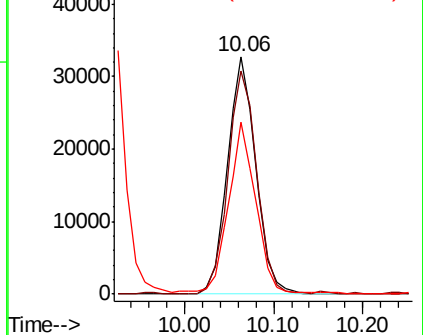
119 72.6 34.8 104.3

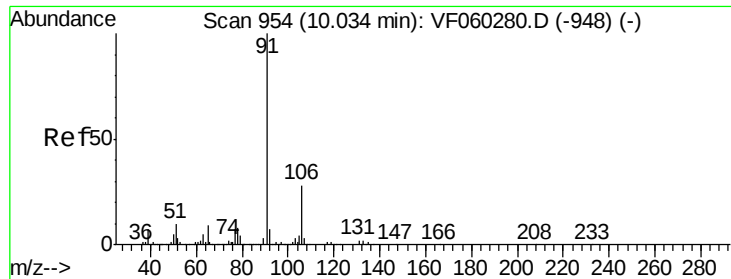


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 22.99 ug/l

RT: 10.03 min Scan# 954

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 332952

Ion Ratio Lower Upper

91 100

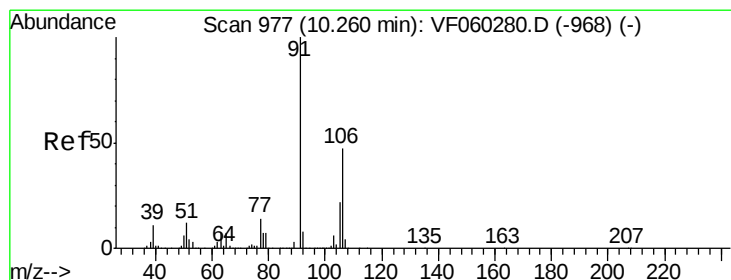
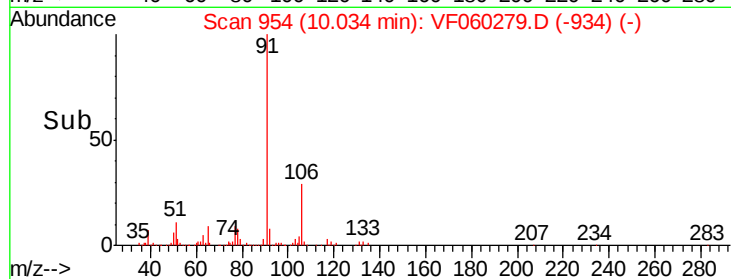
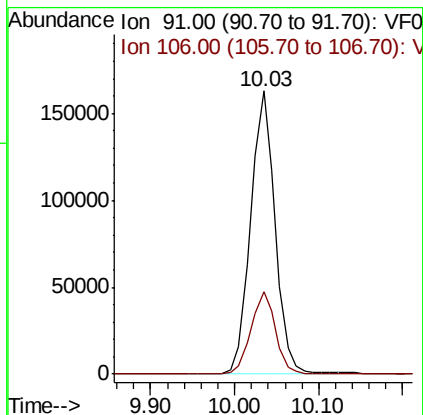
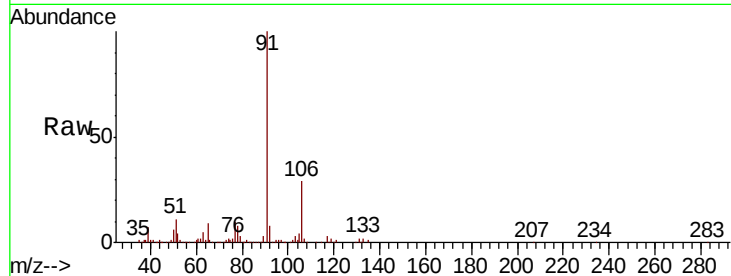
106 29.1 22.7 34.1

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#68

m/p-Xylenes

Concen: 45.95 ug/l

RT: 10.26 min Scan# 977

Delta R.T. 0.00 min

Lab File: VF060279.D

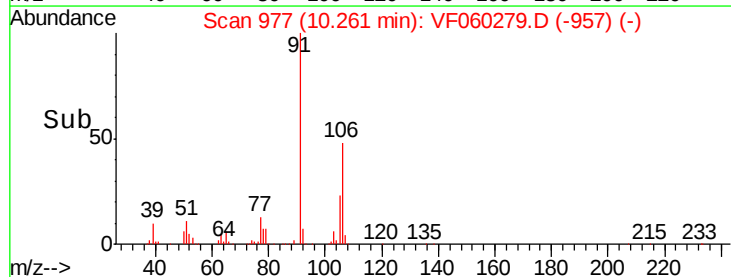
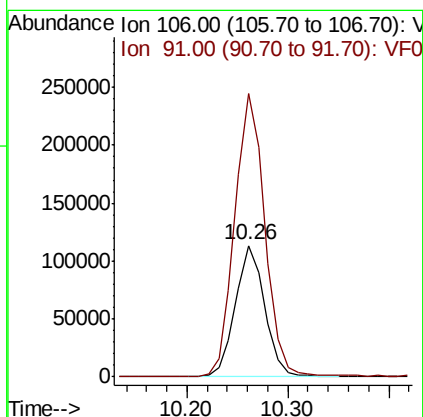
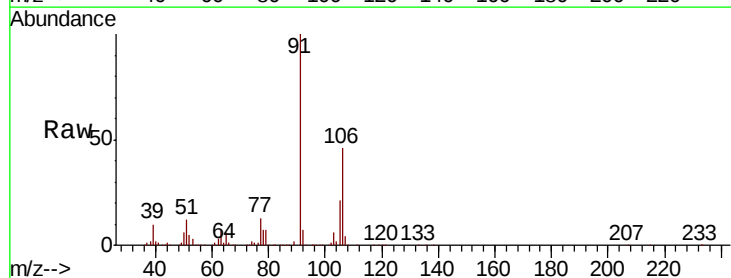
Acq: 19 Sep 2018 13:45

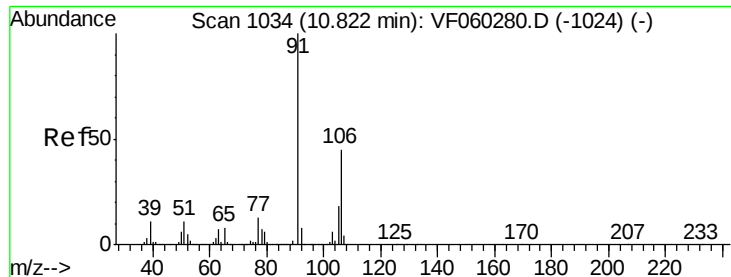
Tgt Ion: 106 Resp: 229922

Ion Ratio Lower Upper

106 100

91 215.6 172.3 258.5





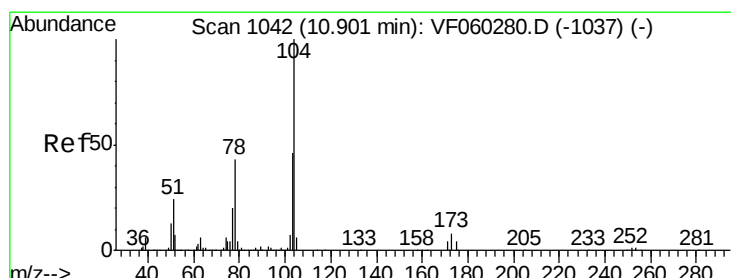
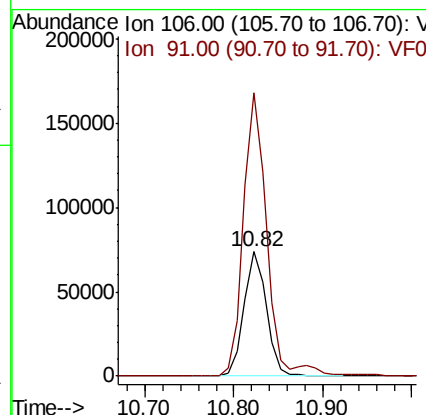
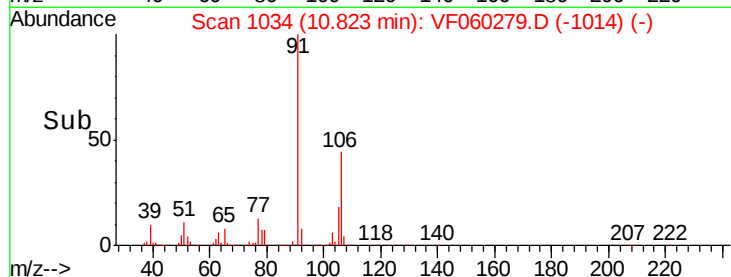
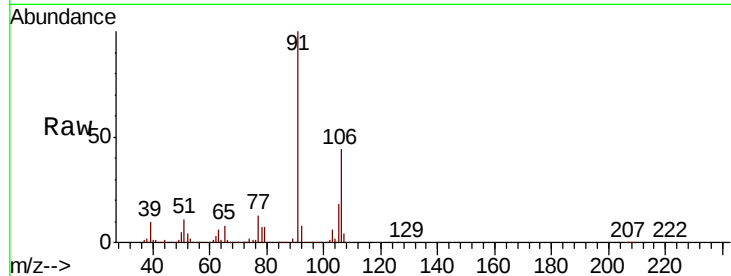
#69
o-Xylene
Concen: 23.22 ug/l
RT: 10.82 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	228.2	110.9	332.6

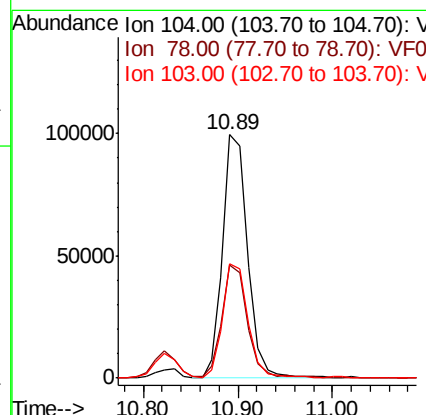
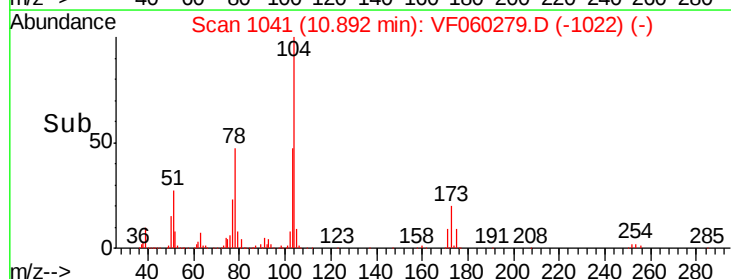
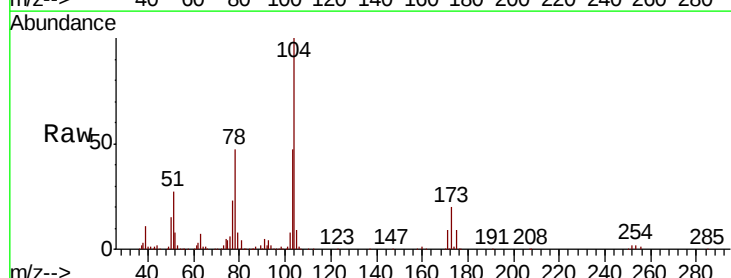
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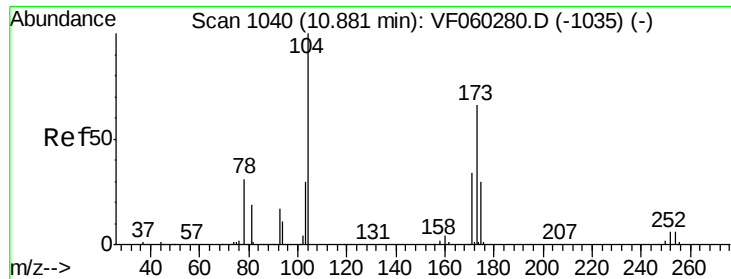
apatel
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#70
Styrene
Concen: 23.01 ug/l
RT: 10.89 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.6	35.0	52.6
103	46.7	37.4	56.0





#71

Bromoform

Concen: 22.69 ug/l

RT: 10.88 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 40509

Ion Ratio Lower Upper

173 100

175 49.4 22.3 66.9

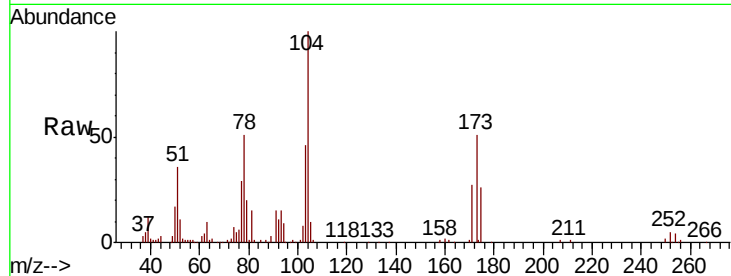
254 0.0 0.0 0.0

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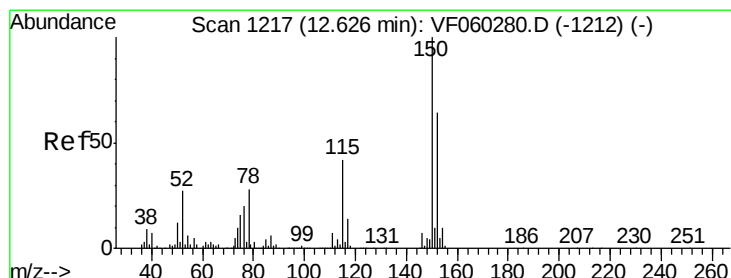
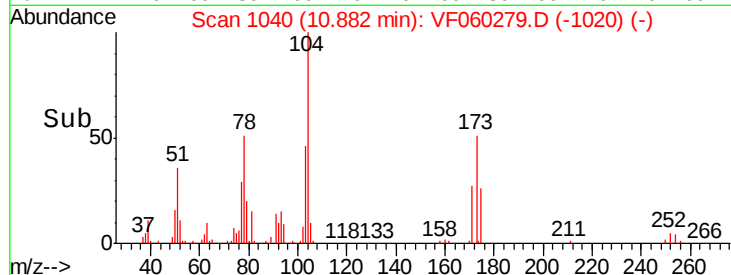
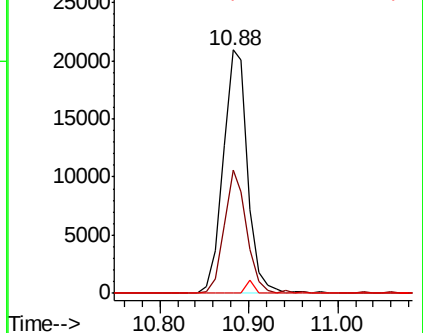
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Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

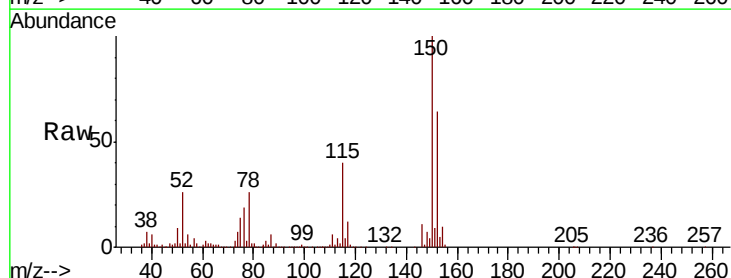
Tgt Ion:152 Resp: 184094

Ion Ratio Lower Upper

152 100

115 62.4 32.6 97.8

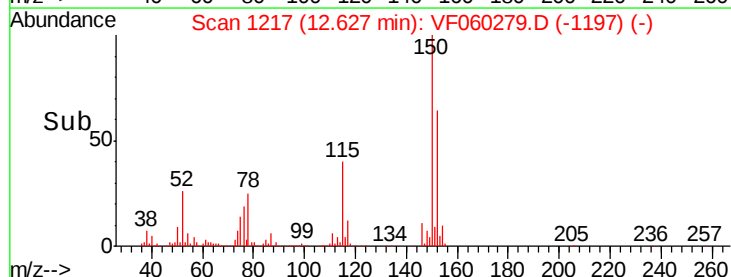
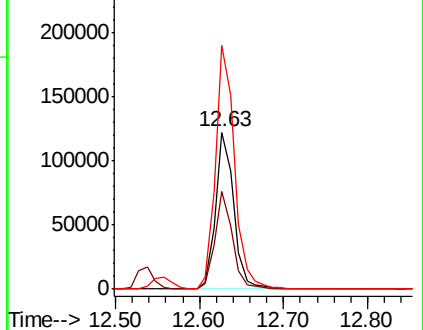
150 155.4 0.0 314.2

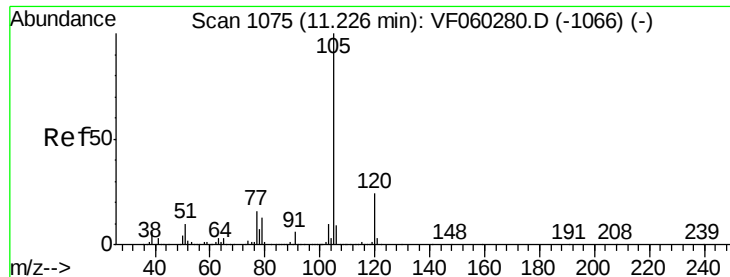


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 23.18 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 383095

Ion Ratio Lower Upper

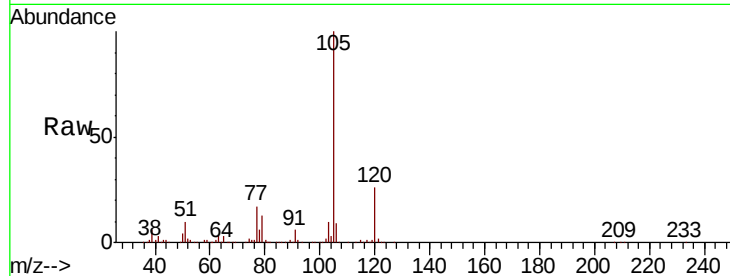
105 100

120 25.8 12.2 36.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.23

250000

200000

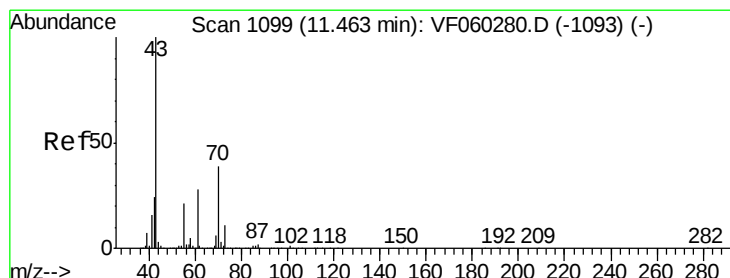
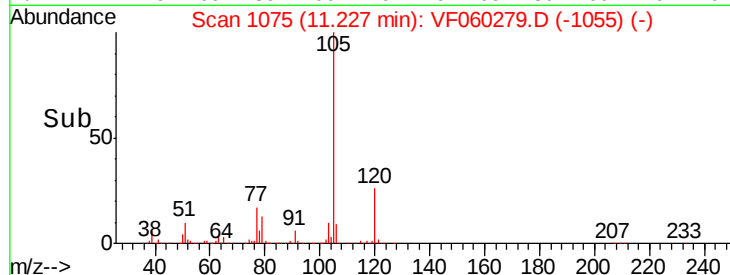
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.11 ug/l

RT: 11.46 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tgt Ion: 43 Resp: 70889

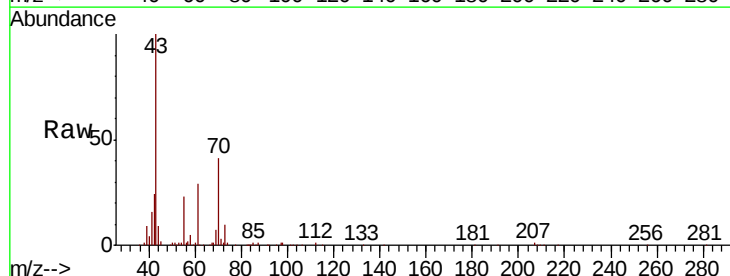
Ion Ratio Lower Upper

43 100

70 41.2 31.4 47.2

55 23.3 16.8 25.2

61 29.4 22.6 34.0



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

60000

50000

40000

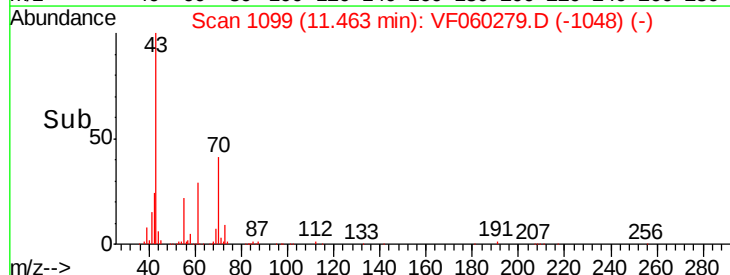
30000

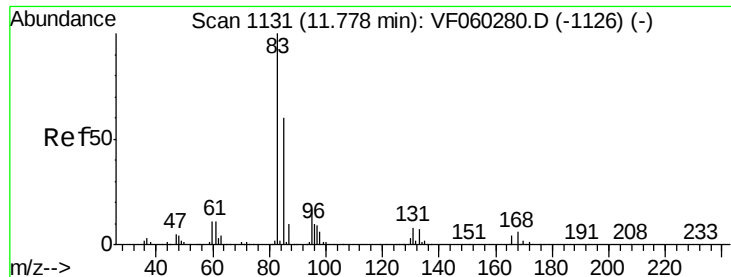
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.36 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

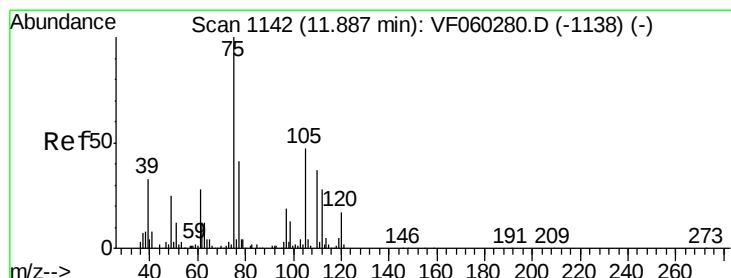
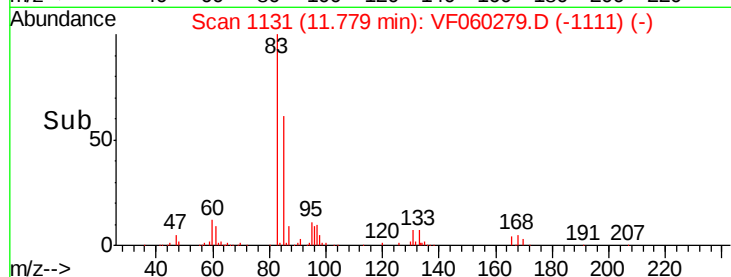
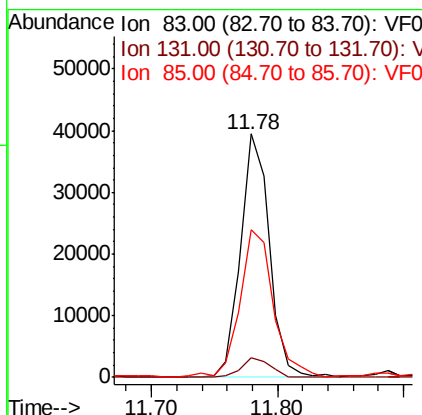
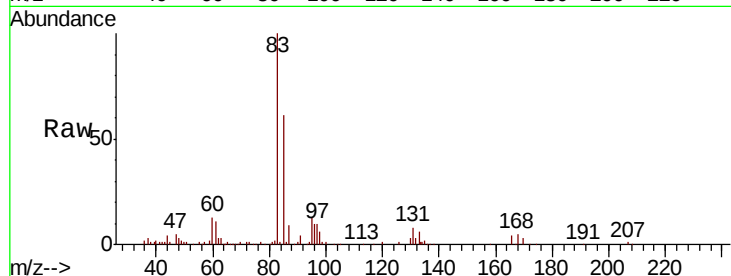
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	62557
Ion Ratio	Lower	Upper	
83	100		
131	8.1	4.2	12.4
85	60.6	30.1	90.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.14 ug/l

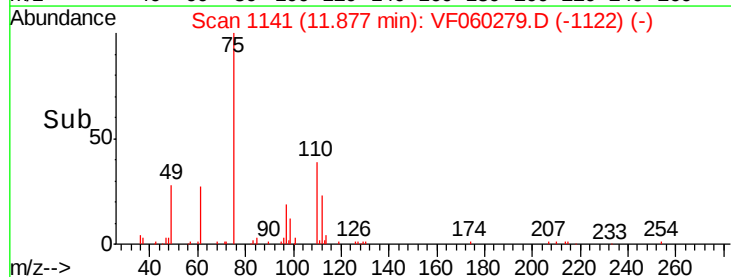
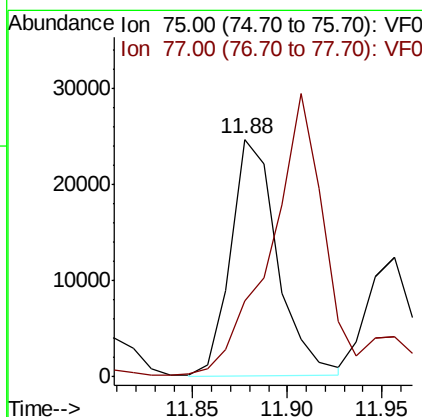
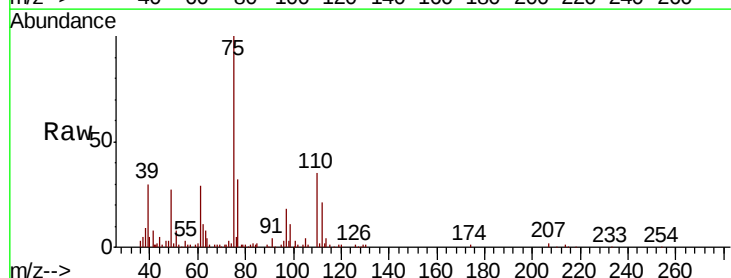
RT: 11.88 min Scan# 1141

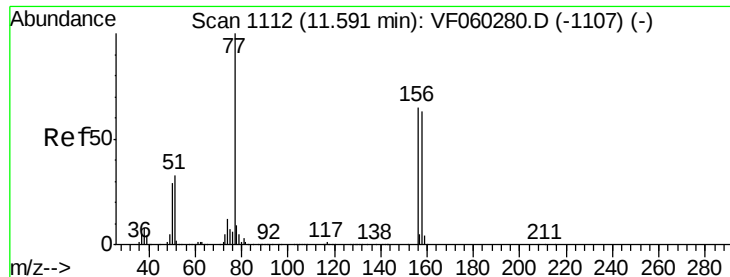
Delta R.T. -0.01 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tgt Ion:	75	Resp:	42231
Ion Ratio	Lower	Upper	
75	100		
77	32.1	20.5	61.5





#77

Bromobenzene

Concen: 21.34 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 76007

Ion Ratio Lower Upper

156 100

77 155.2 77.3 232.1

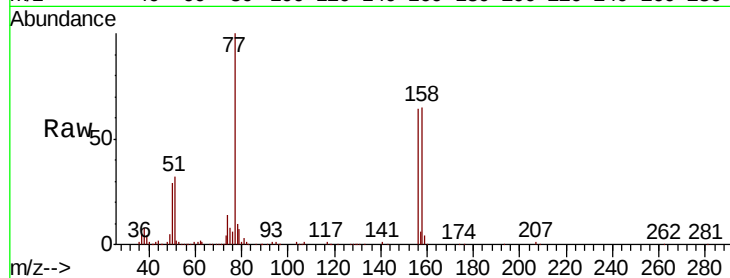
158 100.4 48.4 145.2

Manual Integrations

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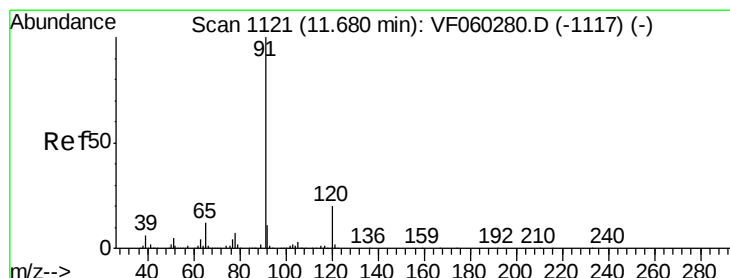
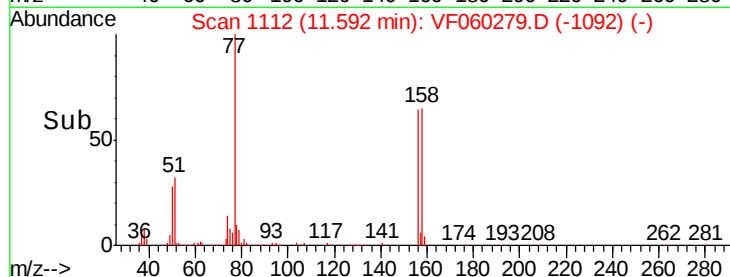
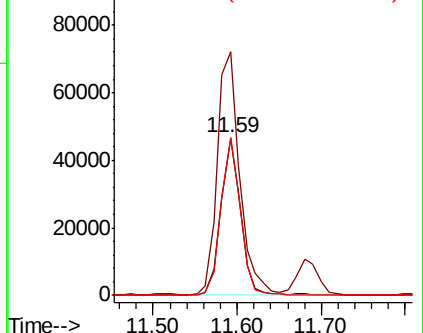
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 22.85 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: VF060279.D

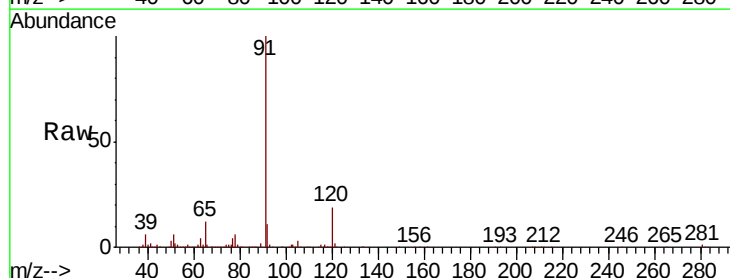
Acq: 19 Sep 2018 13:45

Tgt Ion: 91 Resp: 445783

Ion Ratio Lower Upper

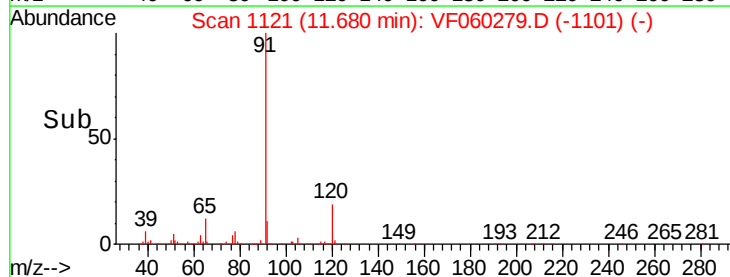
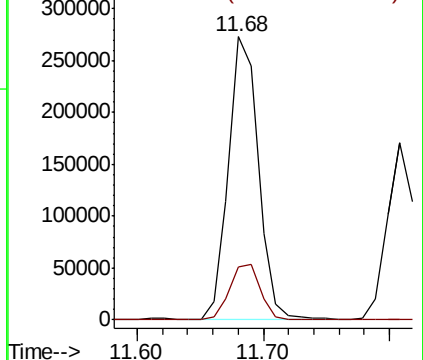
91 100

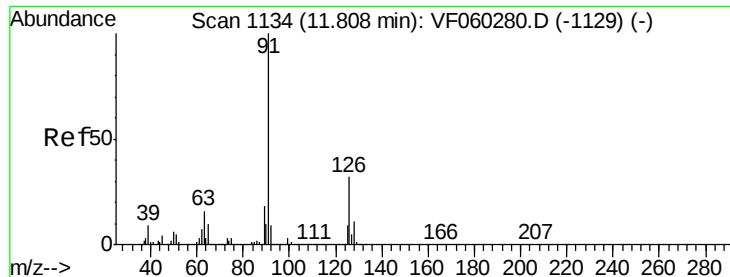
120 18.9 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





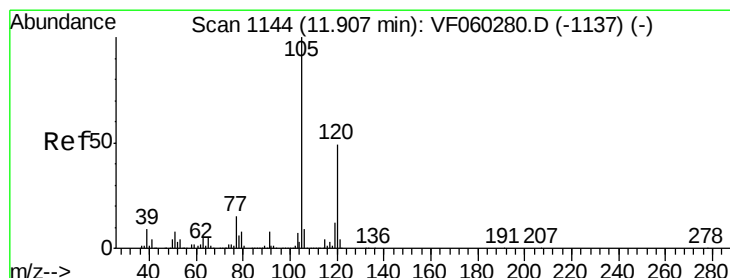
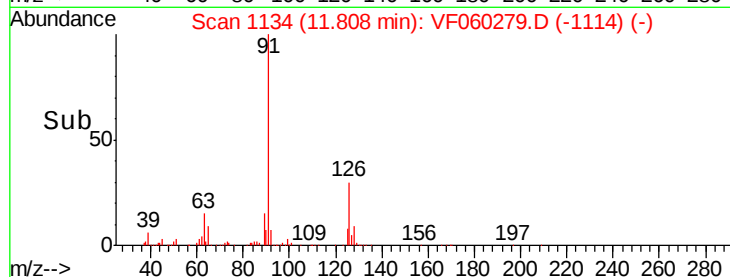
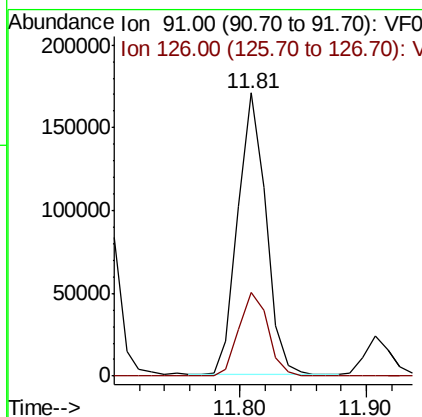
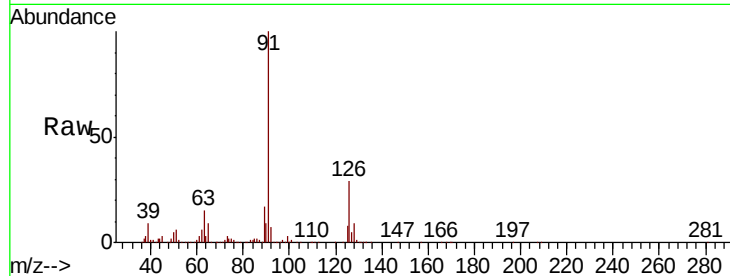
#79
2-Chlorotoluene
Concen: 23.56 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
126	29.5	16.1	48.3

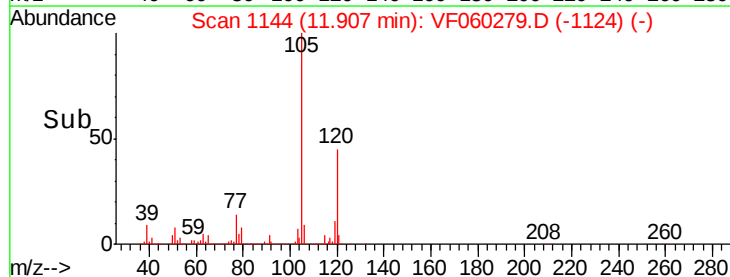
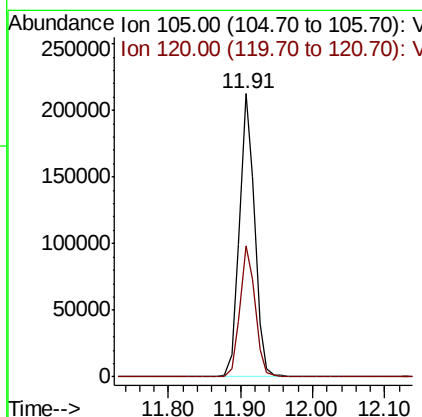
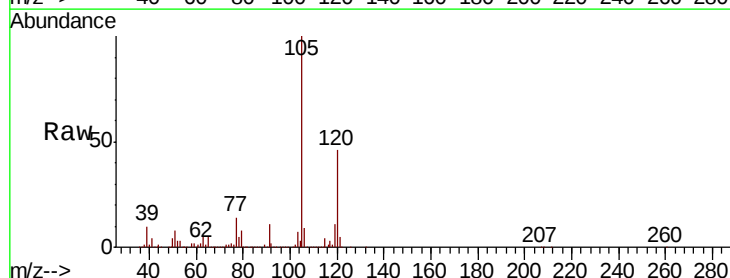
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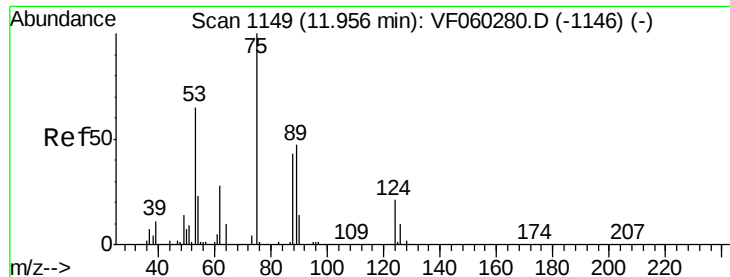
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 23.71 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	24.4	73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.51 ug/l m

RT: 11.96 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

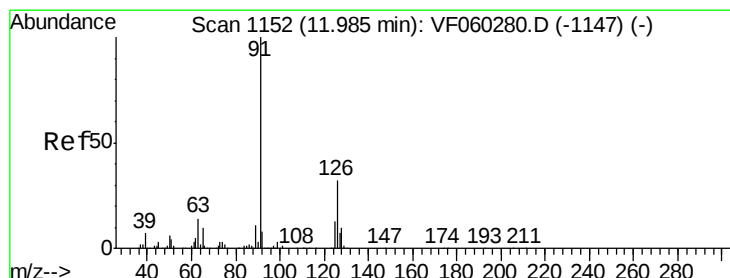
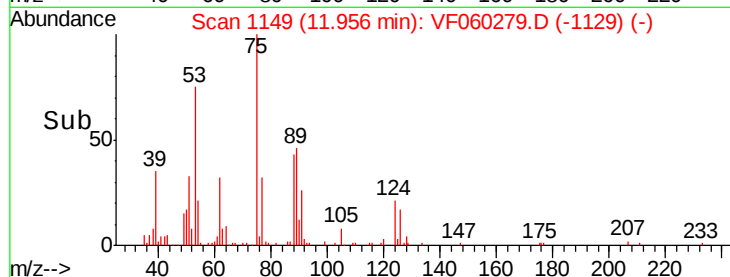
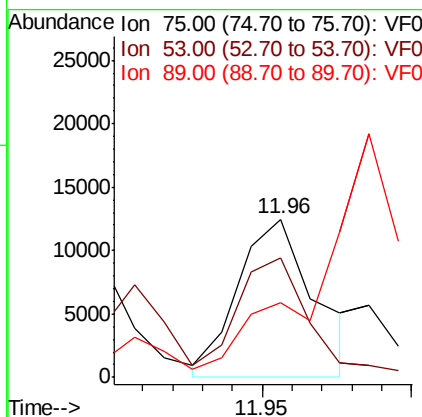
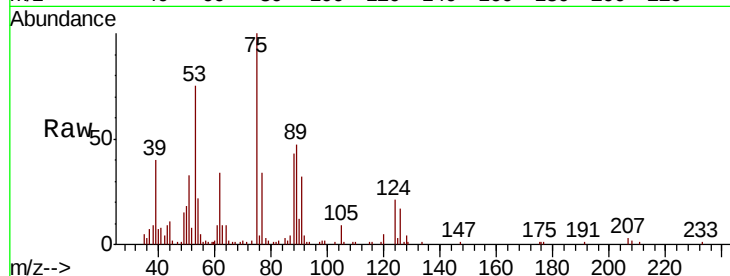
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	22310
Ion	Ratio	Lower	Upper
75	100		
53	75.5	56.5	84.7
89	47.0	40.6	60.8

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#82

4-Chlorotoluene

Concen: 22.21 ug/l

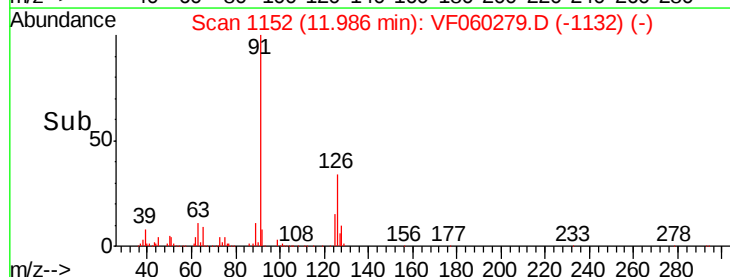
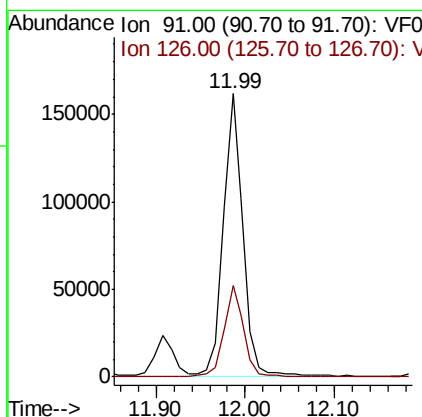
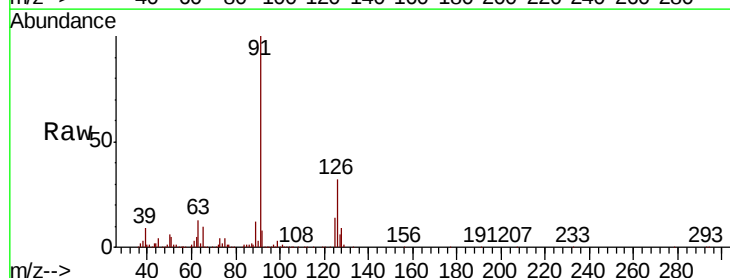
RT: 11.99 min Scan# 1152

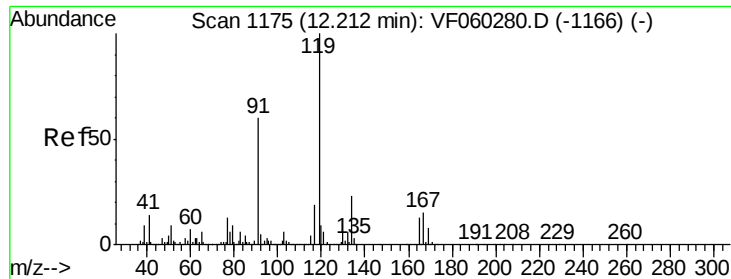
Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Tgt Ion:	91	Resp:	248899
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.2





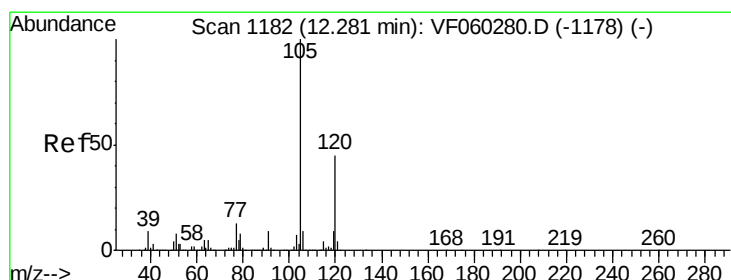
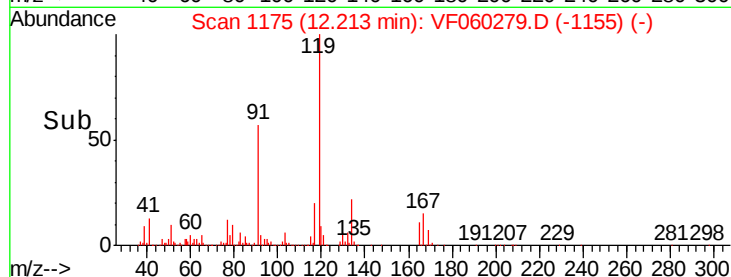
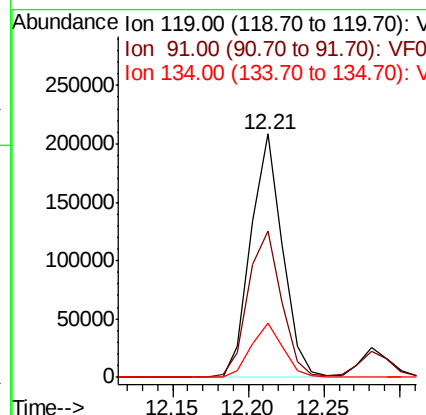
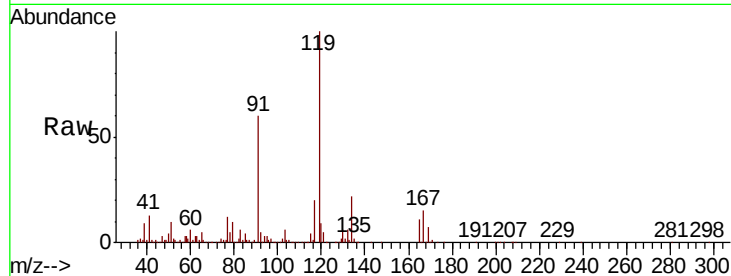
#83
 tert-Butylbenzene
 Concen: 22.69 ug/l
 RT: 12.21 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	305961		
91	60.1	30.3	91.0	
134	22.1	11.6	34.8	

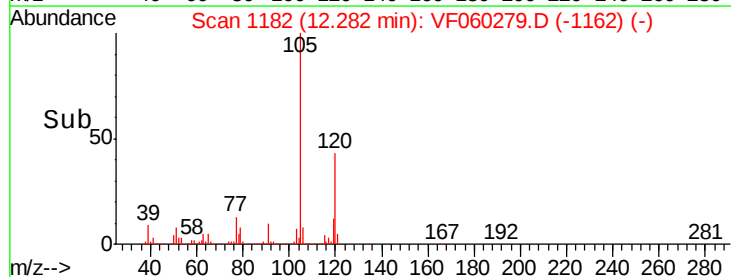
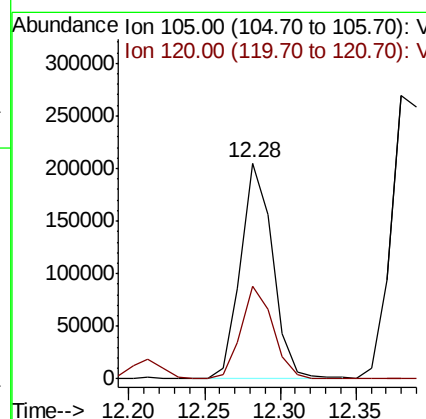
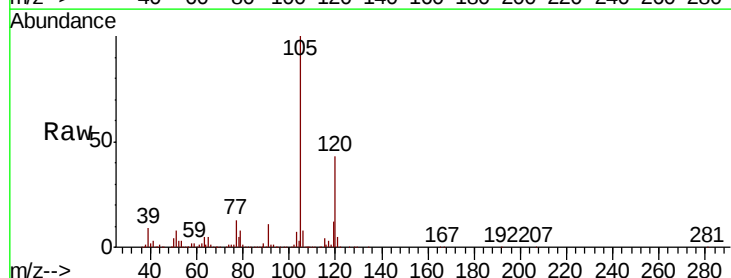
Manual Integrations
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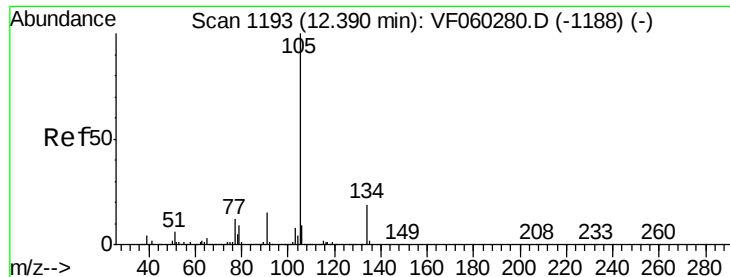
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.43 ug/l
 RT: 12.28 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302951		
120	42.9	22.4	67.0	





#85

sec-Butylbenzene

Concen: 23.34 ug/l

RT: 12.38 min Scan# 1192

Delta R.T. -0.01 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 435744

Ion Ratio Lower Upper

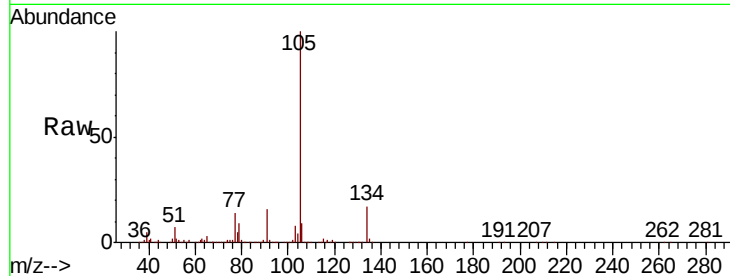
105 100

134 17.0 9.6 28.6

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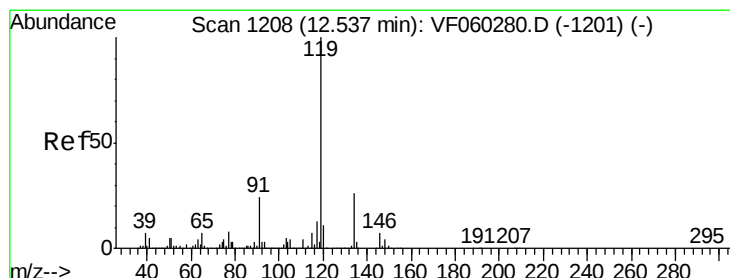
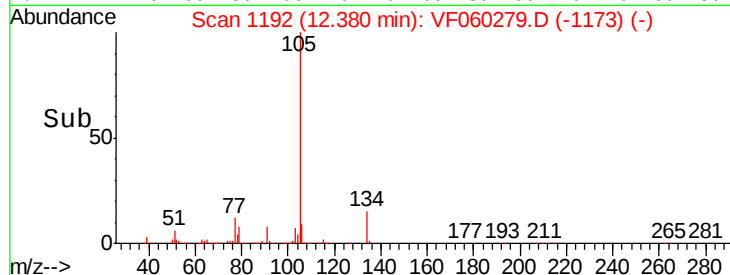
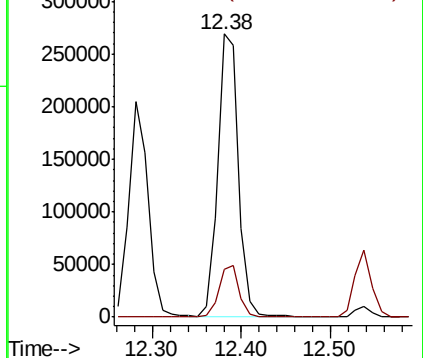
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.45 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF060279.D

Acq: 19 Sep 2018 13:45

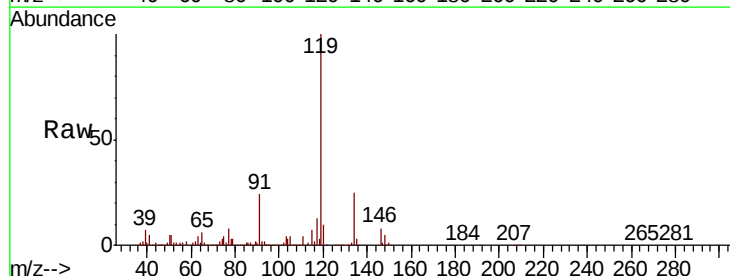
Tgt Ion:119 Resp: 346453

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.7

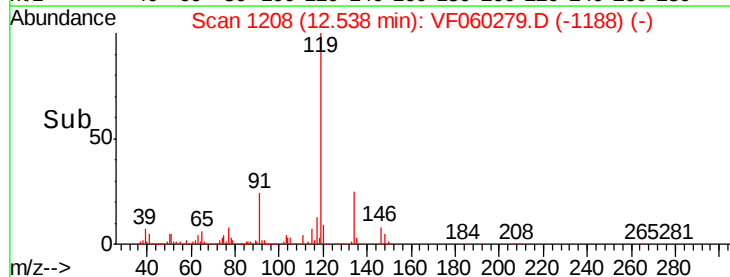
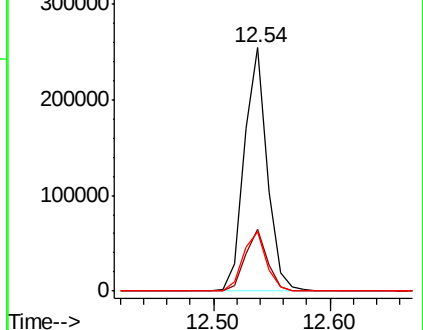
91 24.4 11.9 35.7

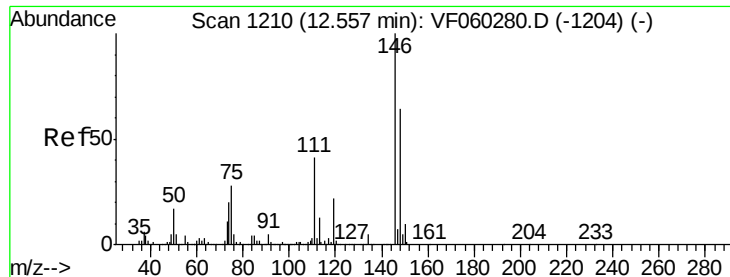


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





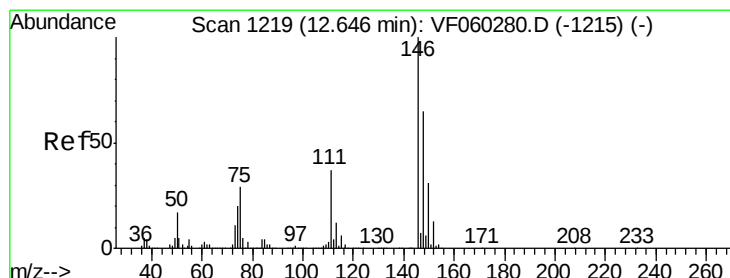
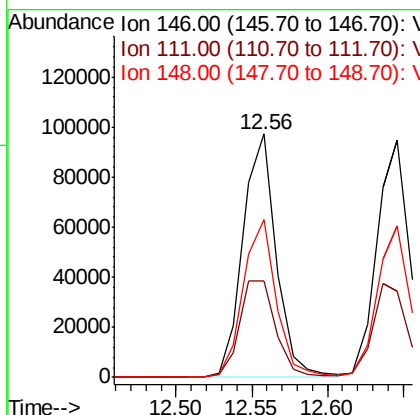
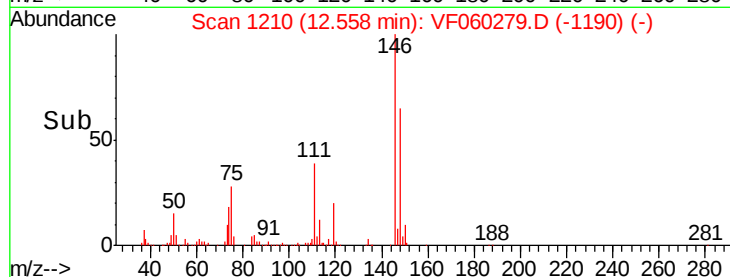
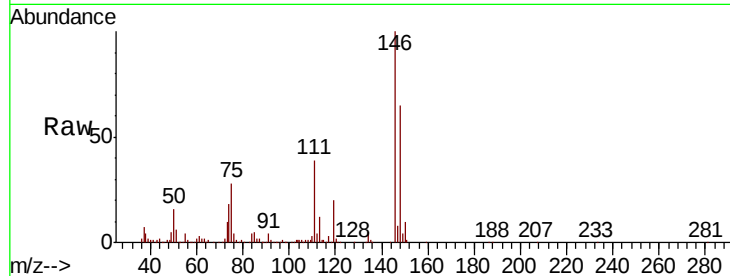
#87
 1,3-Dichlorobenzene
 Concen: 22.47 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.5	61.6
148	64.7	32.2	96.6

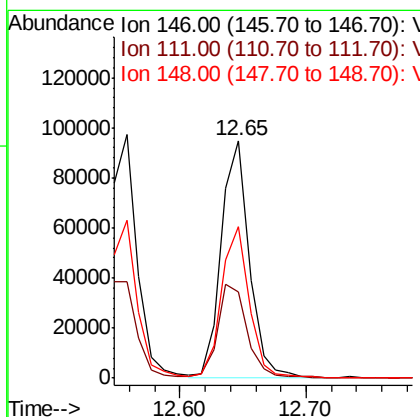
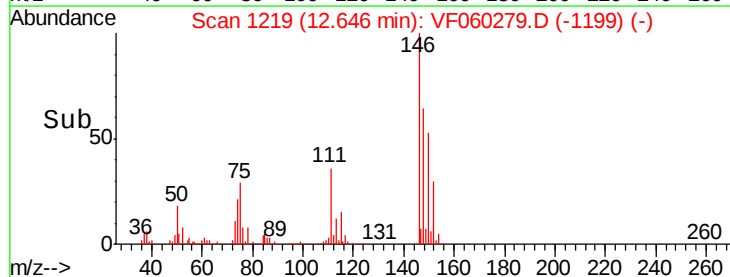
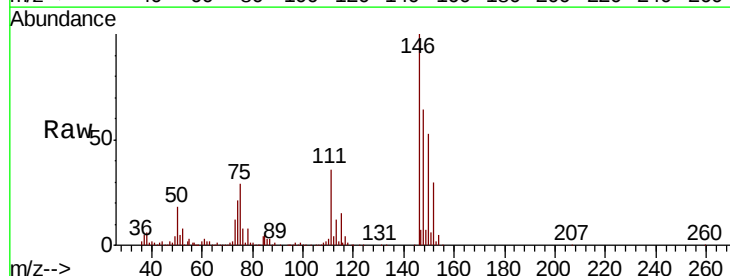
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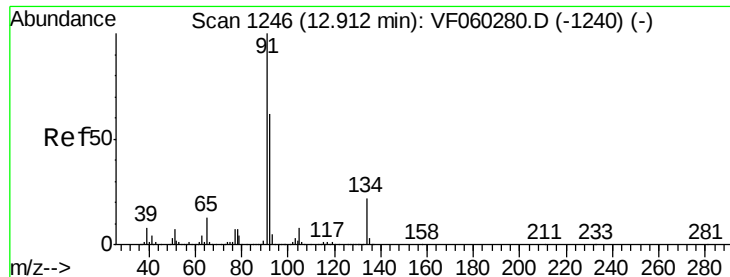
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#88
 1,4-Dichlorobenzene
 Concen: 22.27 ug/l
 RT: 12.65 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.7	56.1
148	63.7	32.4	97.0





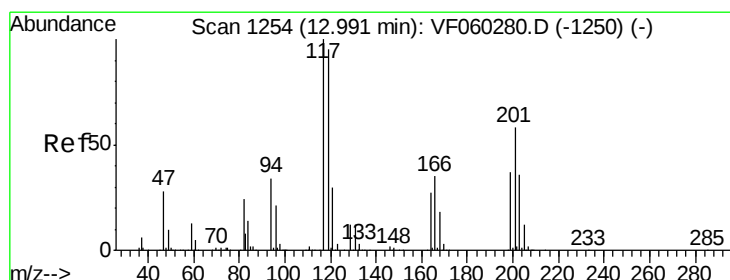
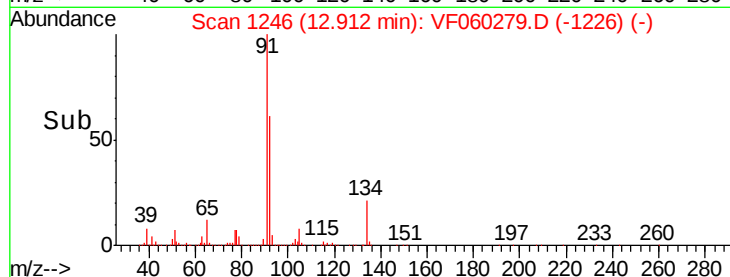
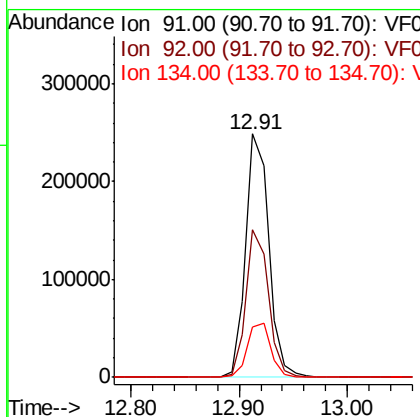
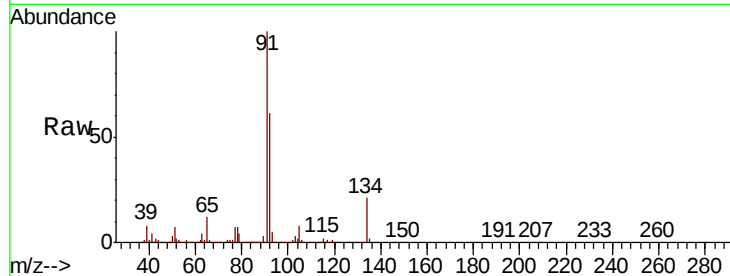
#89
n-Butylbenzene
Concen: 23.70 ug/l
RT: 12.91 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.8	31.1	93.5
134	20.8	11.0	33.0

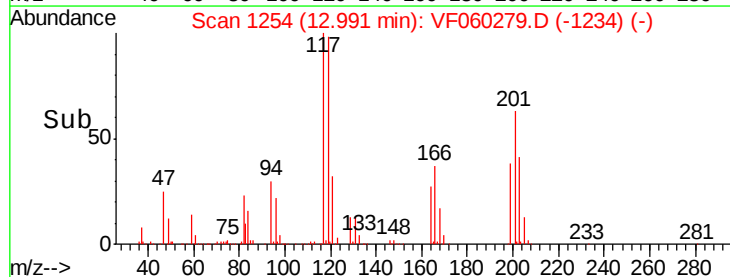
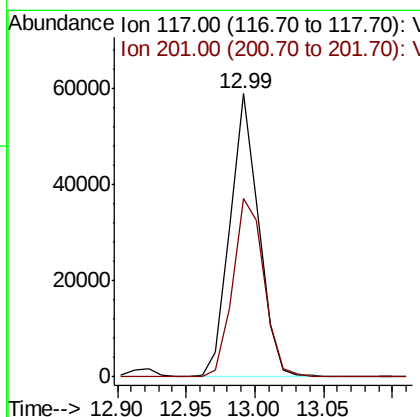
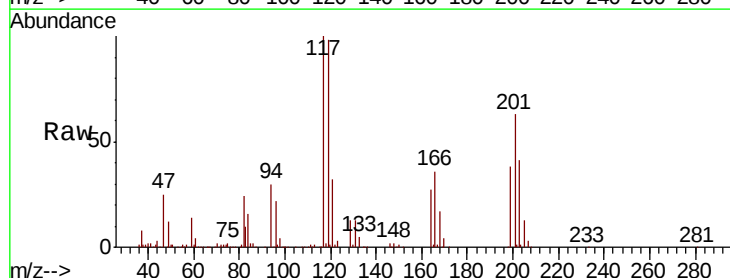
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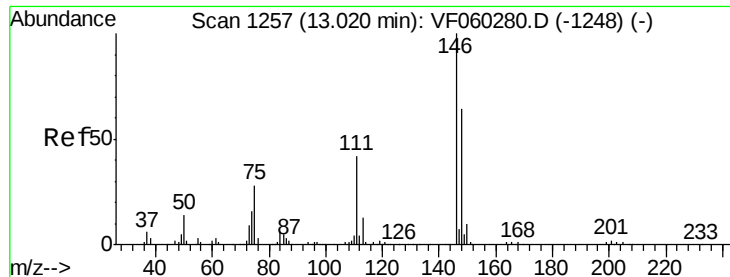
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#90
Hexachloroethane
Concen: 22.64 ug/l
RT: 12.99 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.0	29.0	87.0





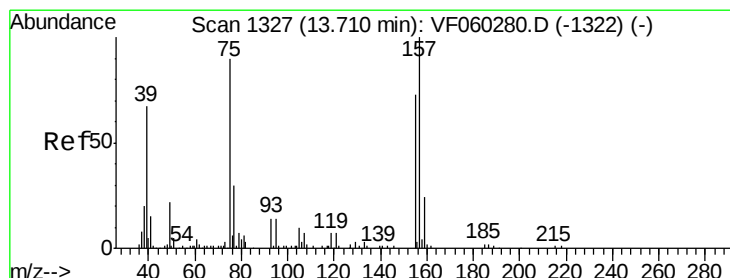
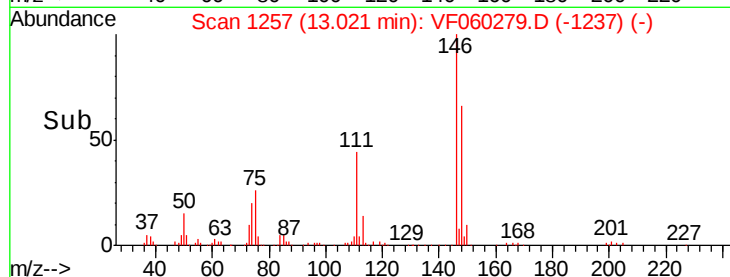
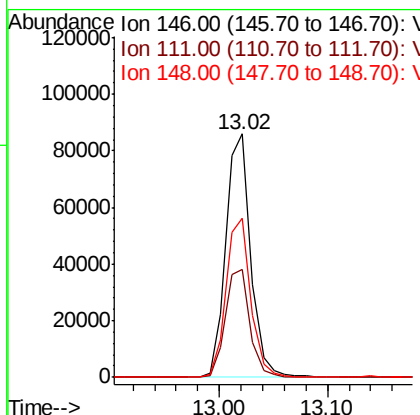
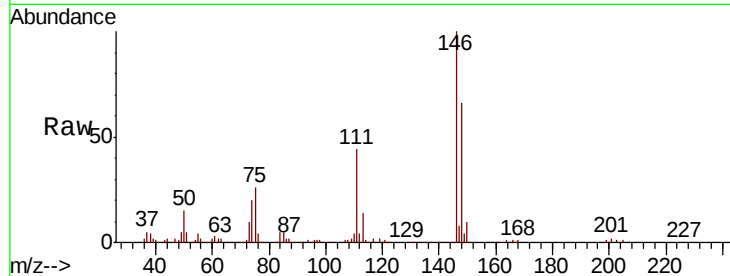
#91
 1,2-Dichlorobenzene
 Concen: 21.72 ug/l
 RT: 13.02 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	20.9	62.8
148	65.6	31.9	95.9

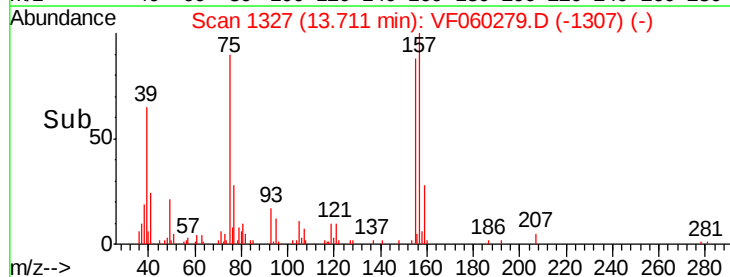
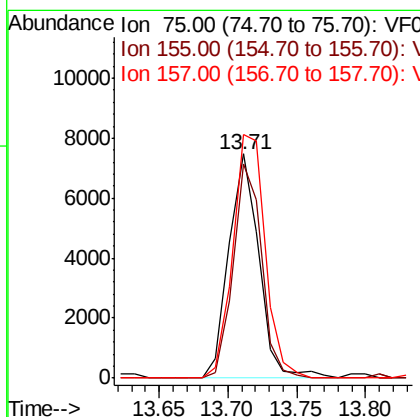
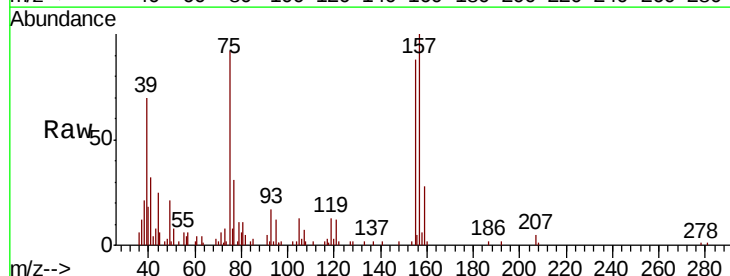
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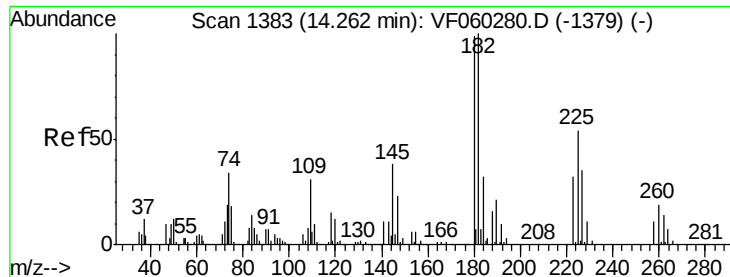
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.71 ug/l
 RT: 13.71 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	41.9	125.7
157	108.7	57.4	172.0





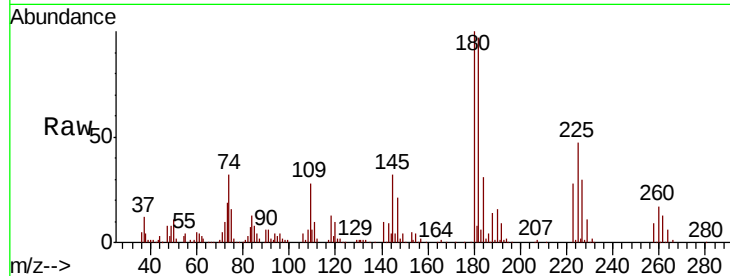
#93
 1,2,4-Trichlorobenzene
 Concen: 21.71 ug/l
 RT: 14.26 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	100195		
182	96.9	50.3	151.0	
145	32.2	18.9	56.9	

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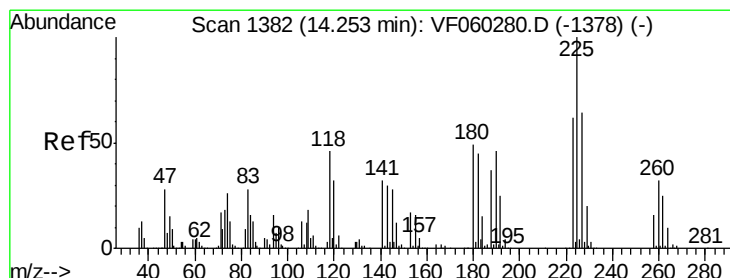
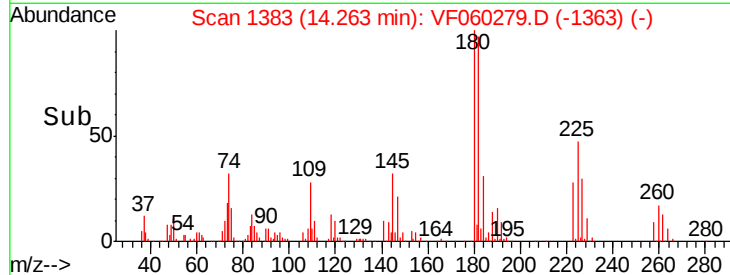
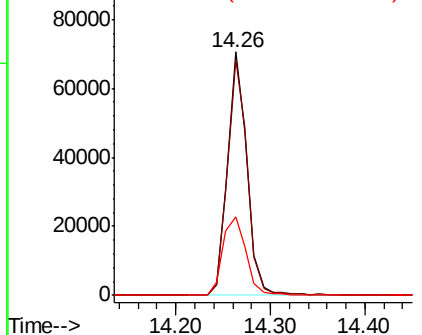


Abundance

Ion 180.00 (179.70 to 180.70): V

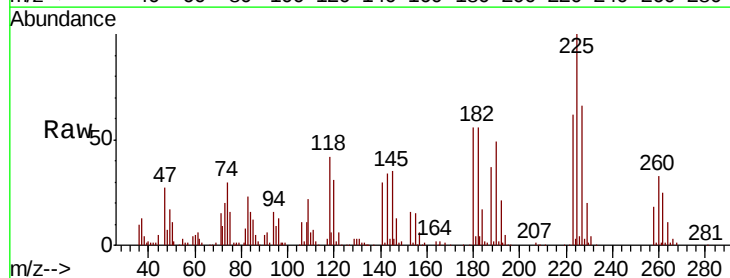
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 23.37 ug/l
 RT: 14.25 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VF060279.D
 Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72912		
223	62.0	31.2	93.6	
227	66.3	32.2	96.6	

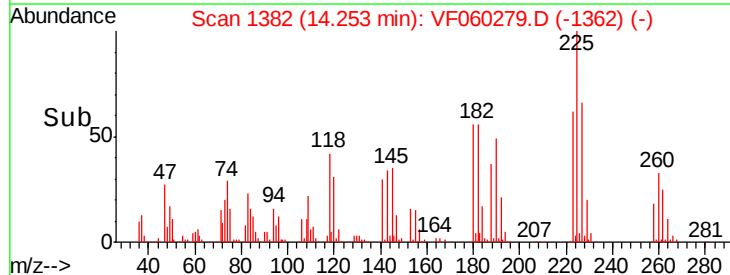
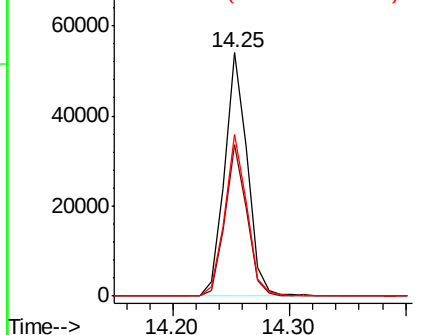


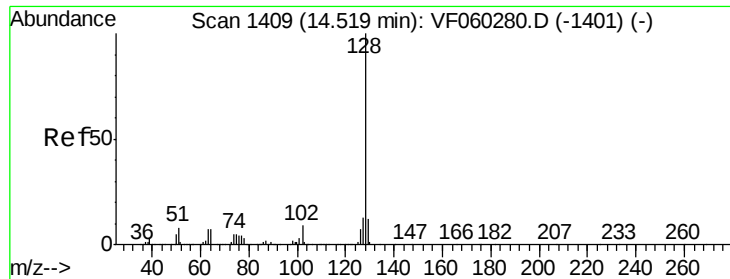
Abundance

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





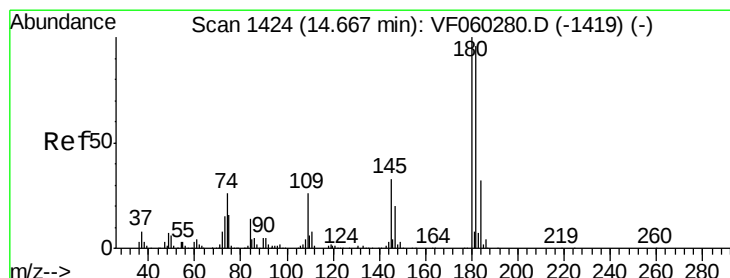
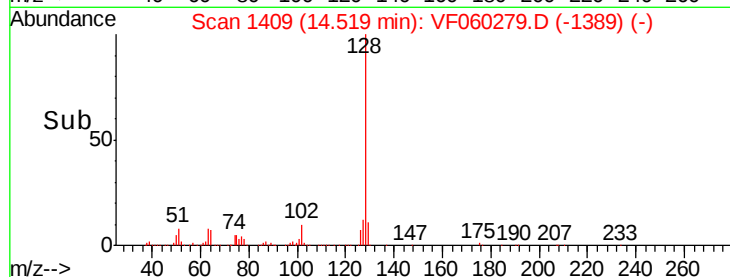
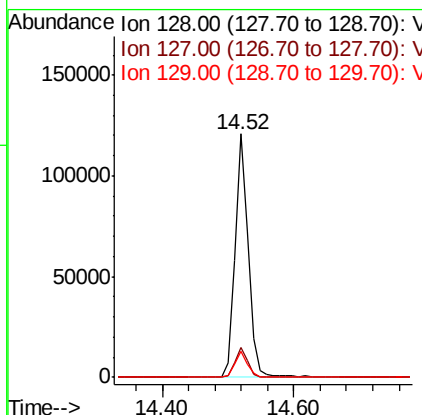
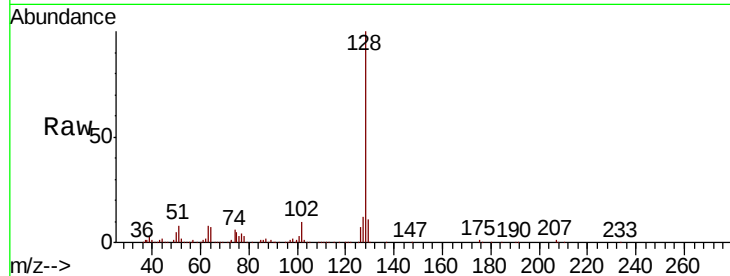
#95
Naphthalene
Concen: 21.22 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.7	9.8	14.8

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#96
1,2,3-Trichlorobenzene
Concen: 22.46 ug/l
RT: 14.67 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VF060279.D
Acq: 19 Sep 2018 13:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.0	47.8	143.4
145	33.3	16.4	49.1

