

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081718\
 Data File : VF059981.D
 Acq On : 17 Aug 2018 18:59
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Manual Integrations
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 8/20/2018 11:48:30 AM

Quant Time: Aug 18 00:03:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 17 23:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	124877	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	178778	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	183167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	126425	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	170091	69.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.90%	
35) Dibromofluoromethane	4.29	113	128022	70.37	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	140.74%	
50) Toluene-d8	7.72	98	287591	71.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.60%	
62) 4-Bromofluorobenzene	11.52	95	168213	67.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.94	85	145265	68.69	ug/l	98
3) Chloromethane	1.06	50	74126	68.06	ug/l	91
4) Vinyl Chloride	1.10	62	85220	68.18	ug/l	92
5) Bromomethane	1.30	94	79477	64.98	ug/l	97
6) Chloroethane	1.38	64	45688	69.95	ug/l	92
7) Trichlorofluoromethane	1.47	101	240401	71.14	ug/l	100
8) Diethyl Ether	1.69	74	37857	70.11	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.85	101	113785	67.09	ug/l	99
10) Methyl Iodide	1.92	142	141673	65.55	ug/l	96
11) Tert butyl alcohol	2.68	59	48633	324.63	ug/l	96
12) 1,1-Dichloroethene	1.81	96	79449	67.65	ug/l	84
13) Acrolein	2.08	56	35815	452.54	ug/l	96
14) Allyl chloride	2.18	41	125278	62.84	ug/l	94
15) Acrylonitrile	3.06	53	87695	352.34	ug/l	99
16) Acetone	2.33	43	237969	304.22	ug/l	99
17) Carbon Disulfide	1.83	76	241289	64.52	ug/l	99
18) Methyl Acetate	2.44	43	84686	54.51	ug/l #	92
19) Methyl tert-butyl Ether	2.53	73	269453	67.93	ug/l	99
20) Methylene Chloride	2.27	84	93184	56.50	ug/l	95
21) trans-1,2-Dichloroethene	2.40	96	84180	67.23	ug/l	98
22) Diisopropyl ether	2.92	45	309583	71.93	ug/l	98
23) Vinyl Acetate	3.32	43	664675	376.97	ug/l	97
24) 1,1-Dichloroethane	2.99	63	202020	71.32	ug/l	99
25) 2-Butanone	4.50	43	197607	322.92	ug/l	96
26) 2,2-Dichloropropane	3.75	77	179740	72.71	ug/l	96
27) cis-1,2-Dichloroethene	3.63	96	82768	72.47	ug/l	99
28) Bromochloromethane	3.88	49	51631	63.90	ug/l	93
29) Tetrahydrofuran	4.25	42	72092	329.86	ug/l	98
30) Chloroform	4.03	83	223710	69.29	ug/l	93
31) Cyclohexane	3.85	56	84675	66.52	ug/l #	96
32) 1,1,1-Trichloroethane	4.27	97	212239	67.48	ug/l	99
36) 1,1-Dichloropropene	4.45	75	133269	66.06	ug/l	96
37) Ethyl Acetate	4.29	43	81305	68.34	ug/l	85
38) Carbon Tetrachloride	4.17	117	196535	67.81	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	102772	67.26	ug/l	98
40) Benzene	4.81	78	238414	69.46	ug/l	98
41) Methacrylonitrile	4.92	41	35987	63.84	ug/l #	95
42) 1,2-Dichloroethane	5.11	62	201037	67.62	ug/l	99
43) Isopropyl Acetate	7.11	43	87842	67.75	ug/l	95
44) Trichloroethene	5.68	130	93424	69.71	ug/l	96
45) 1,2-Dichloropropane	6.41	63	67171	68.61	ug/l	95
46) Dibromomethane	6.26	93	68266	68.75	ug/l	95
47) Bromodichloromethane	6.55	83	188872	72.03	ug/l	99
48) Methyl methacrylate	6.88	41	68907	71.30	ug/l	95
49) 1,4-Dioxane	6.87	88	11654	1506.26	ug/l #	69
51) 4-Methyl-2-Pentanone	8.41	43	390763	322.73	ug/l	98
52) Toluene	7.79	92	169845	65.70	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	149658	67.22	ug/l	97
54) cis-1,3-Dichloropropene	7.46	75	155738	72.56	ug/l	94
55) 1,1,2-Trichloroethane	8.64	97	73775	69.61	ug/l	96
56) Ethyl methacrylate	8.77	69	88751	71.86	ug/l	96
57) 1,3-Dichloropropane	9.01	76	128542	68.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.79	63	38938	383.55	ug/l	100
59) 2-Hexanone	9.64	43	320079	318.16	ug/l	96
60) Dibromochloromethane	8.87	129	134190	69.94	ug/l	99
61) 1,2-Dibromoethane	9.15	107	89364	66.83	ug/l	94
64) Tetrachloroethene	8.31	164	90836	66.07	ug/l	95
65) Chlorobenzene	9.95	112	244602	68.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.08	131	114579	69.76	ug/l	96
67) Ethyl Benzene	10.05	91	453189	70.64	ug/l	100
68) m/p-Xylenes	10.28	106	305291	136.74	ug/l	89
69) o-Xylene	10.84	106	166996	72.73	ug/l	91
70) Styrene	10.91	104	267380	73.12	ug/l	99
71) Bromoform	10.90	173	88899	71.89	ug/l #	98
73) Isopropylbenzene	11.24	105	526367	69.62	ug/l	100
74) N-amyl acetate	11.47	43	160662	71.85	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.80	83	102427	66.42	ug/l	99
76) 1,2,3-Trichloropropane	11.90	75	90943	65.97	ug/l	94
77) Bromobenzene	11.60	156	141886	66.52	ug/l	98
78) n-propylbenzene	11.70	91	638786	68.04	ug/l	99
79) 2-Chlorotoluene	11.82	91	391671	68.12	ug/l	100
80) 1,3,5-Trimethylbenzene	11.93	105	474285	69.30	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.96	75	38871m	54.69	ug/l	
82) 4-Chlorotoluene	11.99	91	428686	68.47	ug/l	96
83) tert-Butylbenzene	12.22	119	460272	68.04	ug/l	99
84) 1,2,4-Trimethylbenzene	12.30	105	494223	68.76	ug/l	100
85) sec-Butylbenzene	12.40	105	595797	67.31	ug/l	100
86) p-Isopropyltoluene	12.55	119	550556	70.36	ug/l	99
87) 1,3-Dichlorobenzene	12.57	146	271162	67.25	ug/l	99
88) 1,4-Dichlorobenzene	12.65	146	270579	68.53	ug/l	99
89) n-Butylbenzene	12.93	91	512614	67.77	ug/l	99
90) Hexachloroethane	13.00	117	124456	70.69	ug/l	98
91) 1,2-Dichlorobenzene	13.03	146	260392	67.11	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.72	75	30987	71.28	ug/l	92

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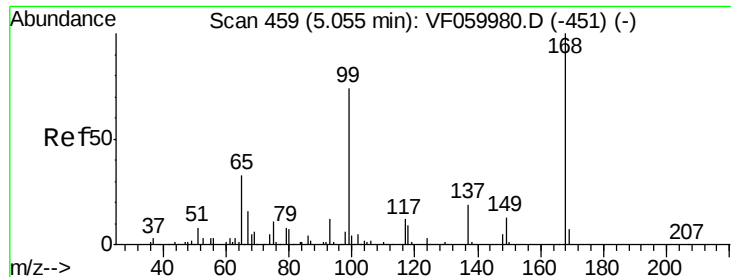
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	218333	69.35	ug/l	99
94) Hexachlorobutadiene	14.26	225	141682	68.15	ug/l	96
95) Naphthalene	14.53	128	345355	75.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.68	180	211191	69.44	ug/l	99

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



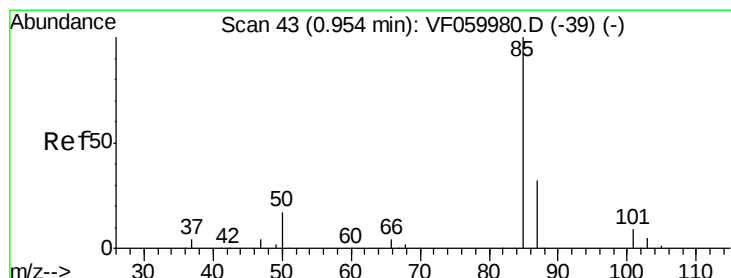
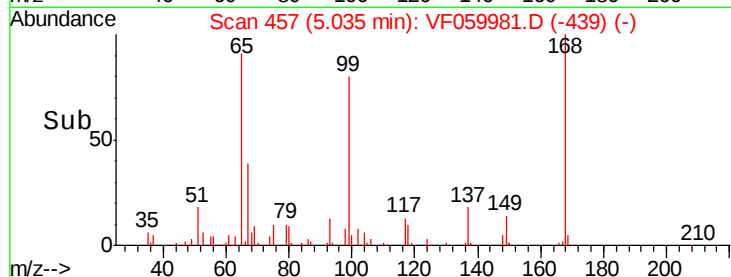
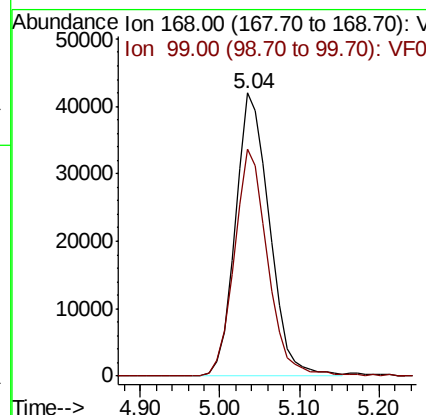
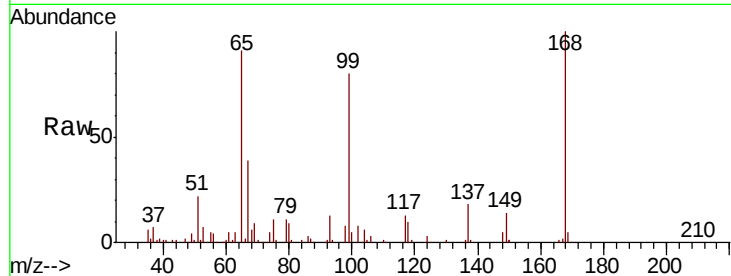
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.02 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
168	100		
99	80.1	59.0	88.6

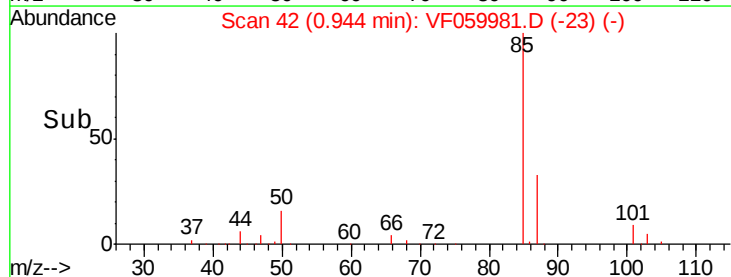
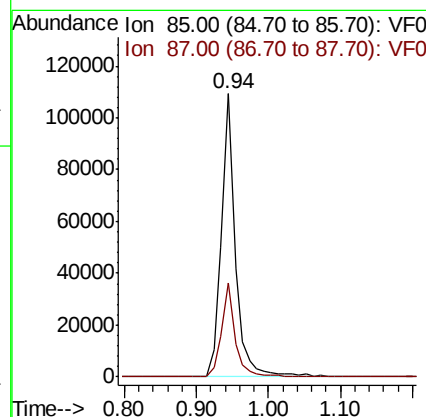
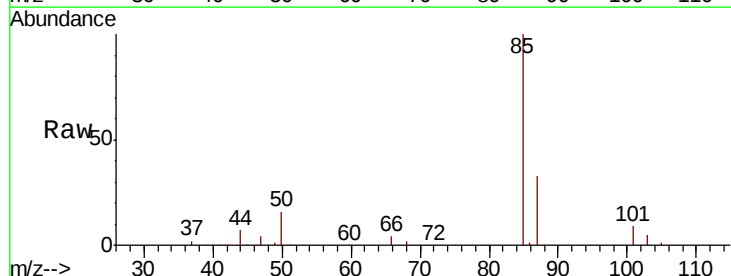
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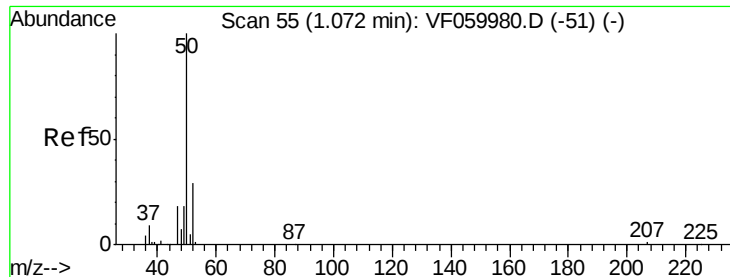
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#2
Dichlorodifluoromethane
Concen: 68.69 ug/l
RT: 0.94 min Scan# 42
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.9	47.7





#3

Chloromethane

Concen: 68.06 ug/l

RT: 1.06 min Scan# 54

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 74126

Ion Ratio Lower Upper

50 100

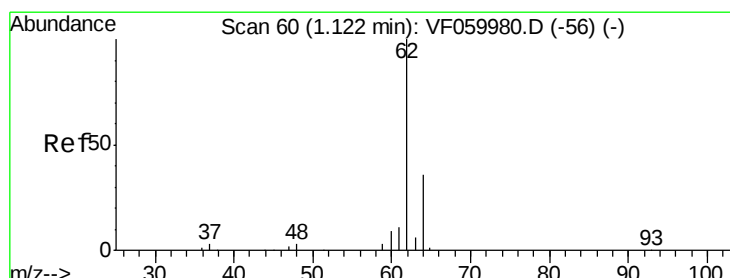
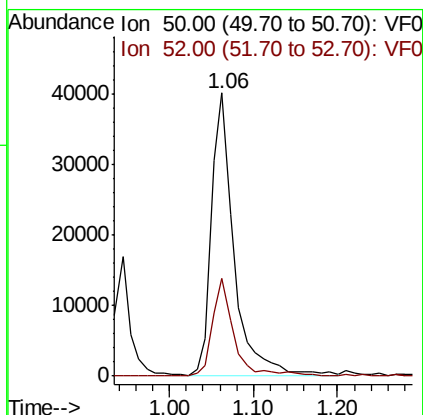
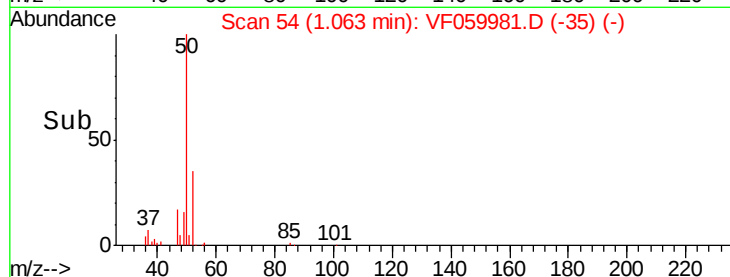
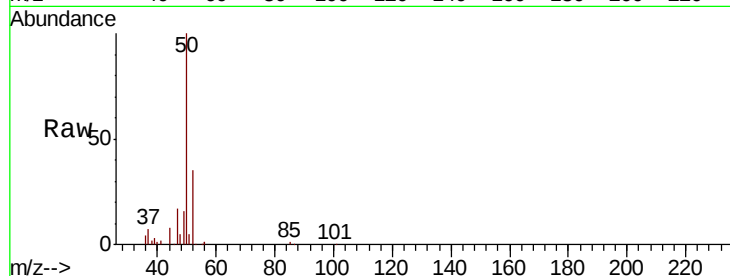
52 34.5 23.6 35.4

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#4

Vinyl Chloride

Concen: 68.18 ug/l

RT: 1.10 min Scan# 58

Delta R.T. -0.02 min

Lab File: VF059981.D

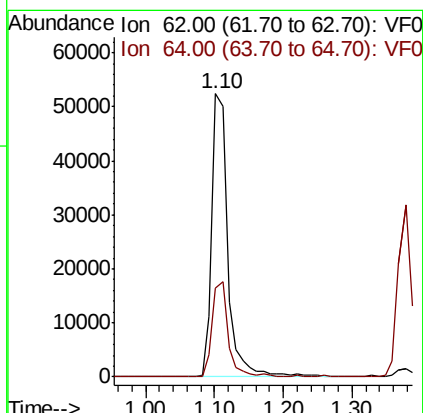
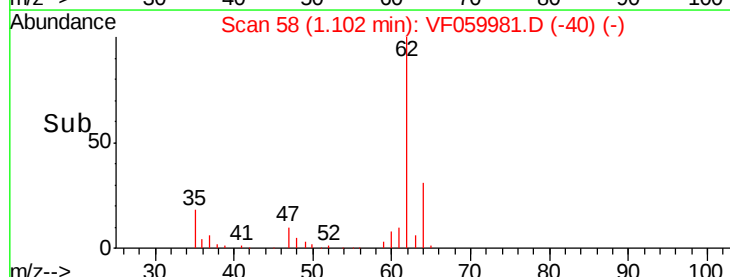
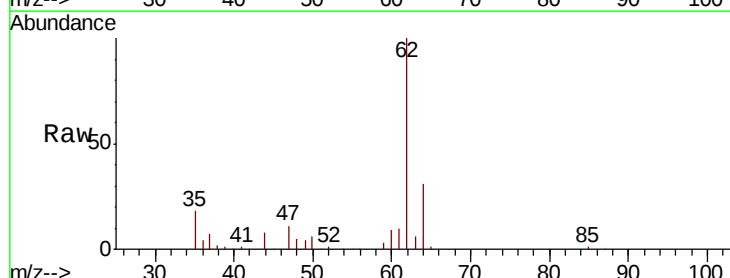
Acq: 17 Aug 2018 18:59

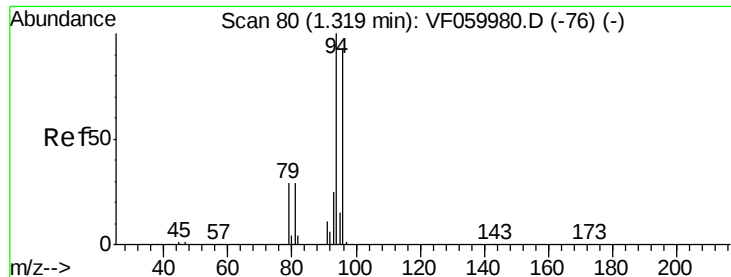
Tgt Ion: 62 Resp: 85220

Ion Ratio Lower Upper

62 100

64 31.3 28.7 43.1





#5

Bromomethane

Concen: 64.98 ug/l

RT: 1.30 min Scan# 78

Delta R.T. -0.02 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 79477

Ion Ratio Lower Upper

94 100

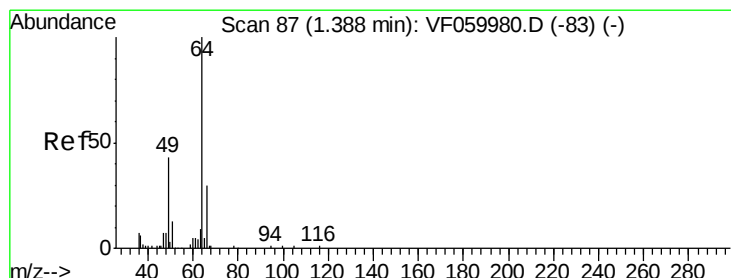
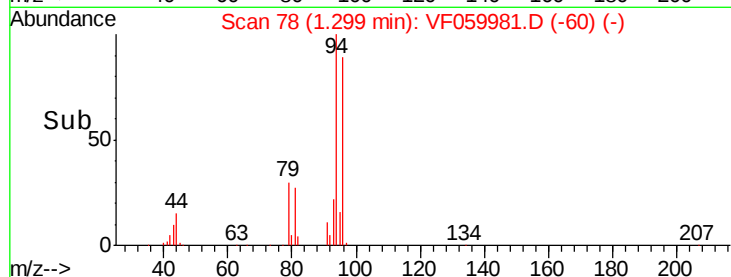
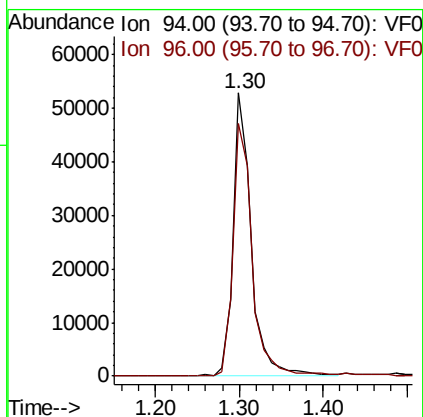
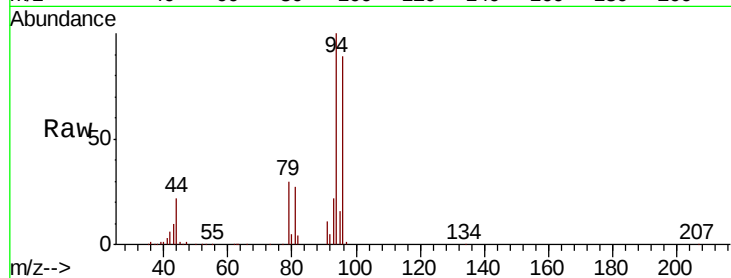
96 89.2 73.9 110.9

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#6

Chloroethane

Concen: 69.95 ug/l

RT: 1.38 min Scan# 86

Delta R.T. -0.01 min

Lab File: VF059981.D

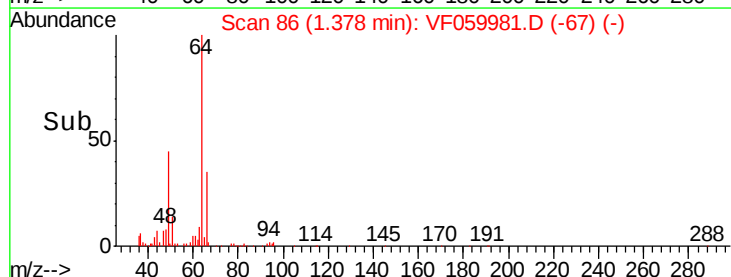
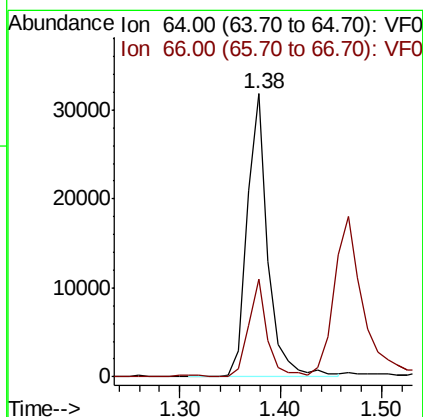
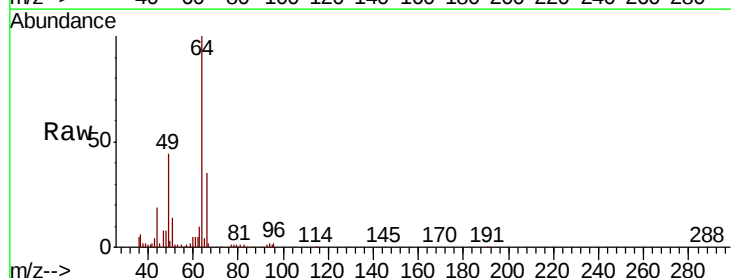
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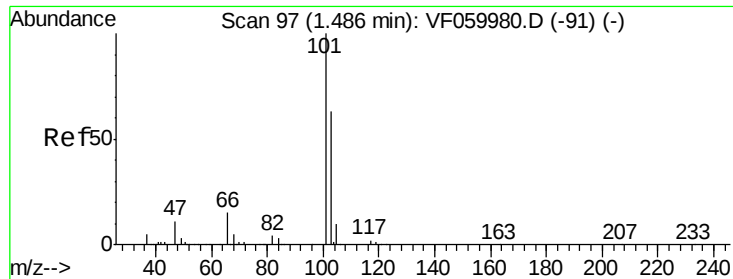
Tgt Ion: 64 Resp: 45688

Ion Ratio Lower Upper

64 100

66 34.6 24.4 36.6





#7

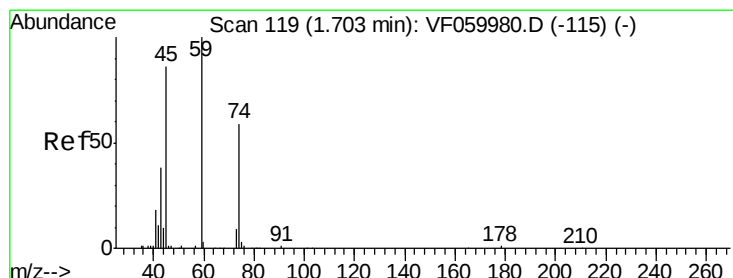
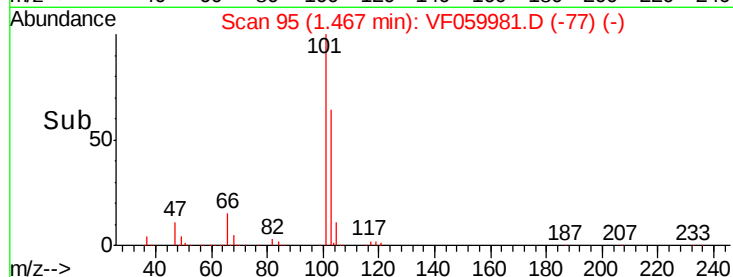
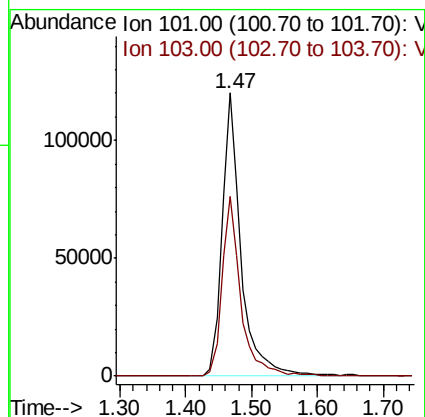
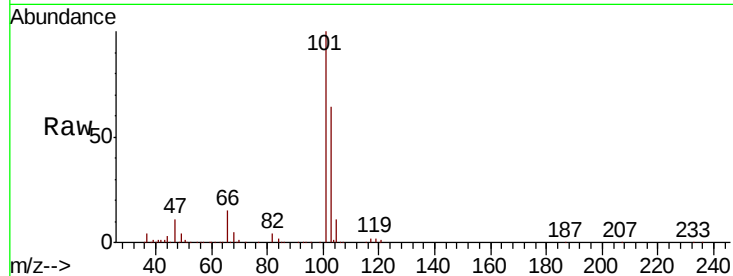
Trichlorofluoromethane
 Concen: 71.14 ug/l
 RT: 1.47 min Scan# 95
 Delta R.T. -0.02 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	240401		
103	63.6	50.8	76.2	

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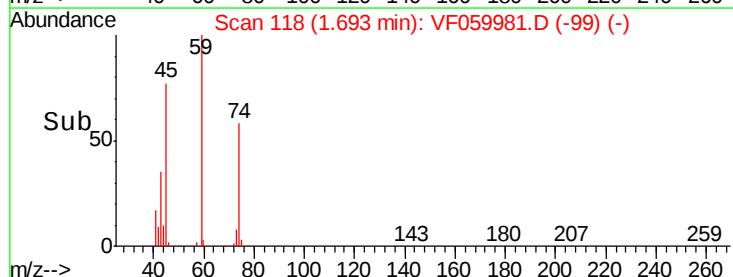
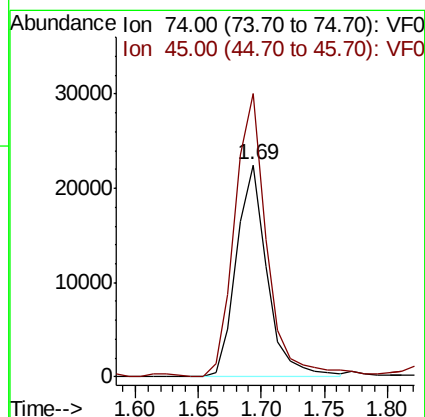
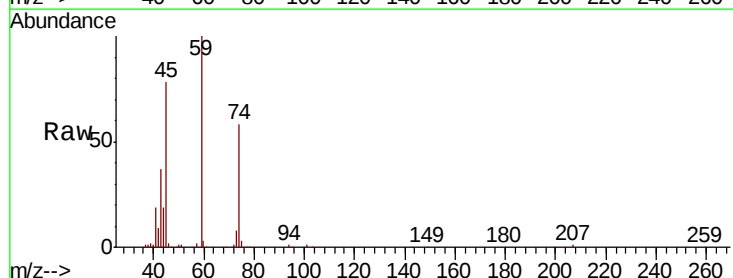
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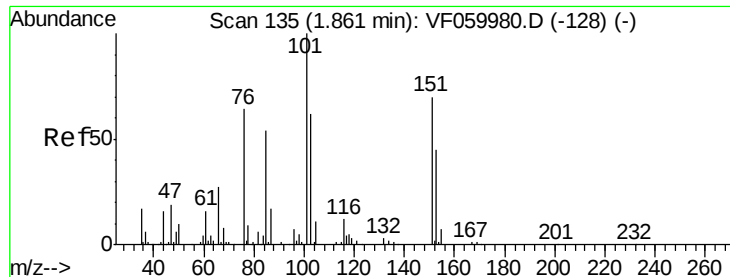


#8

Diethyl Ether
 Concen: 70.11 ug/l
 RT: 1.69 min Scan# 118
 Delta R.T. -0.01 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	37857		
45	133.5	73.5	220.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 67.09 ug/l

RT: 1.85 min Scan# 134

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

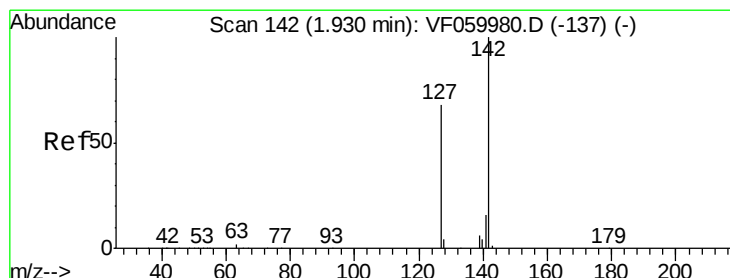
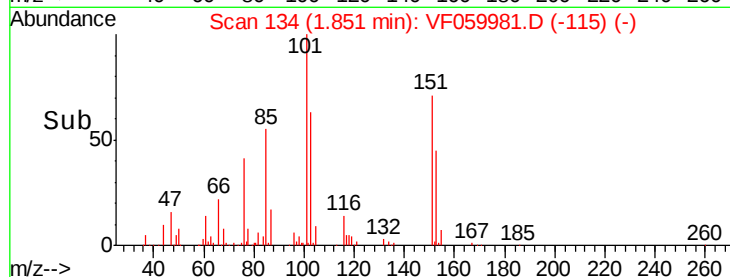
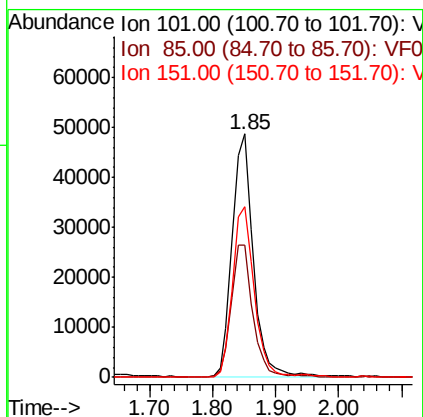
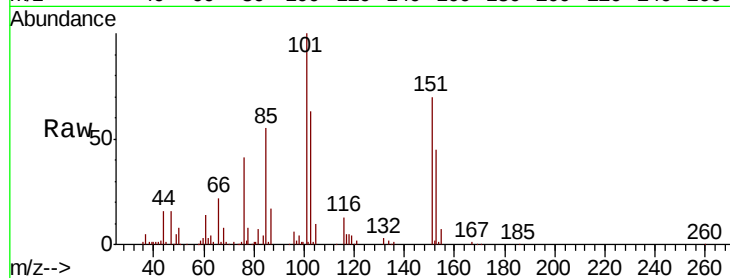
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	113785
Ion Ratio	Lower	Upper	
101	100		
85	54.6	43.0	64.6
151	69.9	56.2	84.2

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#10

Methyl Iodide

Concen: 65.55 ug/l

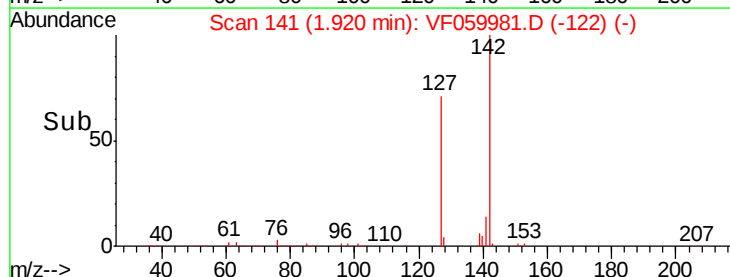
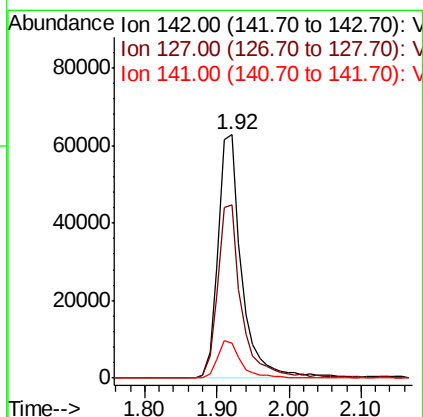
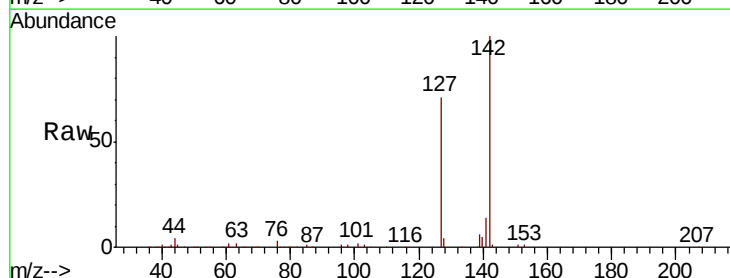
RT: 1.92 min Scan# 141

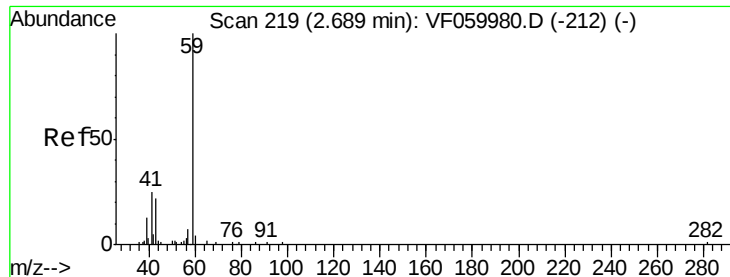
Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion:	142	Resp:	141673
Ion Ratio	Lower	Upper	
142	100		
127	71.0	54.1	81.1
141	14.3	12.5	18.7





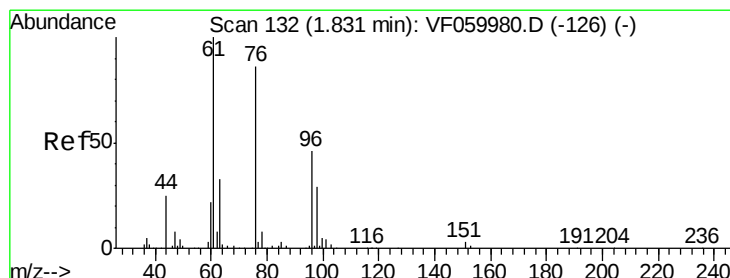
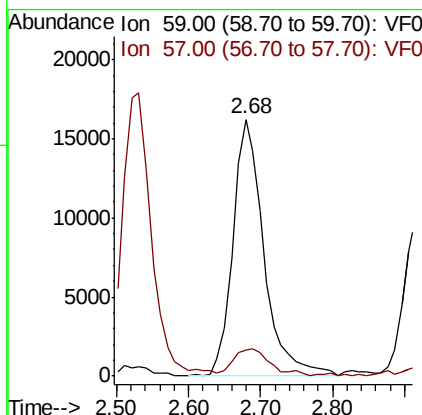
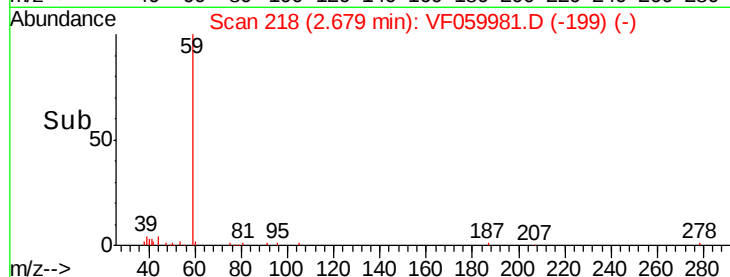
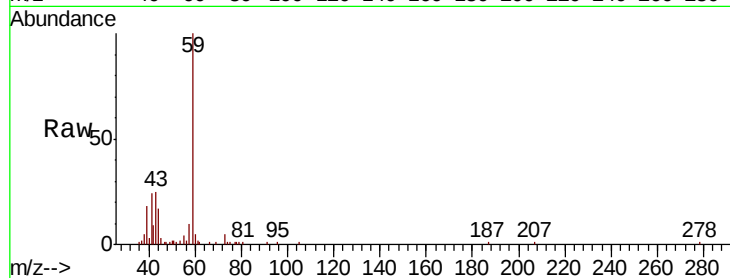
#11
Tert butyl alcohol
Concen: 324.63 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	6.8	10.2

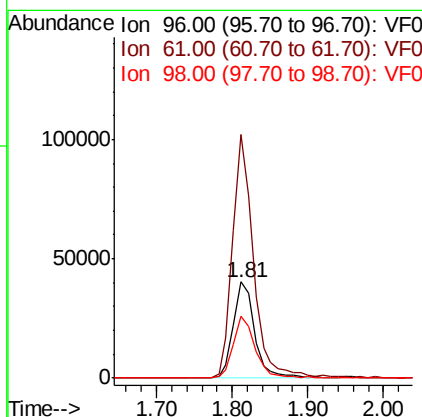
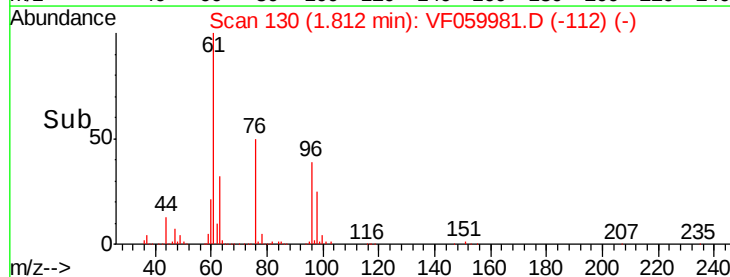
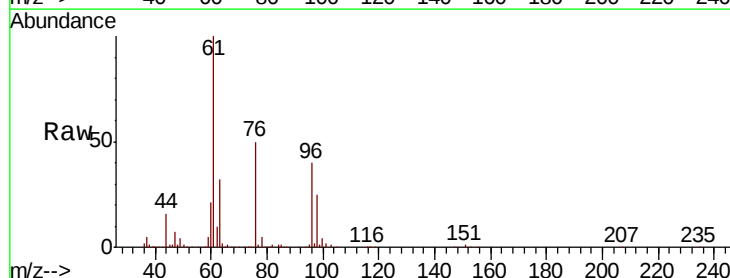
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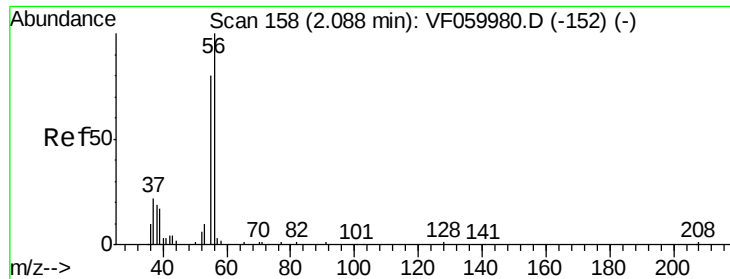
apatel
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#12
1,1-Dichloroethene
Concen: 67.65 ug/l
RT: 1.81 min Scan# 130
Delta R.T. -0.02 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	252.9	175.6	263.4
98	63.6	50.6	75.8





#13

Acrolein

Concen: 452.54 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 35815

Ion Ratio Lower Upper

56 100

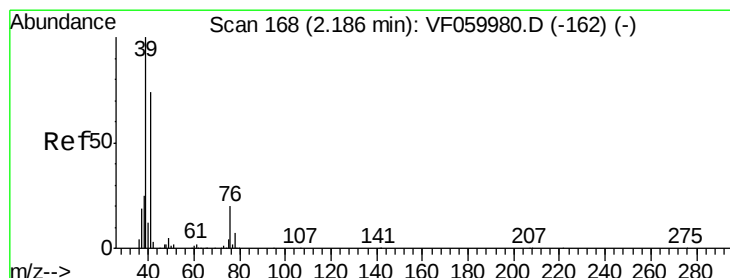
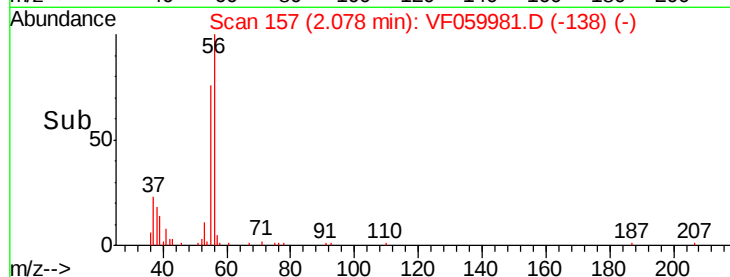
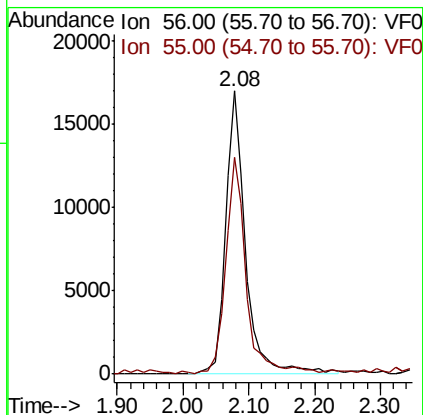
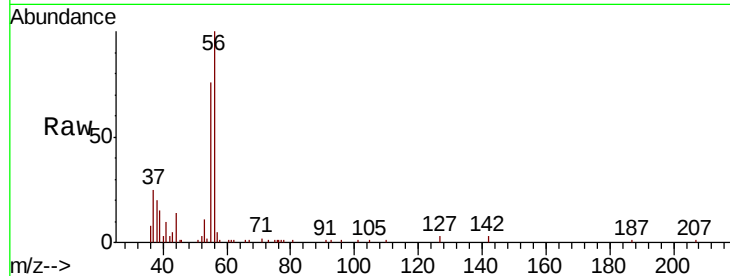
55 76.4 63.8 95.6

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#14

Allyl chloride

Concen: 62.84 ug/l

RT: 2.18 min Scan# 167

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

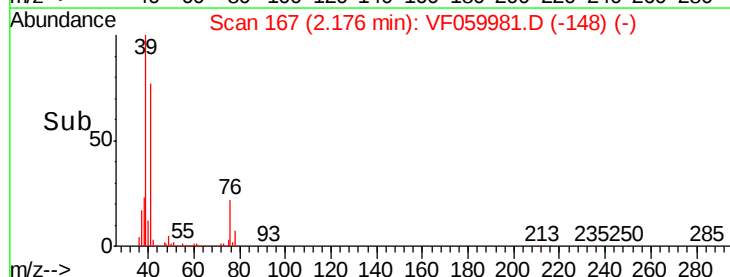
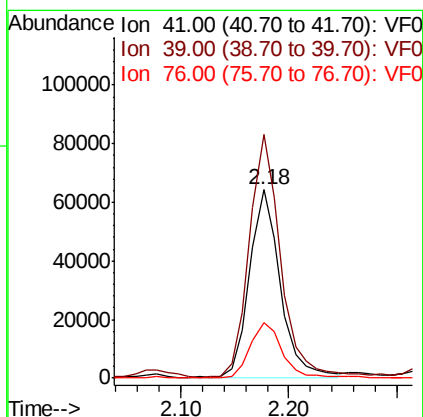
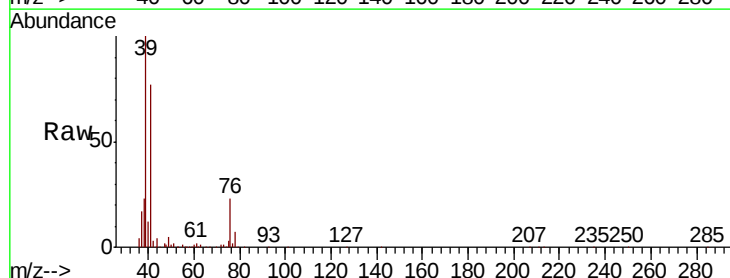
Tgt Ion: 41 Resp: 125278

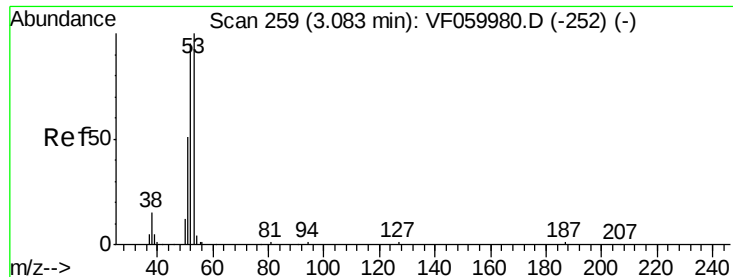
Ion Ratio Lower Upper

41 100

39 129.1 109.3 163.9

76 29.7 21.3 31.9





#15

Acrylonitrile

Concen: 352.34 ug/l

RT: 3.06 min Scan# 257

Delta R.T. -0.02 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

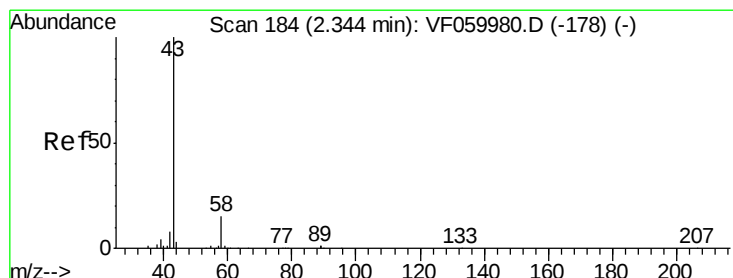
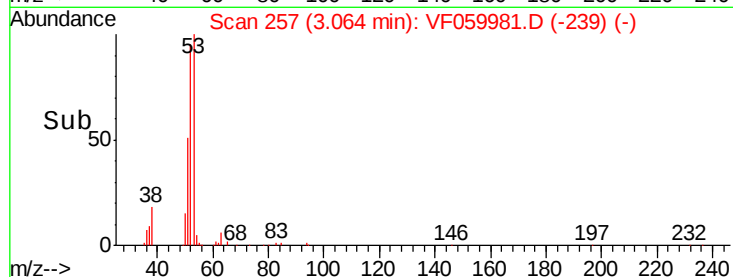
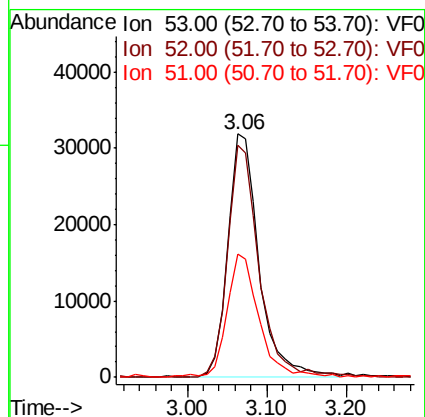
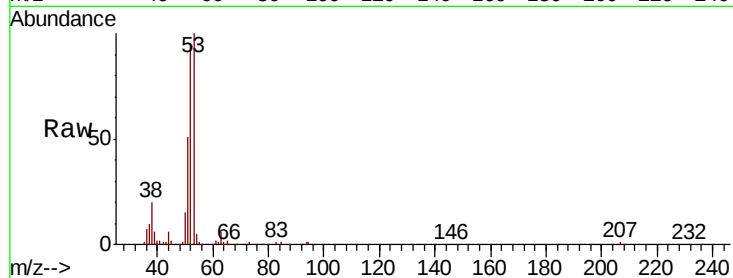
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	87695
Ion	Ratio	Lower	Upper
53	100		
52	95.1	76.0	114.0
51	50.7	41.9	62.9

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#16

Acetone

Concen: 304.22 ug/l

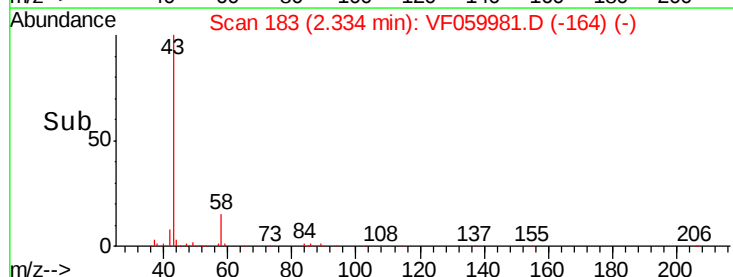
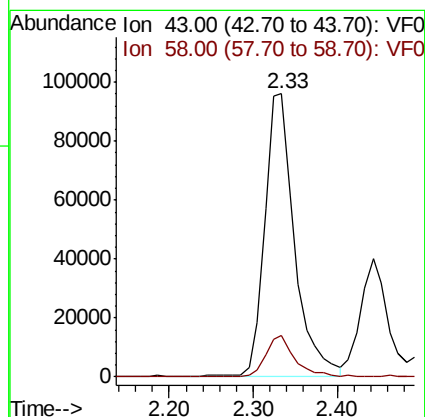
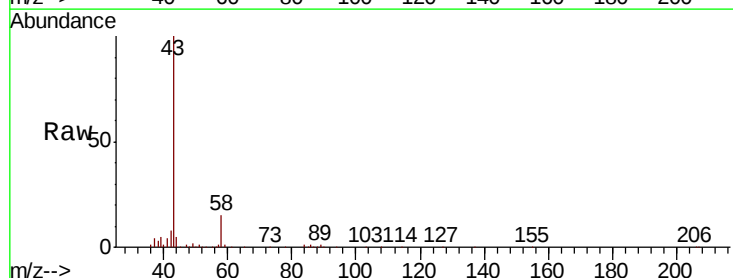
RT: 2.33 min Scan# 183

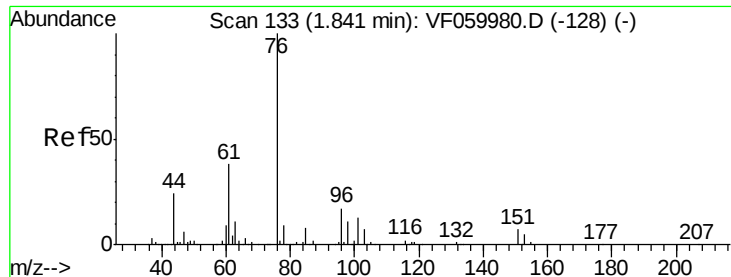
Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion:	43	Resp:	237969
Ion	Ratio	Lower	Upper
43	100		
58	14.6	11.9	17.9





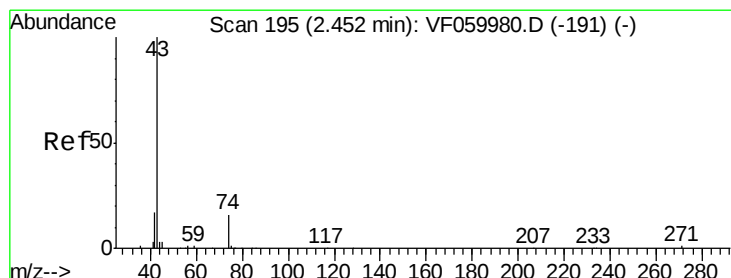
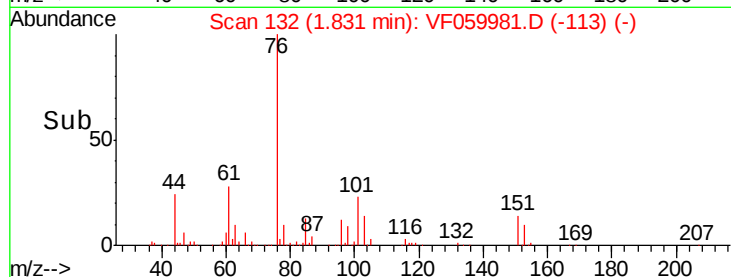
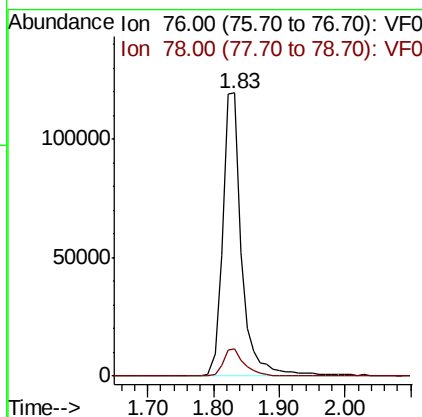
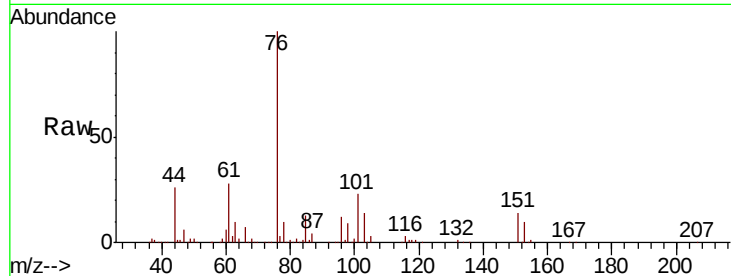
#17
Carbon Disulfide
Concen: 64.52 ug/l
RT: 1.83 min Scan# 132
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

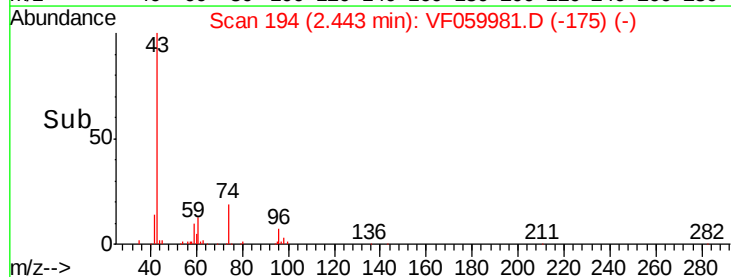
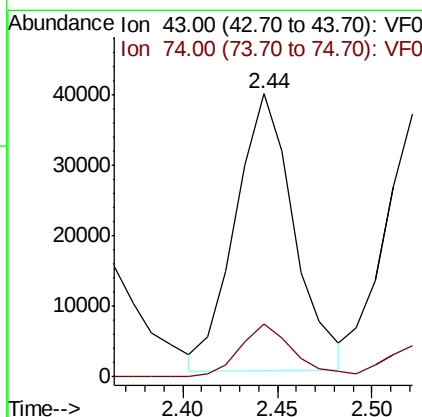
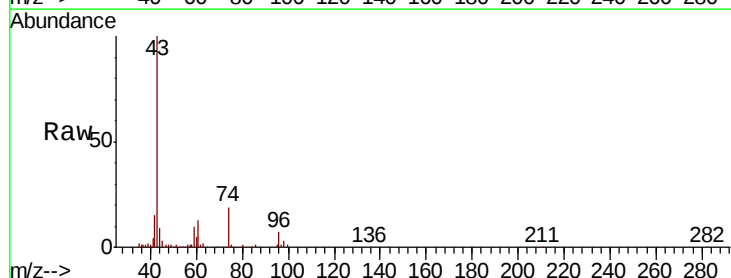
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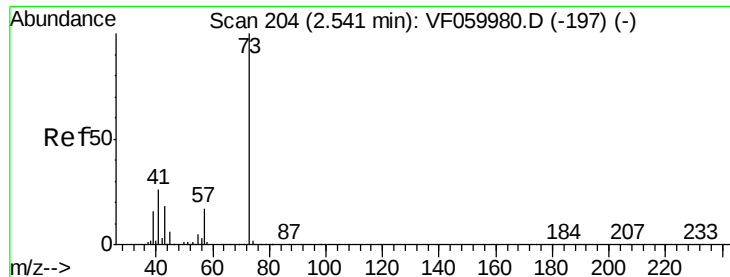
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#18
Methyl Acetate
Concen: 54.51 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.9	12.3	18.5#





#19

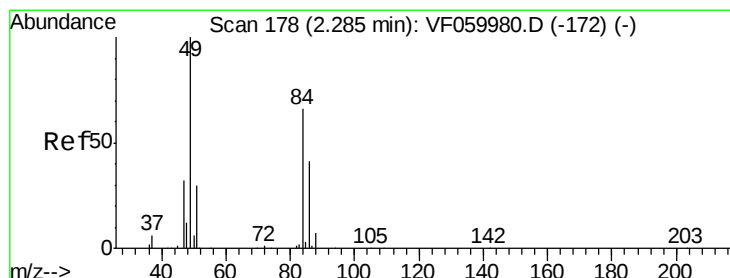
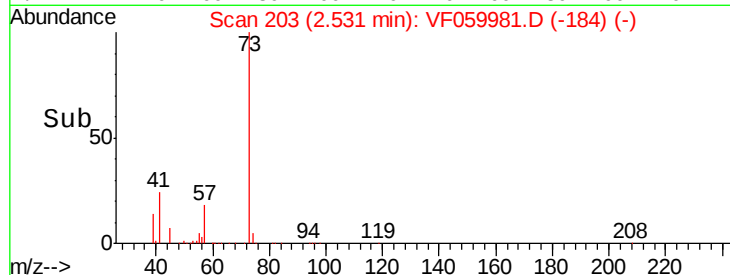
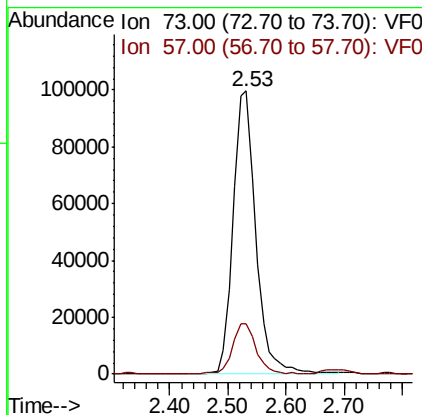
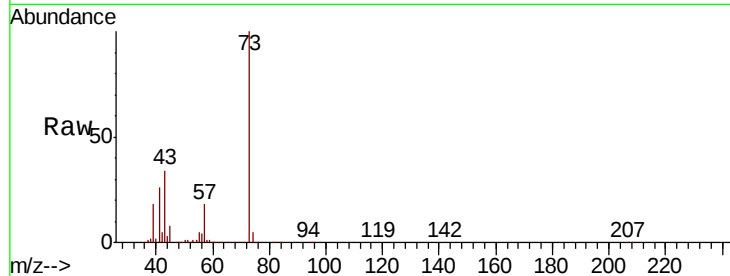
Methyl tert-butyl Ether
 Concen: 67.93 ug/l
 RT: 2.53 min Scan# 203
 Delta R.T. -0.01 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.0	14.2	21.2

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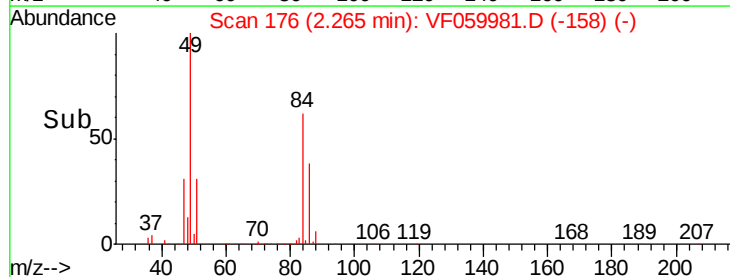
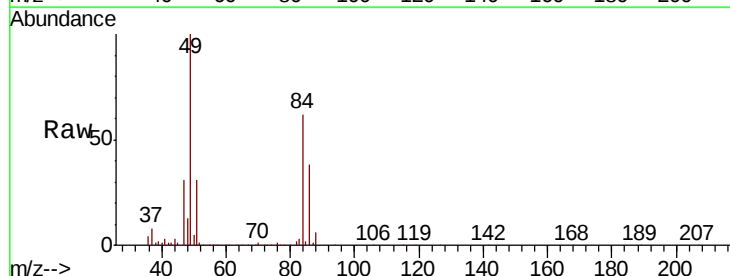
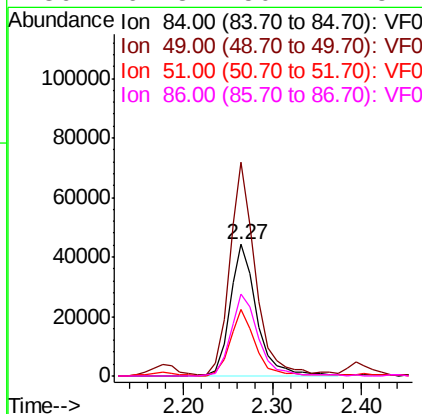
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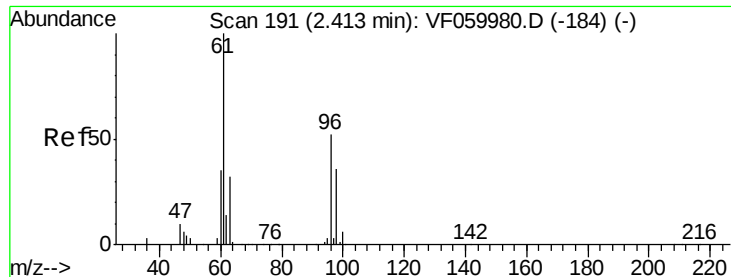


#20

Methylene Chloride
 Concen: 56.50 ug/l
 RT: 2.27 min Scan# 176
 Delta R.T. -0.02 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	162.2	122.5	183.7
51	50.2	37.1	55.7
86	61.8	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 67.23 ug/l

RT: 2.40 min Scan# 190

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

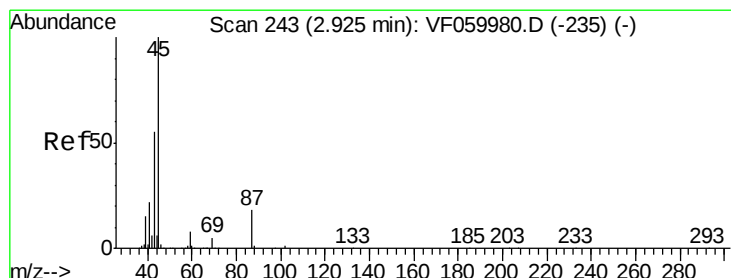
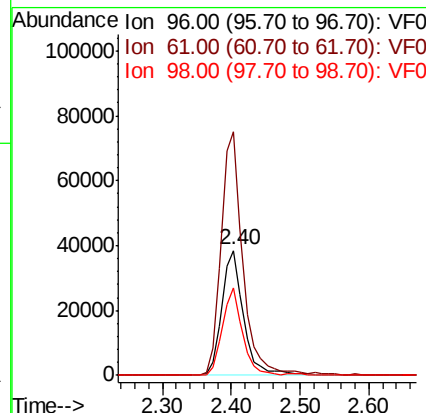
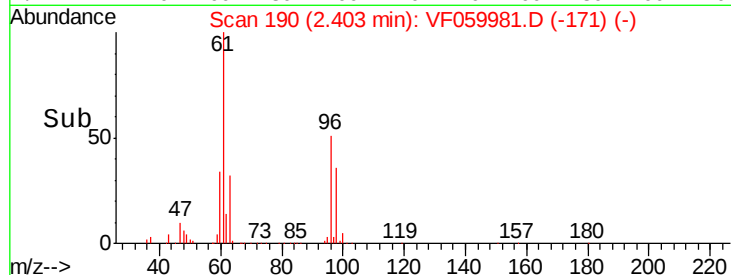
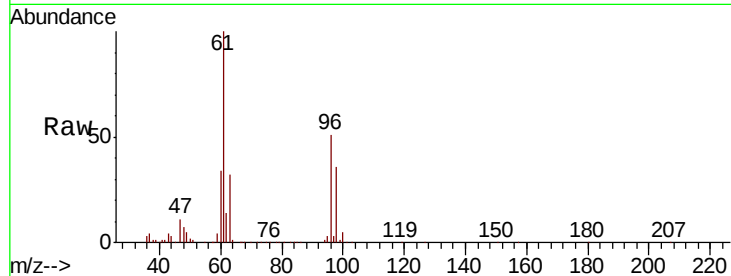
ClientSampleId :

VSTDIC075

Tot Ion:	96	Resp:	84180
Ion	Ratio	Lower	Upper
96	100		
61	194.7	153.0	229.4
98	70.2	55.5	83.3

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#22

Diisopropyl ether

Concen: 71.93 ug/l

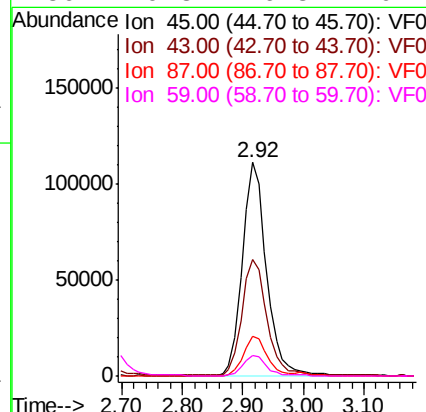
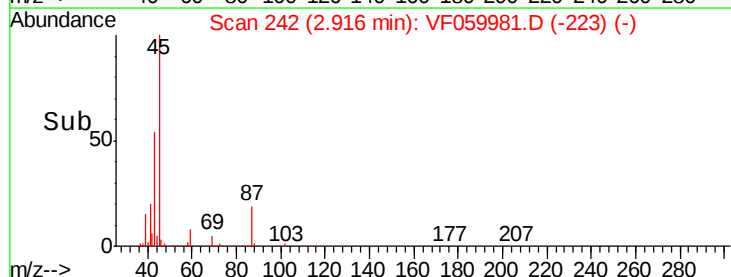
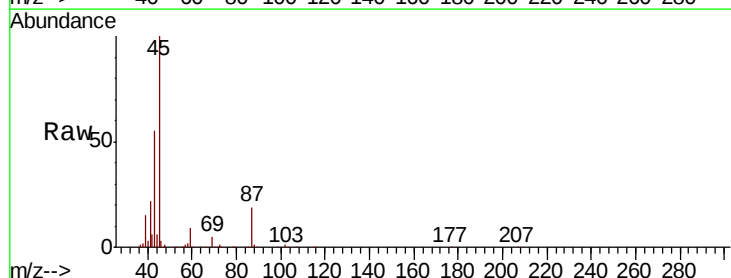
RT: 2.92 min Scan# 242

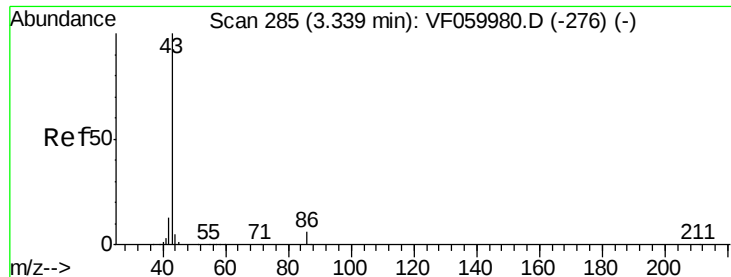
Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion:	45	Resp:	309583
Ion	Ratio	Lower	Upper
45	100		
43	54.5	44.8	67.2
87	18.8	14.6	21.8
59	9.3	6.8	10.2





#23

Vinyl Acetate

Concen: 376.97 ug/l

RT: 3.32 min Scan# 283

Delta R.T. -0.02 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 664675

Ion Ratio Lower Upper

43 100

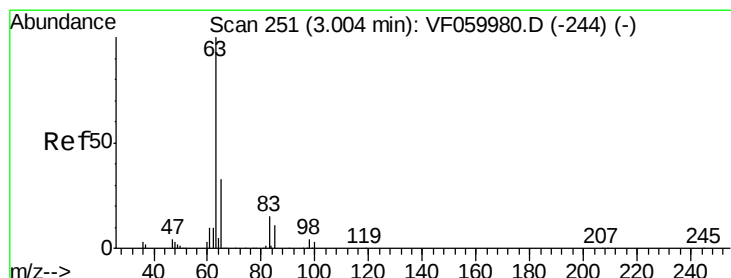
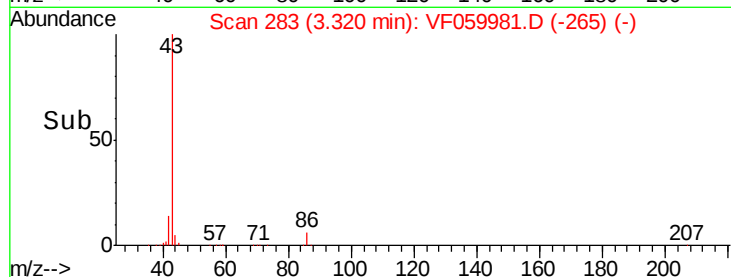
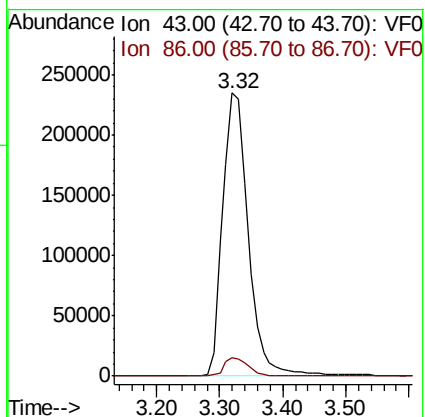
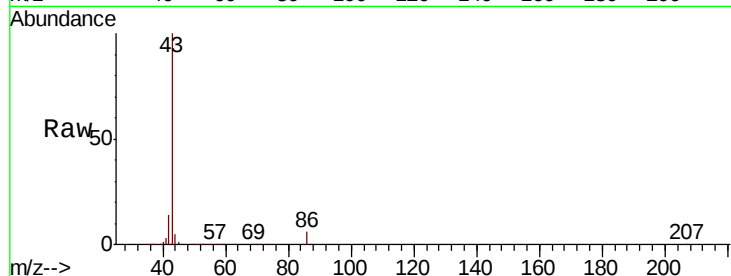
86 6.5 4.4 6.6

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#24

1,1-Dichloroethane

Concen: 71.32 ug/l

RT: 2.99 min Scan# 250

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

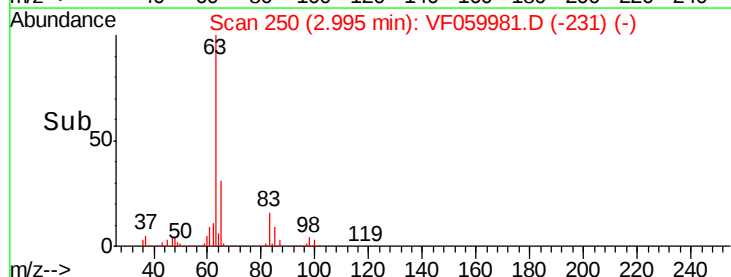
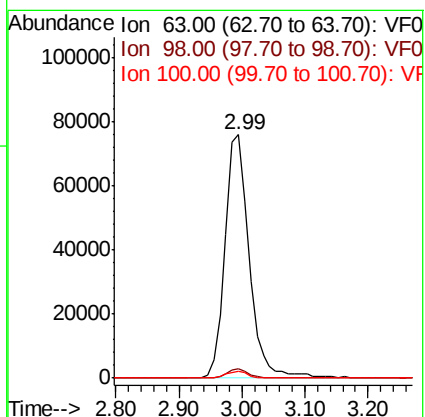
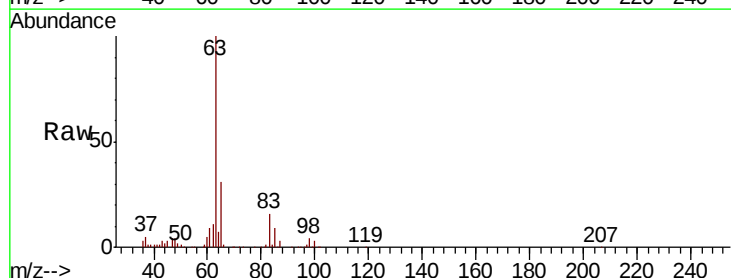
Tgt Ion: 63 Resp: 202020

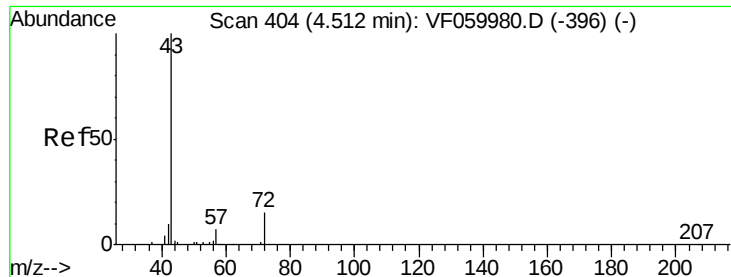
Ion Ratio Lower Upper

63 100

98 4.1 2.0 5.8

100 3.0 1.4 4.2





#25

2-Butanone

Concen: 322.92 ug/l

RT: 4.50 min Scan# 403

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 197607

Ion Ratio Lower Upper

43 100

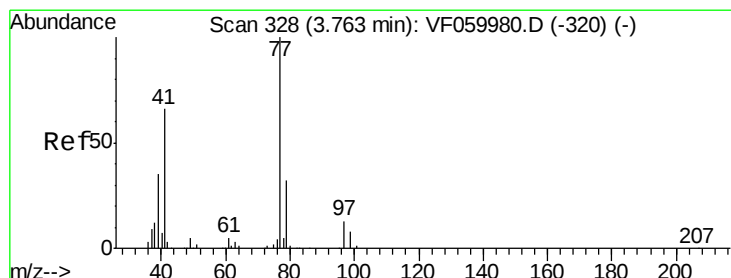
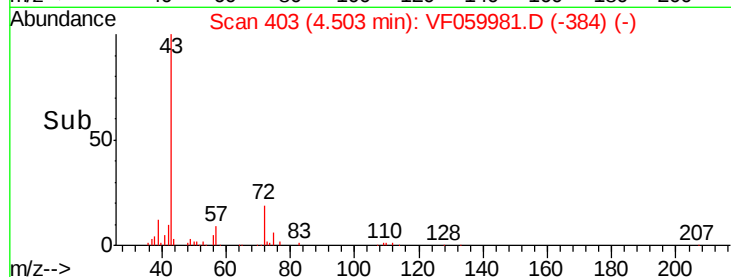
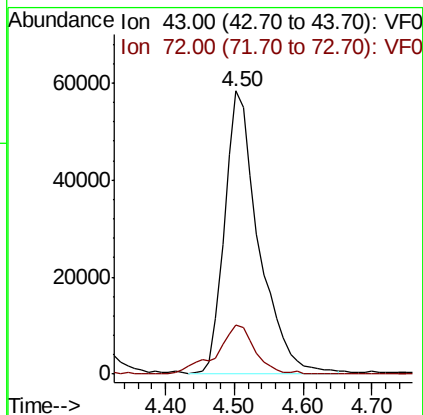
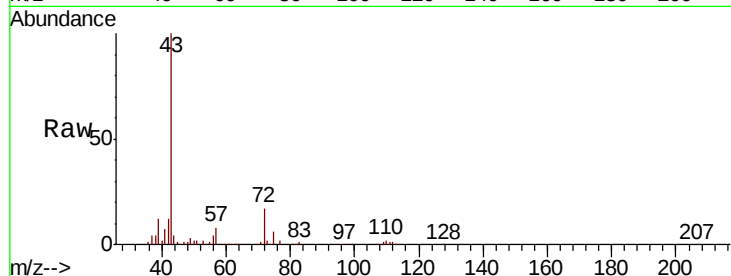
72 17.4 12.5 18.7

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#26

2,2-Dichloropropane

Concen: 72.71 ug/l

RT: 3.75 min Scan# 327

Delta R.T. -0.01 min

Lab File: VF059981.D

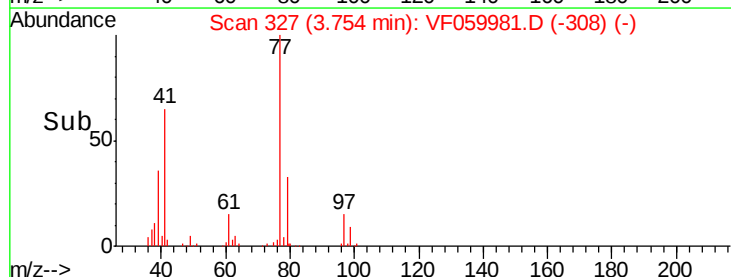
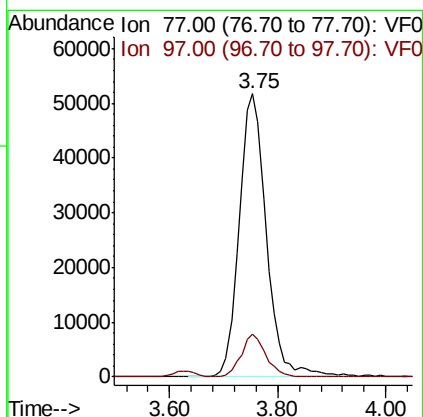
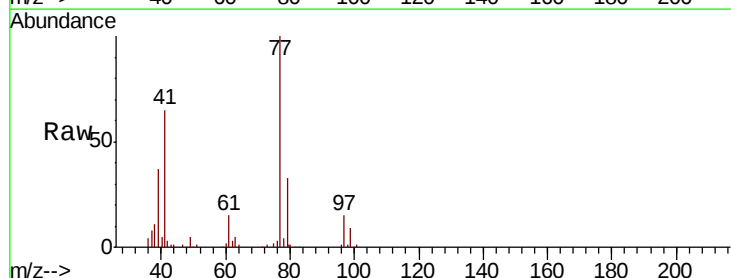
Acq: 17 Aug 2018 18:59

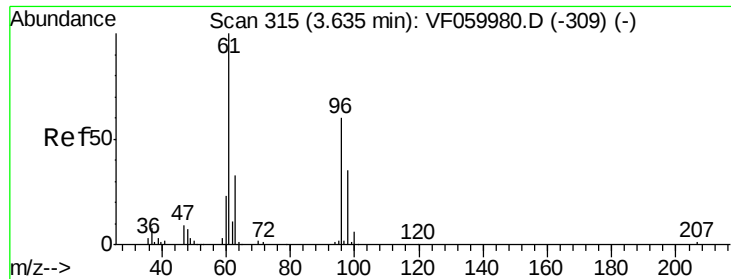
Tgt Ion: 77 Resp: 179740

Ion Ratio Lower Upper

77 100

97 14.9 6.7 20.0





#27

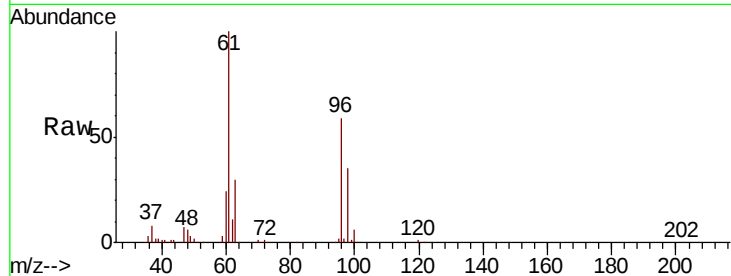
cis-1,2-Dichloroethene
Concen: 72.47 ug/l
RT: 3.63 min Scan# 314
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

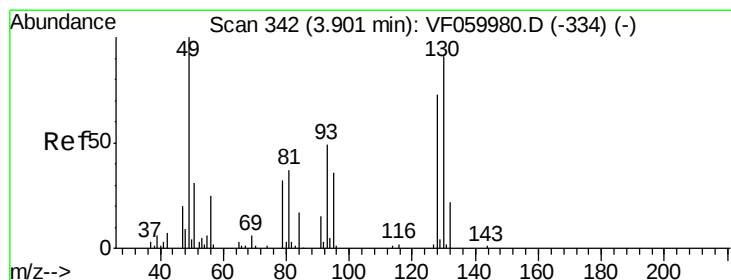
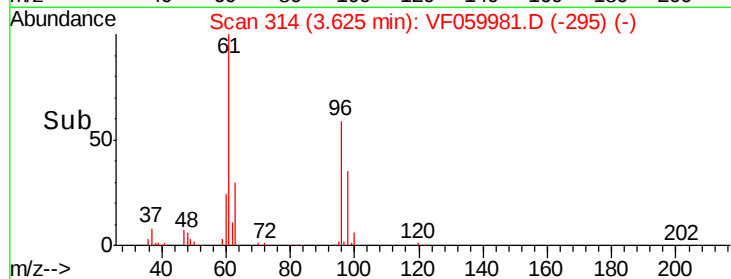
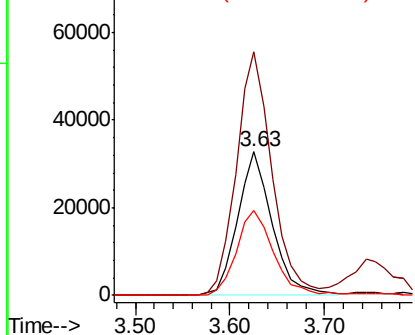
Tot Ion	Ratio	Resp	Lower	Upper
96	100	82768		
61	169.7	0.0	335.0	
98	58.8	0.0	117.2	

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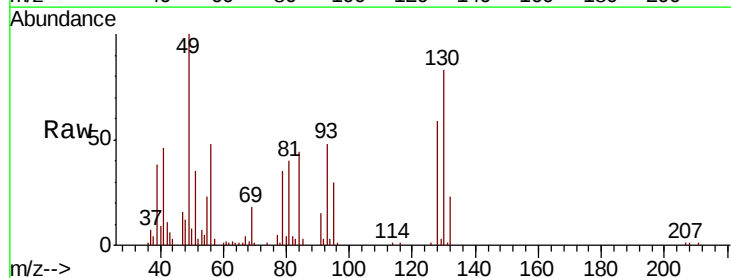
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



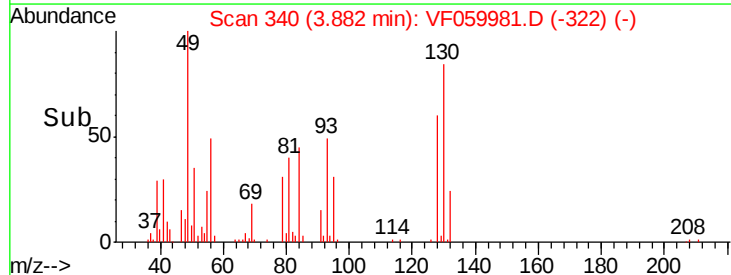
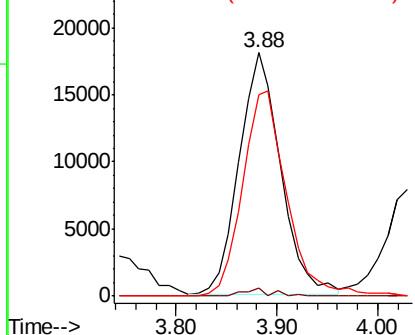
#28

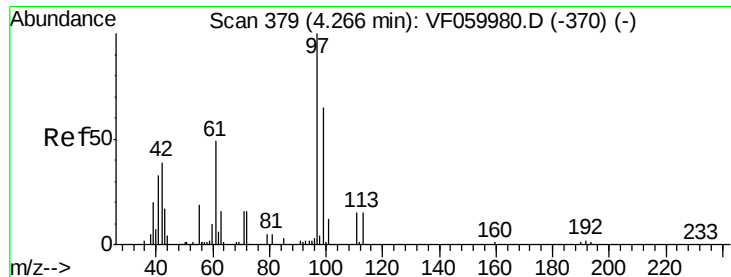
Bromochloromethane
Concen: 63.90 ug/l
RT: 3.88 min Scan# 340
Delta R.T. -0.02 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	51631		
129	3.4	0.0	7.6	
130	82.8	71.3	106.9	



Abundance Ion 49.00 (48.70 to 49.70): VF0
Ion 129.00 (128.70 to 129.70): V
Ion 130.00 (129.70 to 130.70): V





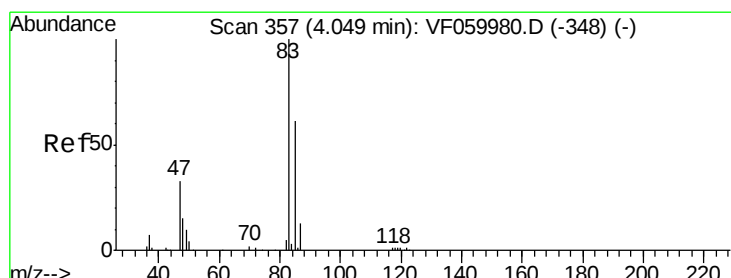
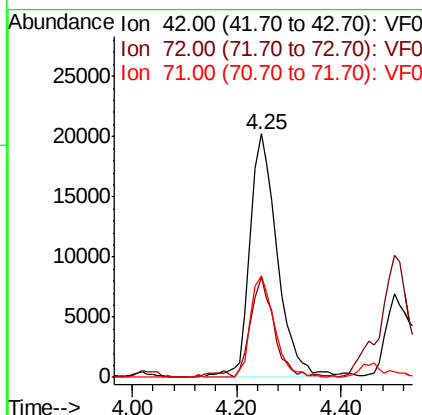
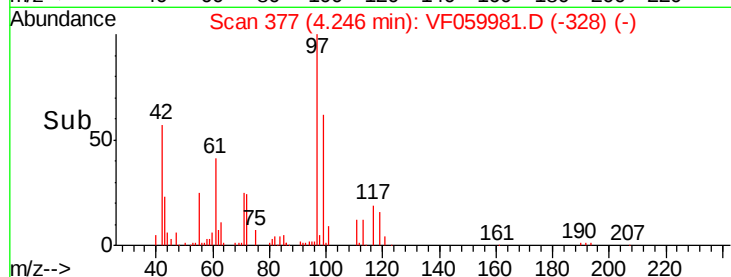
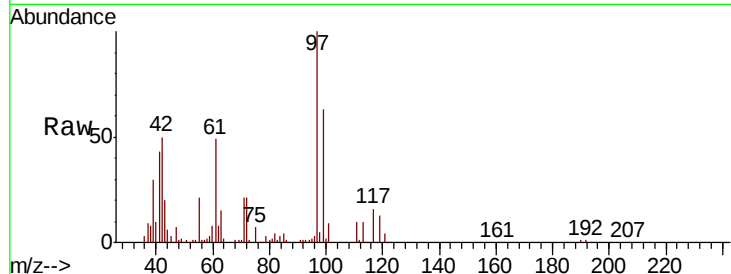
#29
Tetrahydrofuran
Concen: 329.86 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.8	29.8	44.6
71	36.0	29.0	43.4

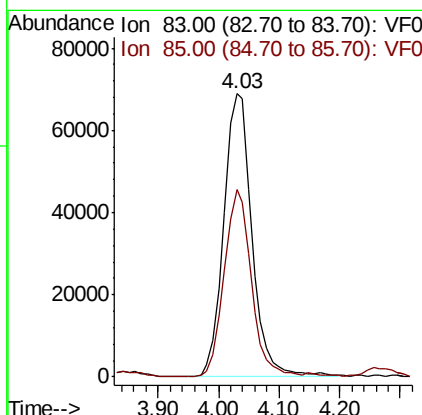
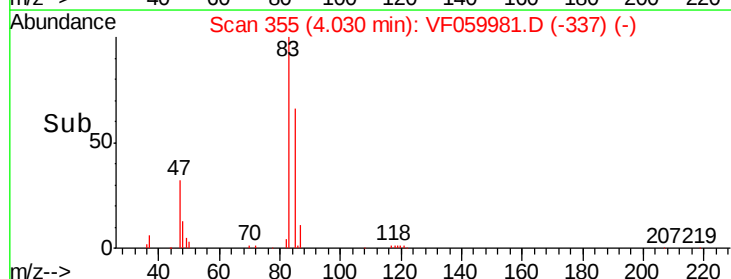
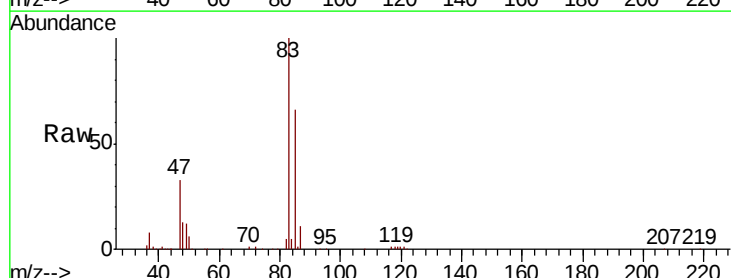
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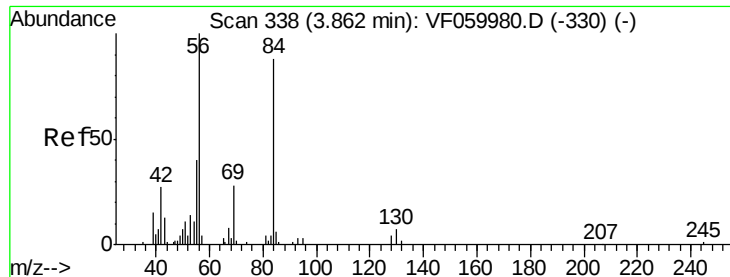
apatel
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#30
Chloroform
Concen: 69.29 ug/l
RT: 4.03 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	48.8	73.2





#31

Cyclohexane

Concen: 66.52 ug/l

RT: 3.85 min Scan# 337

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

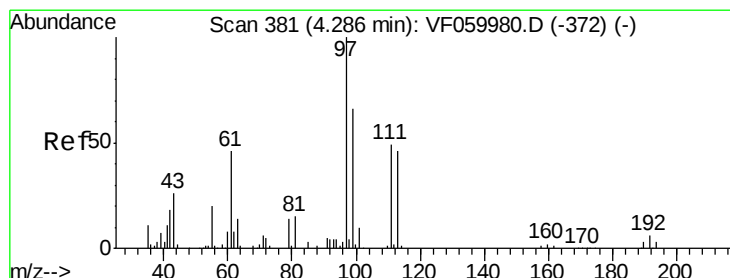
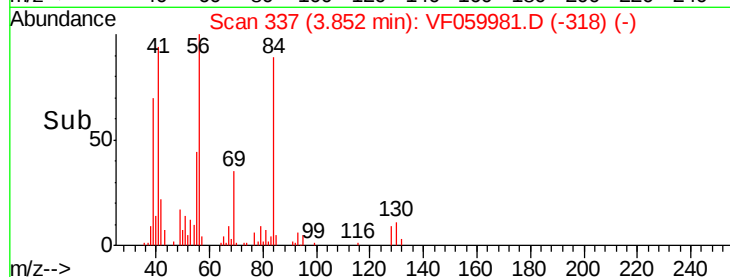
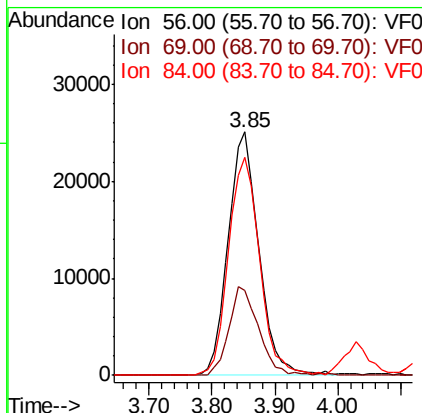
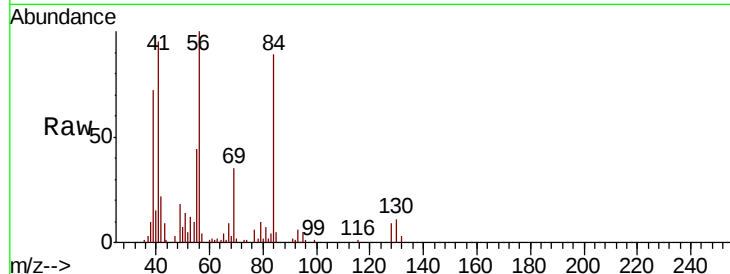
ClientSampleId :

VSTDIC075

Tot Ion:	56	Resp:	84675
Ion	Ratio	Lower	Upper
56	100		
69	34.9	22.8	34.2#
84	89.3	70.7	106.1

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#32

1,1,1-Trichloroethane

Concen: 67.48 ug/l

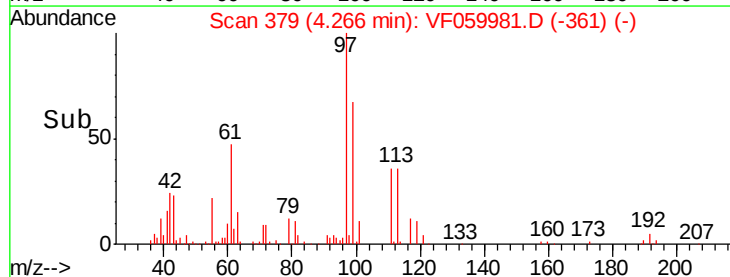
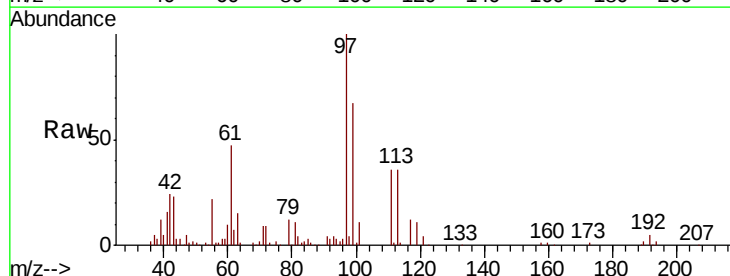
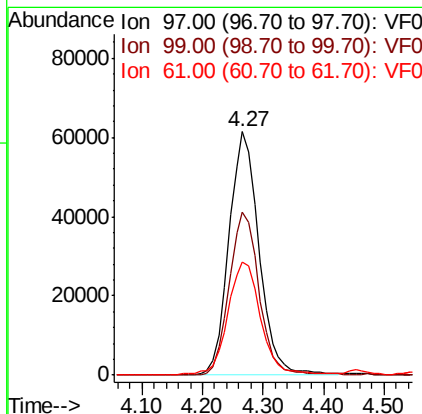
RT: 4.27 min Scan# 379

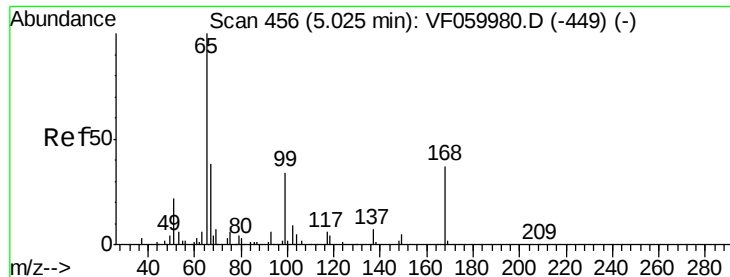
Delta R.T. -0.02 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion:	97	Resp:	212239
Ion	Ratio	Lower	Upper
97	100		
99	66.9	53.1	79.7
61	46.6	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 69.95 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tot Ion: 65 Resp: 170091

Ion Ratio Lower Upper

65 100

67 45.9 0.0 82.6

Instrument :

MSVOA_F

ClientSampleId :

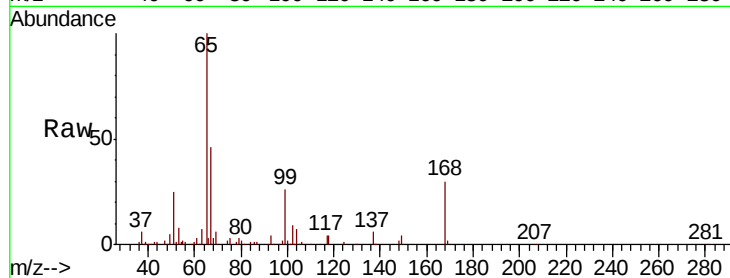
VSTDIC075

Manual Integrations

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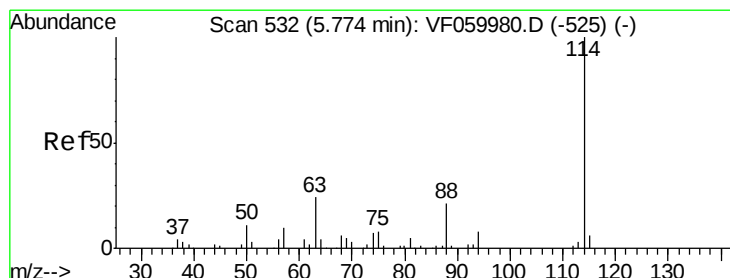
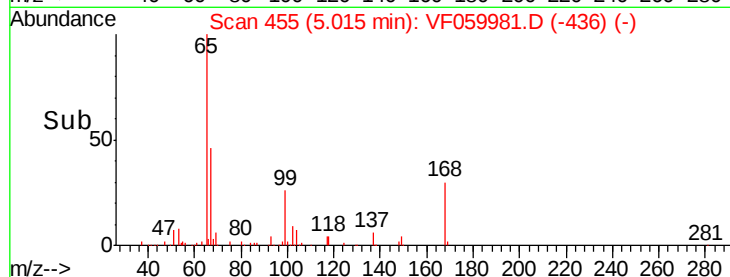
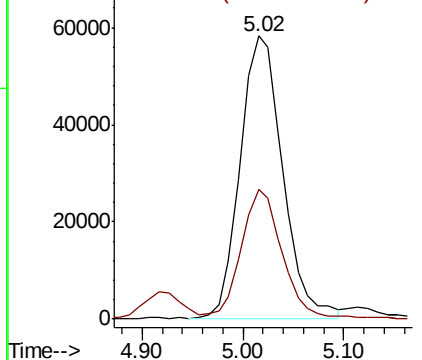
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

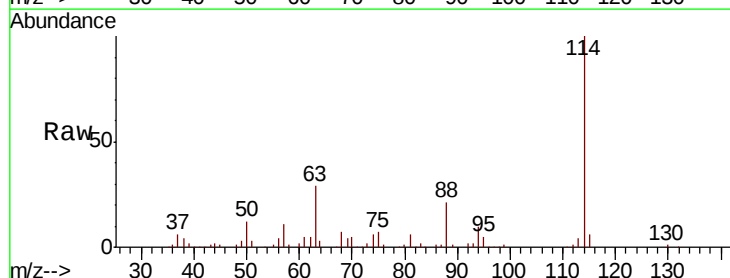
Tgt Ion: 114 Resp: 178778

Ion Ratio Lower Upper

114 100

63 28.6 0.0 48.6

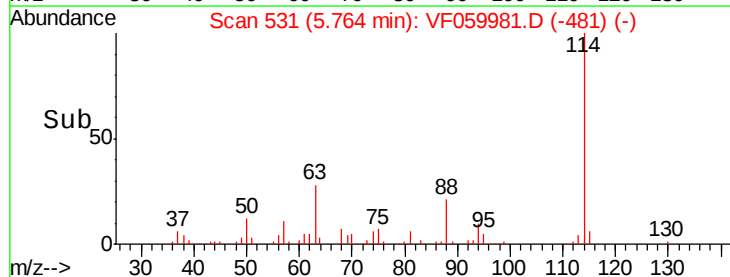
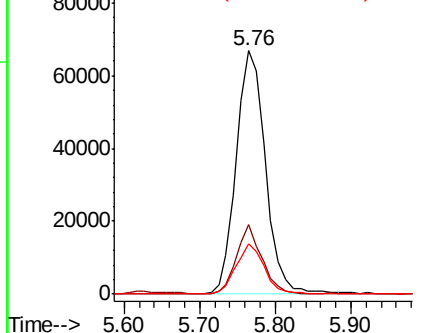
88 20.6 0.0 42.8

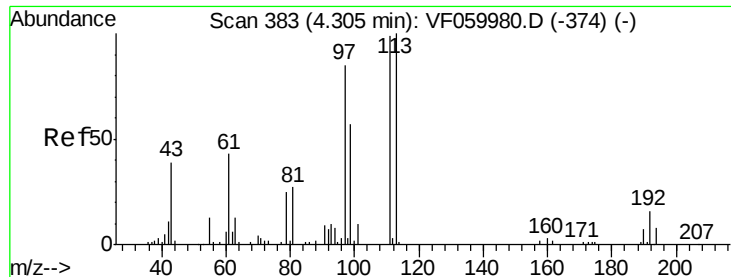


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





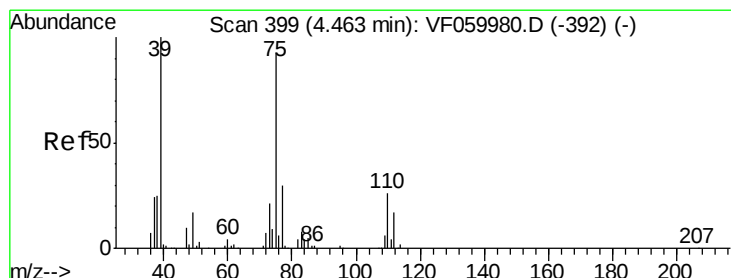
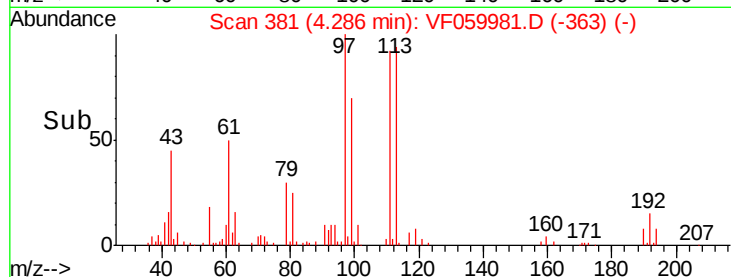
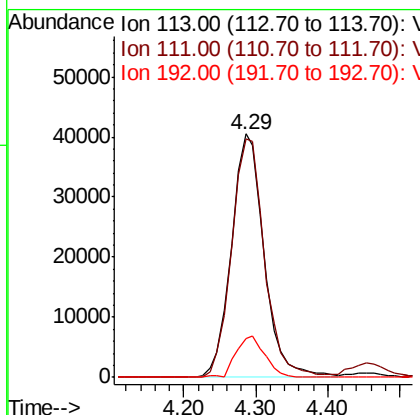
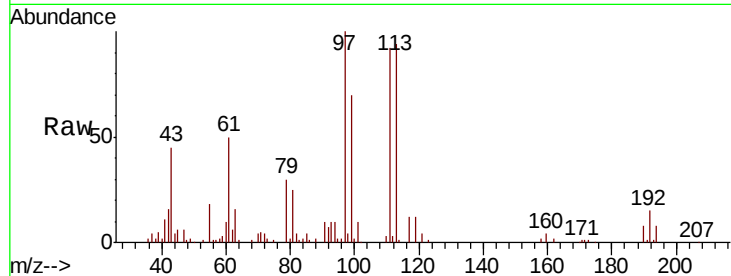
#35
 Dibromofluoromethane
 Concen: 70.37 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
113	100		
111	97.7	79.5	119.3
192	15.9	12.4	18.6

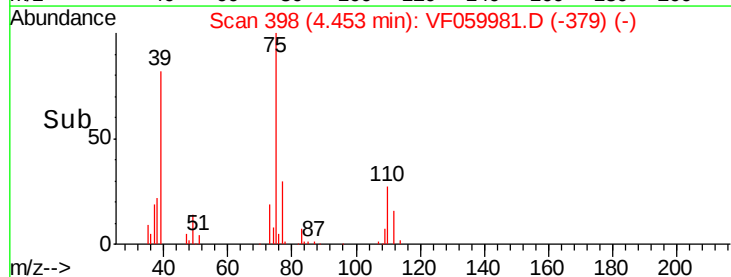
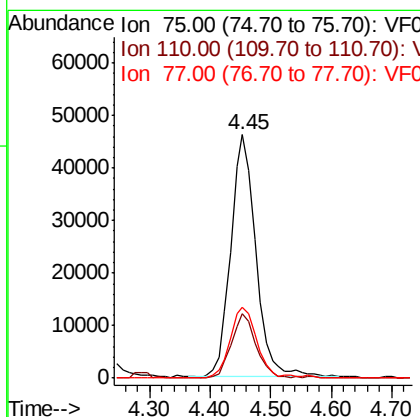
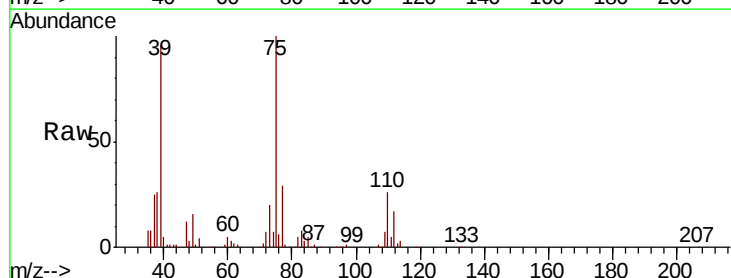
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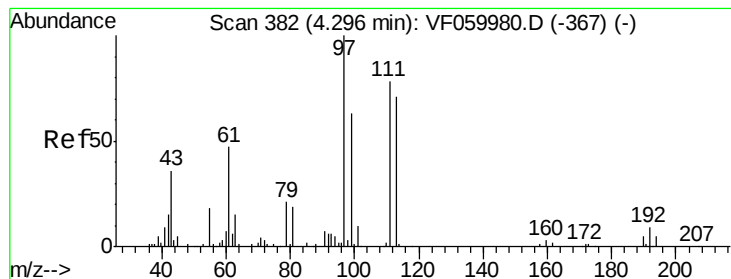
apatel
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#36
 1,1-Dichloropropene
 Concen: 66.06 ug/l
 RT: 4.45 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	26.5	13.8	41.4
77	29.2	25.8	38.8





#37

Ethyl Acetate

Concen: 68.34 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

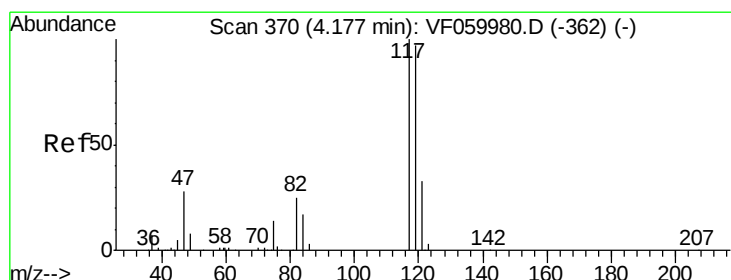
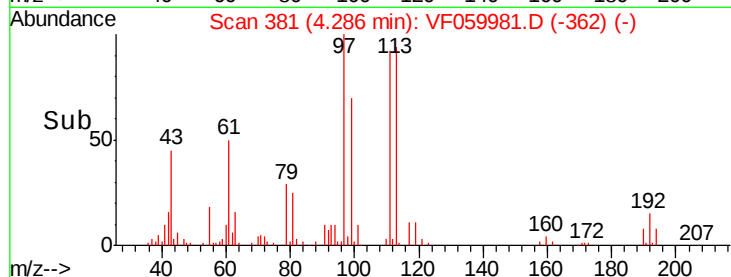
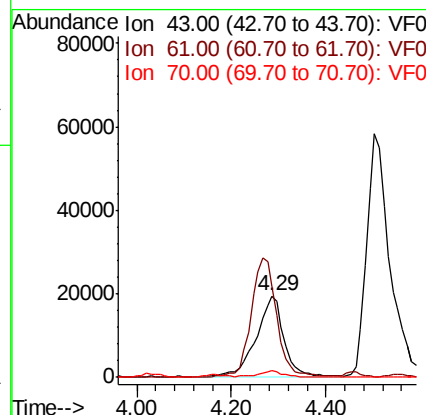
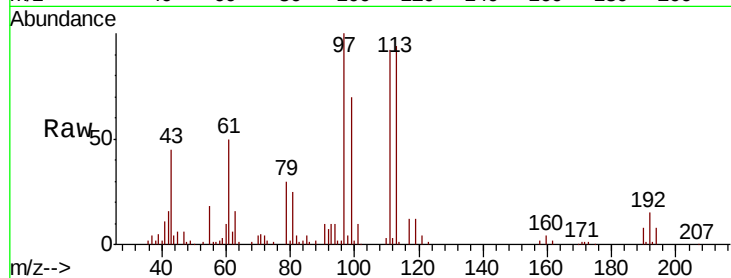
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	81305
Ion	Ratio	Lower	Upper
43	100		
61	111.8	104.5	156.7
70	8.9	5.9	8.9

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#38

Carbon Tetrachloride

Concen: 67.81 ug/l

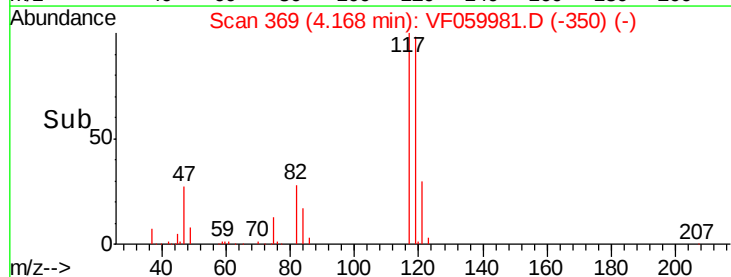
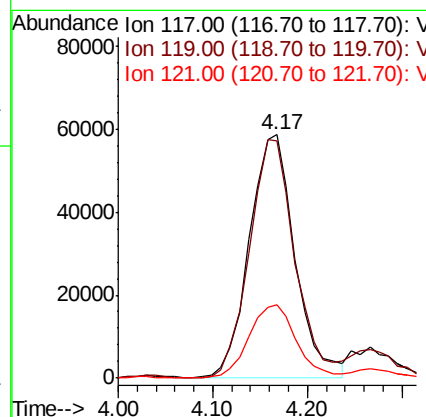
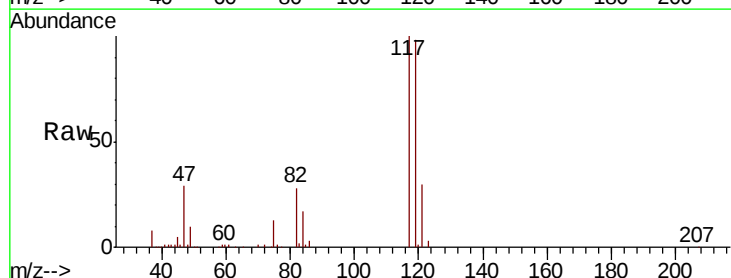
RT: 4.17 min Scan# 369

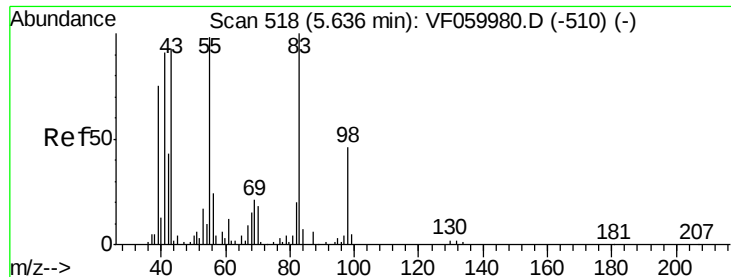
Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion:	117	Resp:	196535
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.8	116.6
121	30.3	26.0	39.0





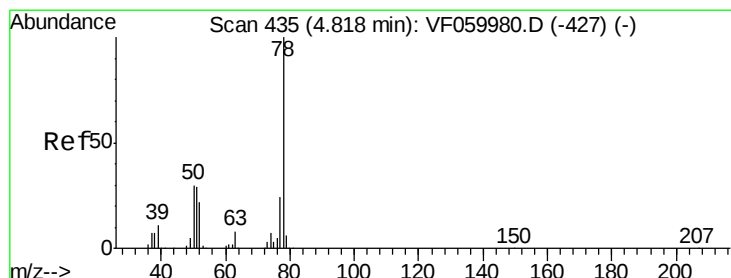
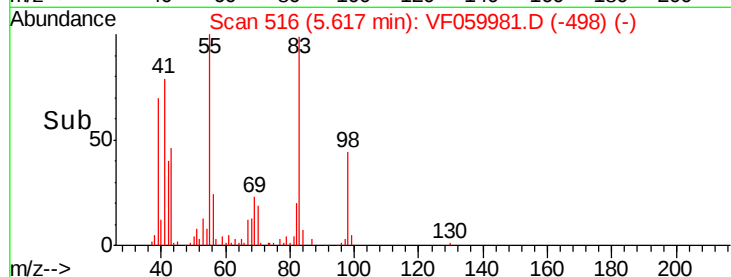
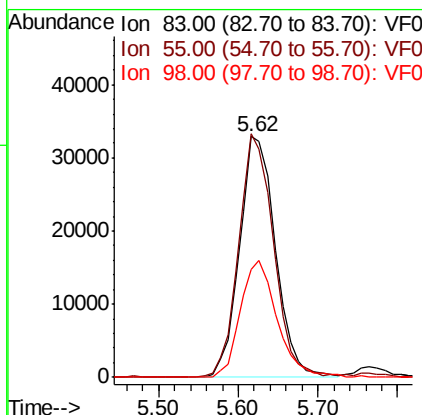
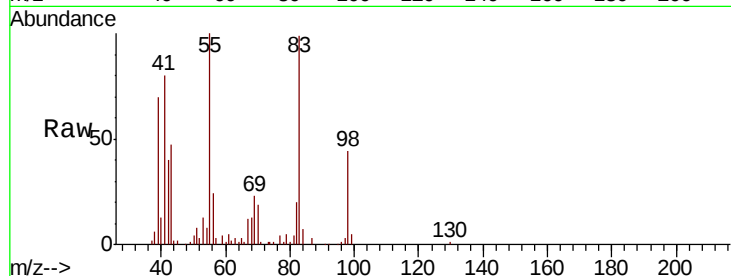
#39
Methvlcvclohexane
Concen: 67.26 ug/l
RT: 5.62 min Scan# 516
Delta R.T. -0.02 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	101.1	78.8	118.2
98	44.7	36.8	55.2

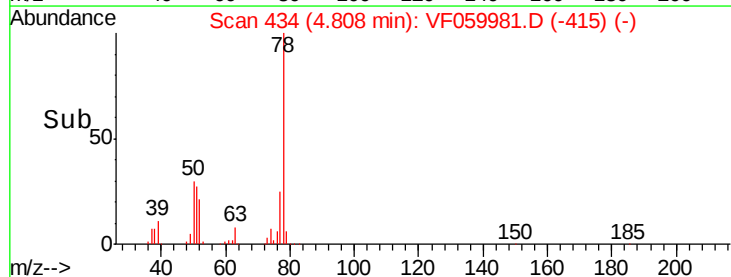
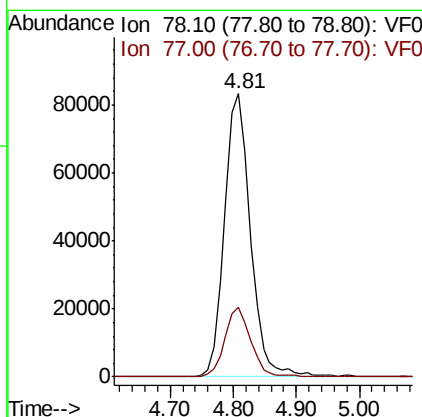
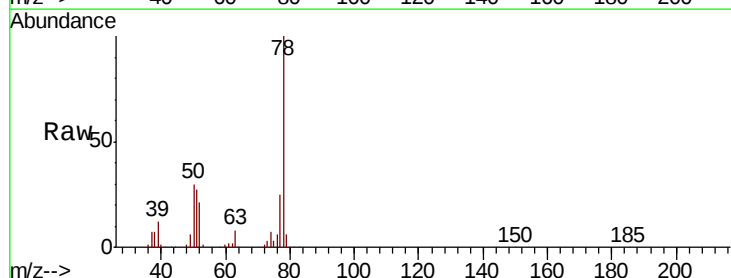
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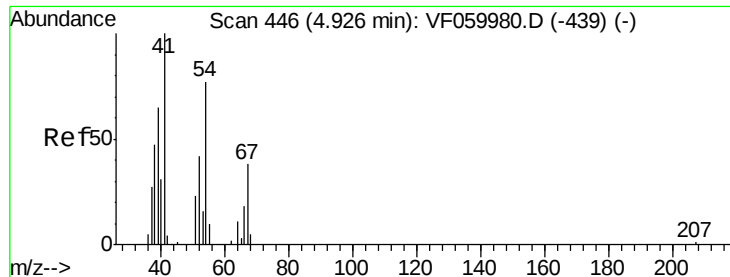
apatel
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#40
Benzene
Concen: 69.46 ug/l
RT: 4.81 min Scan# 434
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.1	28.7





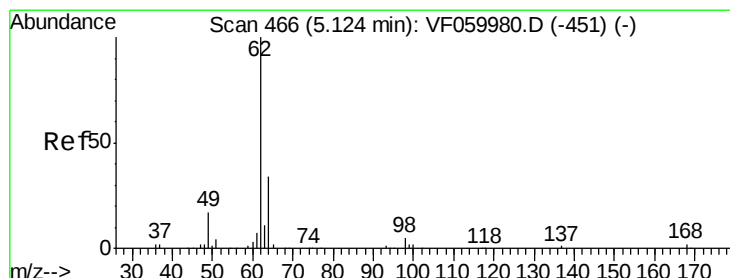
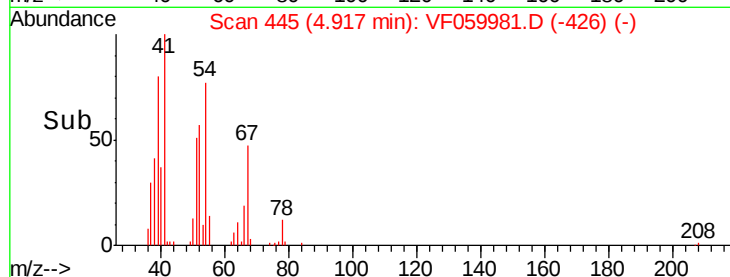
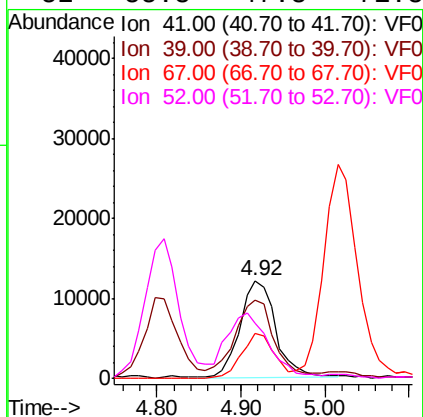
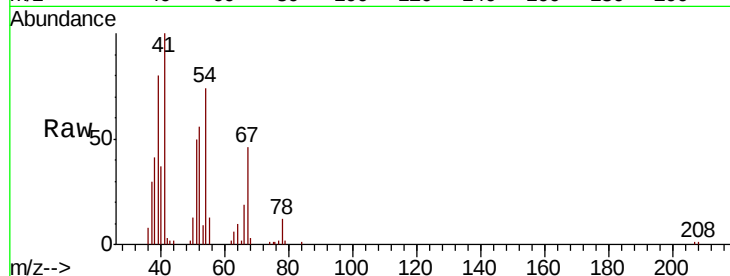
#41
Methacrylonitrile
Concen: 63.84 ug/l
RT: 4.92 min Scan# 445
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
41	100		
39	79.6	62.9	94.3
67	46.0	30.4	45.6
52	55.8	47.8	71.8

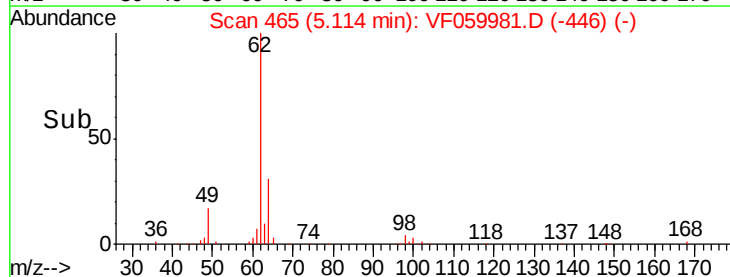
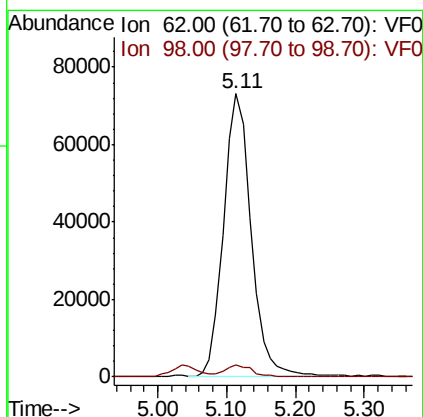
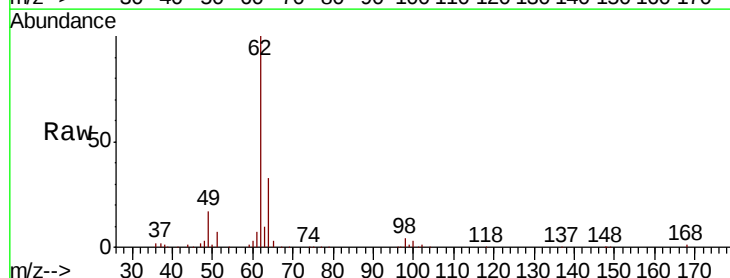
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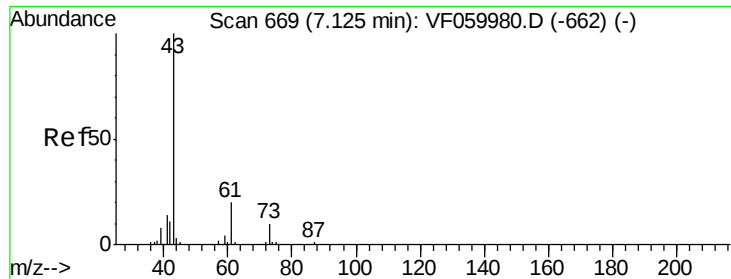
apatel
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#42
1,2-Dichloroethane
Concen: 67.62 ug/l
RT: 5.11 min Scan# 465
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.1	0.0	9.0





#43

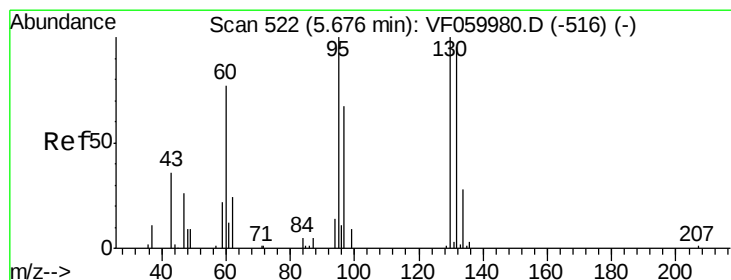
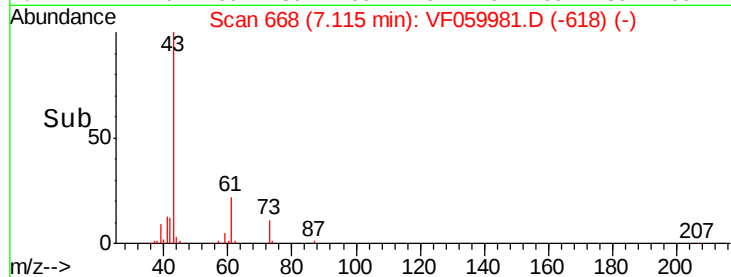
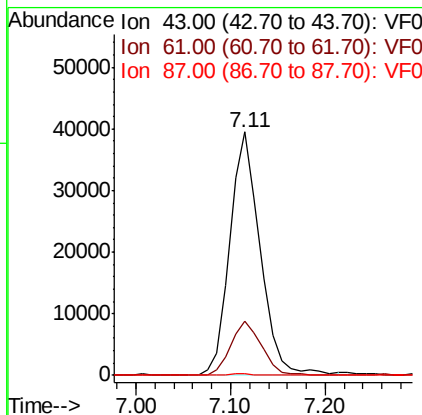
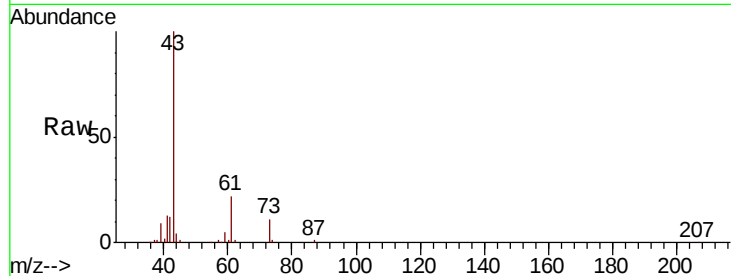
Isopropyl Acetate
 Concen: 67.75 ug/l
 RT: 7.11 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	43	Resp	87842
Ion Ratio	Lower	Upper	
43	100		
61	22.1	15.8	23.8
87	0.6	0.6	0.8

Manual Integrations
 APPROVED

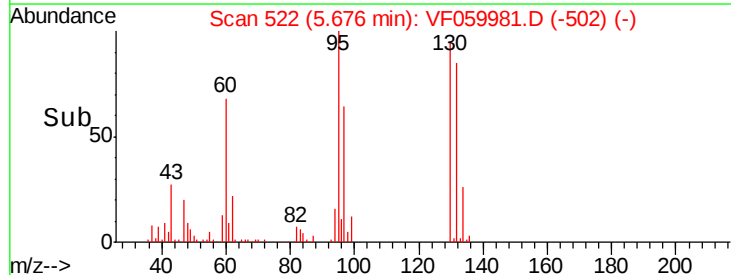
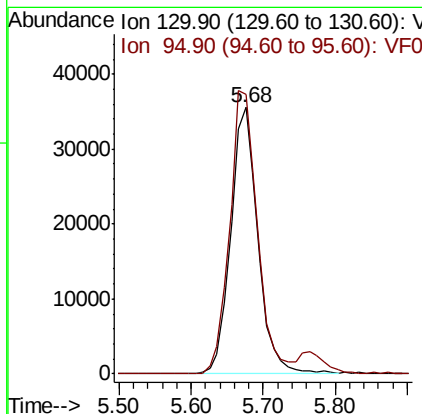
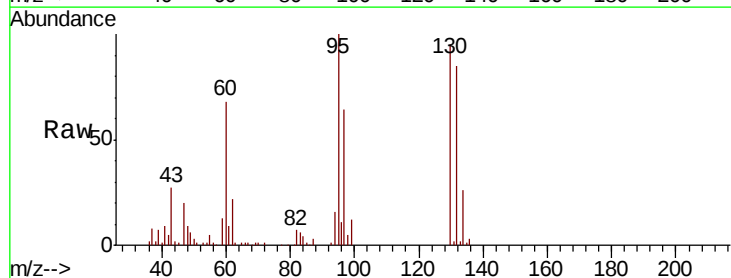
apatel
 8/20/2018 11:48:30 AM

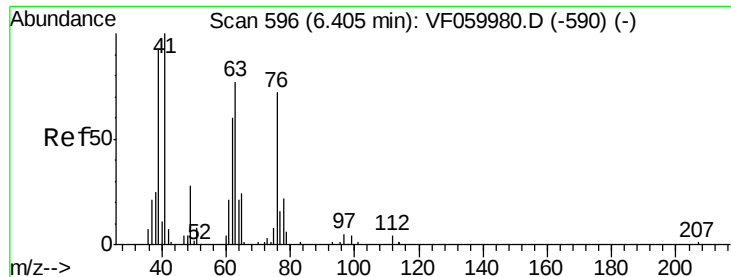


#44

Trichloroethene
 Concen: 69.71 ug/l
 RT: 5.68 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Tgt Ion	130	Resp	93424
Ion Ratio	Lower	Upper	
130	100		
95	104.8	0.0	201.8





#45

1,2-Dichloropropane

Concen: 68.61 ug/l

RT: 6.41 min Scan# 596

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 63 Resp: 67171

Ion Ratio Lower Upper

63 100

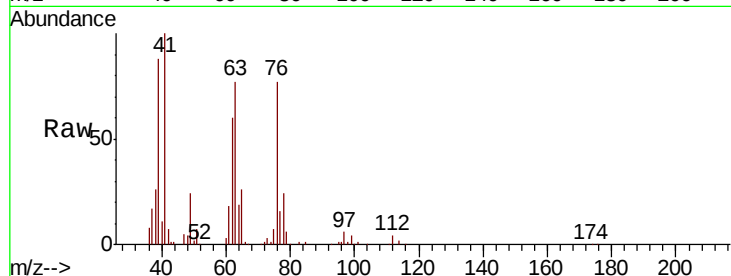
65 34.1 25.0 37.6

Manual Integrations

APPROVED

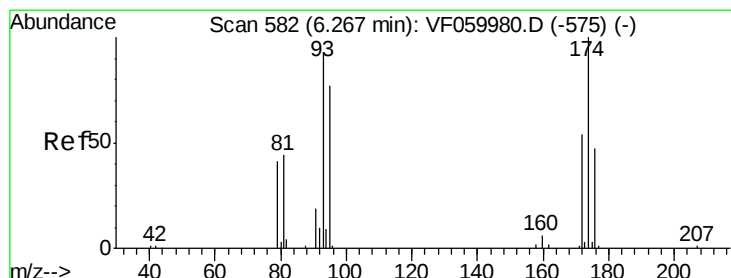
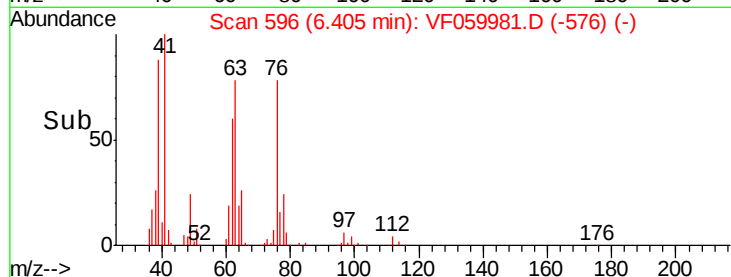
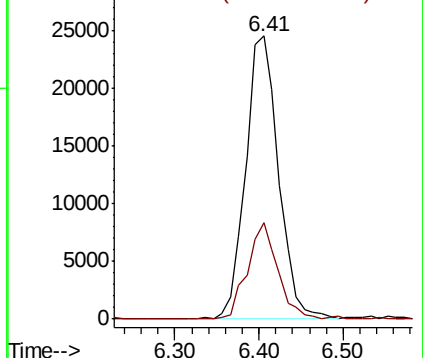
apatel

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Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 68.75 ug/l

RT: 6.26 min Scan# 581

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

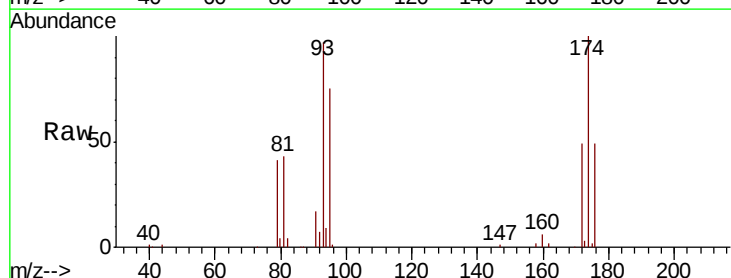
Tgt Ion: 93 Resp: 68266

Ion Ratio Lower Upper

93 100

95 77.5 67.0 100.4

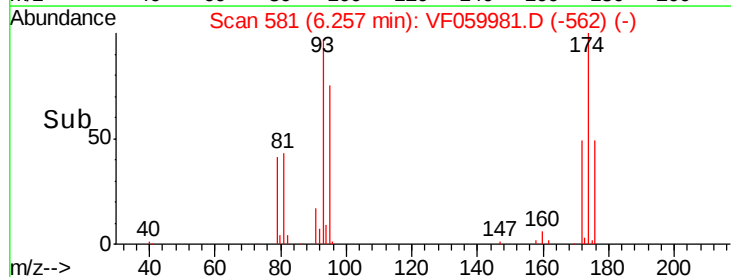
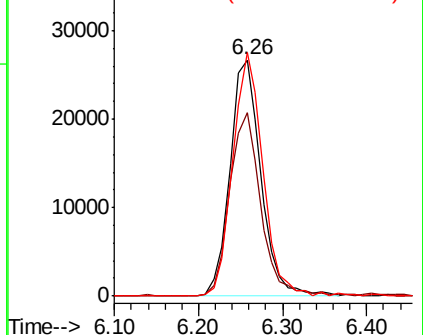
174 103.0 85.7 128.5

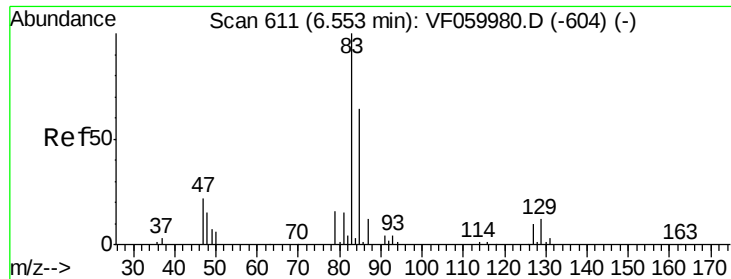


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 72.03 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

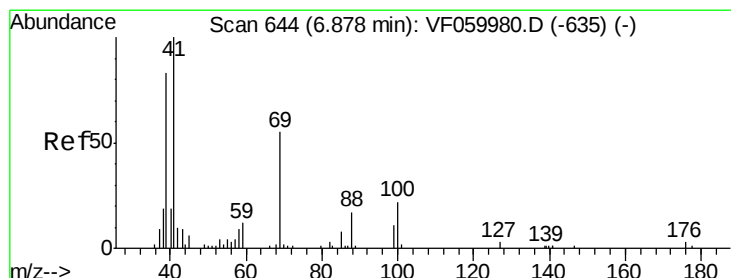
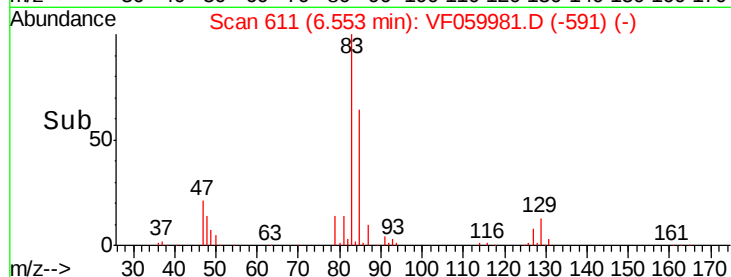
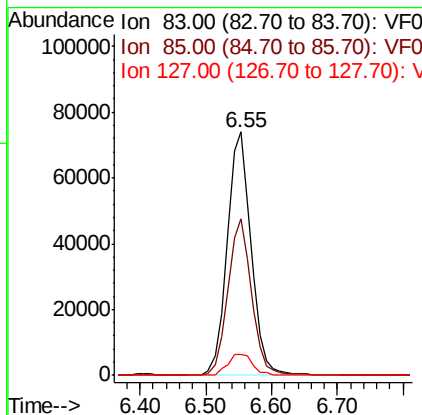
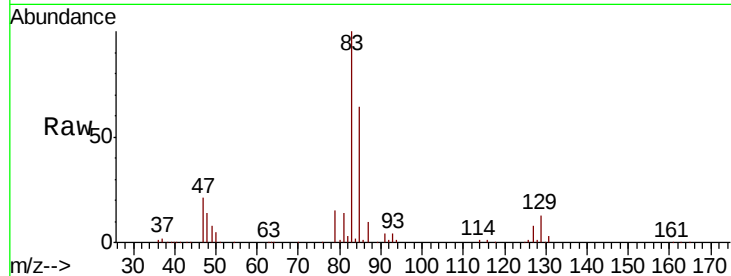
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	188872
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.4	77.0
127	8.4	8.2	12.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 71.30 ug/l

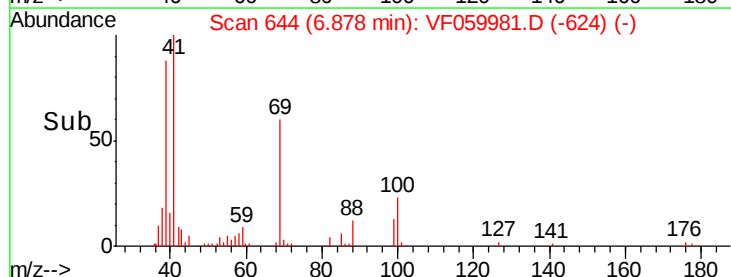
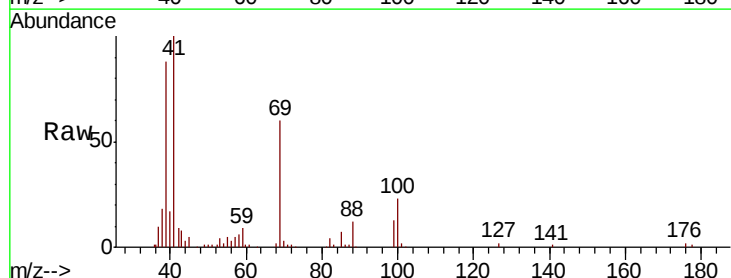
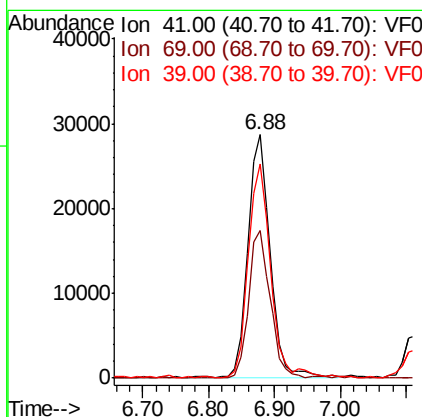
RT: 6.88 min Scan# 644

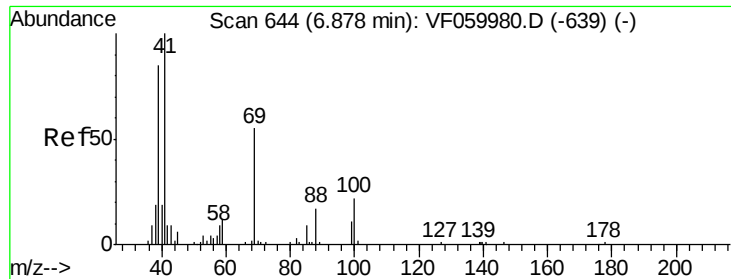
Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion:	41	Resp:	68907
Ion Ratio	Lower	Upper	
41	100		
69	60.4	44.4	66.6
39	88.0	67.8	101.6





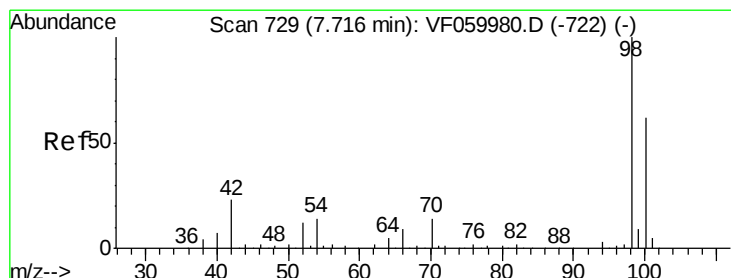
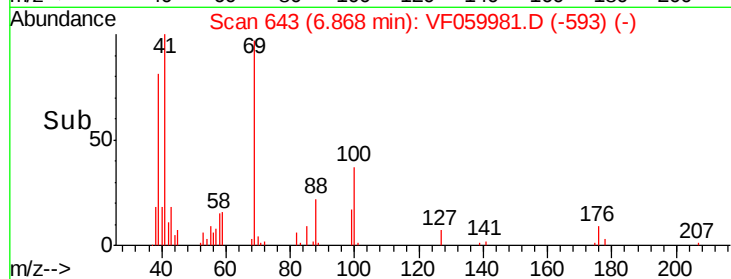
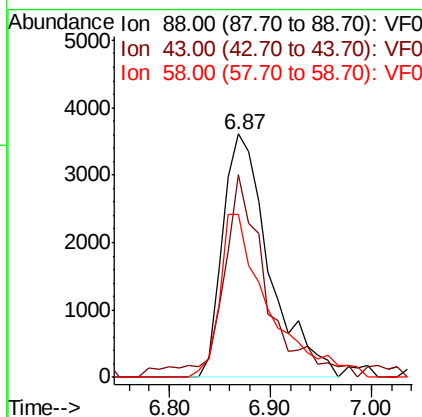
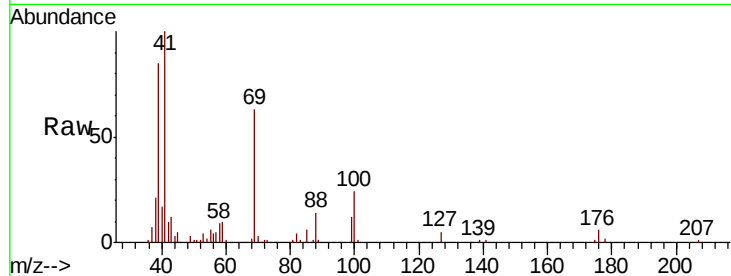
#49
1,4-Dioxane
Concen: 1506.26 ug/l
RT: 6.87 min Scan# 643
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	83.3	43.2	64.8#	
58	66.7	42.0	63.0#	

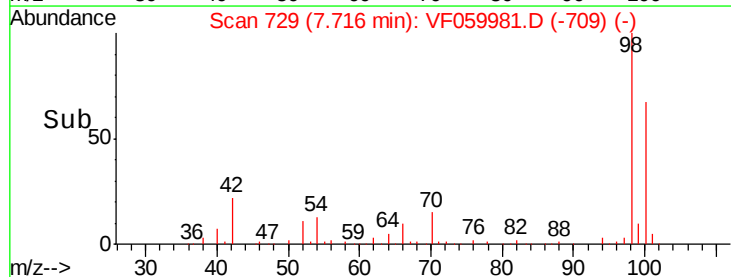
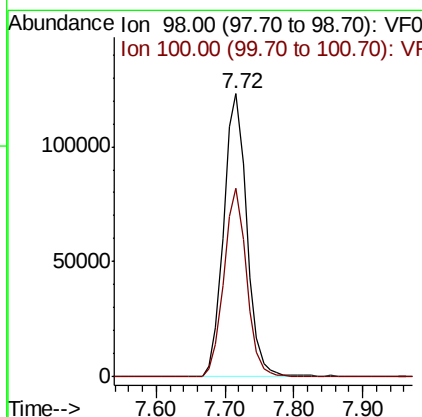
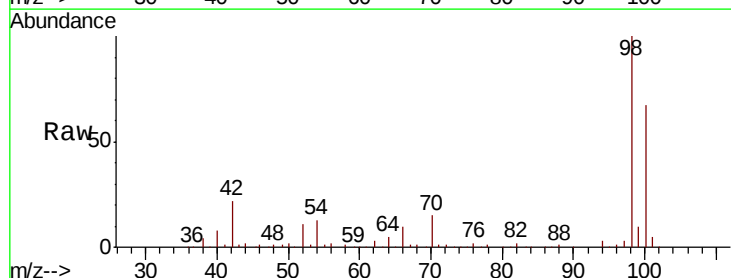
Manual Integrations
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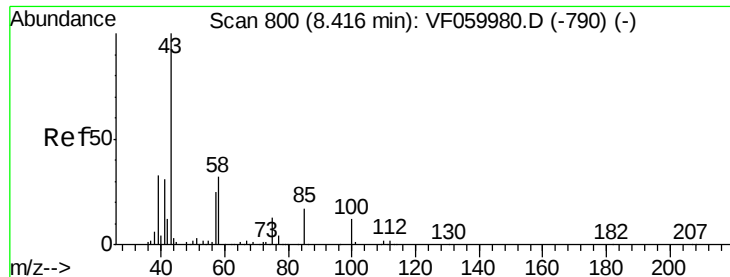
apatel
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#50
Toluene-d8
Concen: 71.30 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.7	49.8	74.8	





#51

4-Methyl-2-Pentanone

Concen: 322.73 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 390763

Ion Ratio Lower Upper

43 100

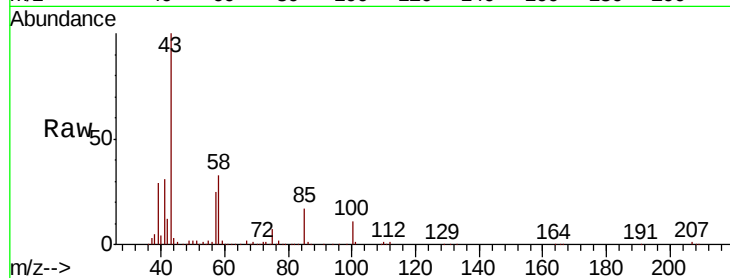
58 33.3 25.6 38.4

Manual Integrations

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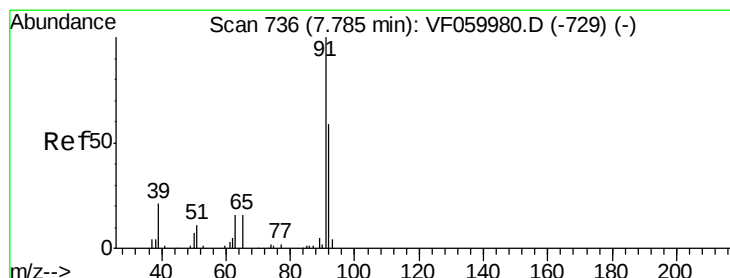
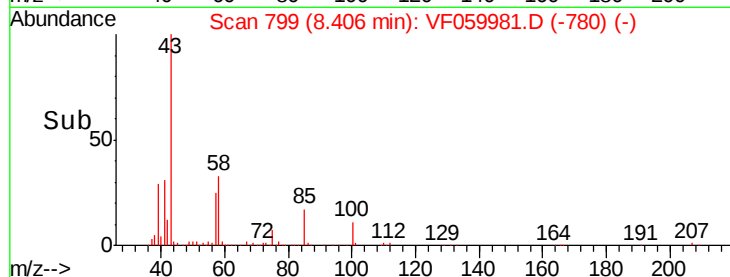
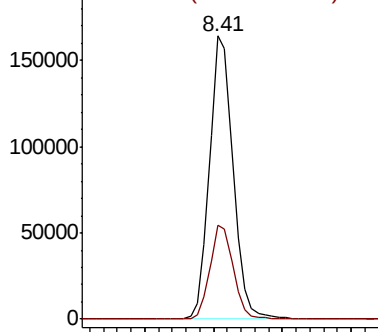
apatel

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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: 65.70 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF059981.D

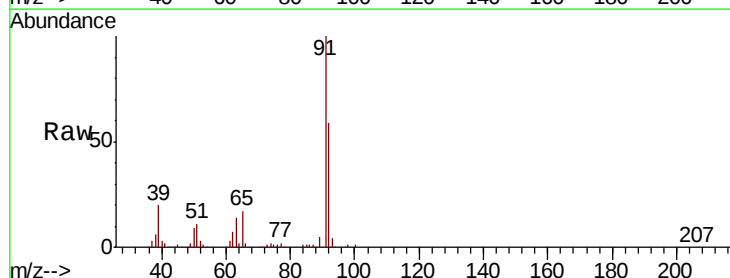
Acq: 17 Aug 2018 18:59

Tgt Ion: 92 Resp: 169845

Ion Ratio Lower Upper

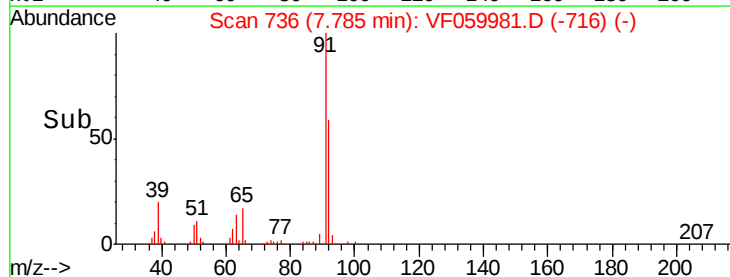
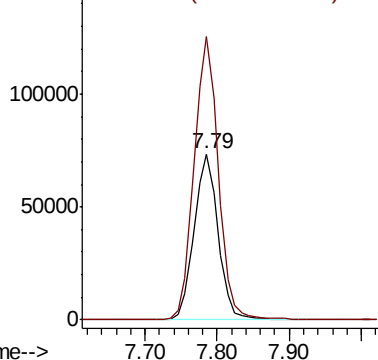
92 100

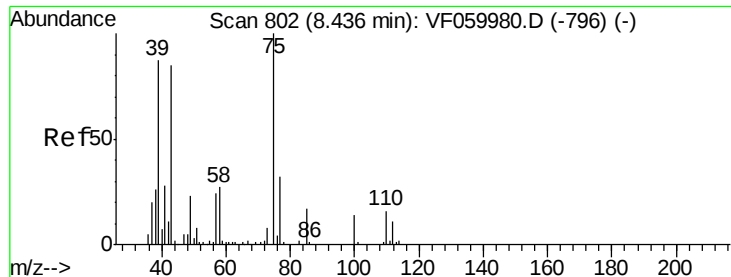
91 170.4 136.5 204.7



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: 67.22 ug/l

RT: 8.44 min Scan# 802

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 75 Resp: 149658

Ion Ratio Lower Upper

75 100

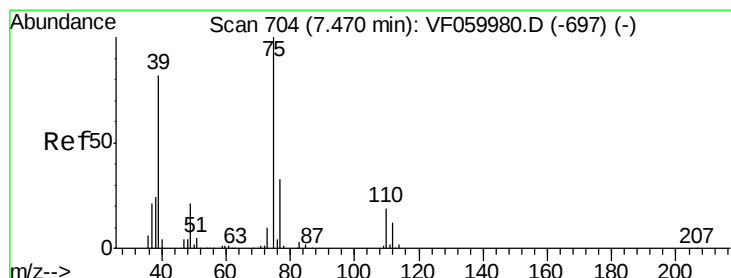
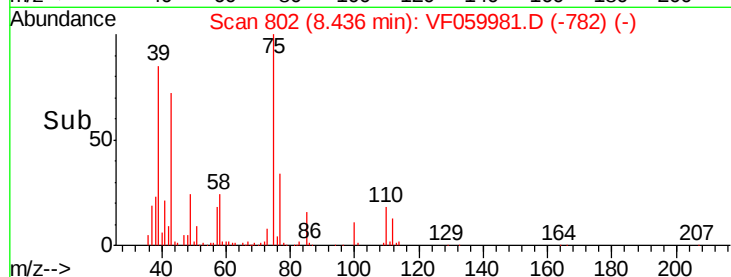
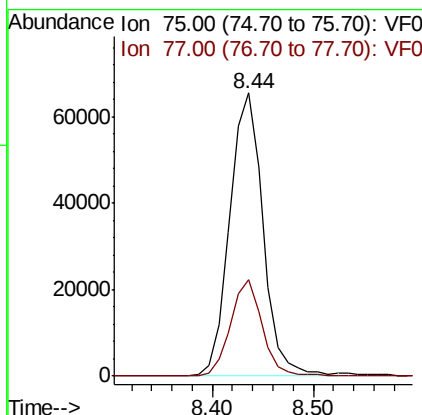
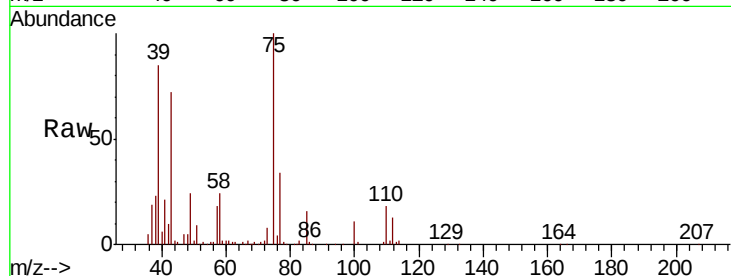
77 34.1 25.8 38.6

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#54

cis-1,3-Dichloropropene

Concen: 72.56 ug/l

RT: 7.46 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

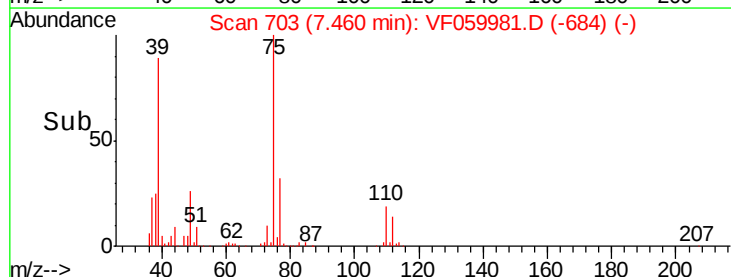
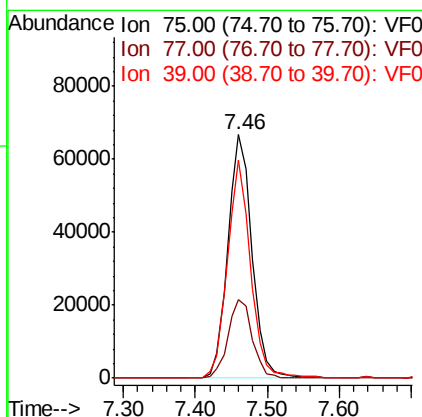
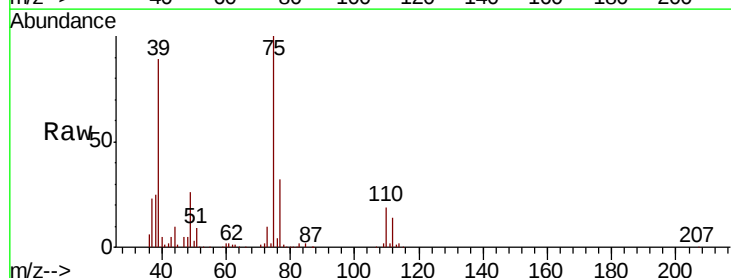
Tgt Ion: 75 Resp: 155738

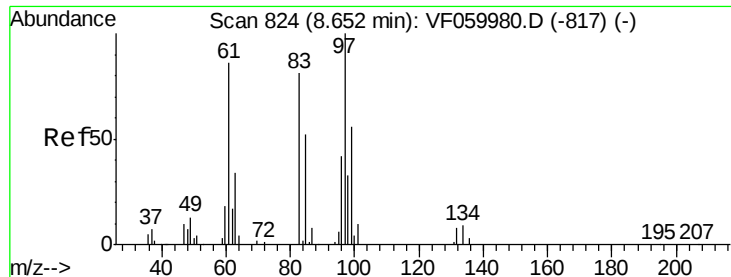
Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0

39 89.4 65.3 97.9





#55

1,1,2-Trichloroethane

Concen: 69.61 ug/l

RT: 8.64 min Scan# 823

Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

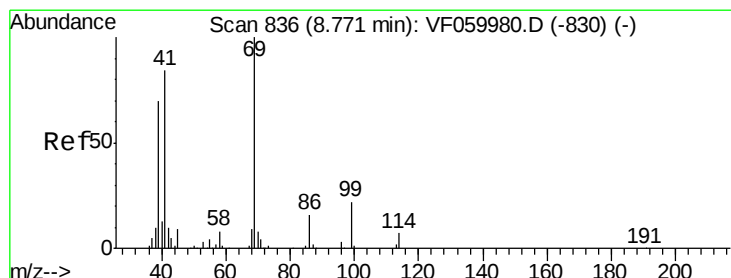
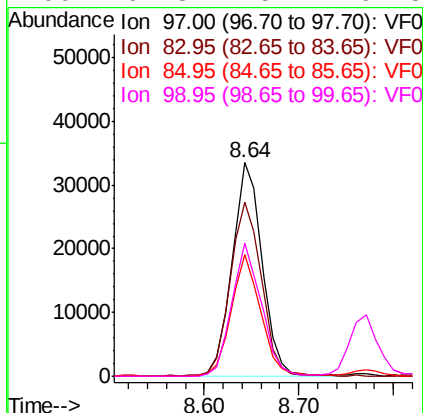
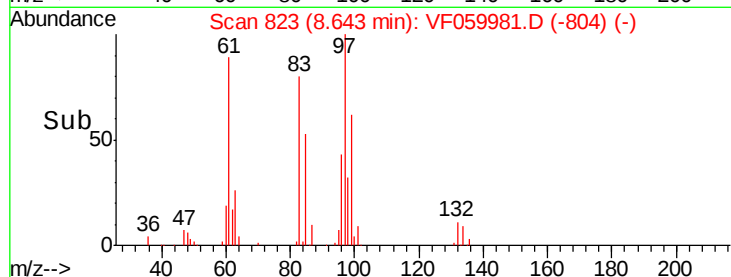
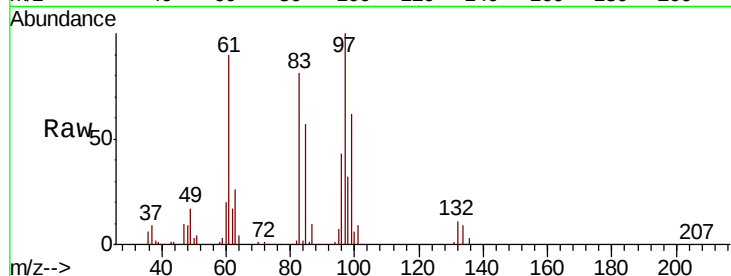
ClientSampleId :

VSTDIC075

Tot Ion:	97	Resp:	73775
Ion	Ratio	Lower	Upper
97	100		
83	81.5	64.9	97.3
85	57.0	41.8	62.6
99	62.3	45.2	67.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 71.86 ug/l

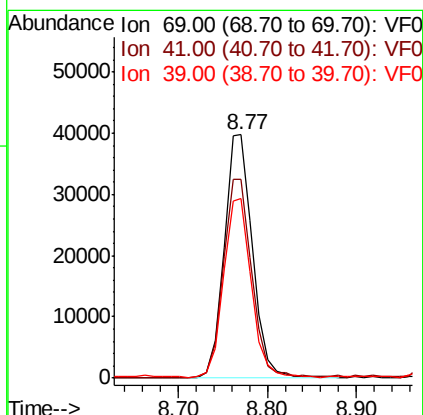
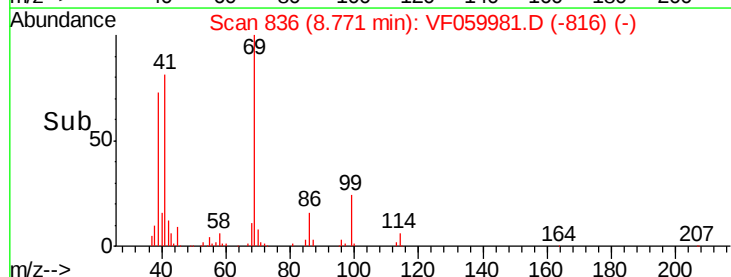
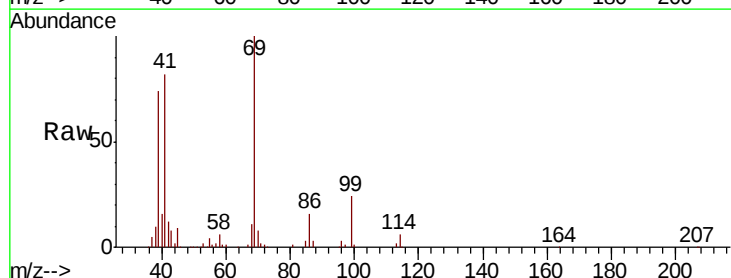
RT: 8.77 min Scan# 836

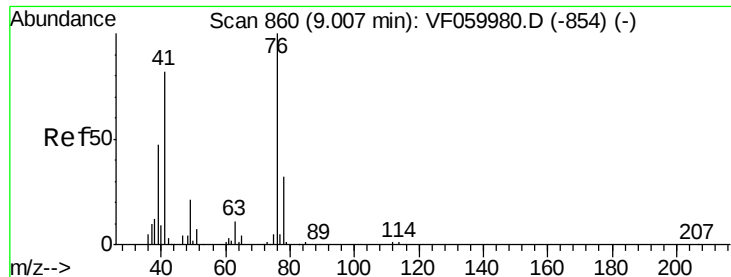
Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion:	69	Resp:	88751
Ion	Ratio	Lower	Upper
69	100		
41	81.9	67.8	101.6
39	73.9	55.8	83.6





#57

1,3-Dichloropropane

Concen: 68.28 ug/l

RT: 9.01 min Scan# 860

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 128542

Ion Ratio Lower Upper

76 100

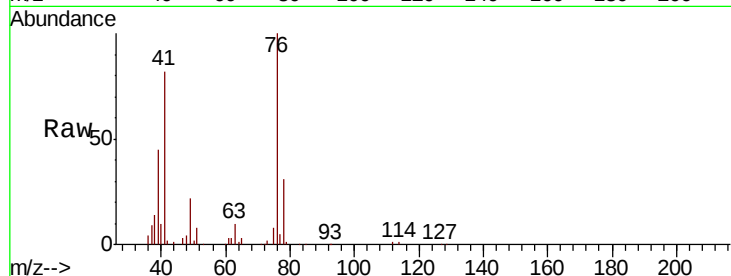
78 31.4 25.3 37.9

Manual Integrations

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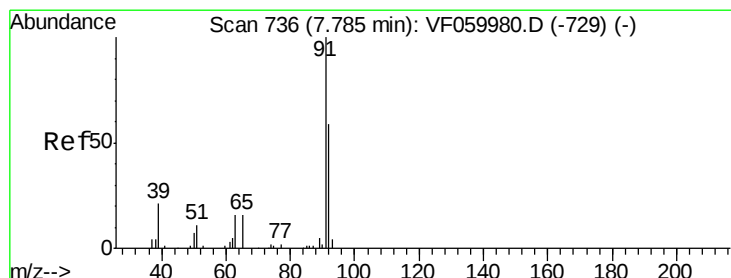
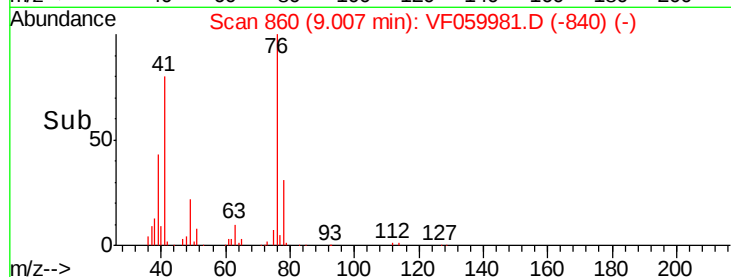
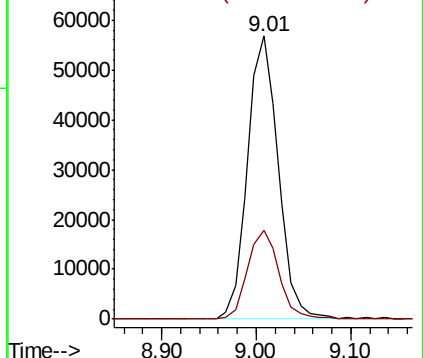
apatel

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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 383.55 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF059981.D

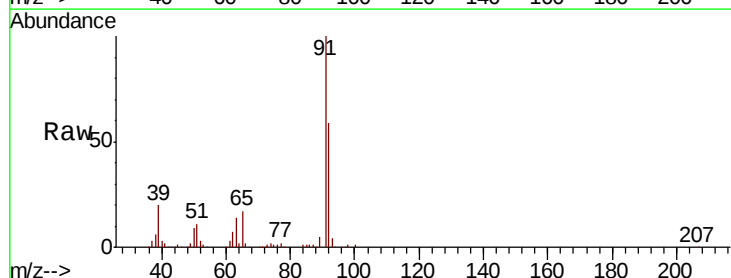
Acq: 17 Aug 2018 18:59

Tgt Ion: 63 Resp: 38938

Ion Ratio Lower Upper

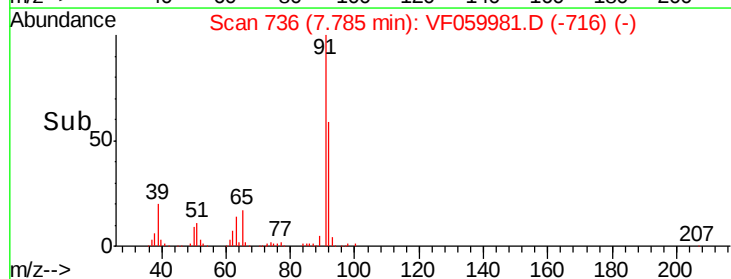
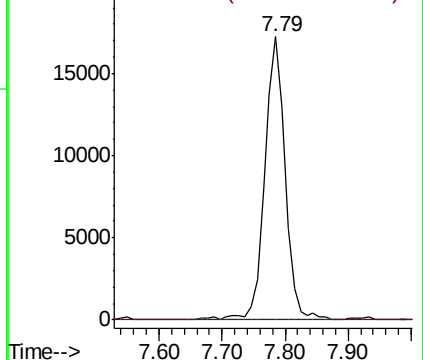
63 100

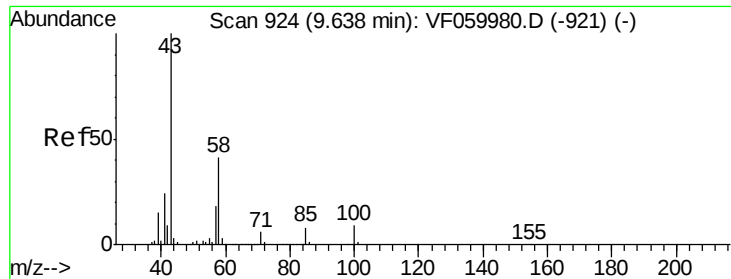
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V





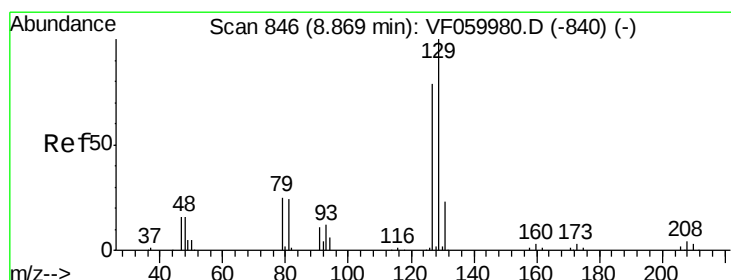
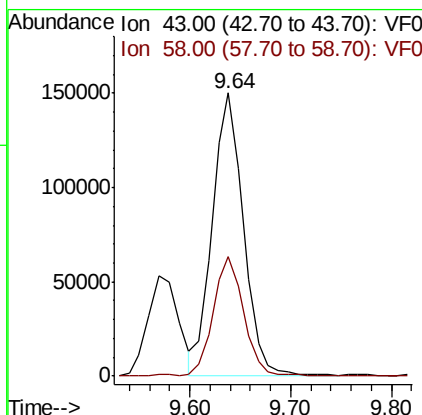
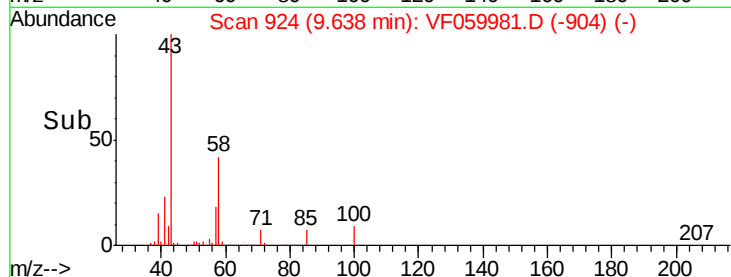
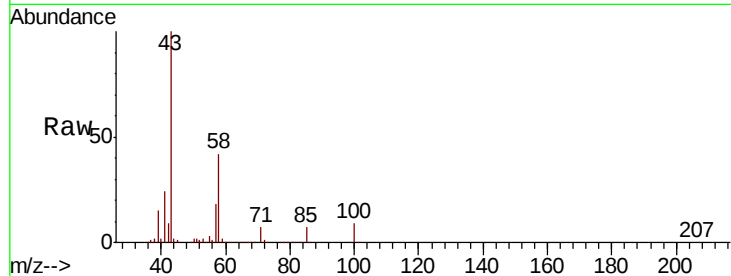
#59
2-Hexanone
Concen: 318.16 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.4	20.1	60.3

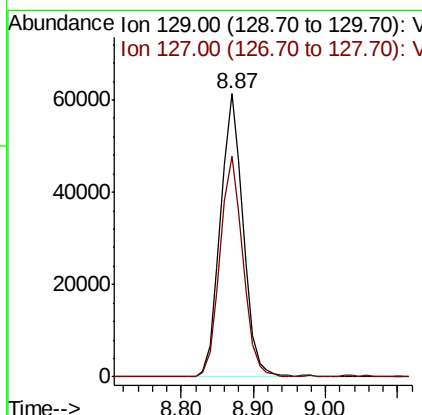
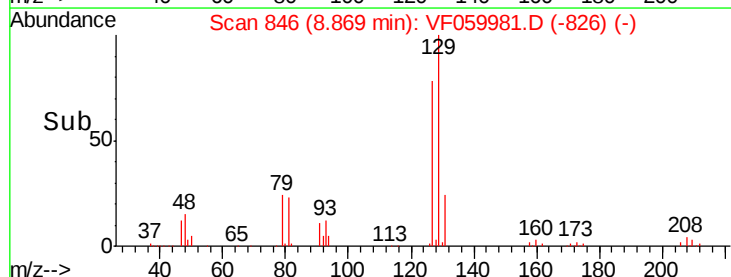
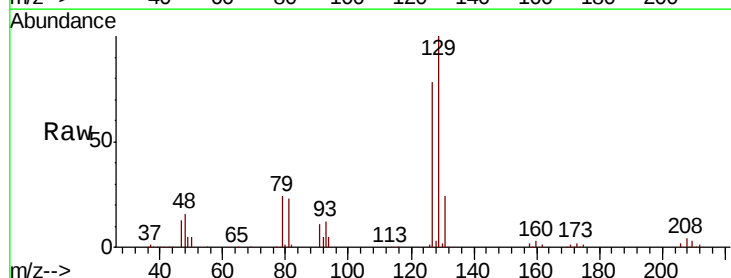
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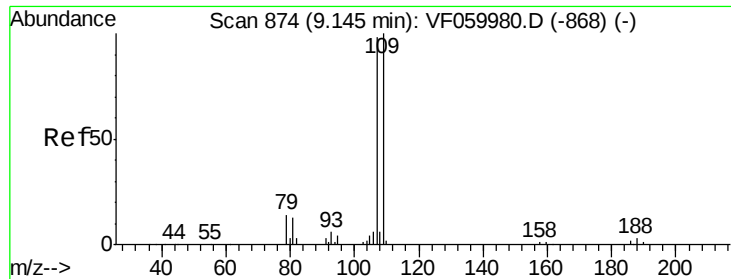
apatel
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#60
Dibromochloromethane
Concen: 69.94 ug/l
RT: 8.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.5	118.5





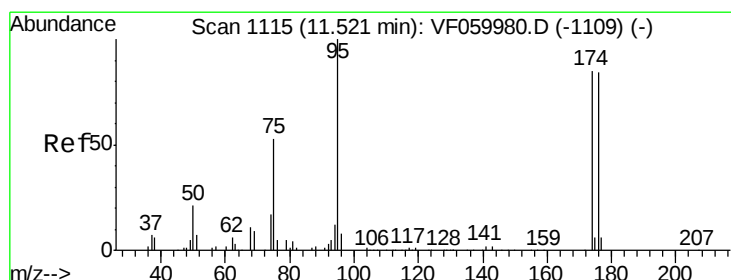
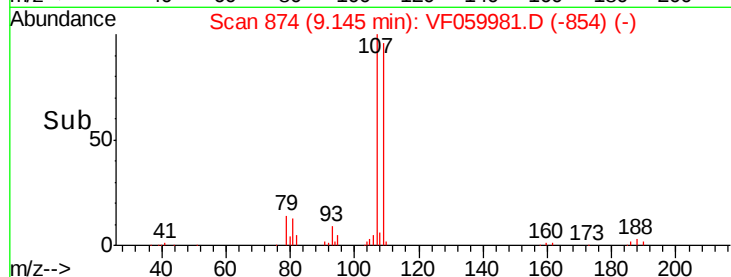
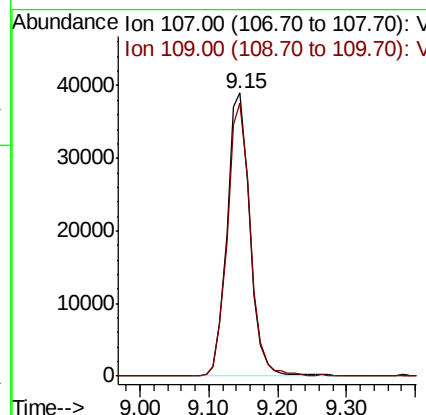
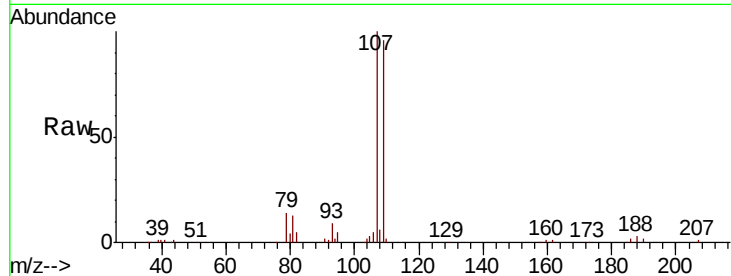
#61
 1,2-Dibromoethane
 Concen: 66.83 ug/l
 RT: 9.15 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.4	81.7	122.5

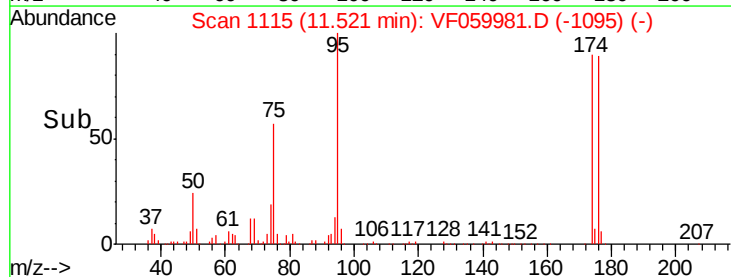
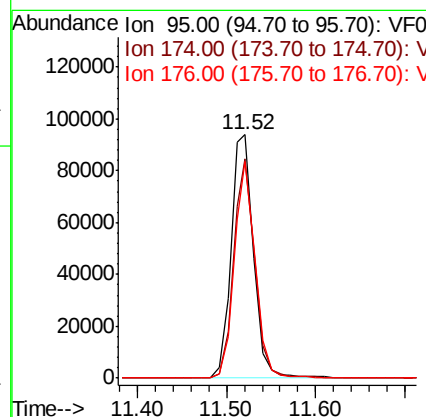
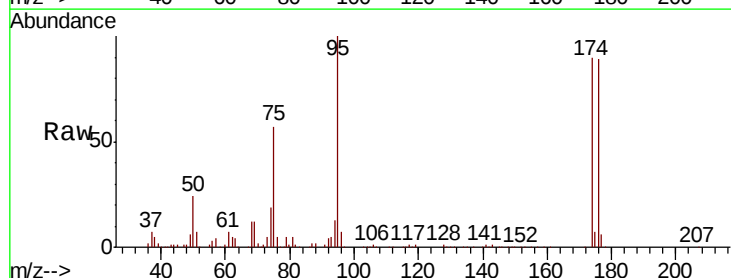
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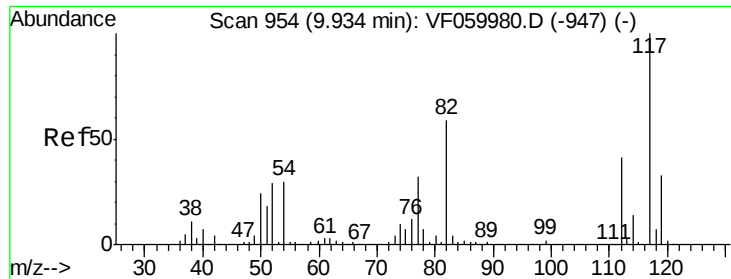
apatel
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#62
 4-Bromofluorobenzene
 Concen: 67.98 ug/l
 RT: 11.52 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	169.8
176	89.3	0.0	167.8





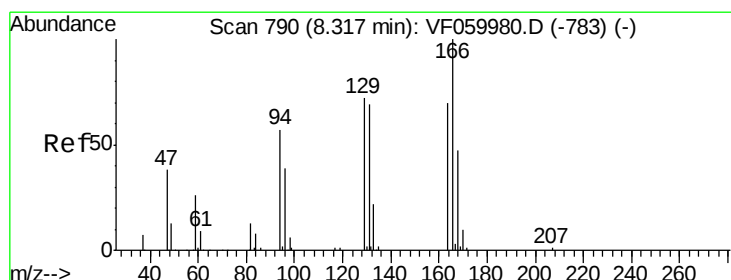
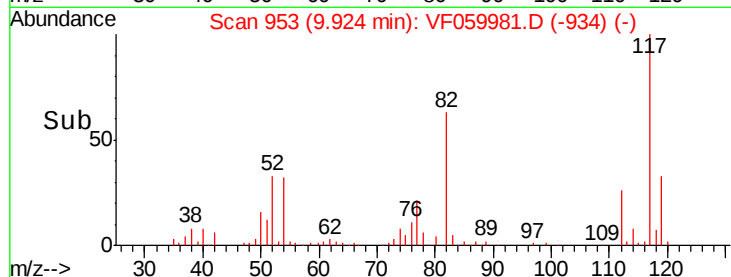
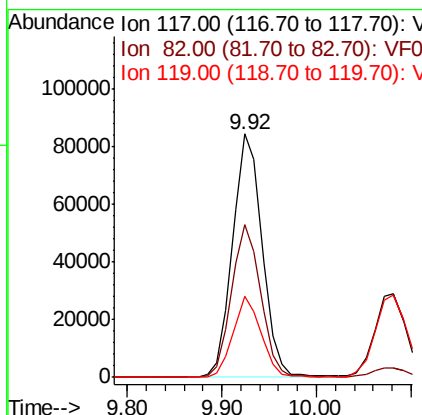
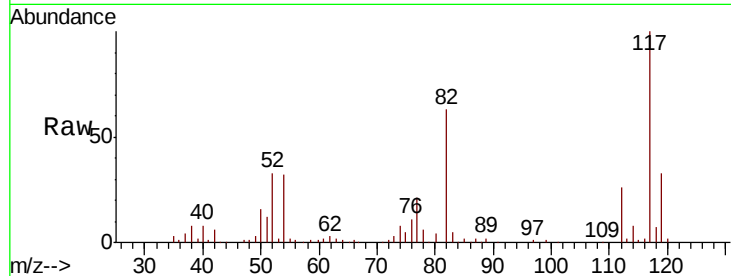
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.6	47.2	70.8
119	33.2	26.1	39.1

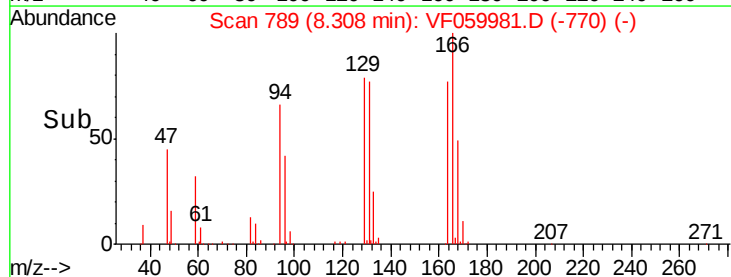
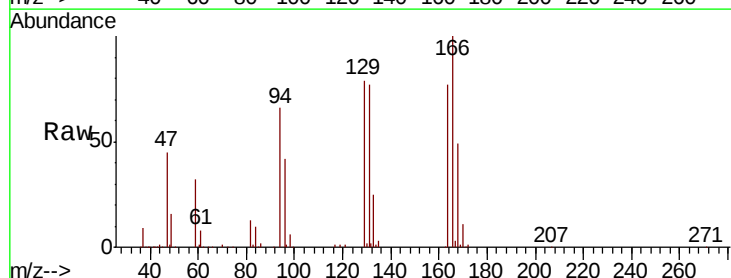
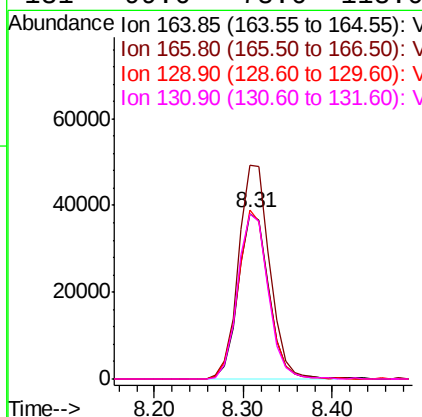
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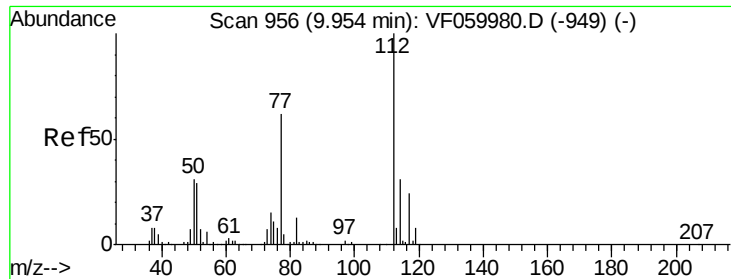
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#64
Tetrachloroethene
Concen: 66.07 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.01 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	114.5	171.7
129	102.2	82.3	123.5
131	99.6	78.6	118.0





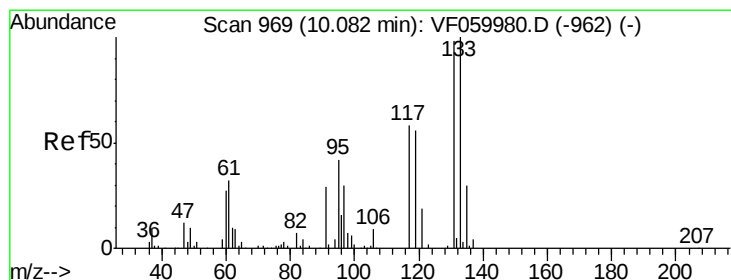
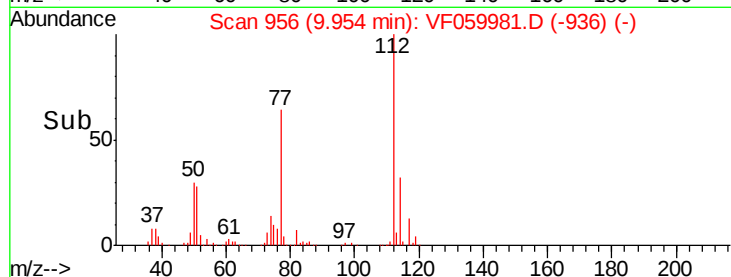
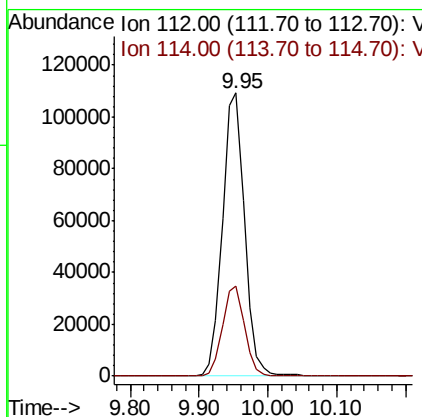
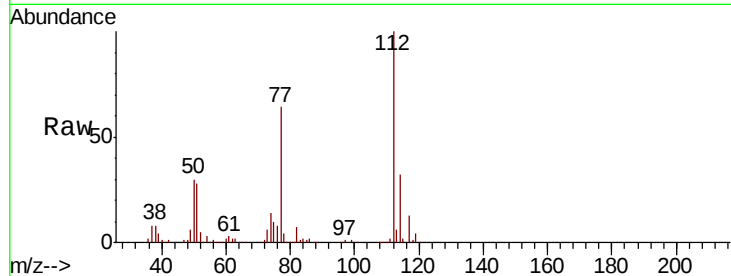
#65
Chlorobenzene
Concen: 68.44 ug/l
RT: 9.95 min Scan# 956
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
112	100	244602		
114	31.9	25.0	37.4	

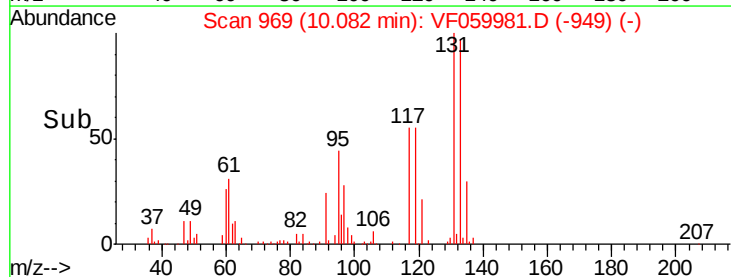
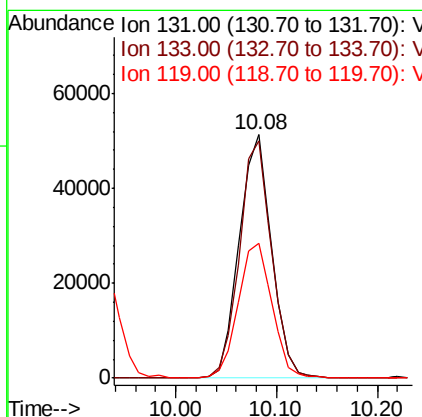
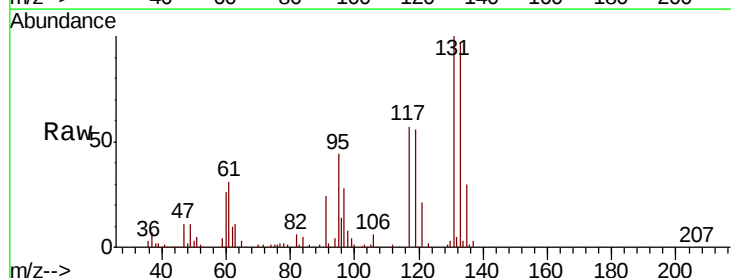
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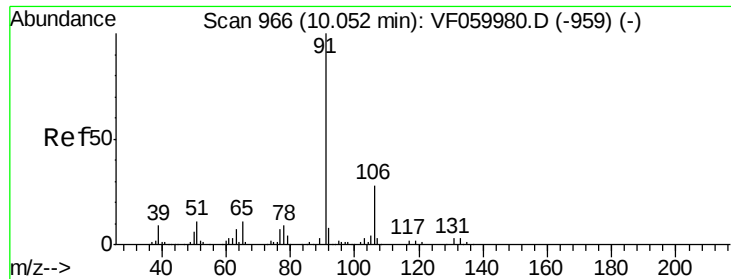
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#66
1,1,1,2-Tetrachloroethane
Concen: 69.76 ug/l
RT: 10.08 min Scan# 969
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	114579		
133	97.3	51.1	153.3	
119	55.6	29.0	87.1	





#67

Ethyl Benzene

Concen: 70.64 ug/l

RT: 10.05 min Scan# 966

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 91 Resp: 453189

Ion Ratio Lower Upper

91 100

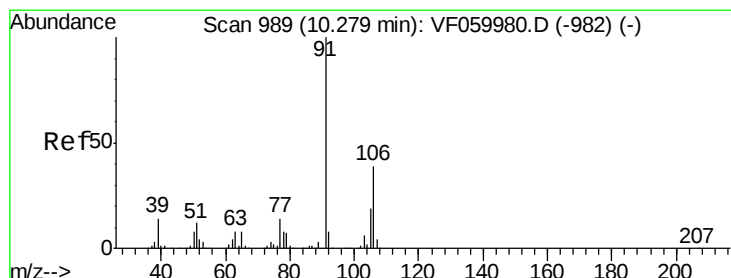
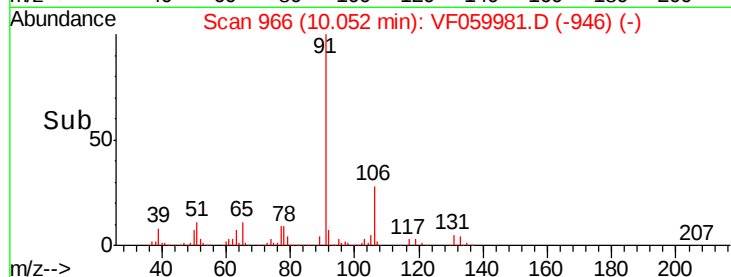
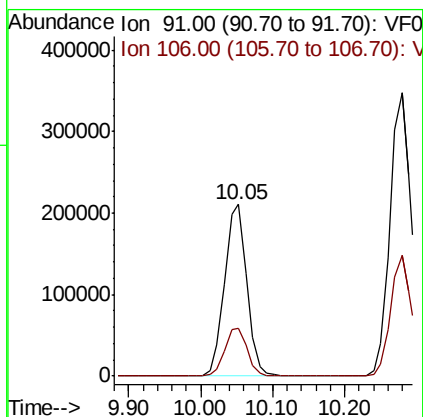
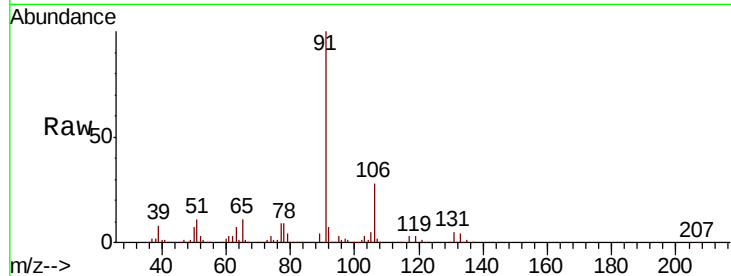
106 27.8 22.0 33.0

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#68

m/p-Xylenes

Concen: 136.74 ug/l

RT: 10.28 min Scan# 989

Delta R.T. 0.00 min

Lab File: VF059981.D

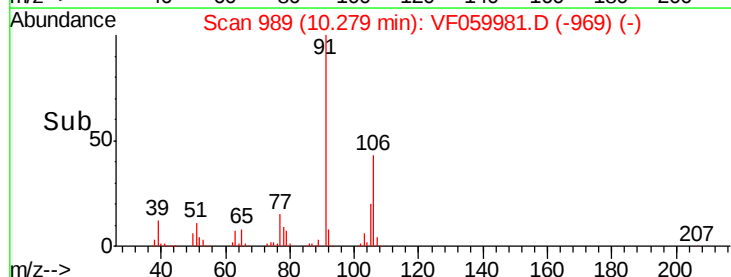
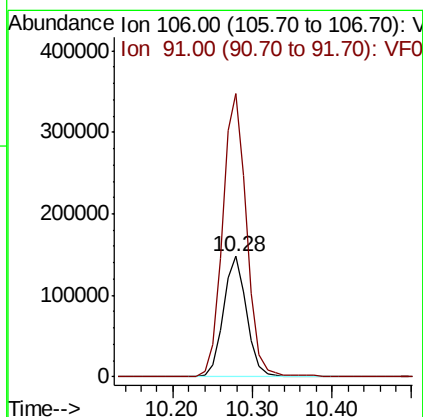
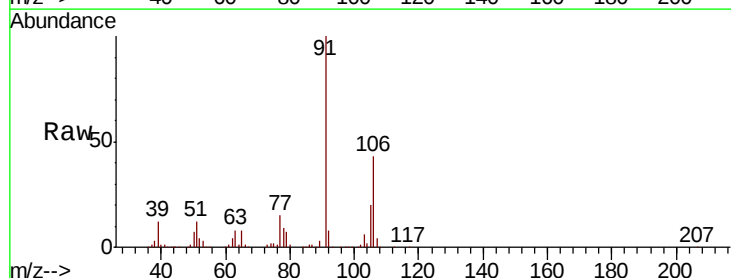
Acq: 17 Aug 2018 18:59

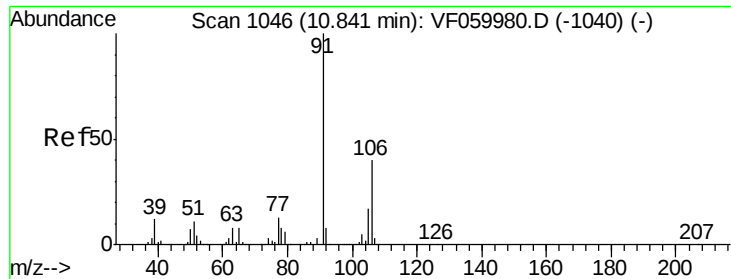
Tgt Ion: 106 Resp: 305291

Ion Ratio Lower Upper

106 100

91 235.3 203.5 305.3





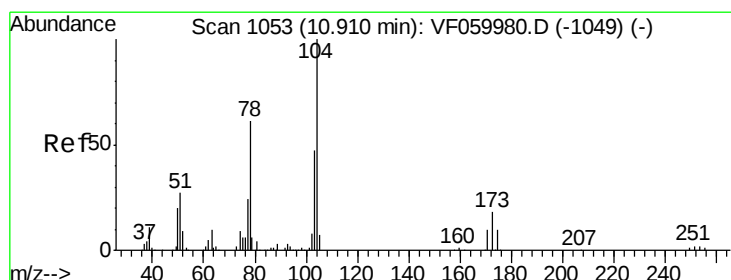
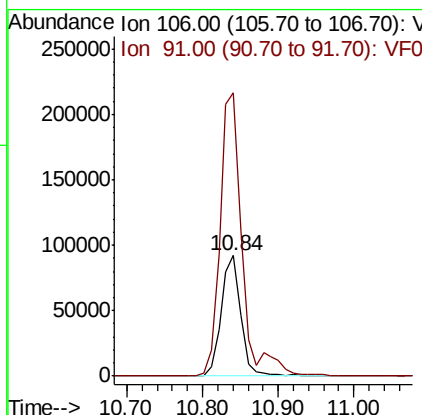
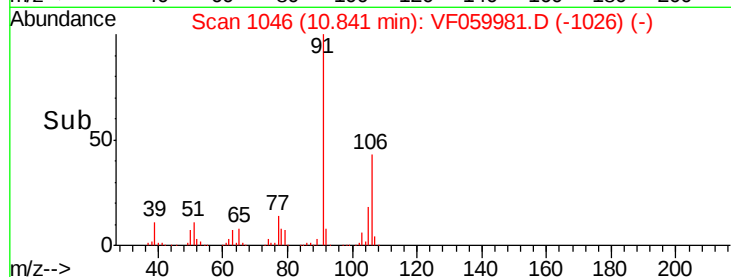
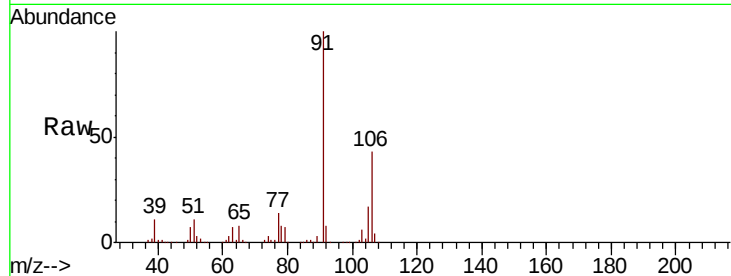
#69
o-Xylene
Concen: 72.73 ug/l
RT: 10.84 min Scan# 1046
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleID :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
106	100		
91	234.4	125.4	376.2

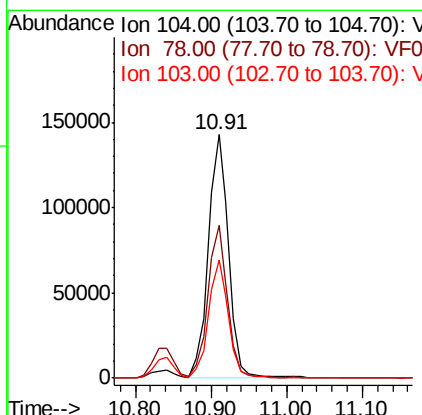
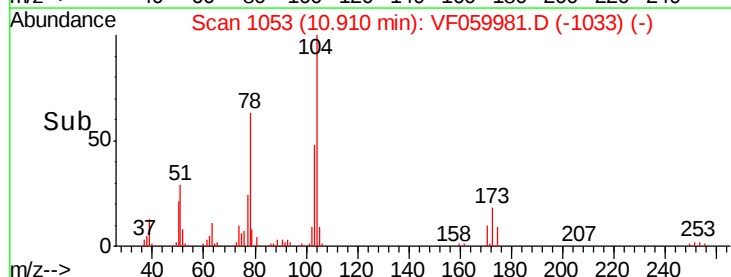
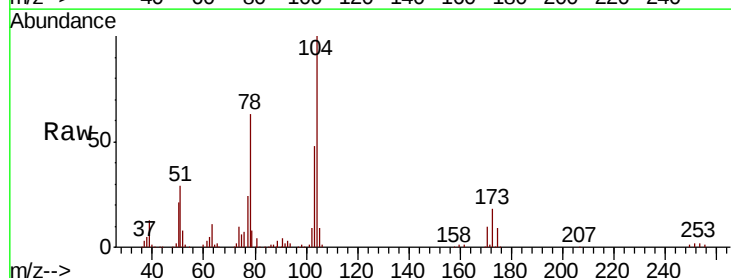
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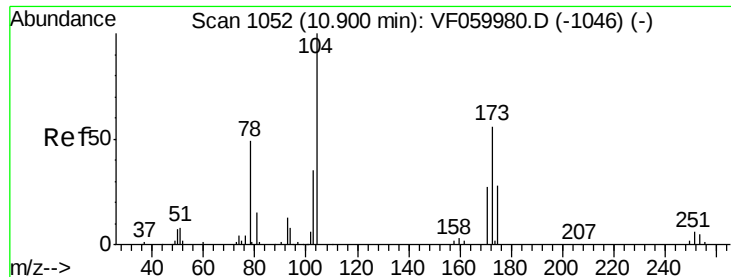
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#70
Styrene
Concen: 73.12 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	62.7	49.0	73.6
103	48.3	38.2	57.4





#71

Bromoform

Concen: 71.89 ug/l

RT: 10.90 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

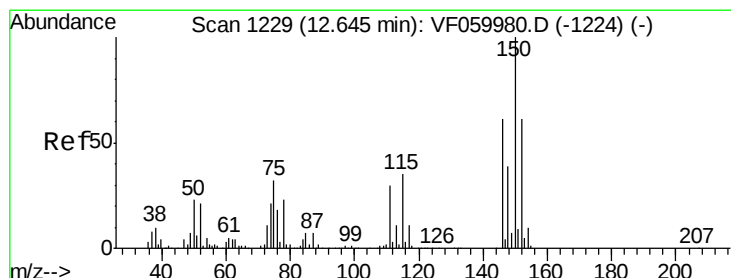
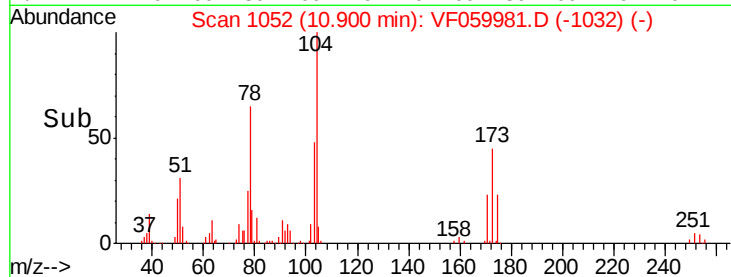
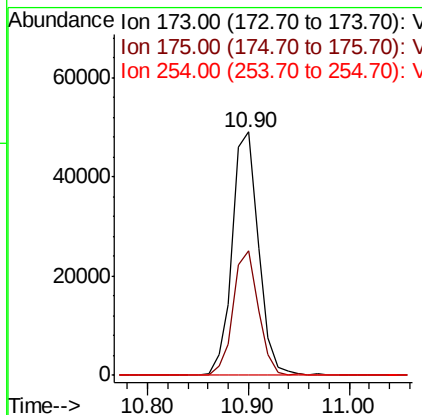
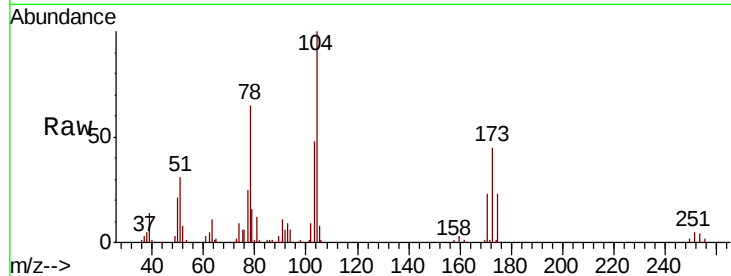
ClientSampleId :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.2	24.8	74.3
254	0.2	0.0	0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

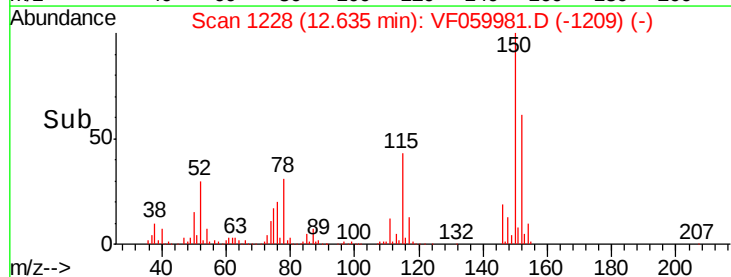
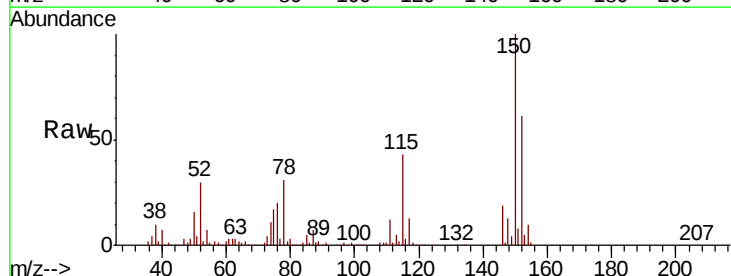
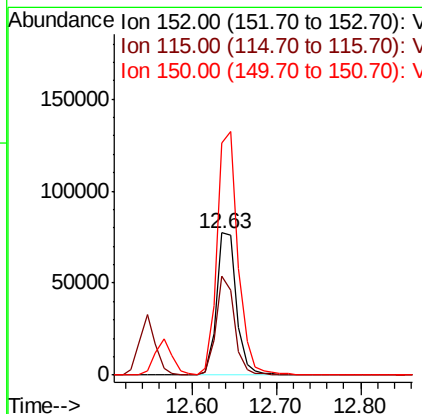
RT: 12.63 min Scan# 1228

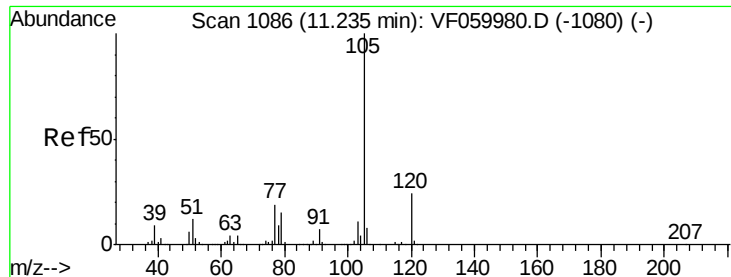
Delta R.T. -0.01 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.7	29.1	87.3
150	163.5	0.0	330.2





#73

Isopropylbenzene

Concen: 69.62 ug/l

RT: 11.24 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 526367

Ion Ratio Lower Upper

105 100

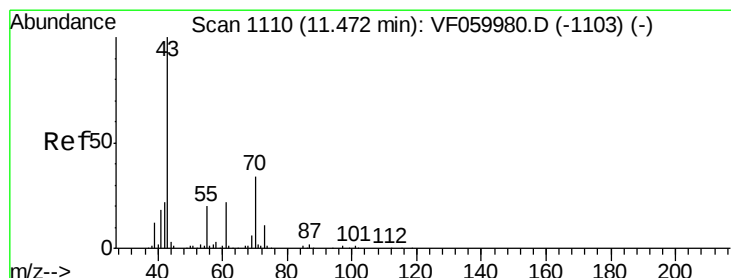
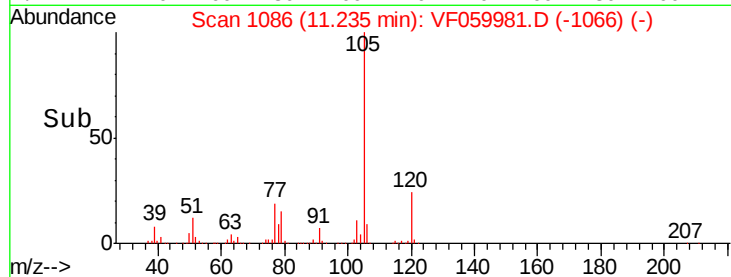
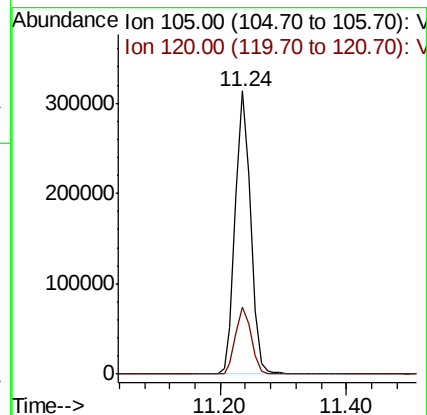
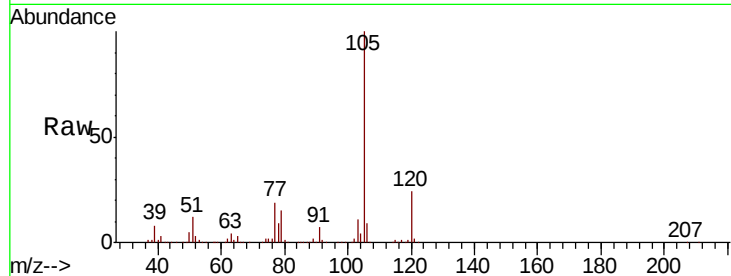
120 23.8 11.9 35.5

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#74

N-ethyl acetate

Concen: 71.85 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion: 43 Resp: 160662

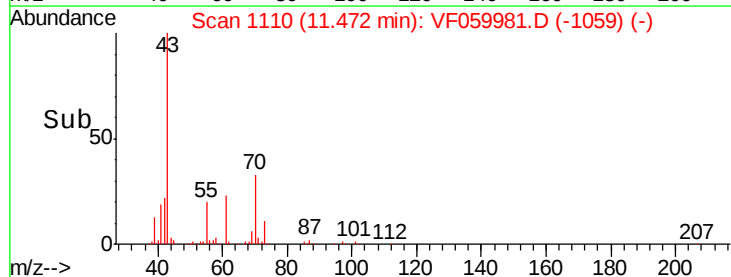
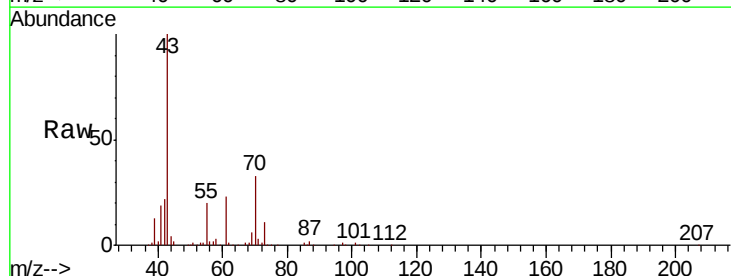
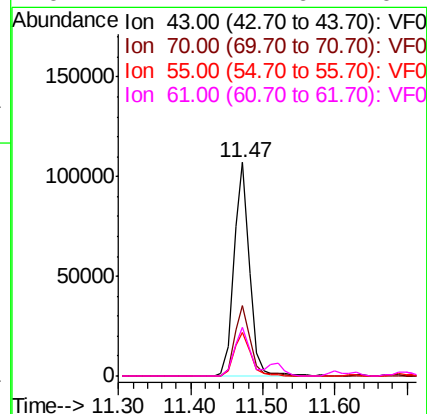
Ion Ratio Lower Upper

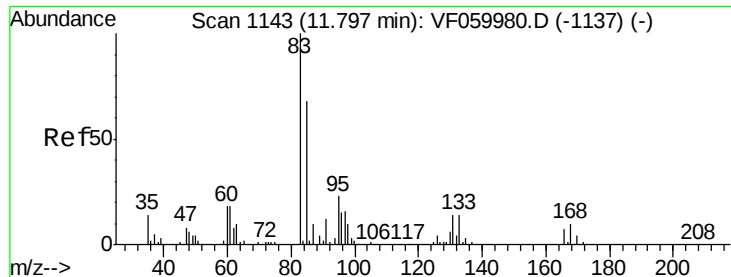
43 100

70 33.2 27.2 40.8

55 20.2 16.4 24.6

61 22.7 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 66.42 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

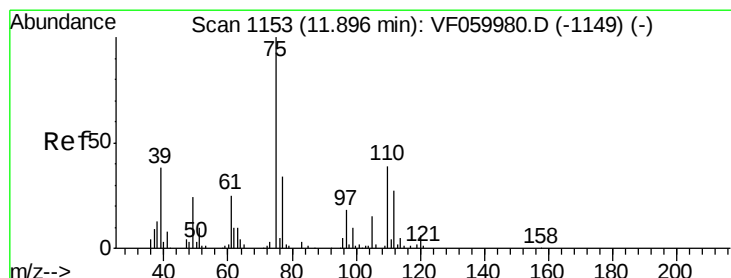
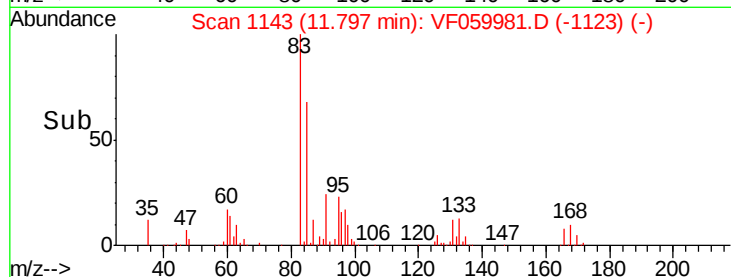
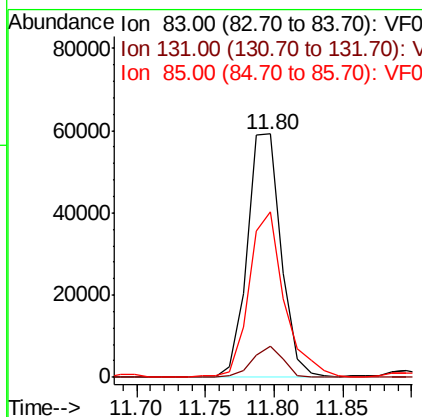
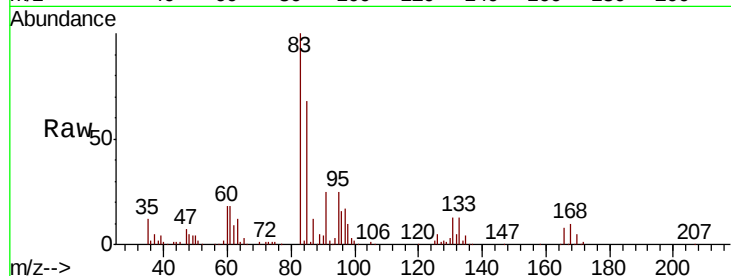
ClientSampleId :

VSTDIC075

Tot Ion	83	Resp	102427
Ion	Ratio	Lower	Upper
83	100		
131	13.0	7.2	21.6
85	67.8	34.1	102.2

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#76

1,2,3-Trichloropropane

Concen: 65.97 ug/l

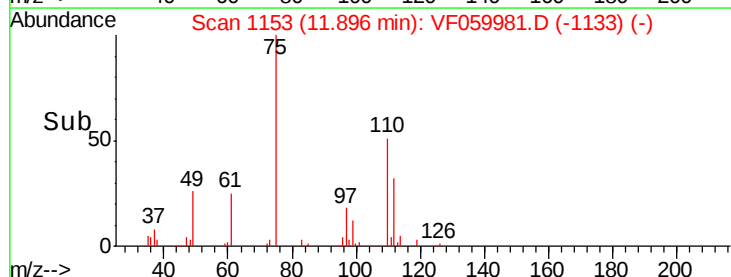
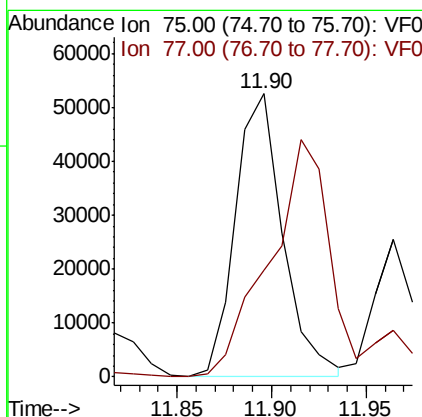
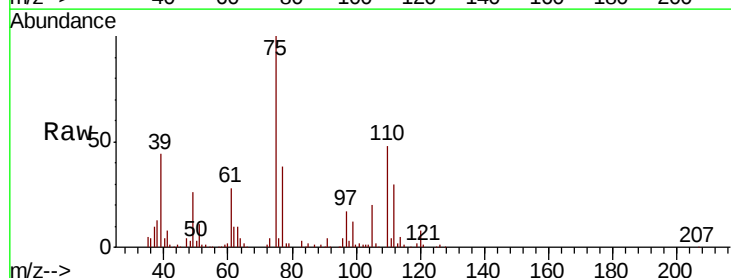
RT: 11.90 min Scan# 1153

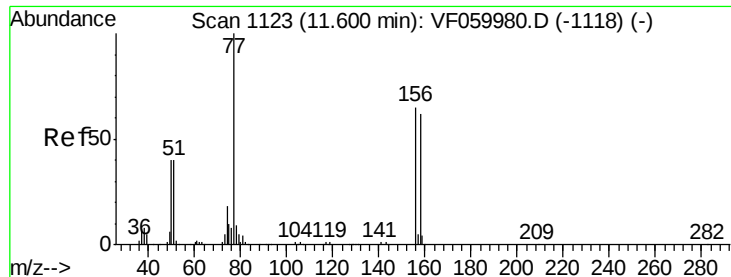
Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion	75	Resp	90943
Ion	Ratio	Lower	Upper
75	100		
77	37.8	17.1	51.3





#77

Bromobenzene

Concen: 66.52 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

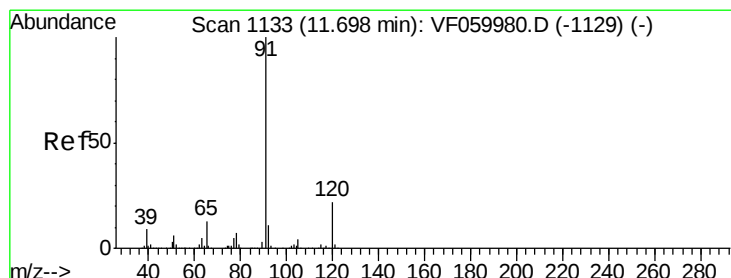
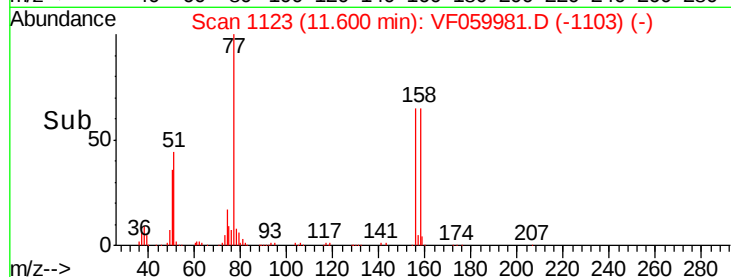
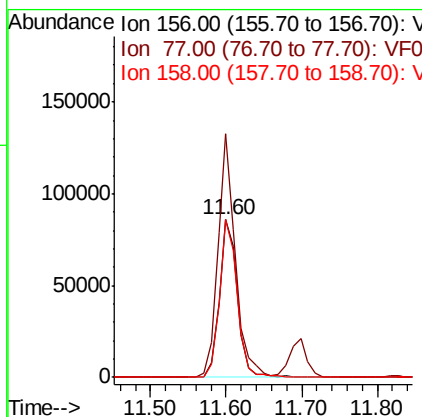
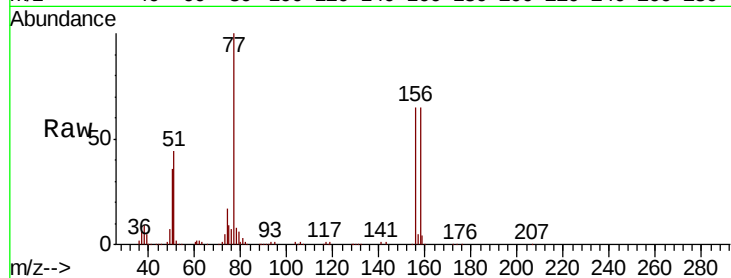
ClientSampleId :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.5	76.9	230.7
158	99.9	47.7	143.1

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#78

n-propylbenzene

Concen: 68.04 ug/l

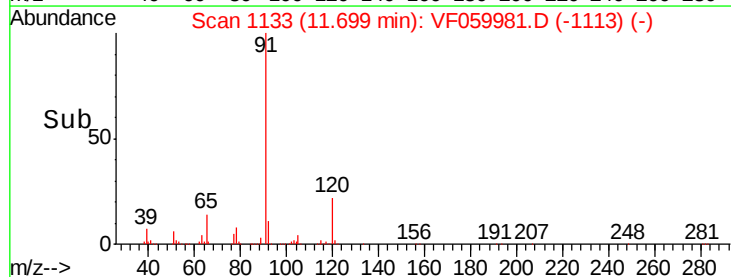
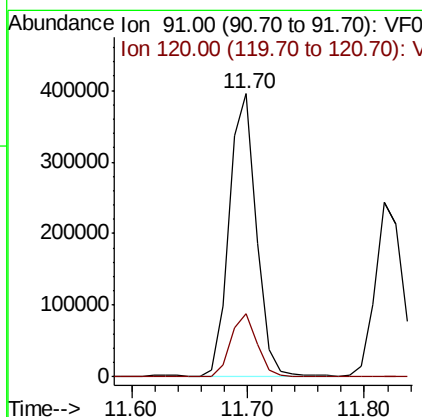
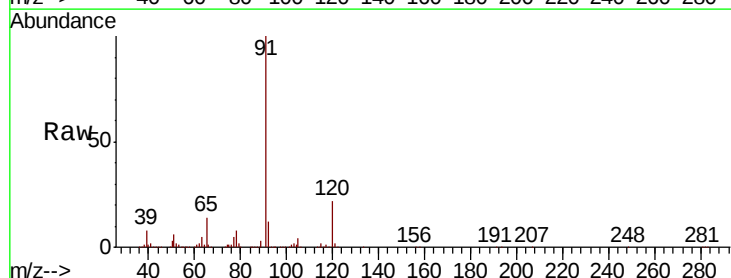
RT: 11.70 min Scan# 1133

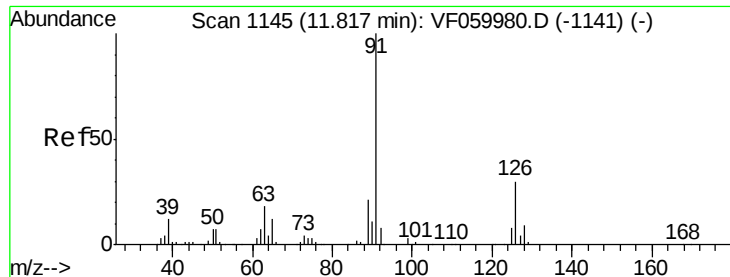
Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0





#79

2-Chlorotoluene

Concen: 68.12 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VF059981.D

Acq: 17 Aug 2018 18:59

Instrument :

MSVOA_F

ClientSampled :

VSTDIC075

Tot Ion: 91 Resp: 391671

Ion Ratio Lower Upper

91 100

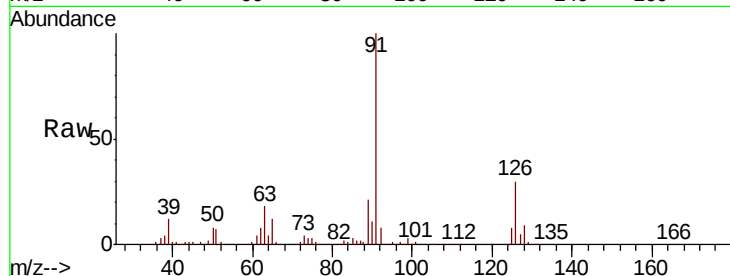
126 29.6 14.7 44.1

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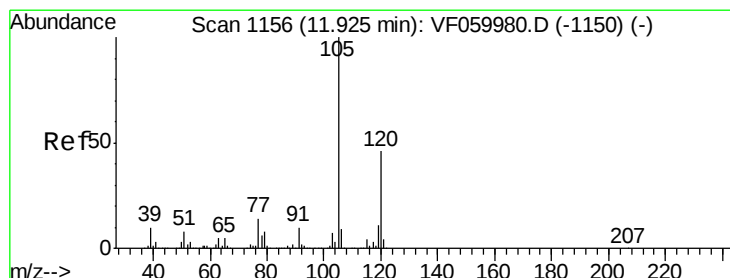
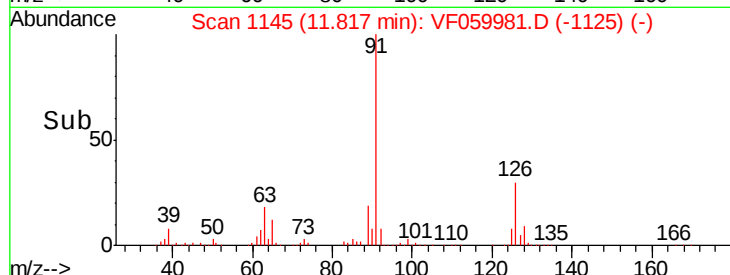
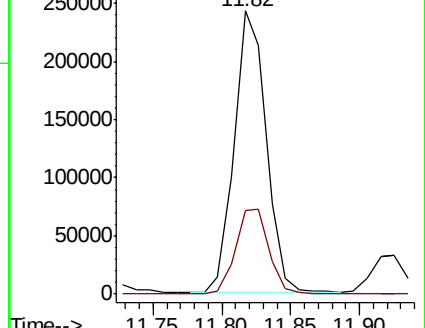
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Abundance Ion 91.00 (90.70 to 91.70): VF059981.D (-1141) (-)

Ion 126.00 (125.70 to 126.70): VF059981.D (-1141) (-)



#80

1,3,5-Trimethylbenzene

Concen: 69.30 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VF059981.D

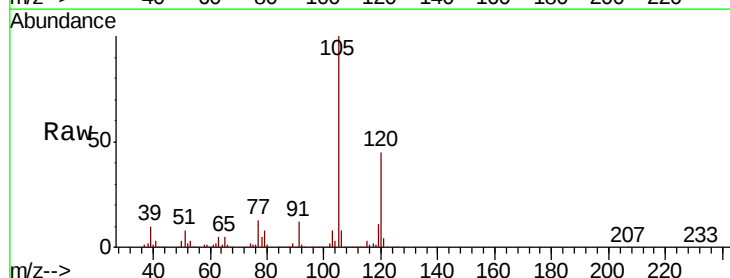
Acq: 17 Aug 2018 18:59

Tgt Ion: 105 Resp: 474285

Ion Ratio Lower Upper

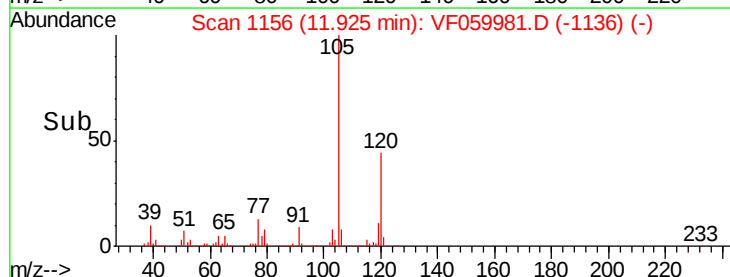
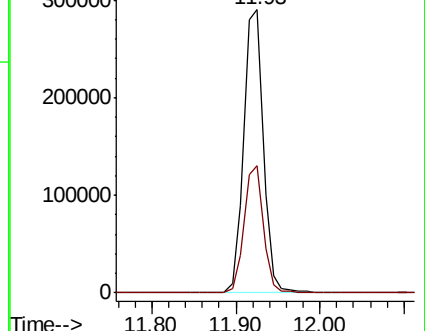
105 100

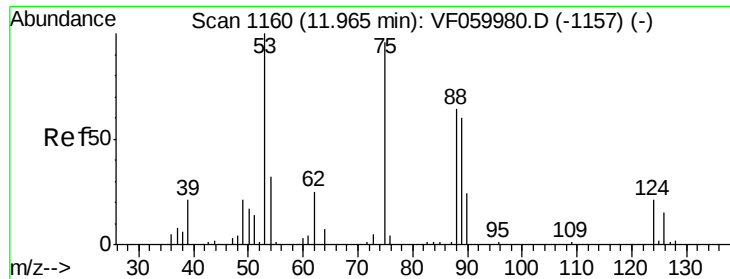
120 44.7 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): VF059981.D (-1150) (-)

Ion 120.00 (119.70 to 120.70): VF059981.D (-1150) (-)





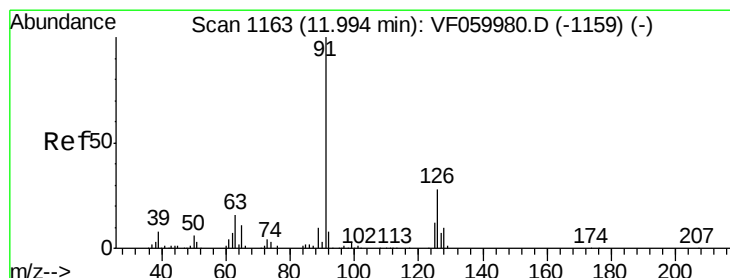
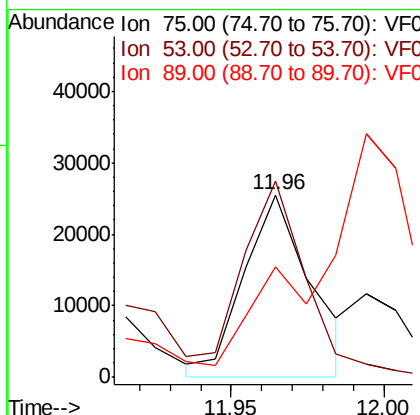
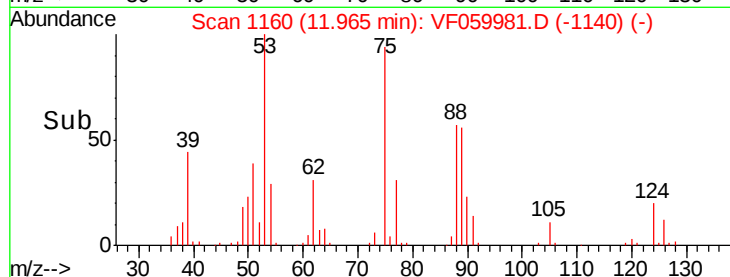
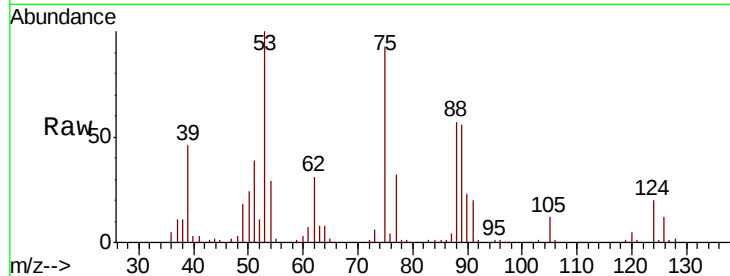
#81
trans-1,4-Dichloro-2-butene
Concen: 54.69 ug/l m
RT: 11.96 min Scan# 1160
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.4	87.4	131.0
89	60.2	52.8	79.2

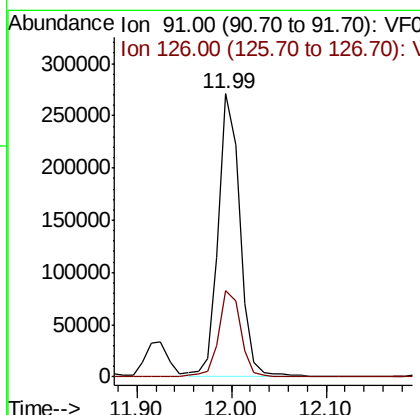
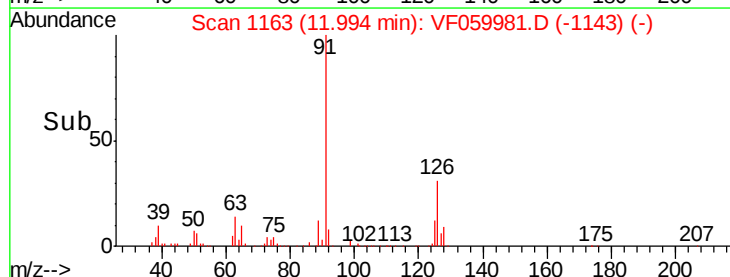
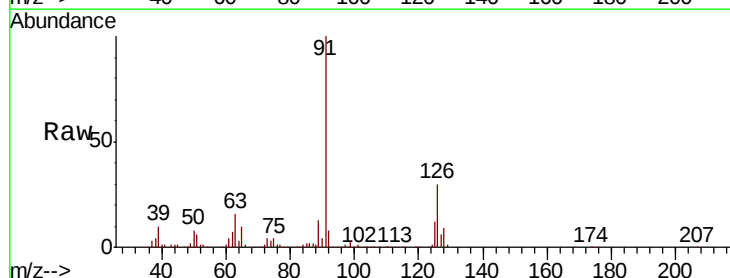
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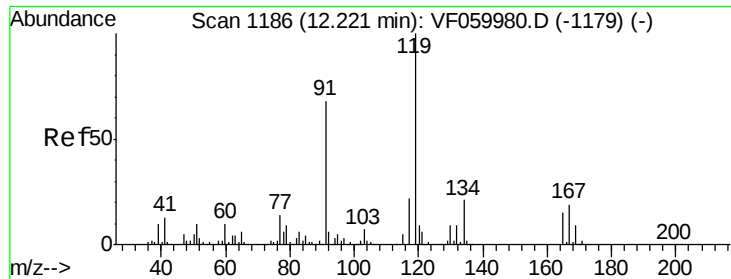
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#82
4-Chlorotoluene
Concen: 68.47 ug/l
RT: 11.99 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.1	42.4





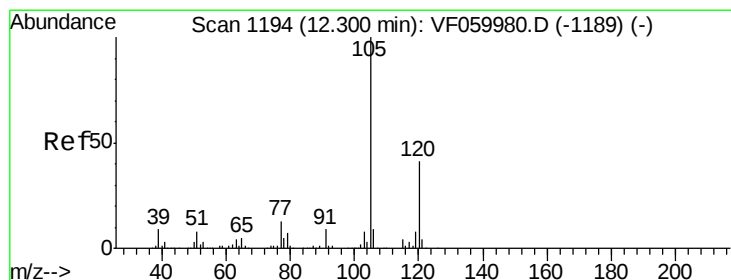
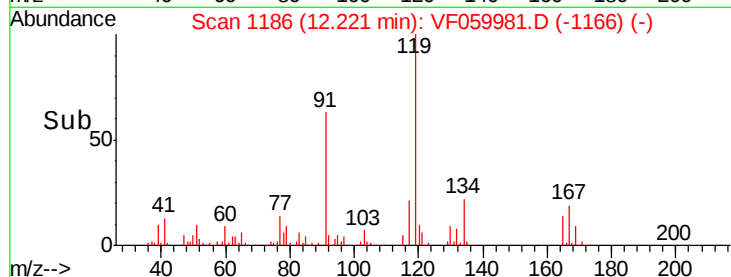
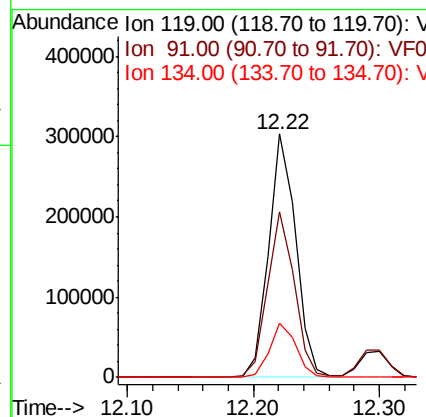
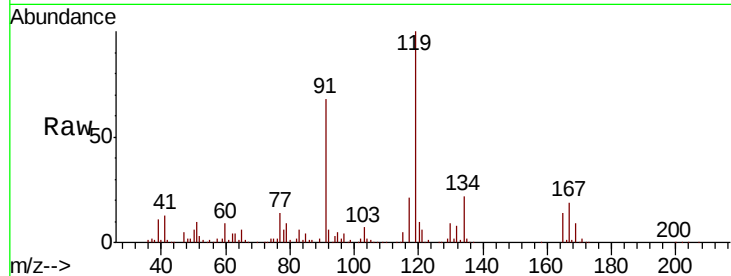
#83
 tert-Butylbenzene
 Concen: 68.04 ug/l
 RT: 12.22 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	34.1	102.2
134	22.2	10.5	31.6

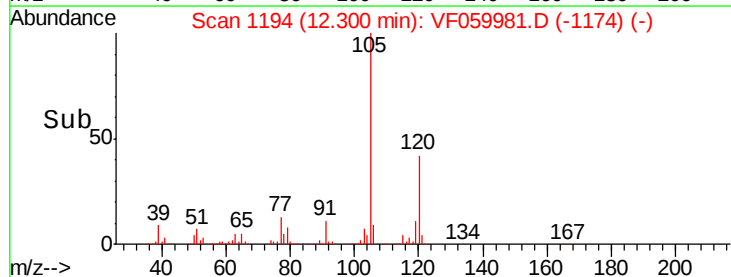
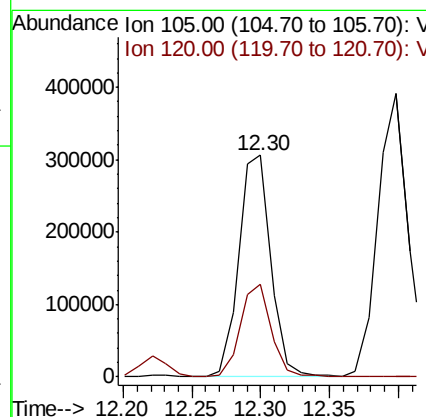
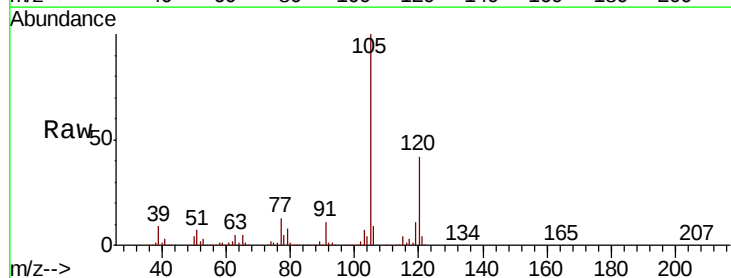
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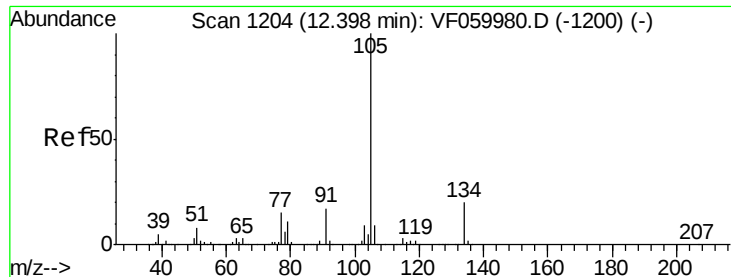
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#84
 1,2,4-Trimethylbenzene
 Concen: 68.76 ug/l
 RT: 12.30 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.7	20.9	62.7





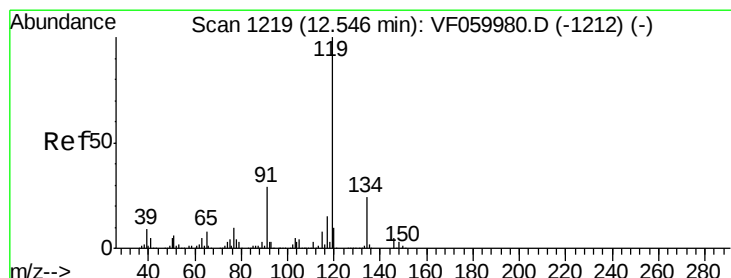
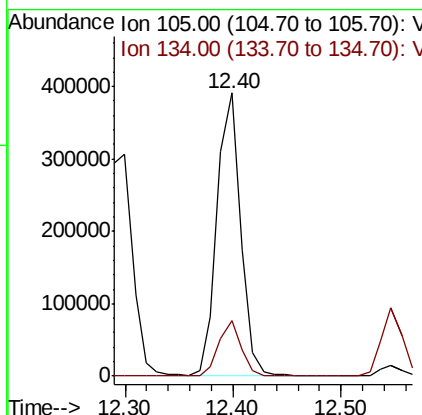
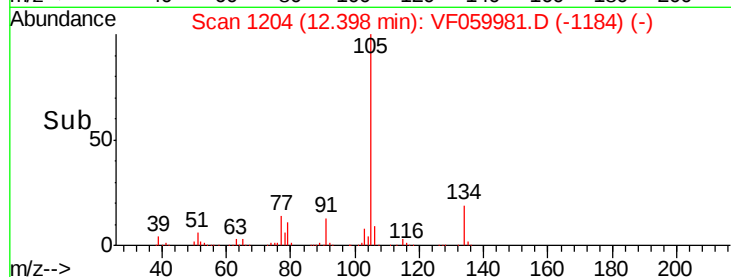
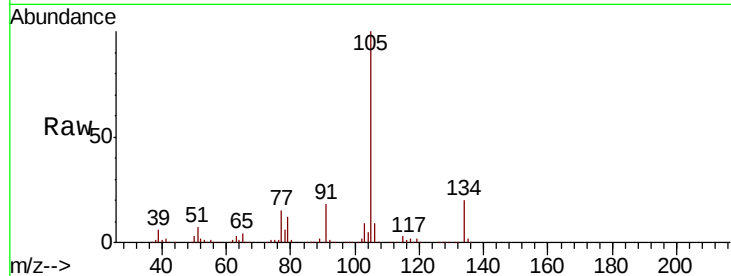
#85
 sec-Butylbenzene
 Concen: 67.31 ug/l
 RT: 12.40 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
105	100	595797		
134	19.8	9.8	29.5	

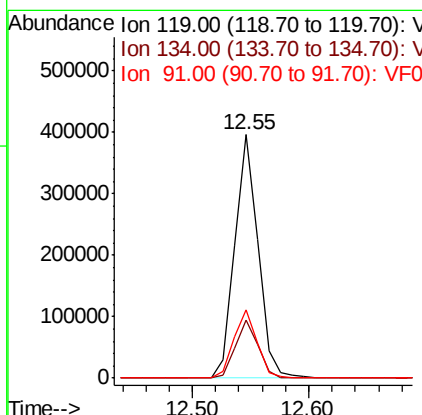
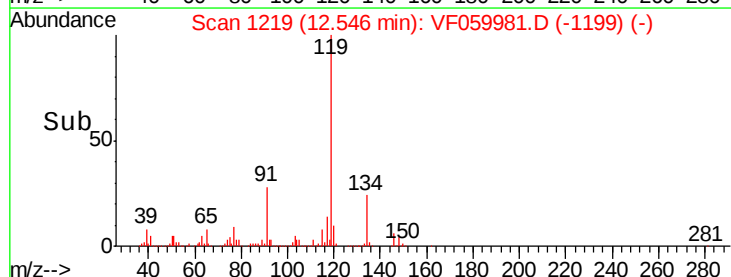
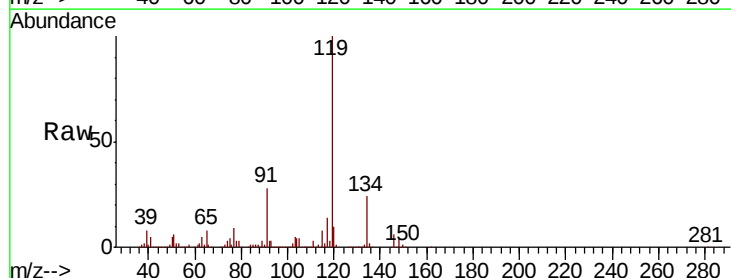
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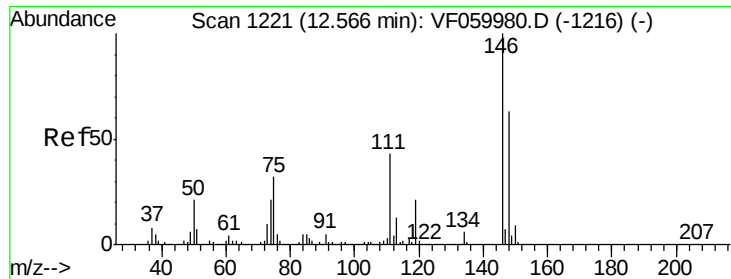
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#86
 p-Isopropyltoluene
 Concen: 70.36 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	550556		
134	24.0	12.1	36.3	
91	27.8	14.4	43.4	





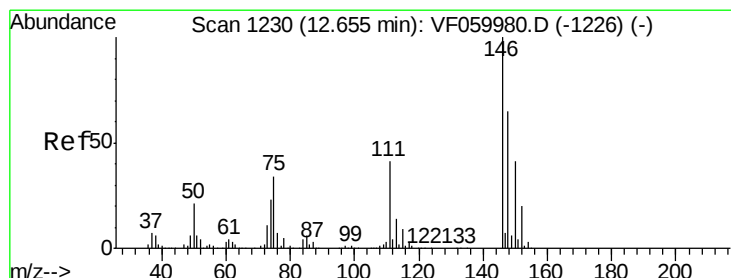
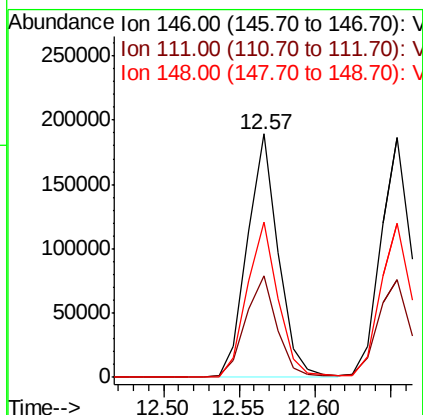
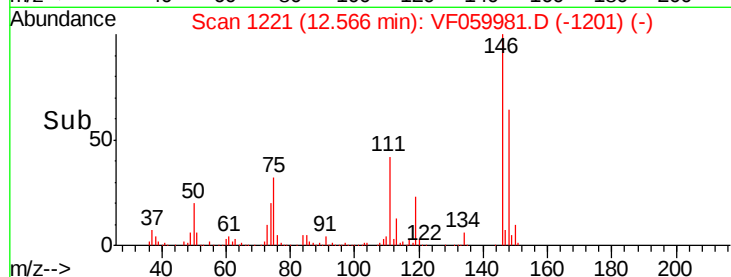
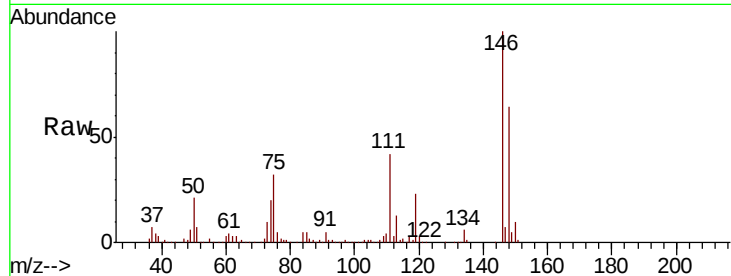
#87
 1,3-Dichlorobenzene
 Concen: 67.25 ug/l
 RT: 12.57 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.7
148	63.7	31.6	95.0

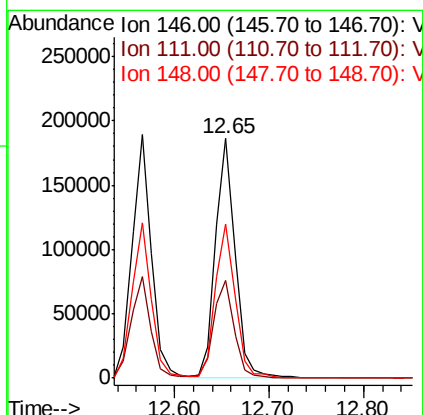
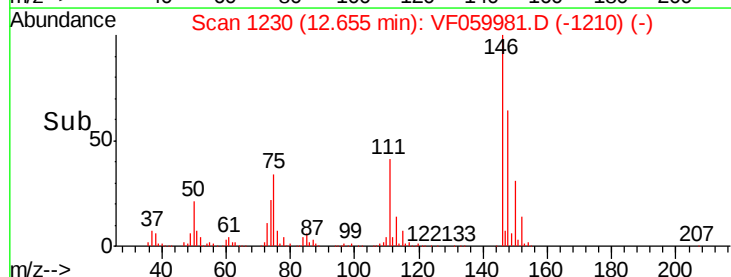
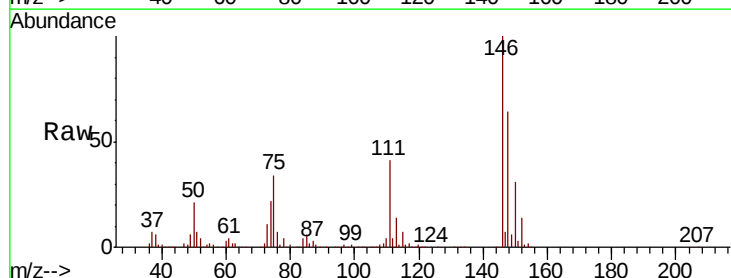
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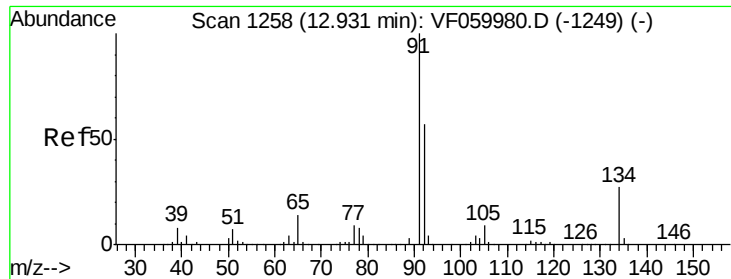
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#88
 1,4-Dichlorobenzene
 Concen: 68.53 ug/l
 RT: 12.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	64.4	32.6	97.8





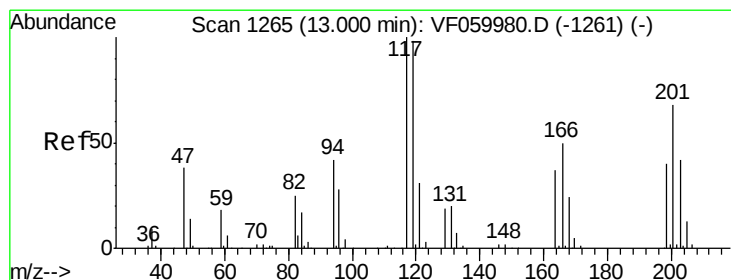
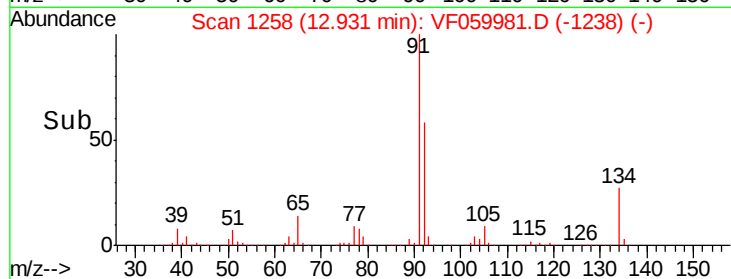
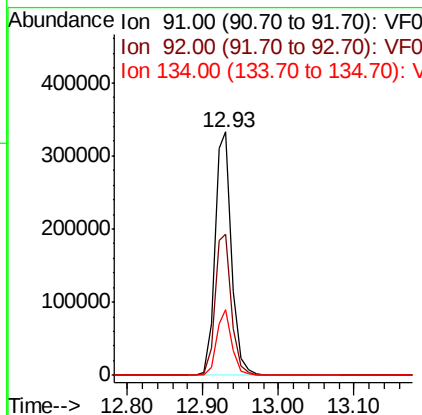
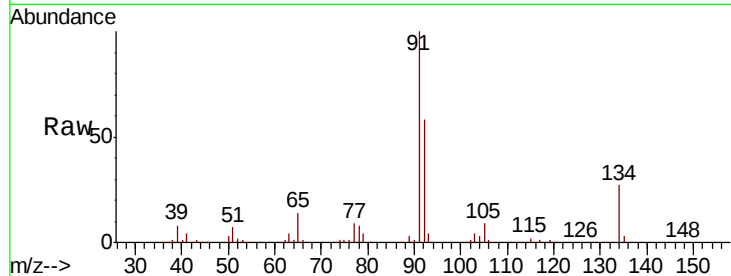
#89
n-Butylbenzene
Concen: 67.77 ug/l
RT: 12.93 min Scan# 1258
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	57.9	28.7	86.3
134	27.2	13.3	39.9

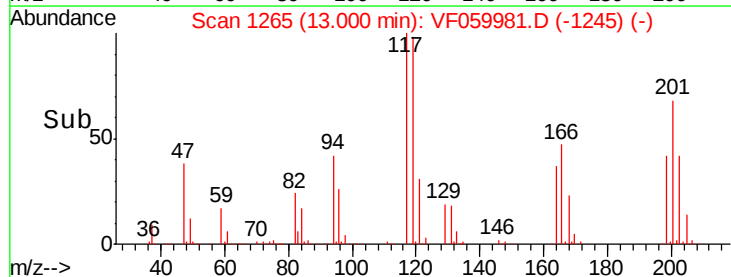
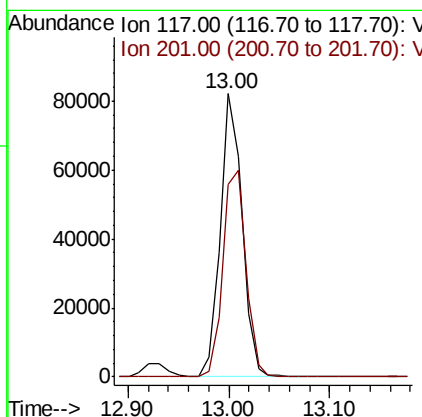
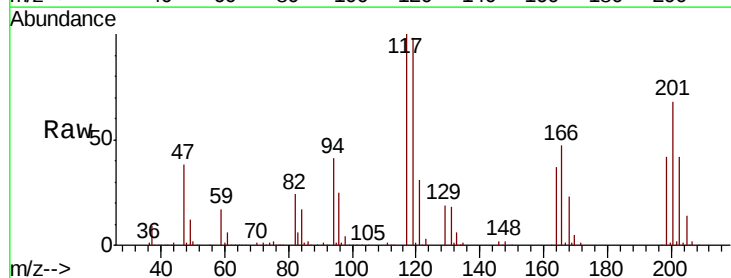
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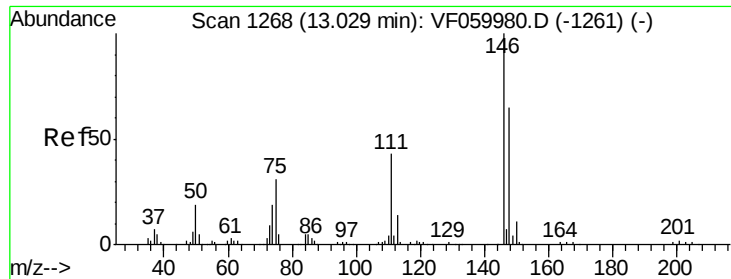
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#90
Hexachloroethane
Concen: 70.69 ug/l
RT: 13.00 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.3	34.5	103.5





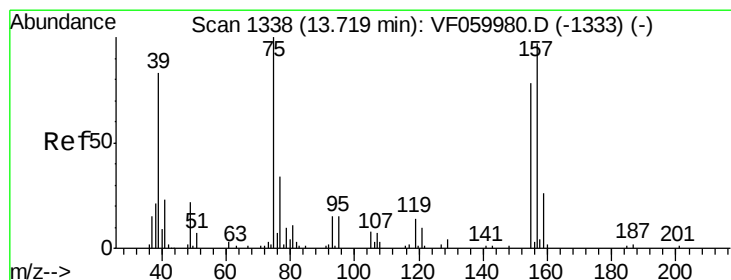
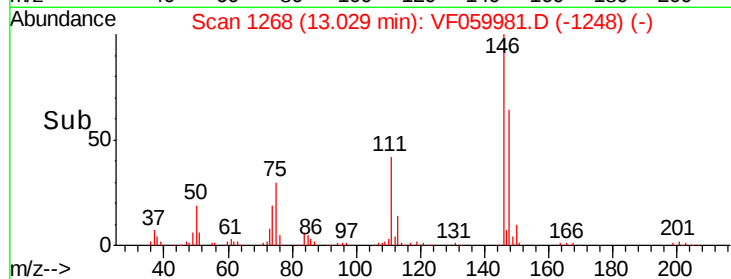
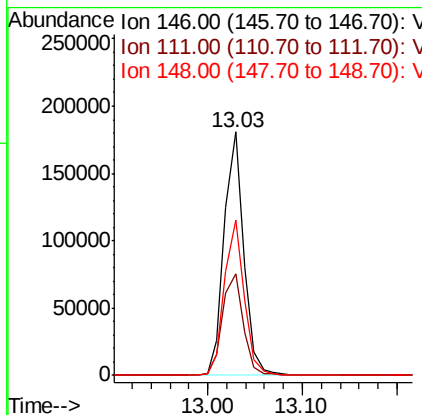
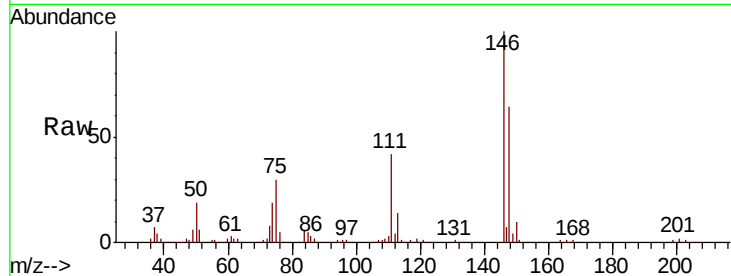
#91
 1,2-Dichlorobenzene
 Concen: 67.11 ug/l
 RT: 13.03 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.4	64.3
148	63.7	32.5	97.4

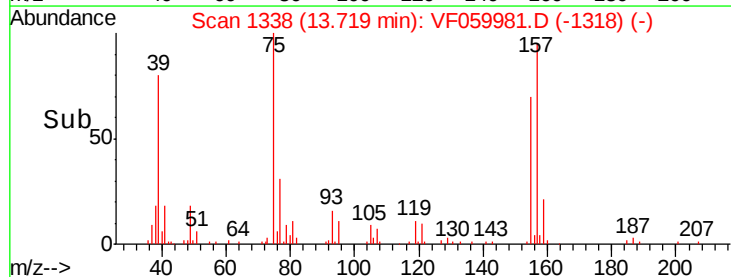
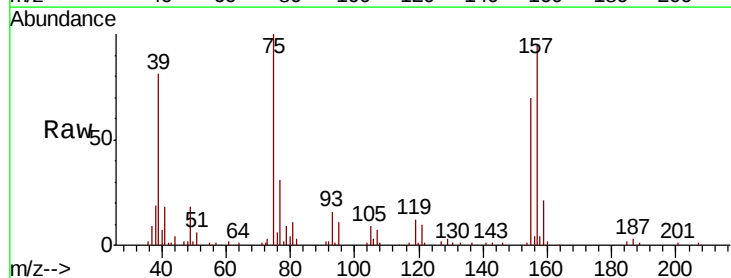
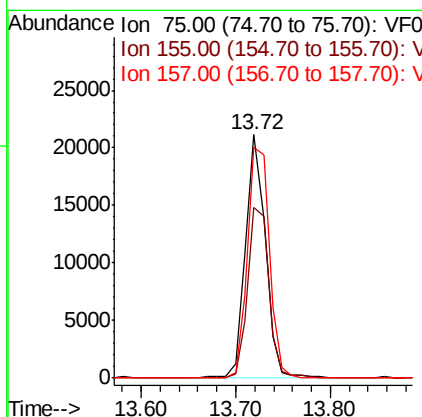
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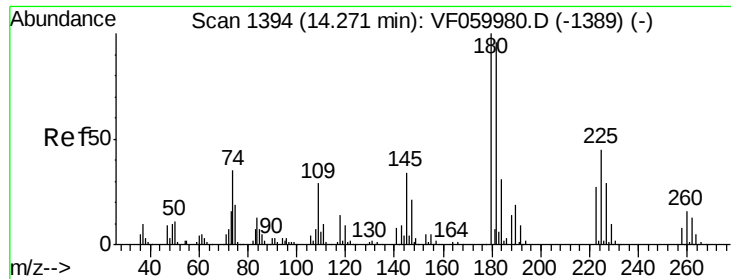
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 71.28 ug/l
 RT: 13.72 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.9	38.9	116.7
157	95.0	50.8	152.5





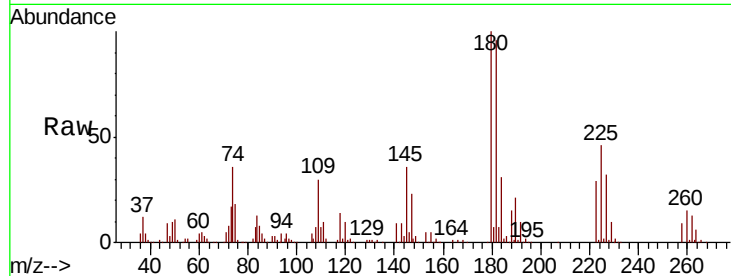
#93
 1,2,4-Trichlorobenzene
 Concen: 69.35 ug/l
 RT: 14.27 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

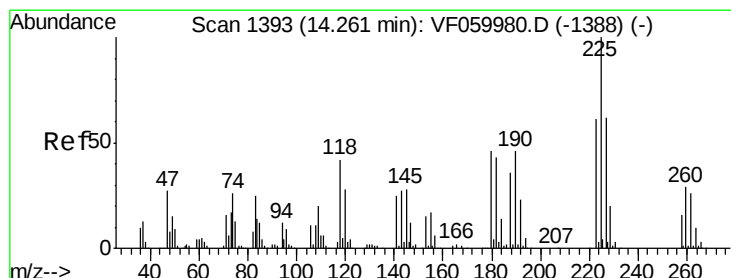
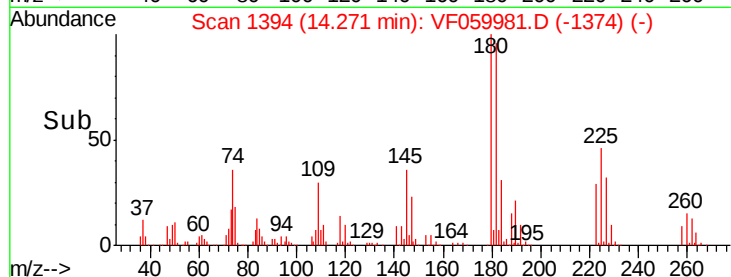
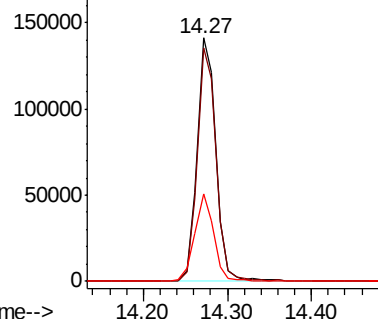
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.9	143.6	
145	35.8	17.2	51.5	

Manual Integrations
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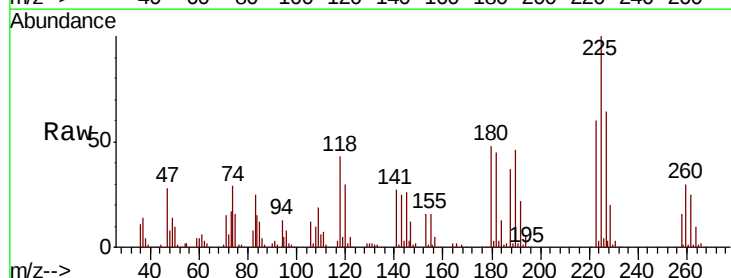


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

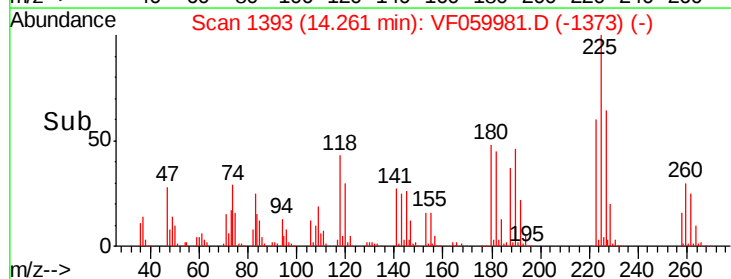
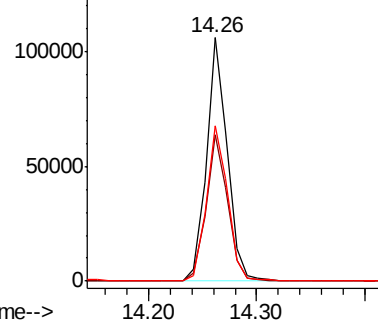


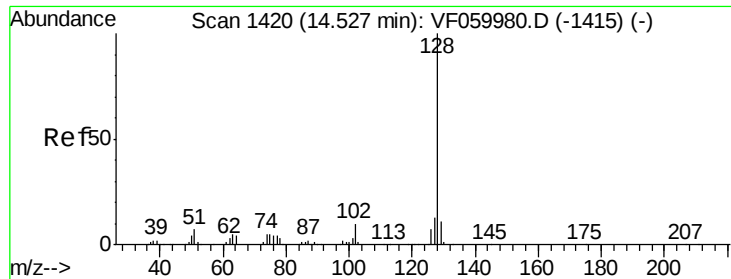
#94
 Hexachlorobutadiene
 Concen: 68.15 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VF059981.D
 Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.2	29.1	87.4	
227	64.0	29.8	89.5	



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





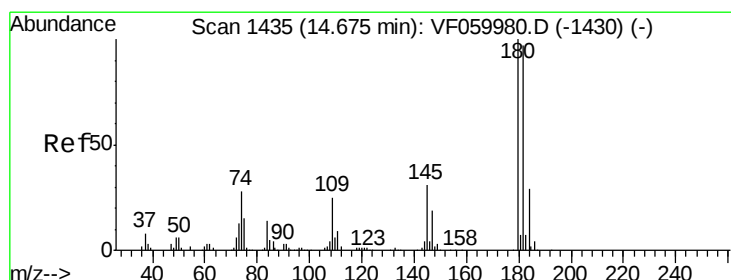
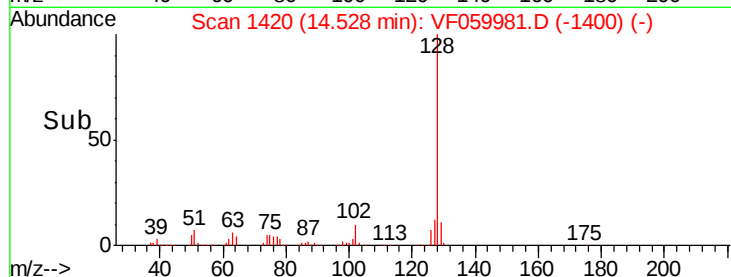
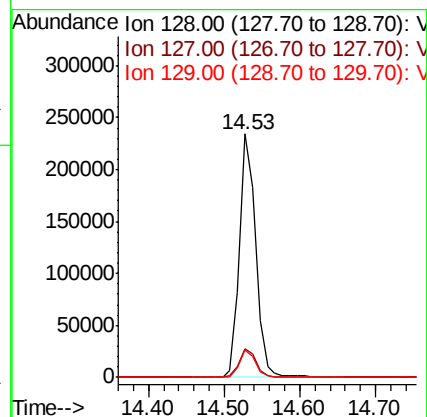
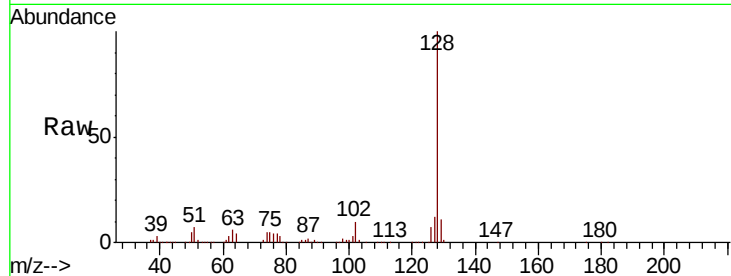
#95
Naphthalene
Concen: 75.43 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
128	100	345355		
127	11.8	10.2	15.2	
129	11.1	9.0	13.4	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 69.44 ug/l
RT: 14.68 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VF059981.D
Acq: 17 Aug 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	211191		
182	97.7	48.5	145.5	
145	32.4	15.7	47.1	

