Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062426.D
Acq On : 10 May 2019 16:31
Operator : FY/SY
Sample : K2645-01RE
Misc : 6.61g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Quant Time: May 10 17:14:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	23418	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	15383	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	6416	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	409	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	1554	7.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 14.04%			
35) Dibromofluoromethane	4.31	113	3356	27.38	ug/l	0.01
Spiked Amount 50.000			Recovery = 54.76%			
50) Toluene-d8	7.72	98	14932	50.33	ug/l	0.01
Spiked Amount 50.000			Recovery = 100.66%			
62) 4-Bromofluorobenzene	11.49	95	2360	17.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 35.26%			
Target Compounds						Qvalue
3) Chloromethane	1.15	50	210	1.175	ug/l #	42
4) Vinyl Chloride	1.24	62	320	1.795	ug/l #	42
5) Bromomethane	1.43	94	150	Below Cal #		3
6) Chloroethane	1.48	64	131	1.461	ug/l #	41
8) Diethyl Ether	1.79	74	96	1.715	ug/l	42
11) Tert butyl alcohol	2.77	59	215	17.189	ug/l #	70
12) 1,1-Dichloroethene	1.91	96	186	1.036	ug/l #	1
13) Acrolein	2.12	56	72	Below Cal #		1
14) Allyl chloride	2.18	41	866	5.460	ug/l #	20
15) Acrylonitrile	3.11	53	66	2.786	ug/l #	1
16) Acetone	2.38	43	538	12.017	ug/l #	62
18) Methyl Acetate	2.51	43	1609	17.683	ug/l #	74
19) Methyl tert-butyl Ether	2.55	73	1339	3.613	ug/l #	43
21) trans-1,2-Dichloroethene	2.43	96	177	1.035	ug/l #	1
23) Vinyl Acetate	3.37	43	746	3.377	ug/l #	79
25) 2-Butanone	4.53	43	212	3.769	ug/l #	60
26) 2,2-Dichloropropane	3.76	77	334	1.996	ug/l #	58
29) Tetrahydrofuran	4.29	42	134	5.184	ug/l #	62
36) 1,1-Dichloropropene	4.46	75	133	1.006	ug/l #	1
37) Ethyl Acetate	4.28	43	200	Below Cal #		73
38) Carbon Tetrachloride	4.42	117	60	Below Cal #		14
41) Methacrylonitrile	4.93	41	239	7.543	ug/l #	1
42) 1,2-Dichloroethane	5.21	62	125	1.027	ug/l #	82
43) Isopropyl Acetate	7.11	43	419	6.971	ug/l #	77
45) 1,2-Dichloropropane	6.45	63	134	2.033	ug/l #	43
48) Methyl methacrylate	6.91	41	177	4.167	ug/l #	12
51) 4-Methyl-2-Pentanone	8.28	43	226	4.962	ug/l	92
54) cis-1,3-Dichloropropene	7.49	75	146	1.214	ug/l #	41
55) 1,1,2-Trichloroethane	8.59	97	160	2.808	ug/l #	14
56) Ethyl methacrylate	8.74	69	244	4.056	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.49	63	93	5.142	ug/l #	42
59) 2-Hexanone	9.63	43	267	8.476	ug/l #	28
60) Dibromochloromethane	8.82	129	213	2.285	ug/l #	11
61) 1,2-Dibromoethane	9.11	107	67	1.000	ug/l #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062426.D
Acq On : 10 May 2019 16:31
Operator : FY/SY
Sample : K2645-01RE
Misc : 6.61g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Quant Time: May 10 17:14:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
64) Tetrachloroethene	8.29	164	65	1.248	ug/l	#	1
66) 1,1,1,2-Tetrachloroethane	10.05	131	98	1.830	ug/l	#	1
67) Ethyl Benzene	10.03	91	311	1.673	ug/l	#	45
68) m/p-Xylenes	10.23	106	99	1.443	ug/l	#	21
71) Bromoform	10.86	173	283	9.646	ug/l	#	70
73) Isopropylbenzene	11.16	105	342	14.105	ug/l		87
74) N-amyl acetate	11.43	43	966	185.572	ug/l	#	62
75) 1,1,2,2-Tetrachloroethane	11.74	83	403	106.151	ug/l	#	17
76) 1,2,3-Trichloropropane	11.90	75	114	39.358	ug/l	#	100
77) Bromobenzene	11.55	156	426	66.944	ug/l	#	1
78) n-propylbenzene	11.73	91	533	20.647	ug/l		82
79) 2-Chlorotoluene	11.78	91	1260	78.494	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.94	105	859	40.419	ug/l		92
81) trans-1,4-Dichloro-2-buten	11.93	75	108	99.196	ug/l	#	1
82) 4-Chlorotoluene	11.97	91	519	32.736	ug/l	#	39
83) tert-Butylbenzene	12.21	119	673	30.132	ug/l	#	36
84) 1,2,4-Trimethylbenzene	12.17	105	432	20.771	ug/l		95
85) sec-Butylbenzene	12.35	105	224	8.240	ug/l		79
86) p-Isopropyltoluene	12.49	119	300	11.877	ug/l	#	44
87) 1,3-Dichlorobenzene	12.55	146	373	32.094	ug/l	#	1
88) 1,4-Dichlorobenzene	12.60	146	518	46.179	ug/l	#	42
89) n-Butylbenzene	12.68	91	342	15.219	ug/l		71
90) Hexachloroethane	13.20	117	253	40.116	ug/l		75
91) 1,2-Dichlorobenzene	13.02	146	347	30.847	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	13.67	75	75	88.180	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.04	180	67	6.640	ug/l	#	11
95) Naphthalene	14.49	128	209	13.778	ug/l	#	39

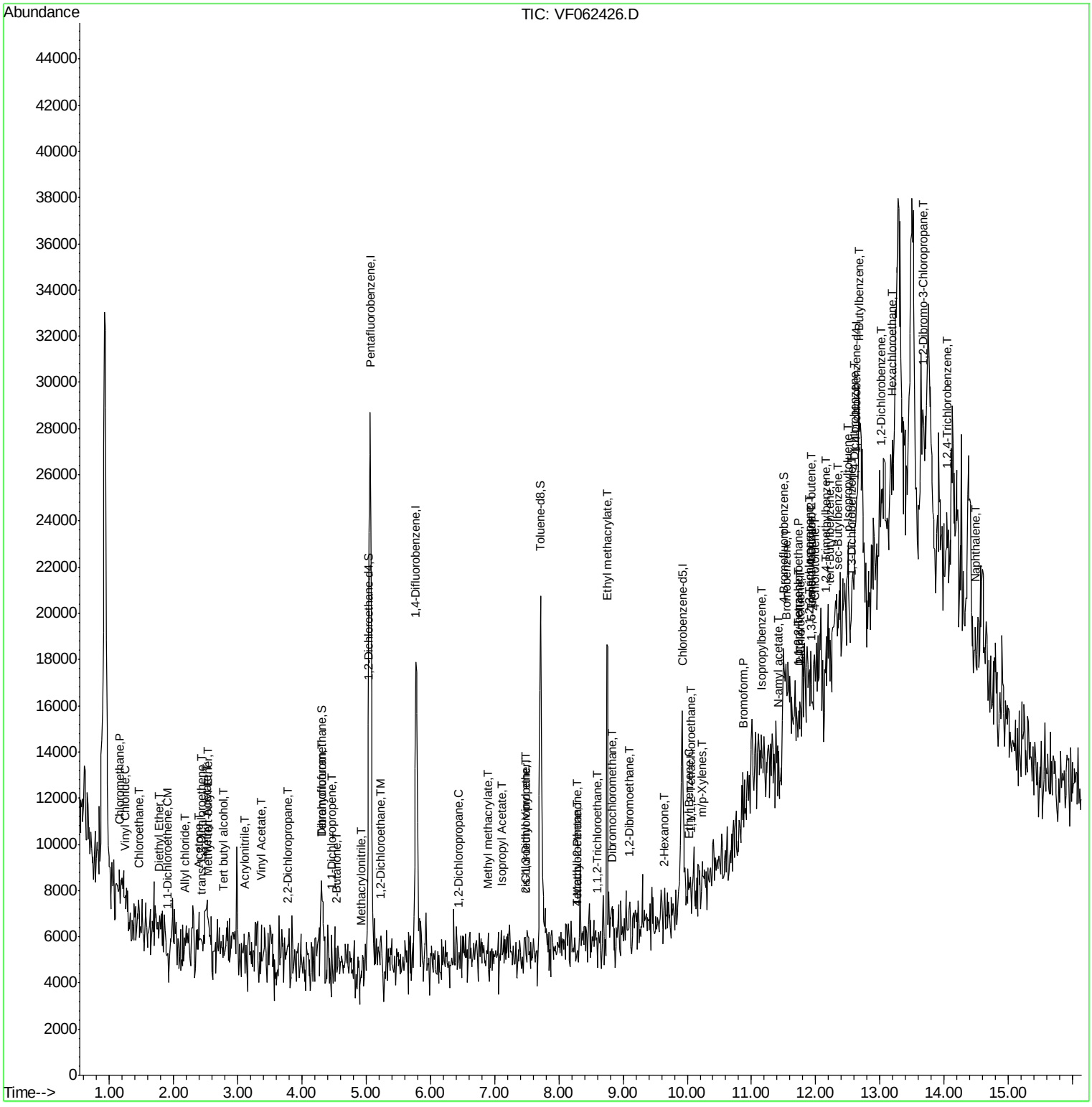
(#) = qualifier out of range (m) = manual integration (+) = signals summed

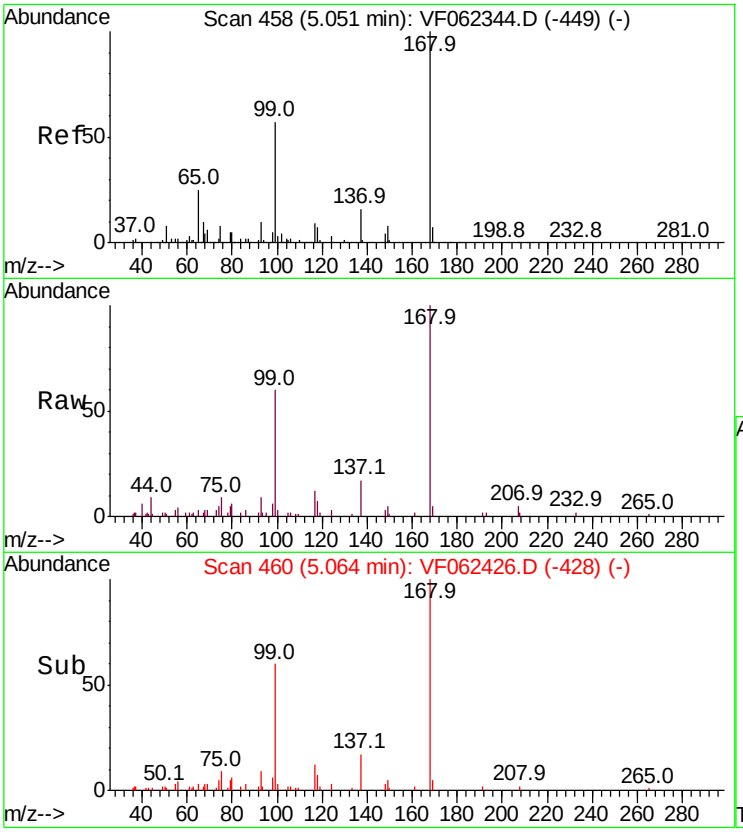
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062426.D
Acq On : 10 May 2019 16:31
Operator : FY/SY
Sample : K2645-01RE
Misc : 6.61g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Quant Time: May 10 17:14:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



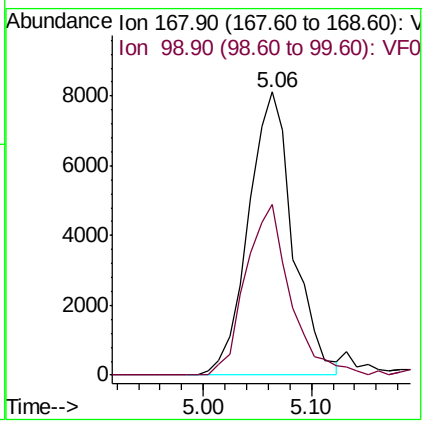


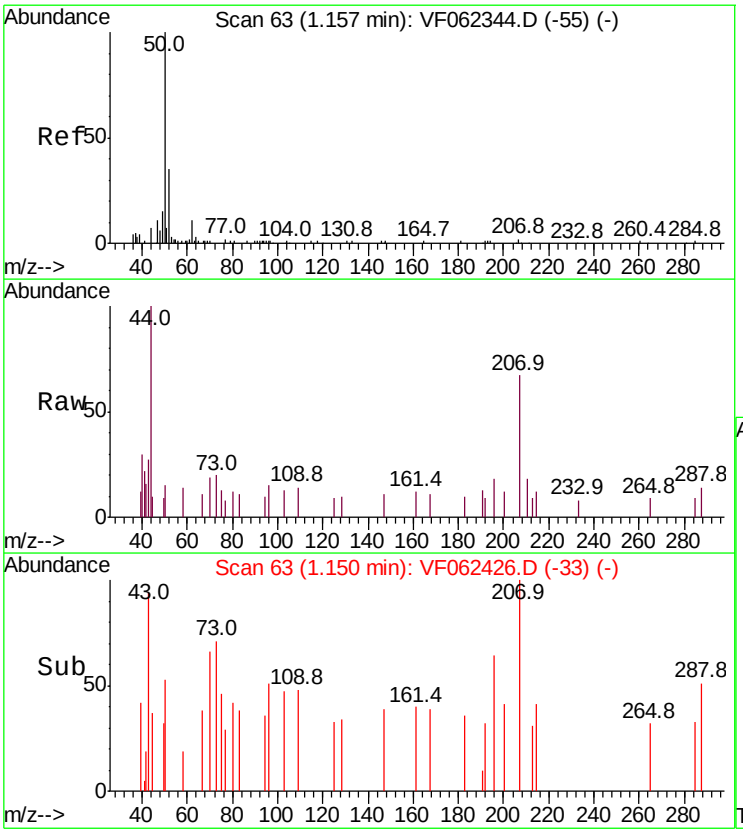
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:168 Resp: 23418

Ion	Ratio	Lower	Upper
168	100		
99	60.4	45.9	68.9

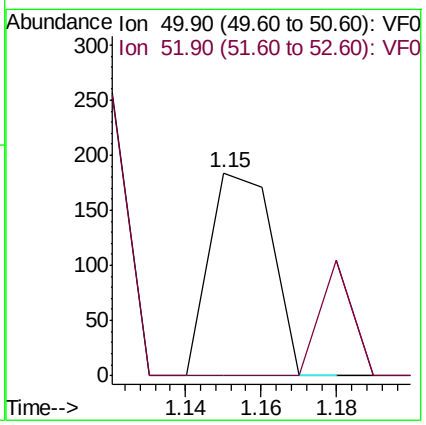


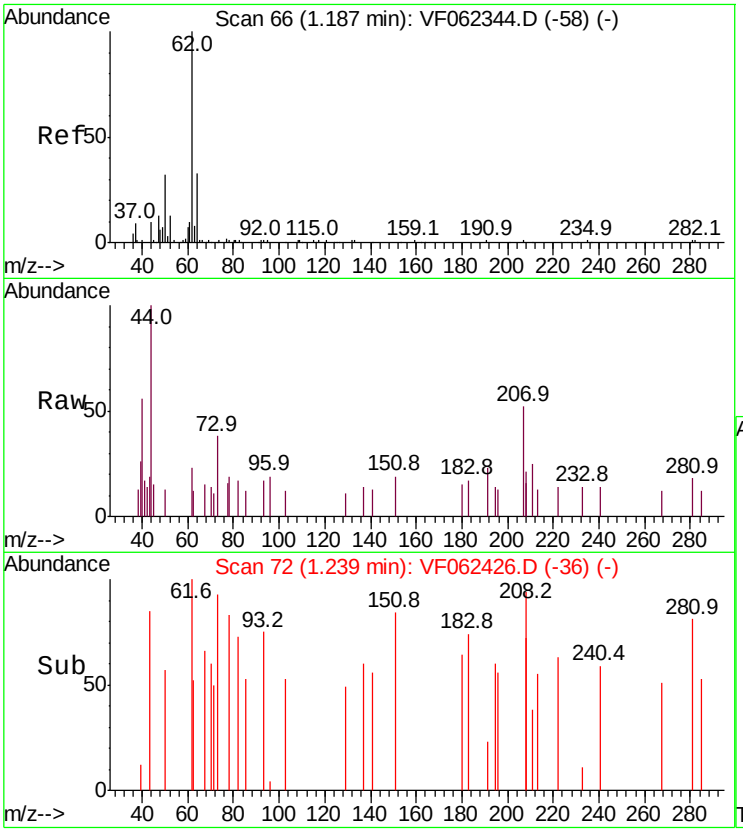


#3
Chloromethane
Concen: 1.175 ug/l
RT: 1.15 min Scan# 63
Delta R.T. -0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 50 Resp: 210

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.1	39.1#



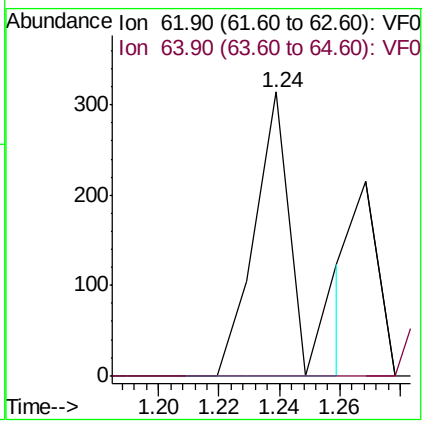


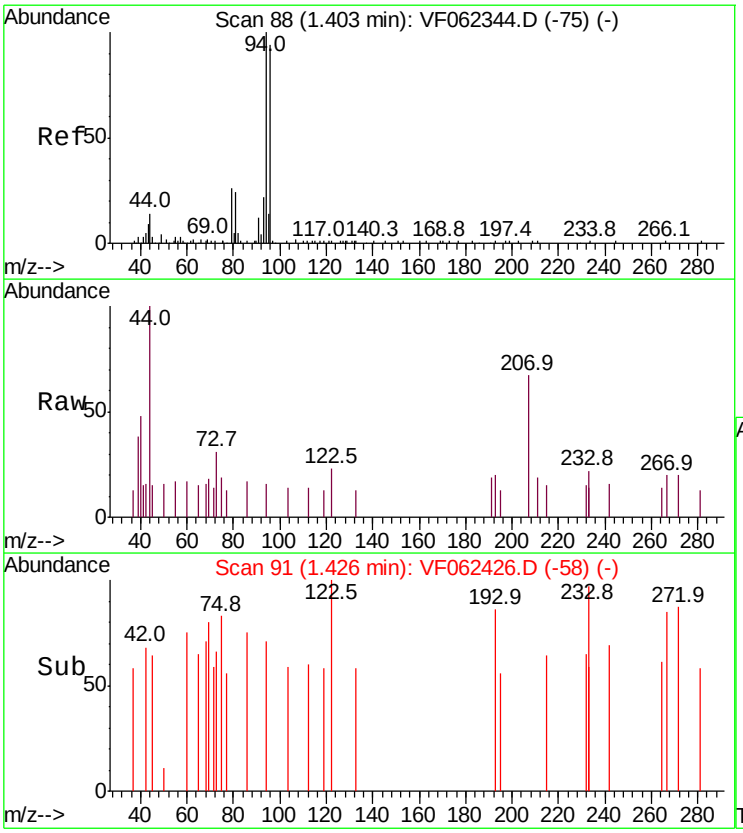
#4
Vinyl Chloride
Concen: 1.795 ug/l
RT: 1.24 min Scan# 72
Delta R.T. 0.05 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 62 Resp: 320

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.1	39.1#

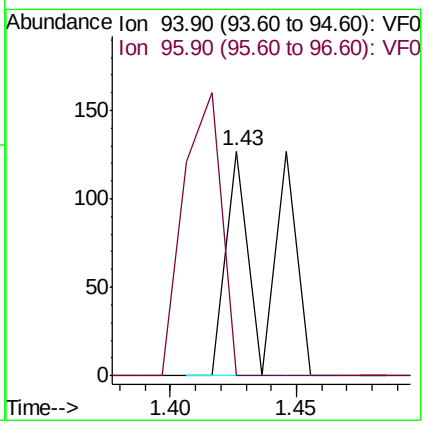


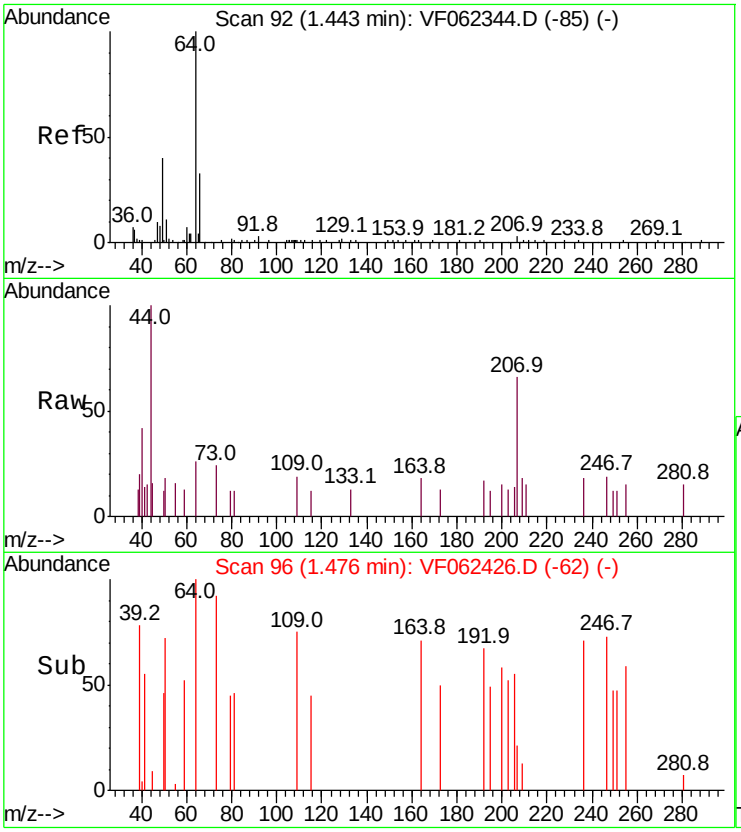


#5
Bromomethane
Concen: Below Cal
RT: 1.43 min Scan# 91
Delta R.T. 0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 94 Resp: 150

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



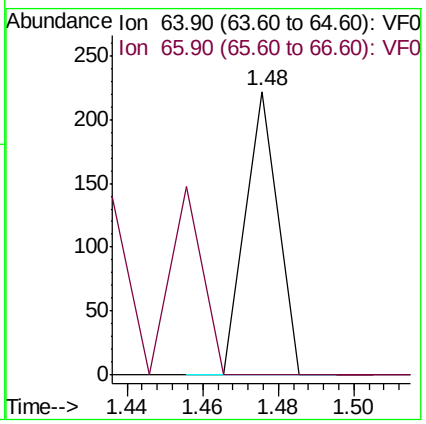


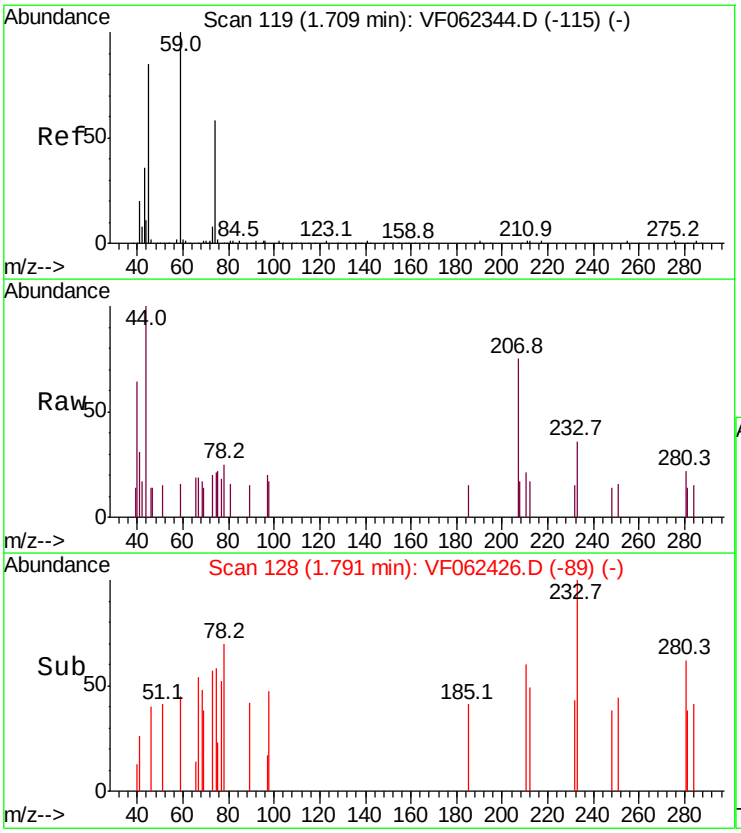
#6
Chloroethane
Concen: 1.461 ug/l
RT: 1.48 min Scan# 96
Delta R.T. 0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 64 Resp: 131

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	39.8#

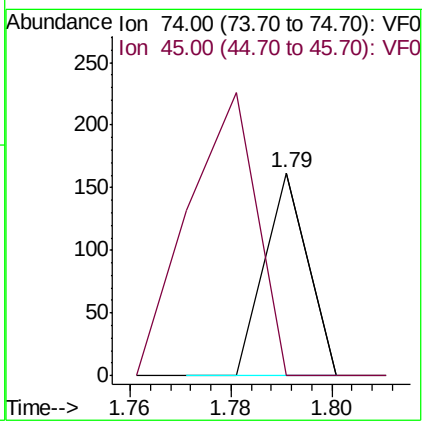


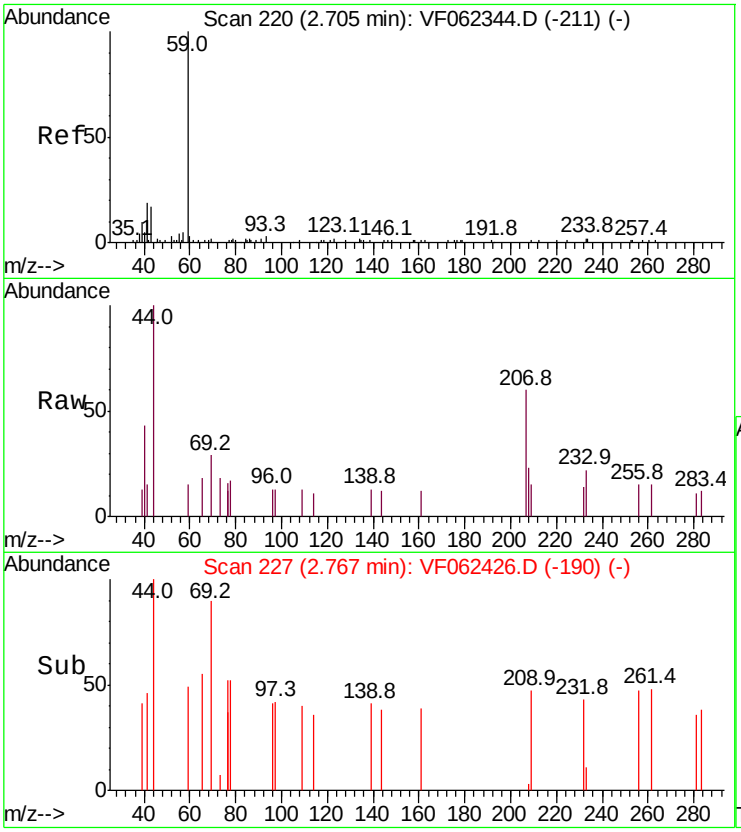


#8
Diethyl Ether
Concen: 1.715 ug/l
RT: 1.79 min Scan# 128
Delta R.T. 0.08 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 74 Resp: 96

Ion	Ratio	Lower	Upper
74	100		
45	220.8	73.9	221.6



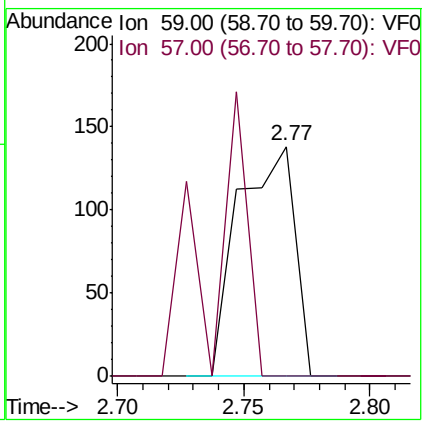


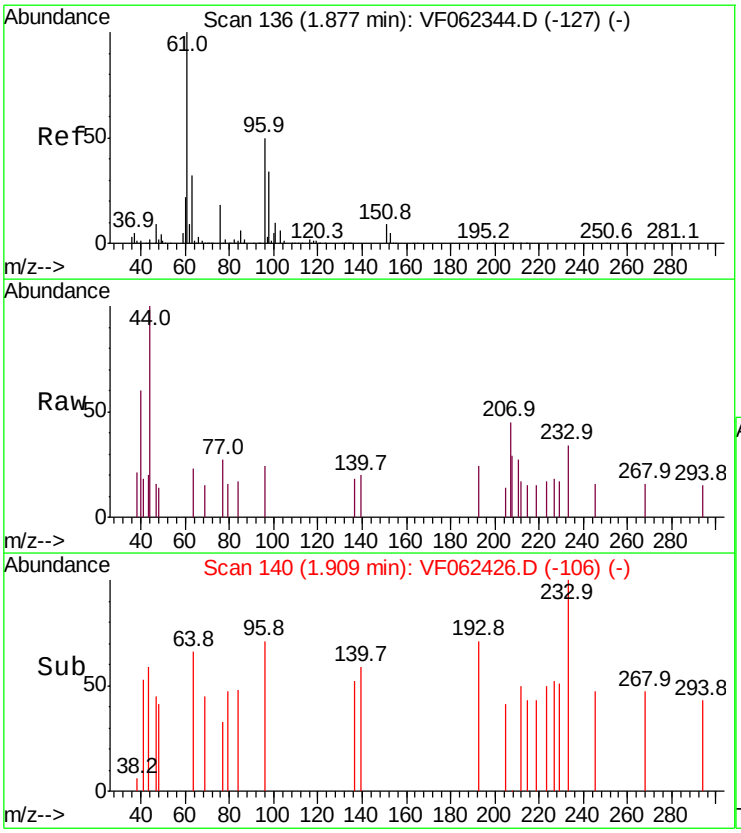
#11
Tert butyl alcohol
Concen: 17.189 ug/l
RT: 2.77 min Scan# 227
Delta R.T. 0.06 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 59 Resp: 215

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

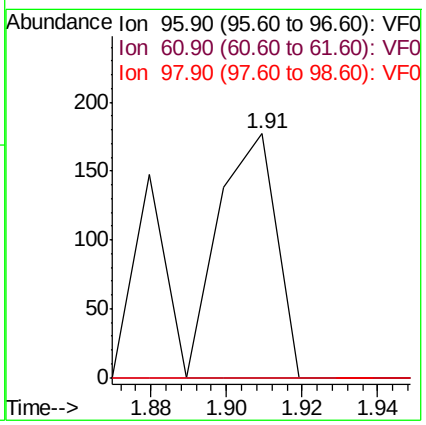


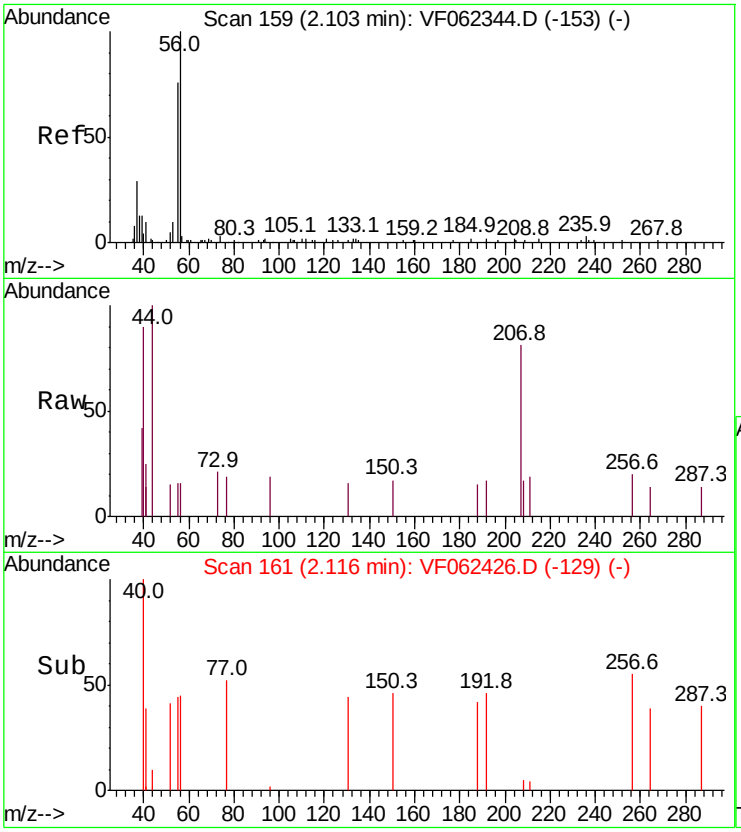


#12
1,1-Dichloroethene
Concen: 1.036 ug/l
RT: 1.91 min Scan# 140
Delta R.T. 0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 96 Resp: 186

Ion	Ratio	Lower	Upper
96	100		
61	0.0	163.2	244.8#
98	0.0	55.2	82.8#



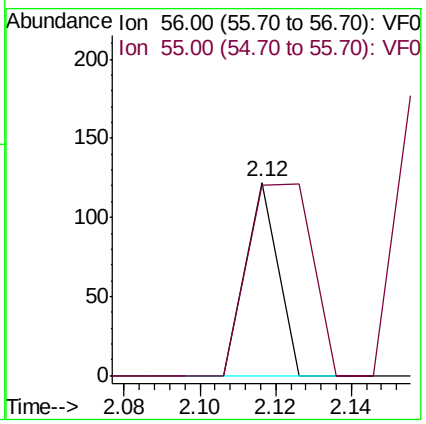


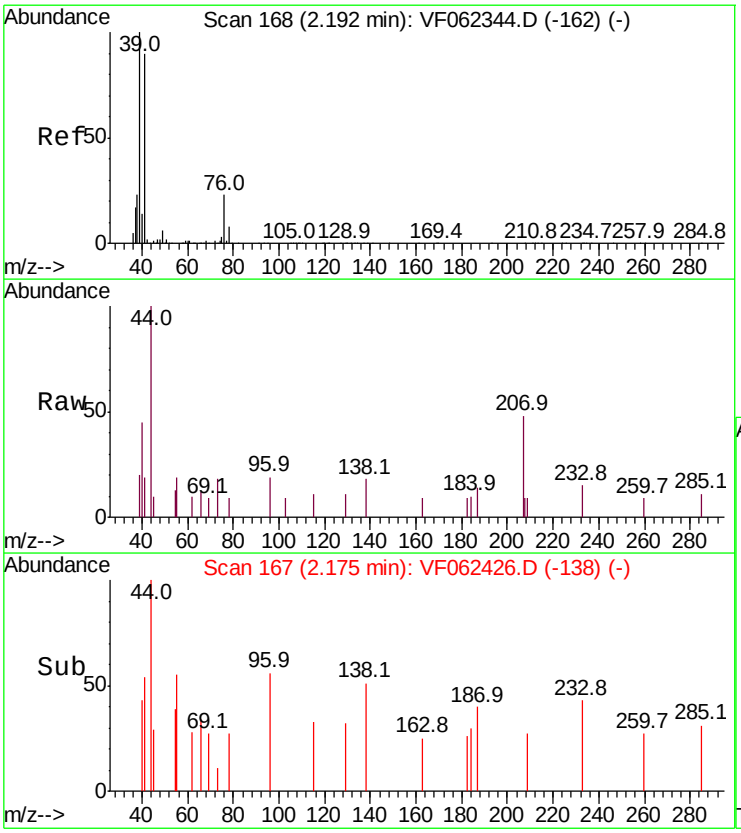
#13
Acrolein
Concen: Below Cal
RT: 2.12 min Scan# 161
Delta R.T. 0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 56 Resp: 72

Ion	Ratio	Lower	Upper
56	100		
55	198.6	58.4	87.6#

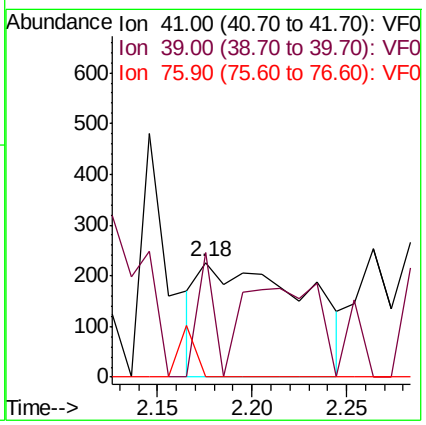


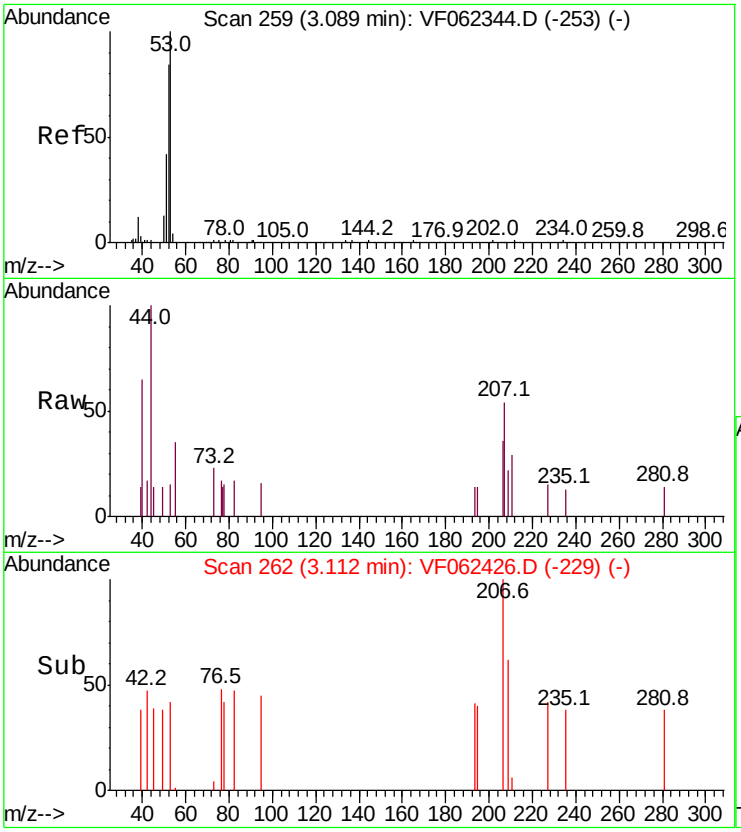


#14
Allyl chloride
Concen: 5.460 ug/l
RT: 2.18 min Scan# 167
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 41 Resp: 866

Ion	Ratio	Lower	Upper
41	100		
39	16.9	90.8	136.2#
76	6.9	22.2	33.4#



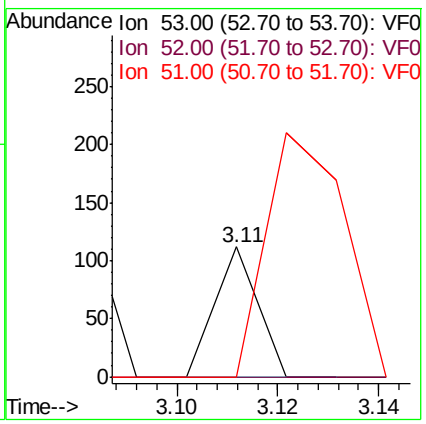


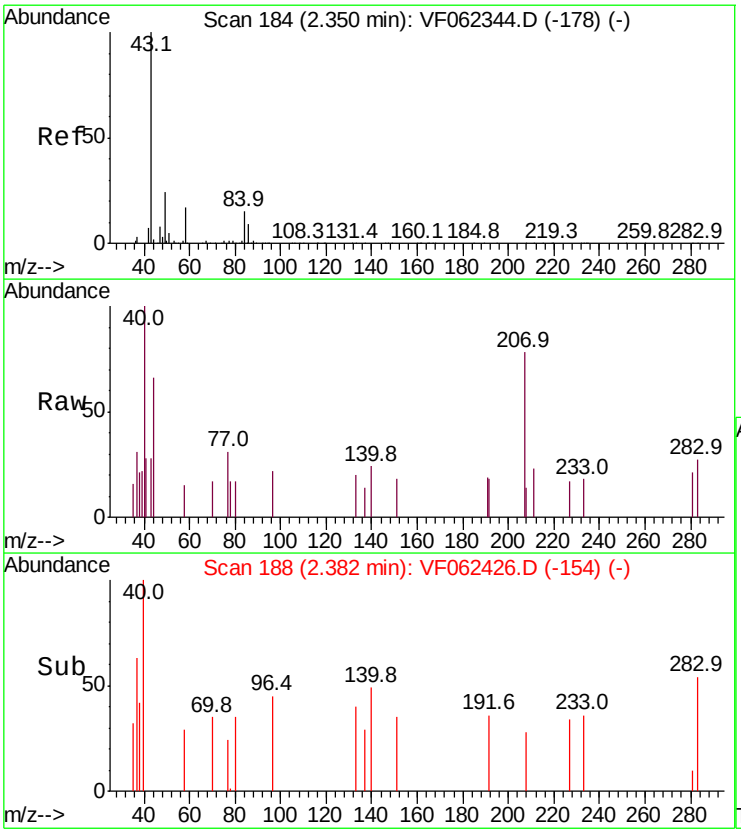
#15
Acrylonitrile
Concen: 2.786 ug/l
RT: 3.11 min Scan# 262
Delta R.T. 0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Tgt Ion: 53 Resp: 66

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	339.4	40.6	61.0#

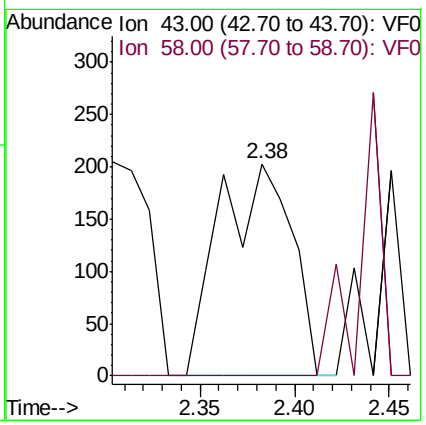


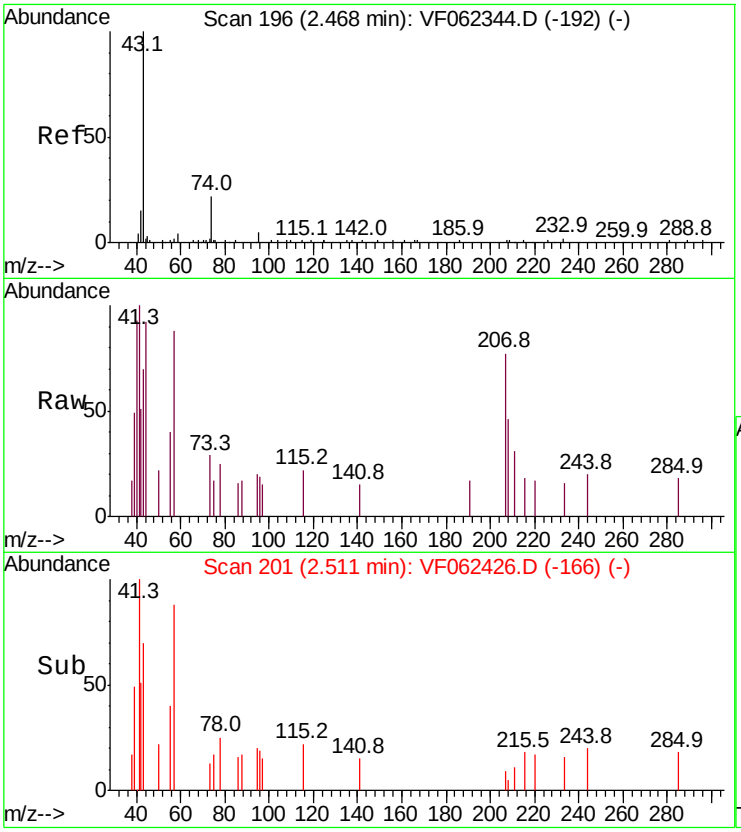


#16
Acetone
Concen: 12.017 ug/l
RT: 2.38 min Scan# 188
Delta R.T. 0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 43 Resp: 538

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.1	19.7#



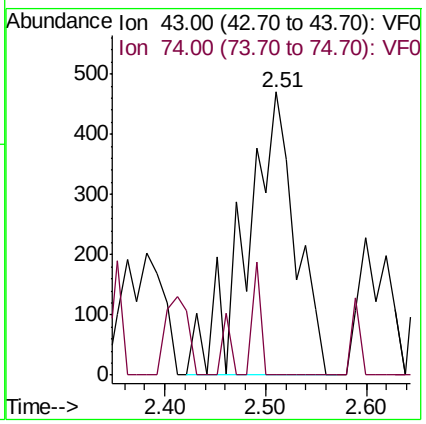


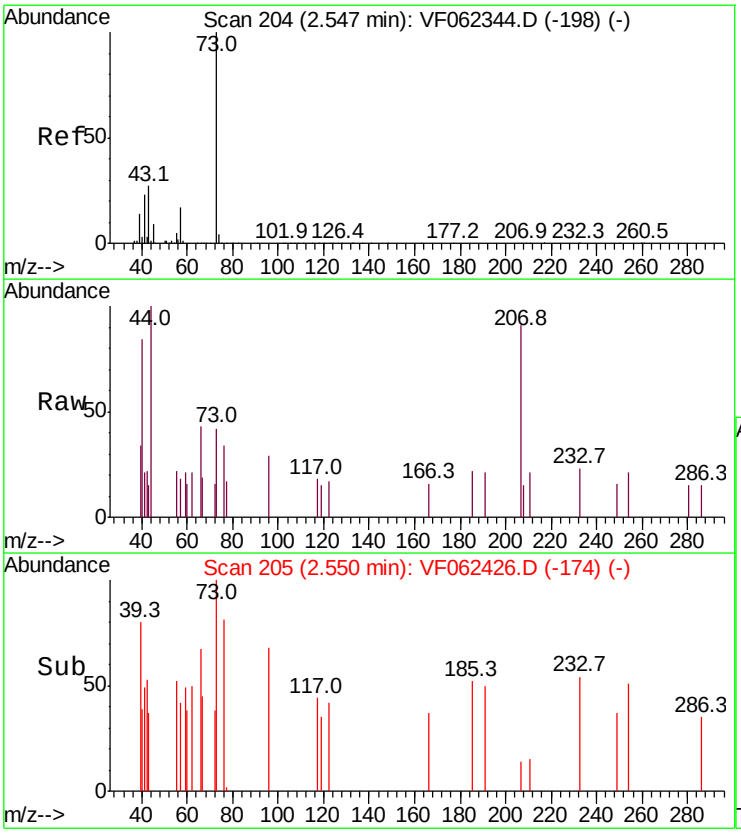
#18
Methyl Acetate
Concen: 17.683 ug/l
RT: 2.51 min Scan# 201
Delta R.T. 0.04 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 43 Resp: 1609

Ion	Ratio	Lower	Upper
43	100		
74	6.9	15.0	22.4#

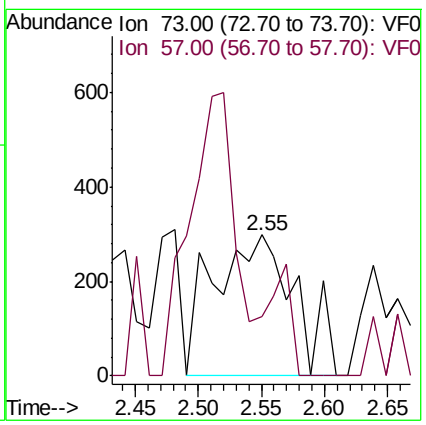


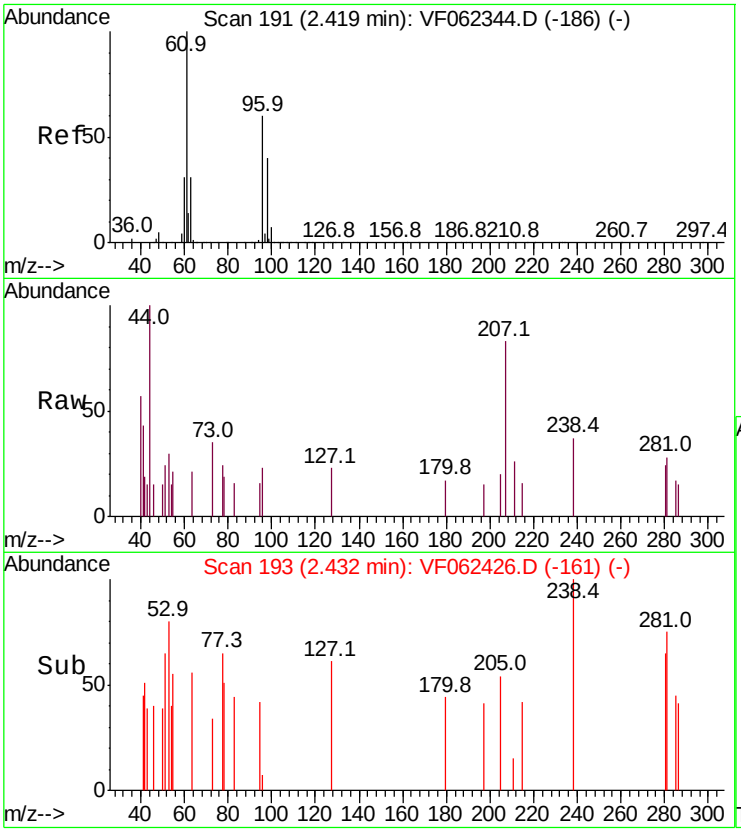


#19
Methyl tert-butyl Ether
Concen: 3.613 ug/l
RT: 2.55 min Scan# 205
Delta R.T. 0.00 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 73 Resp: 1339

Ion	Ratio	Lower	Upper
73	100		
57	41.9	13.7	20.5#



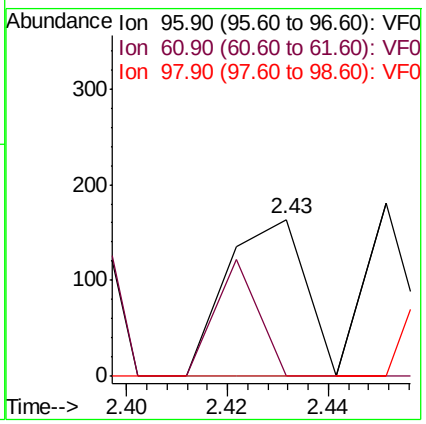


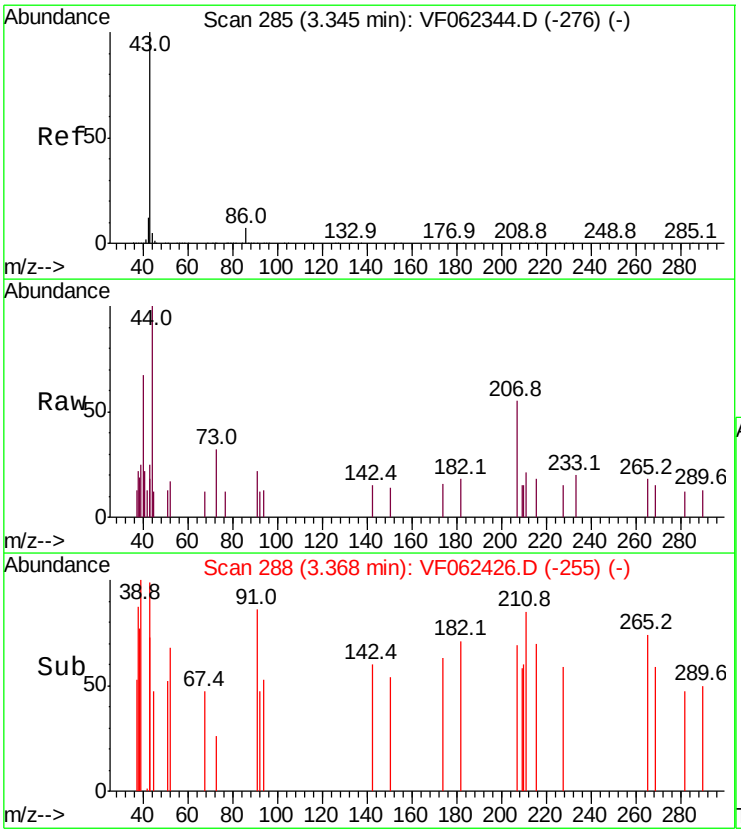
#21
trans-1,2-Dichloroethene
Concen: 1.035 ug/l
RT: 2.43 min Scan# 193
Delta R.T. 0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 96 Resp: 177

Ion	Ratio	Lower	Upper
96	100		
61	0.0	133.2	199.8#
98	0.0	53.1	79.7#

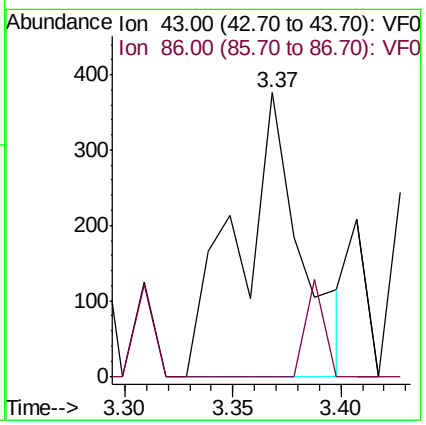


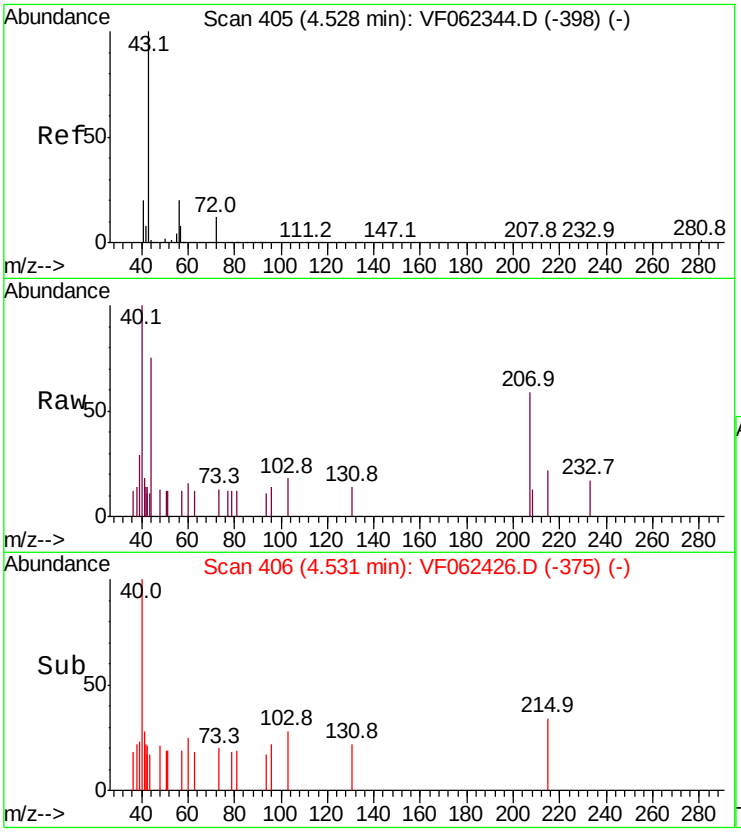


#23
Vinyl Acetate
Concen: 3.377 ug/l
RT: 3.37 min Scan# 288
Delta R.T. 0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 43 Resp: 746

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.7	8.5#



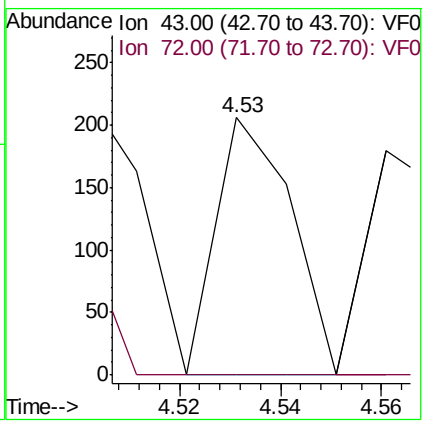


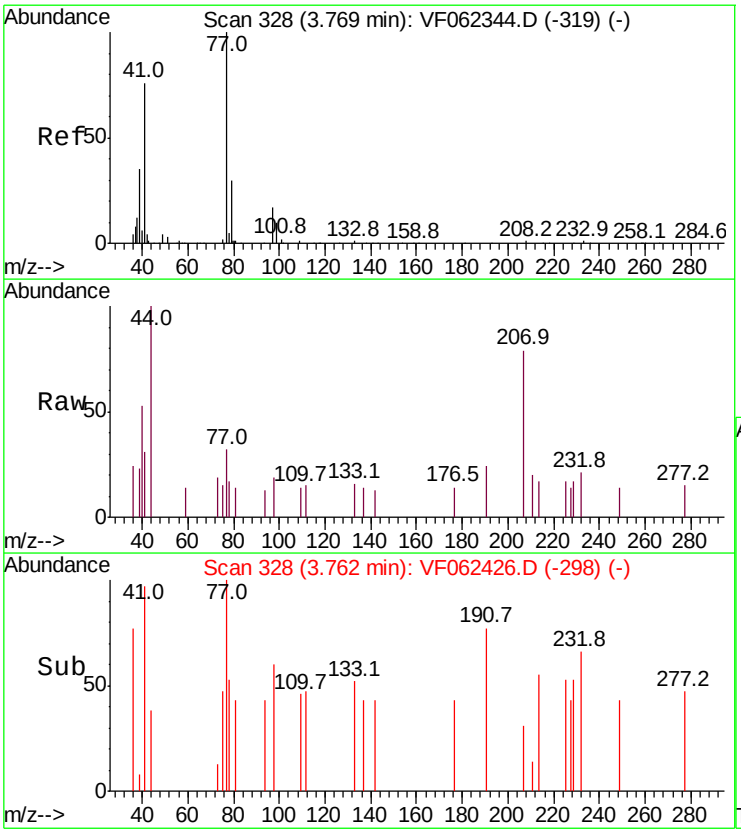
#25
2-Butanone
Concen: 3.769 ug/l
RT: 4.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 43 Resp: 212

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#

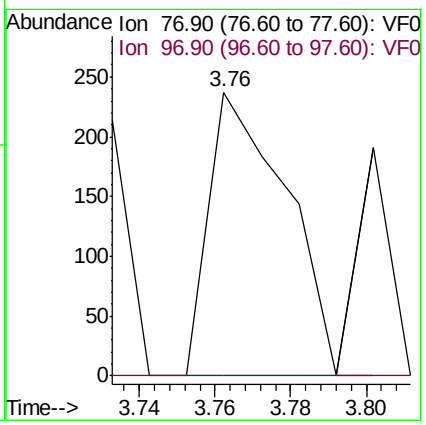


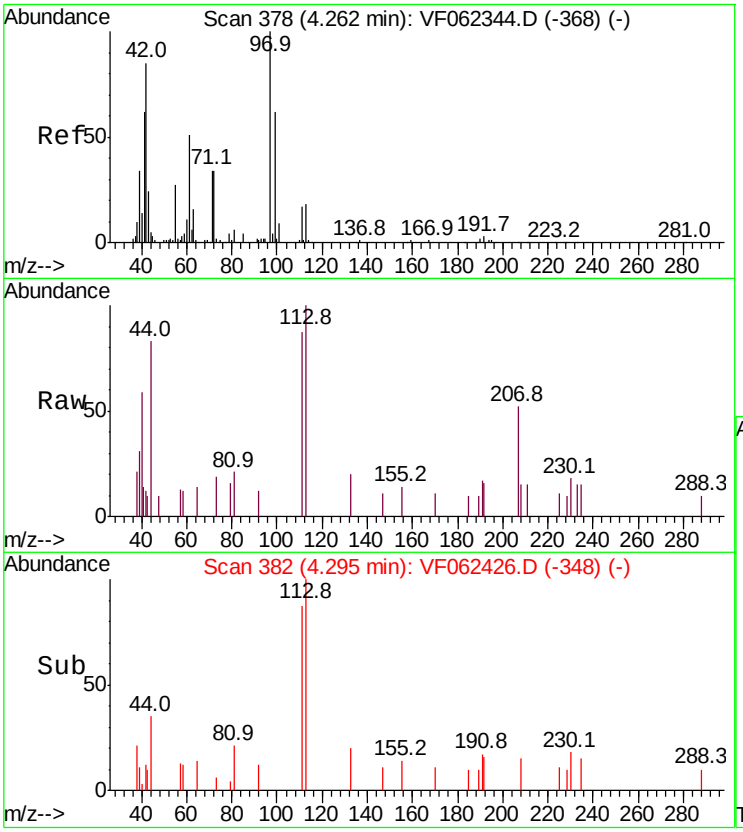


#26
2,2-Dichloropropane
Concen: 1.996 ug/l
RT: 3.76 min Scan# 328
Delta R.T. -0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 77 Resp: 334

Ion	Ratio	Lower	Upper
77	100		
97	0.0	9.5	28.5#



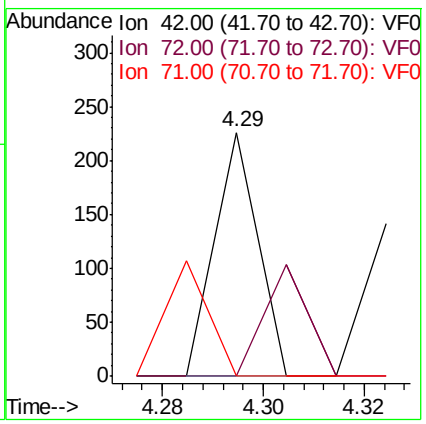


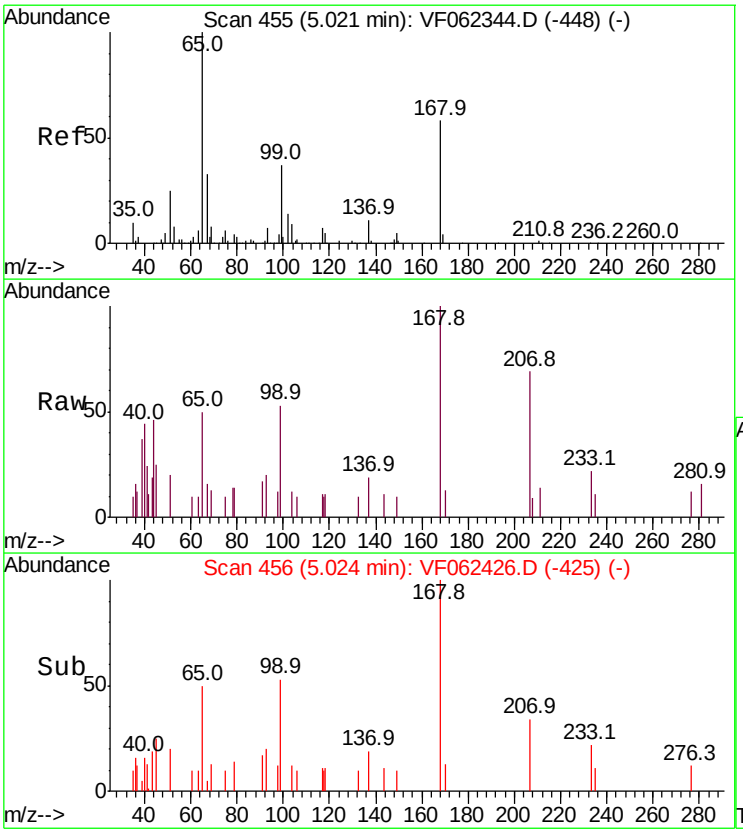
#29
Tetrahydrofuran
Concen: 5.184 ug/l
RT: 4.29 min Scan# 382
Delta R.T. 0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Tgt Ion: 42 Resp: 134

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	47.0	31.7	47.5

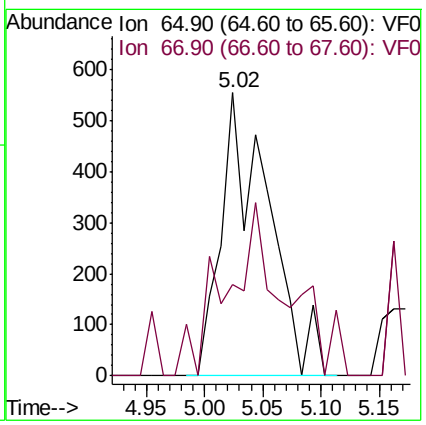


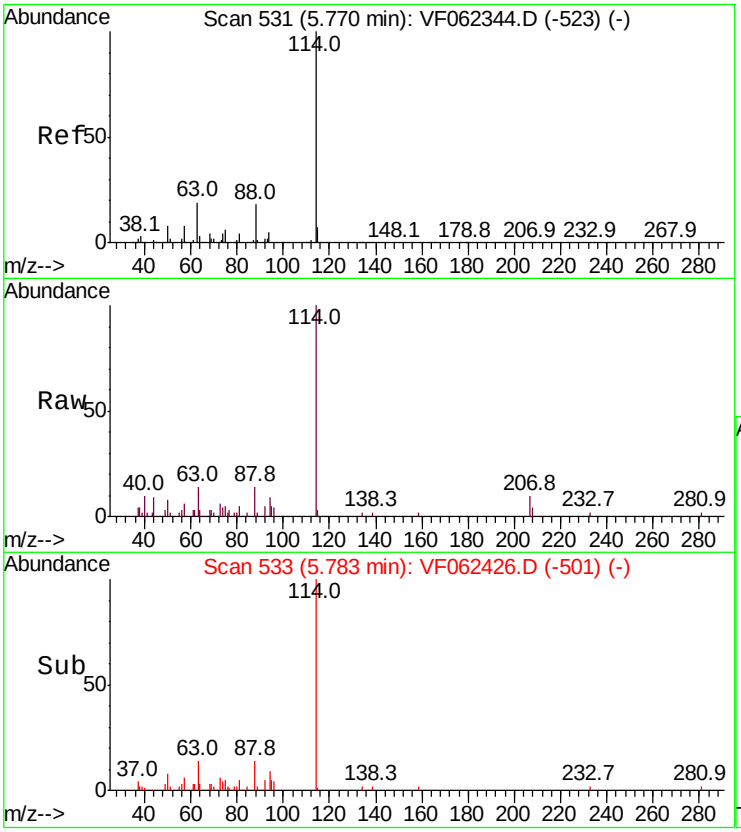


#33
1,2-Dichloroethane-d4
Concen: 7.022 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 65 Resp: 1554

Ion	Ratio	Lower	Upper
65	100		
67	79.1	0.0	85.8



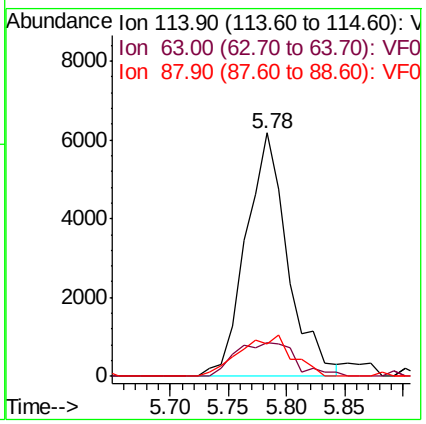


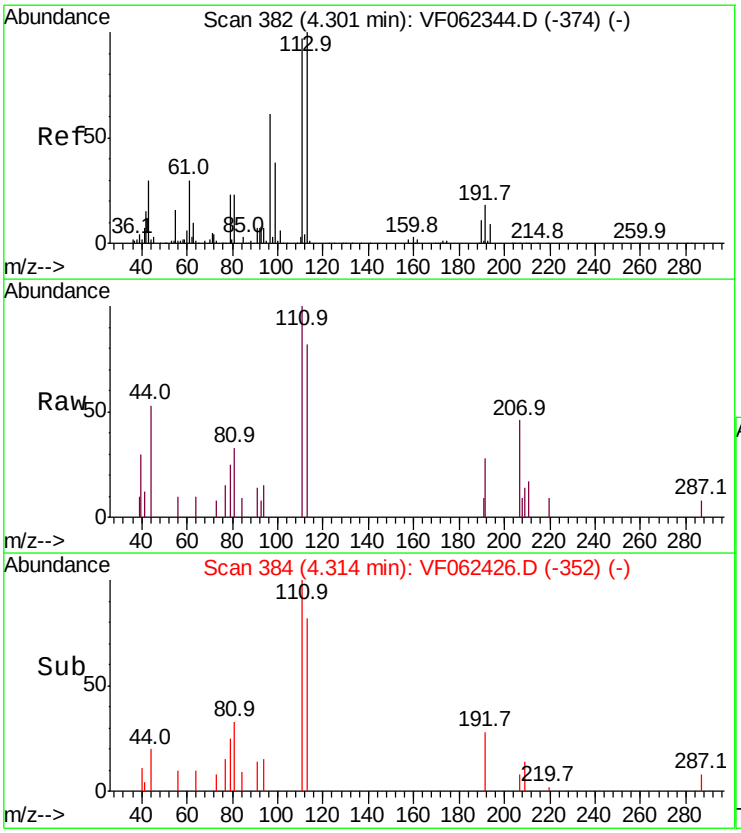
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:114 Resp: 15383

Ion	Ratio	Lower	Upper
114	100		
63	13.7	0.0	37.4
88	13.6	0.0	36.4

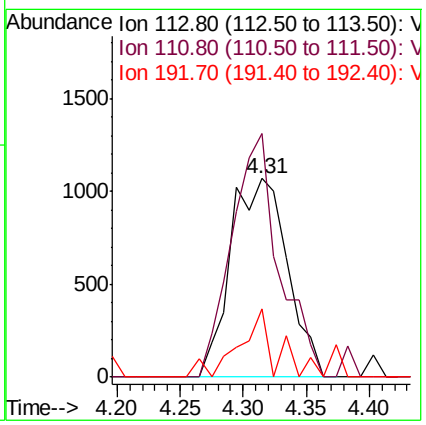


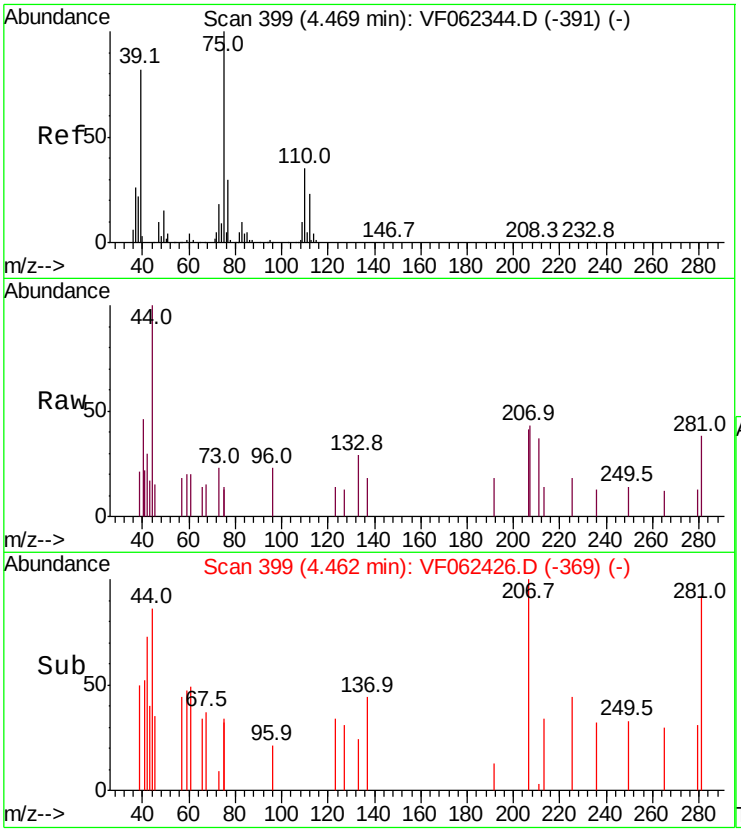


#35
Dibromofluoromethane
Concen: 27.384 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:113 Resp: 3356

Ion	Ratio	Lower	Upper
113	100		
111	101.9	79.4	119.0
192	22.5	16.0	24.0



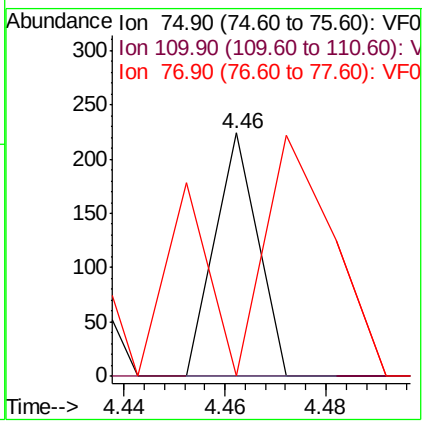


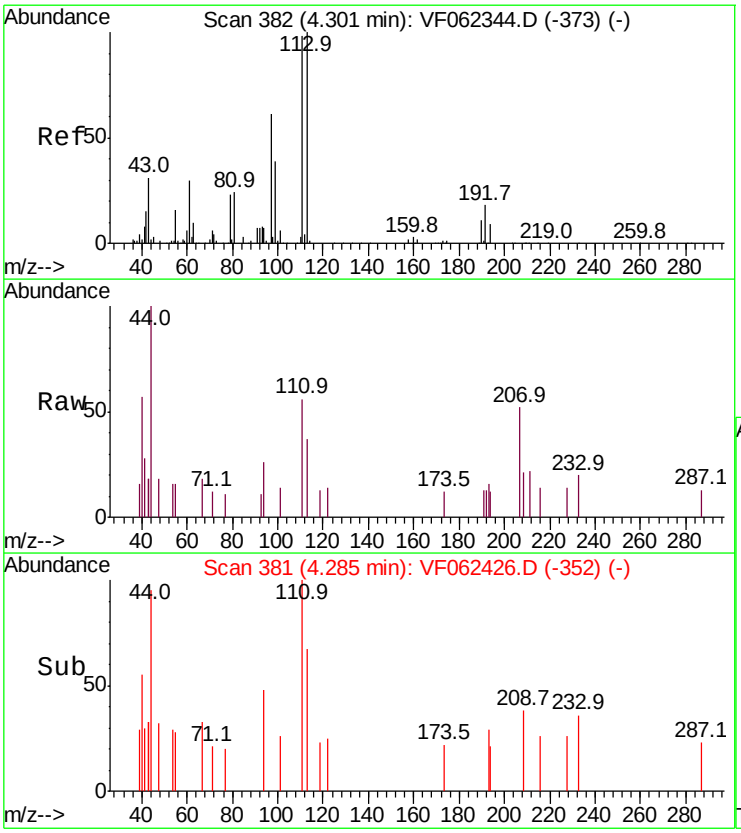
#36
1,1-Dichloropropene
Concen: 1.006 ug/l
RT: 4.46 min Scan# 399
Delta R.T. -0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Tgt Ion: 75 Resp: 133

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.2	51.5#
77	233.1	25.2	37.8#

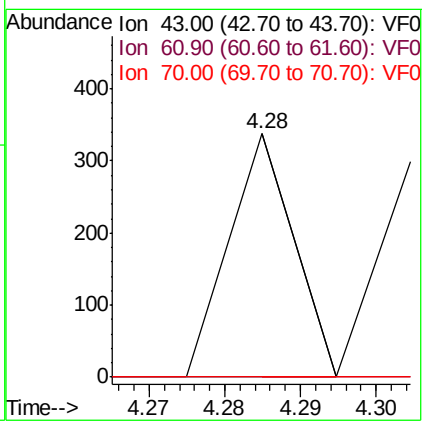


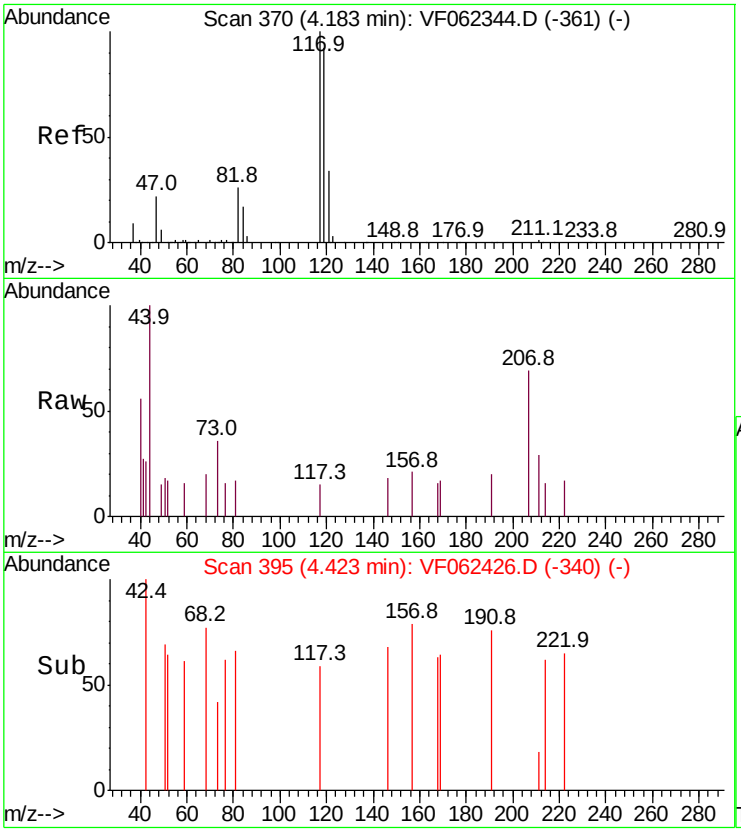


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 381
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 43 Resp: 200

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	0.0	8.2	12.2#



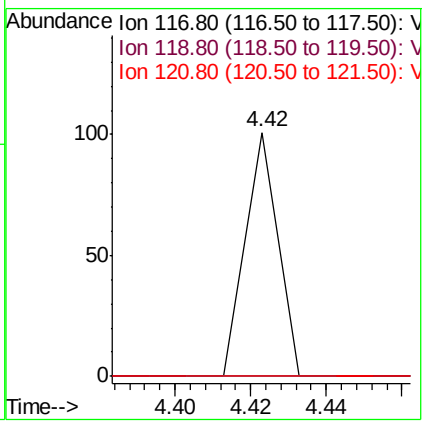


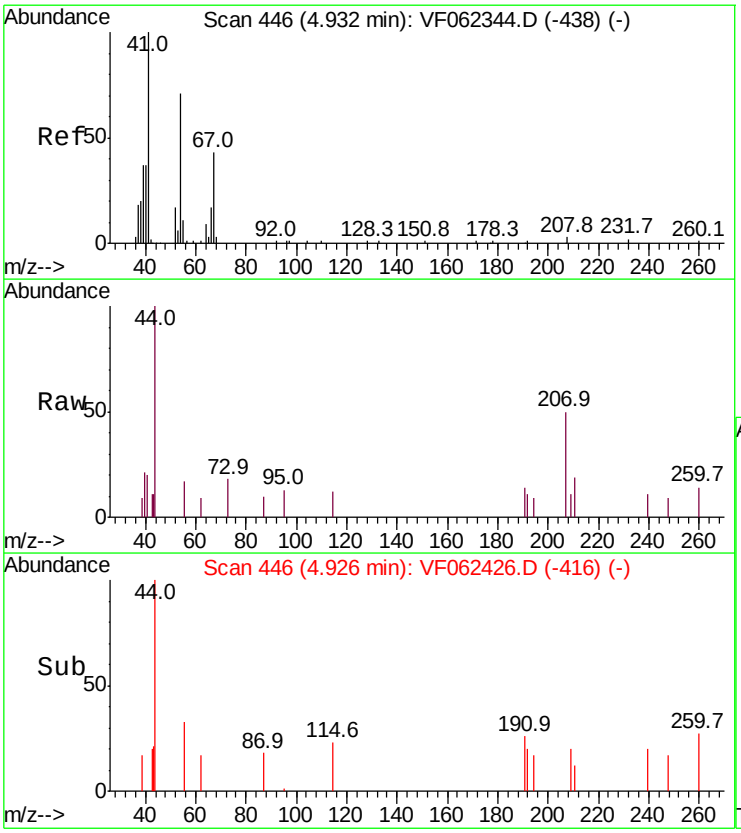
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.42 min Scan# 395
Delta R.T. 0.24 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:117 Resp: 60

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	0.0	27.4	41.0#

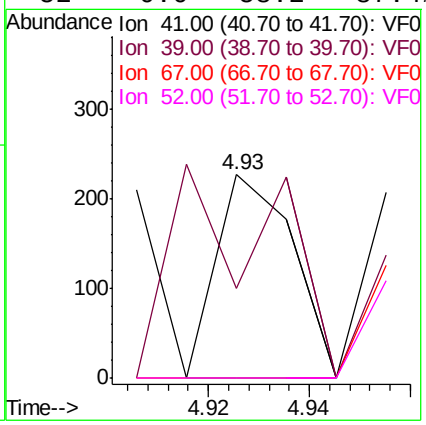


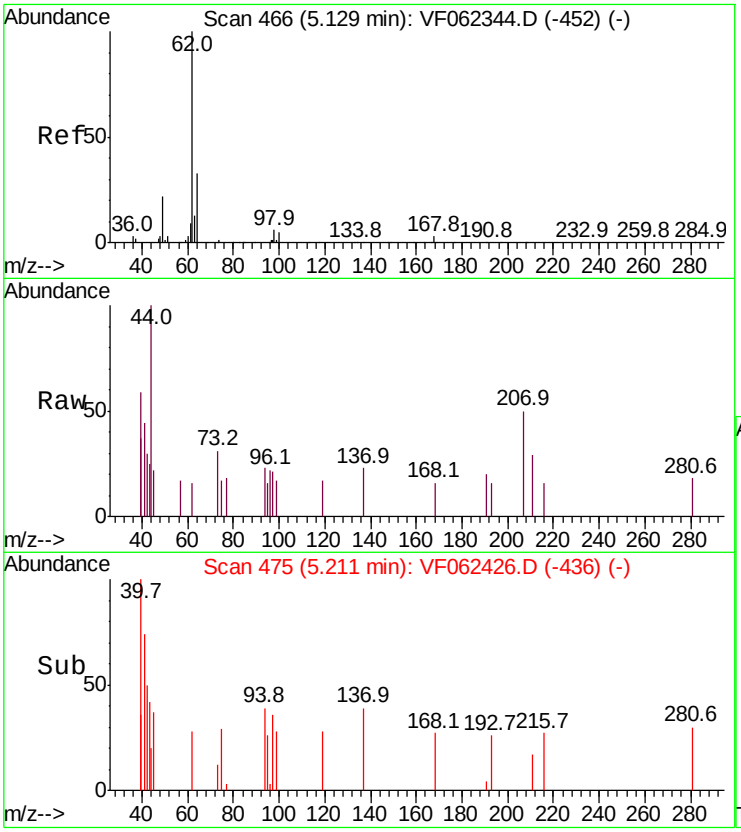


#41
Methacrylonitrile
Concen: 7.543 ug/l
RT: 4.93 min Scan# 446
Delta R.T. -0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 41 Resp: 239

Ion	Ratio	Lower	Upper
41	100		
39	174.1	54.3	81.5#
67	0.0	37.8	56.8#
52	0.0	58.2	87.4#



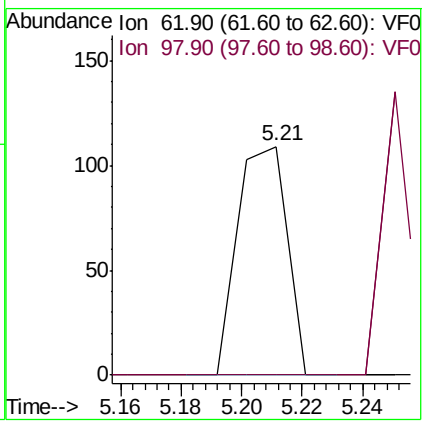


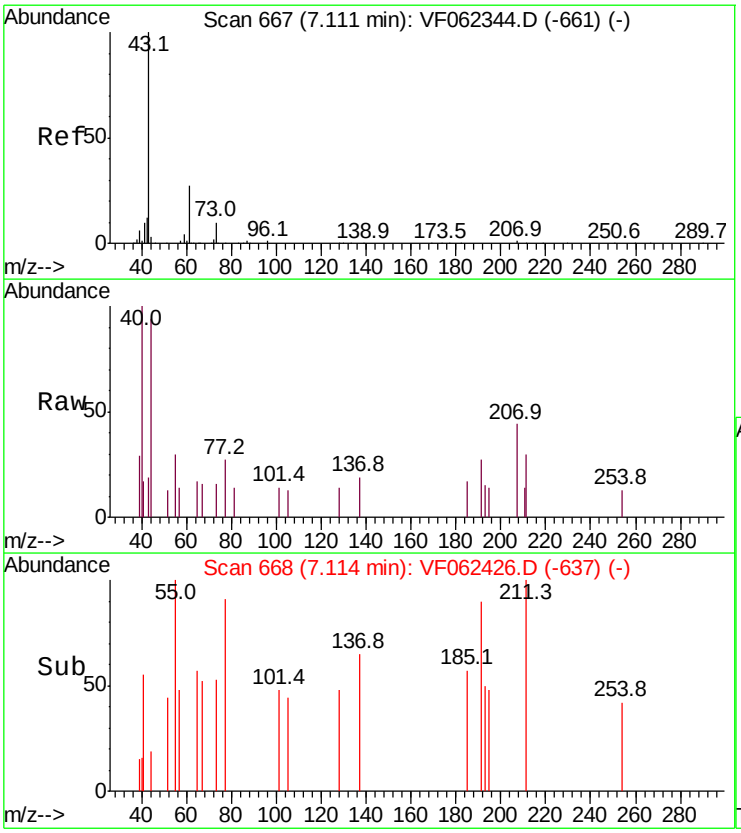
#42
1,2-Dichloroethane
Concen: 1.027 ug/l
RT: 5.21 min Scan# 475
Delta R.T. 0.08 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 62 Resp: 125

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	12.4

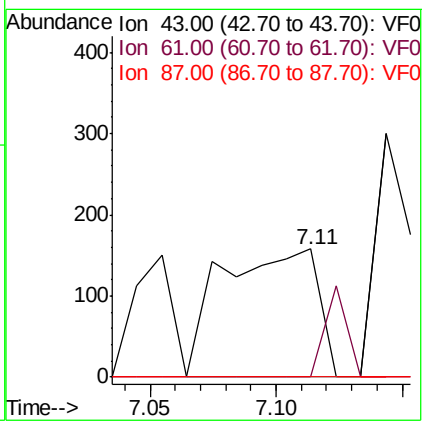


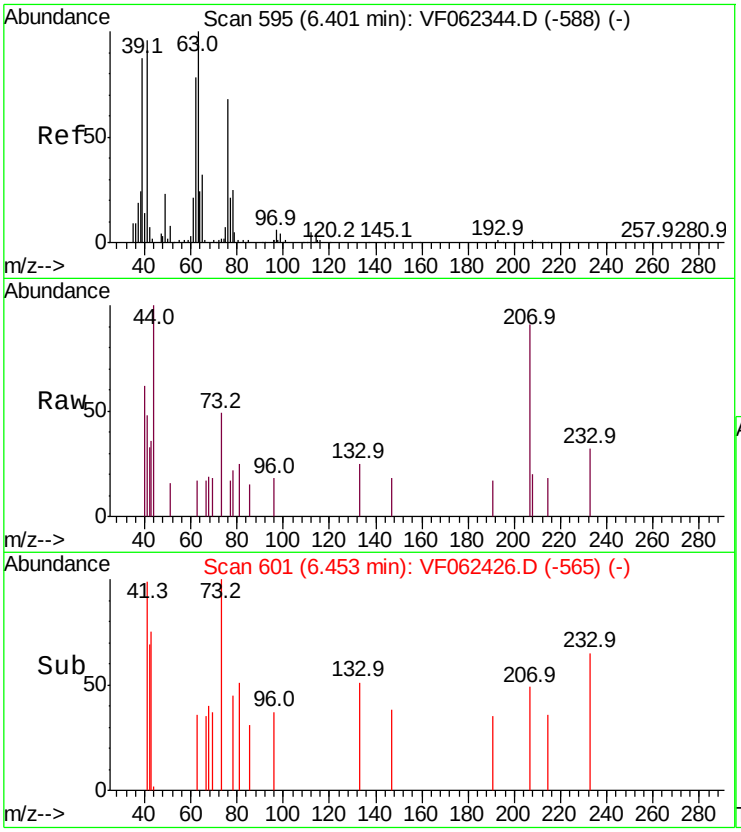


#43
Isopropyl Acetate
Concen: 6.971 ug/l
RT: 7.11 min Scan# 668
Delta R.T. 0.00 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 43 Resp: 419

Ion	Ratio	Lower	Upper
43	100		
61	16.0	22.8	34.2#
87	0.0	0.6	1.0#



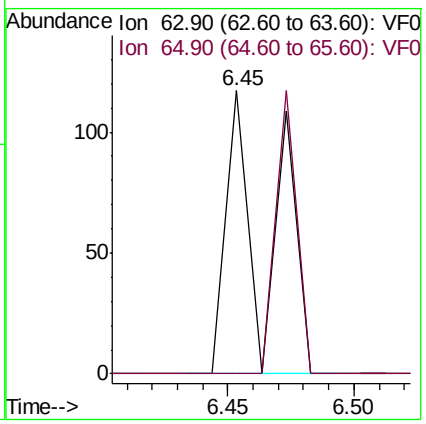


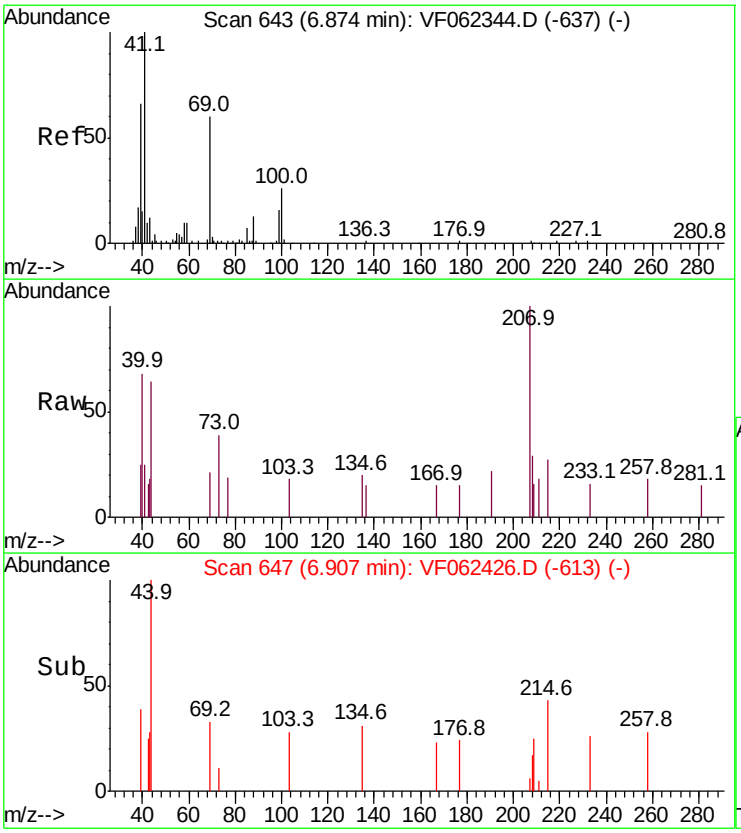
#45
1,2-Dichloropropane
Concen: 2.033 ug/l
RT: 6.45 min Scan# 601
Delta R.T. 0.05 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 63 Resp: 134

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#

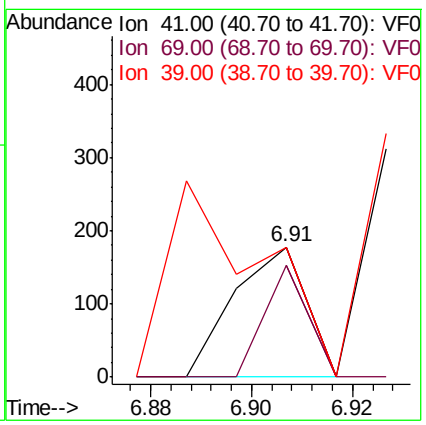


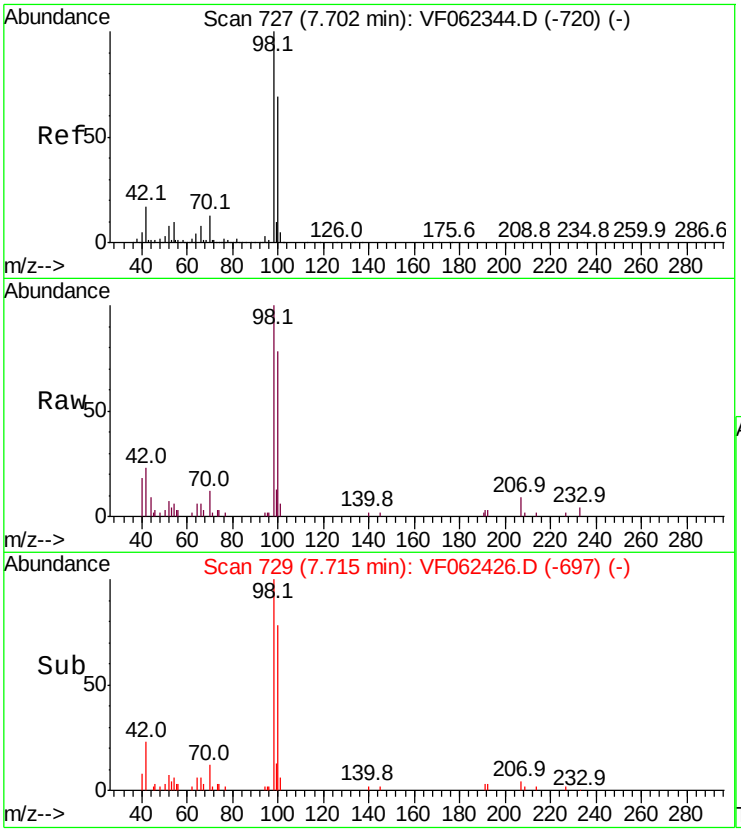


#48
Methyl methacrylate
Concen: 4.167 ug/l
RT: 6.91 min Scan# 647
Delta R.T. 0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 41 Resp: 177

Ion	Ratio	Lower	Upper
41	100		
69	50.8	48.6	72.8
39	195.5	56.1	84.1#



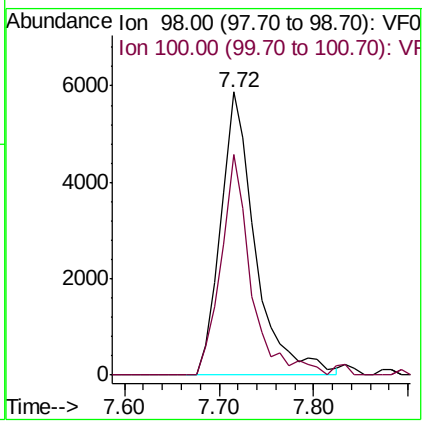


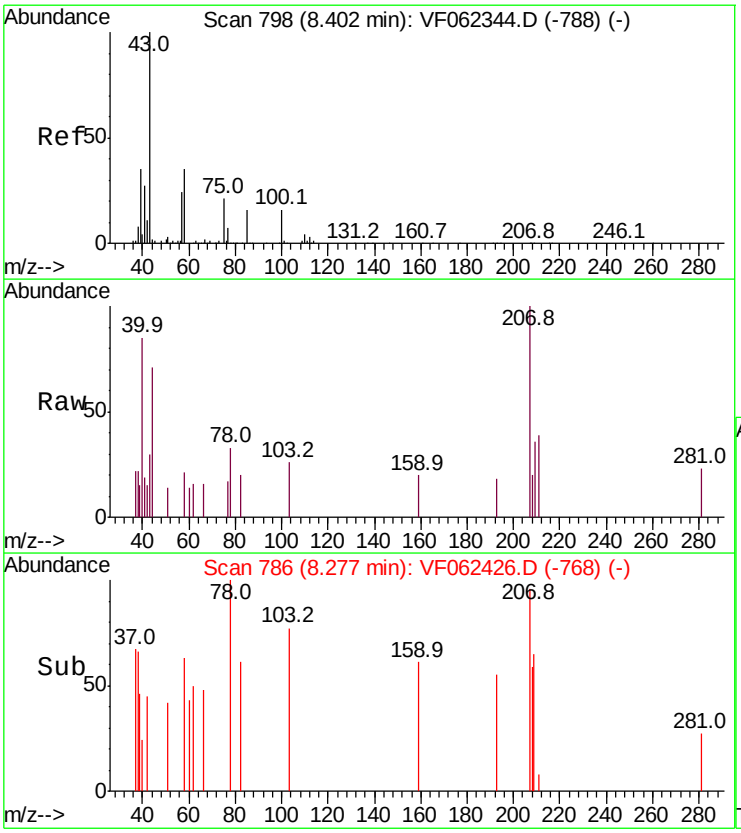
#50
Toluene-d8
Concen: 50.334 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 98 Resp: 14932

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.3	79.9

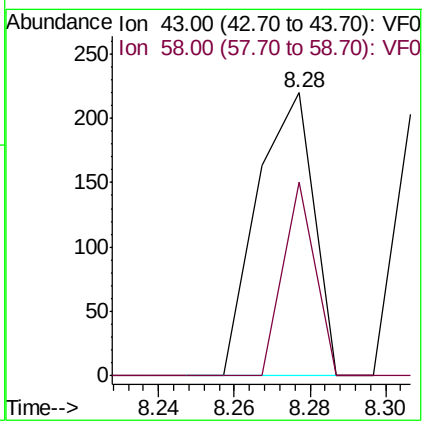


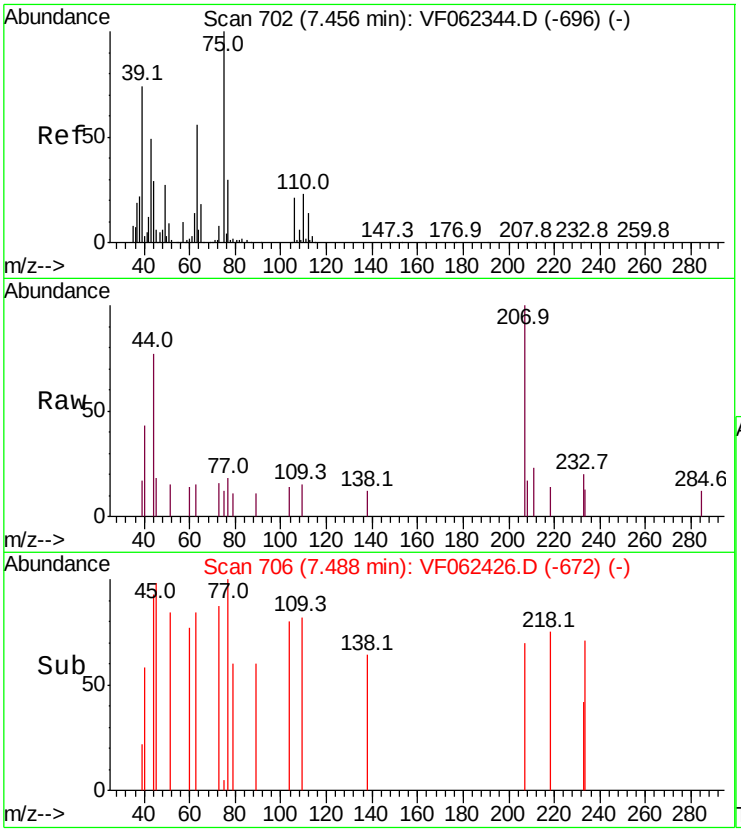


#51
4-Methyl-2-Pentanone
Concen: 4.962 ug/l
RT: 8.28 min Scan# 786
Delta R.T. -0.13 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 43 Resp: 226

Ion	Ratio	Lower	Upper
43	100		
58	39.4	27.8	41.6



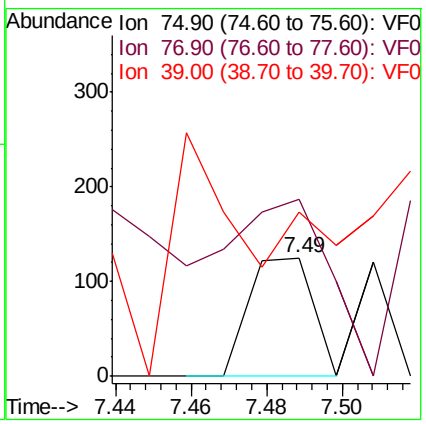


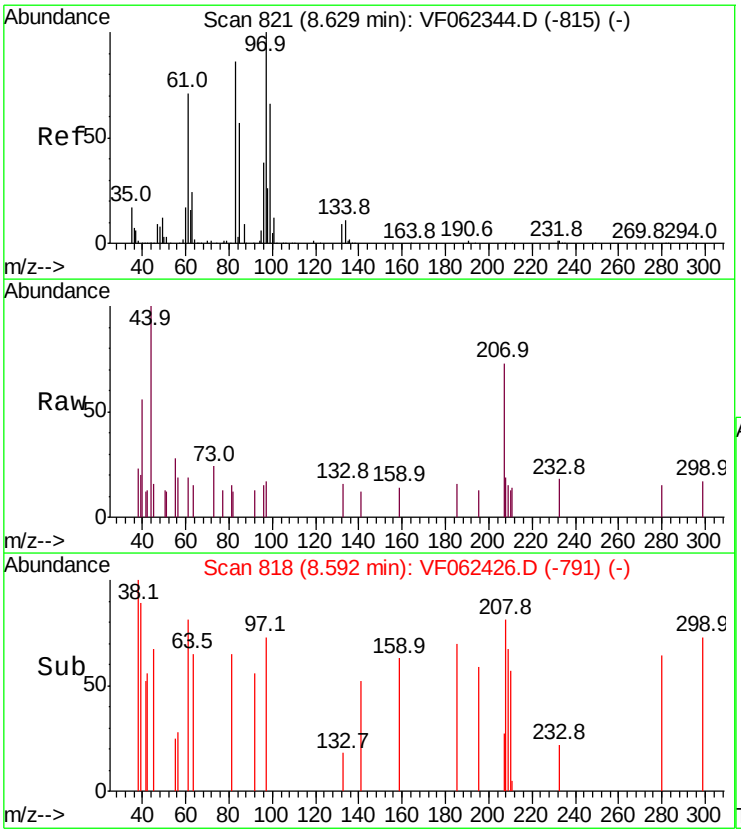
#54
cis-1,3-Dichloropropene
Concen: 1.214 ug/l
RT: 7.49 min Scan# 706
Delta R.T. 0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 75 Resp: 146

Ion	Ratio	Lower	Upper
75	100		
77	69.6	24.0	36.0#
39	28.0	58.7	88.1#

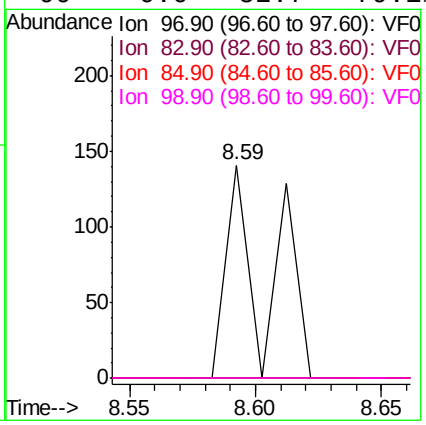


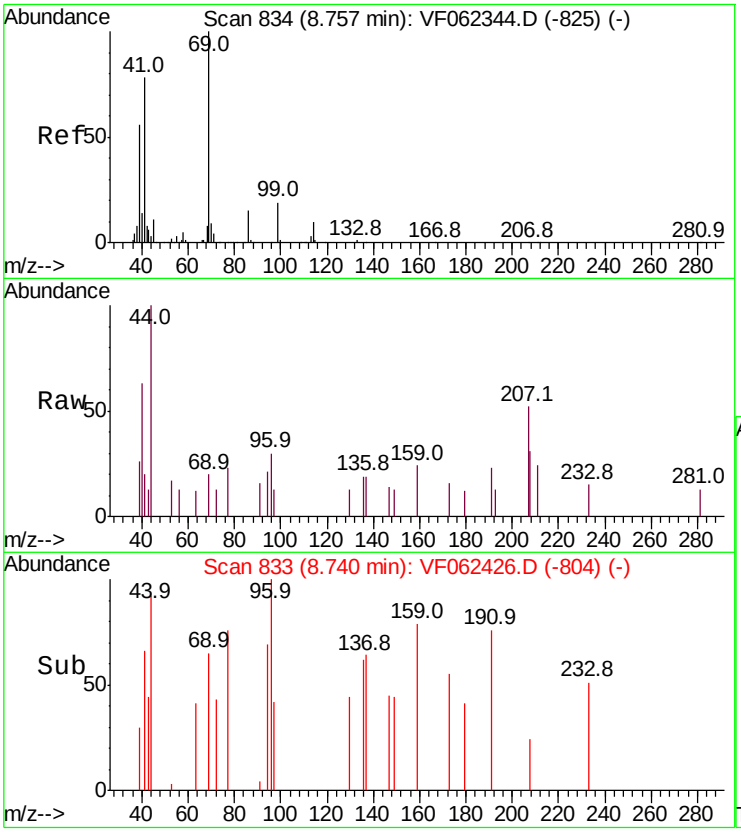


#55
1,1,2-Trichloroethane
Concen: 2.808 ug/l
RT: 8.59 min Scan# 818
Delta R.T. -0.04 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 97 Resp: 160

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.5	102.7#
85	0.0	45.4	68.2#
99	0.0	52.7	79.1#



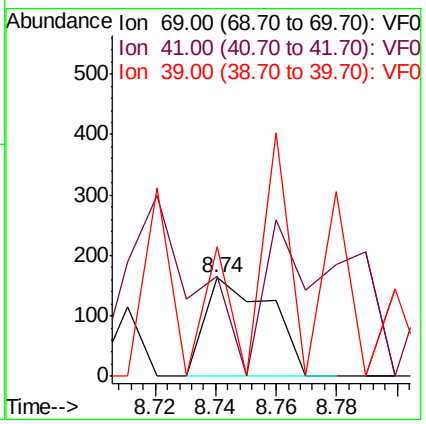


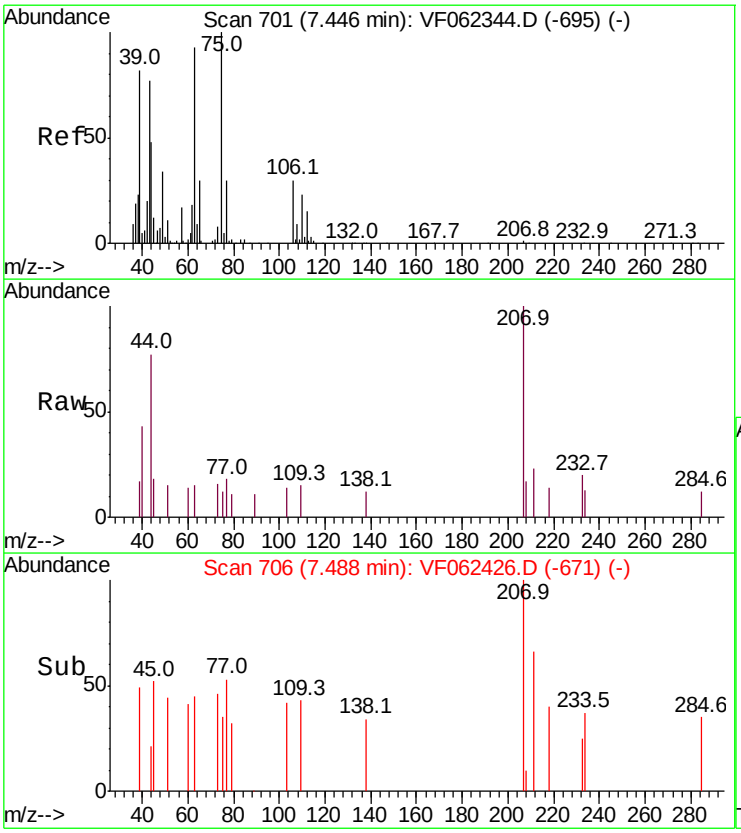
#56
Ethyl methacrylate
Concen: 4.056 ug/l
RT: 8.74 min Scan# 833
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Tgt Ion: 69 Resp: 244

Ion	Ratio	Lower	Upper
69	100		
41	192.2	66.3	99.5#
39	259.0	50.1	75.1#

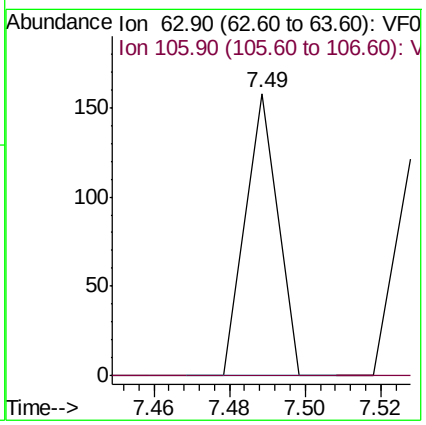


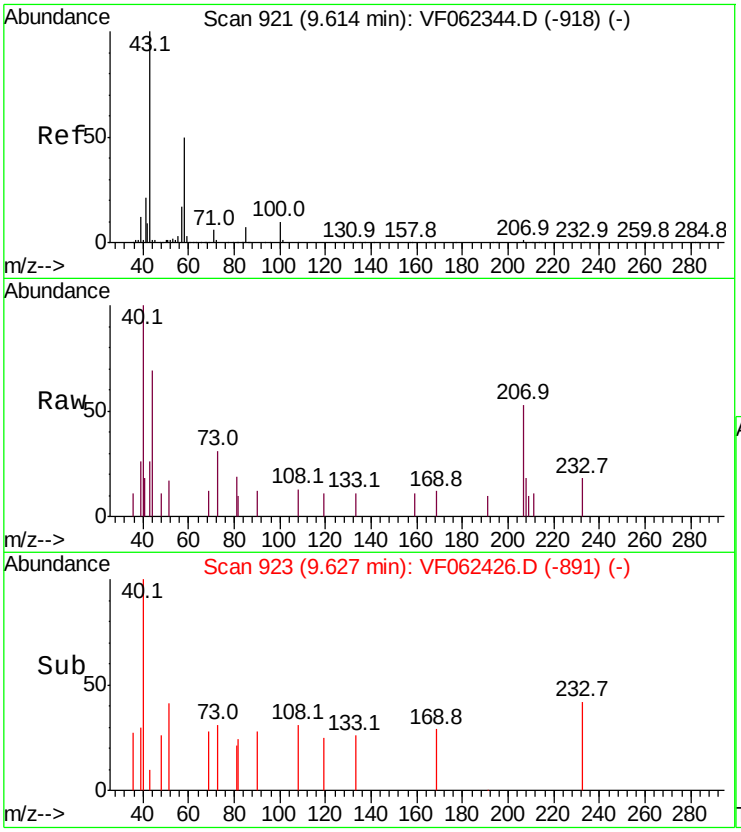


#58
2-Chloroethyl Vinyl ether
Concen: 5.142 ug/l
RT: 7.49 min Scan# 706
Delta R.T. 0.04 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 63 Resp: 93

Ion	Ratio	Lower	Upper
63	100		
106	0.0	25.8	38.8#



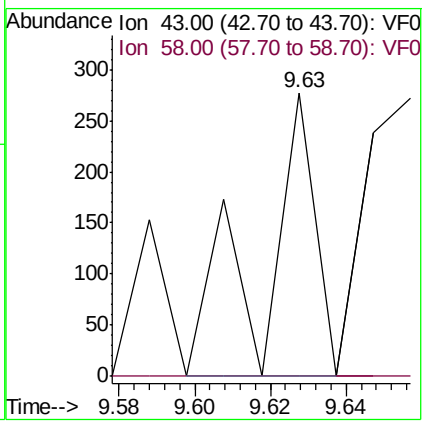


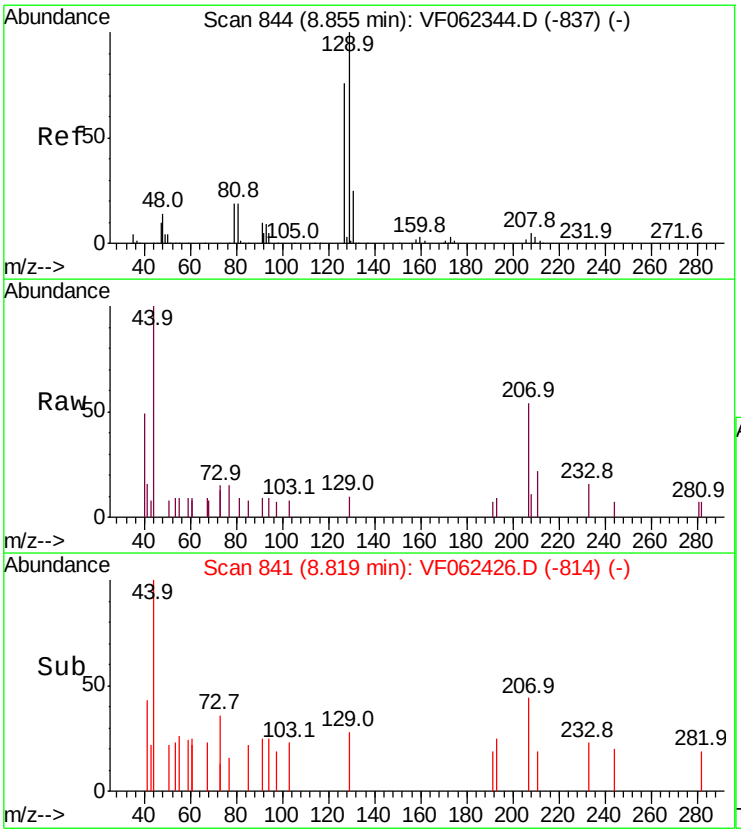
#59
2-Hexanone
Concen: 8.476 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Tgt Ion: 43 Resp: 267

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.3	73.0#

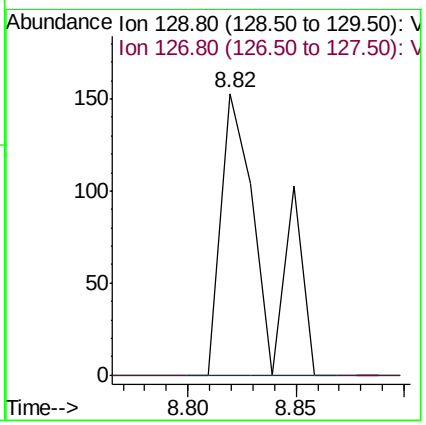


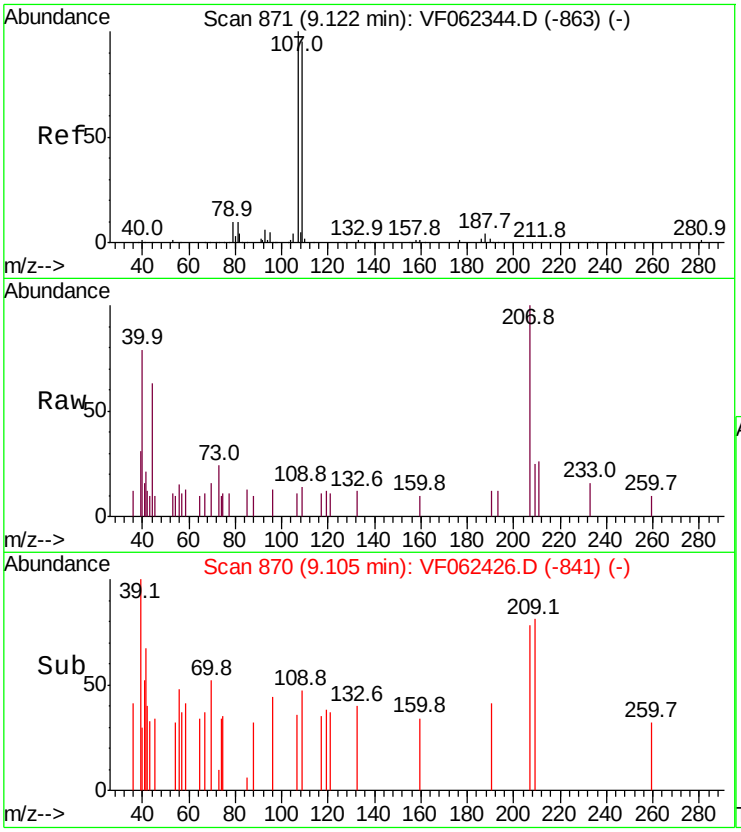


#60
Dibromochloromethane
Concen: 2.285 ug/l
RT: 8.82 min Scan# 841
Delta R.T. -0.04 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:129 Resp: 213

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



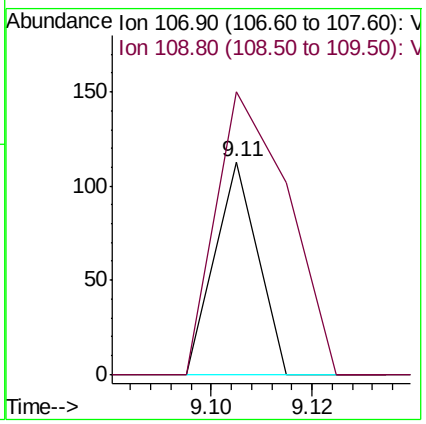


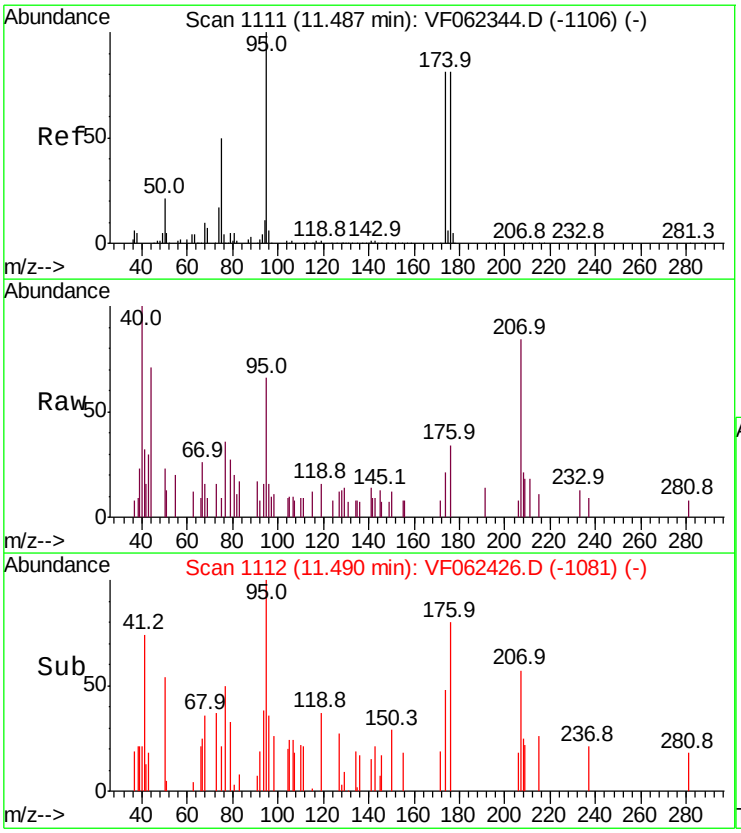
#61
1,2-Dibromoethane
Concen: 1.000 ug/l
RT: 9.11 min Scan# 870
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:107 Resp: 67

Ion	Ratio	Lower	Upper
107	100		
109	222.4	75.2	112.8#

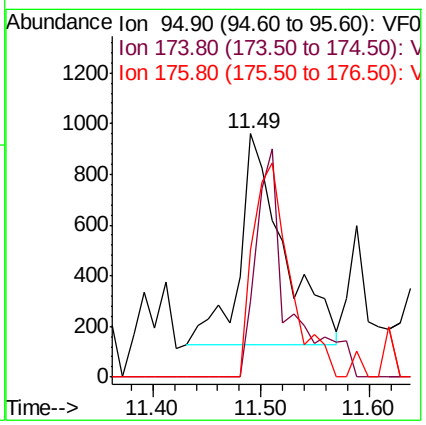


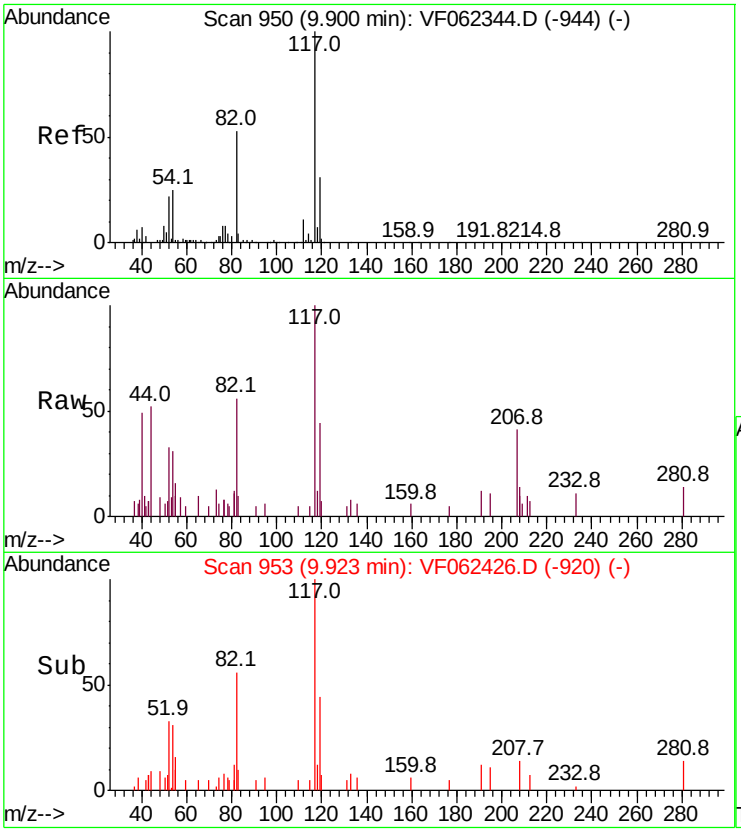


#62
4-Bromofluorobenzene
Concen: 17.633 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 95 Resp: 2360

Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	191.8
176	85.3	0.0	193.2



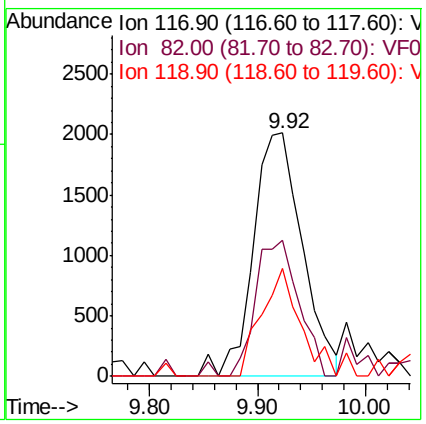


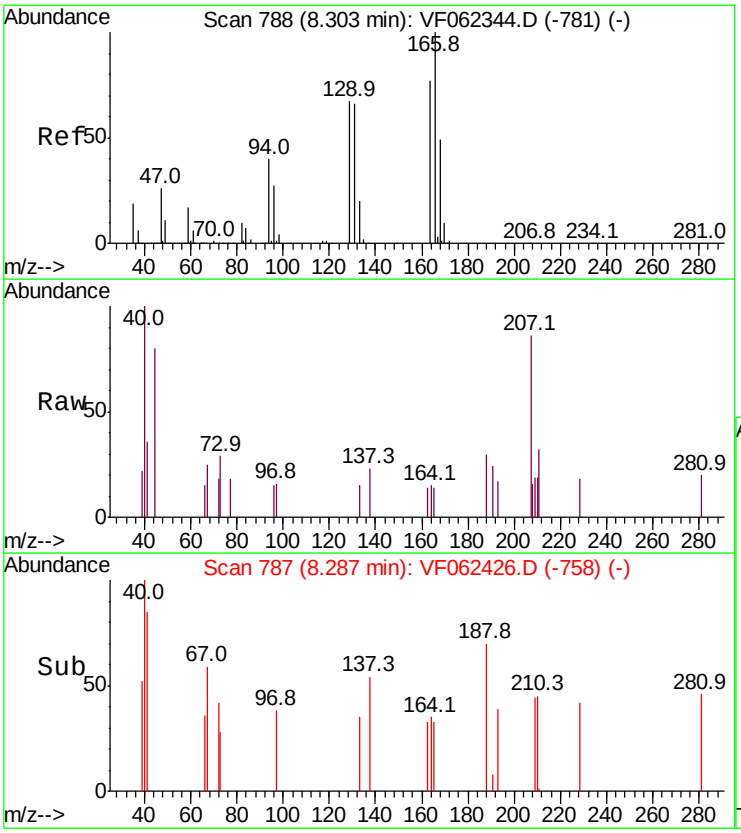
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:117 Resp: 6416

Ion	Ratio	Lower	Upper
117	100		
82	55.9	42.2	63.2
119	44.4	25.0	37.4#

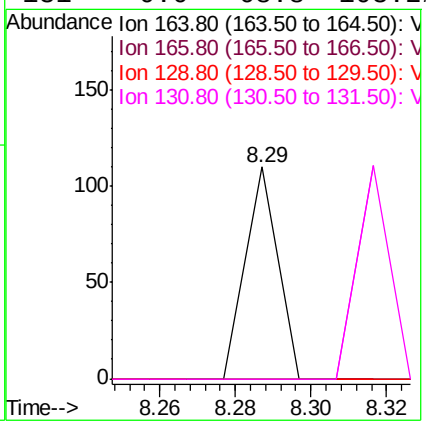


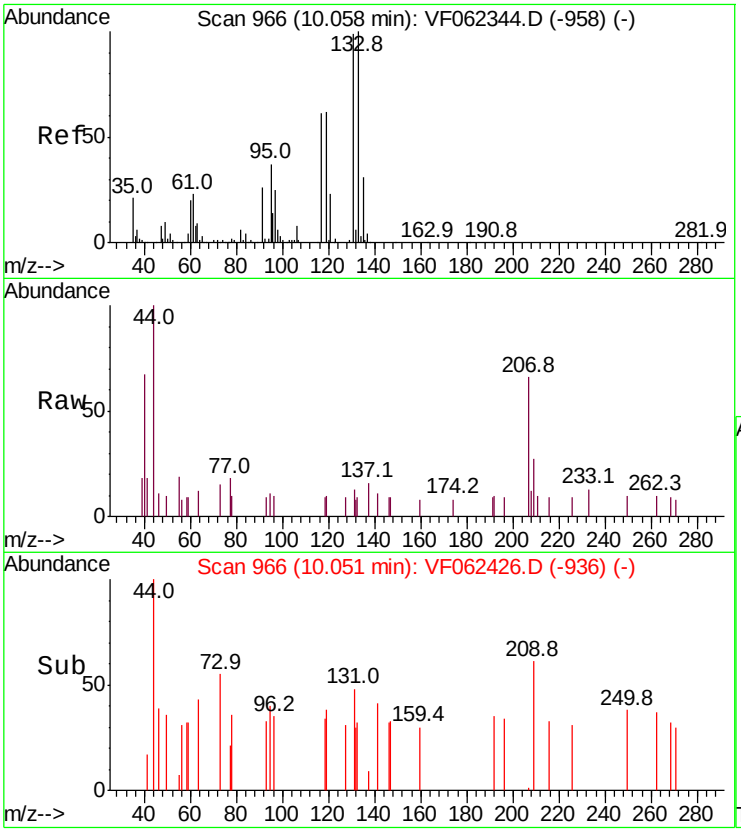


#64
Tetrachloroethene
Concen: 1.248 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:164 Resp: 65

Ion	Ratio	Lower	Upper
164	100		
166	0.0	104.2	156.4#
129	0.0	69.6	104.4#
131	0.0	68.8	103.2#



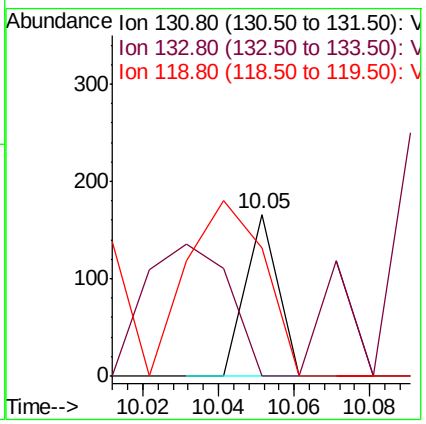


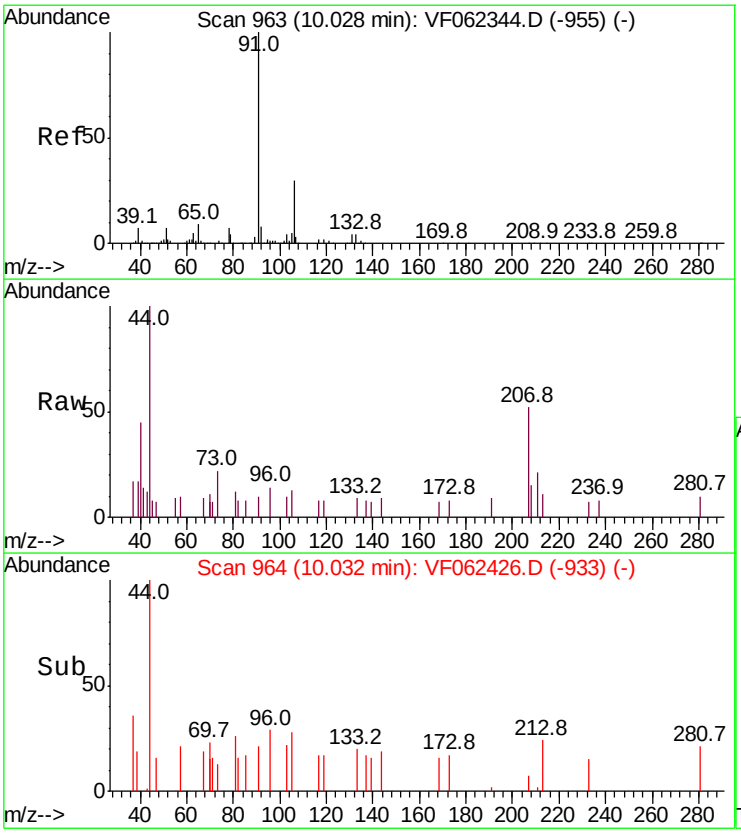
#66
1,1,1,2-Tetrachloroethane
Concen: 1.830 ug/l
RT: 10.05 min Scan# 966
Delta R.T. -0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:131 Resp: 98

Ion	Ratio	Lower	Upper
131	100		
133	215.3	50.2	150.7#
119	342.9	31.6	95.0#

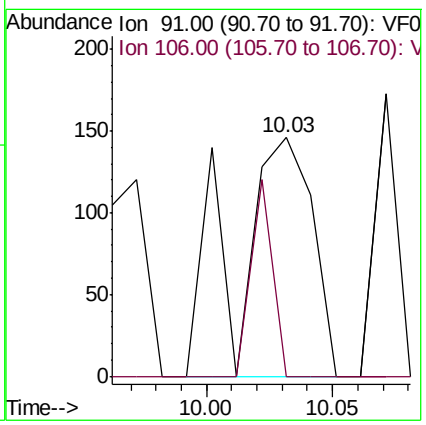


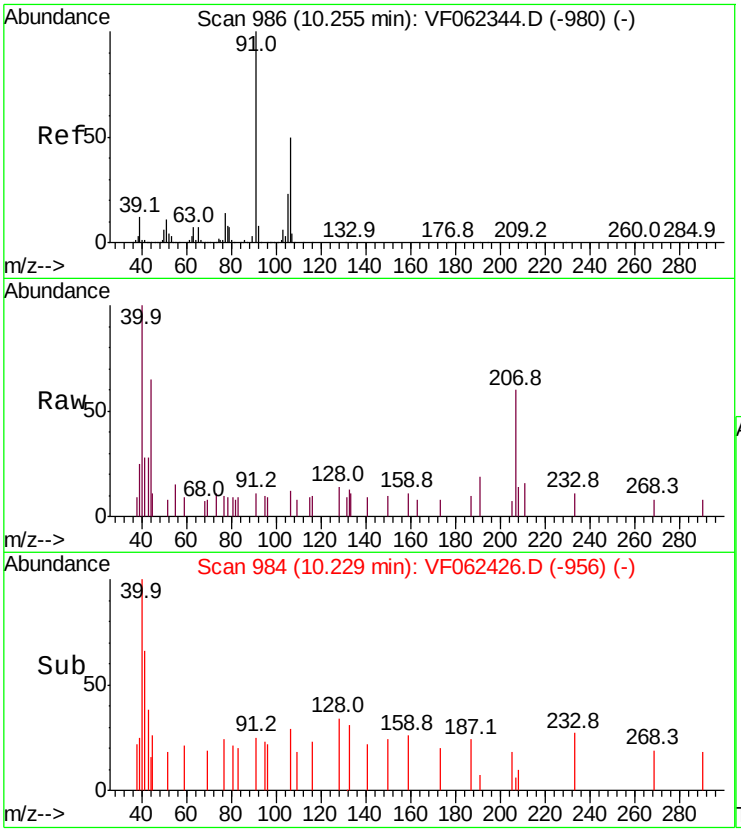


#67
Ethyl Benzene
Concen: 1.673 ug/l
RT: 10.03 min Scan# 964
Delta R.T. 0.00 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 91 Resp: 311

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.1	36.1#



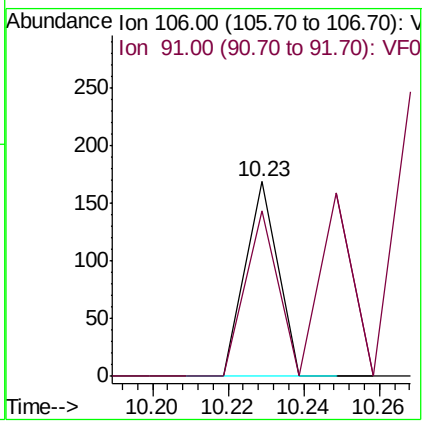


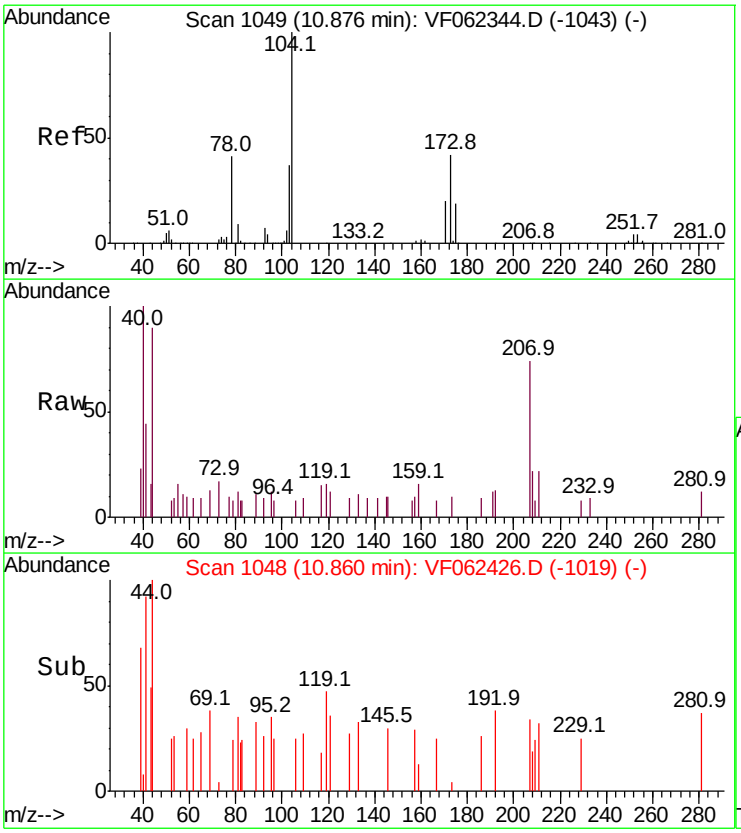
#68
m/p-Xylenes
Concen: 1.443 ug/l
RT: 10.23 min Scan# 984
Delta R.T. -0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:106 Resp: 99

Ion	Ratio	Lower	Upper
106	100		
91	85.9	167.4	251.2#

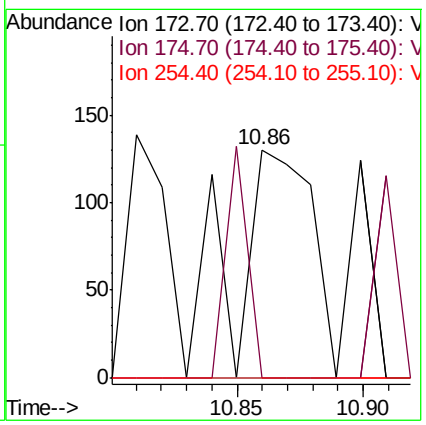


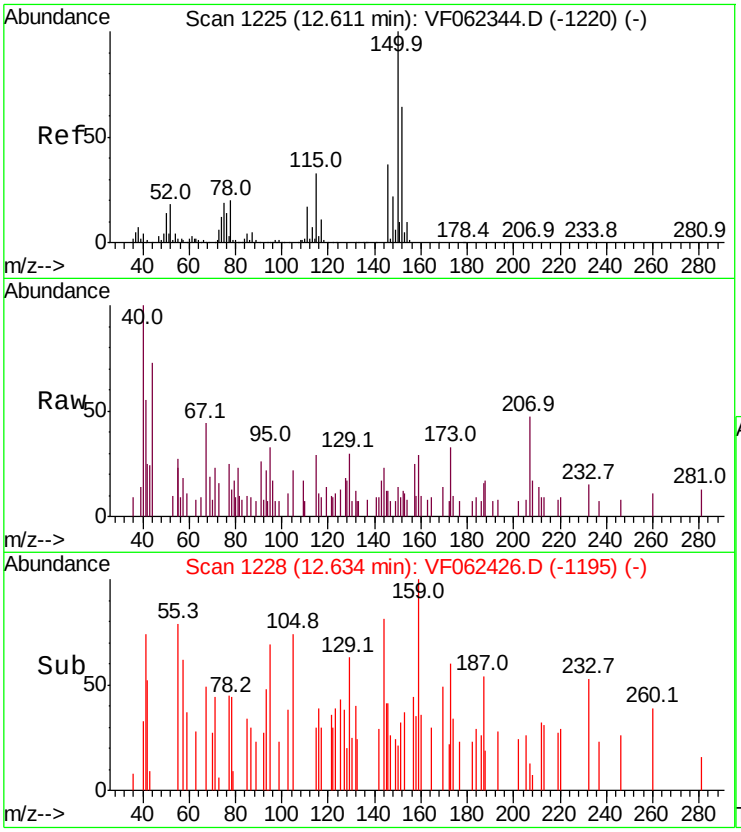


#71
Bromoform
Concen: 9.646 ug/l
RT: 10.86 min Scan# 1048
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:173 Resp: 283

Ion	Ratio	Lower	Upper
173	100		
175	27.6	23.8	71.2
254	0.0	0.1	0.1#



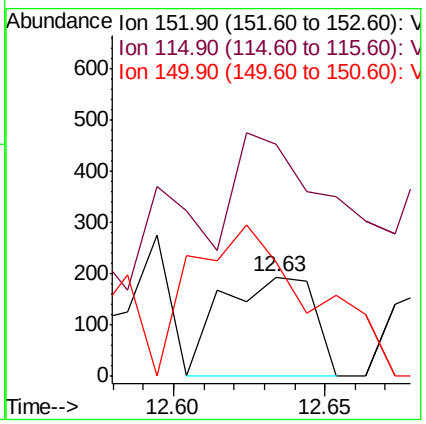


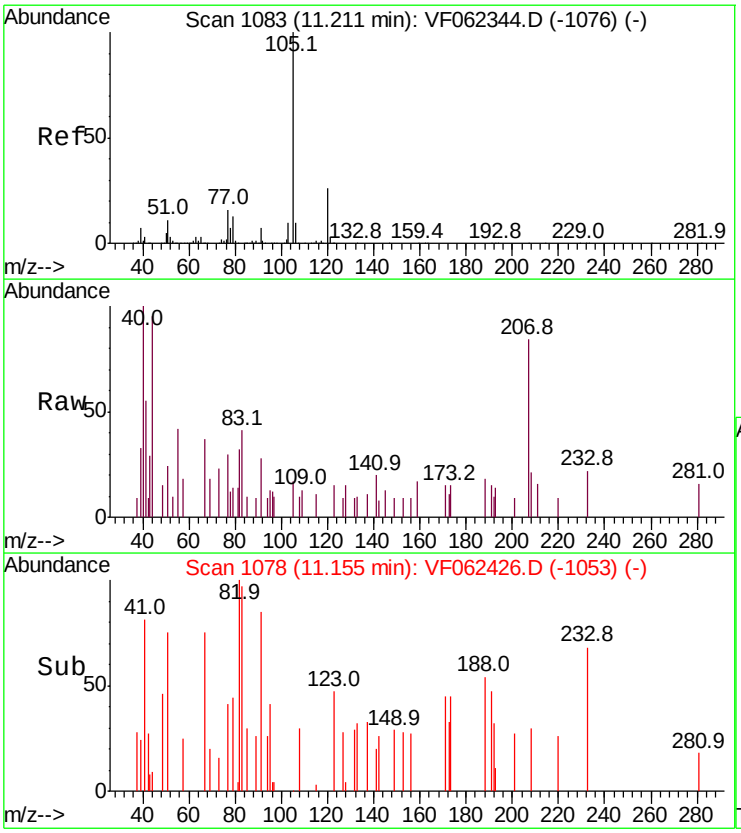
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Tgt Ion:152 Resp: 409

Ion	Ratio	Lower	Upper
152	100		
115	274.1	26.4	79.2#
150	199.3	0.0	335.0

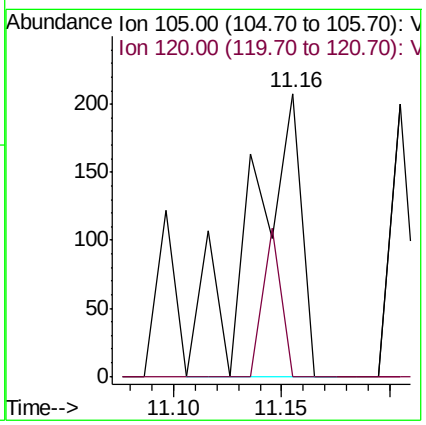


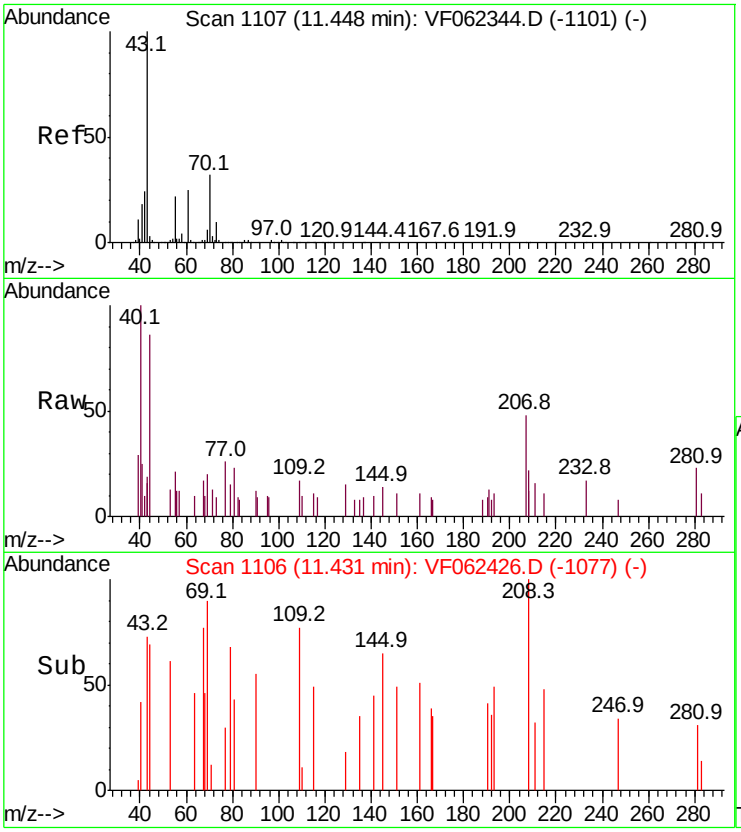


#73
Isopropylbenzene
Concen: 14.105 ug/l
RT: 11.16 min Scan# 1078
Delta R.T. -0.06 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:105 Resp: 342

Ion	Ratio	Lower	Upper
105	100		
120	18.7	12.7	38.0



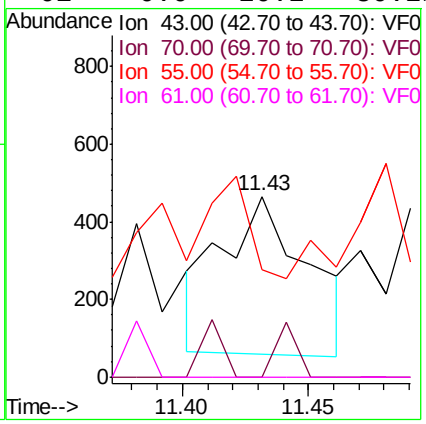


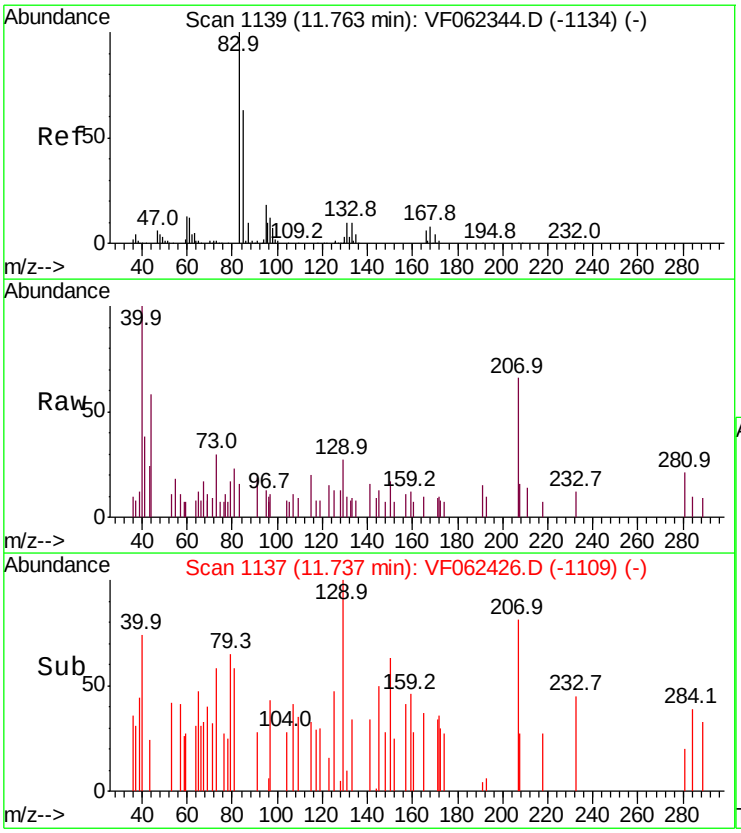
#74
N-amyl acetate
Concen: 185.572 ug/l
RT: 11.43 min Scan# 1106
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Tgt Ion: 43 Resp: 966

Ion	Ratio	Lower	Upper
43	100		
70	9.0	26.5	39.7#
55	29.9	17.8	26.6#
61	0.0	20.2	30.2#

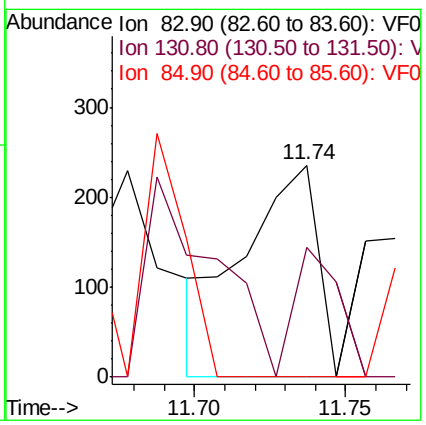


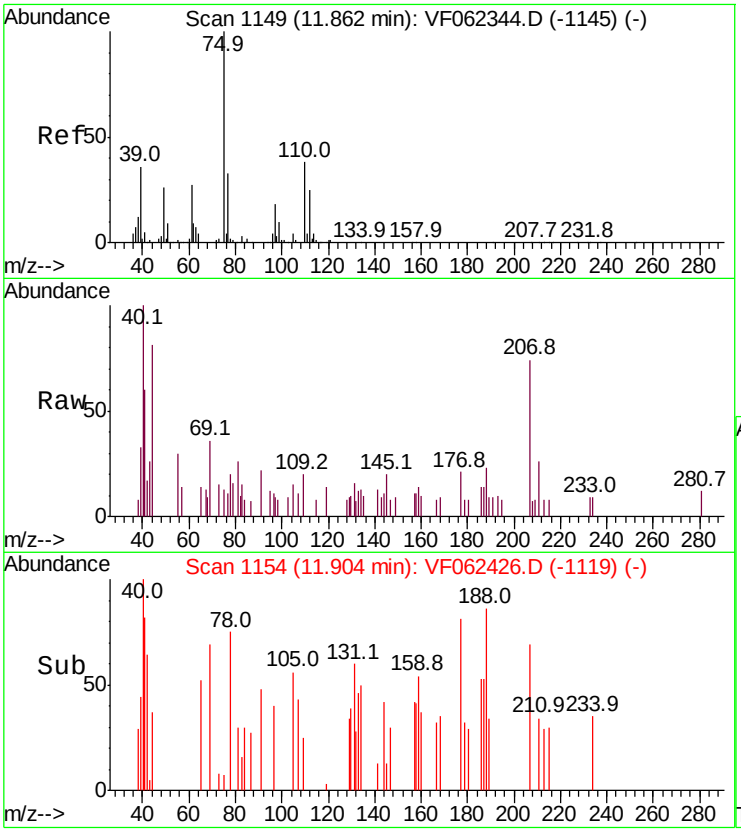


#75
1,1,2,2-Tetrachloroethane
Concen: 106.151 ug/l
RT: 11.74 min Scan# 1137
Delta R.T. -0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 83 Resp: 403

Ion	Ratio	Lower	Upper
83	100		
131	36.7	5.8	17.4#
85	0.0	35.3	105.7#



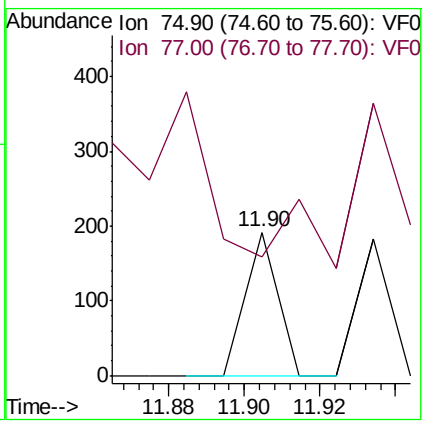


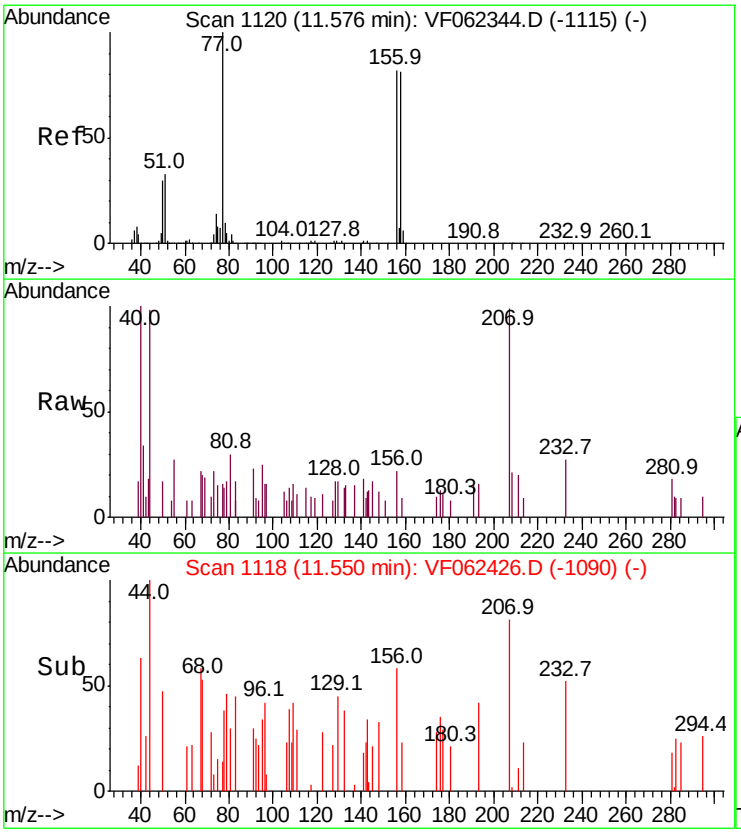
#76
1,2,3-Trichloropropane
Concen: 39.358 ug/l
RT: 11.90 min Scan# 1154
Delta R.T. 0.04 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Tgt Ion: 75 Resp: 114

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

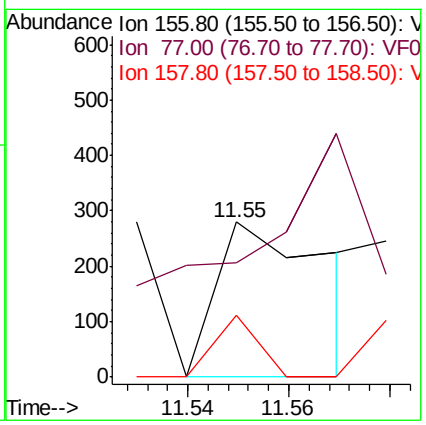


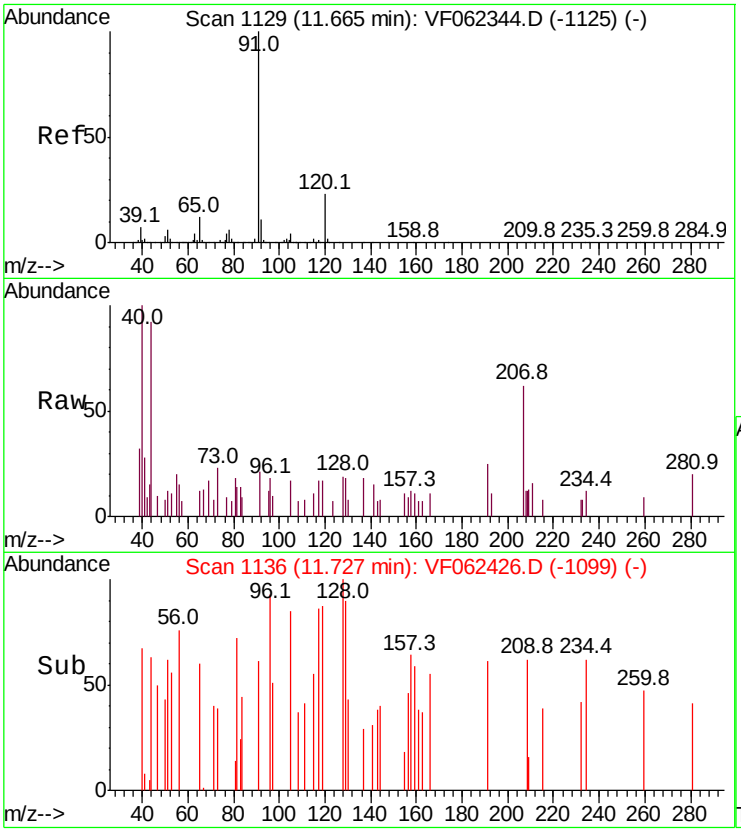


#77
Bromobenzene
Concen: 66.944 ug/l
RT: 11.55 min Scan# 1118
Delta R.T. -0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:156 Resp: 426

Ion	Ratio	Lower	Upper
156	100		
77	0.0	64.8	194.3#
158	15.5	49.1	147.3#



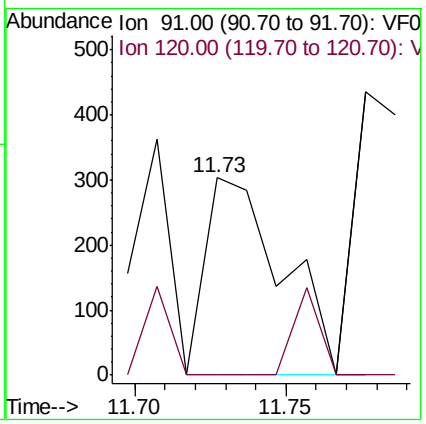


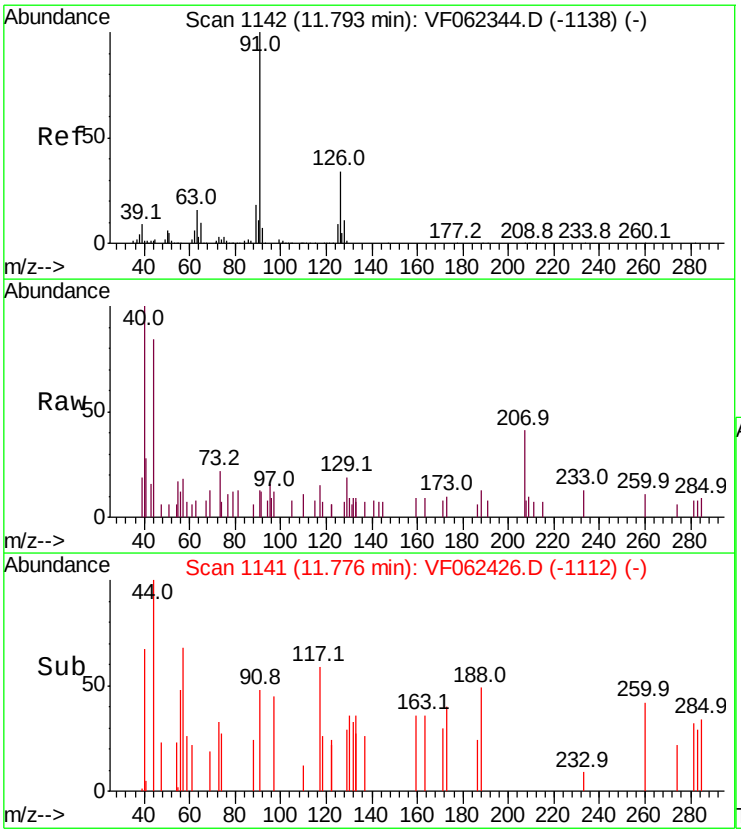
#78
n-propylbenzene
Concen: 20.647 ug/l
RT: 11.73 min Scan# 1136
Delta R.T. 0.06 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-ARE

Tgt Ion: 91 Resp: 533

Ion	Ratio	Lower	Upper
91	100		
120	15.0	11.9	35.5

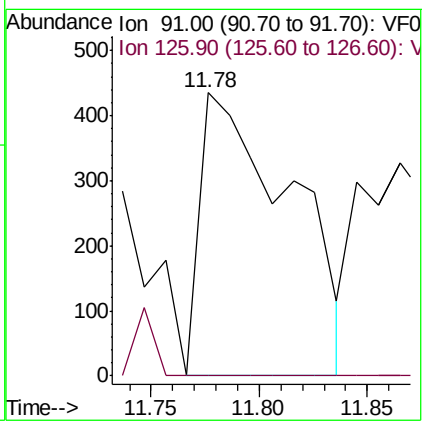


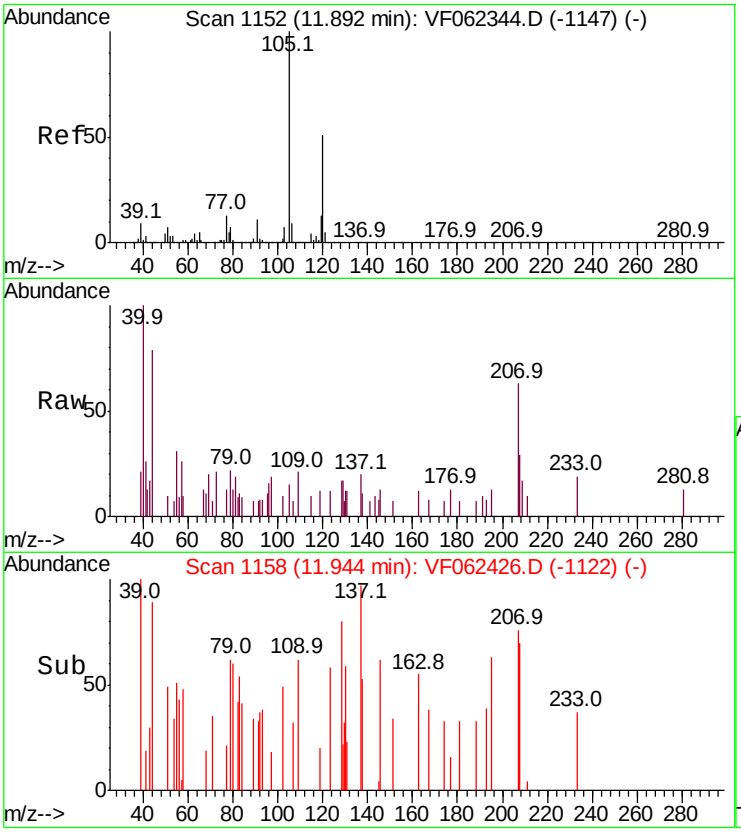


#79
2-Chlorotoluene
Concen: 78.494 ug/l
RT: 11.78 min Scan# 1141
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 91 Resp: 1260

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.8	53.4#



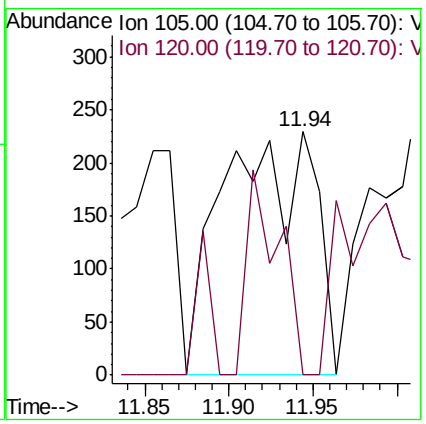


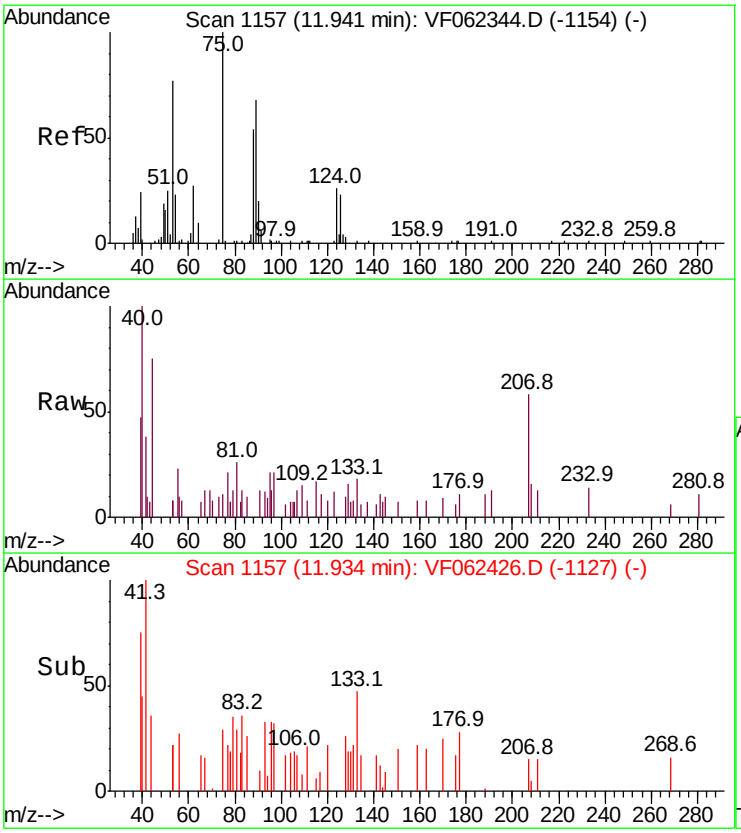
#80
1,3,5-Trimethylbenzene
Concen: 40.419 ug/l
RT: 11.94 min Scan# 1158
Delta R.T. 0.05 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:105 Resp: 859

Ion	Ratio	Lower	Upper
105	100		
120	54.7	24.6	74.0

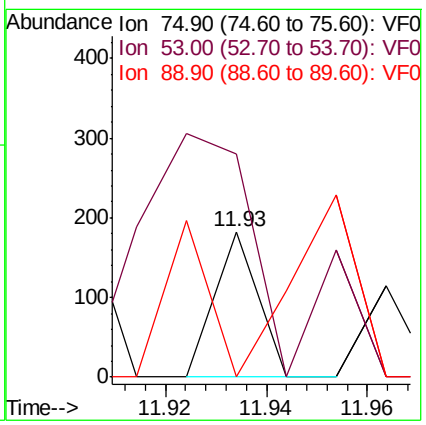


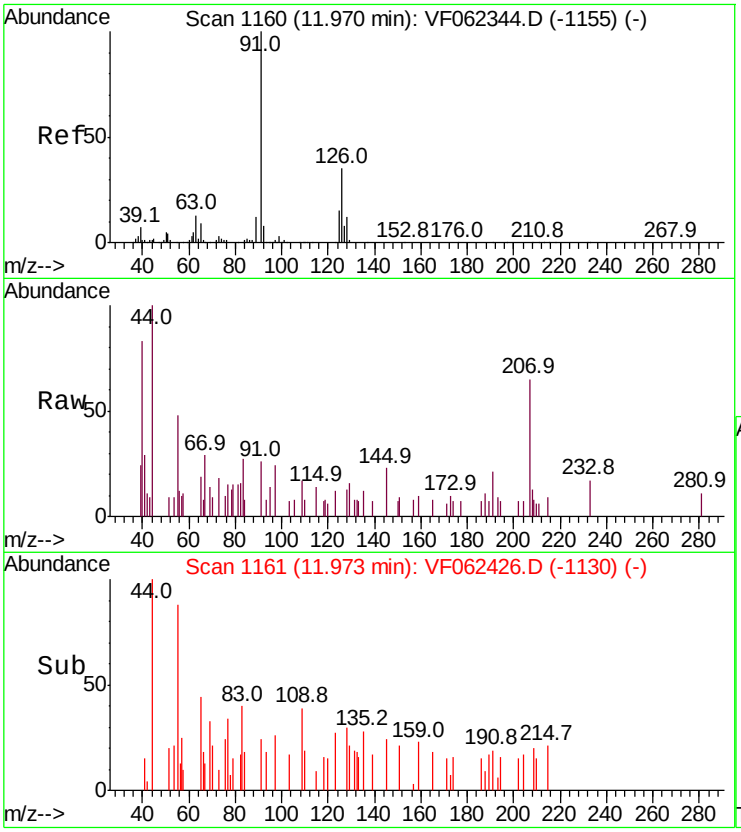


#81
trans-1,4-Dichloro-2-butene
Concen: 99.196 ug/l
RT: 11.93 min Scan# 1157
Delta R.T. -0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 75 Resp: 108

Ion	Ratio	Lower	Upper
75	100		
53	511.1	71.9	107.9#
89	108.3	0.0	0.0#



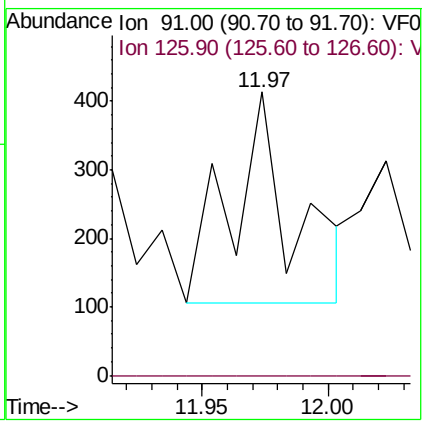


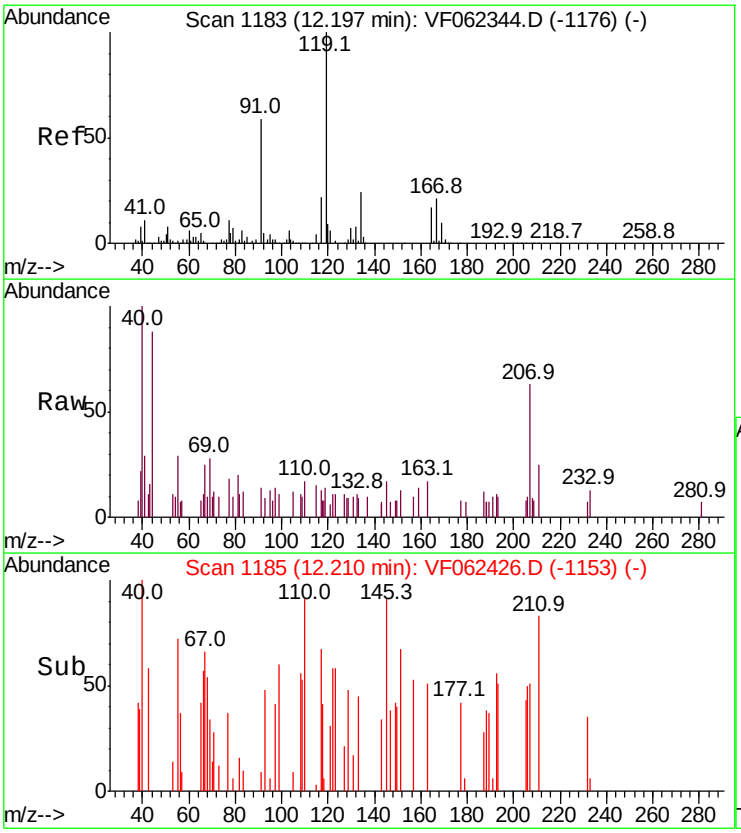
#82
4-Chlorotoluene
Concen: 32.736 ug/l
RT: 11.97 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 91 Resp: 519

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.7	53.1#

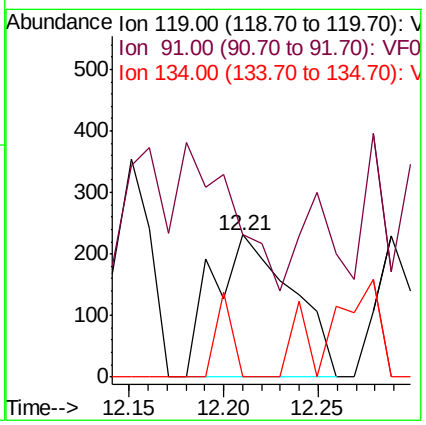


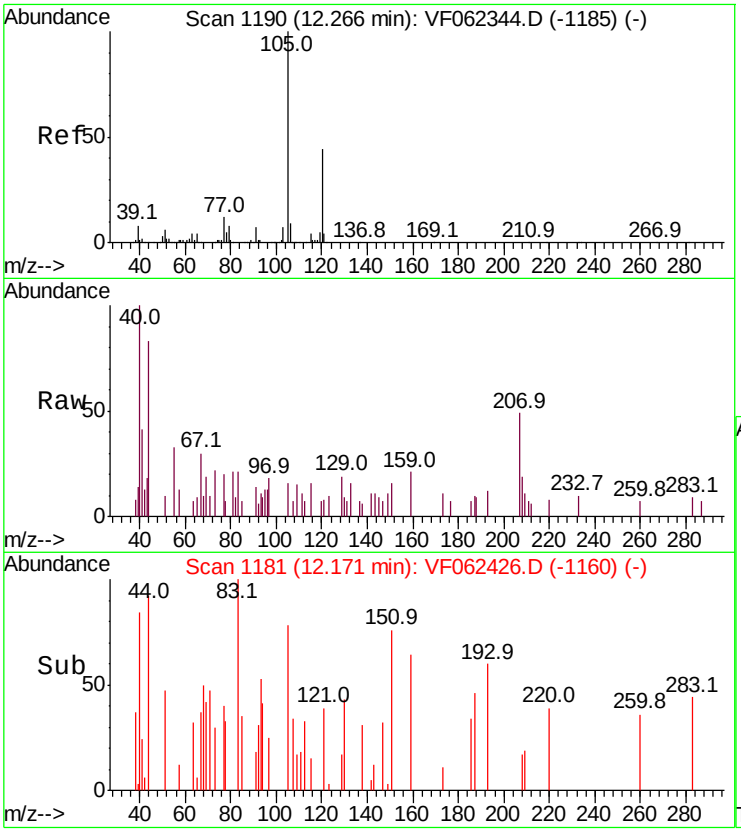


#83
tert-Butylbenzene
Concen: 30.132 ug/l
RT: 12.21 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:119 Resp: 673

Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.4	91.3#
134	12.2	11.9	35.7



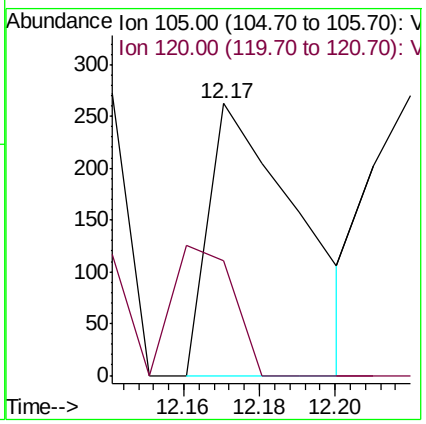


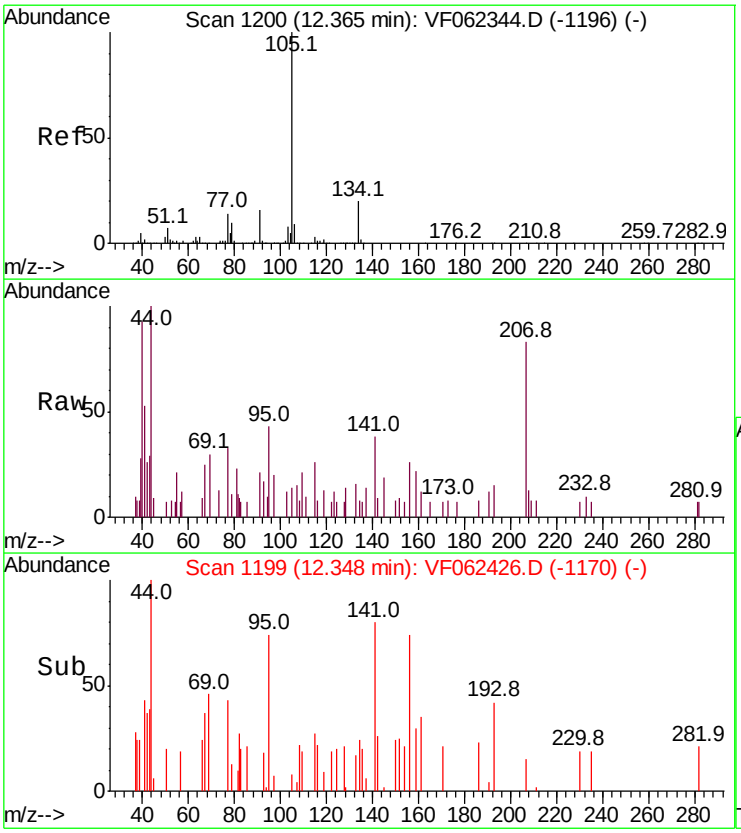
#84
1,2,4-Trimethylbenzene
Concen: 20.771 ug/l
RT: 12.17 min Scan# 1181
Delta R.T. -0.10 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:105 Resp: 432

Ion	Ratio	Lower	Upper
105	100		
120	48.4	22.6	67.7

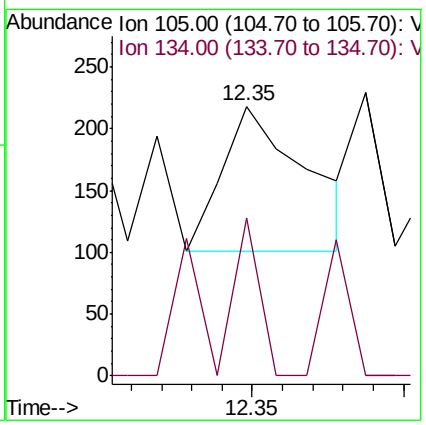


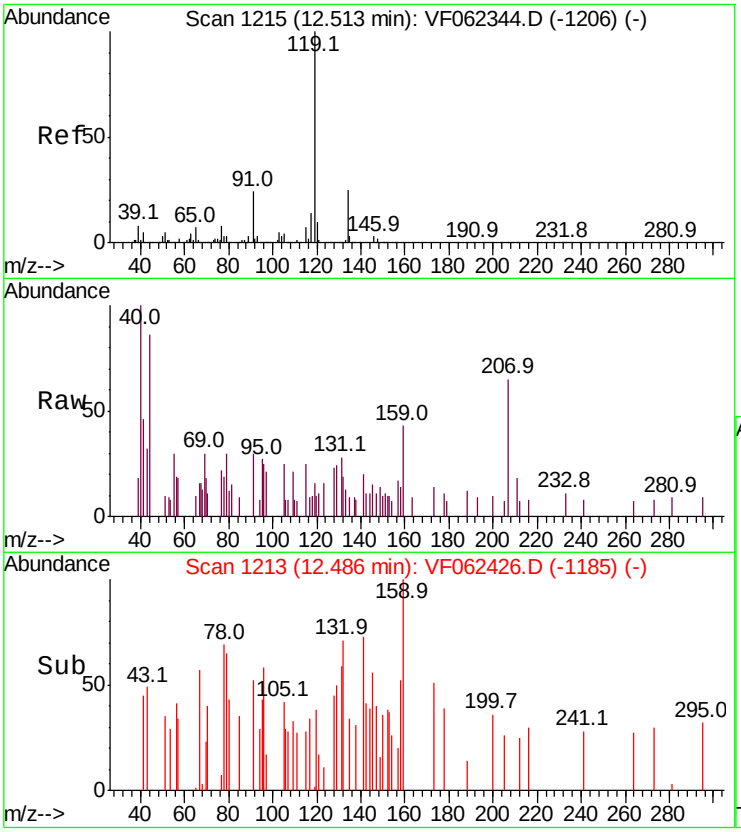


#85
sec-Butylbenzene
Concen: 8.240 ug/l
RT: 12.35 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:105 Resp: 224

Ion	Ratio	Lower	Upper
105	100		
134	29.5	9.8	29.5



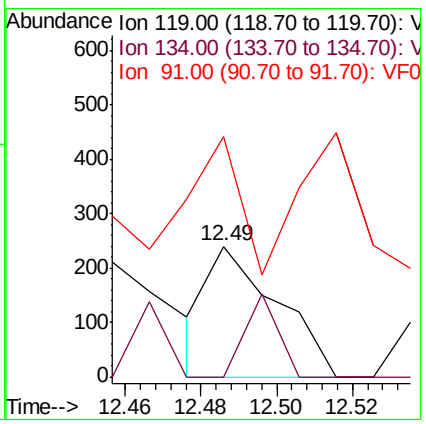


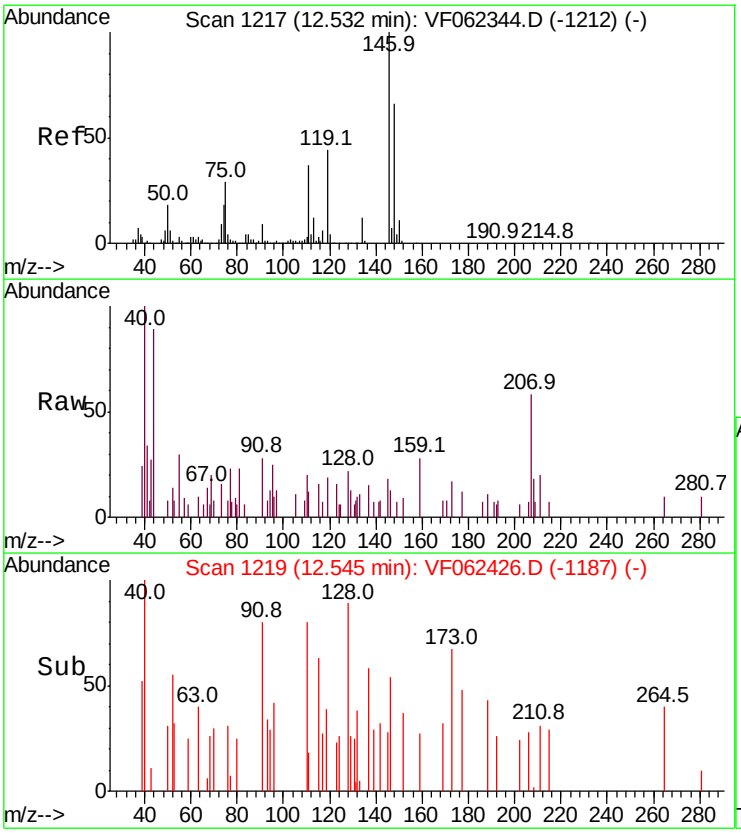
#86
p-Isopropyltoluene
Concen: 11.877 ug/l
RT: 12.49 min Scan# 1213
Delta R.T. -0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:119 Resp: 300

Ion	Ratio	Lower	Upper
119	100		
134	30.0	12.9	38.7
91	77.0	12.3	36.8#

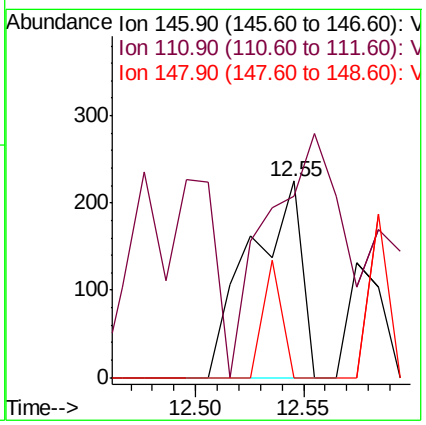


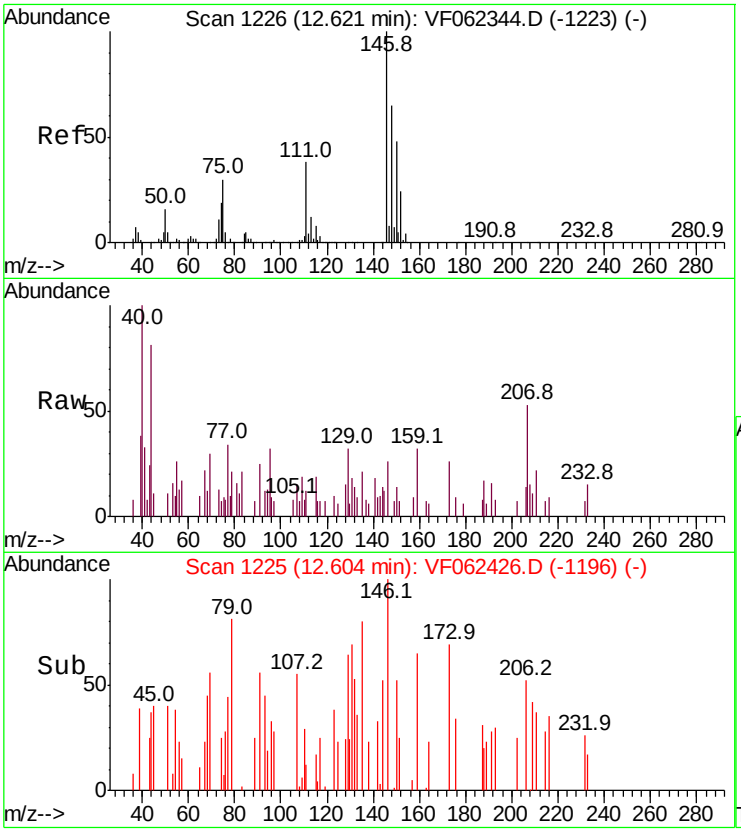


#87
1,3-Dichlorobenzene
Concen: 32.094 ug/l
RT: 12.55 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:146 Resp: 373

Ion	Ratio	Lower	Upper
146	100		
111	182.0	18.3	54.8#
148	21.4	32.3	96.9#



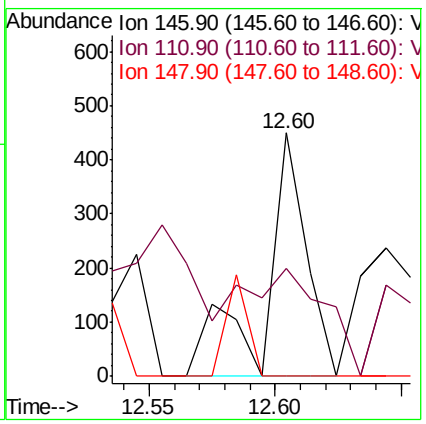


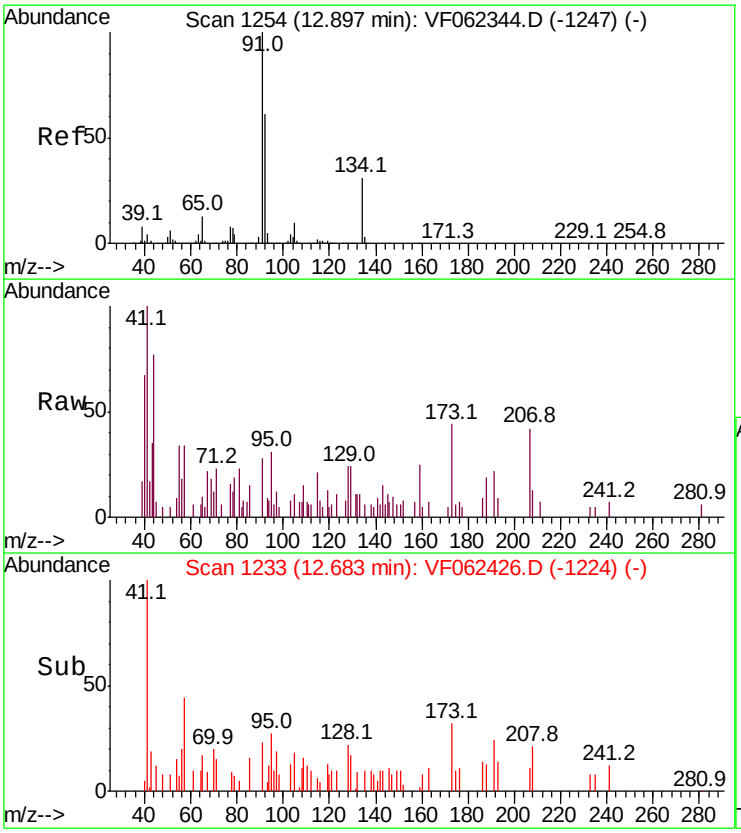
#88
1,4-Dichlorobenzene
Concen: 46.179 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:146 Resp: 518

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.8	56.3#
148	21.4	32.2	96.6#

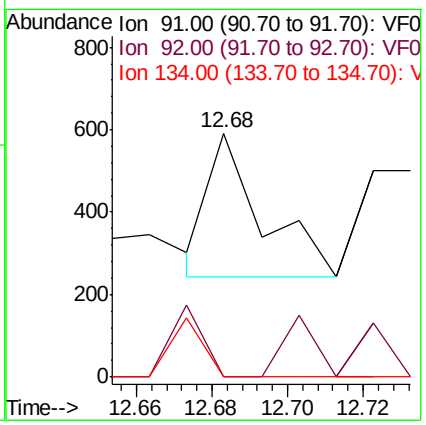


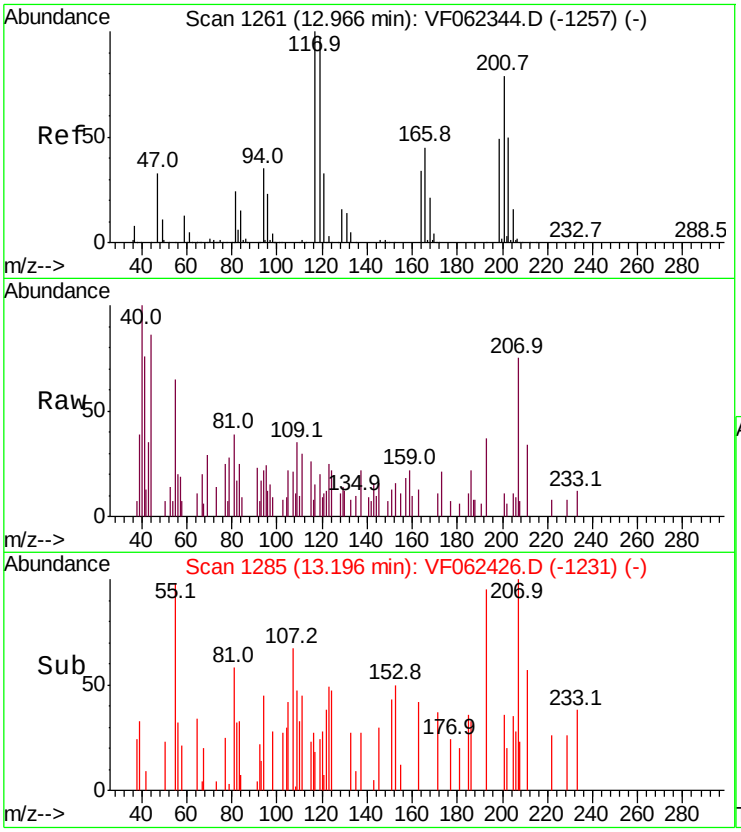


#89
n-Butylbenzene
Concen: 15.219 ug/l
RT: 12.68 min Scan# 1233
Delta R.T. -0.21 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 91 Resp: 342

Ion	Ratio	Lower	Upper
91	100		
92	30.4	30.0	90.0
134	25.1	14.1	42.4



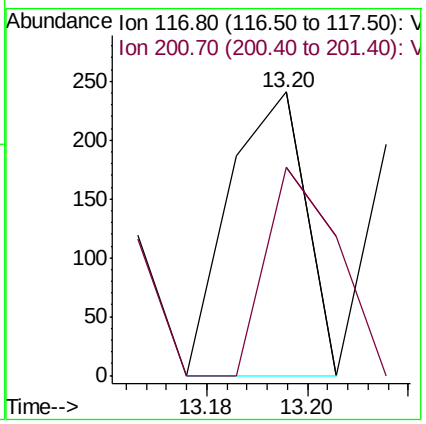


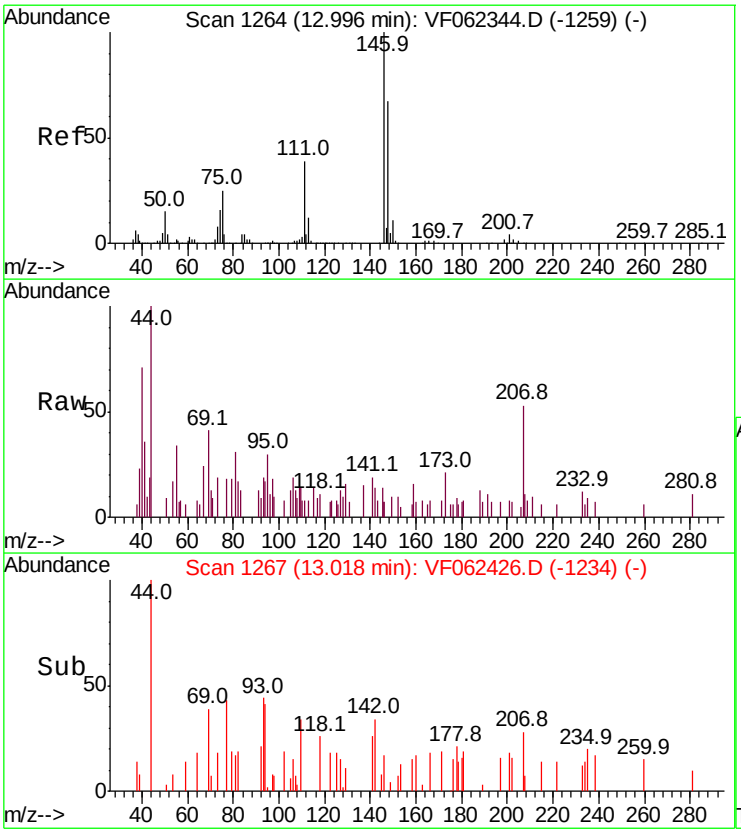
#90
Hexachloroethane
Concen: 40.116 ug/l
RT: 13.20 min Scan# 1285
Delta R.T. 0.23 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:117 Resp: 253

Ion	Ratio	Lower	Upper
117	100		
201	68.8	46.2	138.5

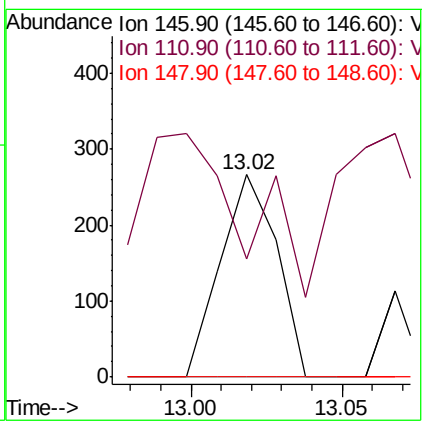


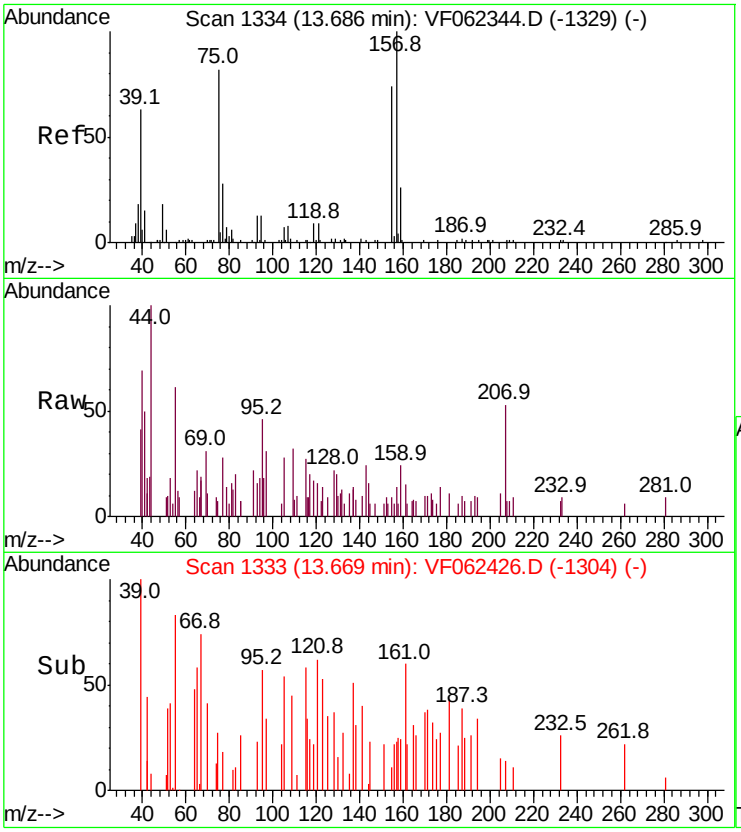


#91
1,2-Dichlorobenzene
Concen: 30.847 ug/l
RT: 13.02 min Scan# 1267
Delta R.T. 0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:146 Resp: 347

Ion	Ratio	Lower	Upper
146	100		
111	249.3	20.0	60.0#
148	0.0	33.1	99.5#



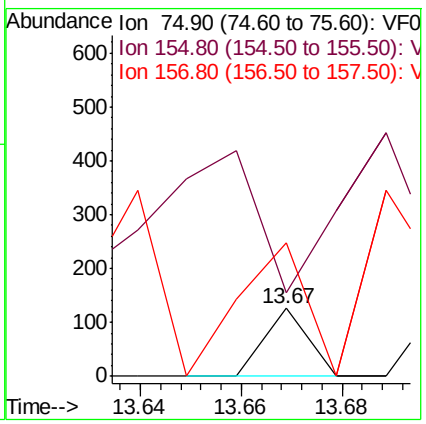


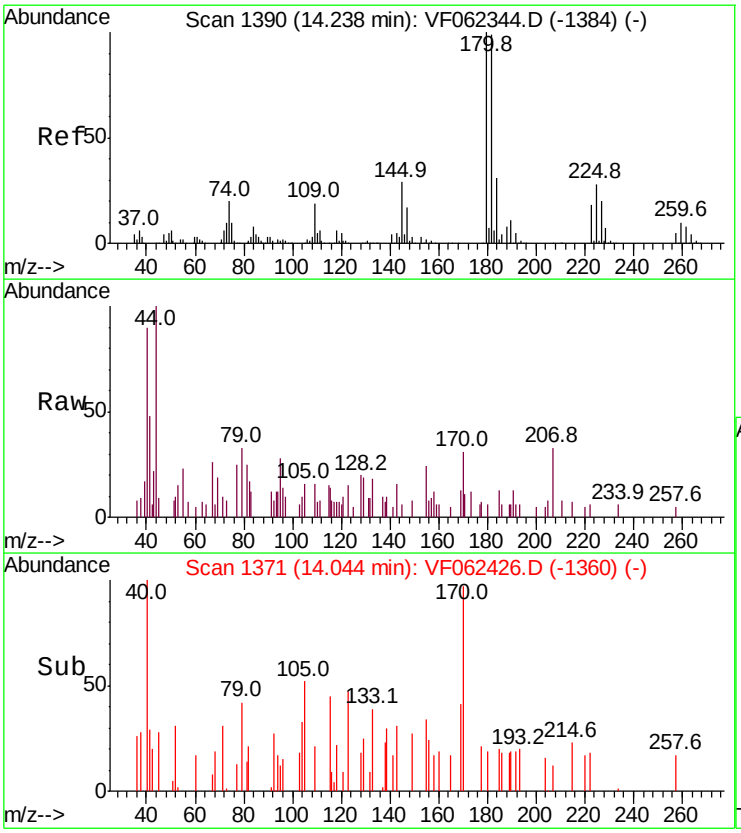
#92
1,2-Dibromo-3-Chloropropane
Concen: 88.180 ug/l
RT: 13.67 min Scan# 1333
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion: 75 Resp: 75

Ion	Ratio	Lower	Upper
75	100		
155	424.0	51.8	155.4#
157	194.7	67.3	201.8

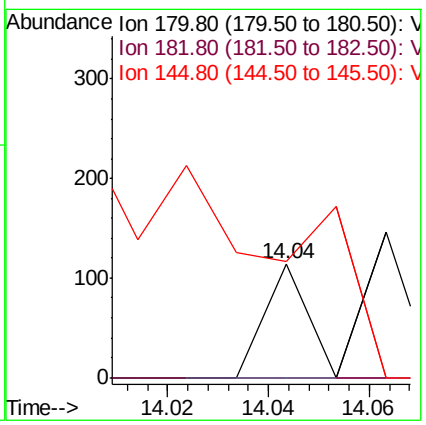


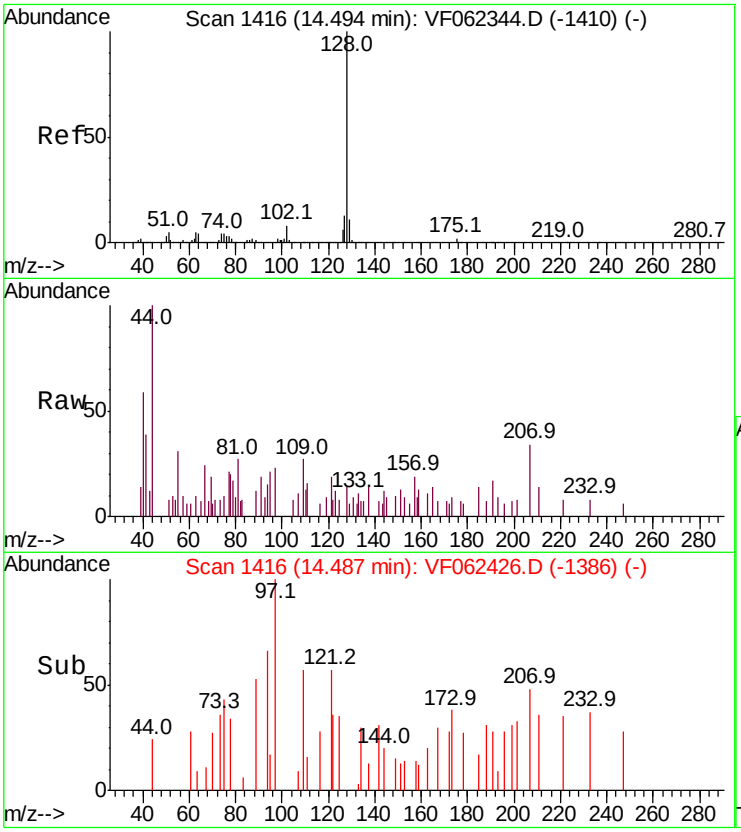


#93
1,2,4-Trichlorobenzene
Concen: 6.640 ug/l
RT: 14.04 min Scan# 1371
Delta R.T. -0.19 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:180 Resp: 67

Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.0	147.0#
145	0.0	16.7	50.1#





#95
Naphthalene
Concen: 13.778 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tgt Ion:128 Resp: 209

Ion	Ratio	Lower	Upper
128	100		
127	47.8	10.5	15.7#
129	0.0	8.6	12.8#