Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012219\

Quantitation Report (Not Reviewed)

Data File : VV009237.D
Acq On : 22 Jan 2019 15:59
Operator : SY/MD
Sample : VV0122SBL01
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VV0122SBL01

Quant Time: Jan 23 01:37:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 23 01:31:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	82736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	139161	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	122370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	57748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	53055	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.16%			
35) Dibromofluoromethane	4.64	113	45940	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.46%			
50) Toluene-d8	7.36	98	177435	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.68%			
62) 4-Bromofluorobenzene	10.12	95	64029	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.65	59	2223	16.477	ug/l #	72
16) Acetone	2.18	43	4046	14.780	ug/l	100
20) Methylene Chloride	2.52	84	2707	Below Cal	#	94
31) Cyclohexane	4.72	56	1869	1.023	ug/l #	9
36) 1,1-Dichloropropene	4.73	75	7980	5.165	ug/l #	45
38) Carbon Tetrachloride	4.73	117	8634	5.582	ug/l #	17
51) 4-Methyl-2-Pentanone	7.27	43	2463	4.155	ug/l #	86
59) 2-Hexanone	8.19	43	2099	4.896	ug/l	95
76) 1,2,3-Trichloropropane	10.12	75	32650	51.642	ug/l #	29
81) trans-1,4-Dichloro-2-buten	10.12	75	32650	146.141	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.31	180	2742	2.278	ug/l	89
95) Naphthalene	13.56	128	7497	3.603	ug/l	98
96) 1,2,3-Trichlorobenzene	13.80	180	2355	2.311	ug/l	93

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

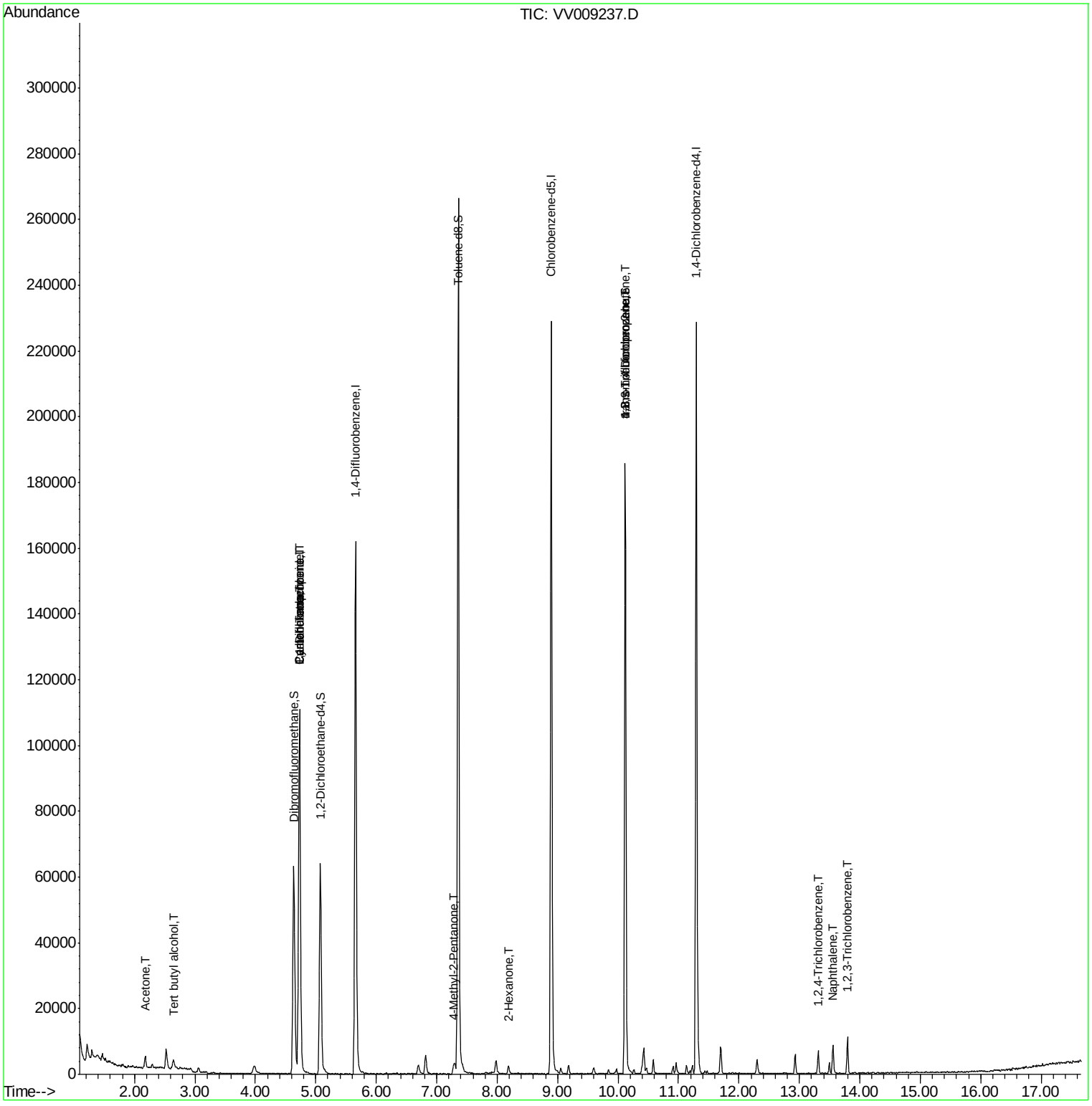
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012219\

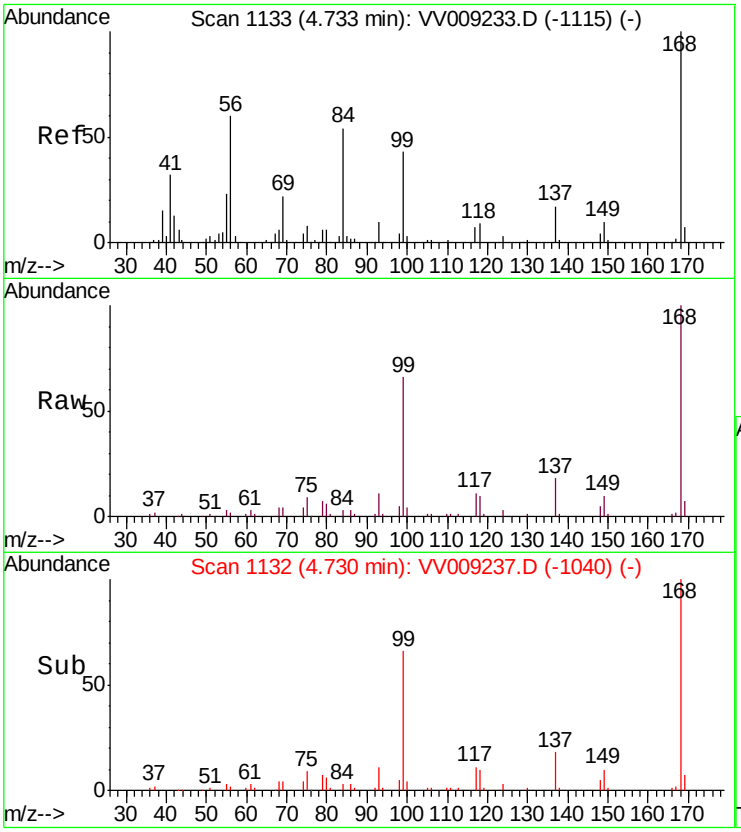
Quantitation Report (Not Reviewed)

Data File : VV009237.D
Acq On : 22 Jan 2019 15:59
Operator : SY/MD
Sample : VV0122SBL01
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VV0122SBL01

Quant Time: Jan 23 01:37:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 23 01:31:50 2019
Response via : Initial Calibration



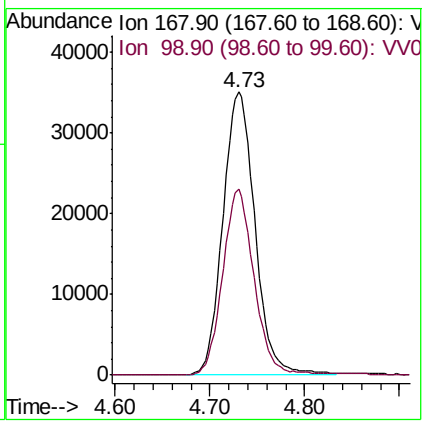


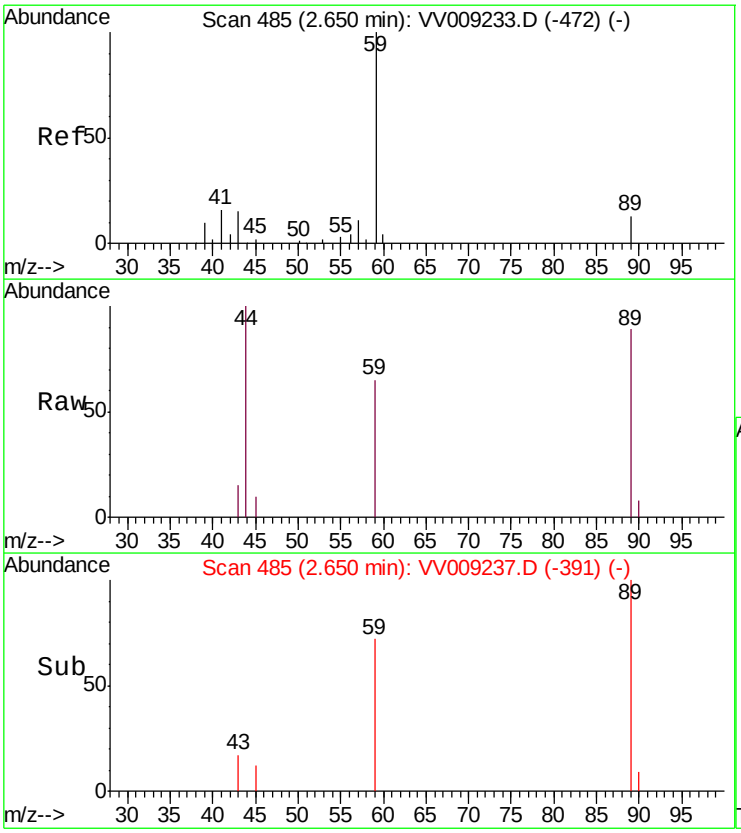
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.73 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument :
MSVOA_V
ClientSampleId :
VV0122SBL01

Tgt Ion:168 Resp: 82736

Ion	Ratio	Lower	Upper
168	100		
99	65.6	50.9	76.3

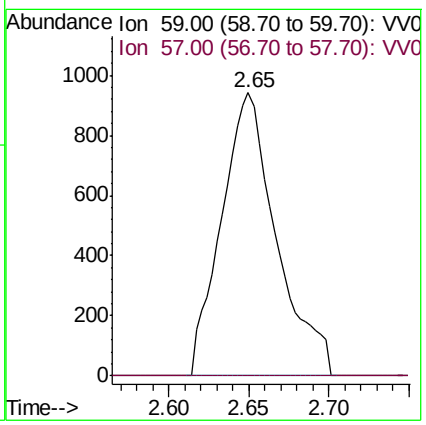


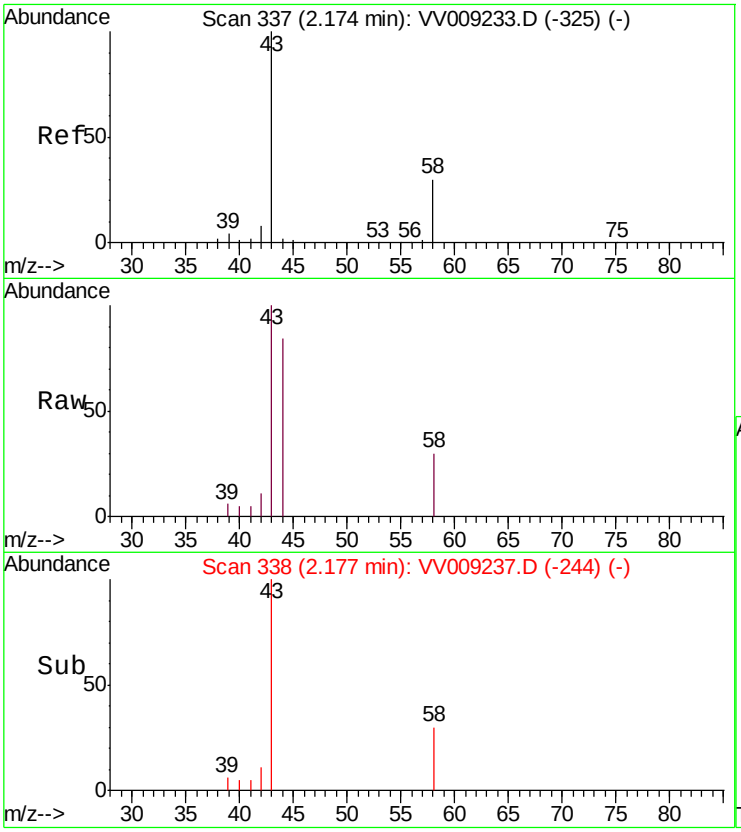


#11
Tert butyl alcohol
Concen: 16.477 ug/l
RT: 2.65 min Scan# 485
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Tgt Ion: 59 Resp: 2223

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



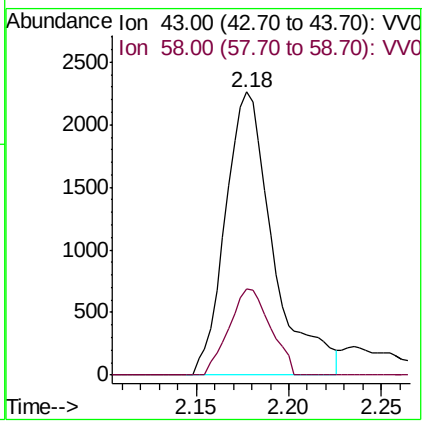


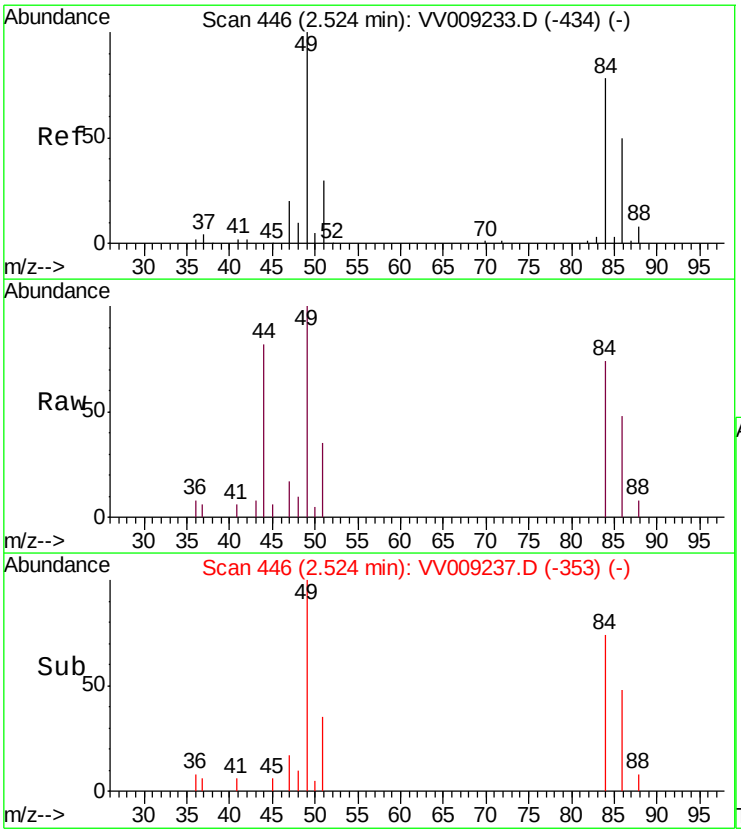
#16
Acetone
Concen: 14.780 ug/l
RT: 2.18 min Scan# 338
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument :
MSVOA_V
ClientSampleId :
VV0122SBL01

Tgt Ion: 43 Resp: 4046

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.4	36.6

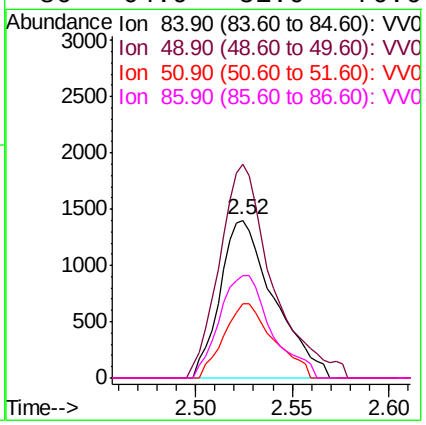


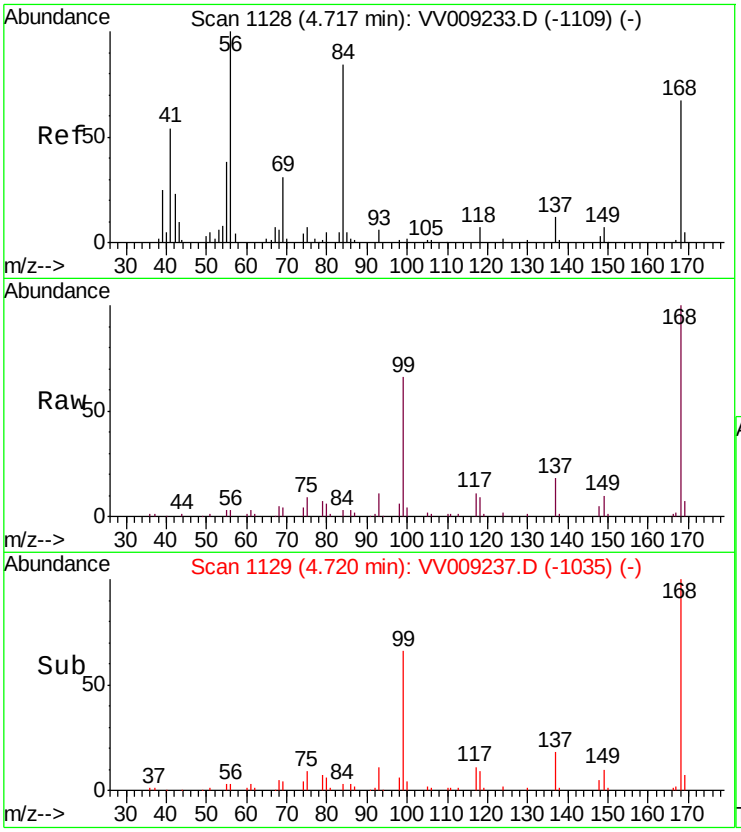


#20
Methylene Chloride
Concen: Below Cal
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Tgt Ion: 84 Resp: 2707

Ion	Ratio	Lower	Upper
84	100		
49	135.3	102.0	153.0
51	46.9	30.9	46.3#
86	64.9	51.0	76.6



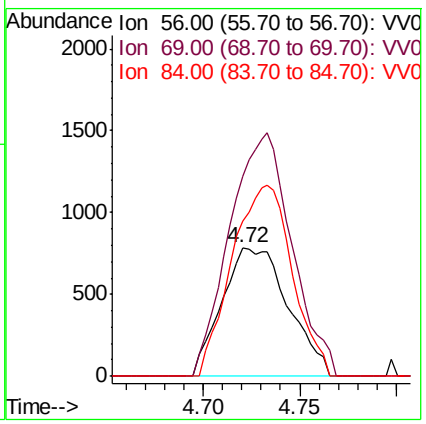


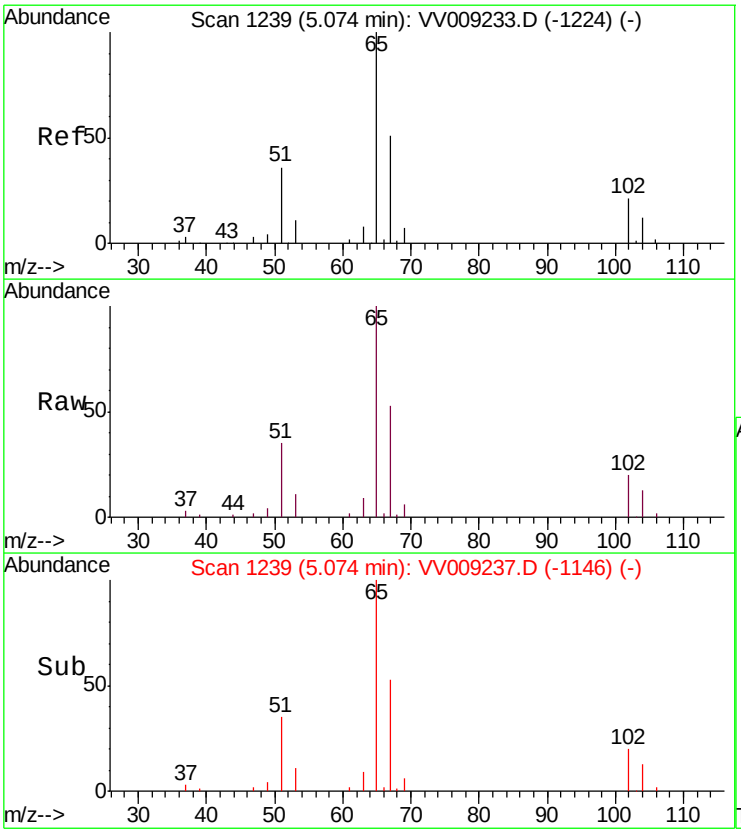
#31
Cyclohexane
Concen: 1.023 ug/l
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument : MSVOA_V
ClientSampleId : VV0122SBL01

Tgt Ion: 56 Resp: 1869

Ion	Ratio	Lower	Upper
56	100		
69	155.9	25.1	37.7#
84	120.9	67.3	100.9#

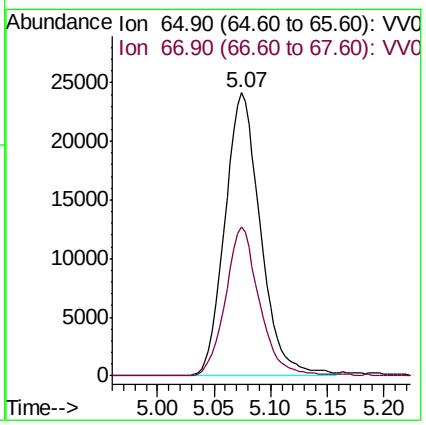


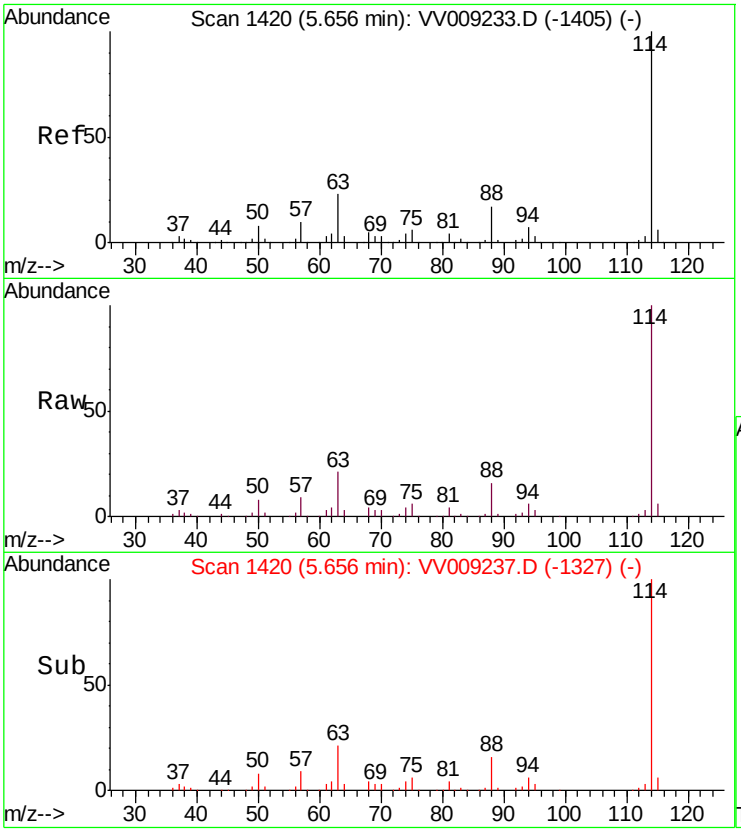


#33
1,2-Dichloroethane-d4
Concen: 52.583 ug/l
RT: 5.07 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Tgt Ion: 65 Resp: 53055

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.8



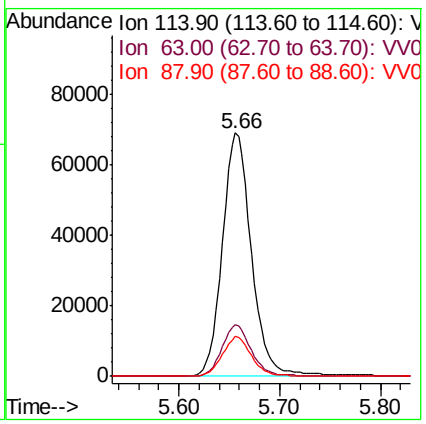


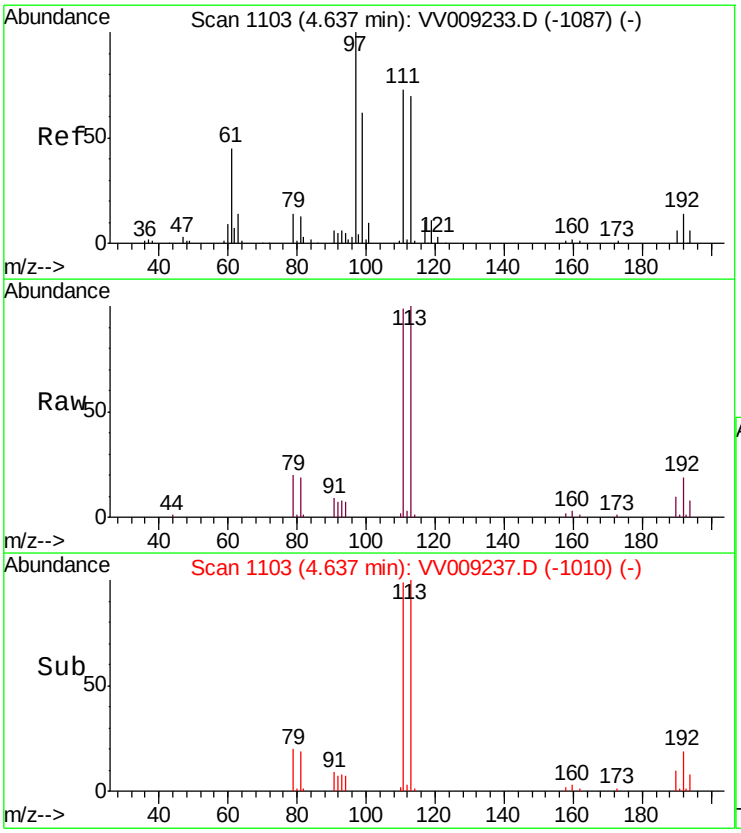
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 1420
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument :
MSVOA_V
ClientSampleId :
VV0122SBL01

Tgt Ion:114 Resp: 139161

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	45.2
88	16.2	0.0	33.4

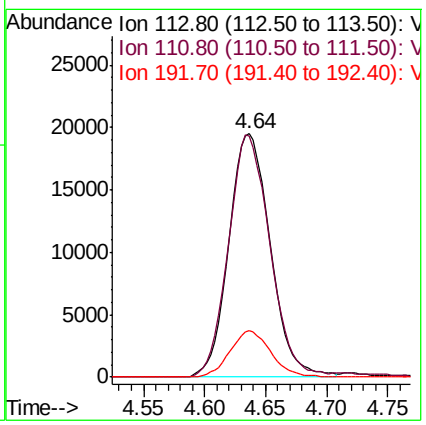


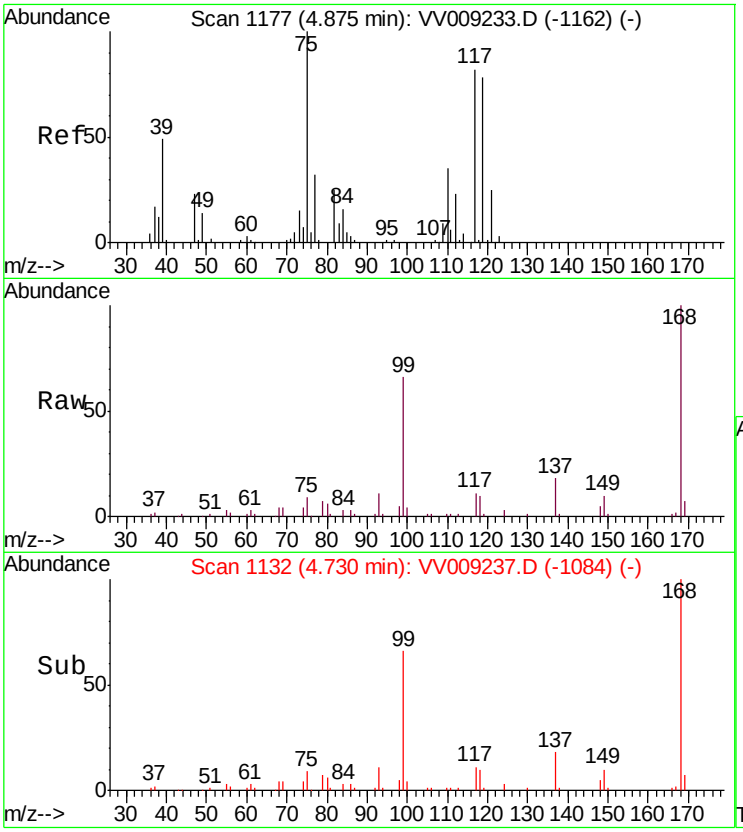


#35
Dibromofluoromethane
Concen: 50.732 ug/l
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Tgt Ion:113 Resp: 45940

Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.4	123.6
192	18.6	15.0	22.6



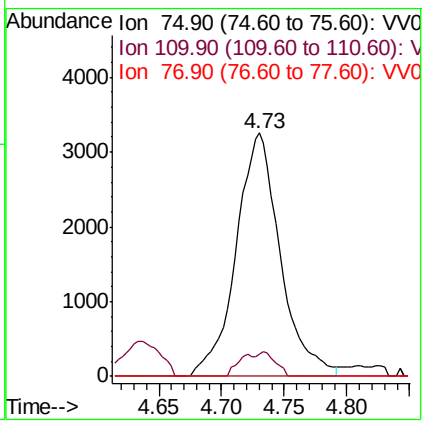


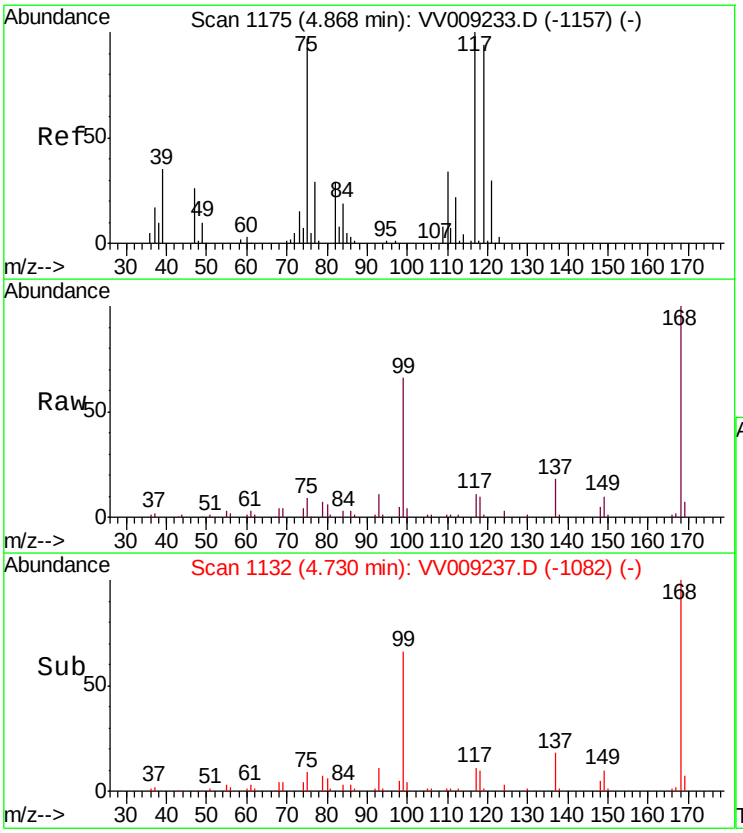
#36
1,1-Dichloropropene
Concen: 5.165 ug/l
RT: 4.73 min Scan# 1132
Delta R.T. -0.14 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument :
MSVOA_V
ClientSampleId :
VV0122SBL01

Tgt Ion: 75 Resp: 7980

Ion	Ratio	Lower	Upper
75	100		
110	3.9	17.5	52.5#
77	0.0	25.5	38.3#

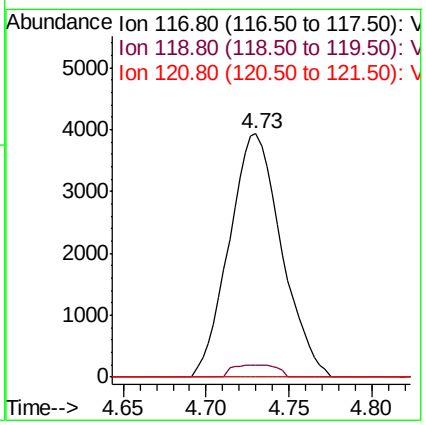


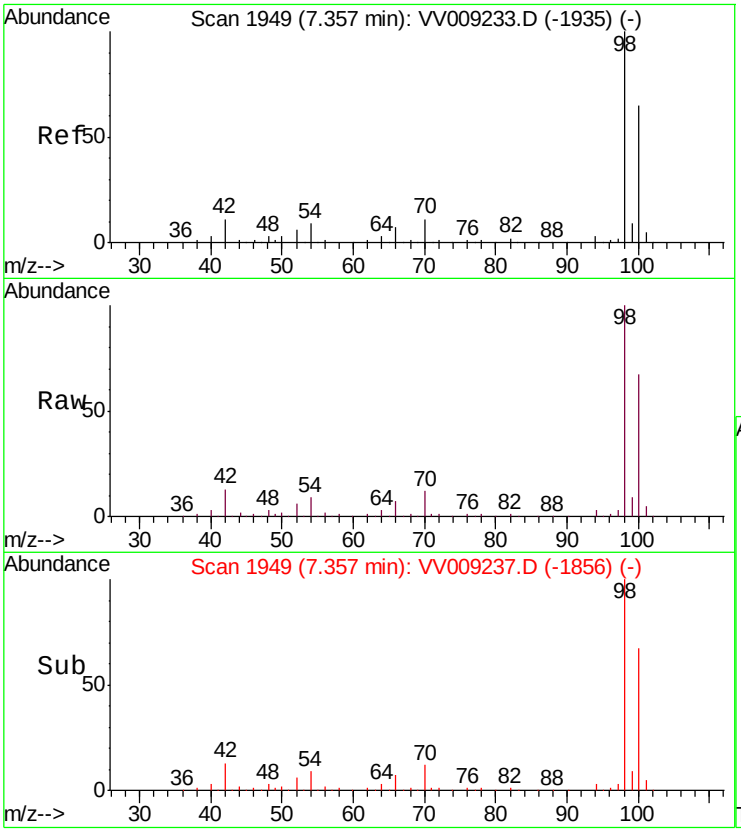


#38
Carbon Tetrachloride
Concen: 5.582 ug/l
RT: 4.73 min Scan# 1132
Delta R.T. -0.14 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Tgt Ion:117 Resp: 8634

Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.4	113.2#
121	0.0	24.2	36.2#



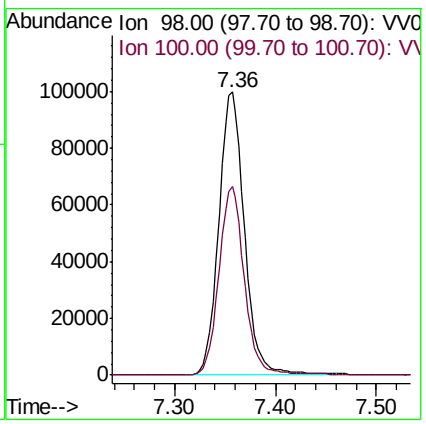


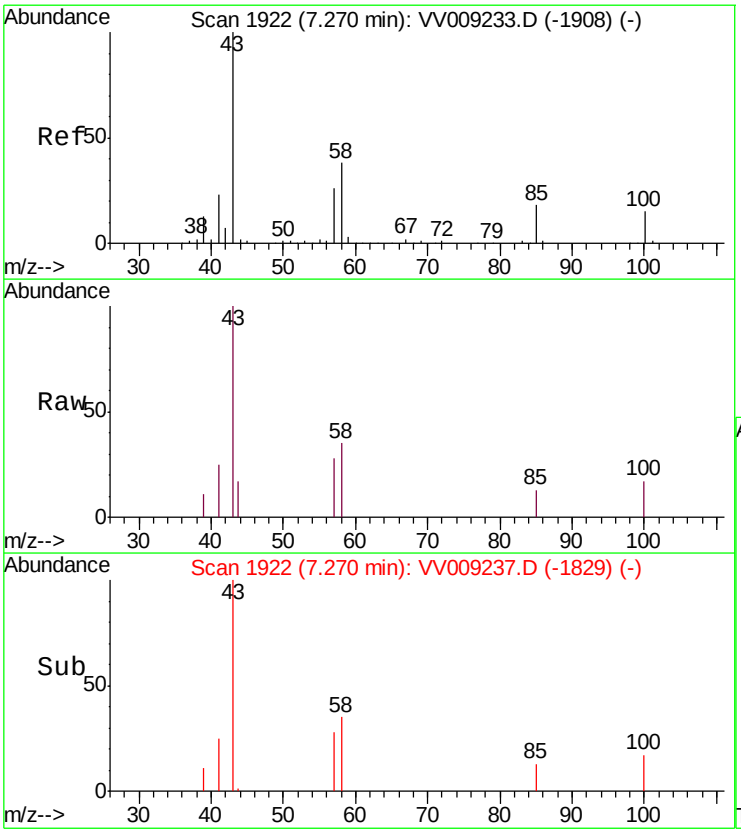
#50
Toluene-d8
Concen: 50.345 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument :
MSVOA_V
ClientSampleId :
VV0122SBL01

Tgt Ion: 98 Resp: 177435

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2

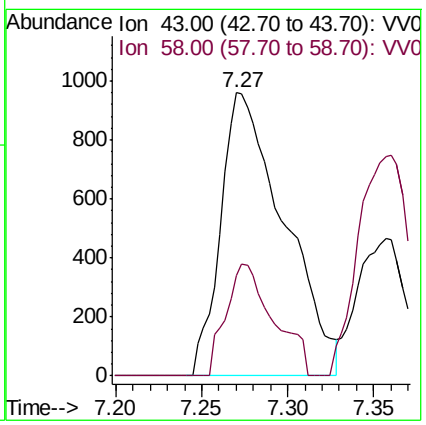


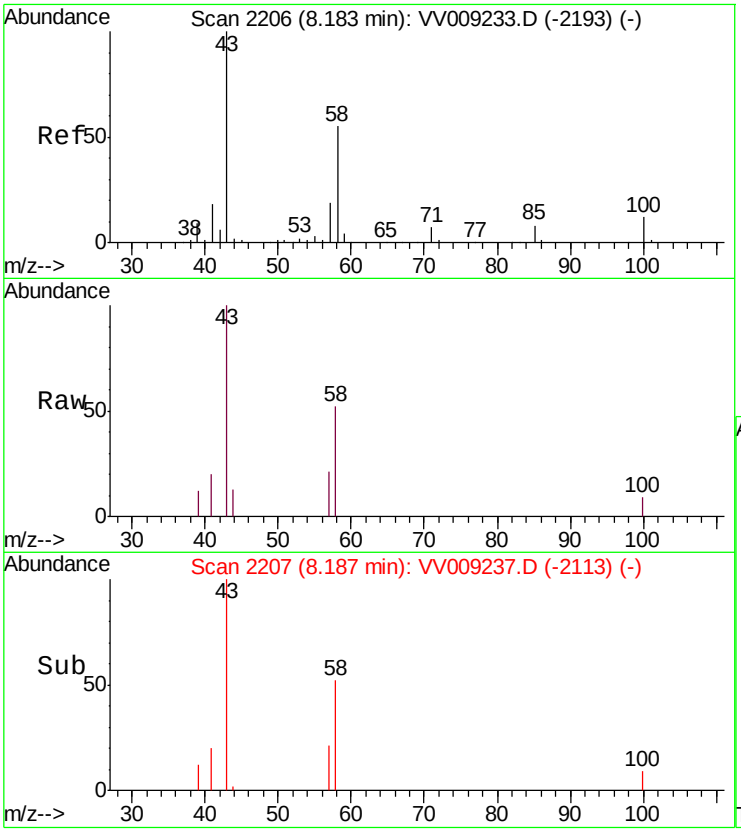


#51
4-Methyl-2-Pentanone
Concen: 4.155 ug/l
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Tgt Ion: 43 Resp: 2463

Ion	Ratio	Lower	Upper
43	100		
58	29.7	30.4	45.6#



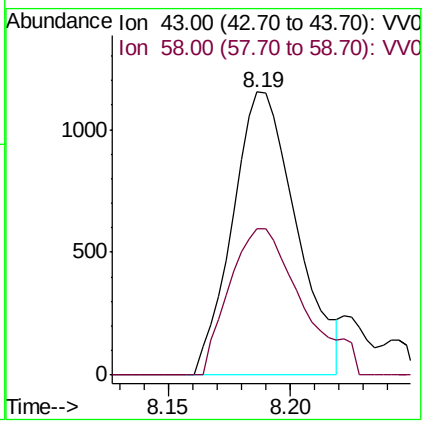


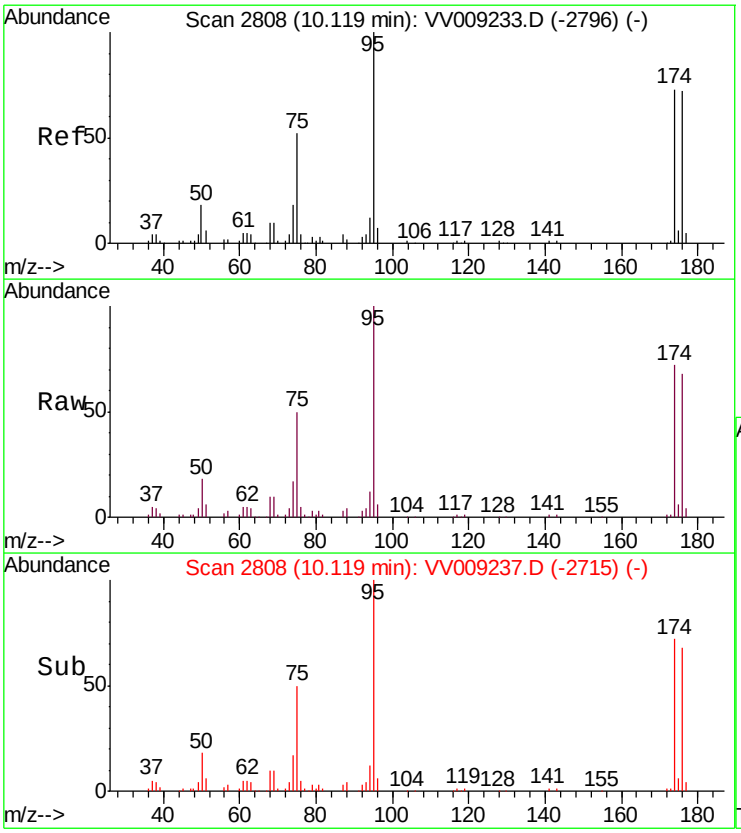
#59
2-Hexanone
Concen: 4.896 ug/l
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument : MSVOA_V
ClientSampleId : VV0122SBL01

Tgt Ion: 43 Resp: 2099

Ion	Ratio	Lower	Upper
43	100		
58	58.7	27.5	82.5

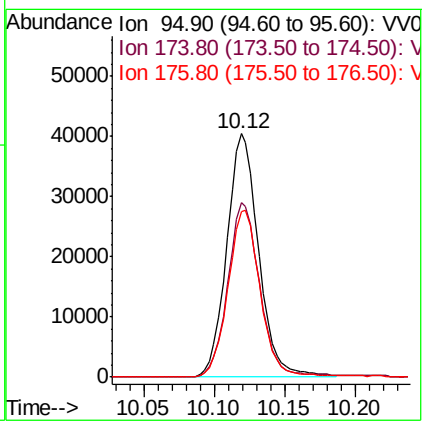


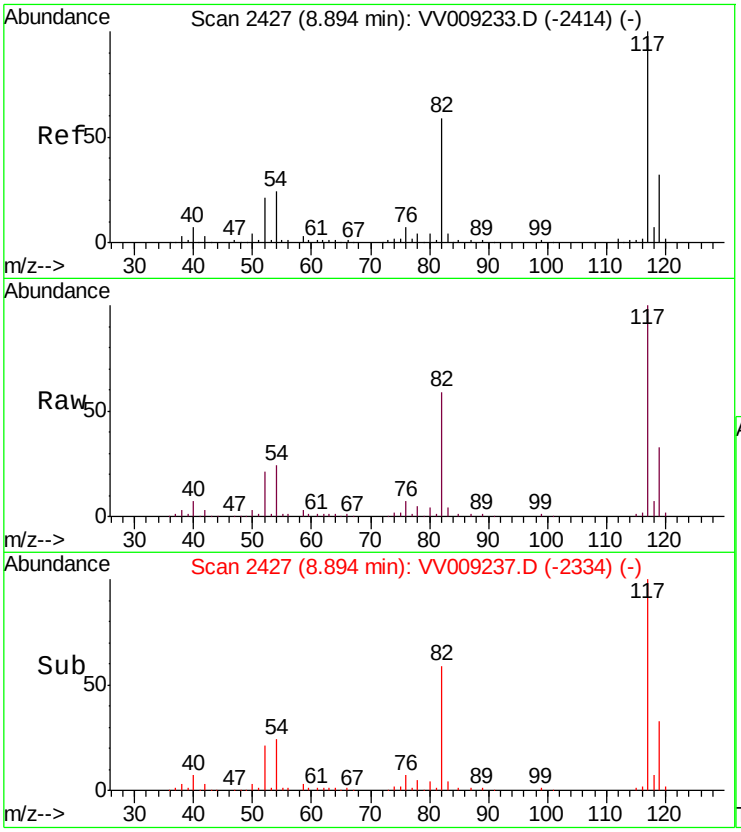


#62
4-Bromofluorobenzene
Concen: 48.213 ug/l
RT: 10.12 min Scan# 2808
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Tgt Ion: 95 Resp: 64029

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	148.2
176	69.5	0.0	143.0



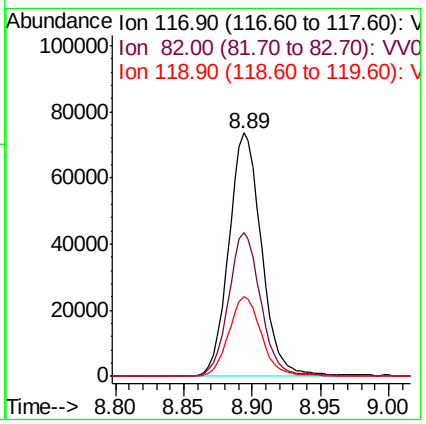


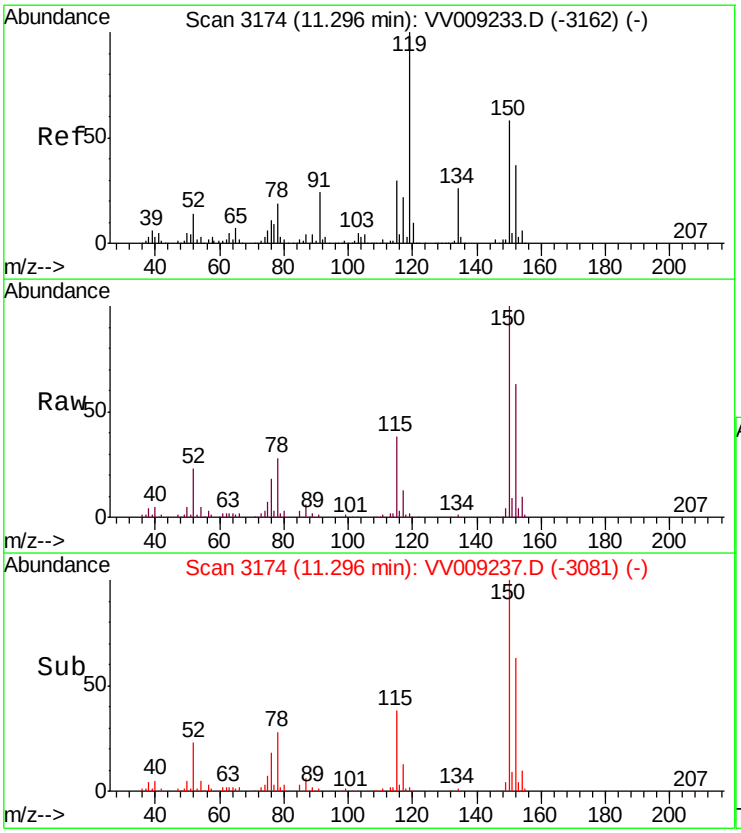
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument : MSVOA_V
ClientSampleId : VV0122SBL01

Tgt Ion:117 Resp: 122370

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.0	70.6
119	32.8	25.4	38.2

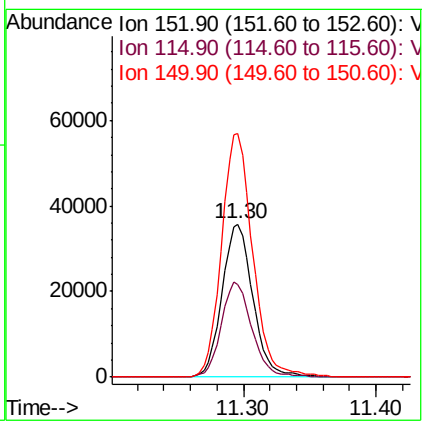


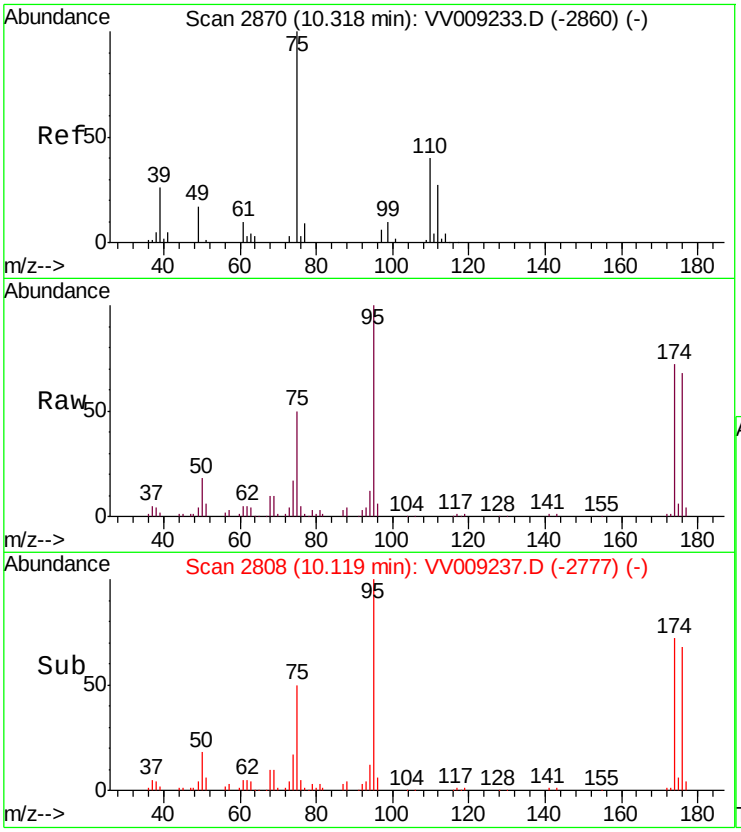


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Tgt Ion:152 Resp: 57748

Ion	Ratio	Lower	Upper
152	100		
115	61.8	45.0	134.8
150	160.6	0.0	346.4



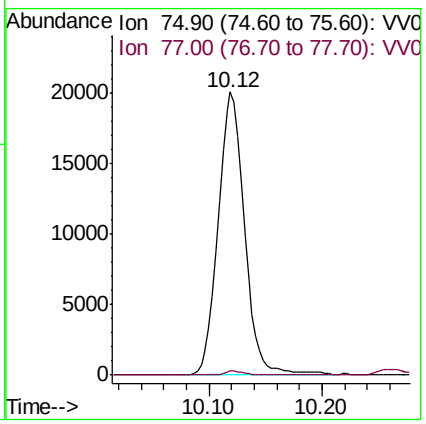


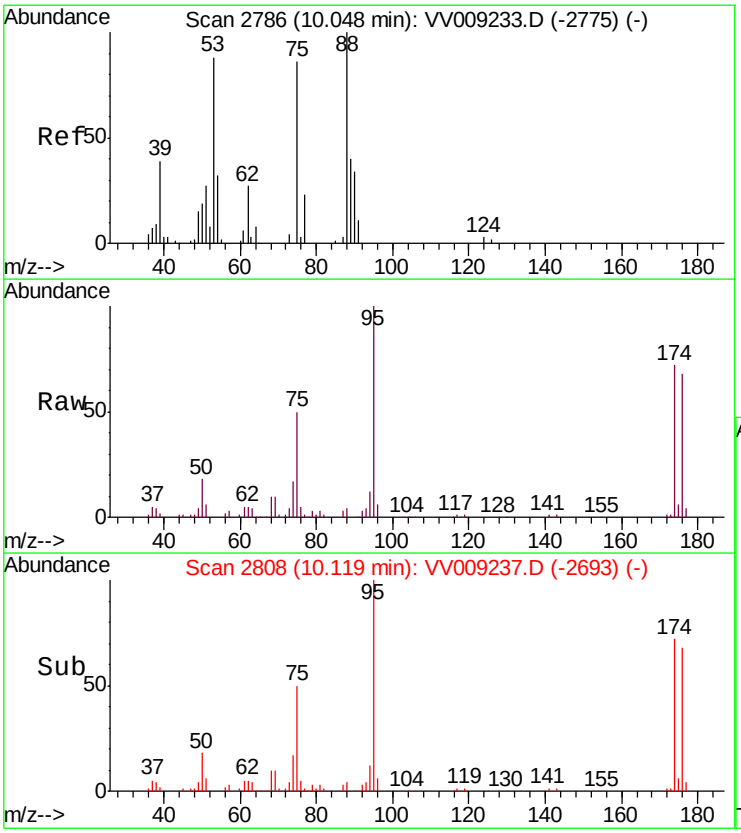
#76
1,2,3-Trichloropropane
Concen: 51.642 ug/l
RT: 10.12 min Scan# 2808
Delta R.T. -0.20 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument : MSVOA_V
ClientSampleId : VV0122SBL01

Tgt Ion: 75 Resp: 32650

Ion	Ratio	Lower	Upper
75	100		
77	1.0	24.6	73.8#

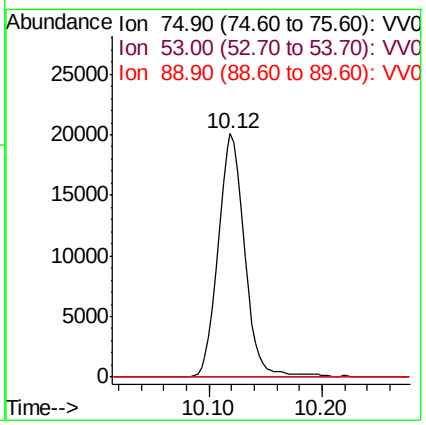


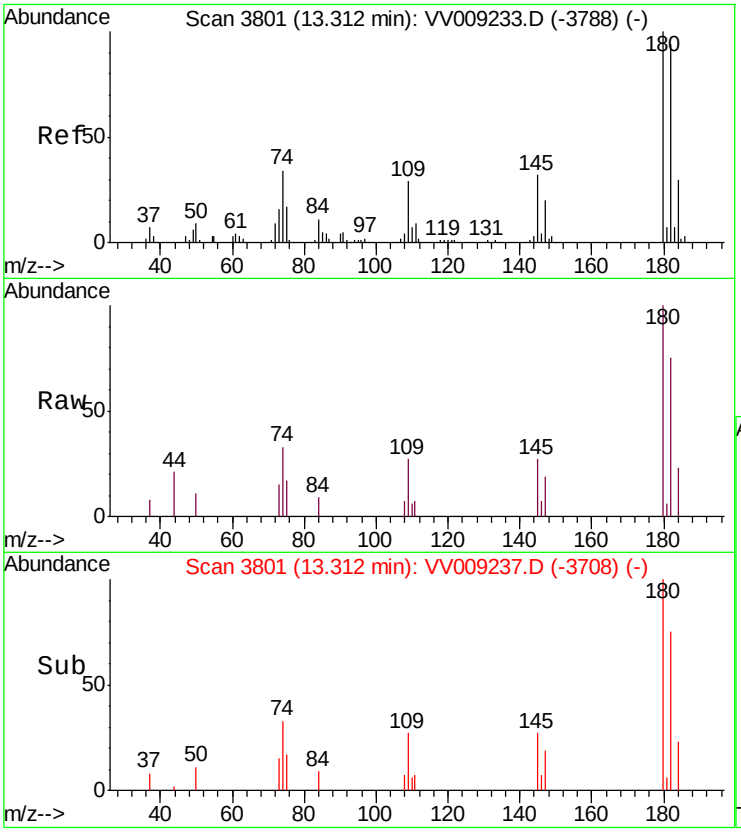


#81
trans-1,4-Dichloro-2-butene
Concen: 146.141 ug/l
RT: 10.12 min Scan# 2808
Delta R.T. 0.07 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Tgt Ion: 75 Resp: 32650

Ion	Ratio	Lower	Upper
75	100		
53	0.0	82.1	123.1#
89	0.0	36.2	54.4#



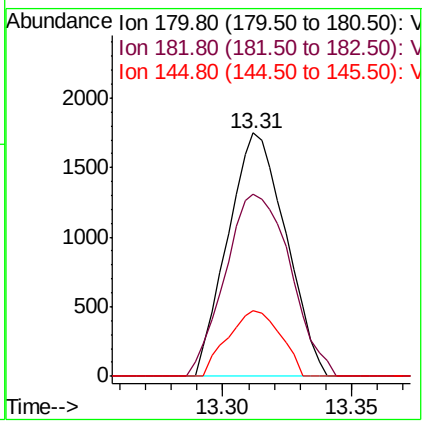


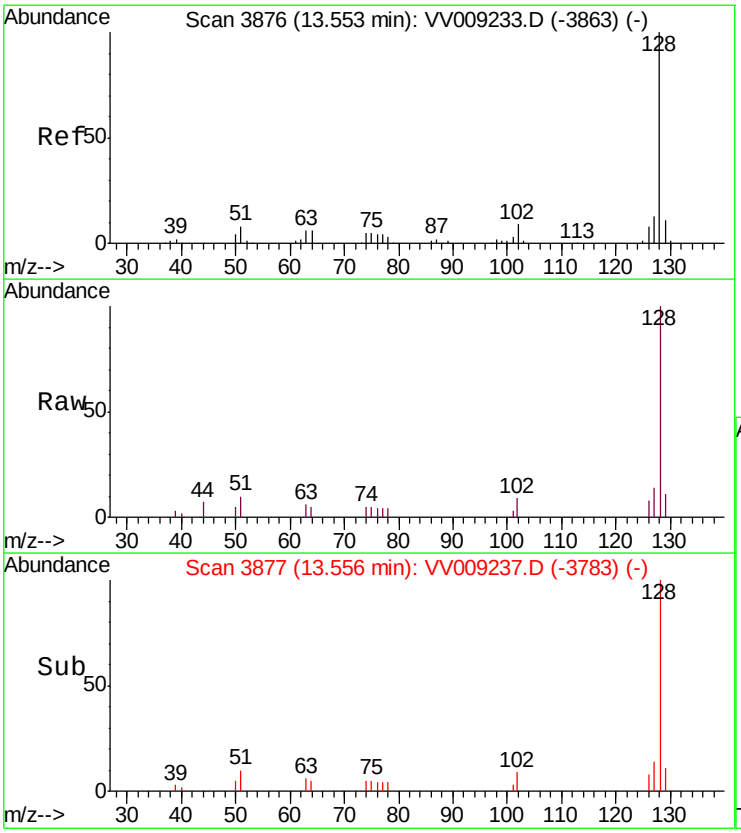
#93
1,2,4-Trichlorobenzene
Concen: 2.278 ug/l
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument : MSVOA_V
ClientSampleId : VV0122SBL01

Tgt Ion:180 Resp: 2742

Ion	Ratio	Lower	Upper
180	100		
182	84.3	47.1	141.4
145	24.4	16.0	48.0

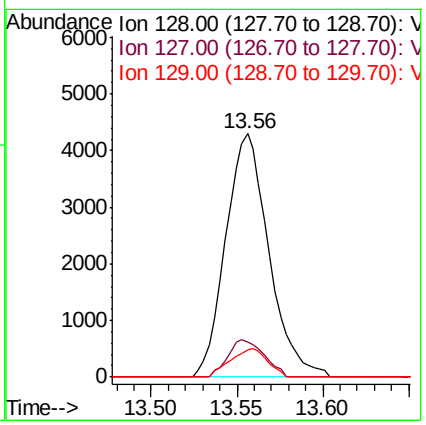


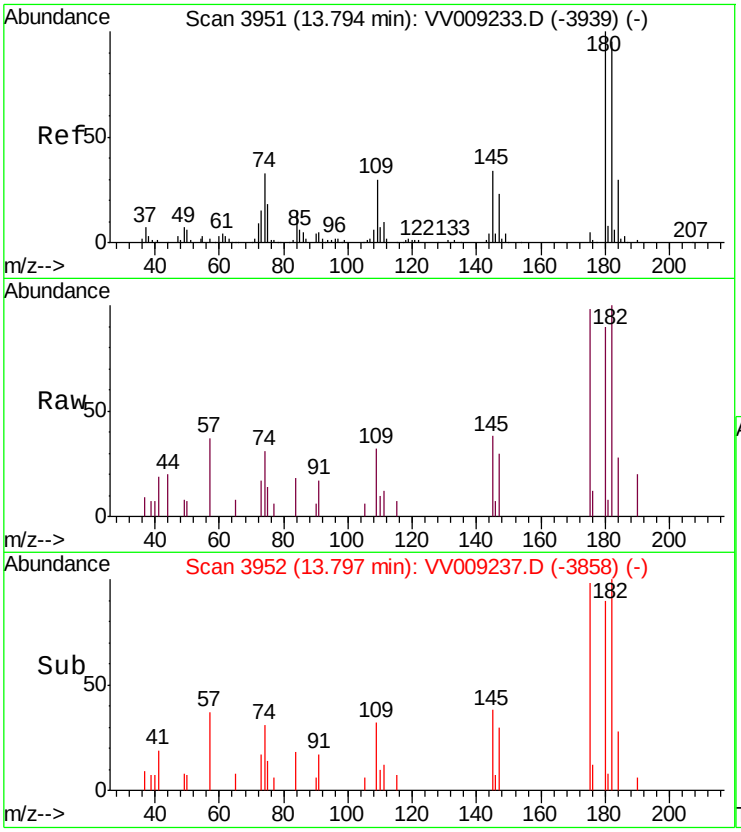


#95
Naphthalene
Concen: 3.603 ug/l
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Tgt Ion:128 Resp: 7497

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	10.0	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 2.311 ug/l
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009237.D
Acq: 22 Jan 2019 15:59

Instrument :
MSVOA_V
ClientSampleId :
VV0122SBL01

Tgt Ion:180 Resp: 2355

Ion	Ratio	Lower	Upper
180	100		
182	101.4	47.4	142.2
145	37.8	17.2	51.5