Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\

Quantitation Report (Not Reviewed)

Data File : VX012196.D
Acq On : 08 Sep 2019 02:32
Operator : SY/SP
Sample : K4602-19
Misc : 4.27g/5.0mL/MSVOA_X/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PAR-D2-(3.11)

Quant Time: Sep 08 07:49:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	153455	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	263587	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	228742	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97128	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	104716	49.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.92%				
35) Dibromofluoromethane	5.48	113	78402	48.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.74%				
50) Toluene-d8	8.71	98	310619	52.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.44%				
62) 4-Bromofluorobenzene	11.14	95	121067	43.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.52%				
Target Compounds							Qvalue
8) Diethyl Ether	2.18	74	923	1.261	ug/l		90
10) Methyl Iodide	2.51	142	194	7.093	ug/l	#	40
11) Tert butyl alcohol	3.02	59	1174	5.773	ug/l	#	89
13) Acrolein	2.31	56	60	Below Cal		#	12
16) Acetone	2.43	43	6611	13.063	ug/l		94
20) Methylene Chloride	2.84	84	11314	5.567	ug/l		95
29) Tetrahydrofuran	5.12	42	3233	8.329	ug/l		92
36) 1,1-Dichloropropene	5.65	75	13493	5.812	ug/l	#	50
38) Carbon Tetrachloride	5.65	117	17806	7.279	ug/l	#	14
49) 1,4-Dioxane	7.70	88	27	1.535	ug/l	#	1
76) 1,2,3-Trichloropropane	11.13	75	63100	53.170	ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.13	75	63100	125.702	ug/l	#	10

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

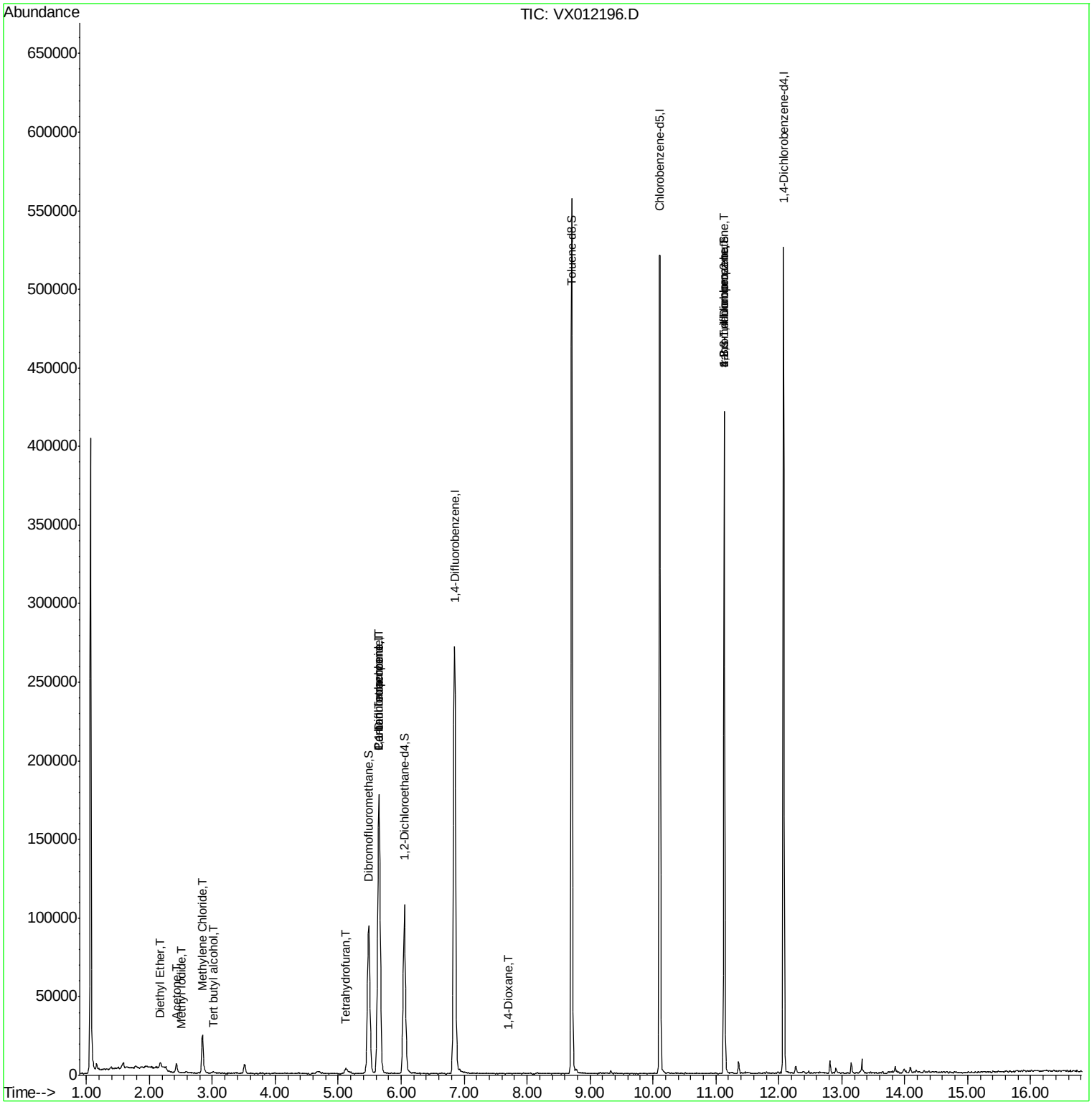
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\

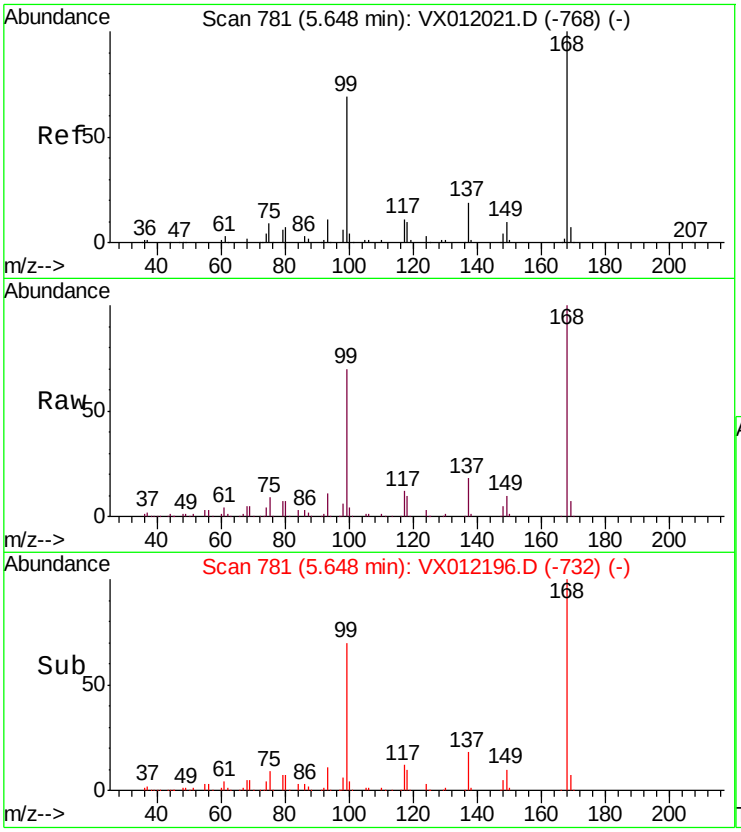
Quantitation Report (Not Reviewed)

Data File : VX012196.D
Acq On : 08 Sep 2019 02:32
Operator : SY/SP
Sample : K4602-19
Misc : 4.27g/5.0mL/MSVOA_X/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Quant Time: Sep 08 07:49:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration



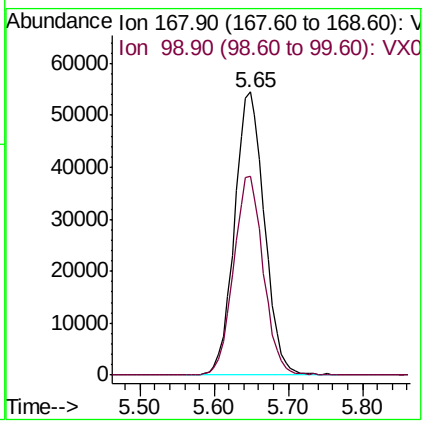


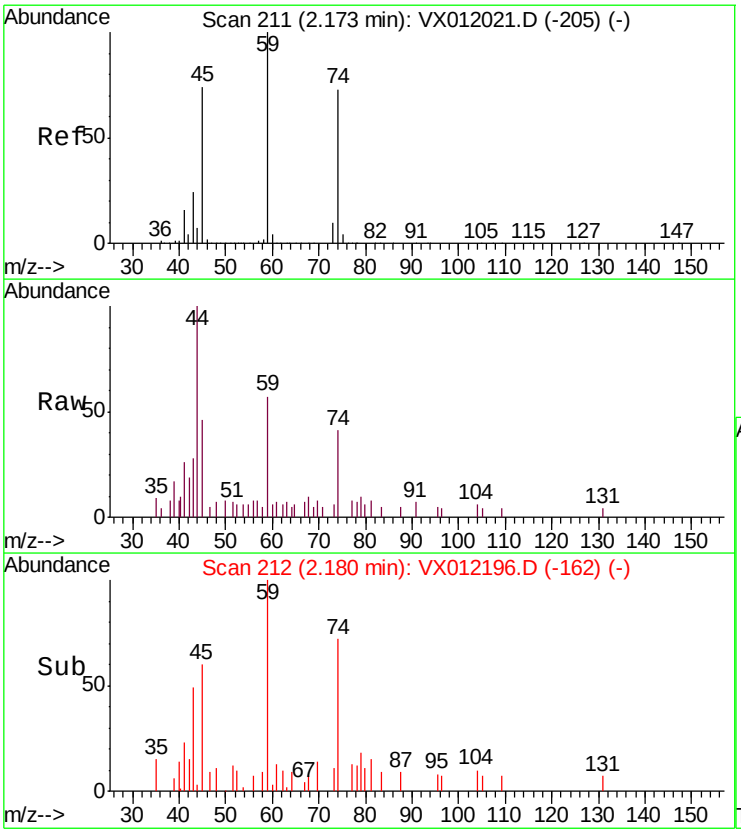
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tgt Ion:168 Resp: 153455

Ion	Ratio	Lower	Upper
168	100		
99	70.3	37.6	56.4#

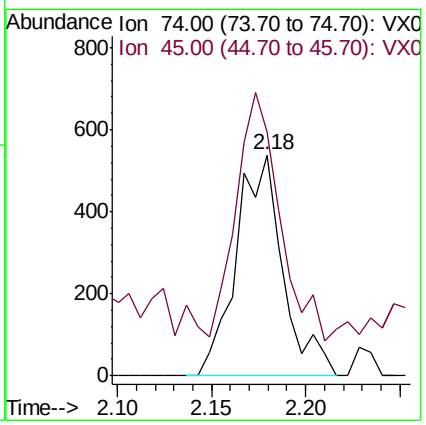


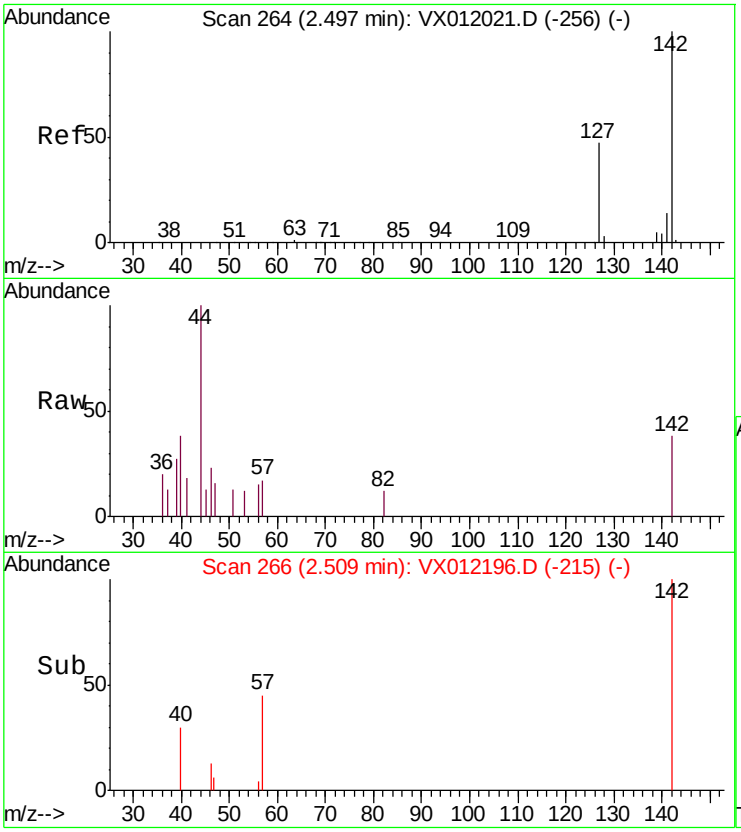


#8
Diethyl Ether
Concen: 1.261 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion: 74 Resp: 923

Ion	Ratio	Lower	Upper
74	100		
45	100.9	45.9	137.6



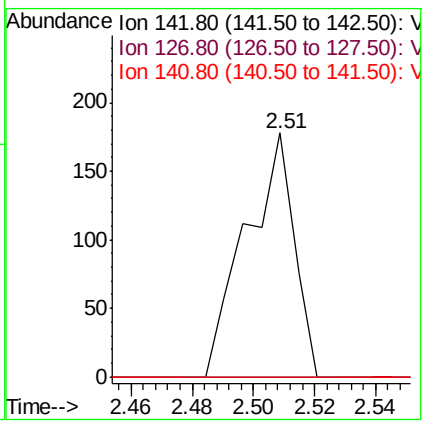


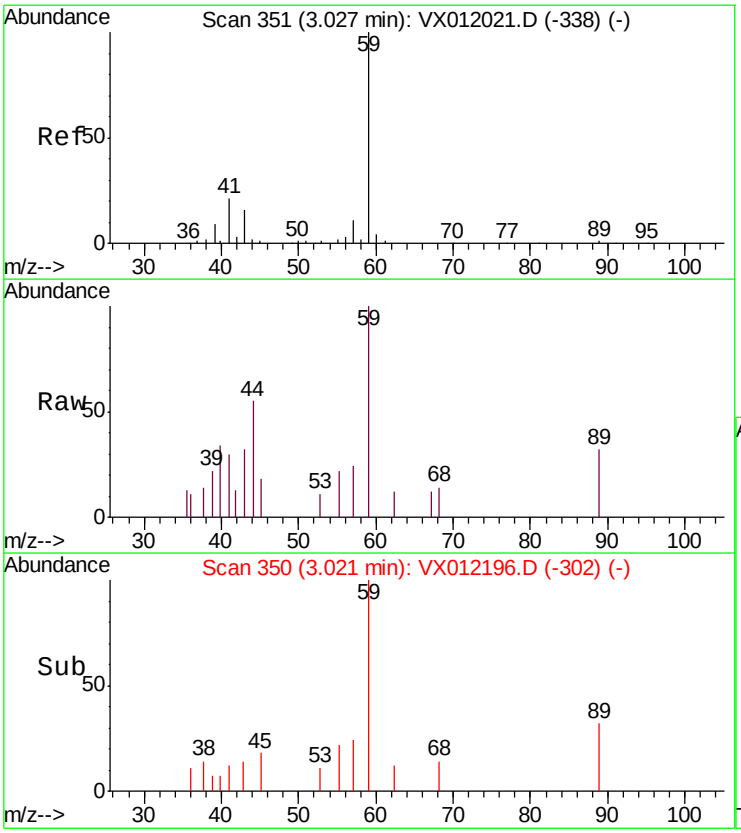
#10
Methyl Iodide
Concen: 7.093 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tgt Ion:142 Resp: 194

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.4	53.2#
141	0.0	11.4	17.2#

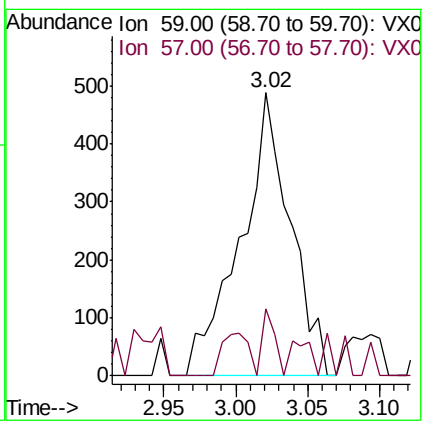


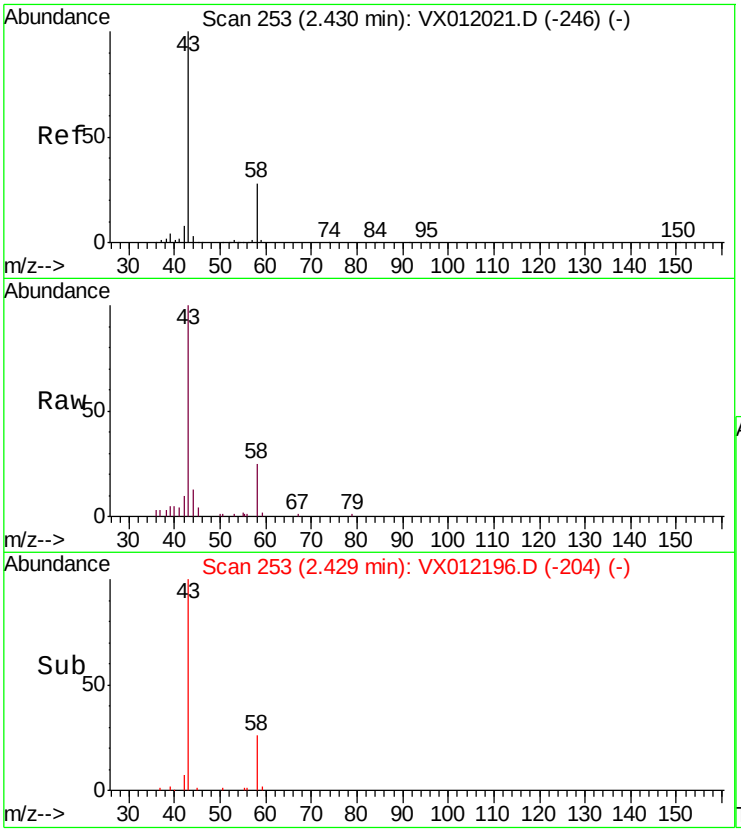


#11
Tert butyl alcohol
Concen: 5.773 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion: 59 Resp: 1174

Ion	Ratio	Lower	Upper
59	100		
57	5.9	7.9	11.9#



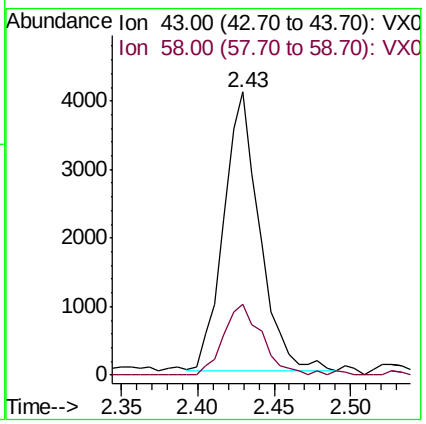


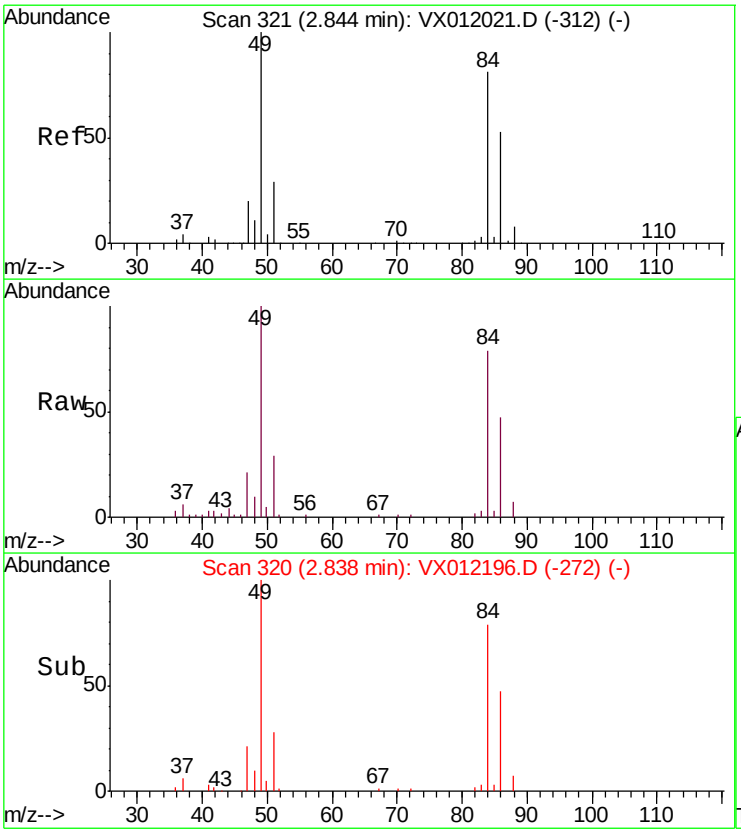
#16
Acetone
Concen: 13.063 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tgt Ion: 43 Resp: 6611

Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.8	34.2

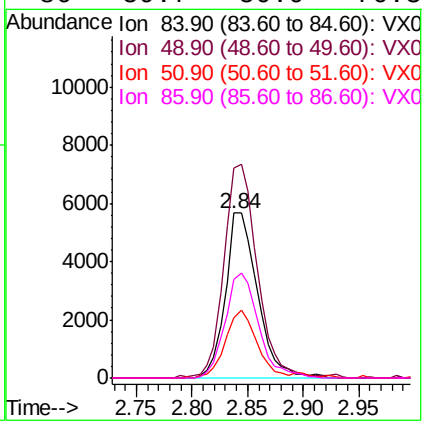


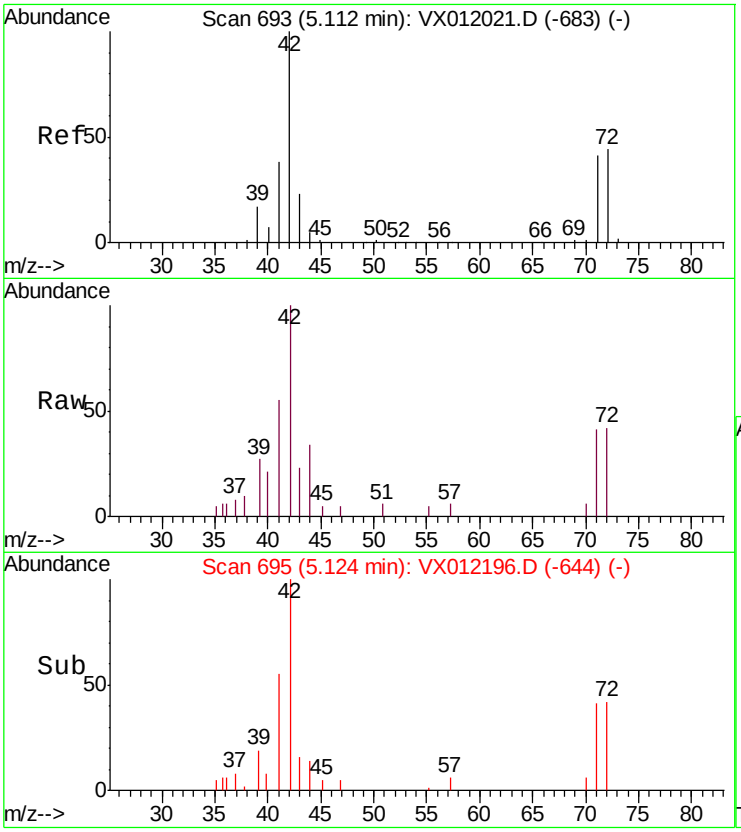


#20
Methylene Chloride
Concen: 5.567 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion: 84 Resp: 11314

Ion	Ratio	Lower	Upper
84	100		
49	126.3	95.8	143.8
51	35.7	28.6	43.0
86	59.7	50.9	76.3



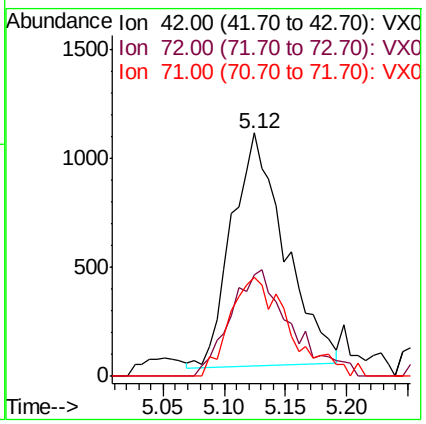


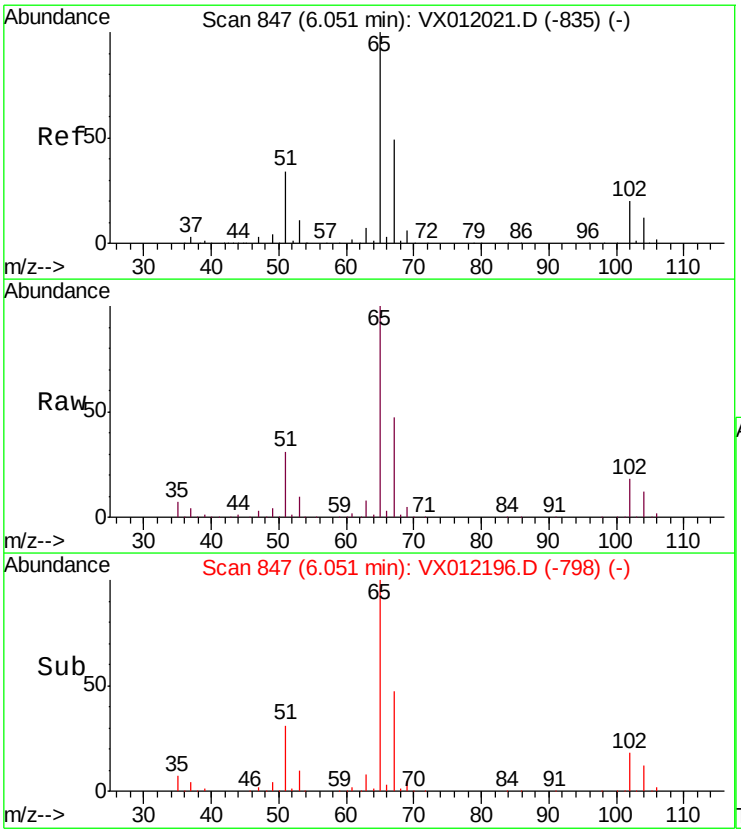
#29
Tetrahydrofuran
Concen: 8.329 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tgt Ion: 42 Resp: 3233

Ion	Ratio	Lower	Upper
42	100		
72	51.6	37.0	55.4
71	47.4	33.8	50.8

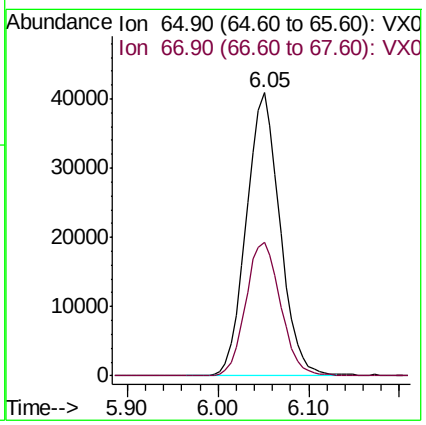


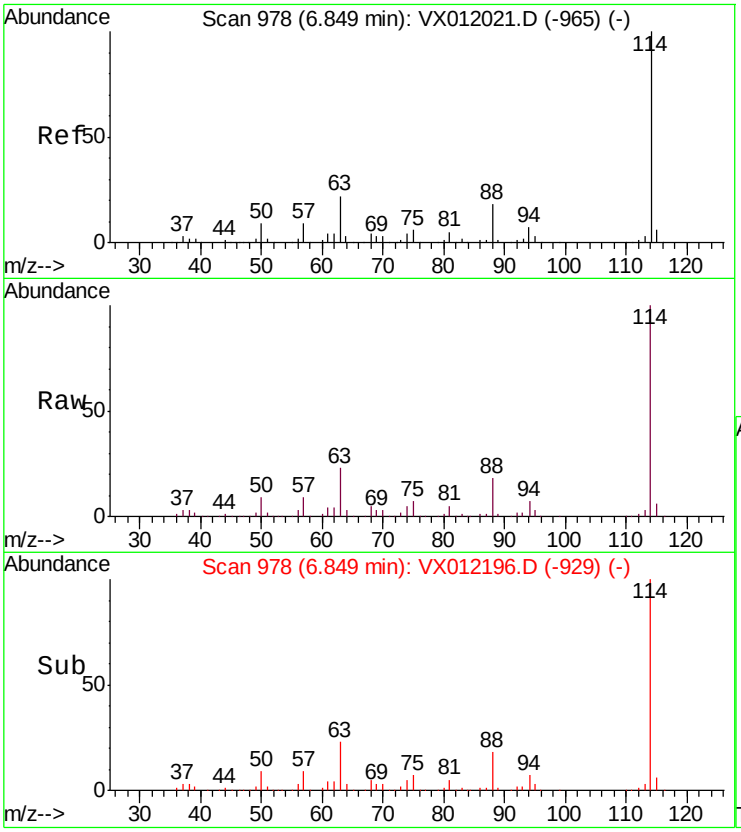


#33
1,2-Dichloroethane-d4
Concen: 49.456 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion: 65 Resp: 104716

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	102.0



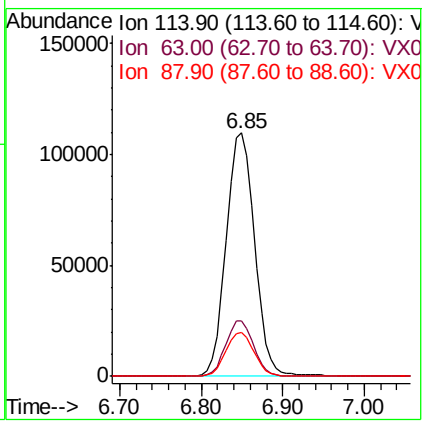


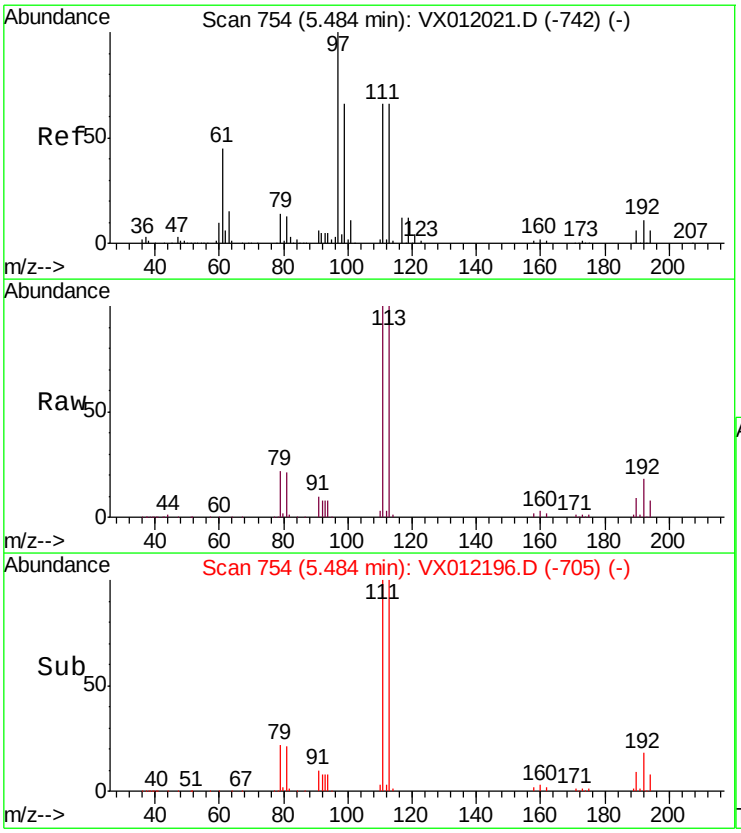
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tgt Ion:114 Resp: 263587

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	37.4
88	17.9	0.0	29.6

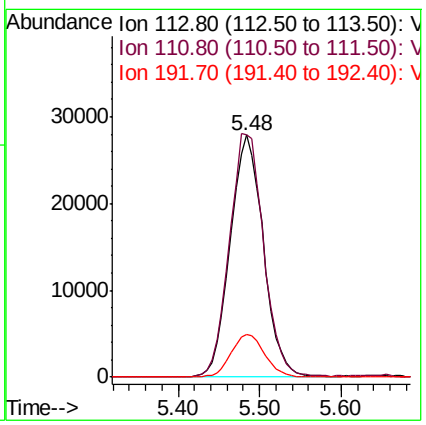


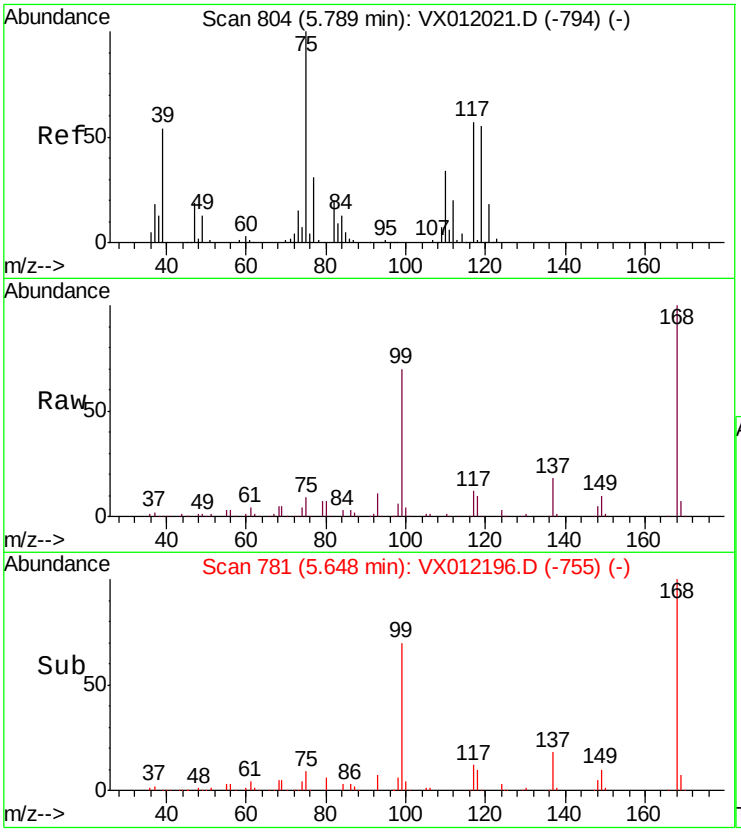


#35
Dibromofluoromethane
Concen: 48.367 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion:113 Resp: 78402

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.7	122.5
192	17.8	22.5	33.7#



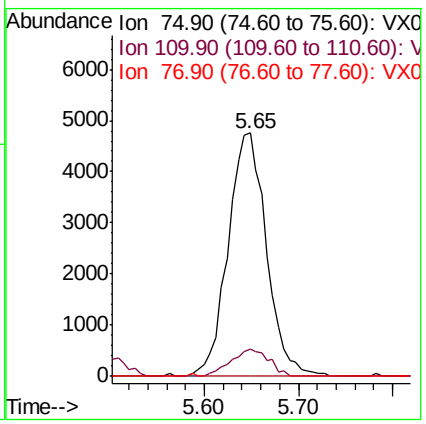


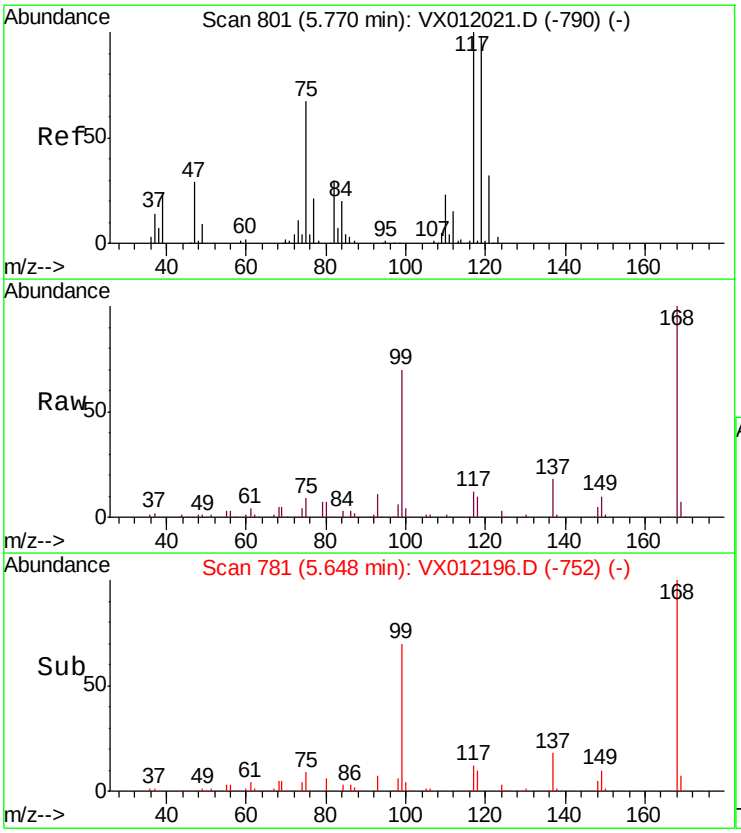
#36
1,1-Dichloropropene
Concen: 5.812 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tgt Ion: 75 Resp: 13493

Ion	Ratio	Lower	Upper
75	100		
110	11.1	19.5	58.5#
77	0.0	24.6	37.0#

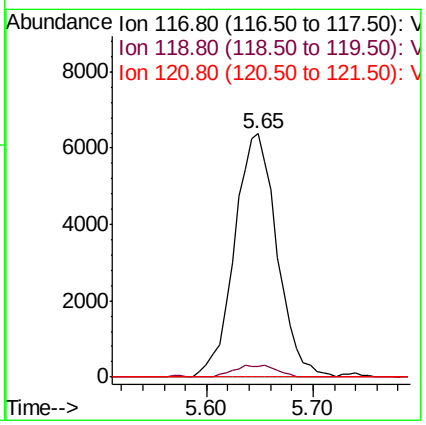


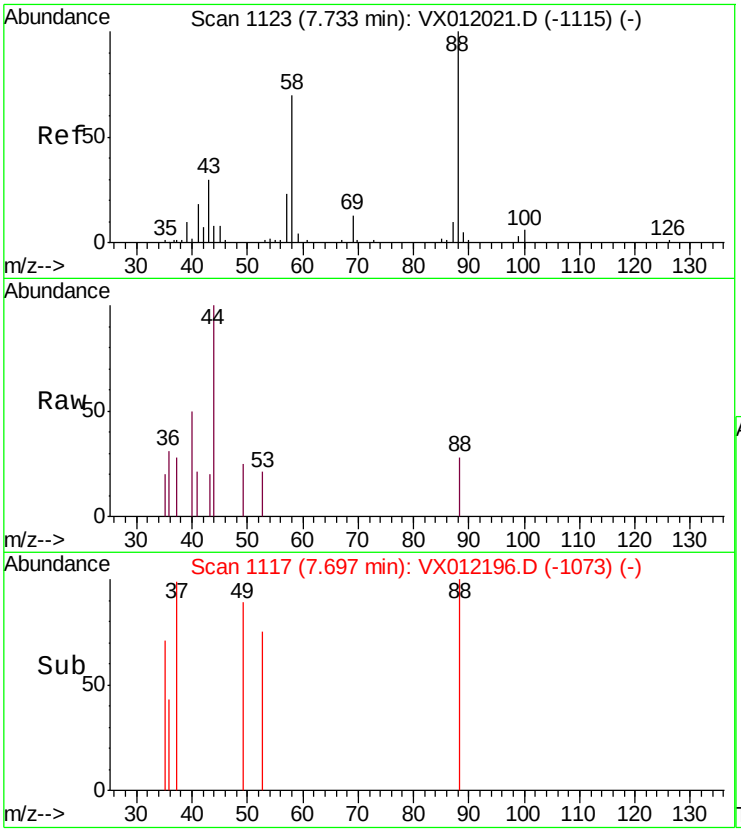


#38
Carbon Tetrachloride
Concen: 7.279 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion:117 Resp: 17806

Ion	Ratio	Lower	Upper
117	100		
119	4.2	78.3	117.5#
121	0.0	24.2	36.2#



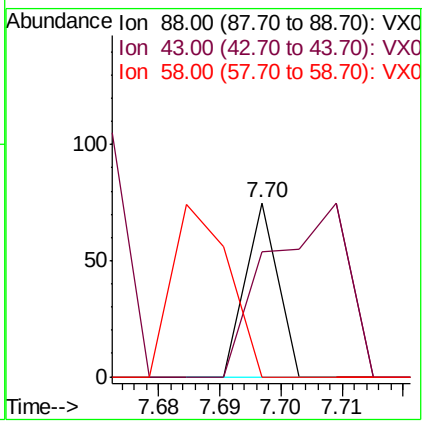


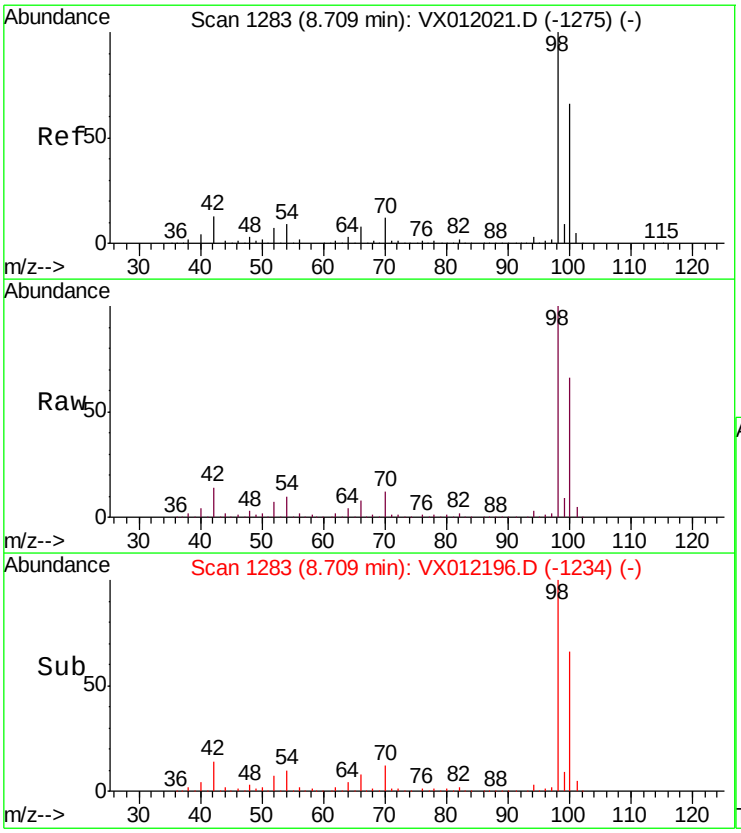
#49
1,4-Dioxane
Concen: 1.535 ug/l
RT: 7.70 min Scan# 1117
Delta R.T. -0.03 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tgt Ion: 88 Resp: 27

Ion	Ratio	Lower	Upper
88	100		
43	248.1	29.8	44.6#
58	0.0	55.4	83.2#

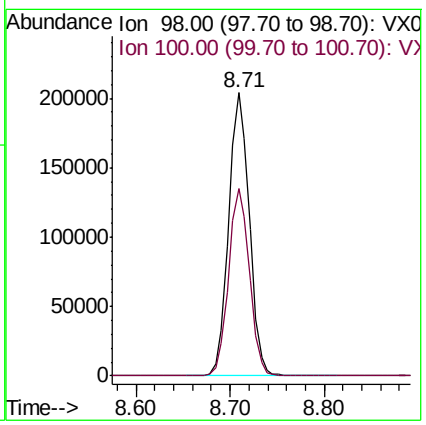


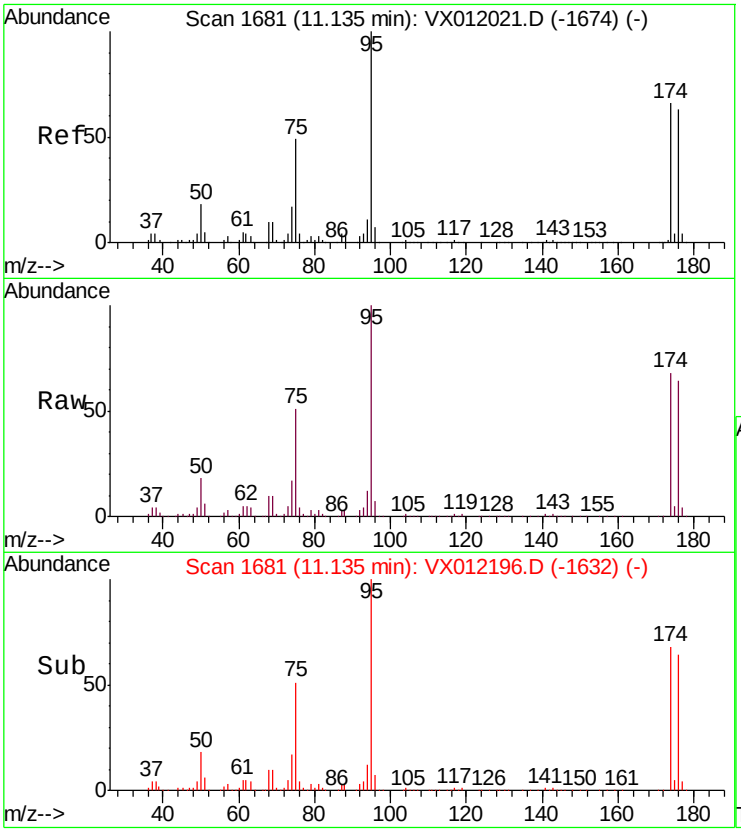


#50
Toluene-d8
Concen: 52.220 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion: 98 Resp: 310619

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.3	79.9



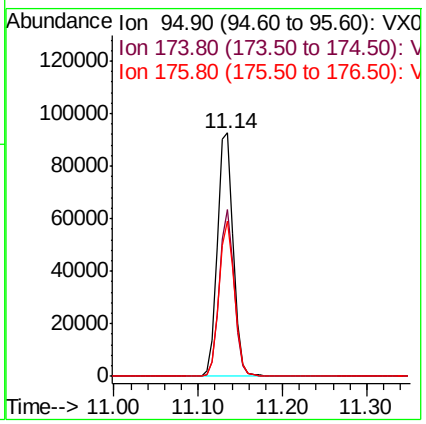


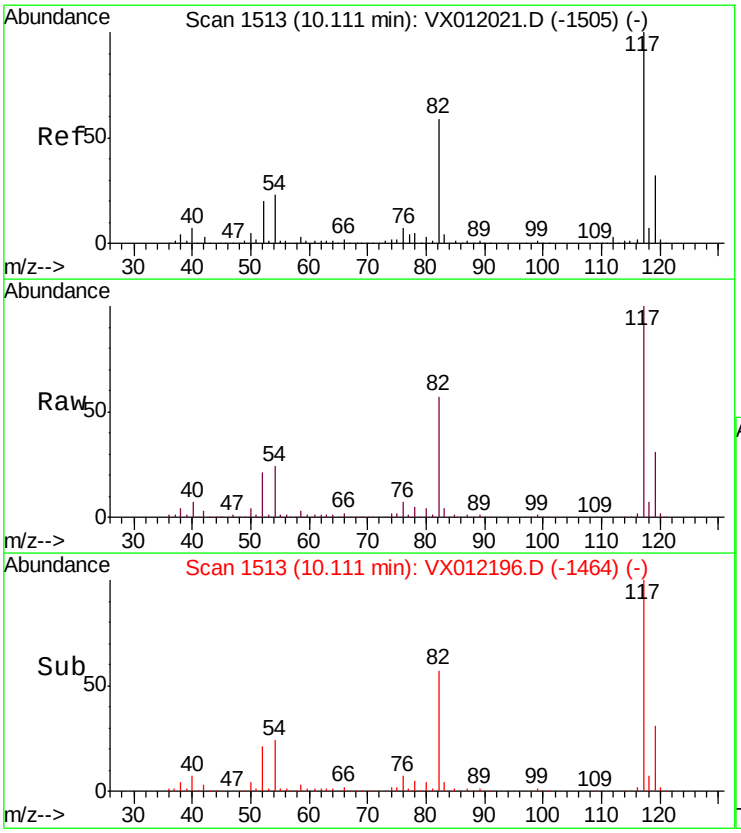
#62
4-Bromofluorobenzene
Concen: 43.765 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tgt Ion: 95 Resp: 121067

Ion	Ratio	Lower	Upper
95	100		
174	64.0	0.0	205.4
176	62.1	0.0	201.8

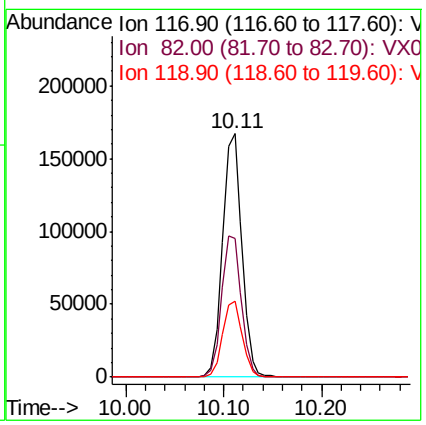


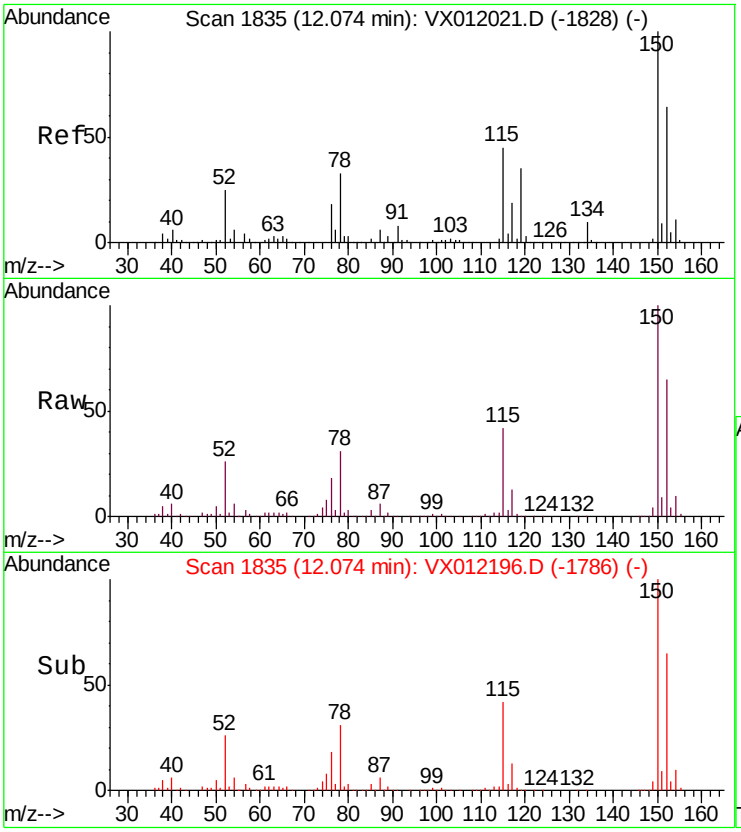


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion:117 Resp: 228742

Ion	Ratio	Lower	Upper
117	100		
82	57.1	39.4	59.0
119	31.1	26.1	39.1



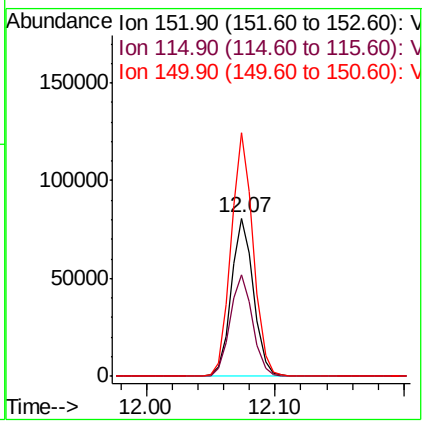


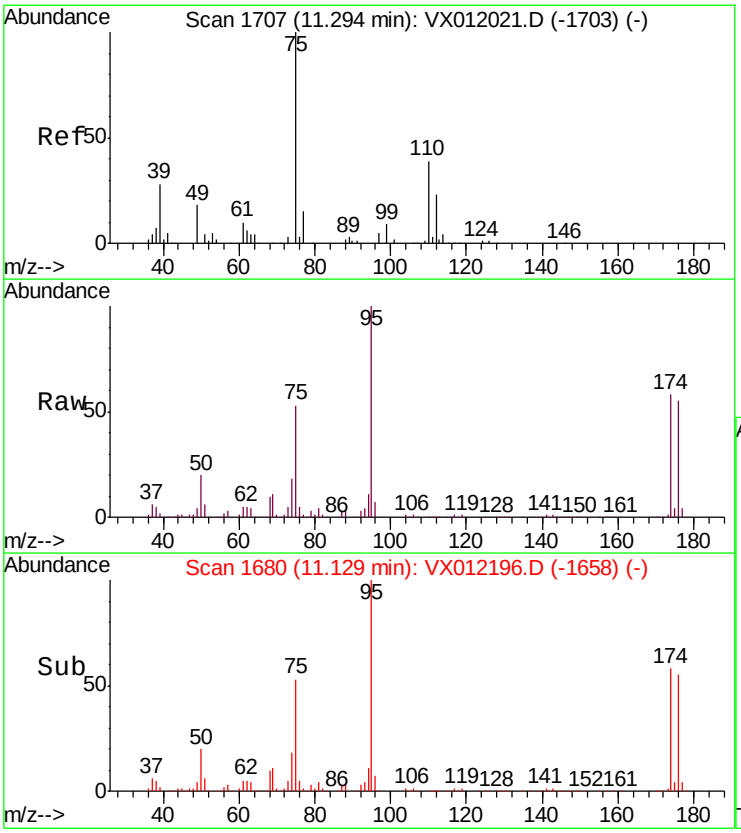
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tgt Ion:152 Resp: 97128

Ion	Ratio	Lower	Upper
152	100		
115	65.5	36.4	109.3
150	153.5	0.0	341.2

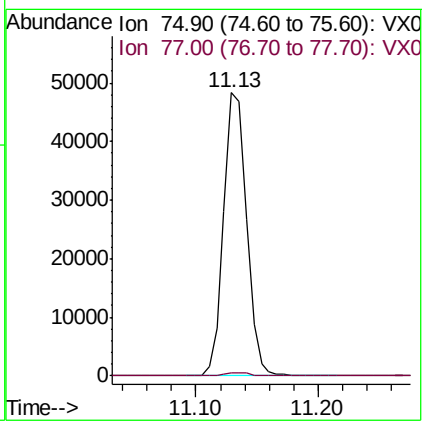


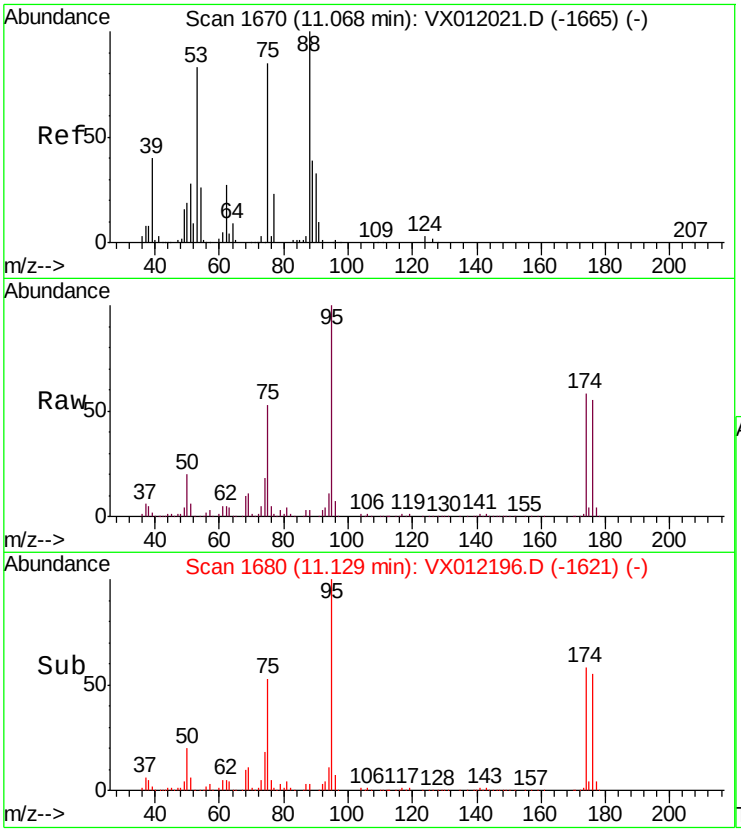


#76
1,2,3-Trichloropropane
Concen: 53.170 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion: 75 Resp: 63100

Ion	Ratio	Lower	Upper
75	100		
77	1.4	23.5	70.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 125.702 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tgt Ion: 75 Resp: 63100

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.6	117.8#
89	0.1	38.8	58.2#