Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Data File : VX011973.D
Acq On : 01 Sep 2019 02:37
Operator : SY/SP
Sample : K4526-16
Misc : 5.52g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-G3-(0)

Quant Time: Sep 01 04:07:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

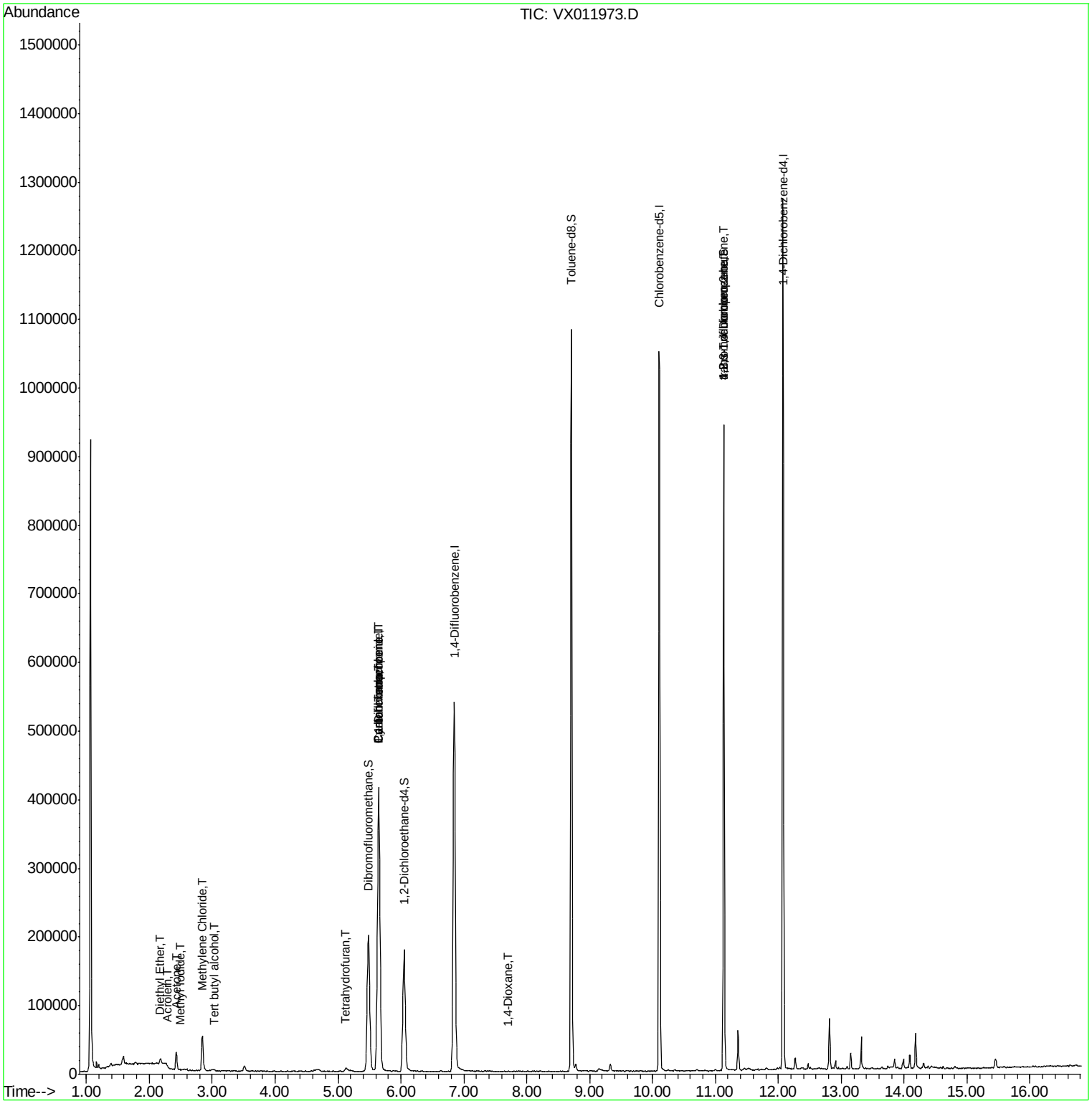
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	439966	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	563703	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	502294	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	272628	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	175781	41.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.40%				
35) Dibromofluoromethane	5.48	113	161285	44.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.24%				
50) Toluene-d8	8.71	98	627826	48.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.18%				
62) 4-Bromofluorobenzene	11.13	95	239062	42.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.36%				
Target Compounds							Qvalue
8) Diethyl Ether	2.17	74	2729	1.556	ug/l		90
10) Methyl Iodide	2.50	142	385	3.774	ug/l	#	62
11) Tert butyl alcohol	3.03	59	2617	6.453	ug/l	#	87
13) Acrolein	2.30	56	228	1.130	ug/l	#	1
16) Acetone	2.43	43	28056	30.934	ug/l		99
20) Methylene Chloride	2.84	84	25193	1.773	ug/l		94
29) Tetrahydrofuran	5.12	42	5006	6.072	ug/l	#	89
31) Cyclohexane	5.64	56	6896	1.310	ug/l	#	1
36) 1,1-Dichloropropene	5.64	75	26965	6.038	ug/l	#	51
38) Carbon Tetrachloride	5.64	117	37590	7.258	ug/l	#	16
49) 1,4-Dioxane	7.69	88	41	1.143	ug/l	#	1
76) 1,2,3-Trichloropropane	11.13	75	118835	44.311	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	118835	111.316	ug/l	#	11

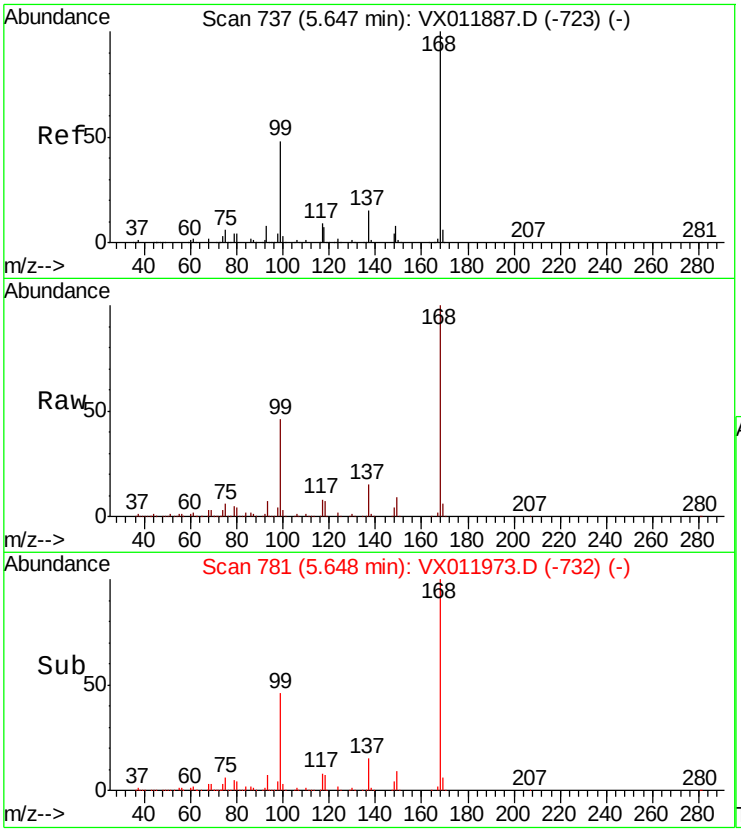
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Data File : VX011973.D
Acq On : 01 Sep 2019 02:37
Operator : SY/SP
Sample : K4526-16
Misc : 5.52g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G3-(0)

Quant Time: Sep 01 04:07:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration



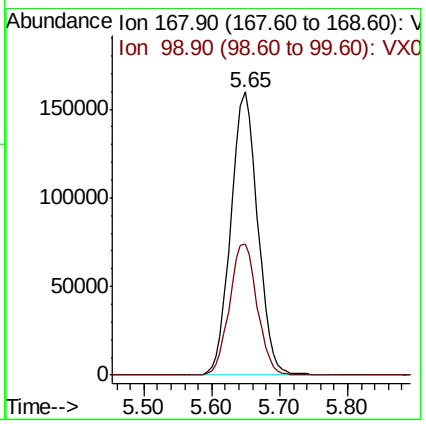


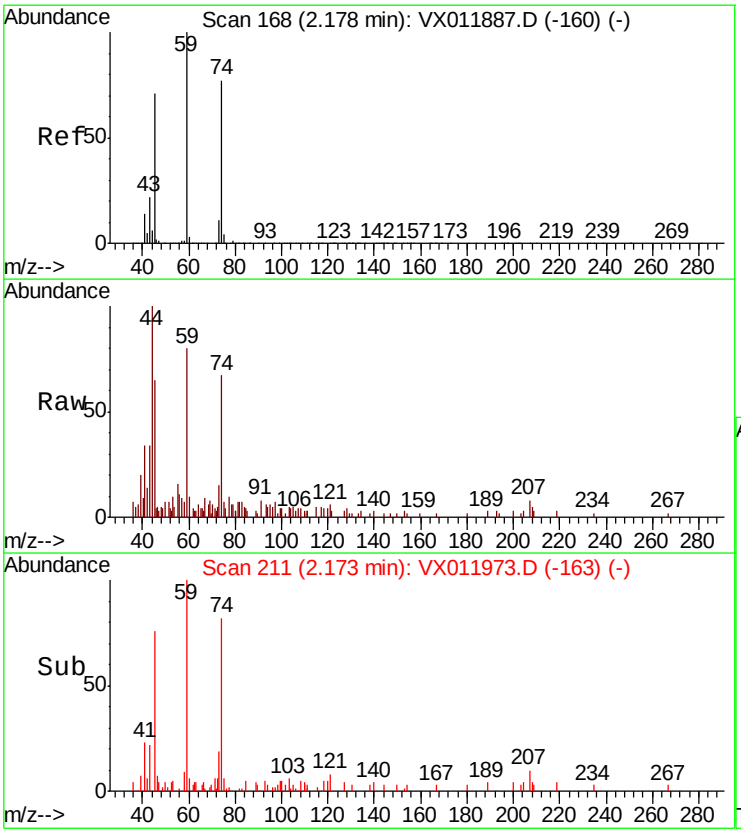
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument : MSVOA_X
ClientSampleId : T9-12-13-G3-(0)

Tgt Ion:168 Resp: 439966

Ion	Ratio	Lower	Upper
168	100		
99	46.2	38.4	57.6

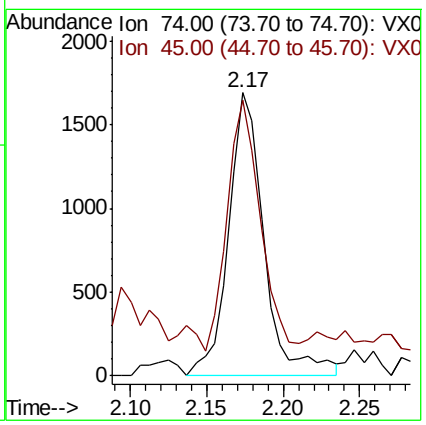


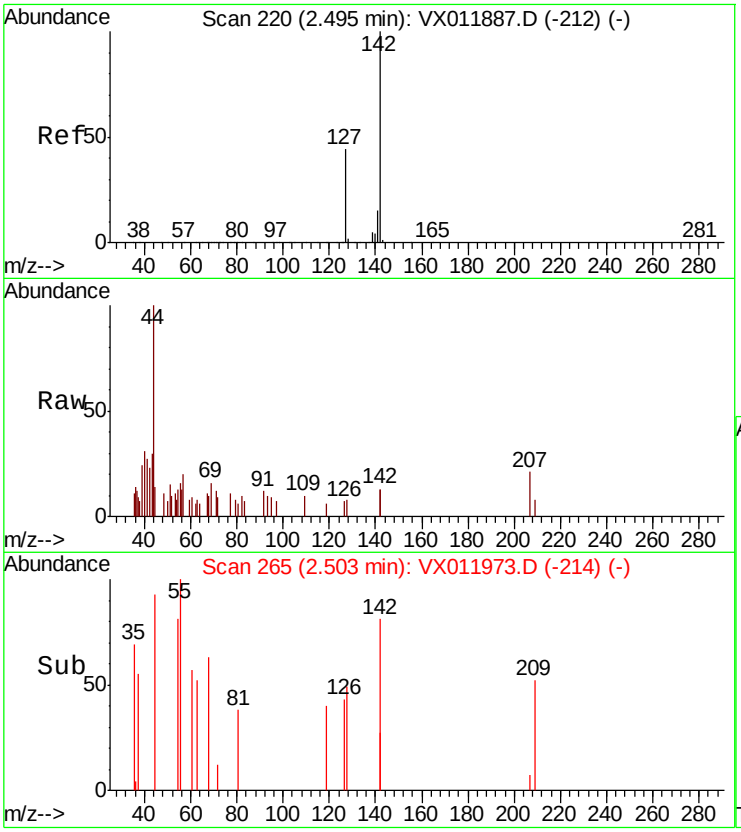


#8
Diethyl Ether
Concen: 1.556 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion: 74 Resp: 2729

Ion	Ratio	Lower	Upper
74	100		
45	83.7	46.7	140.1



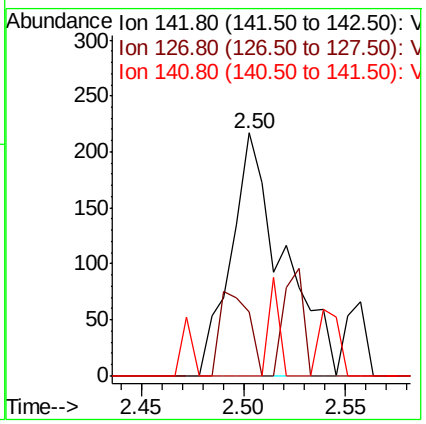


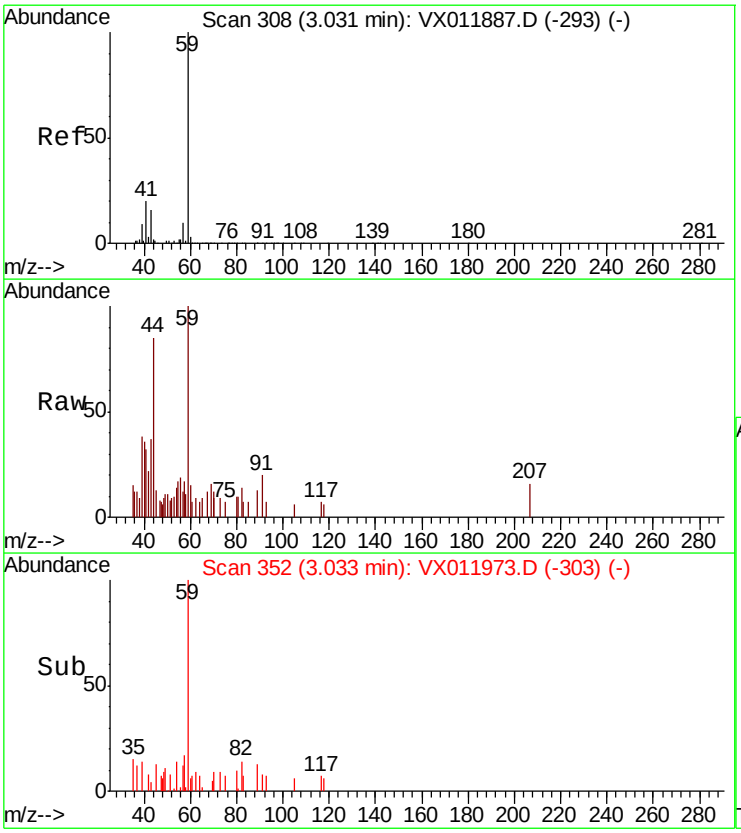
#10
Methyl Iodide
Concen: 3.774 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument : MSVOA_X
ClientSampleId : T9-12-13-G3-(0)

Tgt Ion:142 Resp: 385

Ion	Ratio	Lower	Upper
142	100		
127	19.2	35.7	53.5#
141	0.0	11.8	17.6#

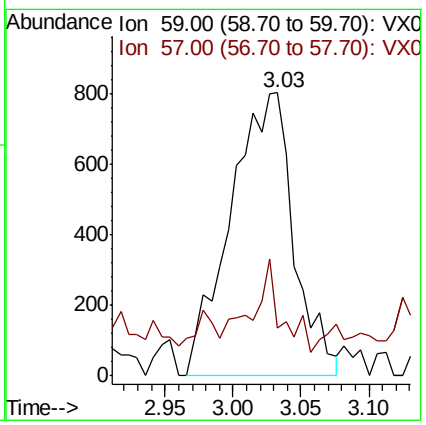


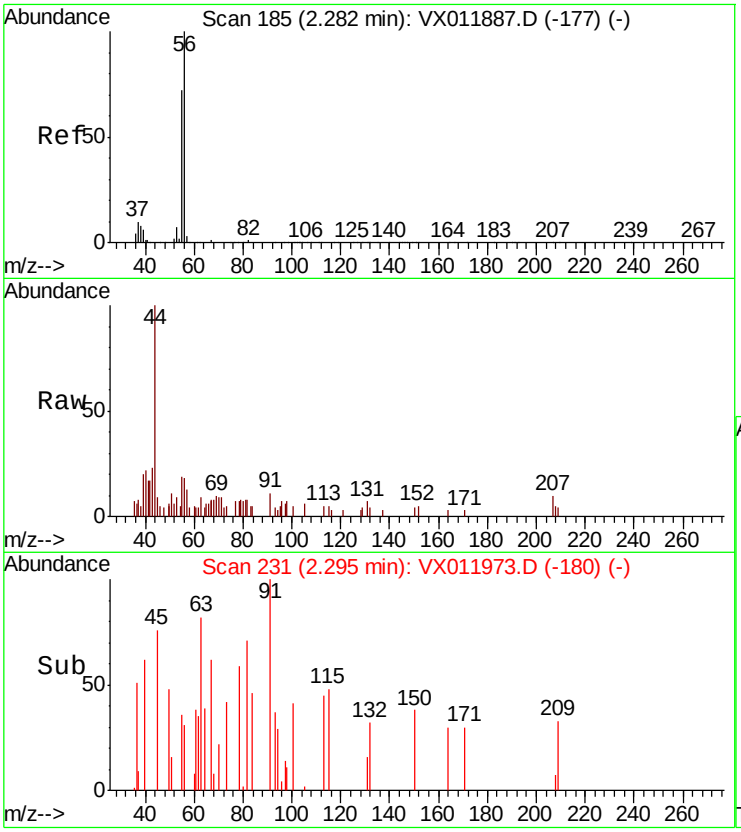


#11
Tert butyl alcohol
Concen: 6.453 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion: 59 Resp: 2617

Ion	Ratio	Lower	Upper
59	100		
57	15.7	8.6	12.8#



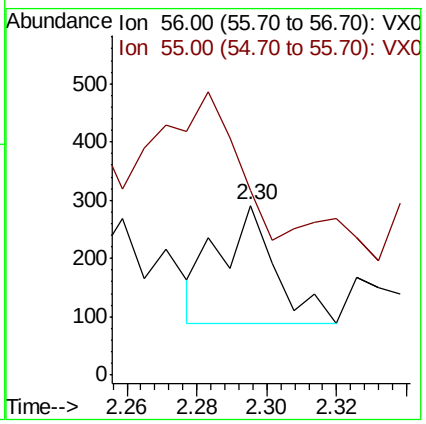


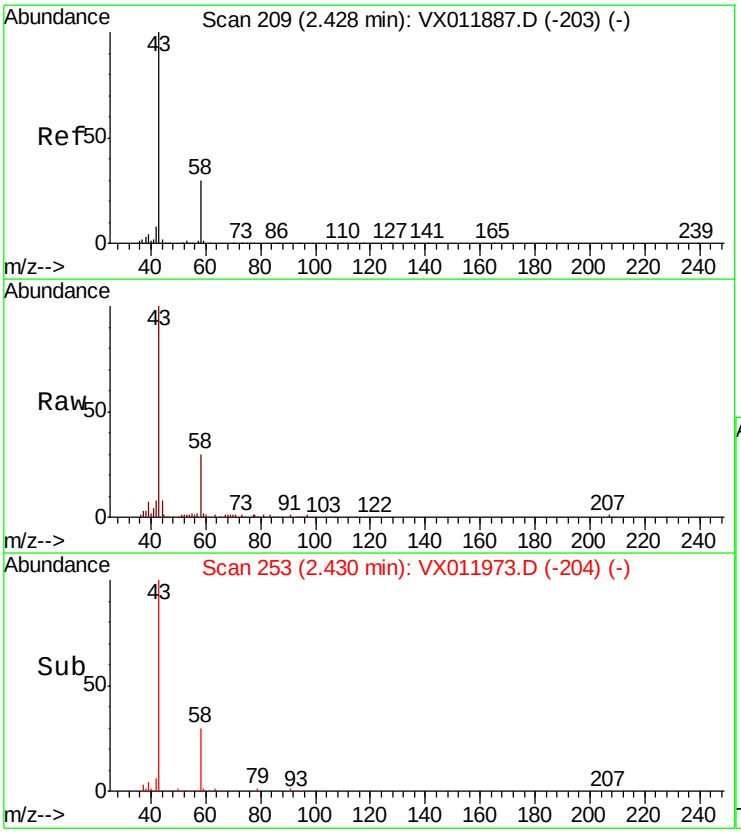
#13
Acrolein
Concen: 1.130 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G3-(0)

Tgt Ion: 56 Resp: 228

Ion	Ratio	Lower	Upper
56	100		
55	203.9	58.6	88.0#

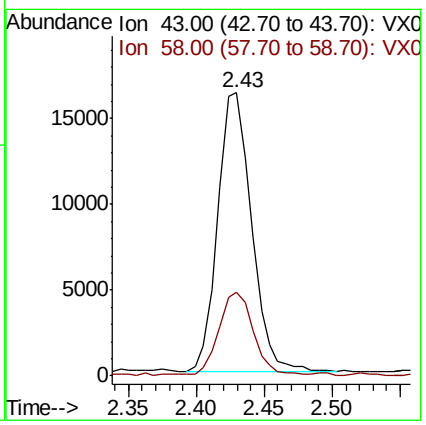


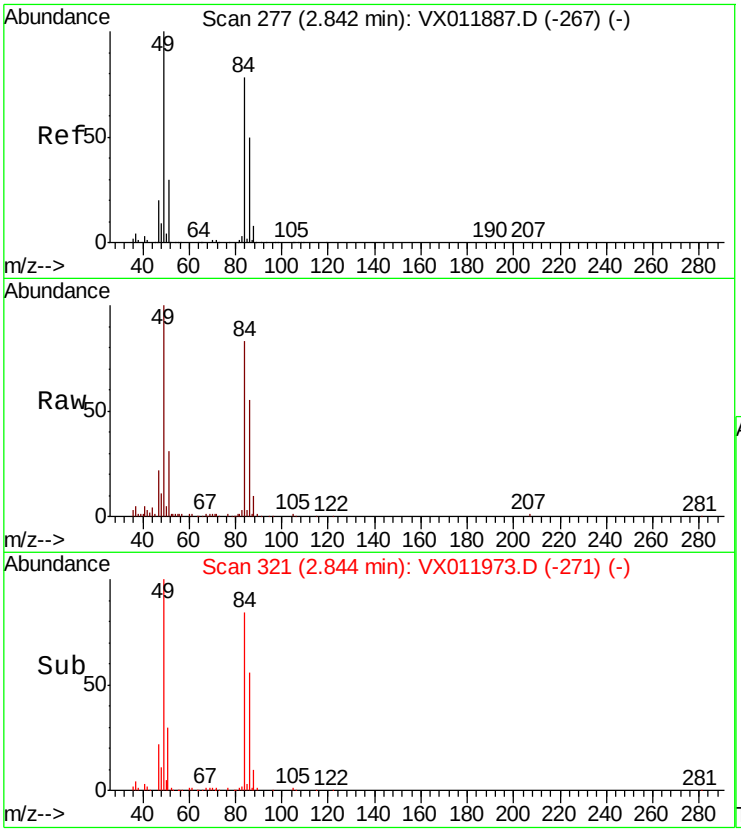


#16
Acetone
Concen: 30.934 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion: 43 Resp: 28056

Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.8	35.8



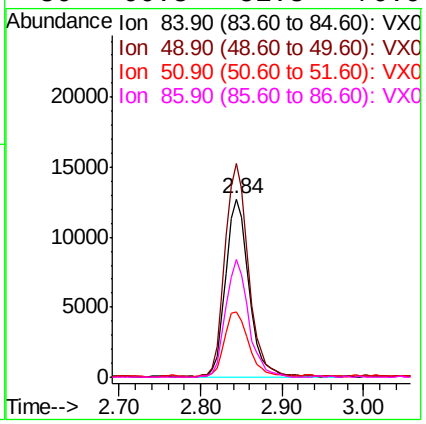


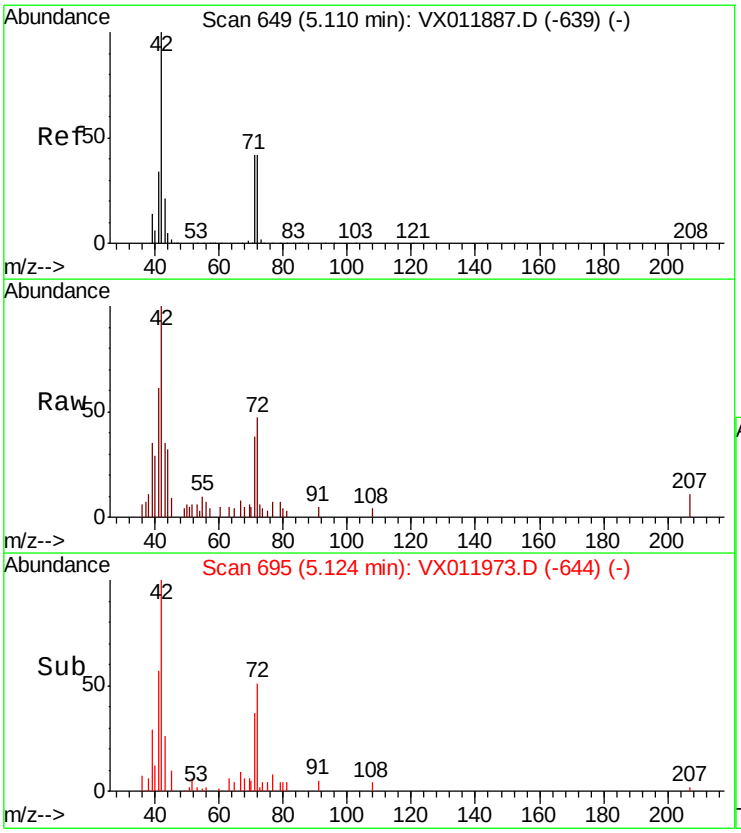
#20
Methylene Chloride
Concen: 1.773 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G3-(0)

Tgt Ion: 84 Resp: 25193

Ion	Ratio	Lower	Upper
84	100		
49	119.3	103.0	154.4
51	36.6	30.8	46.2
86	66.3	51.3	76.9

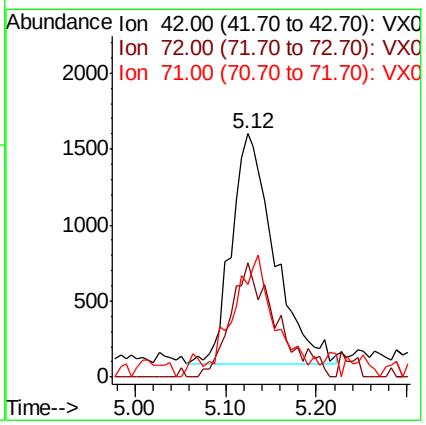


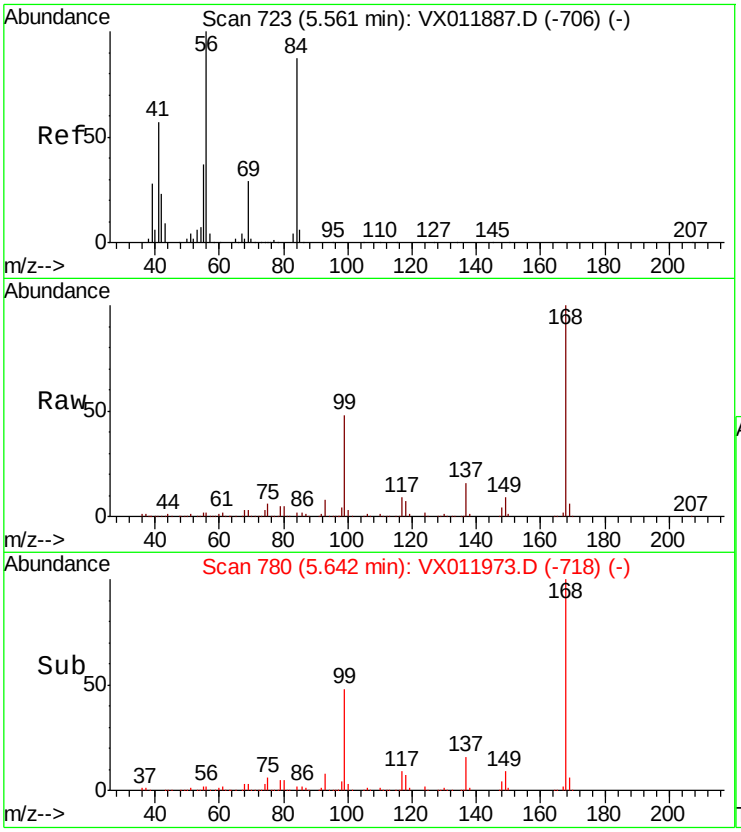


#29
Tetrahydrofuran
Concen: 6.072 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion: 42 Resp: 5006

Ion	Ratio	Lower	Upper
42	100		
72	49.3	36.2	54.4
71	52.3	33.1	49.7#



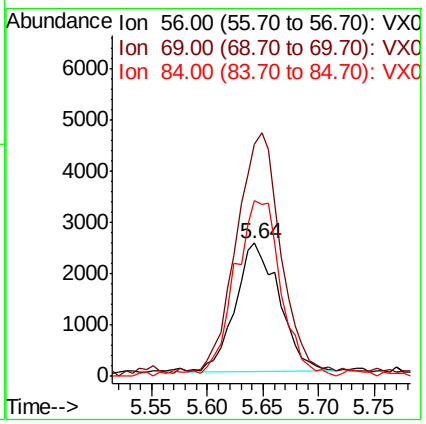


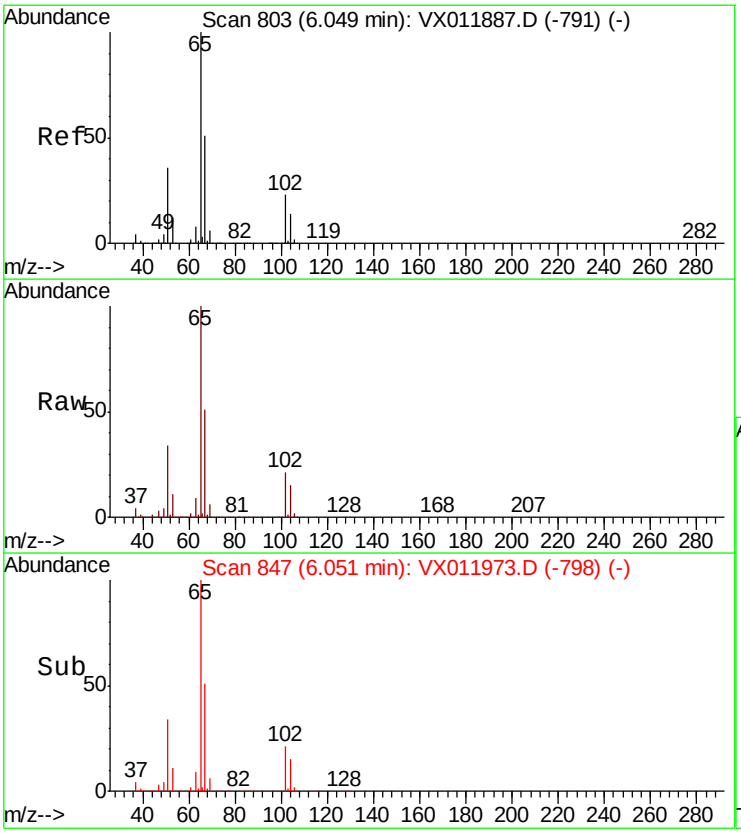
#31
Cyclohexane
Concen: 1.310 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.08 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G3-(0)

Tgt Ion: 56 Resp: 6896

Ion	Ratio	Lower	Upper
56	100		
69	178.0	23.1	34.7#
84	138.0	69.6	104.4#

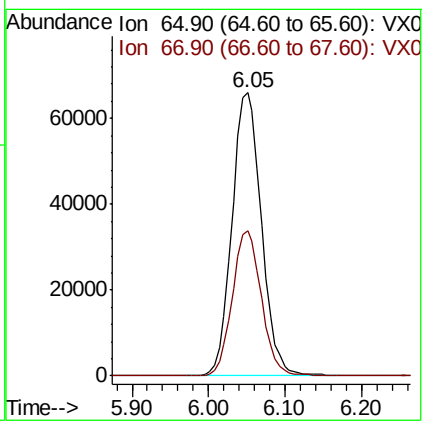


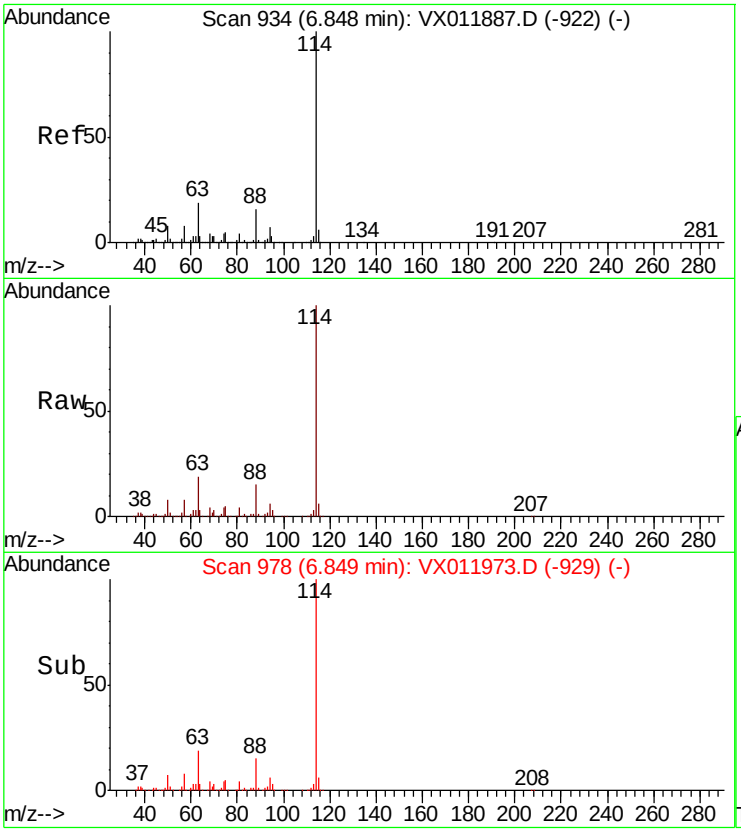


#33
1,2-Dichloroethane-d4
Concen: 41.701 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion: 65 Resp: 175781

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.2



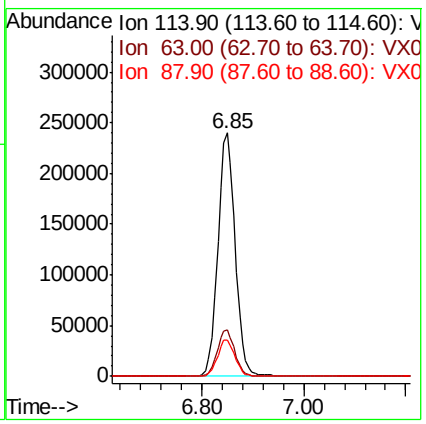


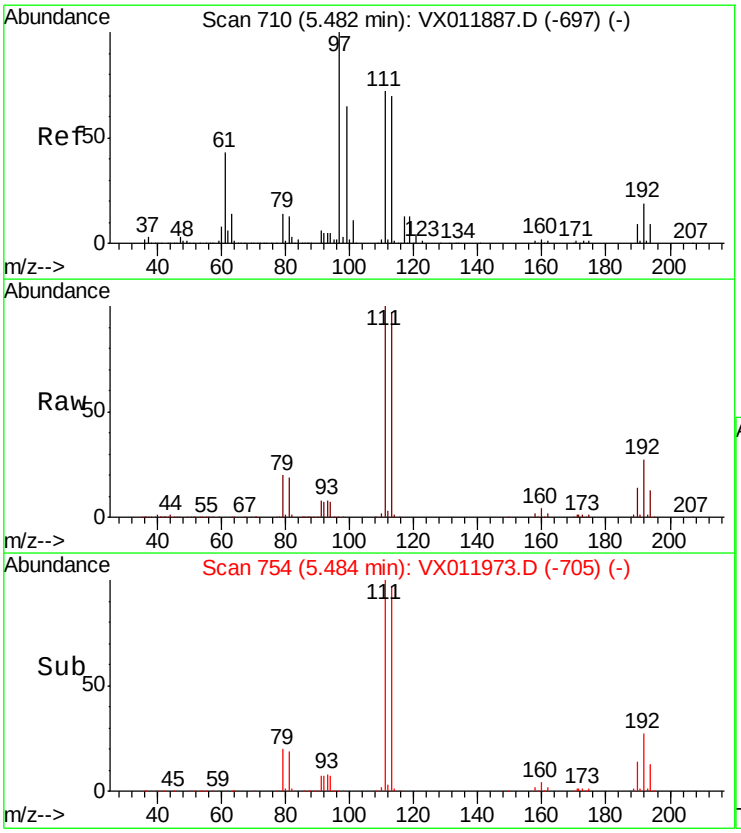
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G3-(0)

Tgt Ion:114 Resp: 563703

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.8
88	15.1	0.0	31.2

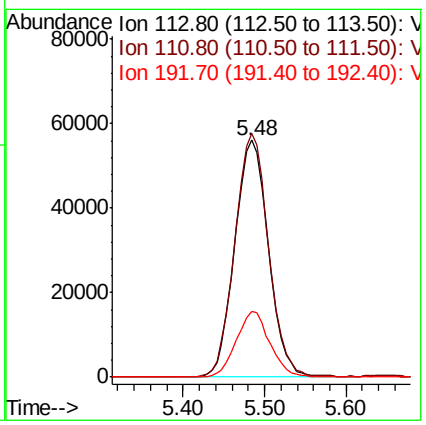


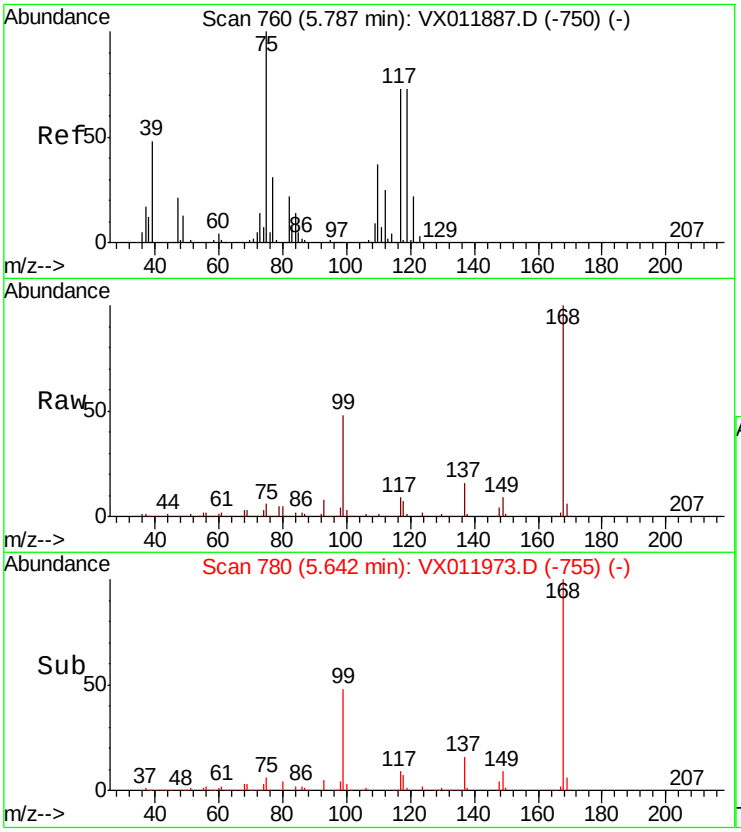


#35
Dibromofluoromethane
Concen: 44.619 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion:113 Resp: 161285

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	27.5	21.5	32.3



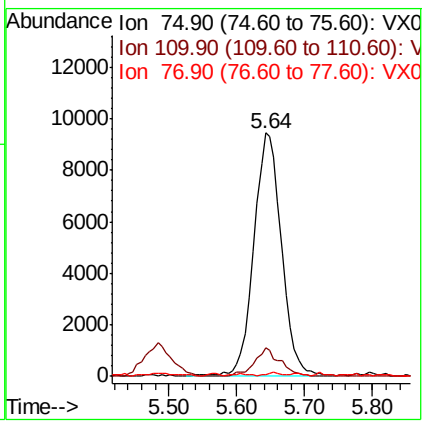


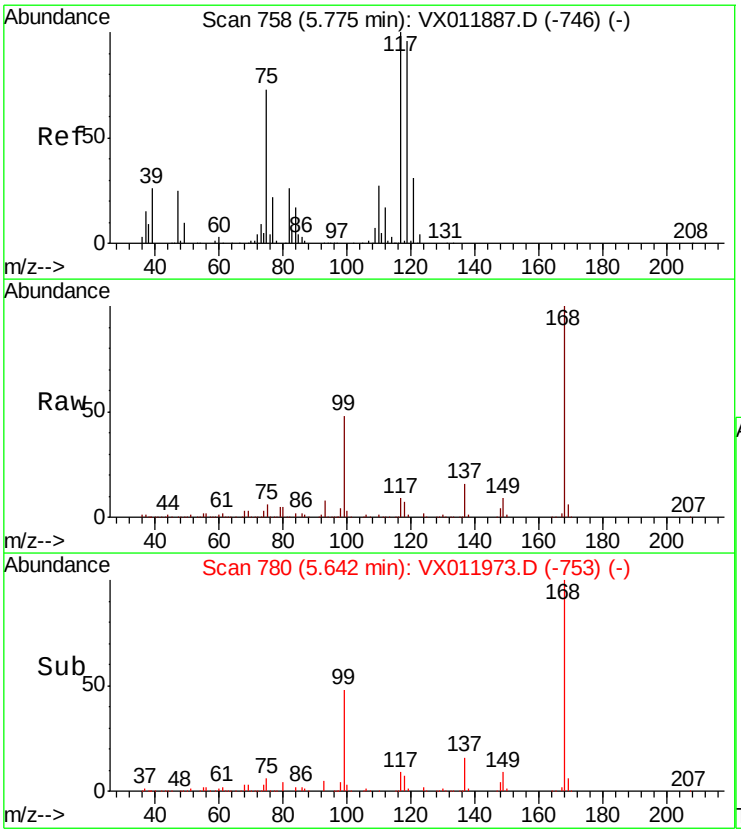
#36
1,1-Dichloropropene
Concen: 6.038 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.14 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G3-(0)

Tgt Ion: 75 Resp: 26965

Ion	Ratio	Lower	Upper
75	100		
110	10.7	19.1	57.3#
77	0.9	24.4	36.6#

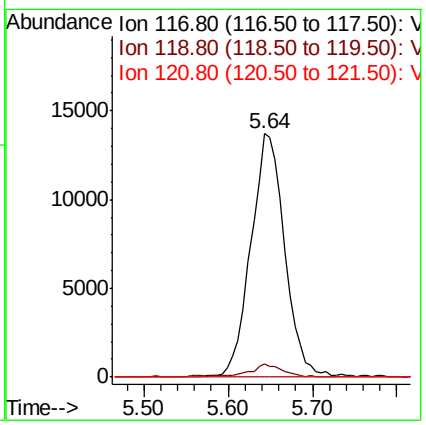


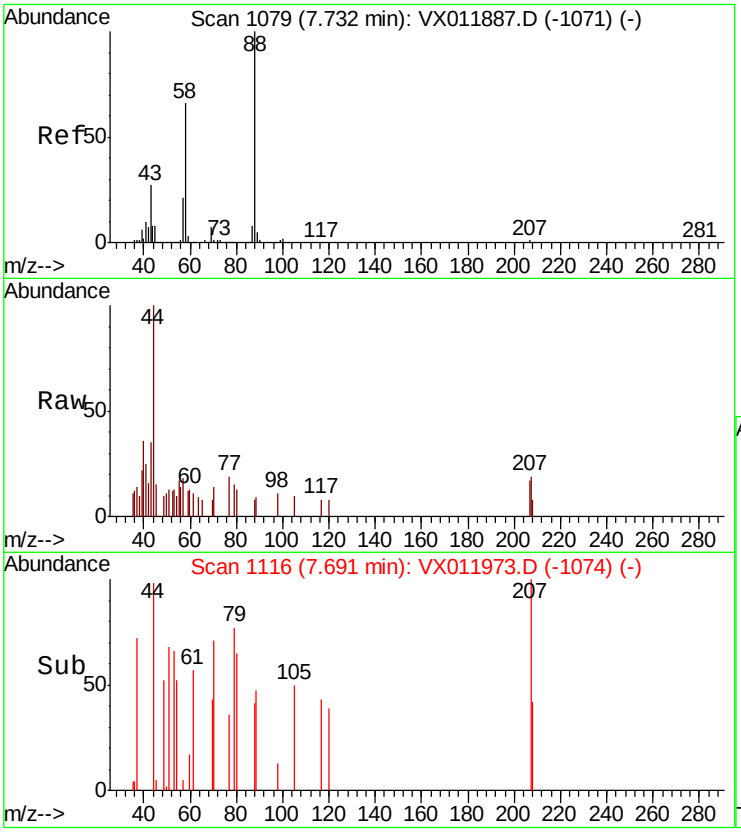


#38
Carbon Tetrachloride
Concen: 7.258 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion:117 Resp: 37590

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.6	114.8#
121	0.0	24.7	37.1#



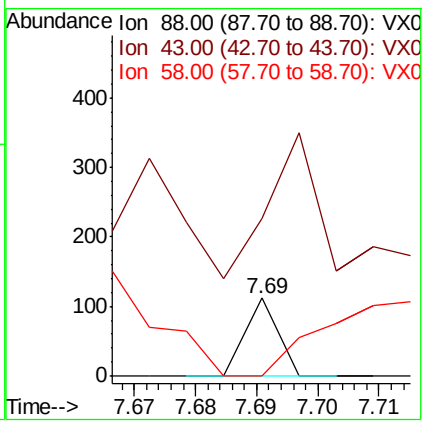


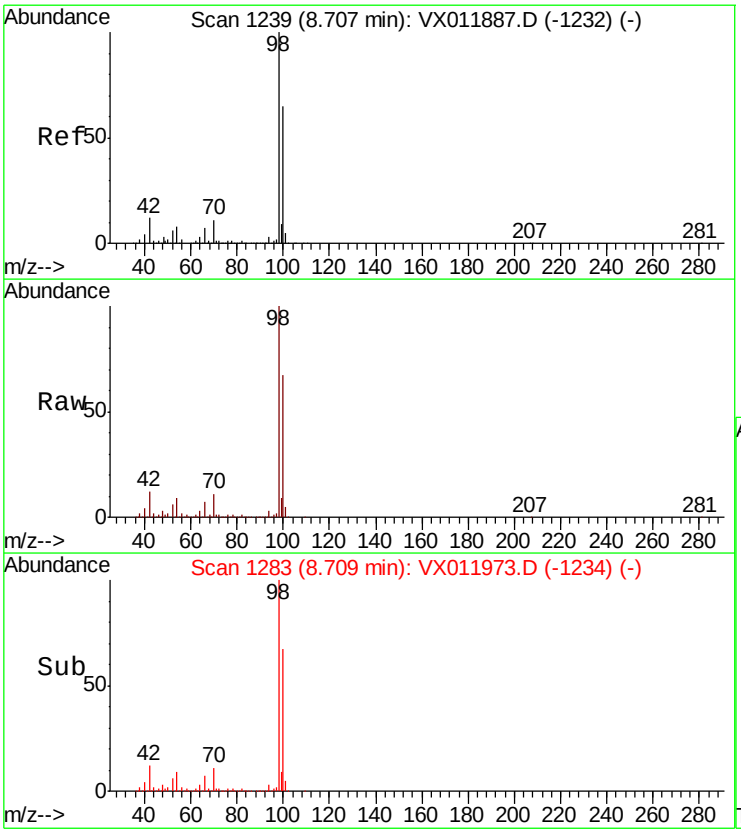
#49
1,4-Dioxane
Concen: 1.143 ug/l
RT: 7.69 min Scan# 1116
Delta R.T. -0.04 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G3-(0)

Tgt Ion: 88 Resp: 41

Ion	Ratio	Lower	Upper
88	100		
43	373.2	27.3	40.9#
58	0.0	53.9	80.9#

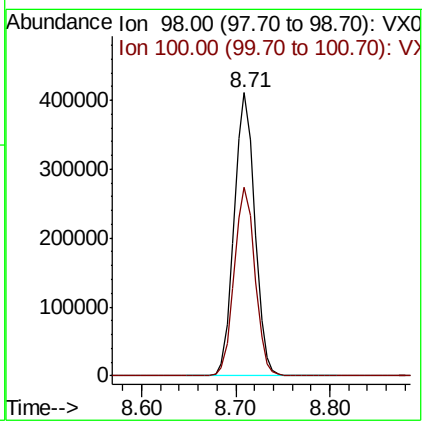


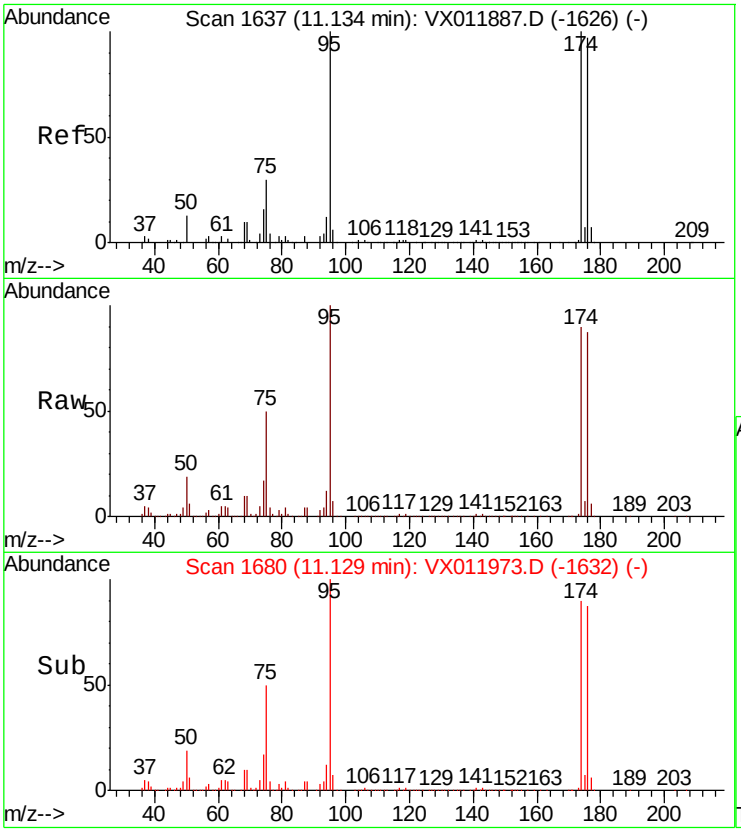


#50
Toluene-d8
Concen: 48.588 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion: 98 Resp: 627826

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.6



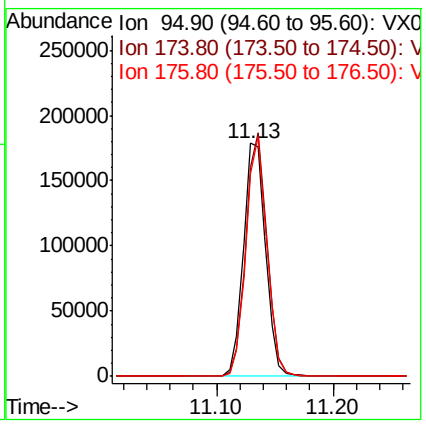


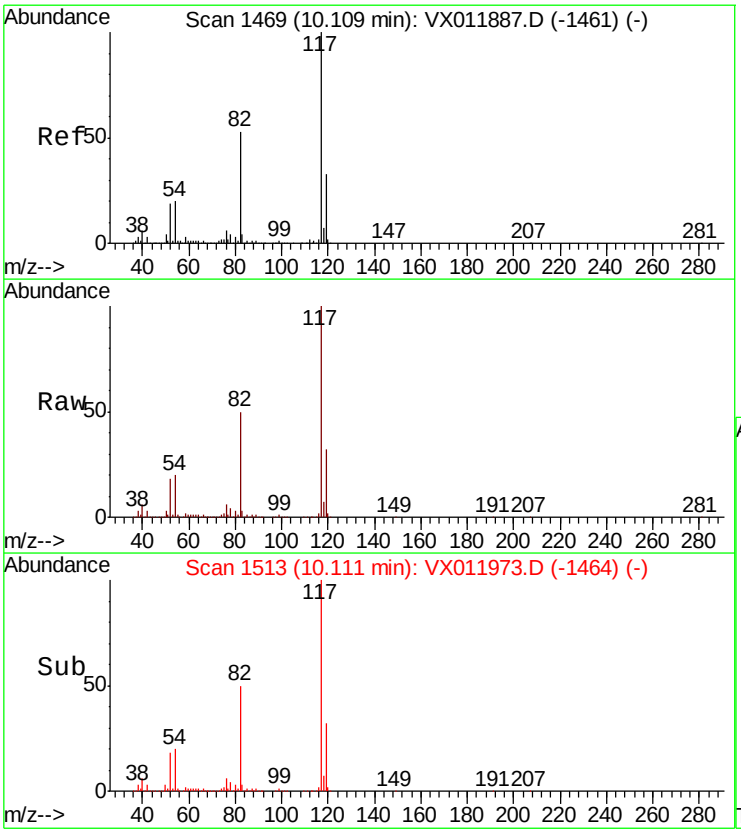
#62
4-Bromofluorobenzene
Concen: 42.176 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G3-(0)

Tgt Ion: 95 Resp: 239062

Ion	Ratio	Lower	Upper
95	100		
174	99.8	0.0	196.0
176	96.9	0.0	191.4

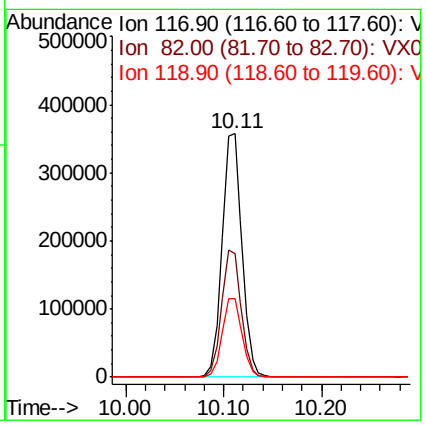


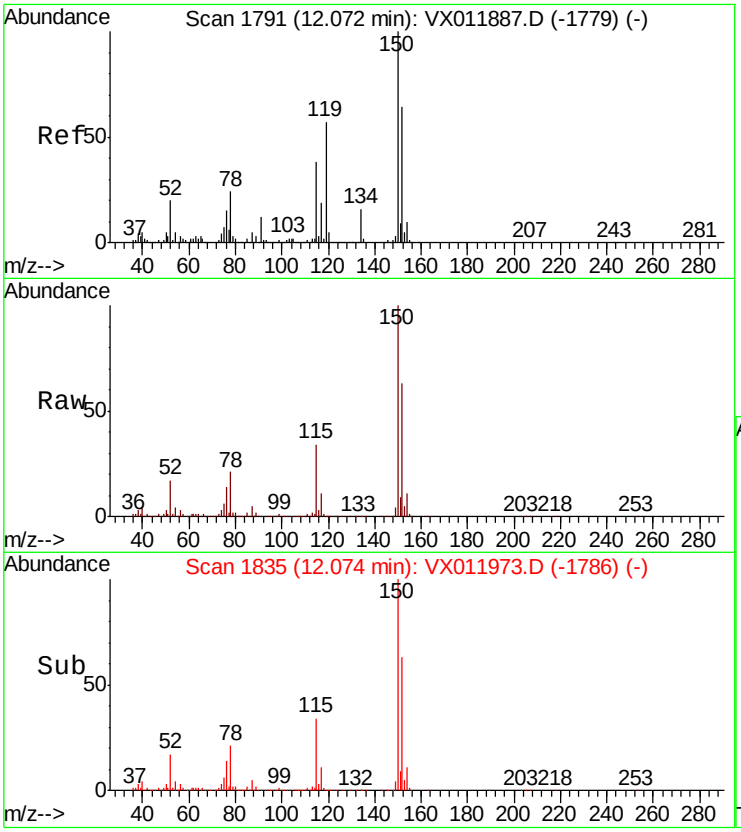


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion:117 Resp: 502294

Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.0	63.0
119	32.3	26.2	39.4



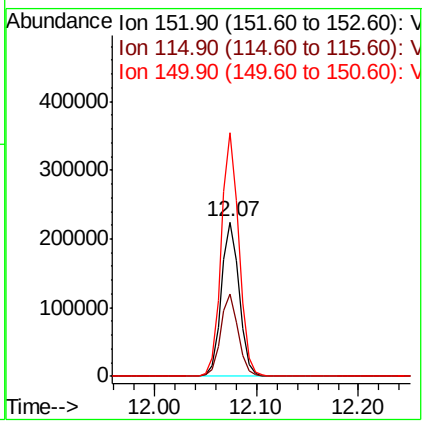


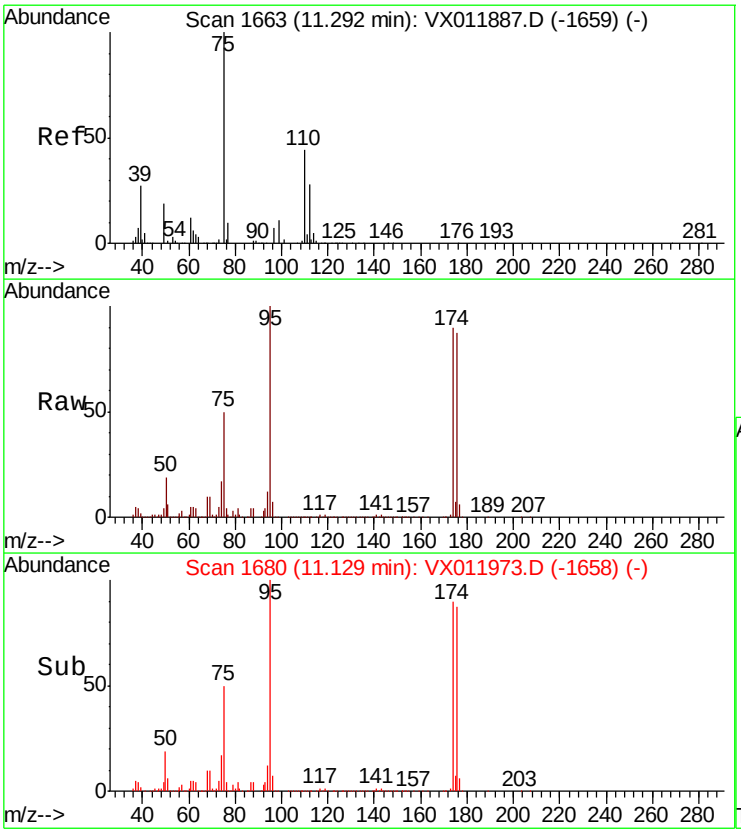
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument : MSVOA_X
ClientSampleId : T9-12-13-G3-(0)

Tgt Ion:152 Resp: 272628

Ion	Ratio	Lower	Upper
152	100		
115	52.6	37.1	111.3
150	156.3	0.0	339.6

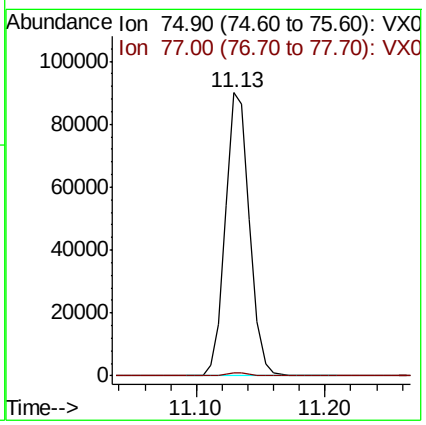


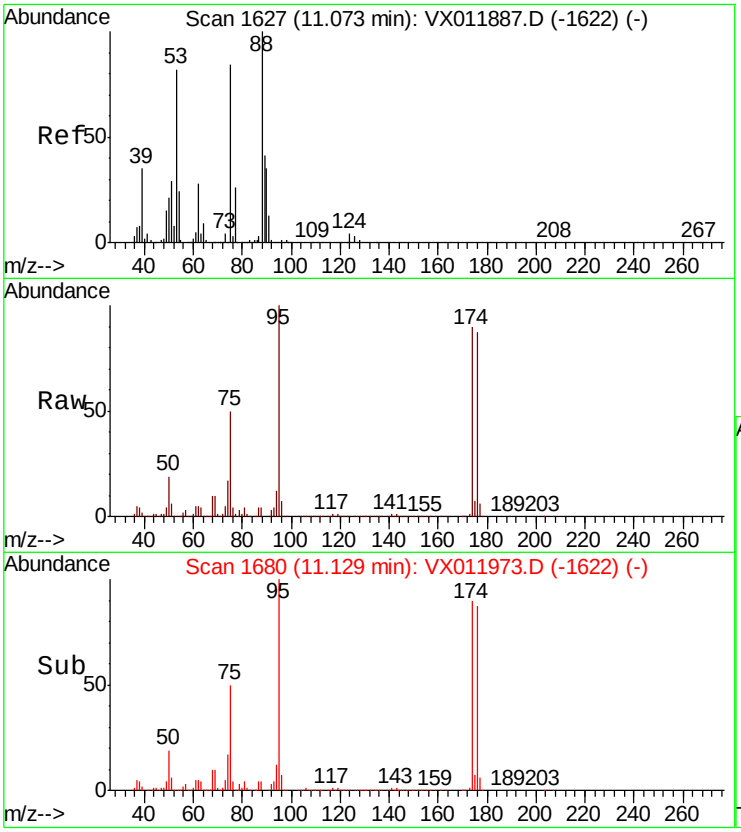


#76
1,2,3-Trichloropropane
Concen: 44.311 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion: 75 Resp: 118835

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.316 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G3-(0)

Tgt Ion: 75 Resp: 118835

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.1	115.7#
89	0.0	38.2	57.2#