Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Data File : VX011979.D
Acq On : 01 Sep 2019 05:25
Operator : SY/SP
Sample : K4527-04
Misc : 5.71g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-M-(1.9)

Quant Time: Sep 01 06:14:13 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	433757	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	560691	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	479603	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	229708	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.04	65	176548	42.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.96%				
35) Dibromofluoromethane	5.48	113	159898	44.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.94%				
50) Toluene-d8	8.71	98	623848	48.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.08%				
62) 4-Bromofluorobenzene	11.14	95	218019	38.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.34%				
Target Compounds							Qvalue
8) Diethyl Ether	2.18	74	2232	1.290	ug/l		97
10) Methyl Iodide	2.51	142	98	3.701	ug/l	#	91
11) Tert butyl alcohol	3.03	59	1673	4.184	ug/l	#	85
13) Acrolein	2.28	56	325	1.633	ug/l	#	1
16) Acetone	2.43	43	12649	14.146	ug/l		97
20) Methylene Chloride	2.84	84	26114	2.144	ug/l		97
29) Tetrahydrofuran	5.13	42	5050	6.213	ug/l		94
31) Cyclohexane	5.65	56	6976	1.344	ug/l	#	3
36) 1,1-Dichloropropene	5.64	75	25982	5.849	ug/l	#	50
38) Carbon Tetrachloride	5.64	117	36582	7.101	ug/l	#	16
49) 1,4-Dioxane	7.68	88	51	1.430	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.70	43	2739	1.011	ug/l	#	1
76) 1,2,3-Trichloropropane	11.13	75	108954	48.217	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	108954	121.130	ug/l	#	11

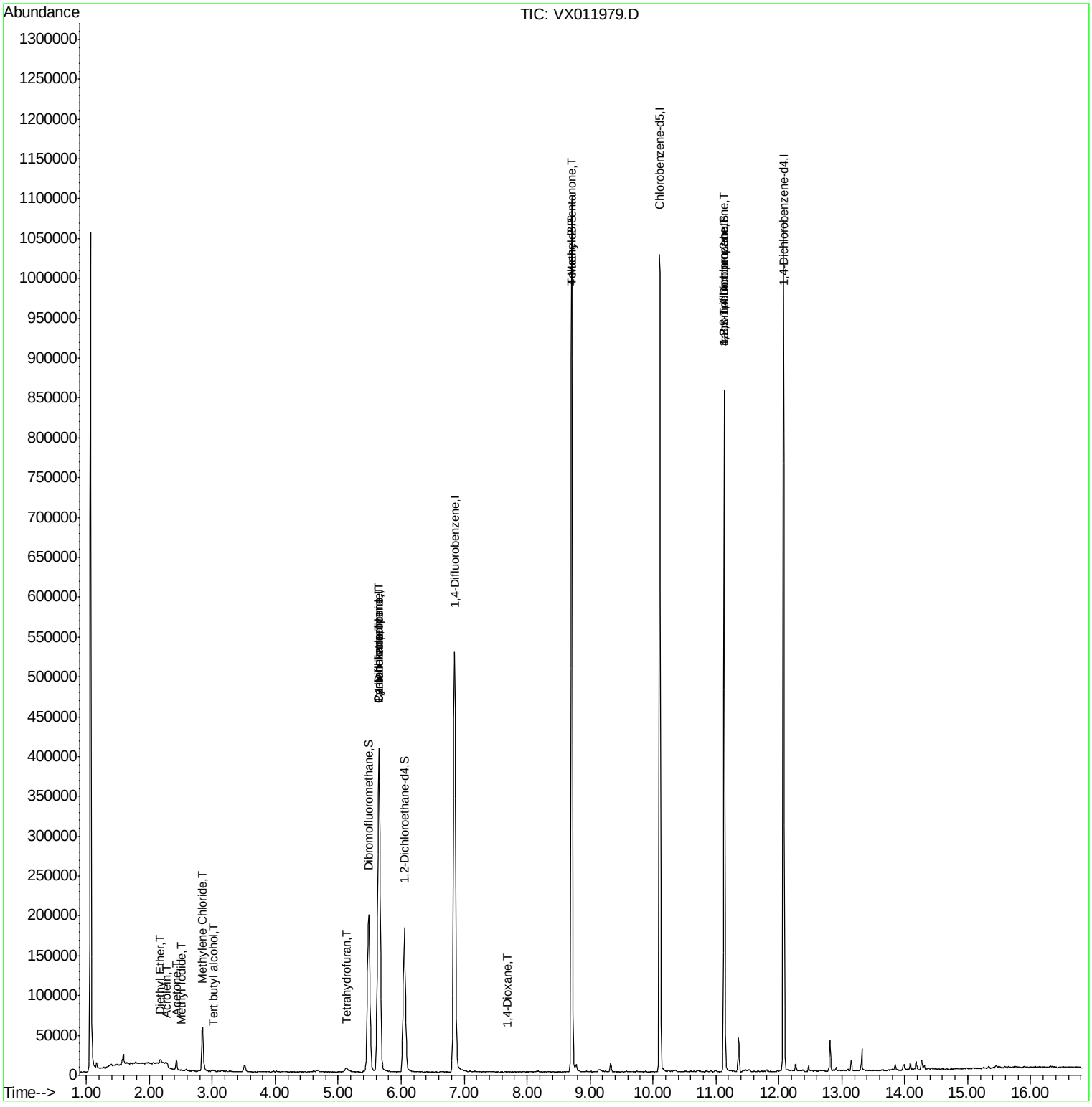
(#) = qualifier out of range (m) = manual integration (+) = signals summed

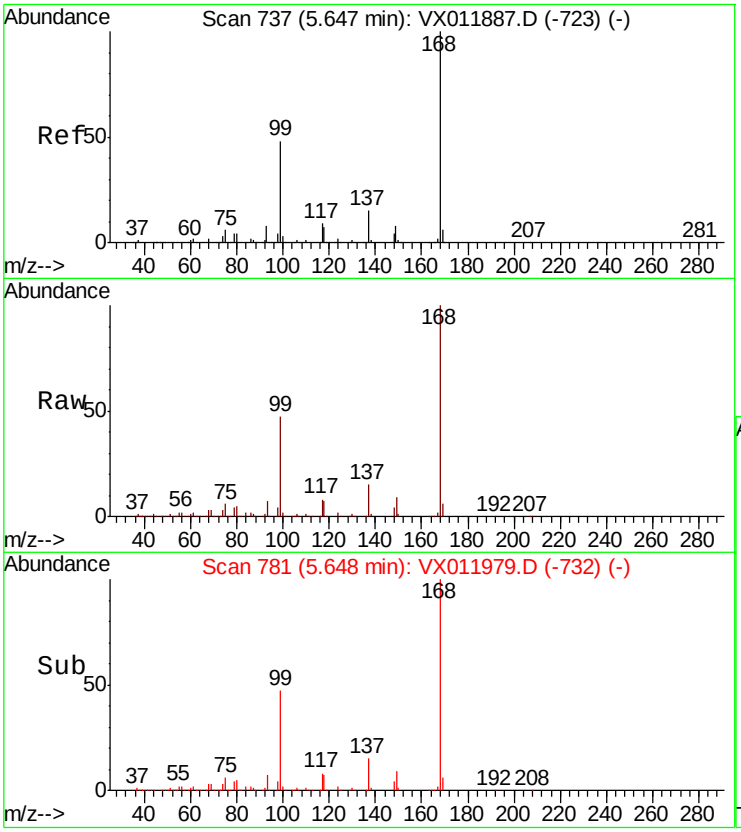
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Data File : VX011979.D
Acq On : 01 Sep 2019 05:25
Operator : SY/SP
Sample : K4527-04
Misc : 5.71g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Quant Time: Sep 01 06:14:13 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



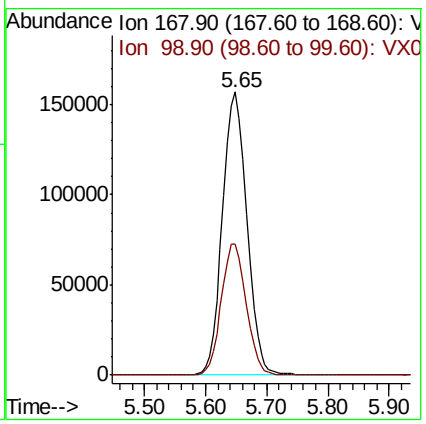


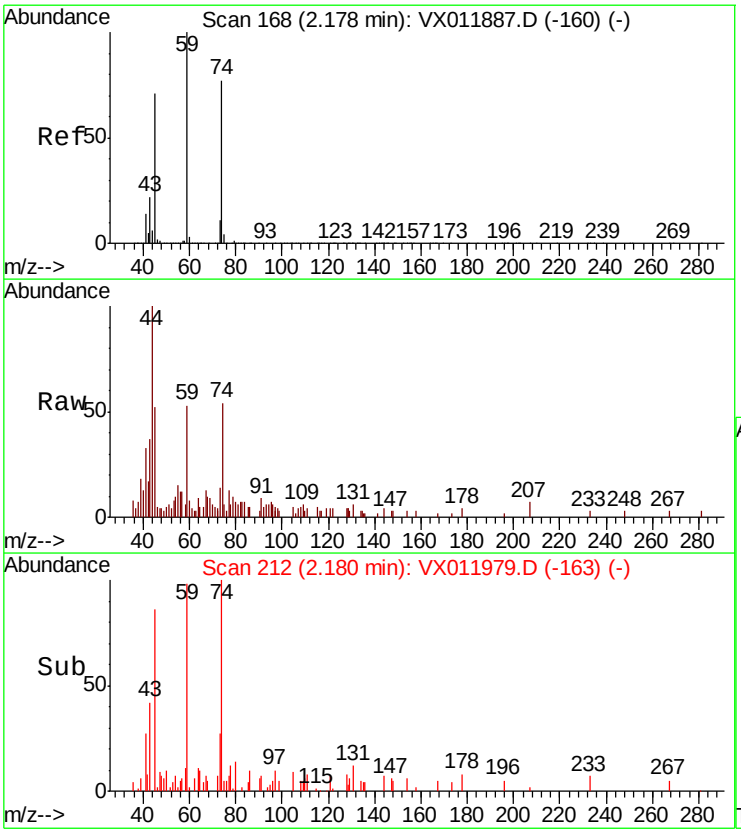
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Tgt Ion:168 Resp: 433757

Ion	Ratio	Lower	Upper
168	100		
99	46.4	38.4	57.6

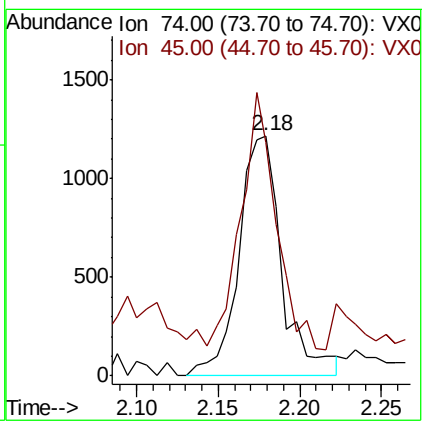


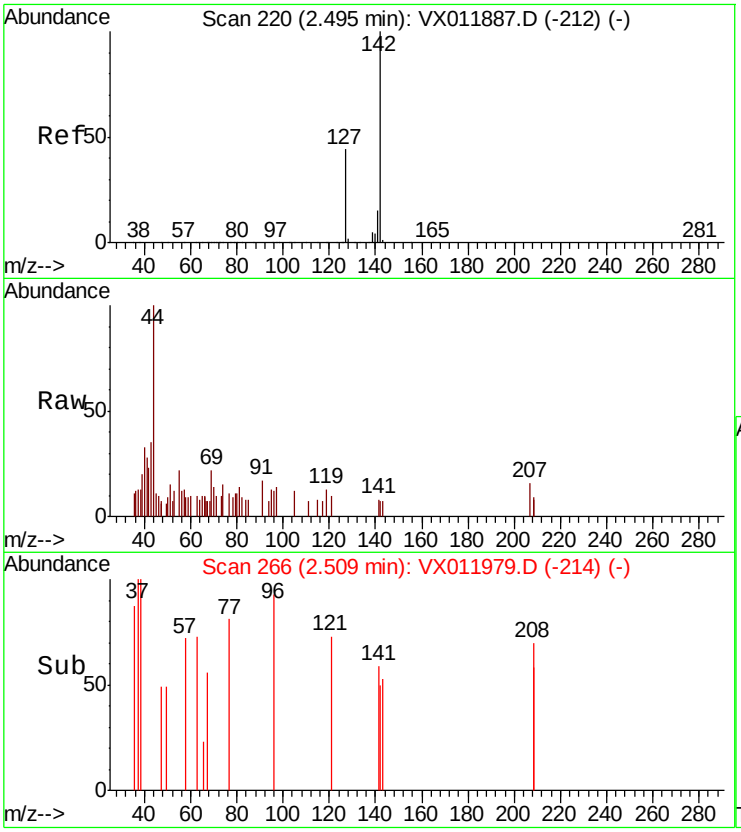


#8
Diethyl Ether
Concen: 1.290 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion: 74 Resp: 2232

Ion	Ratio	Lower	Upper
74	100		
45	90.3	46.7	140.1



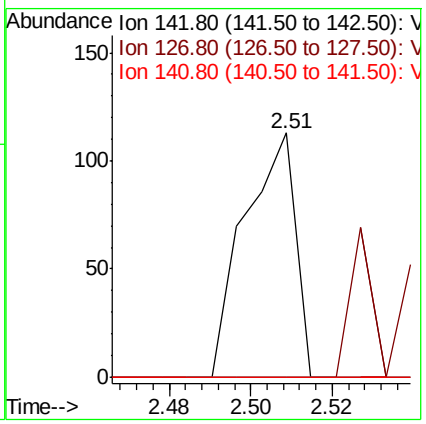


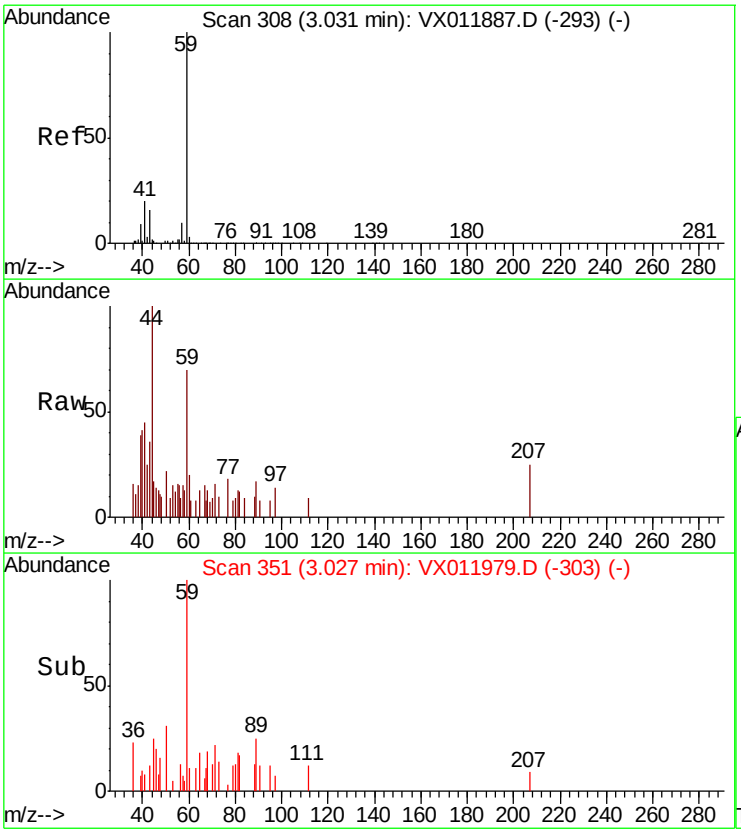
#10
Methyl Iodide
Concen: 3.701 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument : MSVOA_X
ClientSampleId : T9-12-13-M-(1.9)

Tgt Ion:142 Resp: 98

Ion	Ratio	Lower	Upper
142	100		
127	44.9	35.7	53.5
141	0.0	11.8	17.6#

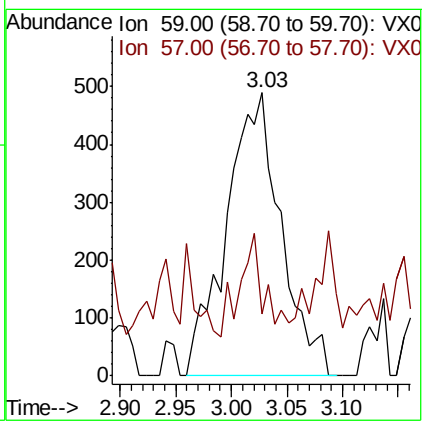


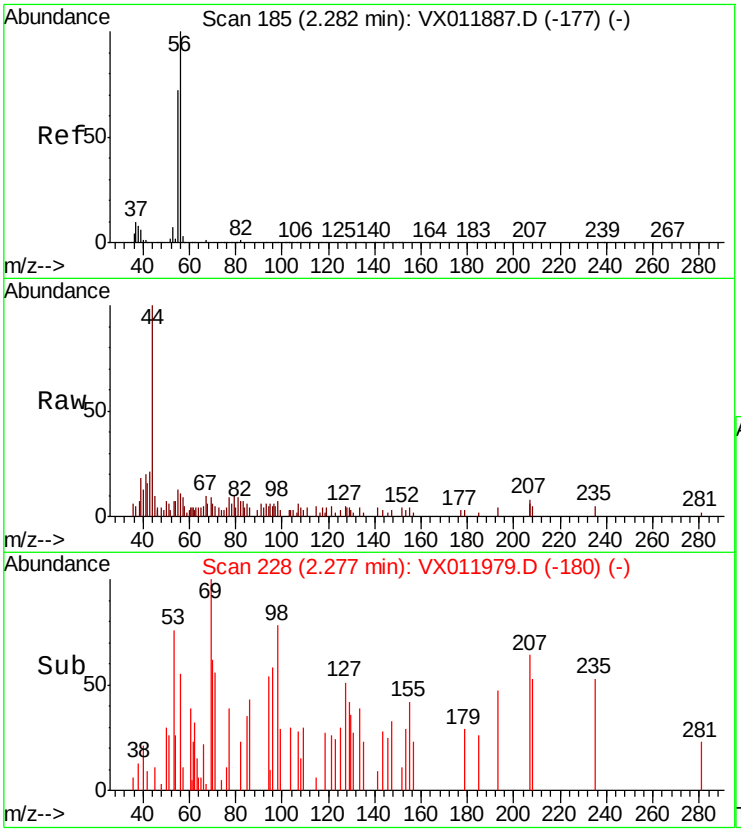


#11
Tert butyl alcohol
Concen: 4.184 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion: 59 Resp: 1673

Ion	Ratio	Lower	Upper
59	100		
57	16.4	8.6	12.8#



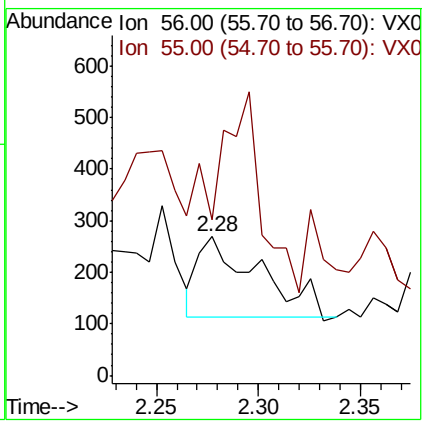


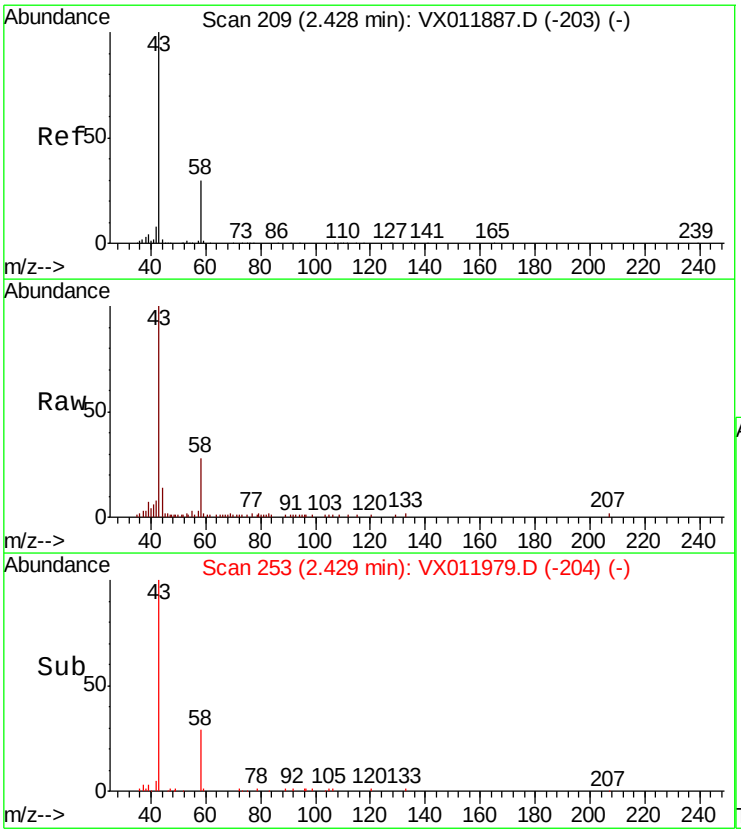
#13
Acrolein
Concen: 1.633 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Tgt Ion: 56 Resp: 325

Ion	Ratio	Lower	Upper
56	100		
55	188.9	58.6	88.0#

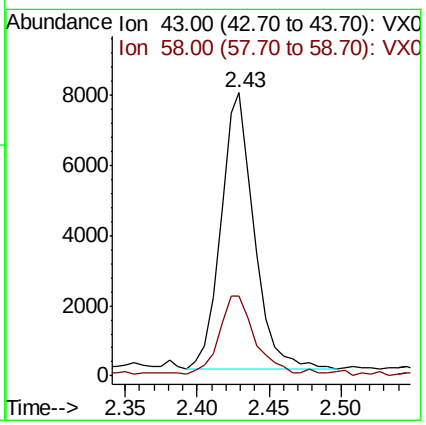


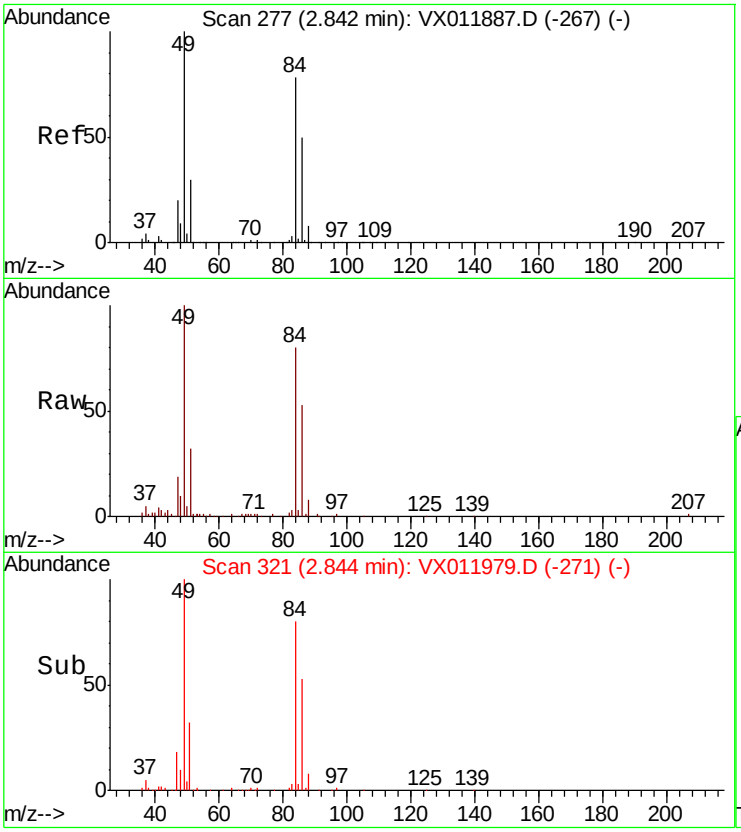


#16
Acetone
Concen: 14.146 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion: 43 Resp: 12649

Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.8	35.8



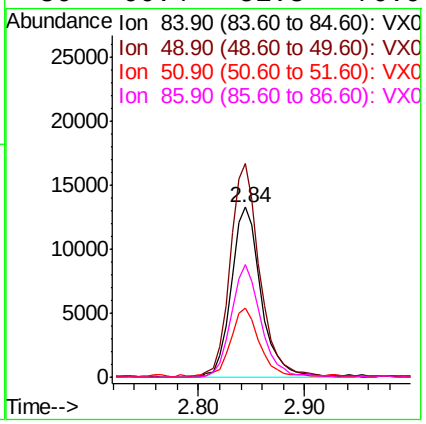


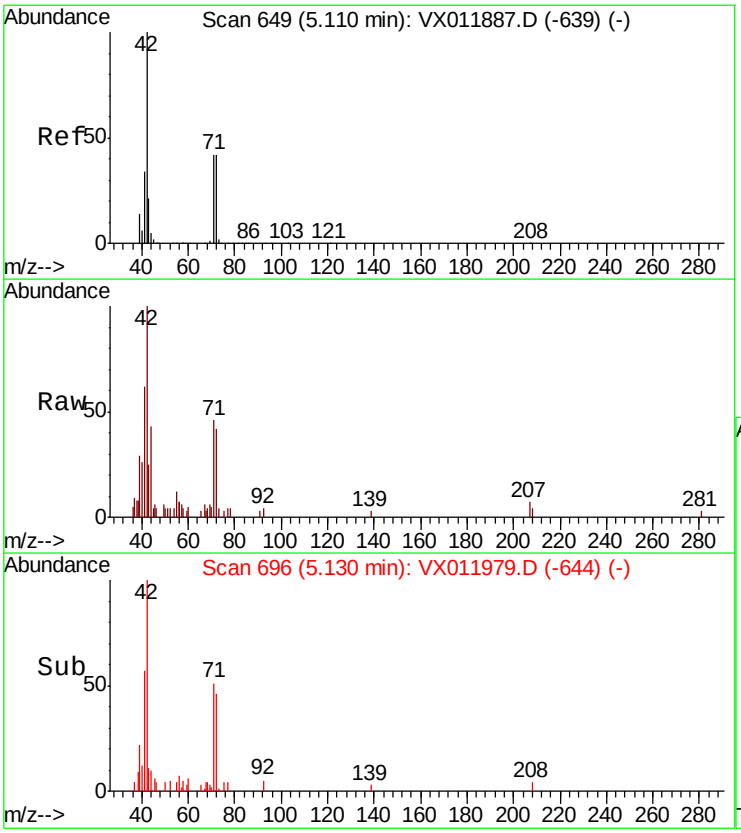
#20
Methylene Chloride
Concen: 2.144 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Tgt Ion: 84 Resp: 26114

Ion	Ratio	Lower	Upper
84	100		
49	125.5	103.0	154.4
51	40.0	30.8	46.2
86	66.4	51.3	76.9

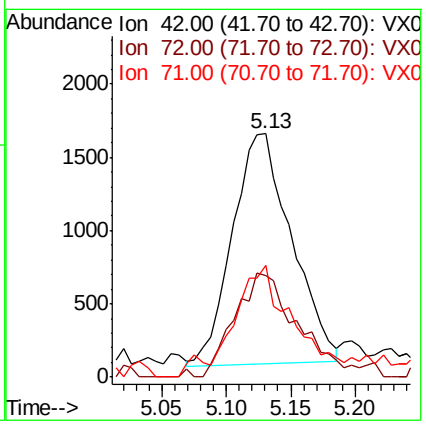


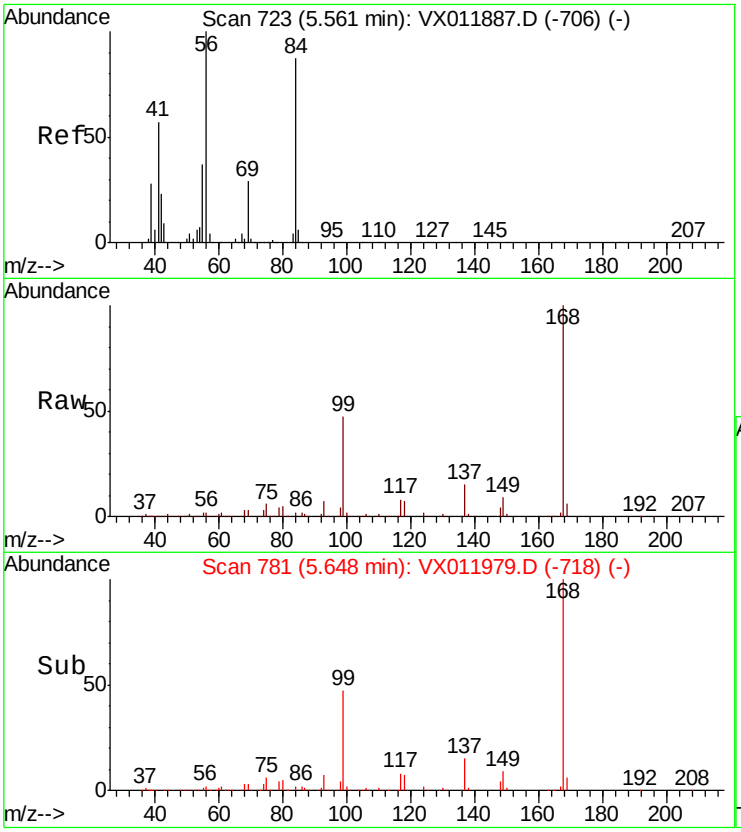


#29
Tetrahydrofuran
Concen: 6.213 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion: 42 Resp: 5050

Ion	Ratio	Lower	Upper
42	100		
72	48.0	36.2	54.4
71	36.4	33.1	49.7



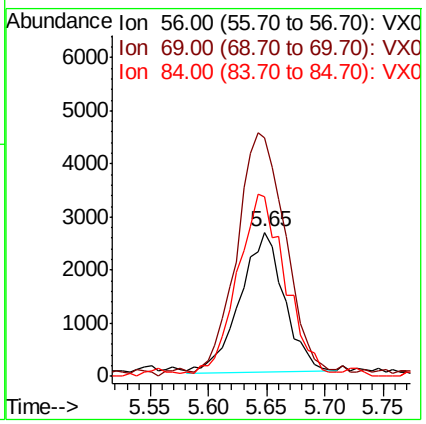


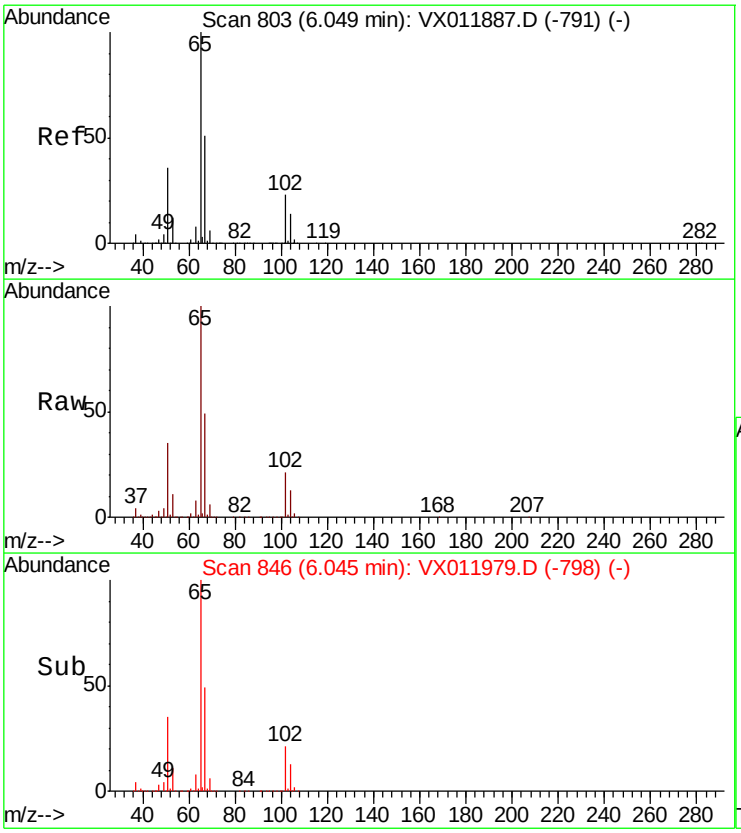
#31
Cyclohexane
Concen: 1.344 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.09 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Tgt Ion: 56 Resp: 6976

Ion	Ratio	Lower	Upper
56	100		
69	167.6	23.1	34.7#
84	127.0	69.6	104.4#

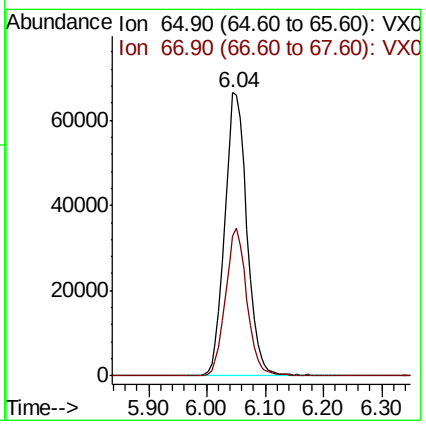


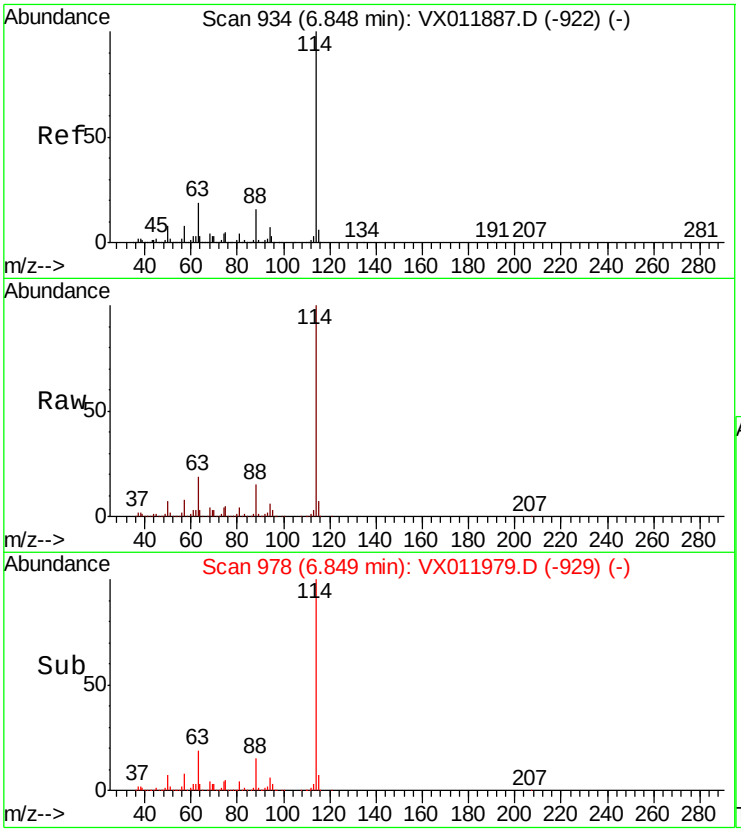


#33
1,2-Dichloroethane-d4
Concen: 42.482 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion: 65 Resp: 176548

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	102.2



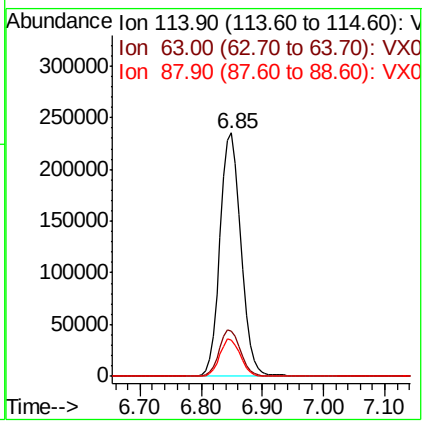


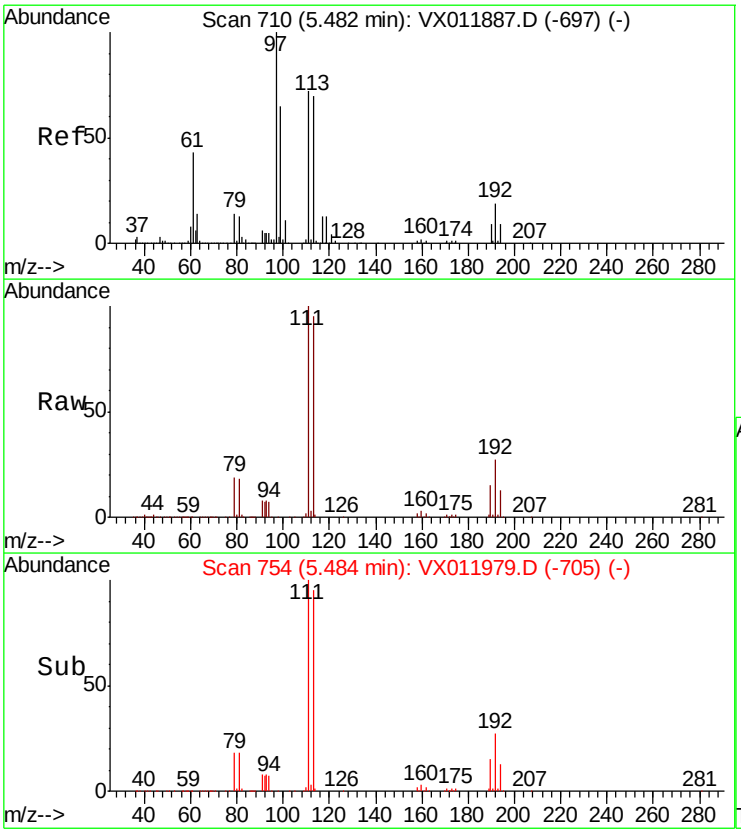
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Tgt Ion:114 Resp: 560691

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.8
88	15.1	0.0	31.2

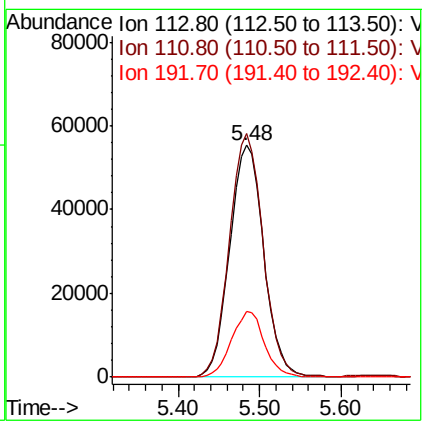


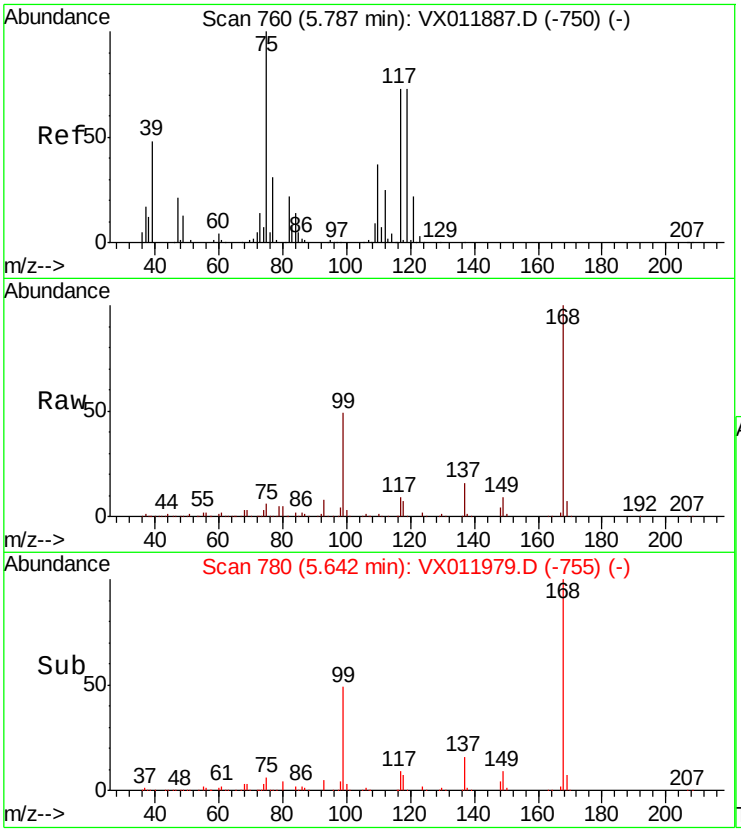


#35
Dibromofluoromethane
Concen: 44.473 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion:113 Resp: 159898

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.1	123.1
192	27.5	21.5	32.3



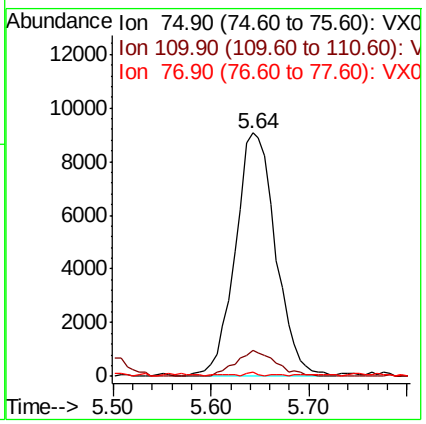


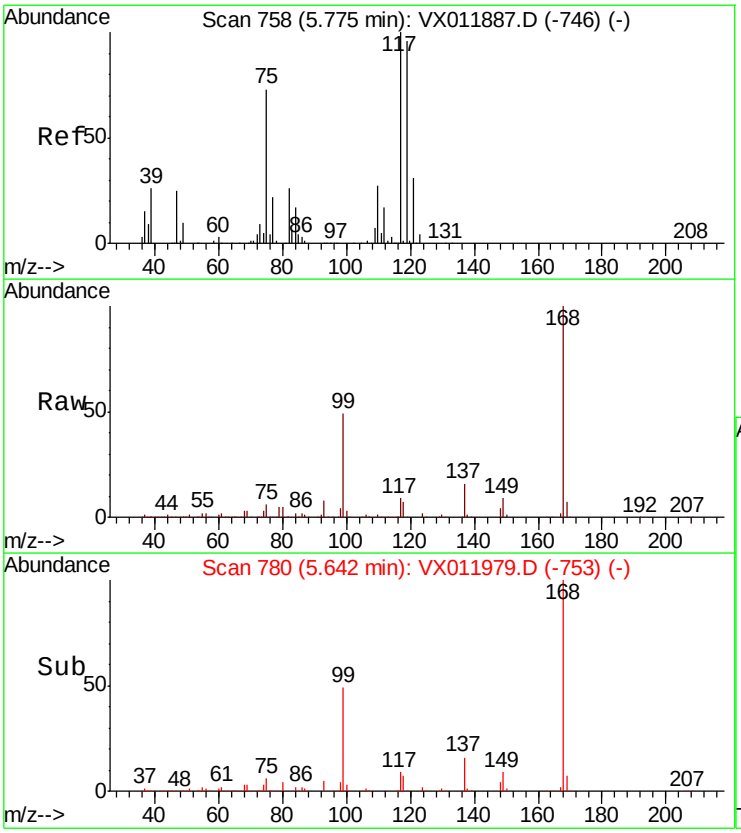
#36
1,1-Dichloropropene
Concen: 5.849 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.14 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Tgt Ion: 75 Resp: 25982

Ion	Ratio	Lower	Upper
75	100		
110	10.7	19.1	57.3#
77	0.5	24.4	36.6#

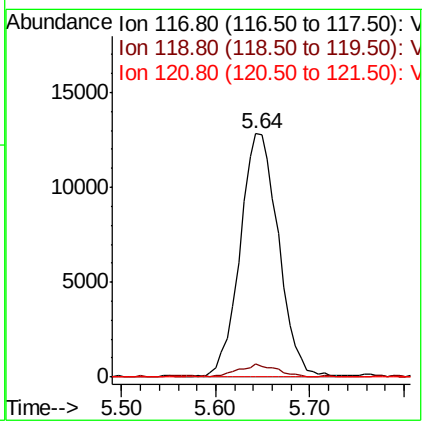


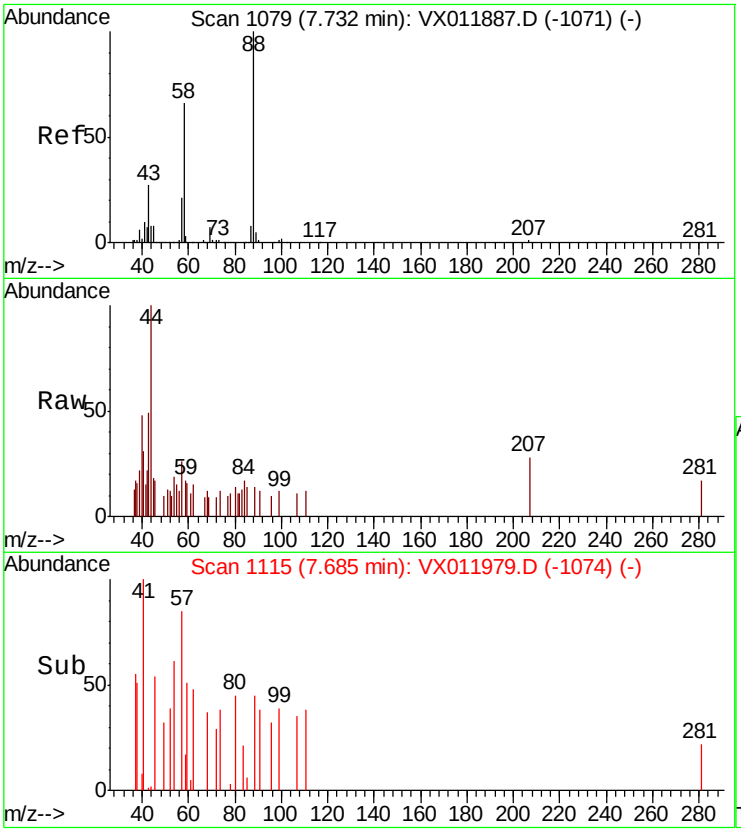


#38
Carbon Tetrachloride
Concen: 7.101 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion:117 Resp: 36582

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



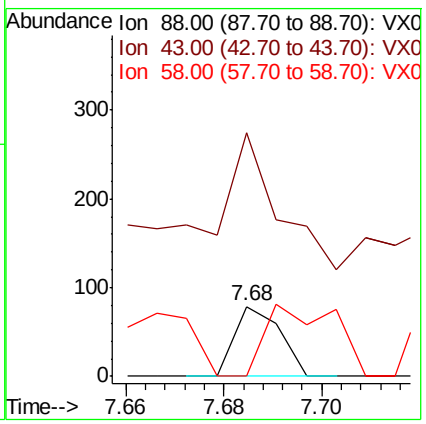


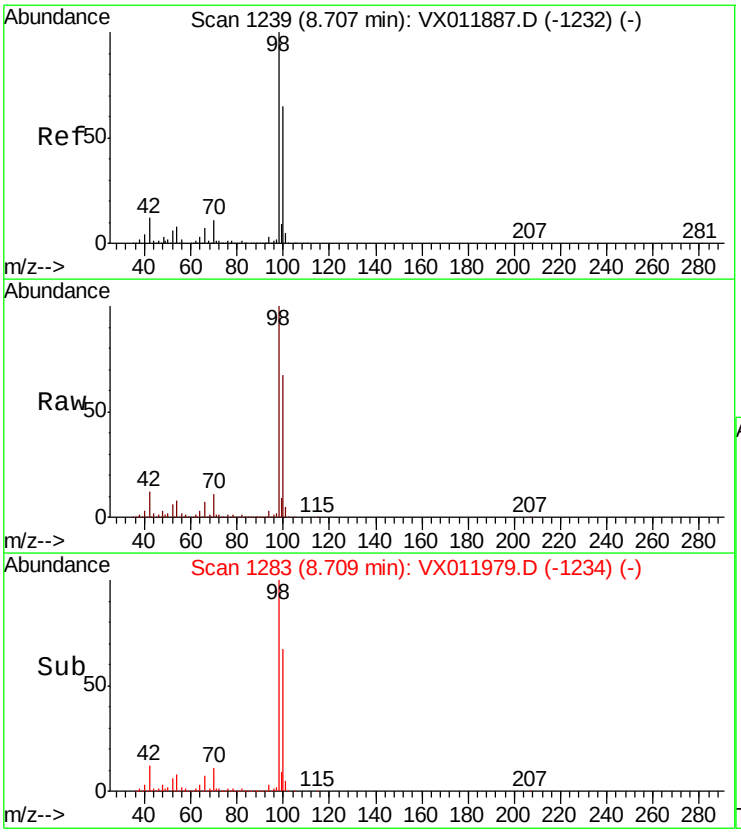
#49
1,4-Dioxane
Concen: 1.430 ug/l
RT: 7.68 min Scan# 1115
Delta R.T. -0.05 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
43	251.0	27.3	40.9#
58	154.9	53.9	80.9#

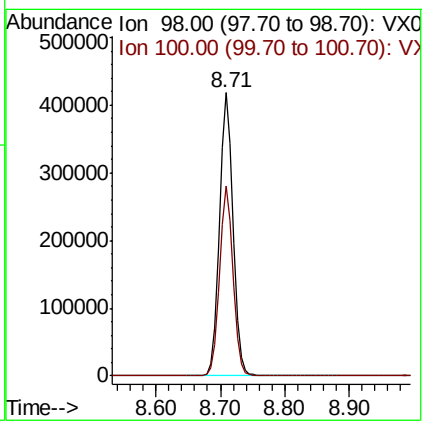


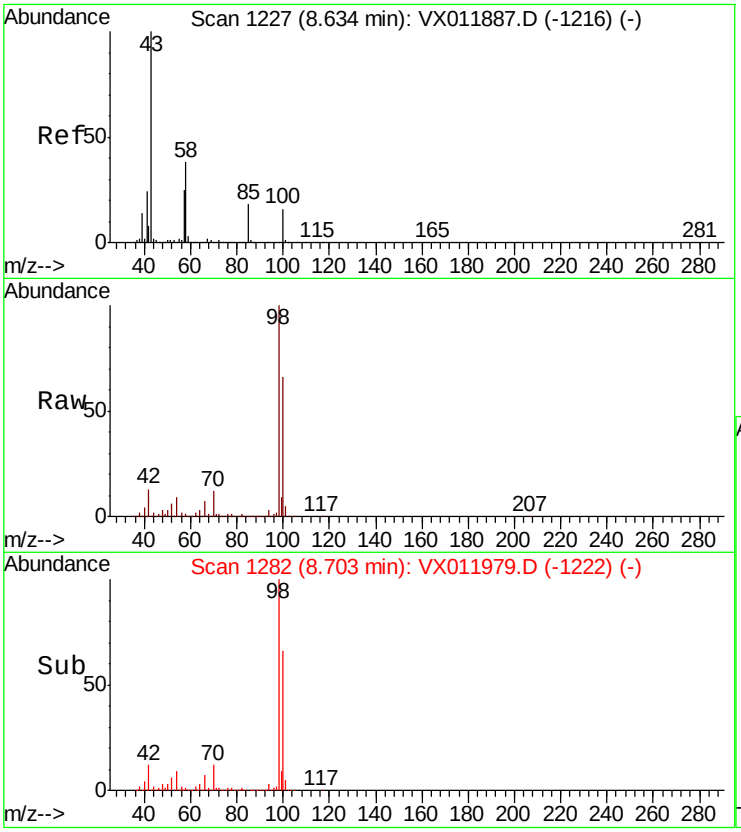


#50
Toluene-d8
Concen: 48.540 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion: 98 Resp: 623848

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6



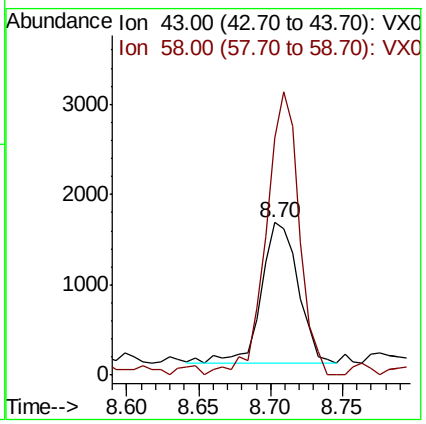


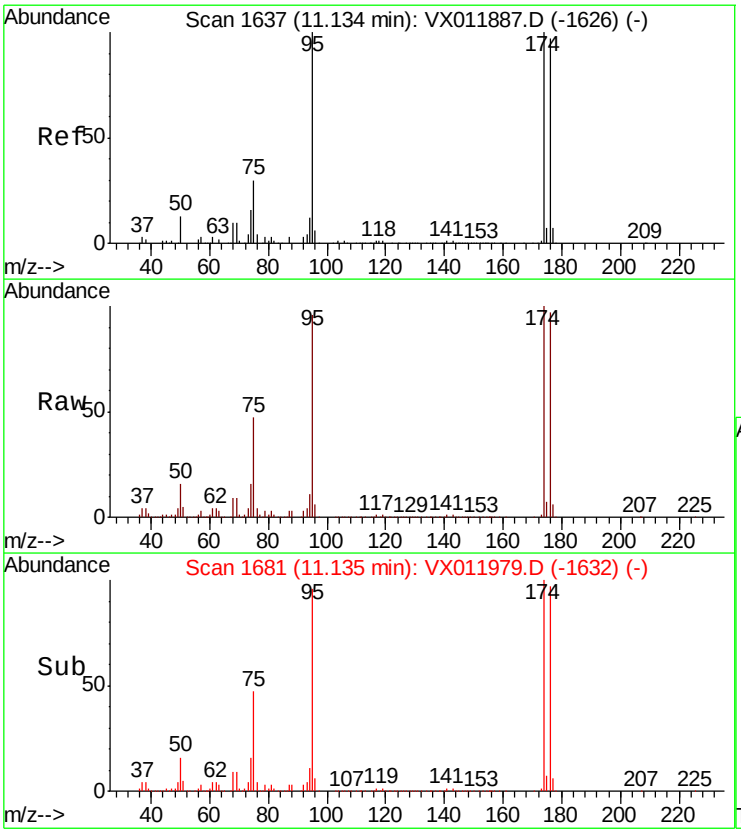
#51
4-Methyl-2-Pentanone
Concen: 1.011 ug/l
RT: 8.70 min Scan# 1282
Delta R.T. 0.07 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Tgt Ion: 43 Resp: 2739

Ion	Ratio	Lower	Upper
43	100		
58	182.0	30.9	46.3#

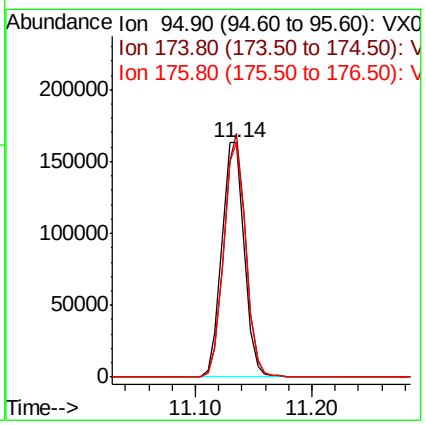


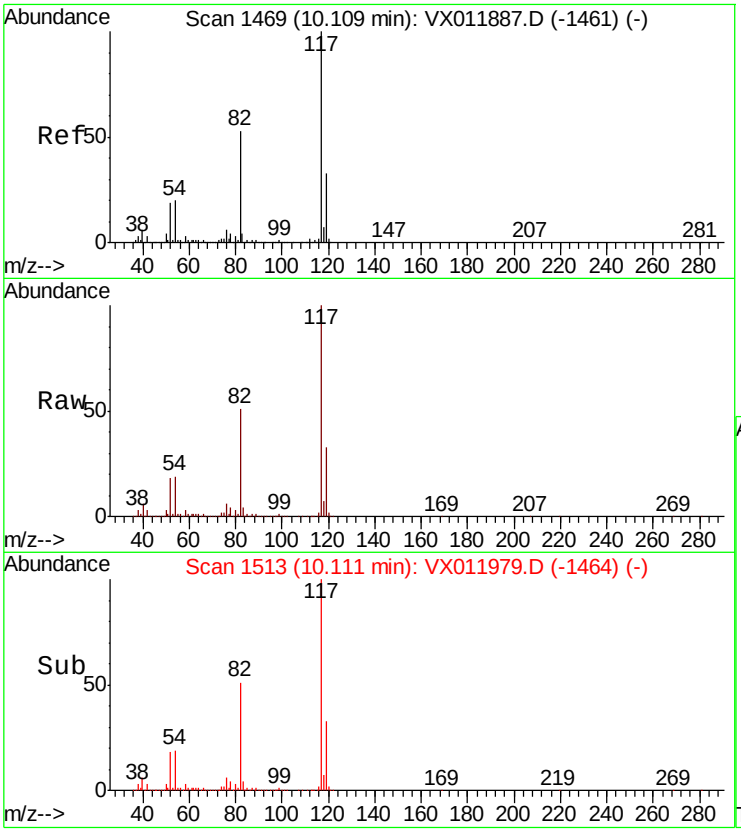


#62
4-Bromofluorobenzene
Concen: 38.670 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion: 95 Resp: 218019

Ion	Ratio	Lower	Upper
95	100		
174	99.9	0.0	196.0
176	98.3	0.0	191.4



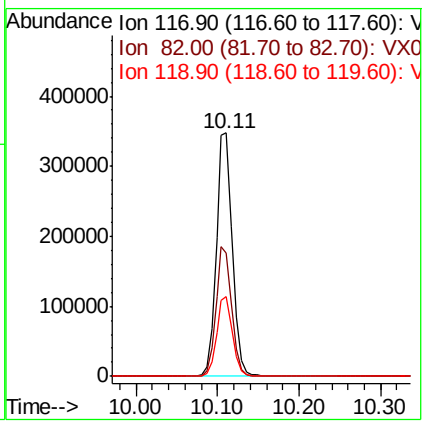


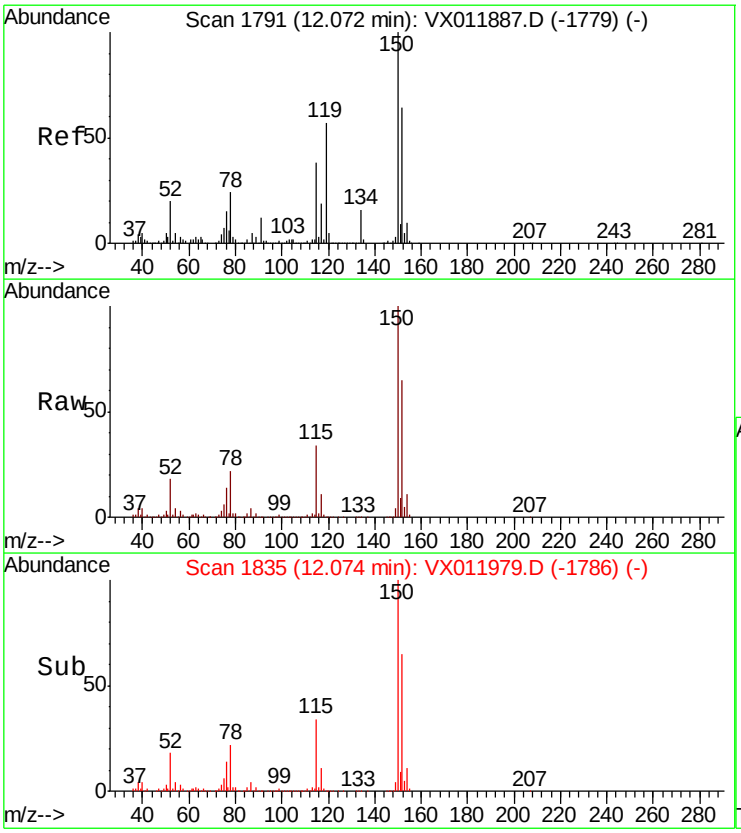
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Tgt Ion:117 Resp: 479603

Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.0	63.0
119	33.0	26.2	39.4

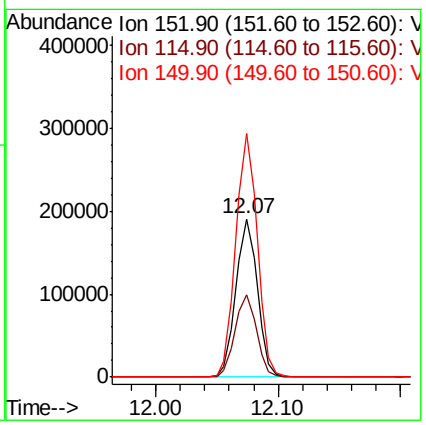


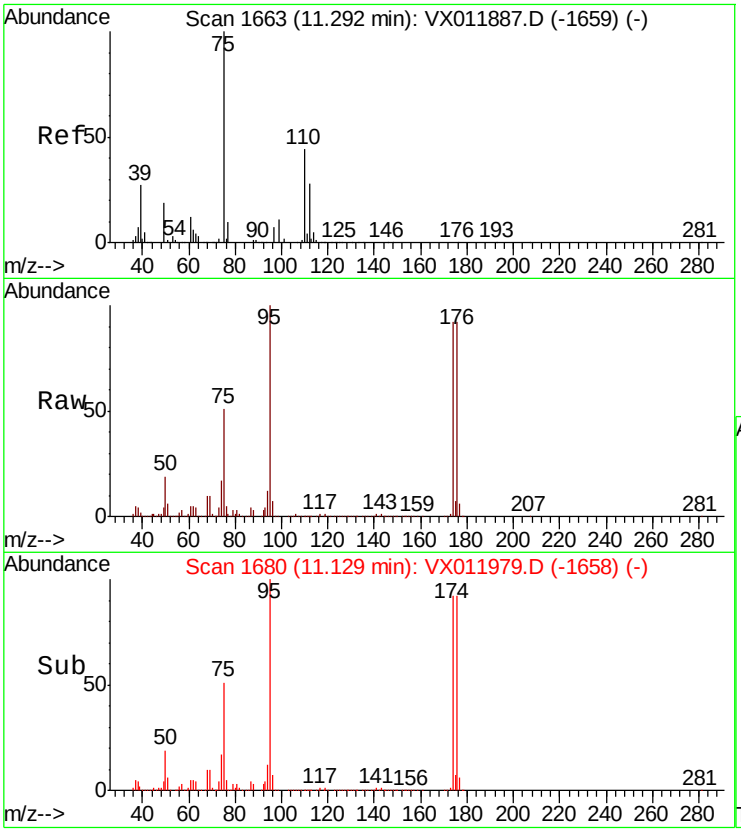


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion:152 Resp: 229708

Ion	Ratio	Lower	Upper
152	100		
115	52.6	37.1	111.3
150	154.6	0.0	339.6



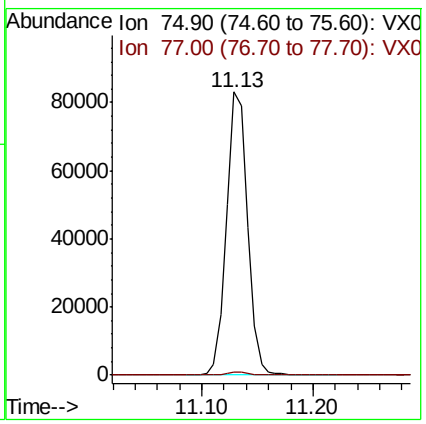


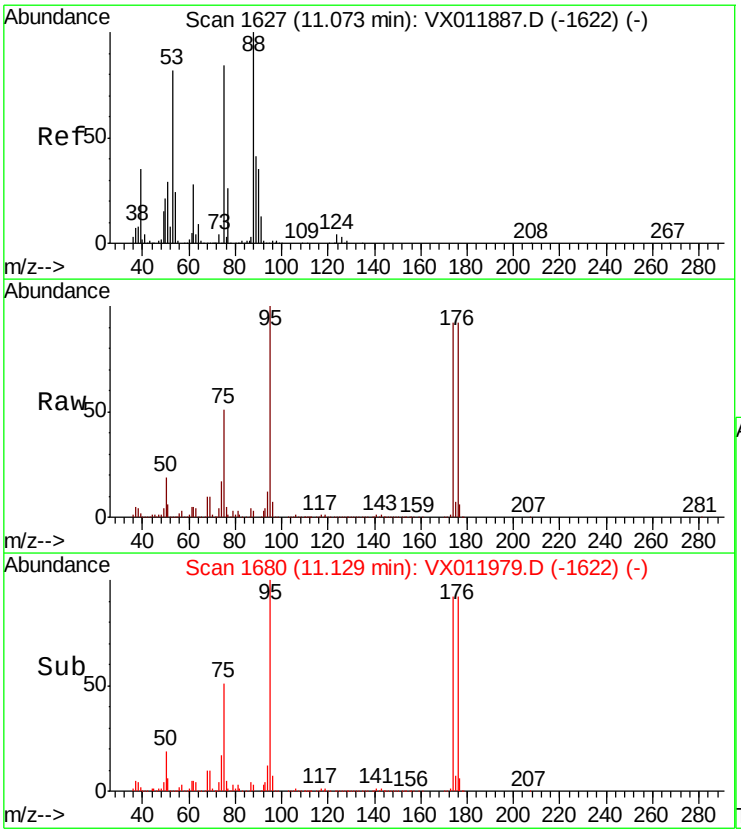
#76
1,2,3-Trichloropropane
Concen: 48.217 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

Tgt Ion: 75 Resp: 108954

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 121.130 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion: 75 Resp: 108954

Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.1	115.7#
89	0.1	38.2	57.2#