Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012276.D
Acq On : 11 Sep 2019 01:43
Operator : SY/SP
Sample : K4643-02
Misc : 5.95g/5.0mL/MSVOA_X/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-B1-(0)

Quant Time: Sep 11 02:29:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	116209	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.42%			
35) Dibromofluoromethane	5.48	113	89692	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.60%			
50) Toluene-d8	8.71	98	349976	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.24%			
62) 4-Bromofluorobenzene	11.14	95	131085	42.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.02%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	647	Below Cal	#	65
8) Diethyl Ether	2.17	74	1436	1.866	ug/l	100
11) Tert butyl alcohol	3.03	59	526	Below Cal	#	1
13) Acrolein	2.27	56	514	4.079	ug/l #	61
16) Acetone	2.43	43	2317	4.060	ug/l	90
20) Methylene Chloride	2.84	84	8764	2.415	ug/l	97
29) Tetrahydrofuran	5.12	42	3876	9.847	ug/l #	78
36) 1,1-Dichloropropene	5.64	75	16053	7.443	ug/l #	51
38) Carbon Tetrachloride	5.65	117	20518	8.108	ug/l #	14
49) 1,4-Dioxane	7.76	88	41	2.258	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	70076	52.207	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	70076	156.425	ug/l #	5

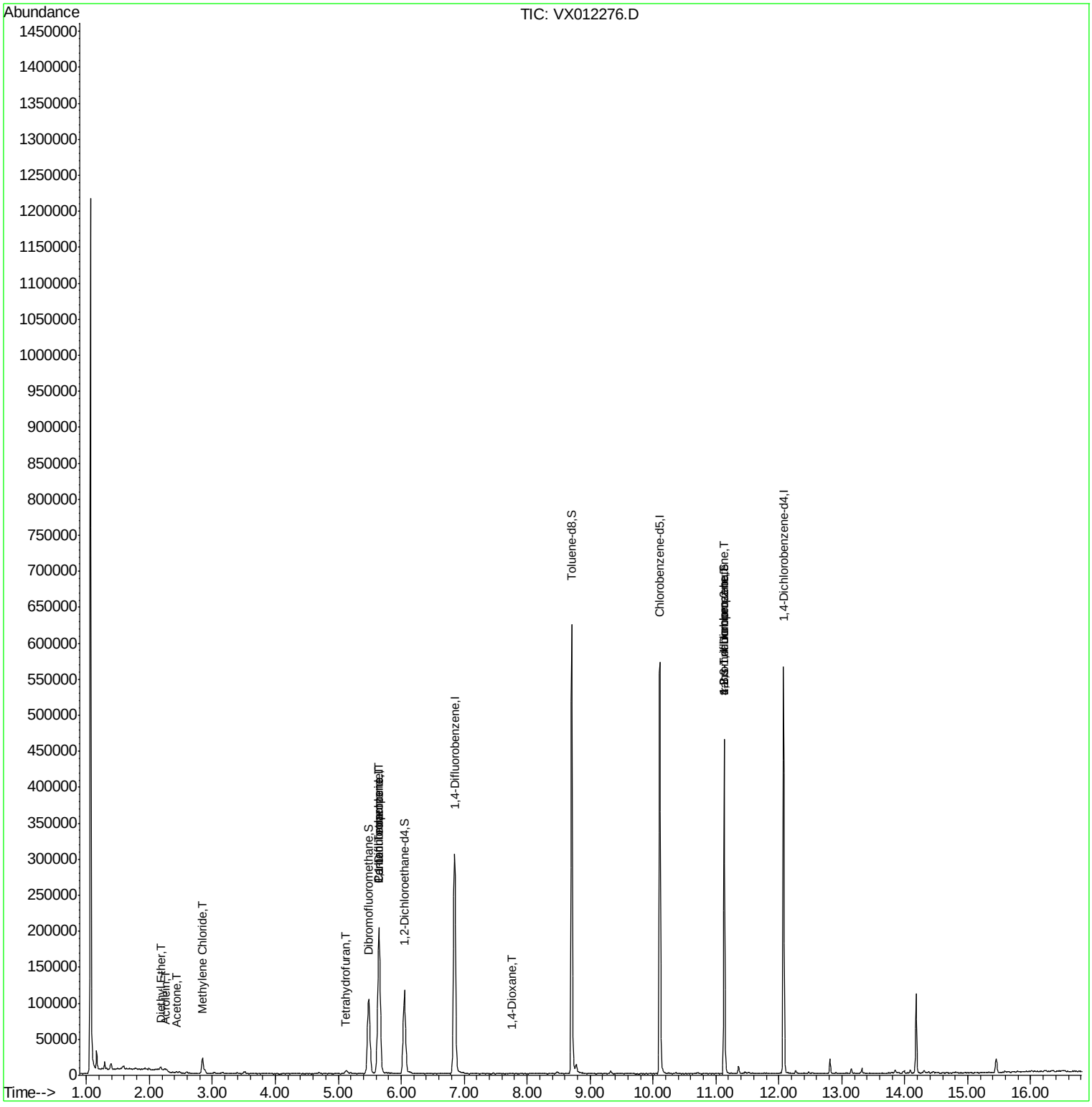
(#) = qualifier out of range (m) = manual integration (+) = signals summed

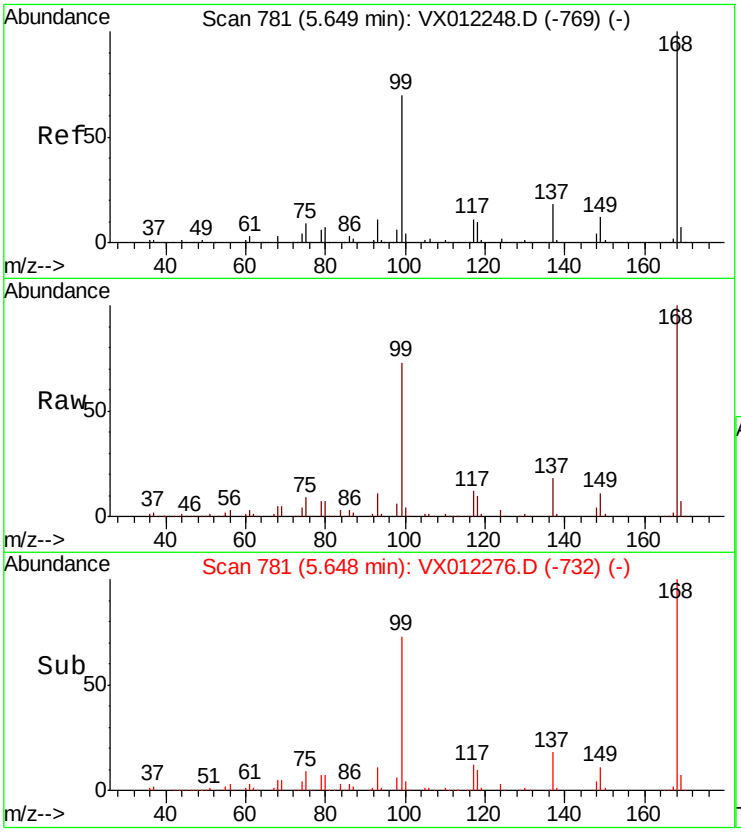
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012276.D
Acq On : 11 Sep 2019 01:43
Operator : SY/SP
Sample : K4643-02
Misc : 5.95g/5.0mL/MSVOA_X/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Quant Time: Sep 11 02:29:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration



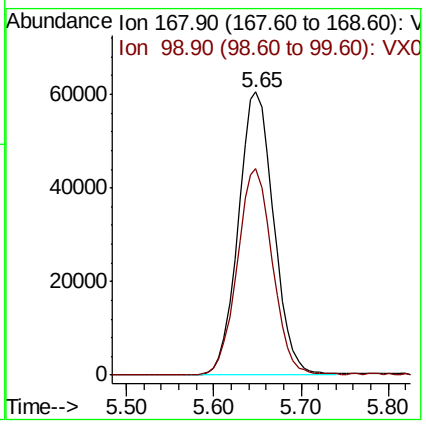


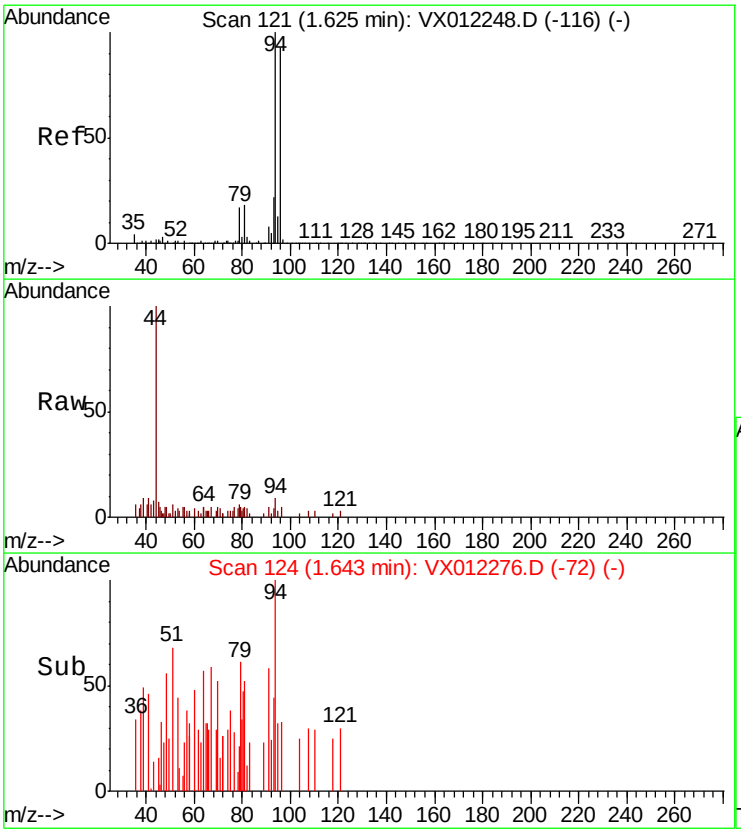
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Tgt Ion:168 Resp: 170513

Ion	Ratio	Lower	Upper
168	100		
99	72.7	55.8	83.6

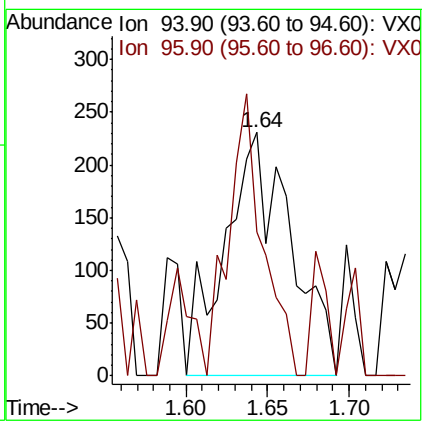


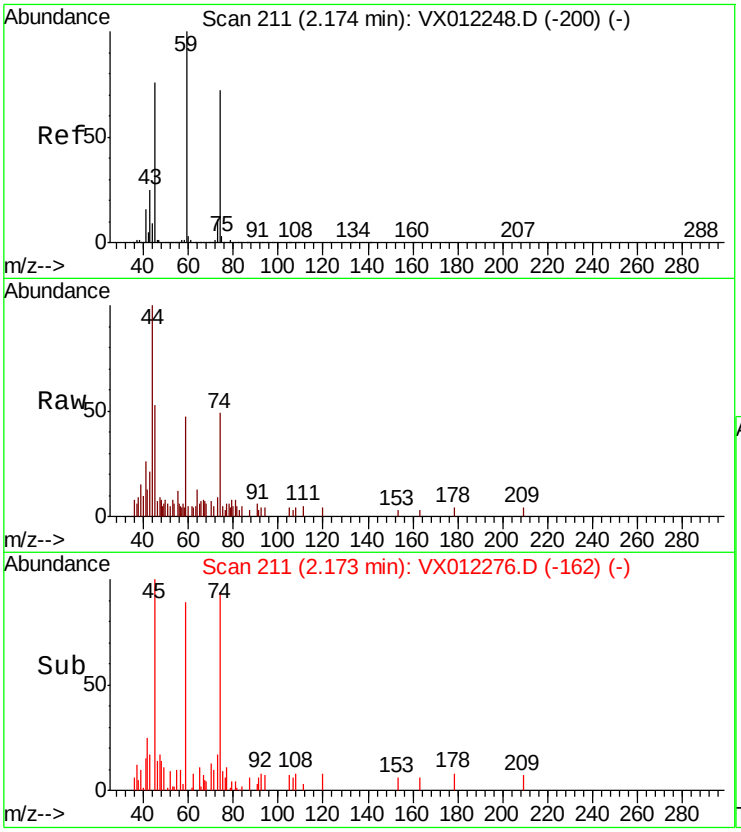


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion: 94 Resp: 647

Ion	Ratio	Lower	Upper
94	100		
96	59.3	74.0	111.0#



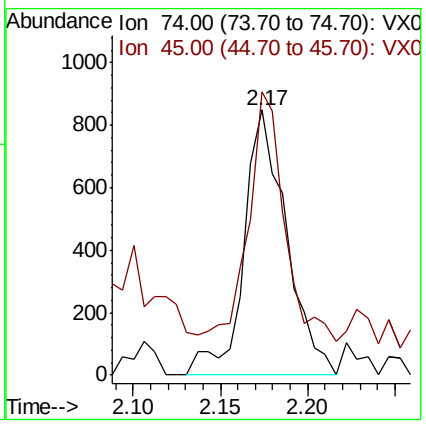


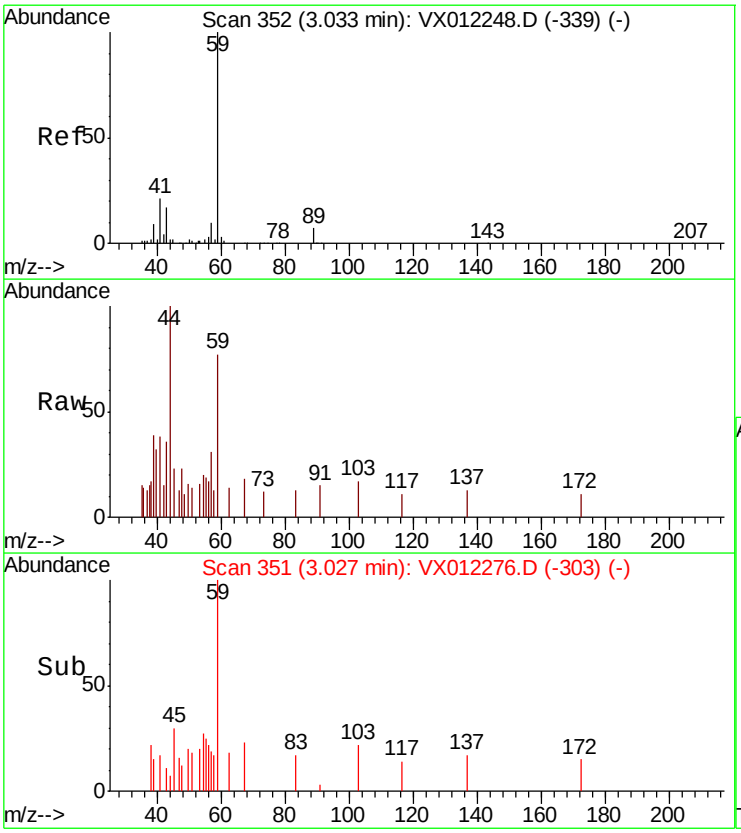
#8
Diethyl Ether
Concen: 1.866 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Tgt Ion: 74 Resp: 1436

Ion	Ratio	Lower	Upper
74	100		
45	102.6	51.3	153.9

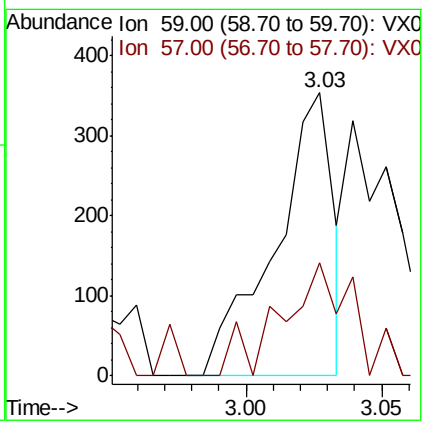


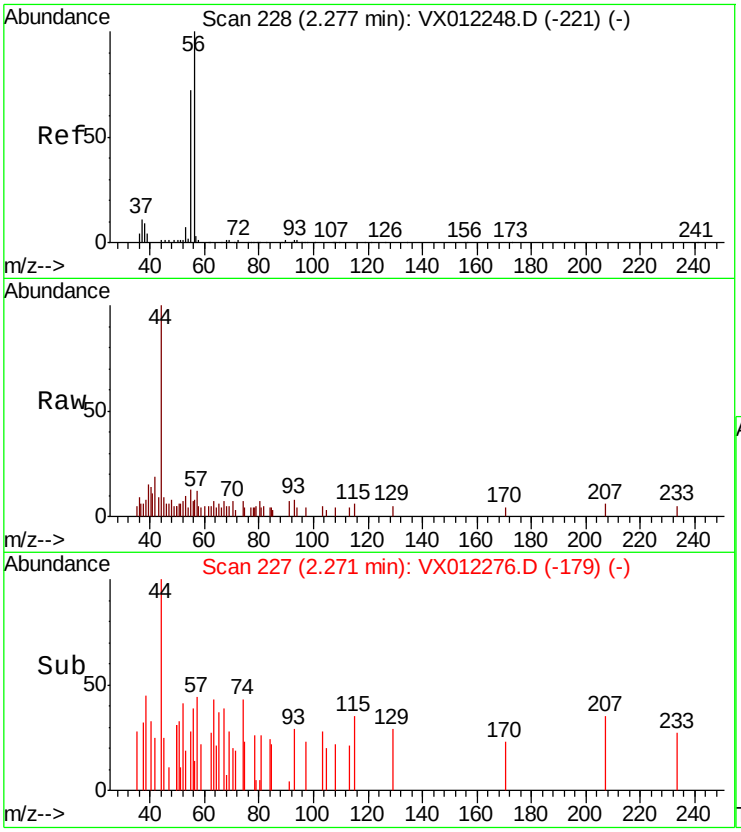


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion: 59 Resp: 526

Ion	Ratio	Lower	Upper
59	100		
57	49.2	7.8	11.6#



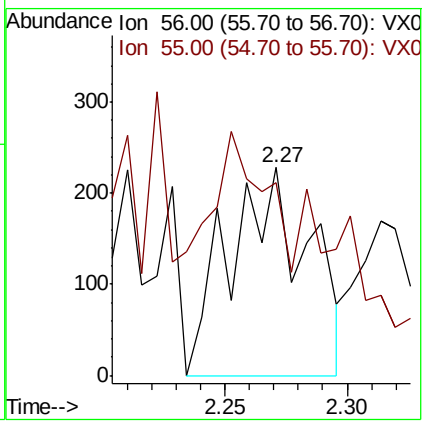


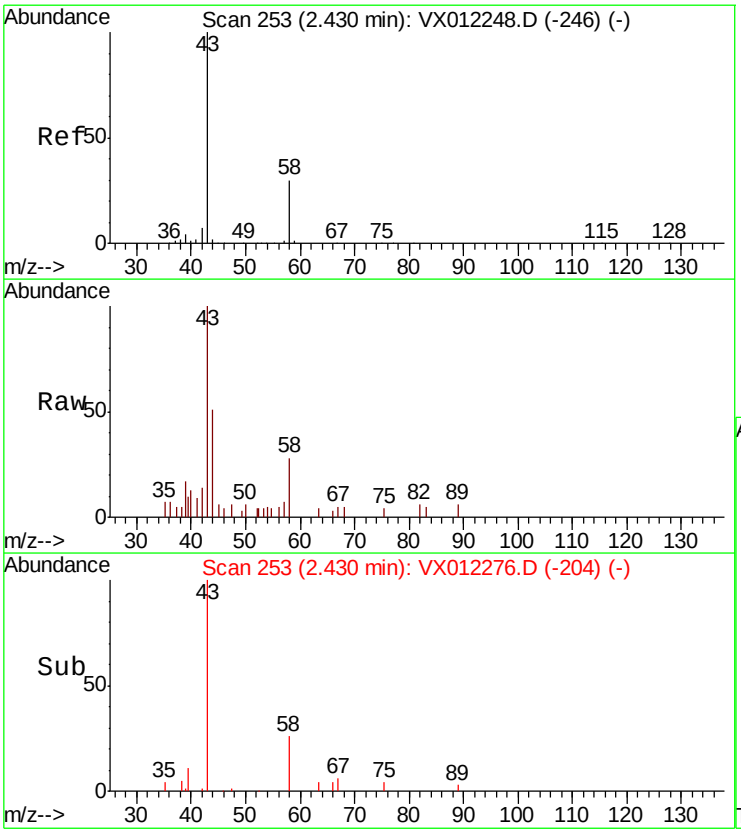
#13
Acrolein
Concen: 4.079 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Tgt Ion: 56 Resp: 514

Ion	Ratio	Lower	Upper
56	100		
55	41.8	59.8	89.6#

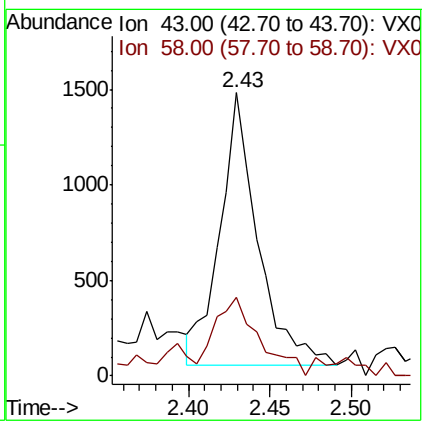


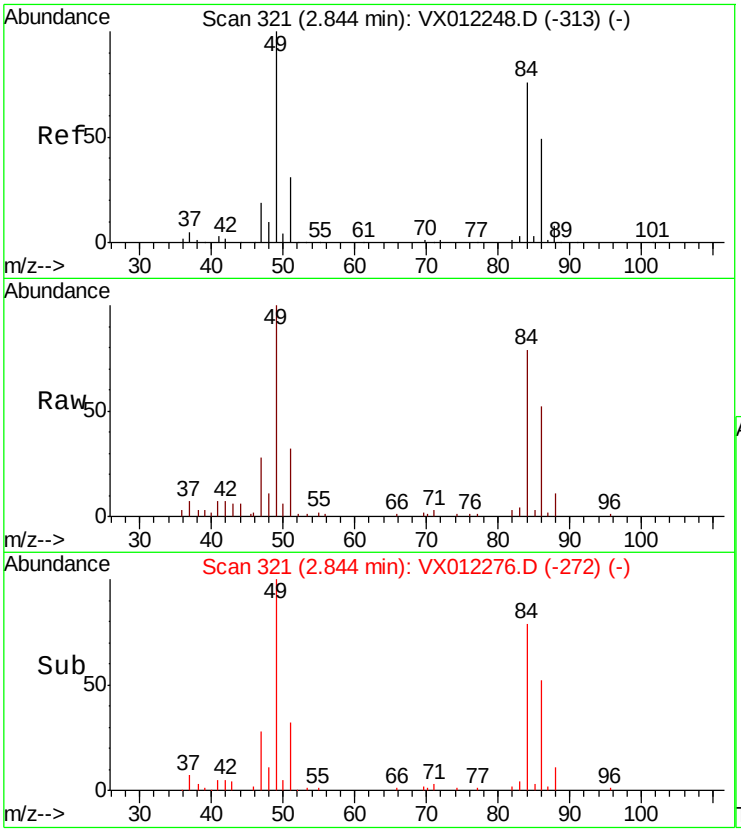


#16
Acetone
Concen: 4.060 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion: 43 Resp: 2317

Ion	Ratio	Lower	Upper
43	100		
58	24.2	23.6	35.4



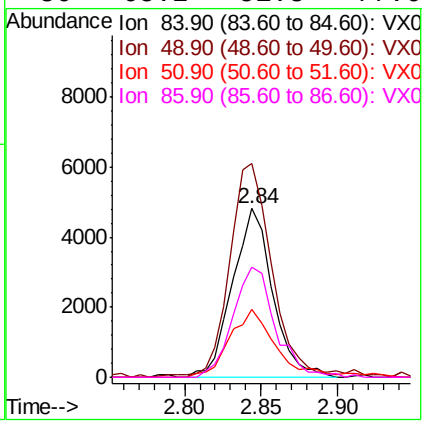


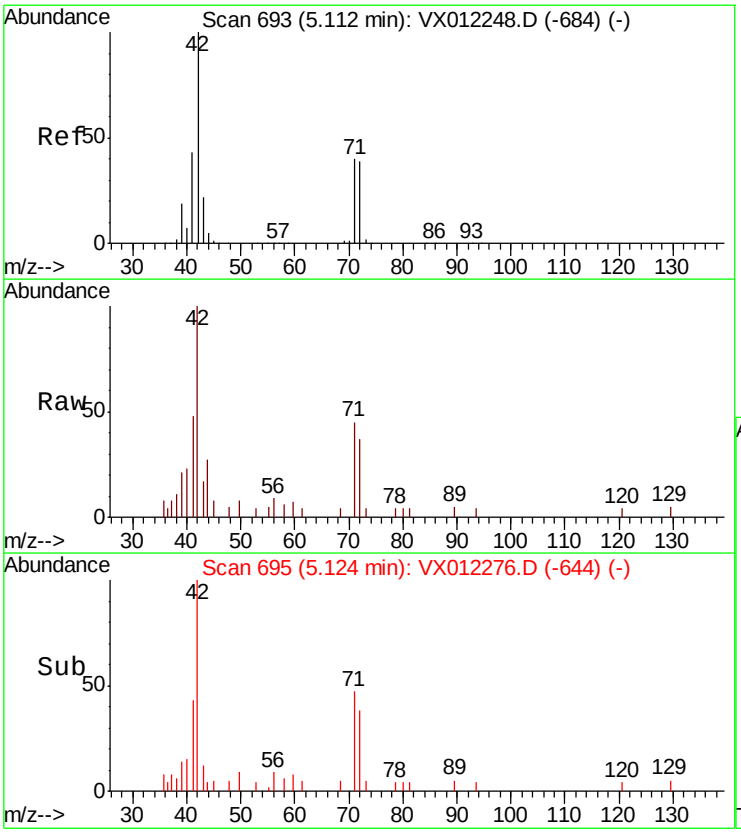
#20
Methylene Chloride
Concen: 2.415 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Tgt Ion: 84 Resp: 8764

Ion	Ratio	Lower	Upper
84	100		
49	125.2	105.0	157.6
51	40.1	32.6	48.8
86	65.2	51.8	77.6

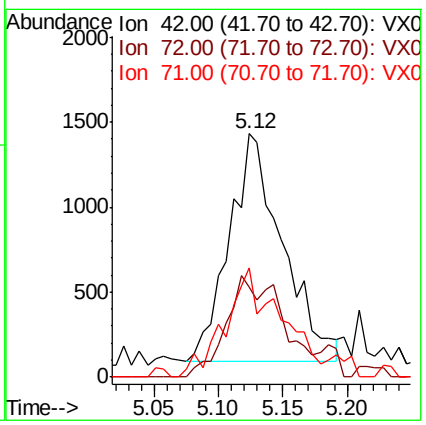


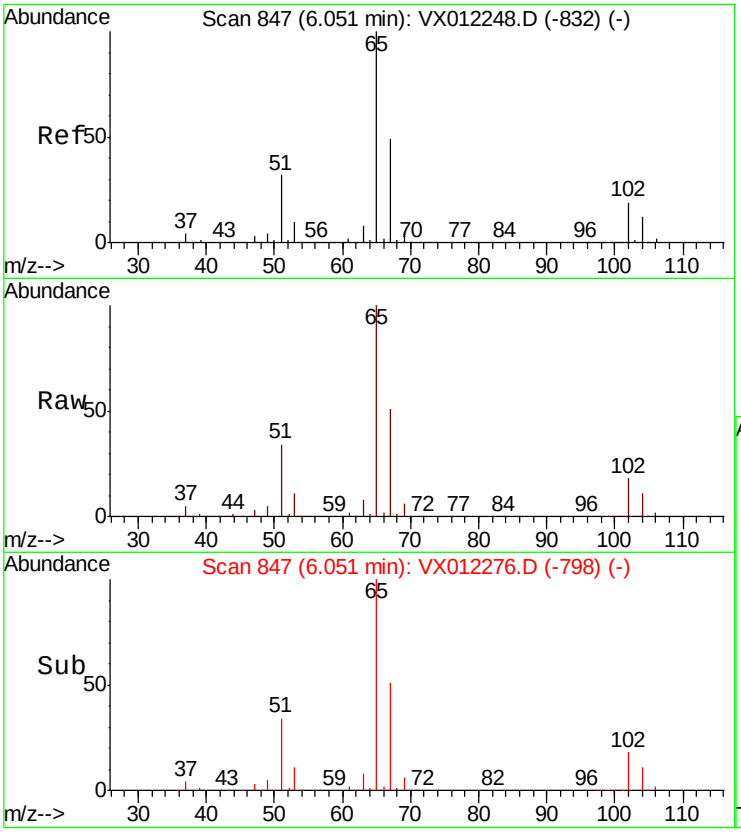


#29
Tetrahydrofuran
Concen: 9.847 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion: 42 Resp: 3876

Ion	Ratio	Lower	Upper
42	100		
72	25.7	35.2	52.8#
71	49.6	32.5	48.7#



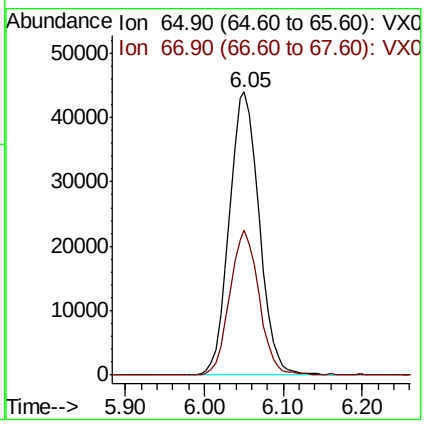


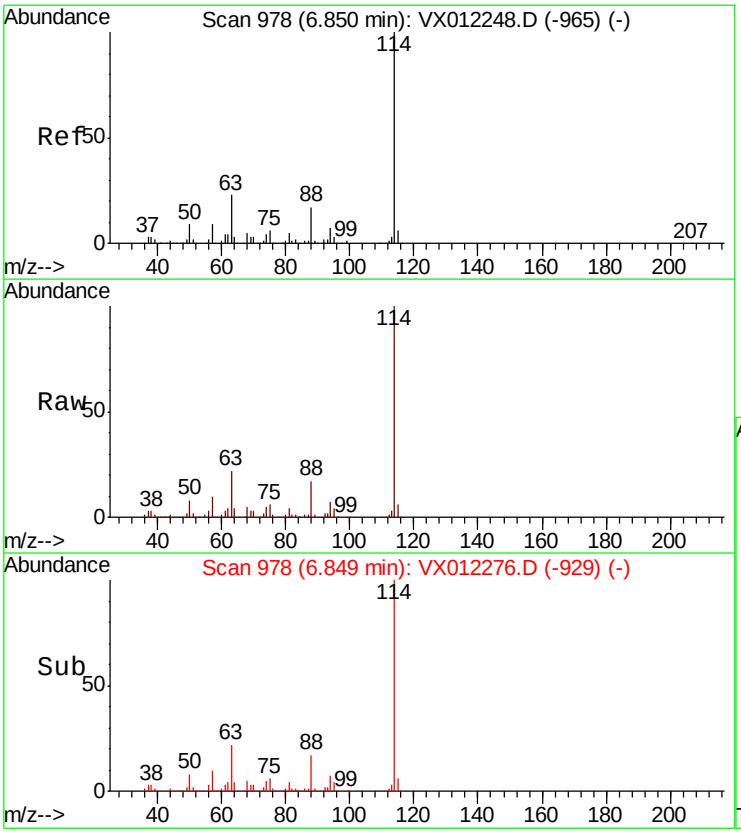
#33
1,2-Dichloroethane-d4
Concen: 48.205 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Tgt Ion: 65 Resp: 116209

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.8

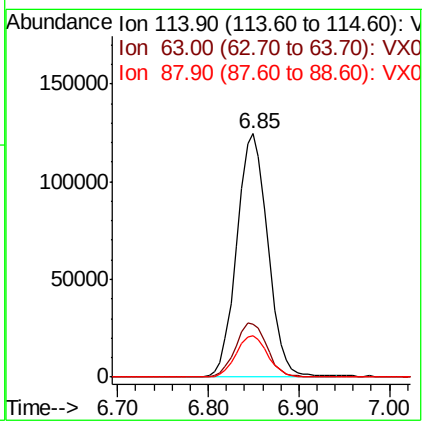


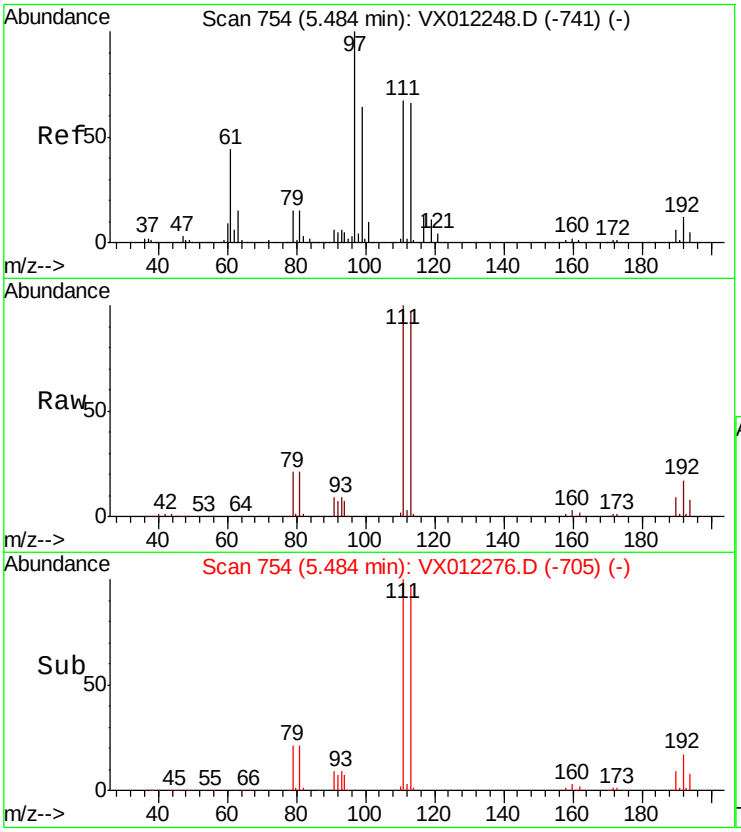


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion:114 Resp: 295804

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	45.2
88	17.2	0.0	34.8



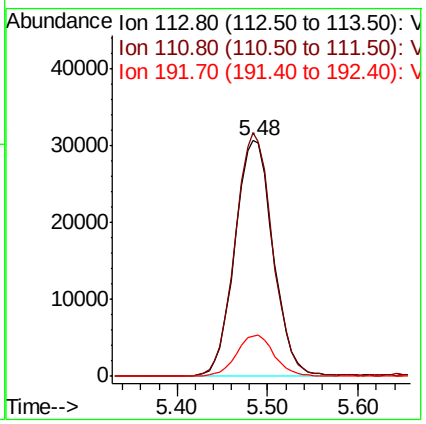


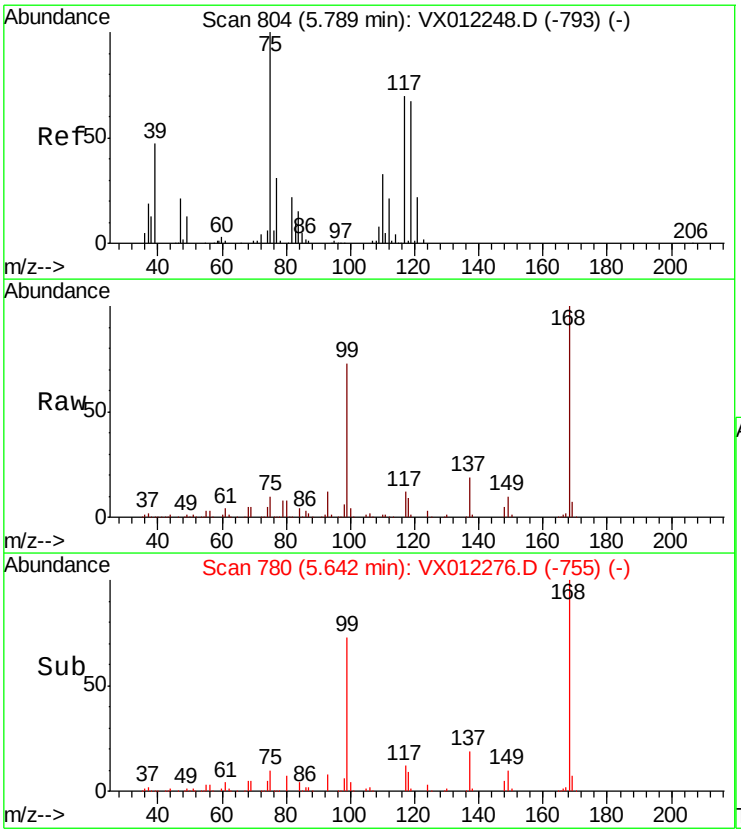
#35
Dibromofluoromethane
Concen: 47.300 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Tgt Ion:113 Resp: 89692

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.6
192	17.4	14.3	21.5

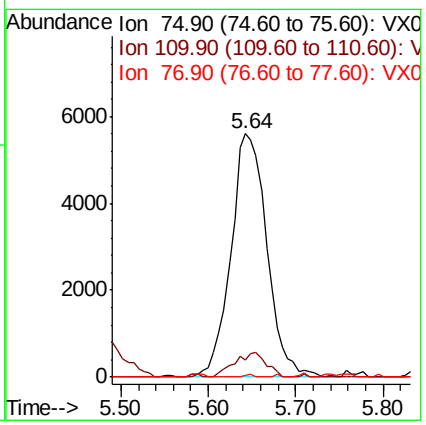


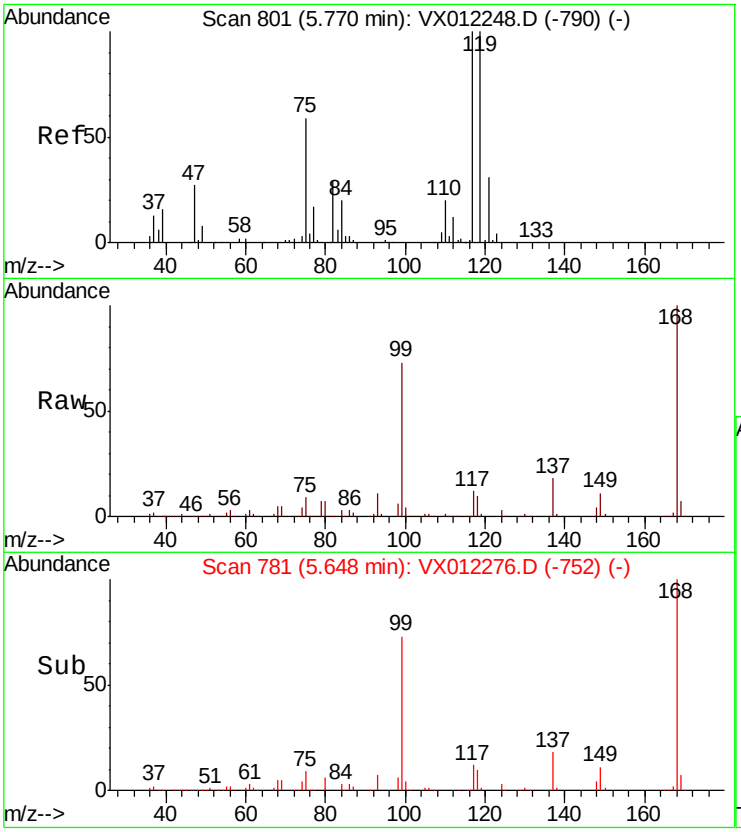


#36
1,1-Dichloropropene
Concen: 7.443 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion: 75 Resp: 16053

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.8	50.4#
77	0.3	24.5	36.7#



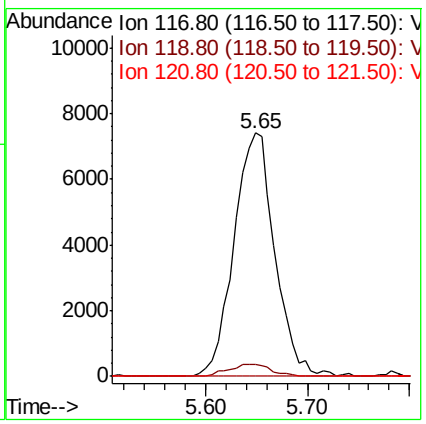


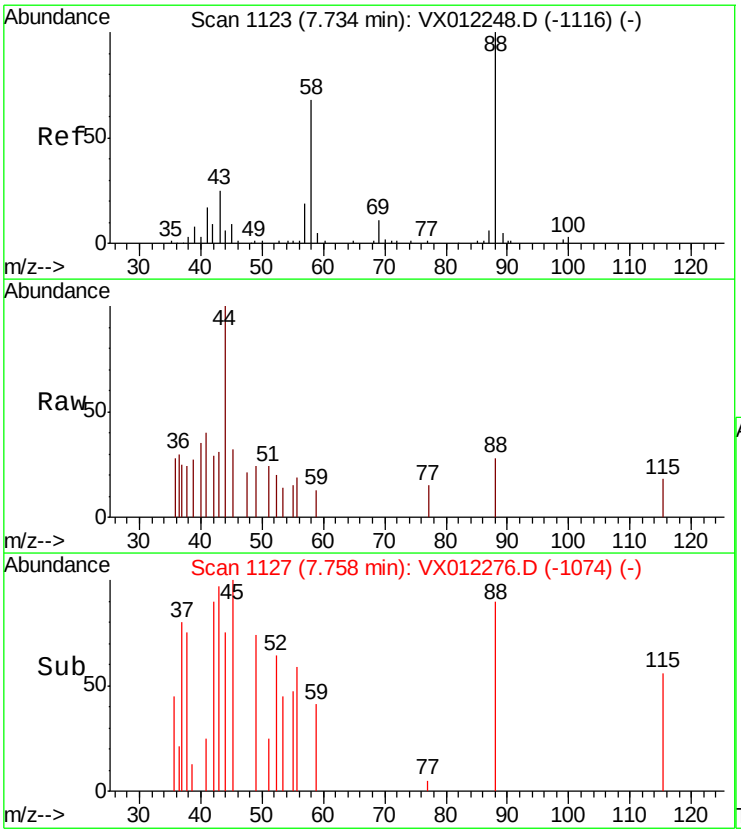
#38
Carbon Tetrachloride
Concen: 8.108 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Tgt Ion:117 Resp: 20518

Ion	Ratio	Lower	Upper
117	100		
119	4.7	79.6	119.4#
121	0.0	24.7	37.1#

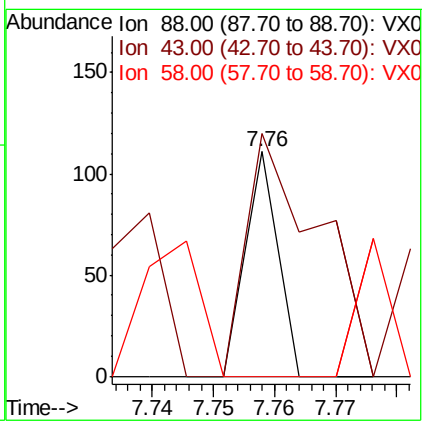


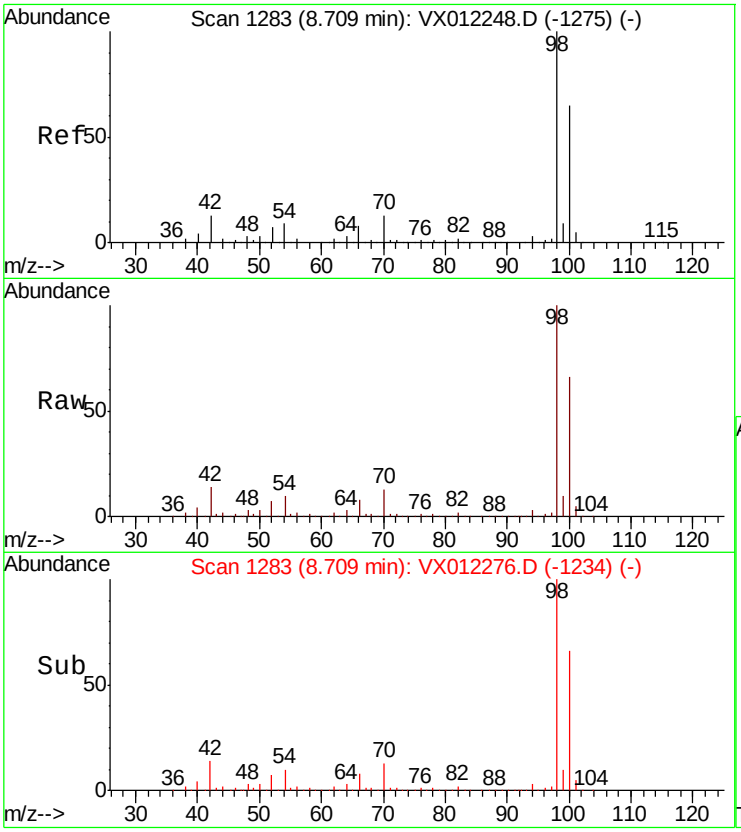


#49
1,4-Dioxane
Concen: 2.258 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion: 88 Resp: 41

Ion	Ratio	Lower	Upper
88	100		
43	297.6	31.0	46.4#
58	107.3	61.5	92.3#



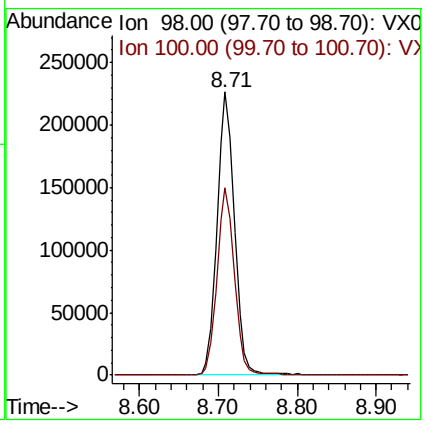


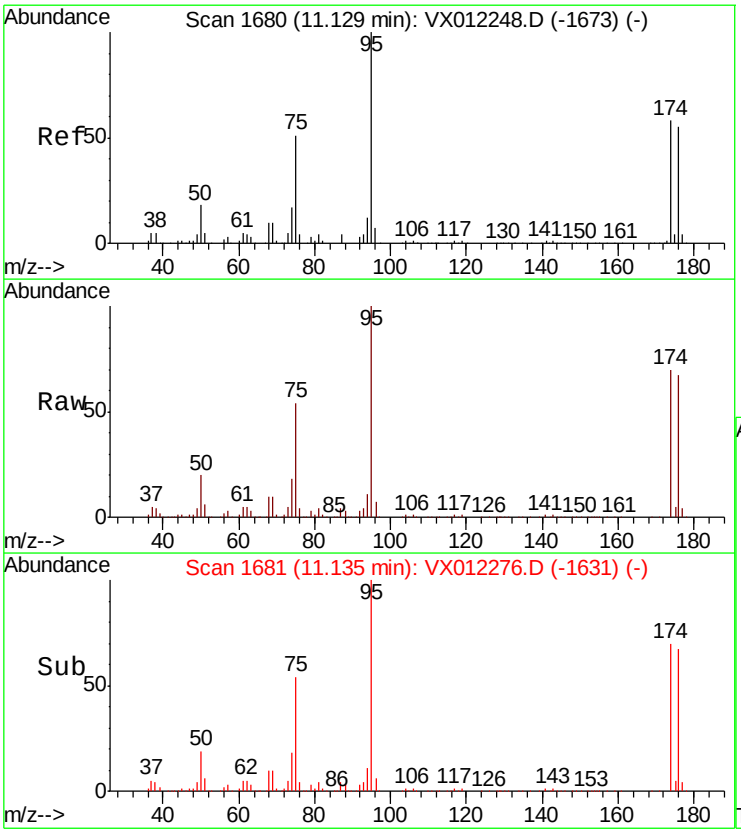
#50
Toluene-d8
Concen: 52.622 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument : MSVOA_X
ClientSampleId : T11-B1-(0)

Tgt Ion: 98 Resp: 349976

Ion	Ratio	Lower	Upper
98	100		
100	66.6	54.1	81.1

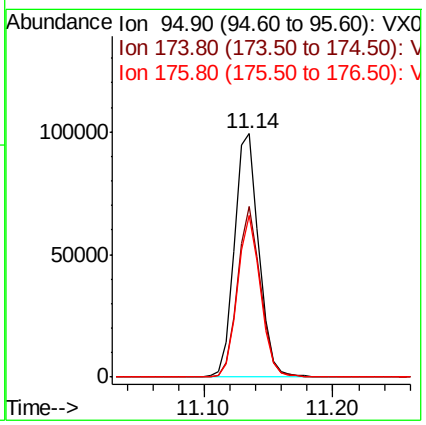


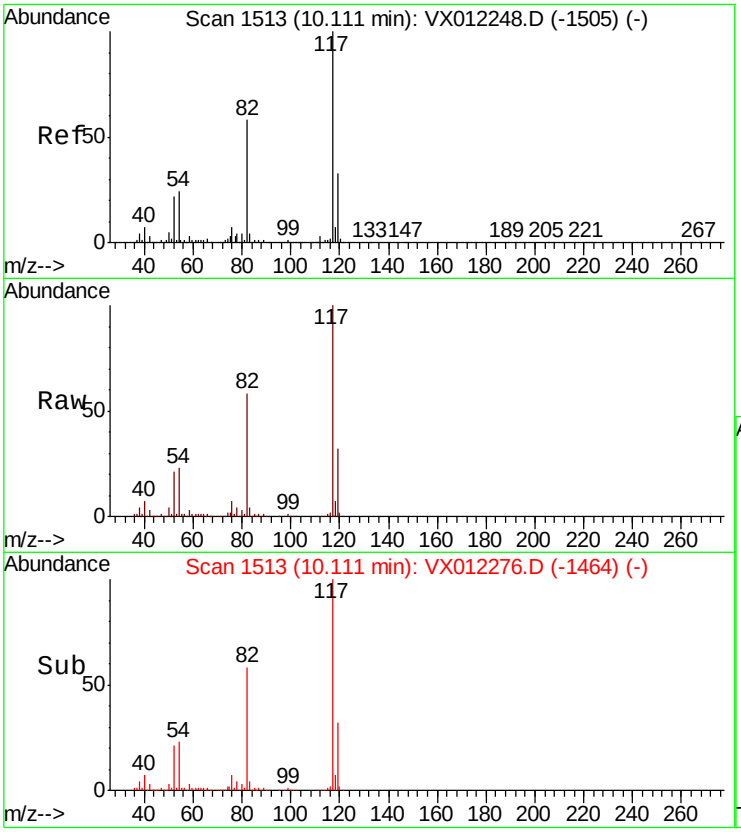


#62
4-Bromofluorobenzene
Concen: 42.514 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion: 95 Resp: 131085

Ion	Ratio	Lower	Upper
95	100		
174	66.1	0.0	127.0
176	62.7	0.0	125.8



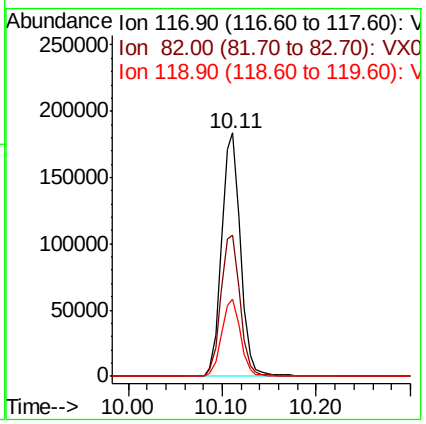


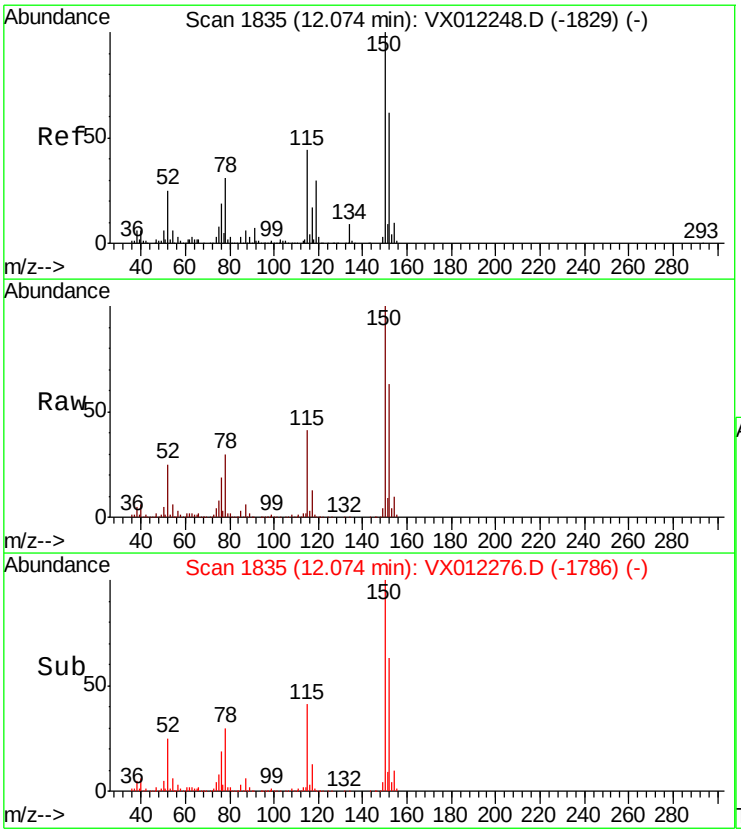
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Tgt Ion:117 Resp: 254280

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.4	69.6
119	31.6	26.6	39.8

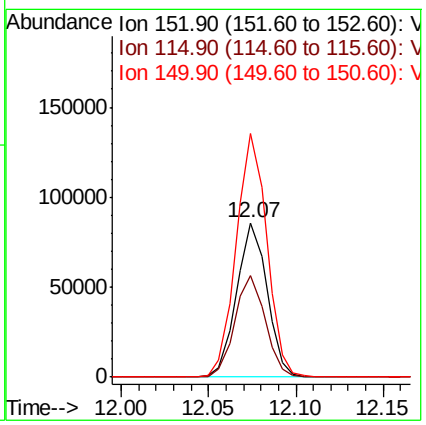


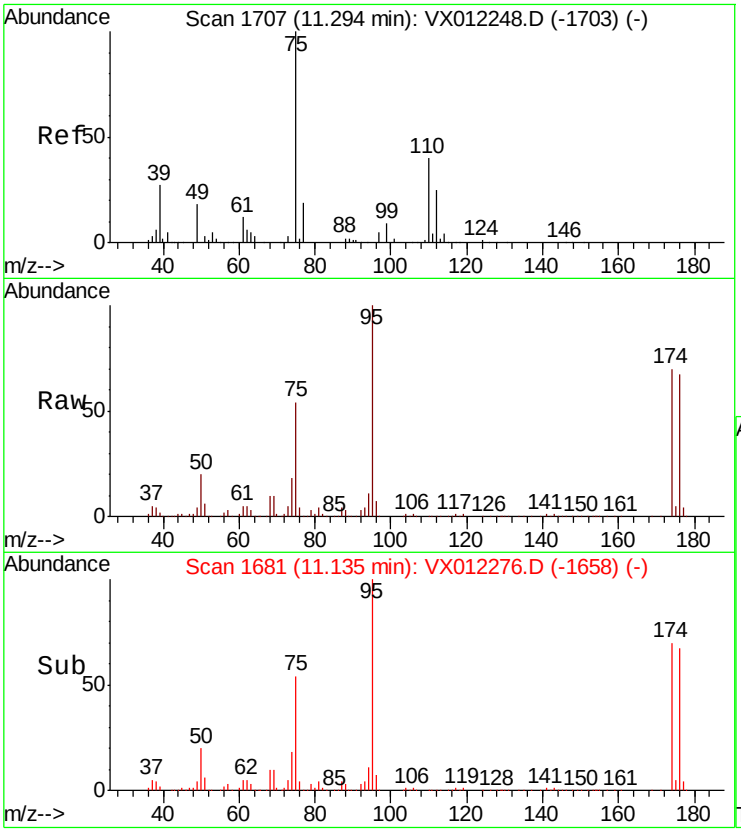


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion:152 Resp: 104485

Ion	Ratio	Lower	Upper
152	100		
115	65.8	45.5	136.4
150	158.9	0.0	346.4



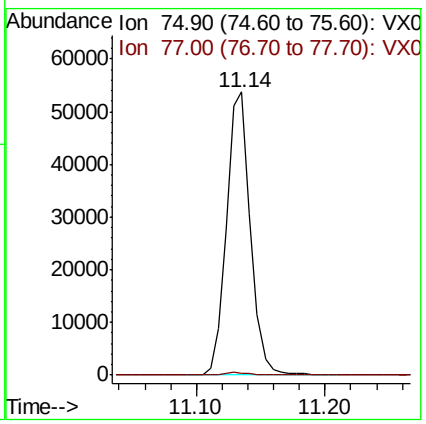


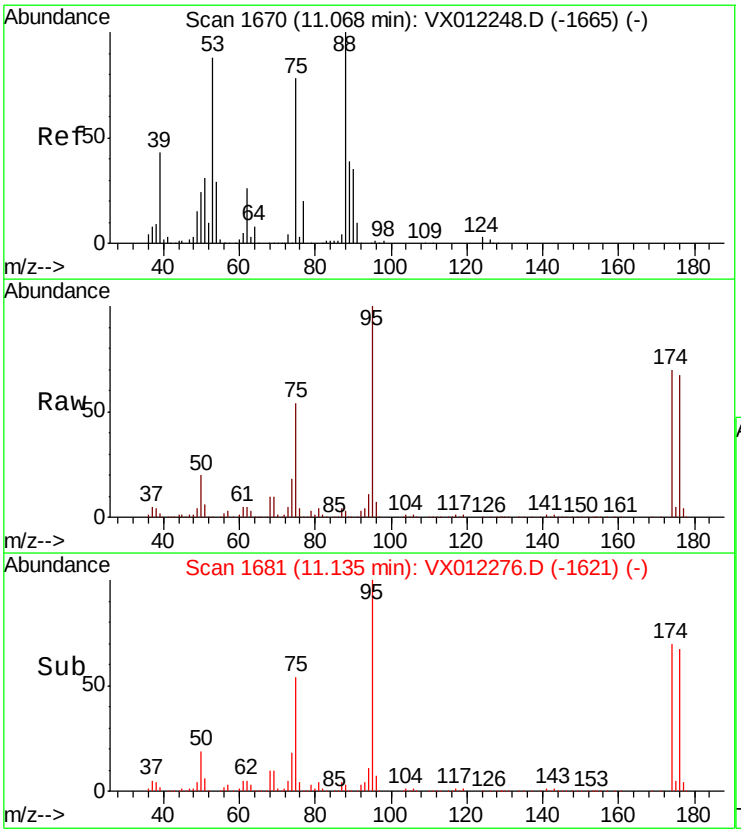
#76
1,2,3-Trichloropropane
Concen: 52.207 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Instrument :
MSVOA_X
ClientSampleId :
T11-B1-(0)

Tgt Ion: 75 Resp: 70076

Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 156.425 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012276.D
Acq: 11 Sep 2019 01:43

Tgt Ion: 75 Resp: 70076

Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.1	132.1#
89	0.1	43.5	65.3#