Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012720\
Data File : VX014735.D
Acq On : 27 Jan 2020 18:37
Operator : JC/SP
Sample : L1267-01 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 28 03:18:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	431056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	680257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	616980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	284944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	251001	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.72%			
35) Dibromofluoromethane	5.49	113	206616	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.28%			
50) Toluene-d8	8.71	98	807114	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
62) 4-Bromofluorobenzene	11.13	95	274602	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	648	0.642	ug/l	99
6) Chloroethane	1.69	64	549	Below Cal	#	43
11) Tert butyl alcohol	3.07	59	320	0.283	ug/l #	72
13) Acrolein	2.28	56	1035	1.162	ug/l	94
16) Acetone	2.43	43	10668	4.015	ug/l	100
20) Methylene Chloride	2.85	84	3353	0.657	ug/l #	71
25) 2-Butanone	4.68	43	4922	1.245	ug/l #	85
36) 1,1-Dichloropropene	5.65	75	29798	4.714	ug/l #	52
38) Carbon Tetrachloride	5.65	117	39435	6.532	ug/l #	16
40) Benzene	6.14	78	4520	0.231	ug/l #	78
41) Methacrylonitrile	4.93	41	393	Below Cal		95
49) 1,4-Dioxane	7.73	88	97	0.808	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	1592	0.213	ug/l	89
52) Toluene	8.78	92	6257	0.521	ug/l	94
56) Ethyl methacrylate	9.18	69	222	1.810	ug/l #	23
58) 2-Chloroethyl Vinyl ether	8.19	63	797	0.322	ug/l	90
68) m/p-Xylenes	10.35	106	1974	0.231	ug/l	87
69) o-Xylene	10.70	106	1870	0.227	ug/l	73
76) 1,2,3-Trichloropropane	11.13	75	136089	20.528	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.13	75	136089	58.419	ug/l #	10
95) Naphthalene	13.83	128	1331	0.997	ug/l #	57

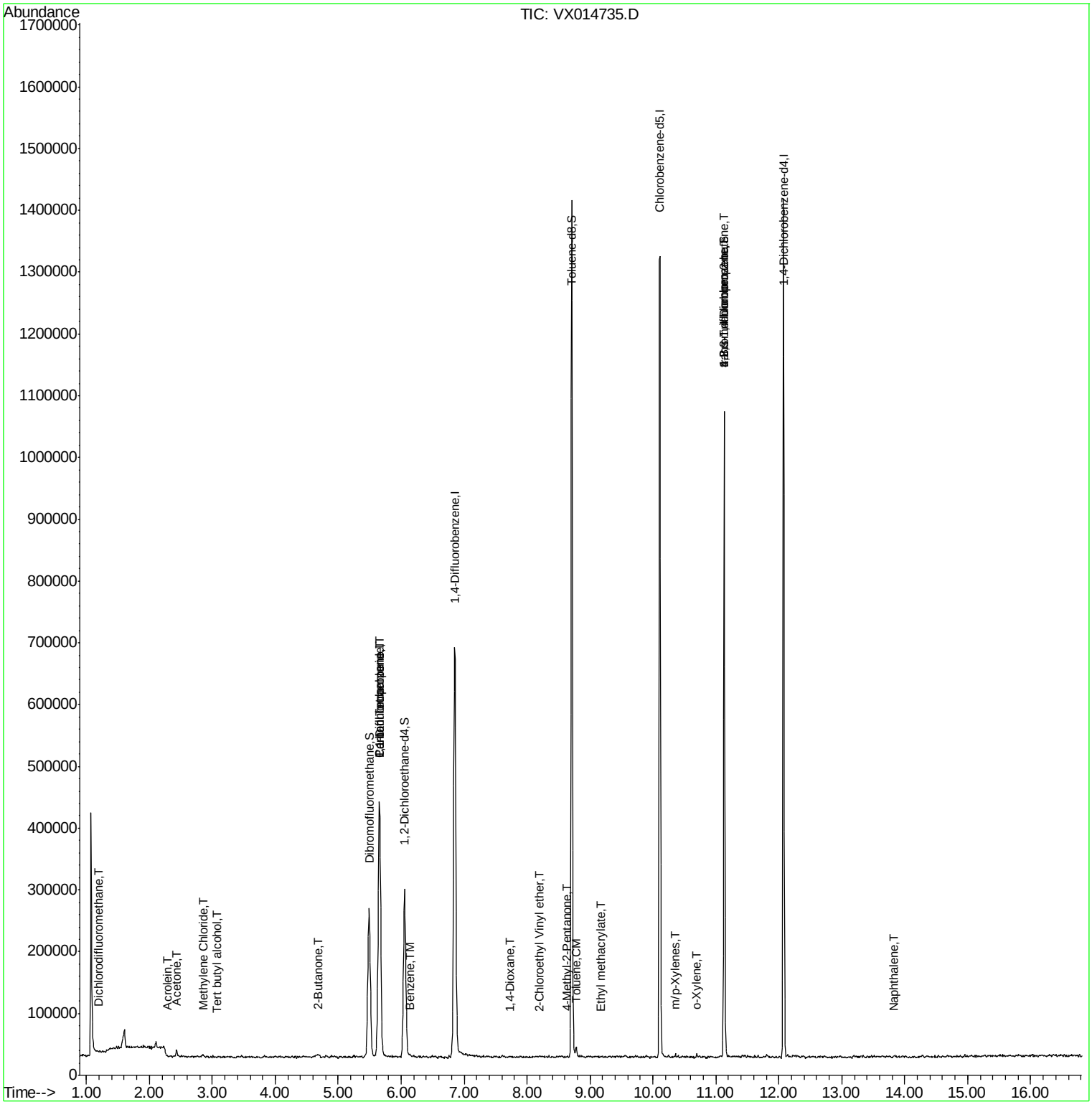
(#) = qualifier out of range (m) = manual integration (+) = signals summed

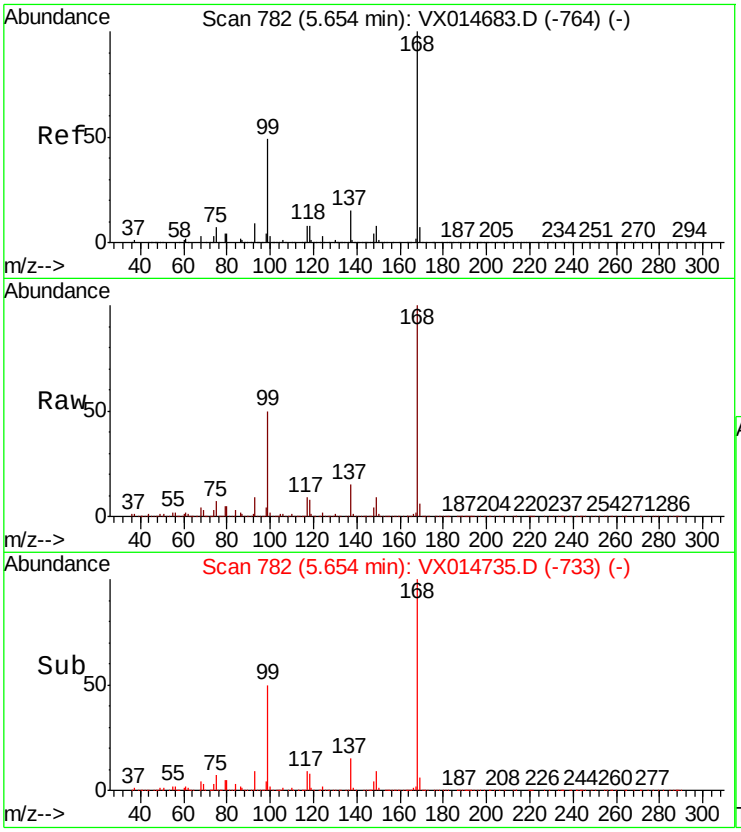
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012720\
Data File : VX014735.D
Acq On : 27 Jan 2020 18:37
Operator : JC/SP
Sample : L1267-01 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 28 03:18:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration



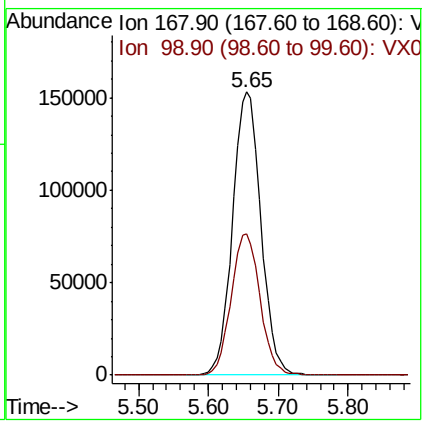


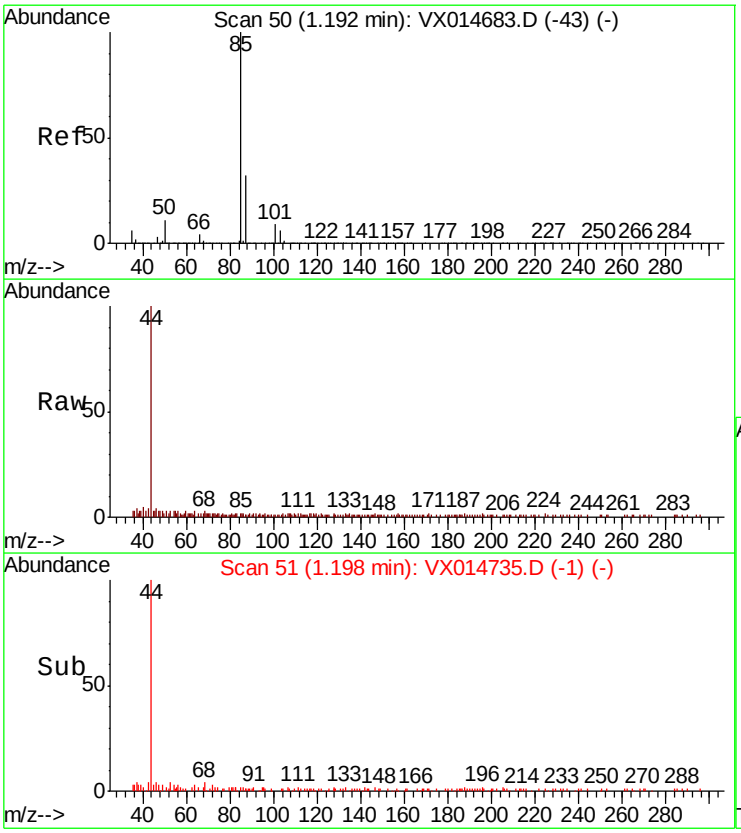
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 431056

Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.8	59.6

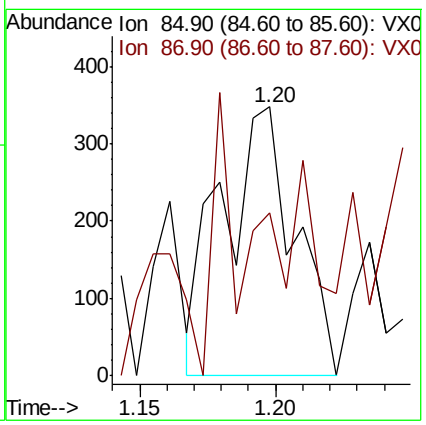


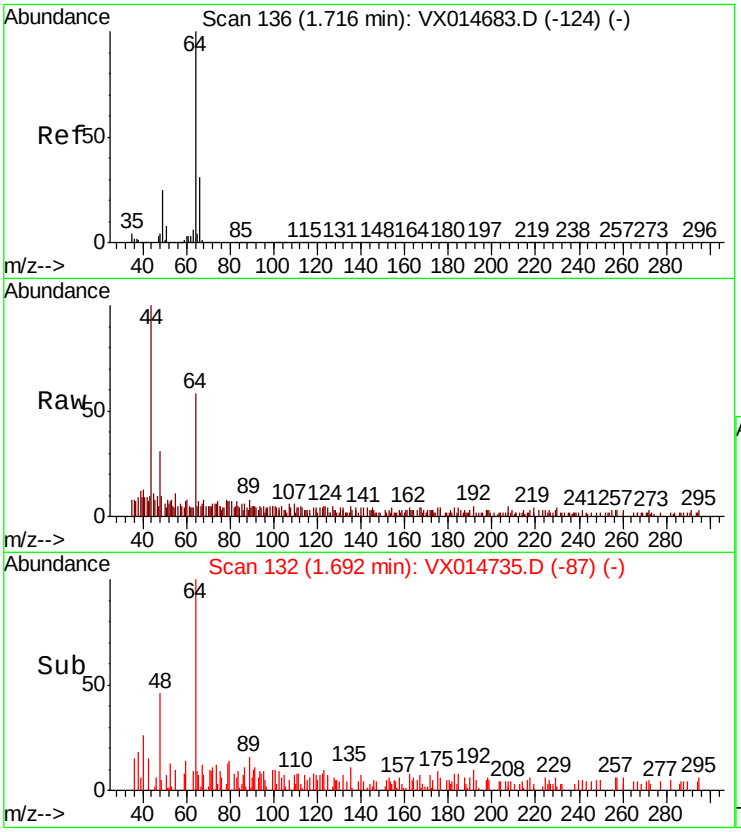


#2
Dichlorodifluoromethane
Concen: 0.642 ug/l
RT: 1.20 min Scan# 51
Delta R.T. 0.01 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion: 85 Resp: 648

Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.2	48.5



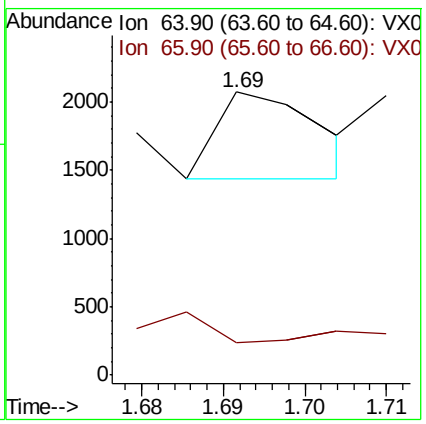


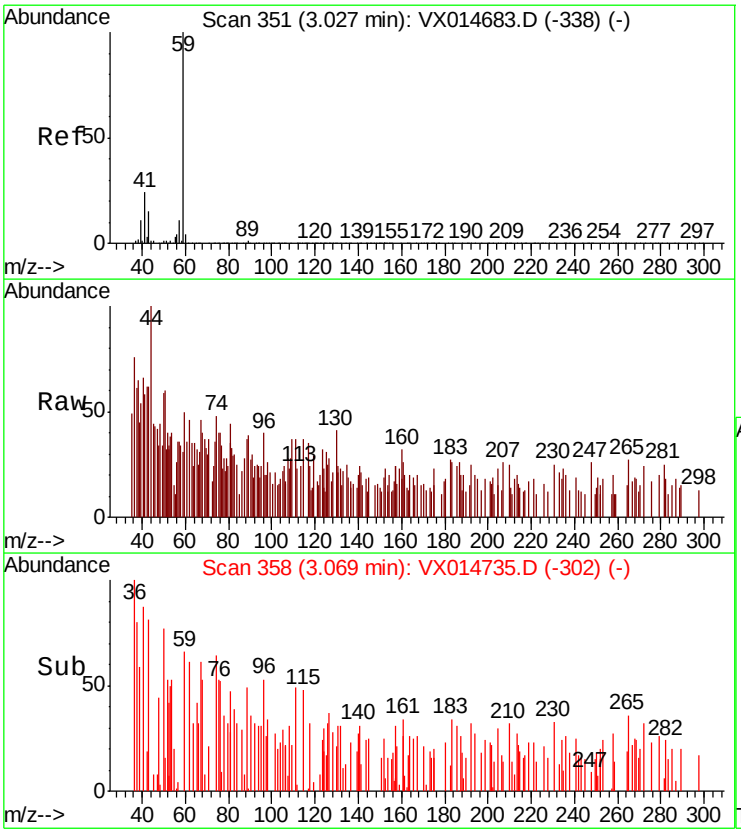
#6
Chloroethane
Concen: Below Cal
RT: 1.69 min Scan# 132
Delta R.T. -0.02 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 549

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#

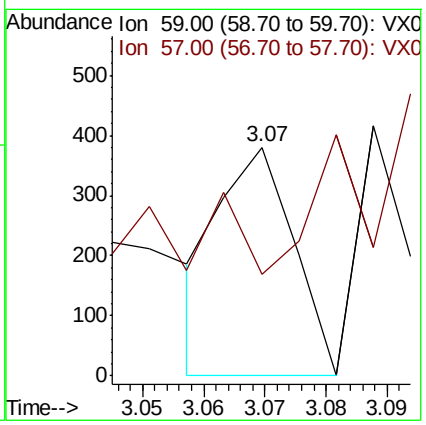


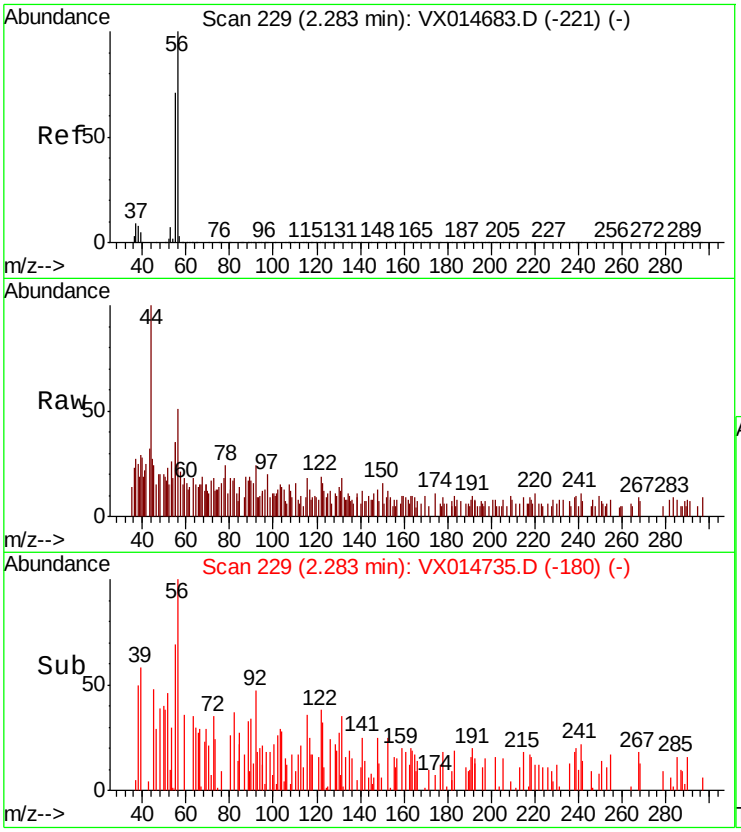


#11
Tert butyl alcohol
Concen: 0.283 ug/l
RT: 3.07 min Scan# 358
Delta R.T. 0.04 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion: 59 Resp: 320

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



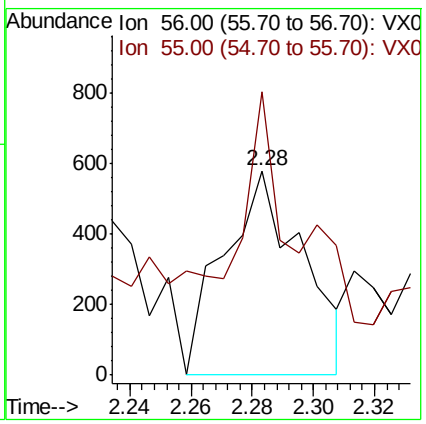


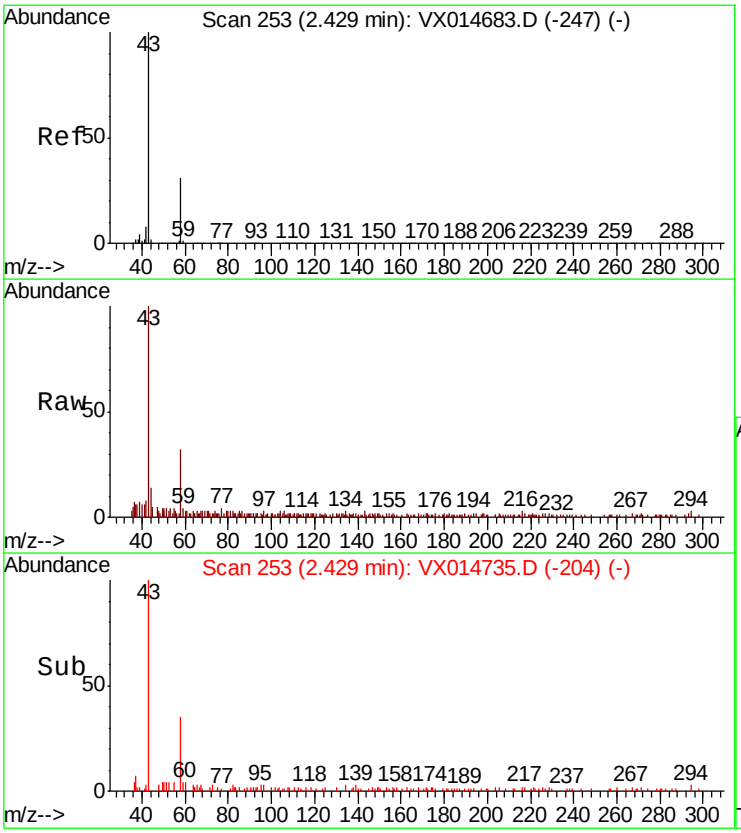
#13
Acrolein
Concen: 1.162 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 1035

Ion	Ratio	Lower	Upper
56	100		
55	65.5	56.6	84.8

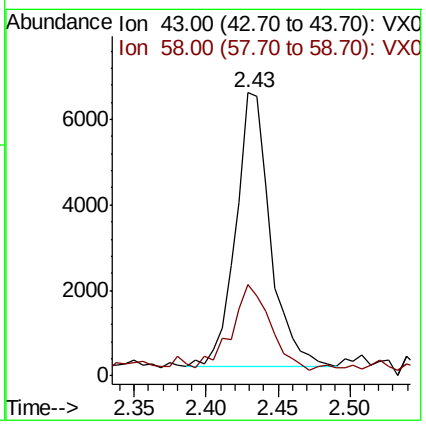


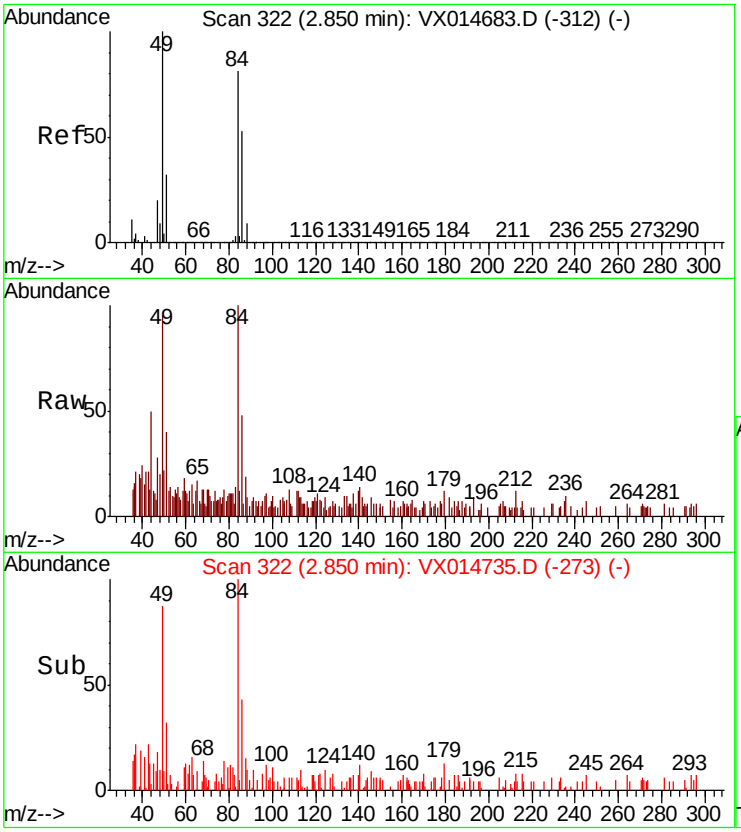


#16
Acetone
Concen: 4.015 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion: 43 Resp: 10668

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.5	36.7



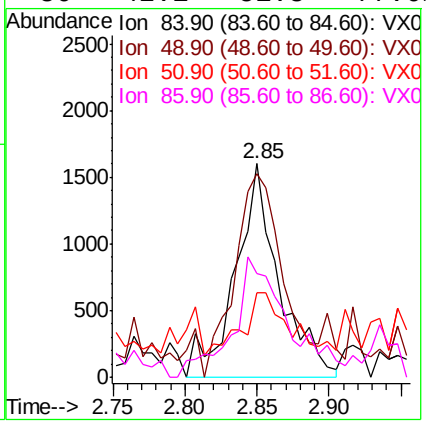


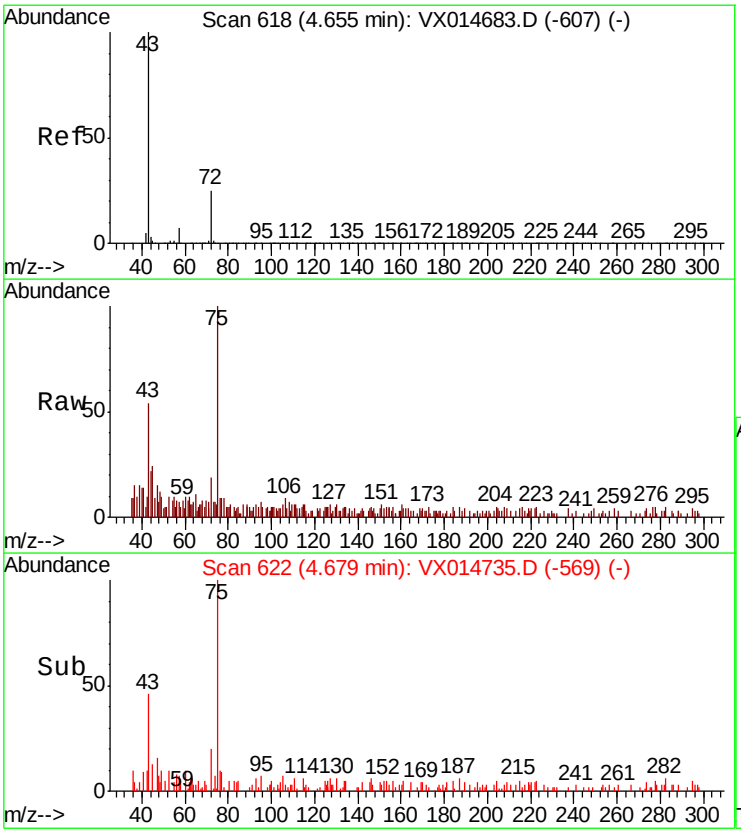
#20
Methylene Chloride
Concen: 0.657 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 3353

Ion	Ratio	Lower	Upper
84	100		
49	86.2	98.2	147.4#
51	28.1	31.3	46.9#
86	42.1	51.8	77.6#

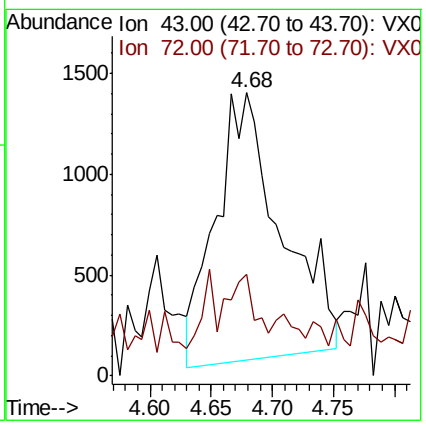


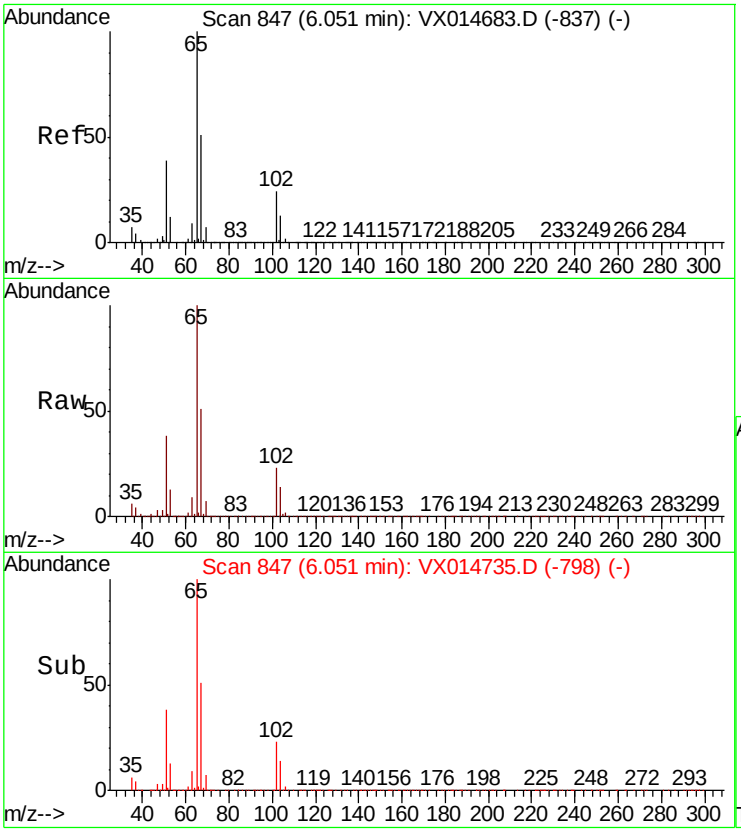


#25
2-Butanone
Concen: 1.245 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion: 43 Resp: 4922

Ion	Ratio	Lower	Upper
43	100		
72	32.7	19.9	29.9#



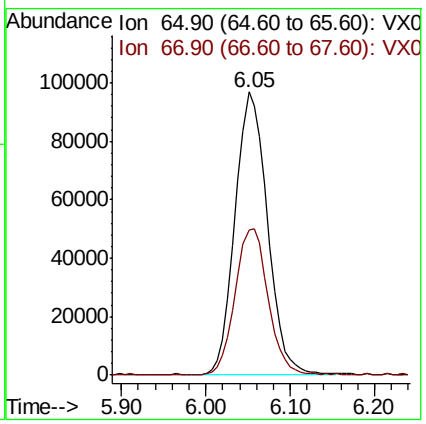


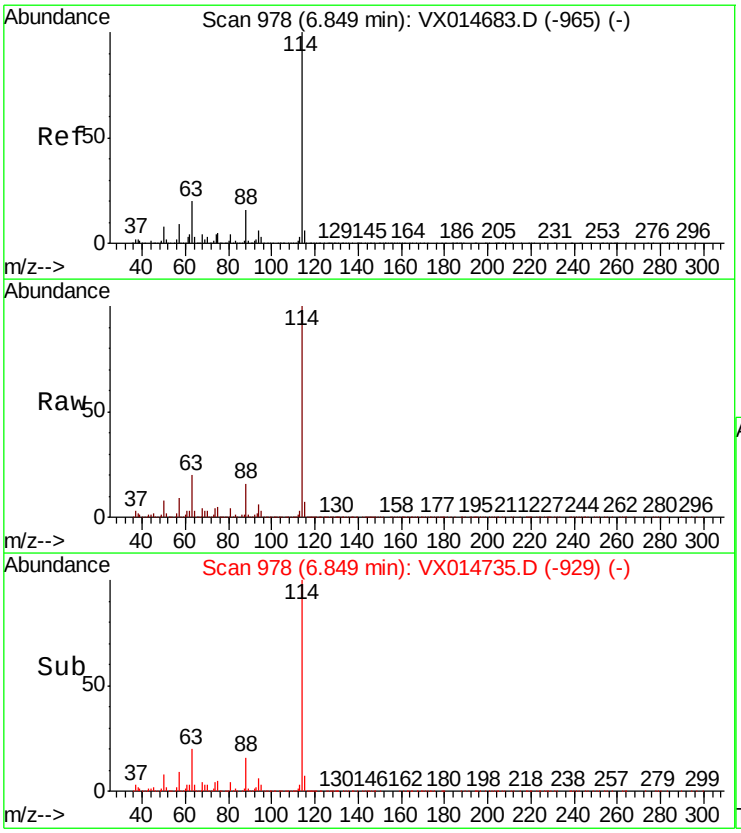
#33
1,2-Dichloroethane-d4
Concen: 49.864 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 251001

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.4

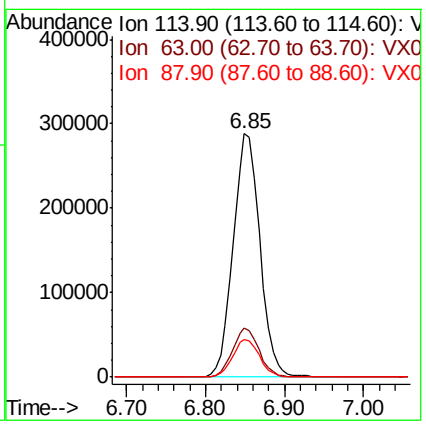


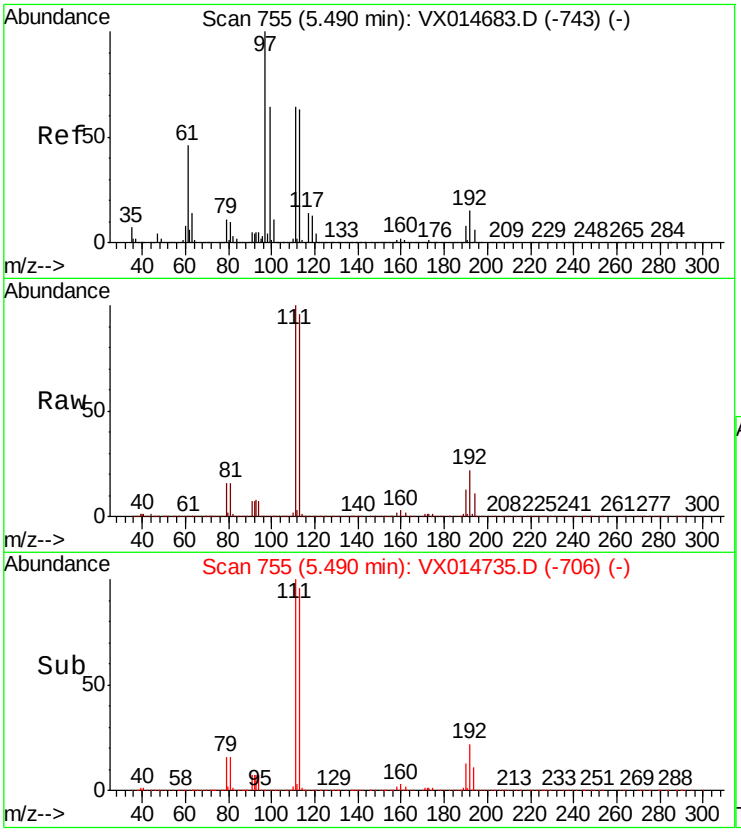


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion:114 Resp: 680257

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.6
88	15.5	0.0	31.2



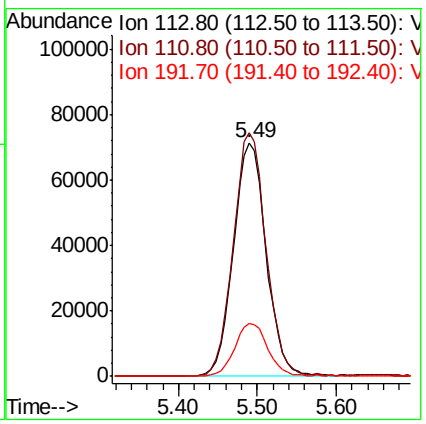


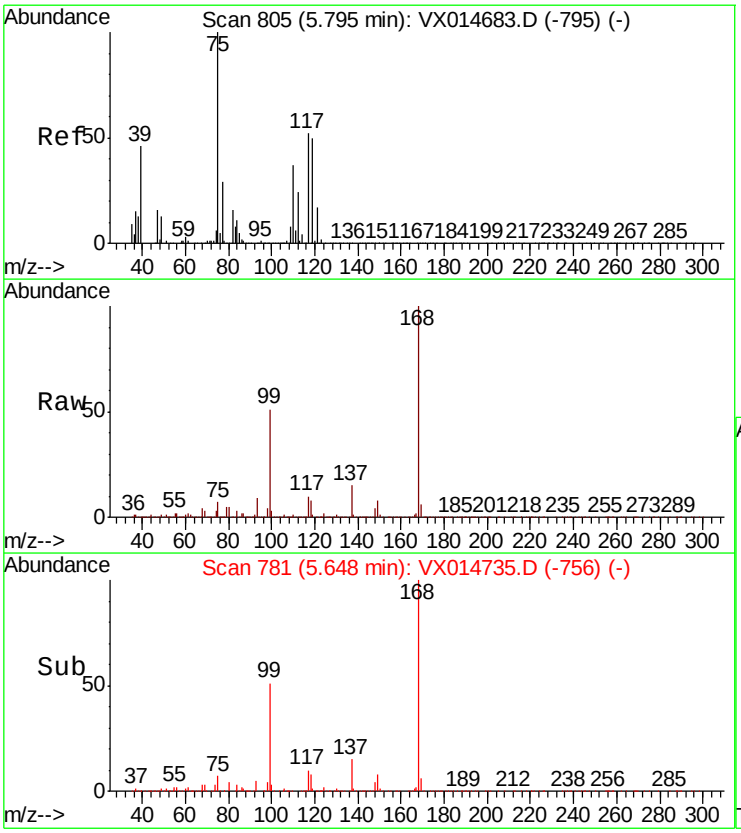
#35
Dibromofluoromethane
Concen: 48.136 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 206616

Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.7	121.1
192	22.9	18.5	27.7

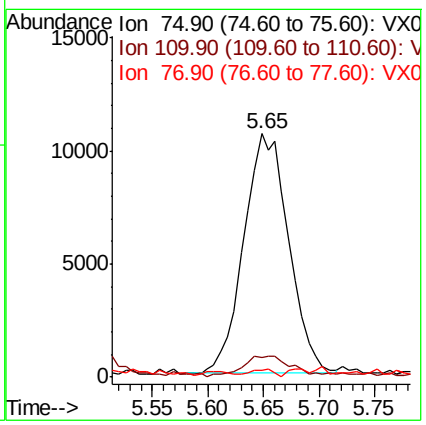


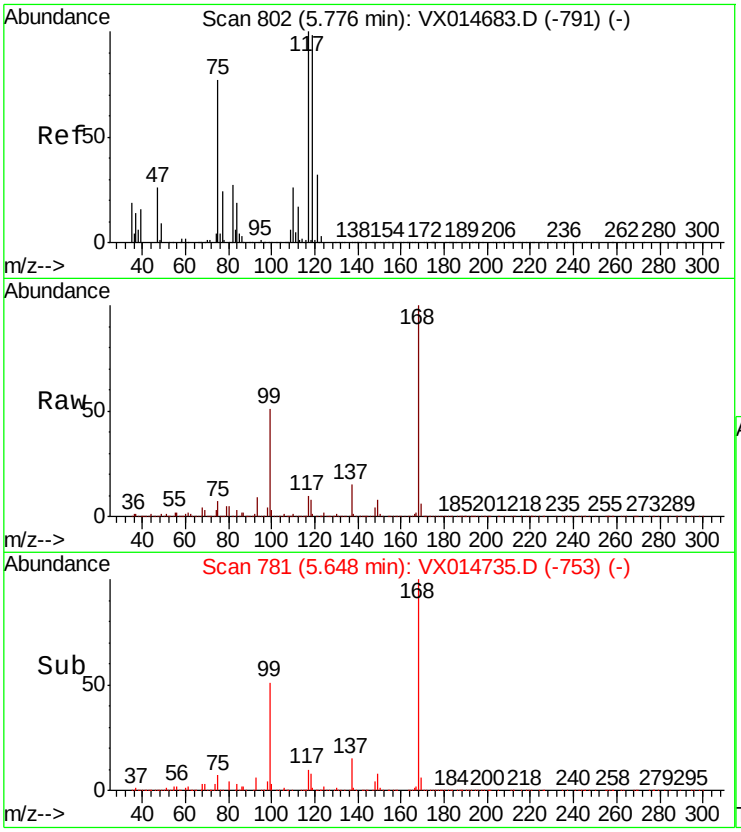


#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion: 75 Resp: 29798

Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.9	53.7#
77	1.6	24.1	36.1#



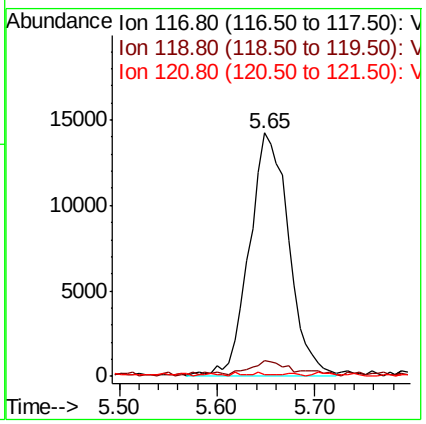


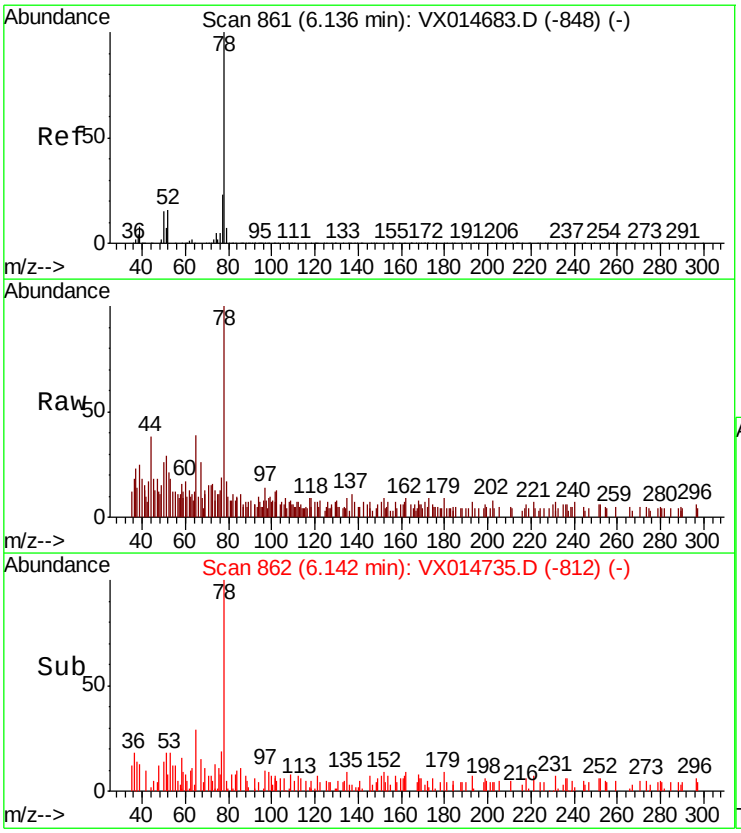
#38
Carbon Tetrachloride
Concen: 6.532 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 39435

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.9	116.9#
121	0.0	25.4	38.2#

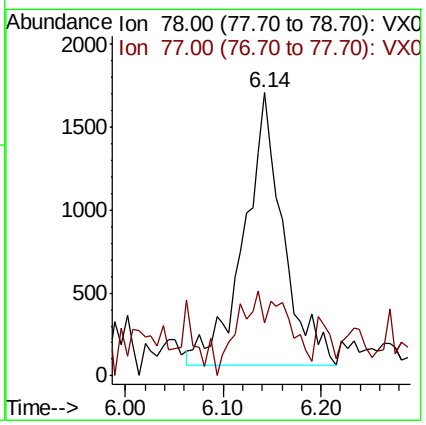


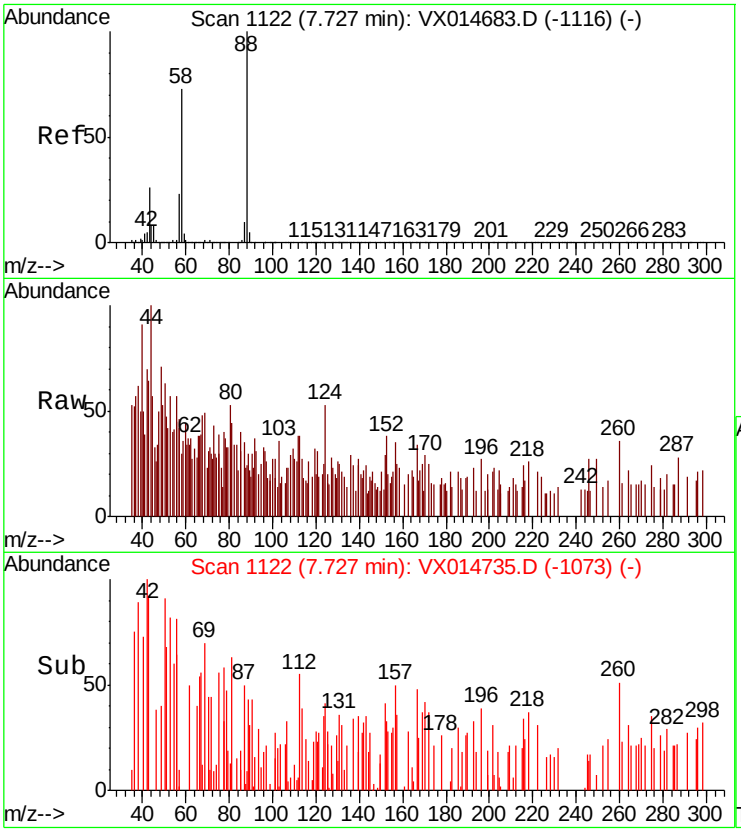


#40
Benzene
Concen: 0.231 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion: 78 Resp: 4520

Ion	Ratio	Lower	Upper
78	100		
77	12.8	18.7	28.1#



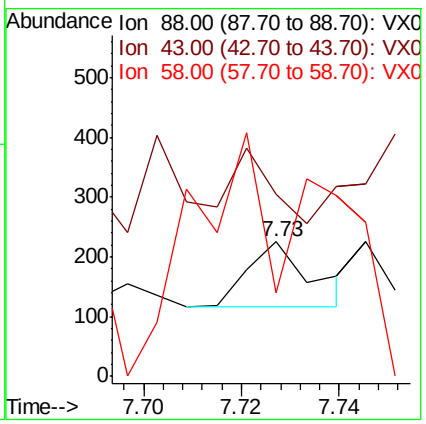


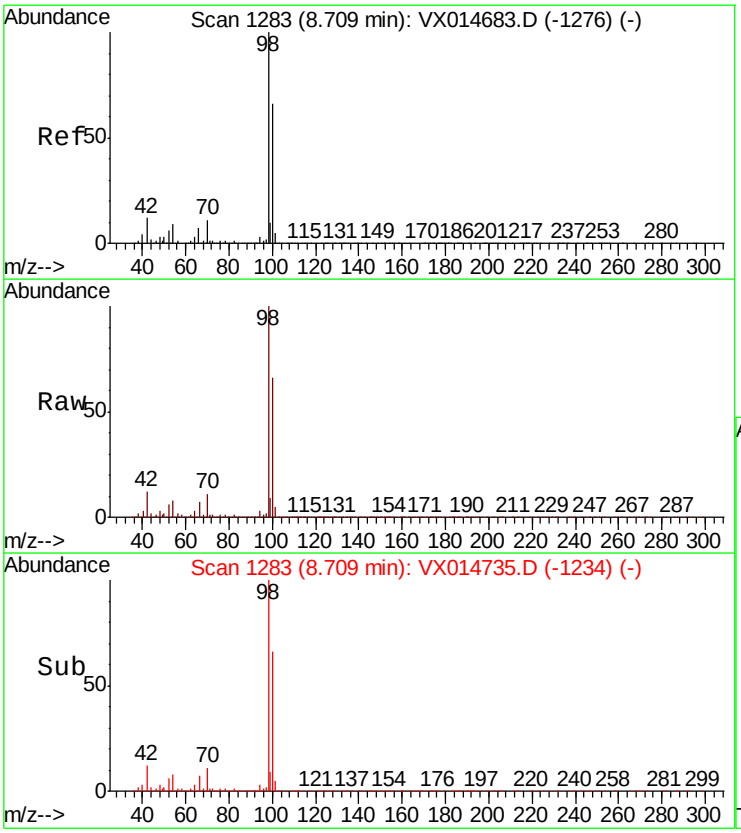
#49
1,4-Dioxane
Concen: 0.808 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 97

Ion	Ratio	Lower	Upper
88	100		
43	67.0	26.2	39.2#
58	450.5	56.6	85.0#

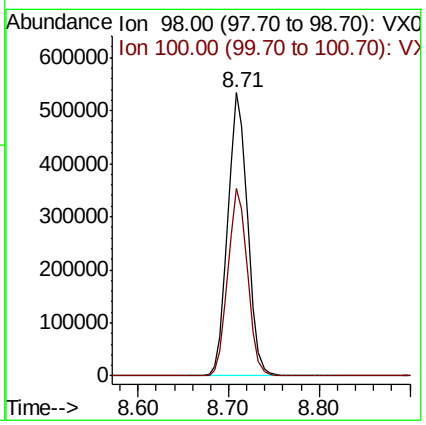


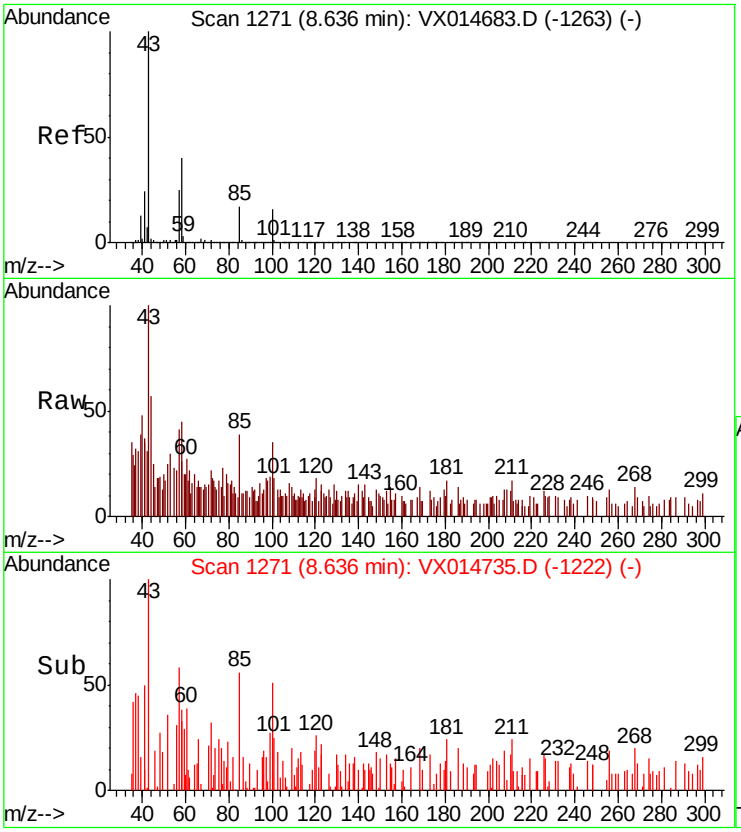


#50
Toluene-d8
Concen: 48.911 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion: 98 Resp: 807114

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6



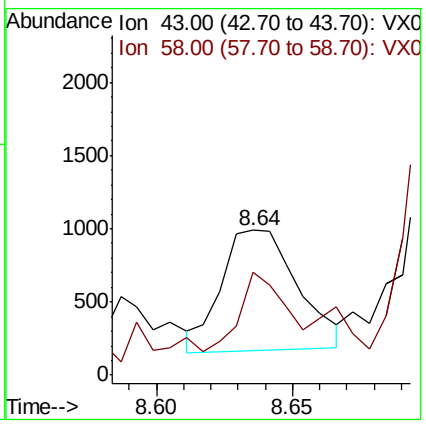


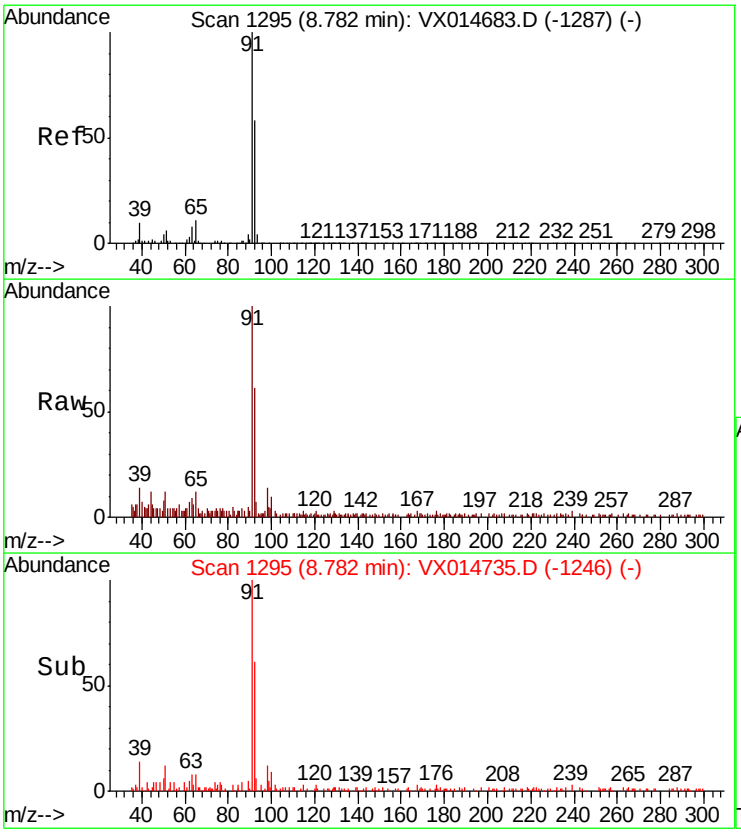
#51
4-Methyl-2-Pentanone
Concen: 0.213 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1592

Ion	Ratio	Lower	Upper
43	100		
58	46.3	31.6	47.4

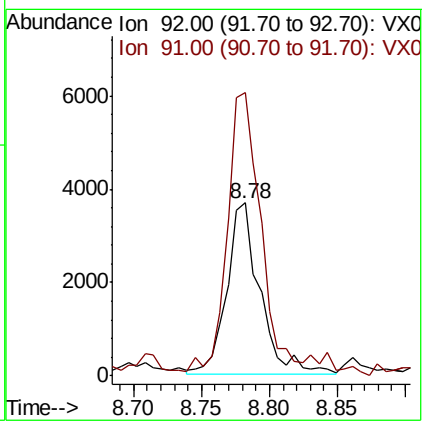


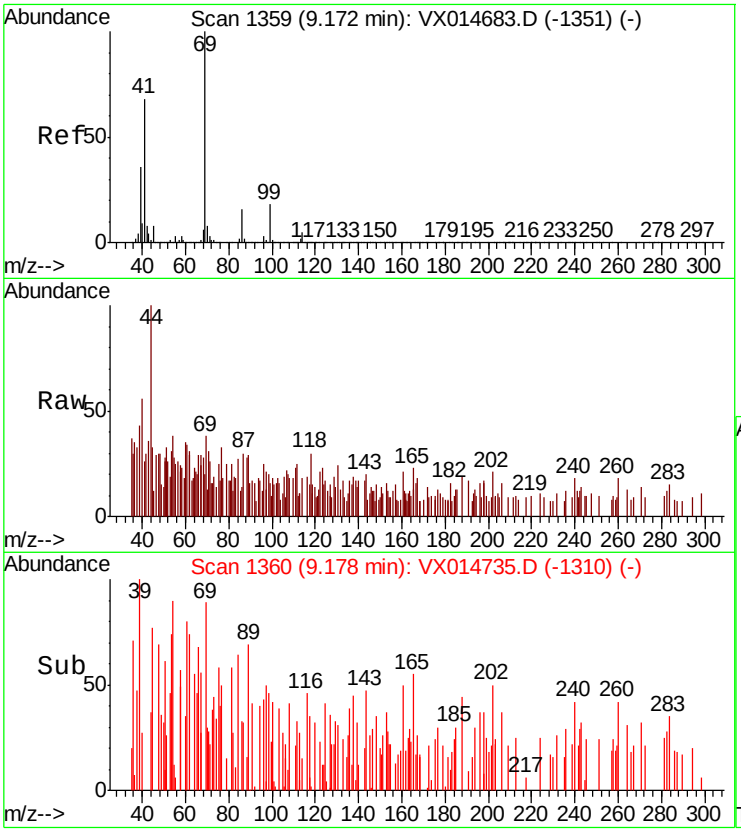


#52
Toluene
Concen: 0.521 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion: 92 Resp: 6257

Ion	Ratio	Lower	Upper
92	100		
91	161.8	135.9	203.9



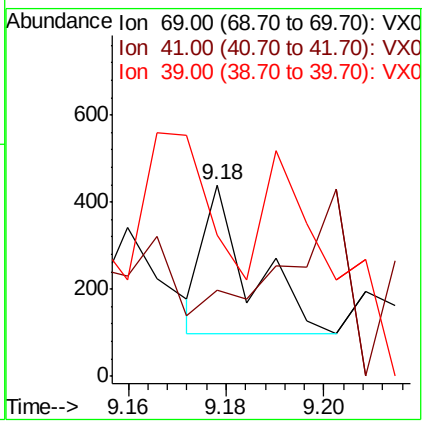


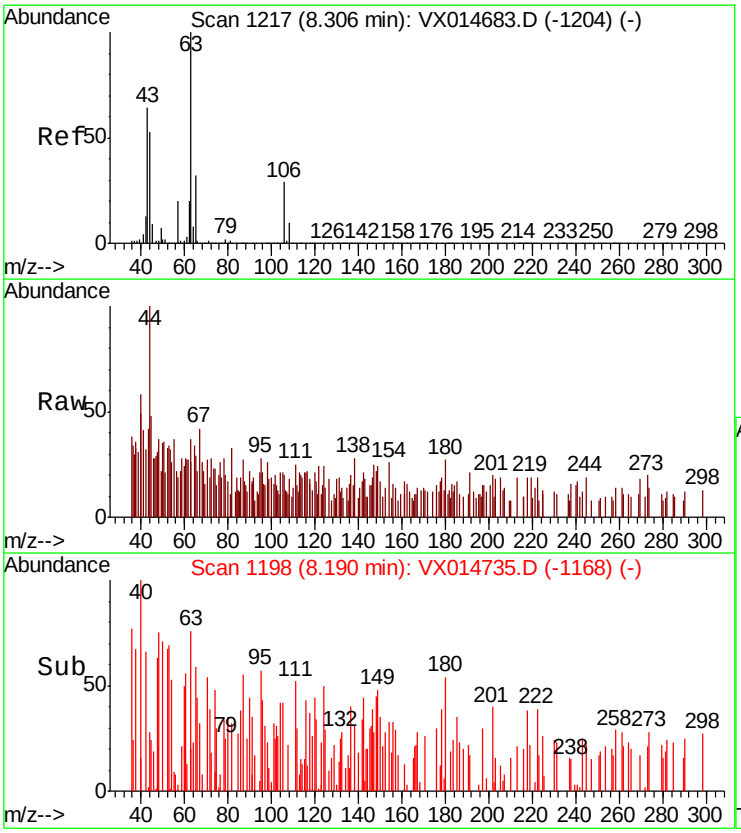
#56
Ethyl methacrylate
Concen: 1.810 ug/l
RT: 9.18 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 222

Ion	Ratio	Lower	Upper
69	100		
41	0.0	54.9	82.3#
39	0.0	29.3	43.9#

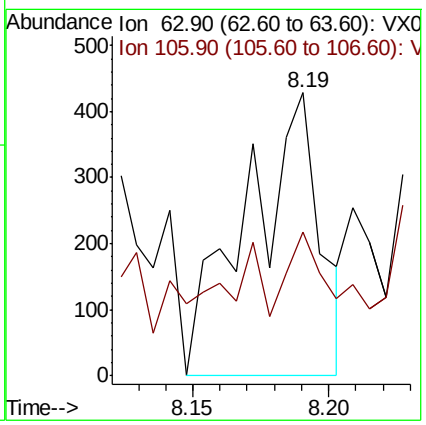


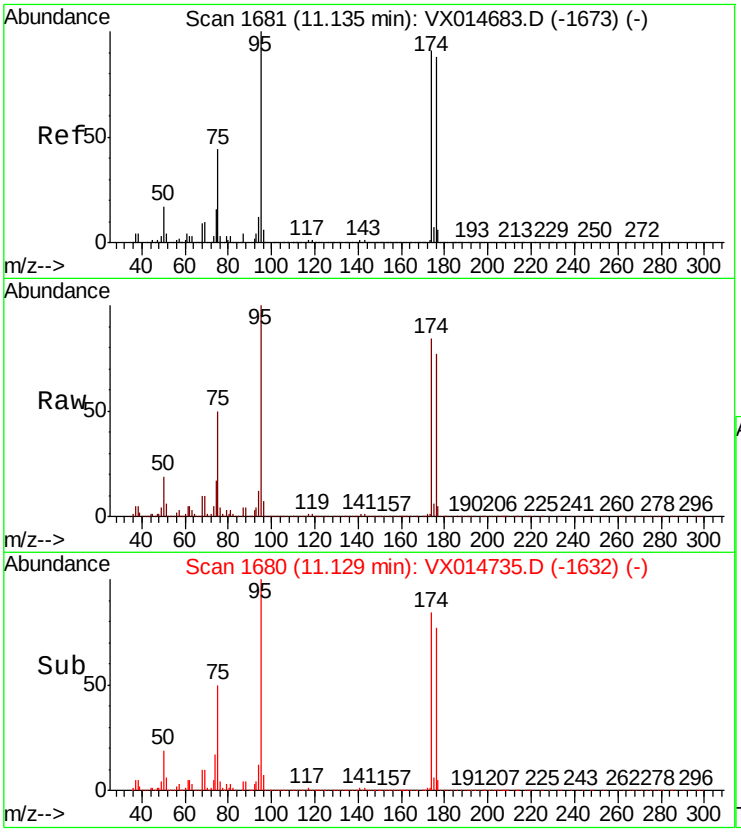


#58
2-Chloroethyl Vinyl ether
Concen: 0.322 ug/l
RT: 8.19 min Scan# 1198
Delta R.T. -0.12 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion: 63 Resp: 797

Ion	Ratio	Lower	Upper
63	100		
106	23.0	22.7	34.1



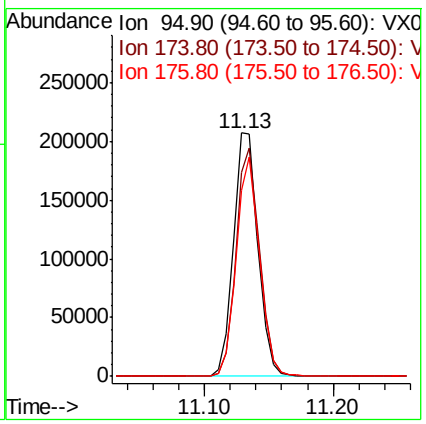


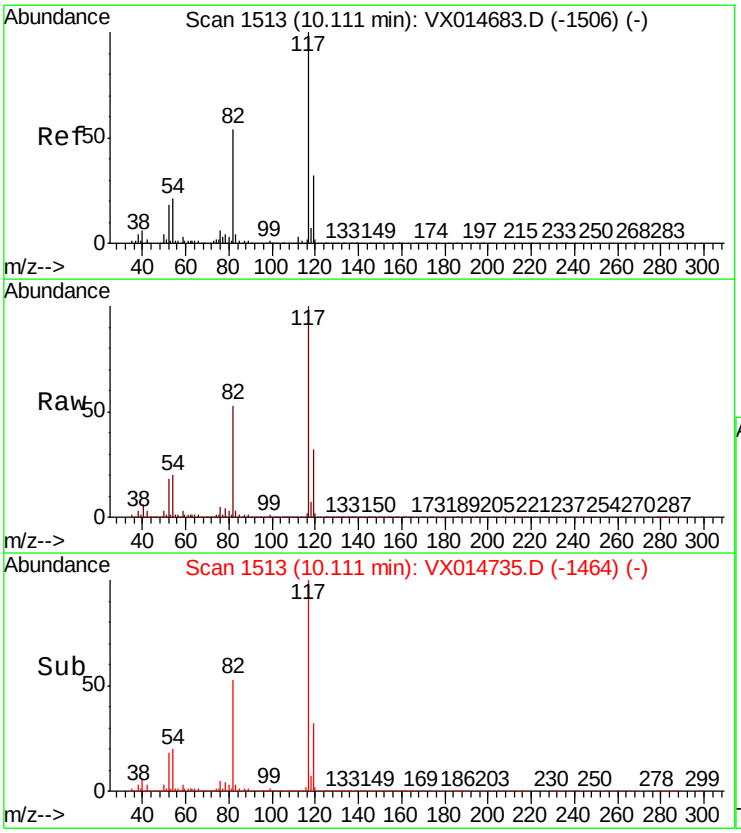
#62
4-Bromofluorobenzene
Concen: 46.715 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 274602

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	176.0
176	85.4	0.0	172.2

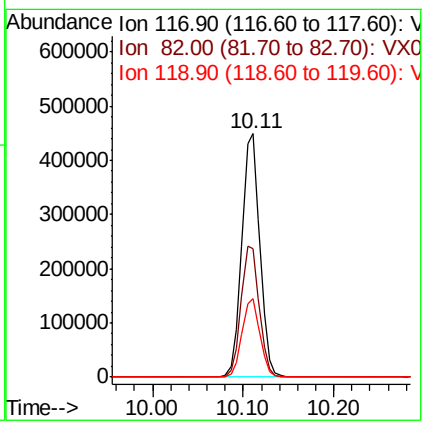


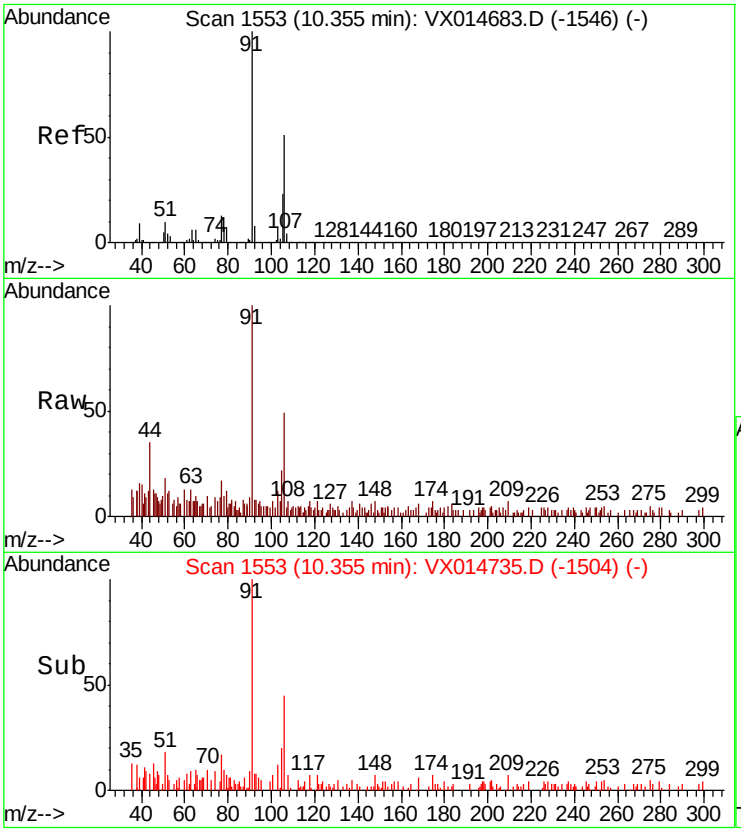


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion:117 Resp: 616980

Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.2	64.8
119	32.0	25.8	38.6



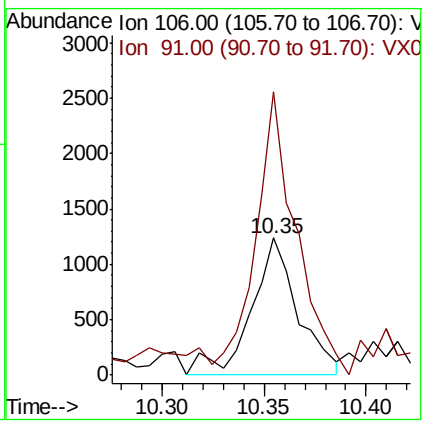


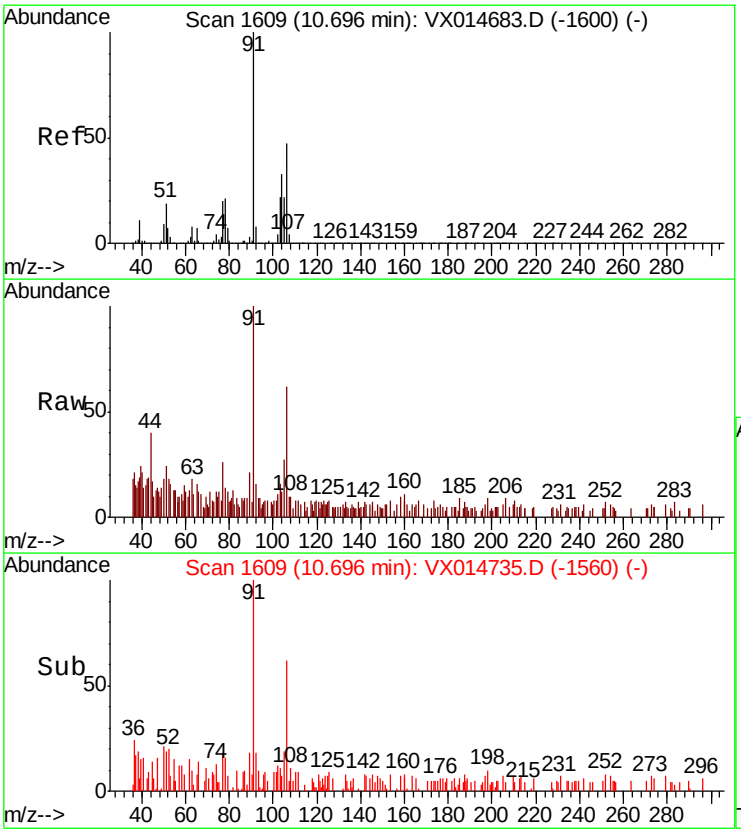
#68
m/p-Xylenes
Concen: 0.231 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 1974

Ion	Ratio	Lower	Upper
106	100		
91	178.9	159.4	239.2

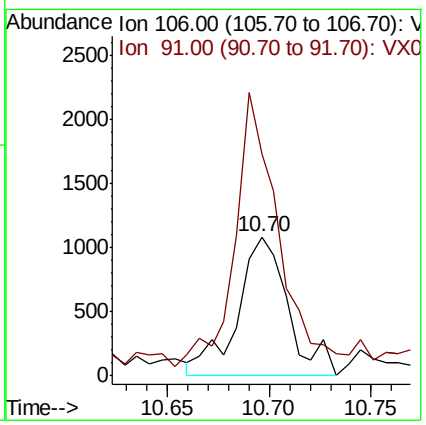


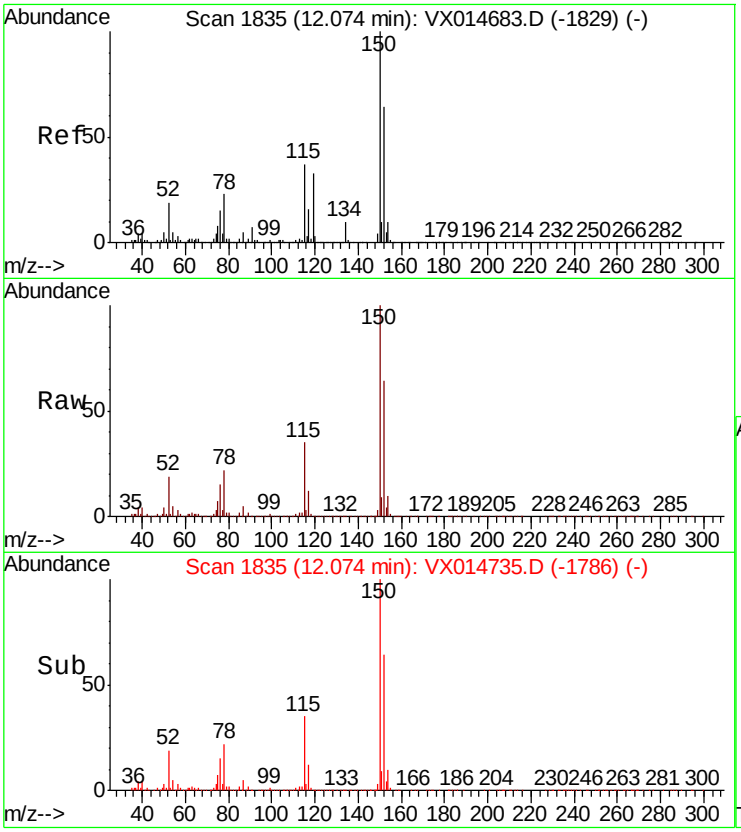


#69
o-Xylene
Concen: 0.227 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion:106 Resp: 1870

Ion	Ratio	Lower	Upper
106	100		
91	169.2	106.2	318.6



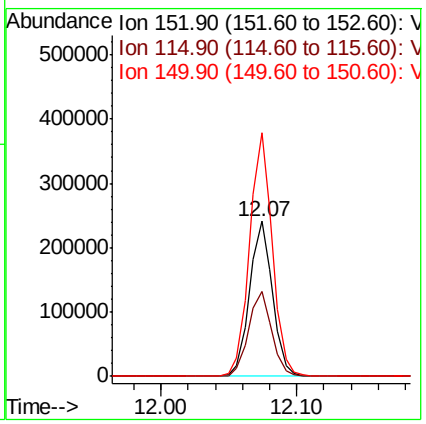


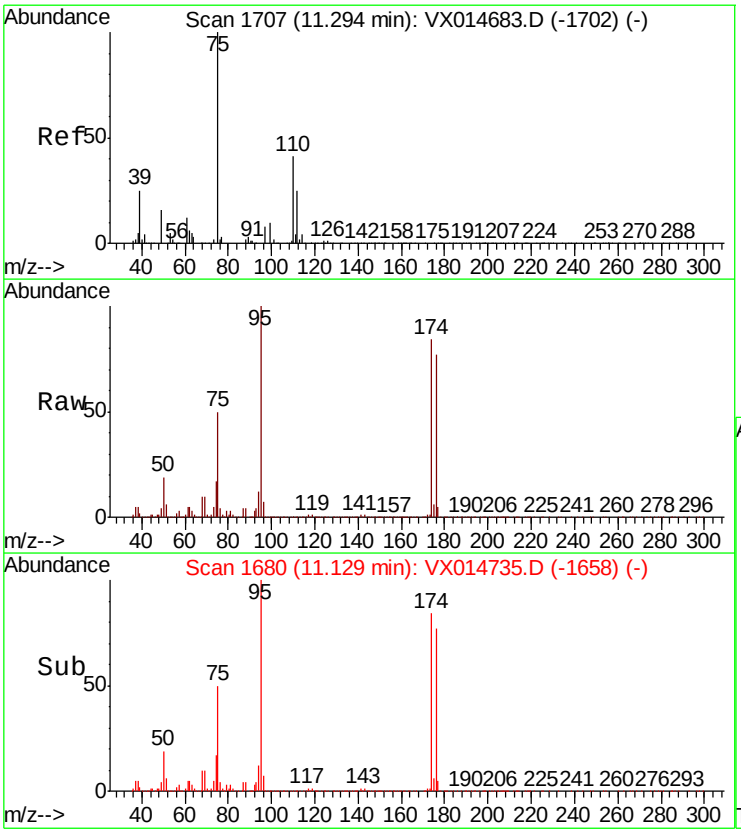
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 284944

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.4	118.1
150	155.8	0.0	351.2

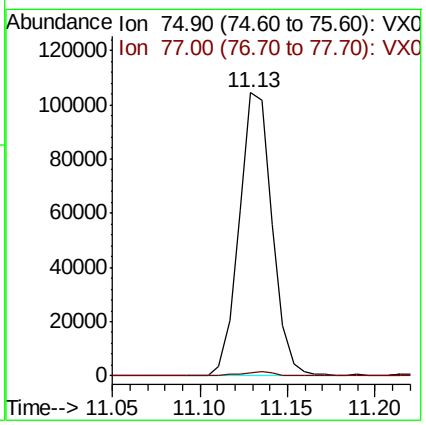


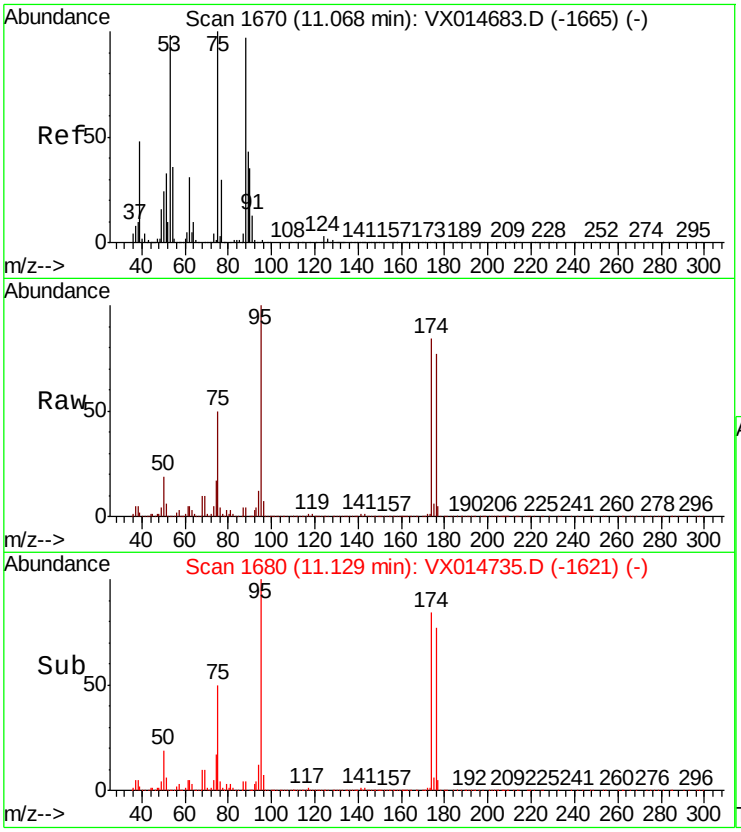


#76
1,2,3-Trichloropropane
Concen: 20.528 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion: 75 Resp: 136089

Ion	Ratio	Lower	Upper
75	100		
77	1.9	18.7	56.1#



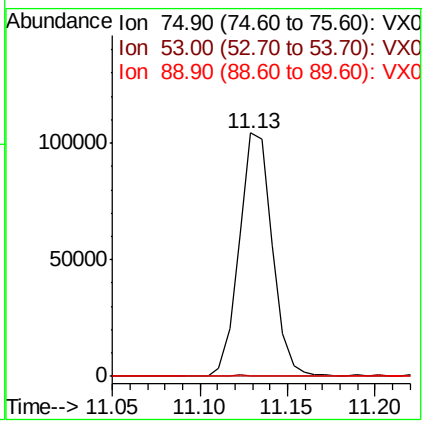


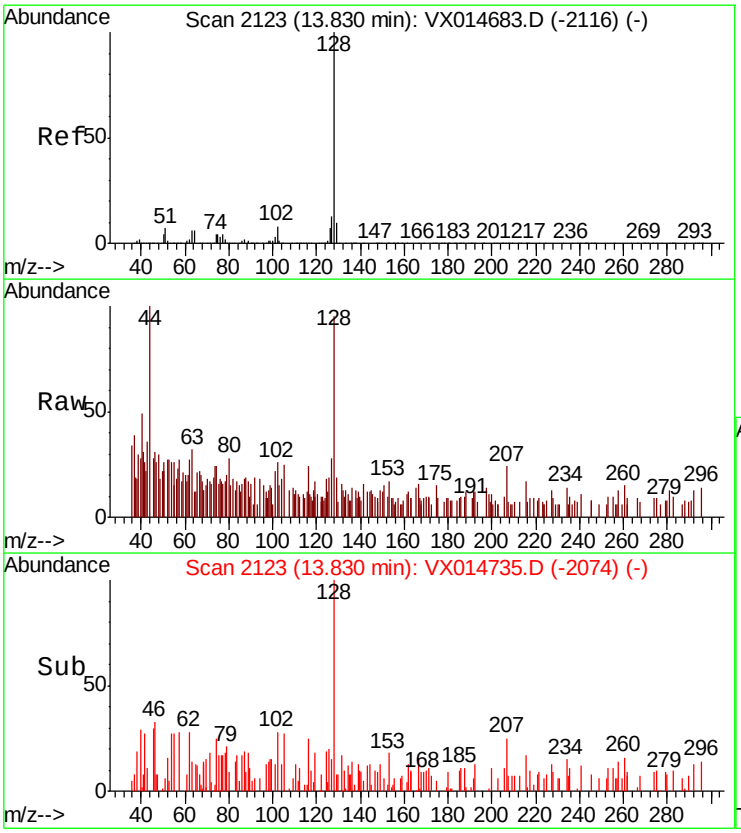
#81
trans-1,4-Dichloro-2-butene
Concen: 58.419 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 136089

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.8	118.2#
89	0.0	35.4	53.0#





#95
Naphthalene
Concen: 0.997 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014735.D
Acq: 27 Jan 2020 18:37

Tgt Ion:128 Resp: 1331

Ion	Ratio	Lower	Upper
128	100		
127	43.6	10.3	15.5#
129	11.2	8.6	12.8