Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018752.D
Acq On : 02 Oct 2020 17:04
Operator : JC/SP
Sample : L4171-12DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 03 05:21:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	191033	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	183017	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	102893	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	52397	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.70	69	43281	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.34	63	100339	3.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.80%			
20) 2-Butanone-d5	4.56	46	155497	53.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.24%			
24) Chloroform-d	5.14	84	131468	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	6.03	65	81420	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	6.05	84	230857	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	7.37	67	67206	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	8.70	98	222210	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
45) trans-1,3-Dichloropropene-	8.99	79	34454	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
48) 2-Hexanone-d5	9.43	63	127783	53.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.80%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	52338	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
65) 1,2-Dichlorobenzene-d4	12.36	152	96500	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.35	96	1326	0.139	ug/L #	1
13) Acetone	2.45	43	3224	2.017	ug/L	98
14) Carbon disulfide	2.55	76	6015	0.202	ug/L	99
15) Methyl Acetate	2.82	43	133588	34.012	ug/L #	48
16) Methylene chloride	2.83	84	6526	0.566	ug/L #	24
19) 1,1-Dichloroethane	3.67	63	1936	0.107	ug/L #	82
21) 2-Butanone	4.65	43	2704	1.162	ug/L	100
22) cis-1,2-Dichloroethene	4.57	96	769	0.073	ug/L #	51
35) Methylcyclohexane	7.44	83	3098	0.193	ug/L #	66
37) 1,2-Dichloropropane	7.37	63	9546	0.994	ug/L #	88
43) 1,3,5-Trimethylbenzene	11.49	105	789807	19.899	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	1278723	31.740	ug/L	99
50) 2-Hexanone	9.48	43	4422	1.095	ug/L #	85
54) Ethylbenzene	10.24	91	5231	0.111	ug/L	89
56) o-xylene	10.68	106	899	0.053	ug/L	91
58) Isopropylbenzene	11.00	105	37238	0.785	ug/L	99
66) 1,2-Dichlorobenzene	12.37	146	1816	0.078	ug/L #	69

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018752.D
Acq On : 02 Oct 2020 17:04
Operator : JC/SP
Sample : L4171-12DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 03 05:21:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) 1,2-Dibromo-3-chloropropan	13.00	75	16295	8.188	ug/L	#	7
68) 1,3,5-Trichlorobenzene	13.15	180	1252	0.065	ug/L	#	84
69) 1,2,4-trichlorobenzene	13.63	180	276767	17.318	ug/L		99
70) Naphthalene	13.82	128	5394	0.206	ug/L	#	84
71) 1,2,3-Trichlorobenzene	14.00	180	61930	4.307	ug/L	#	90

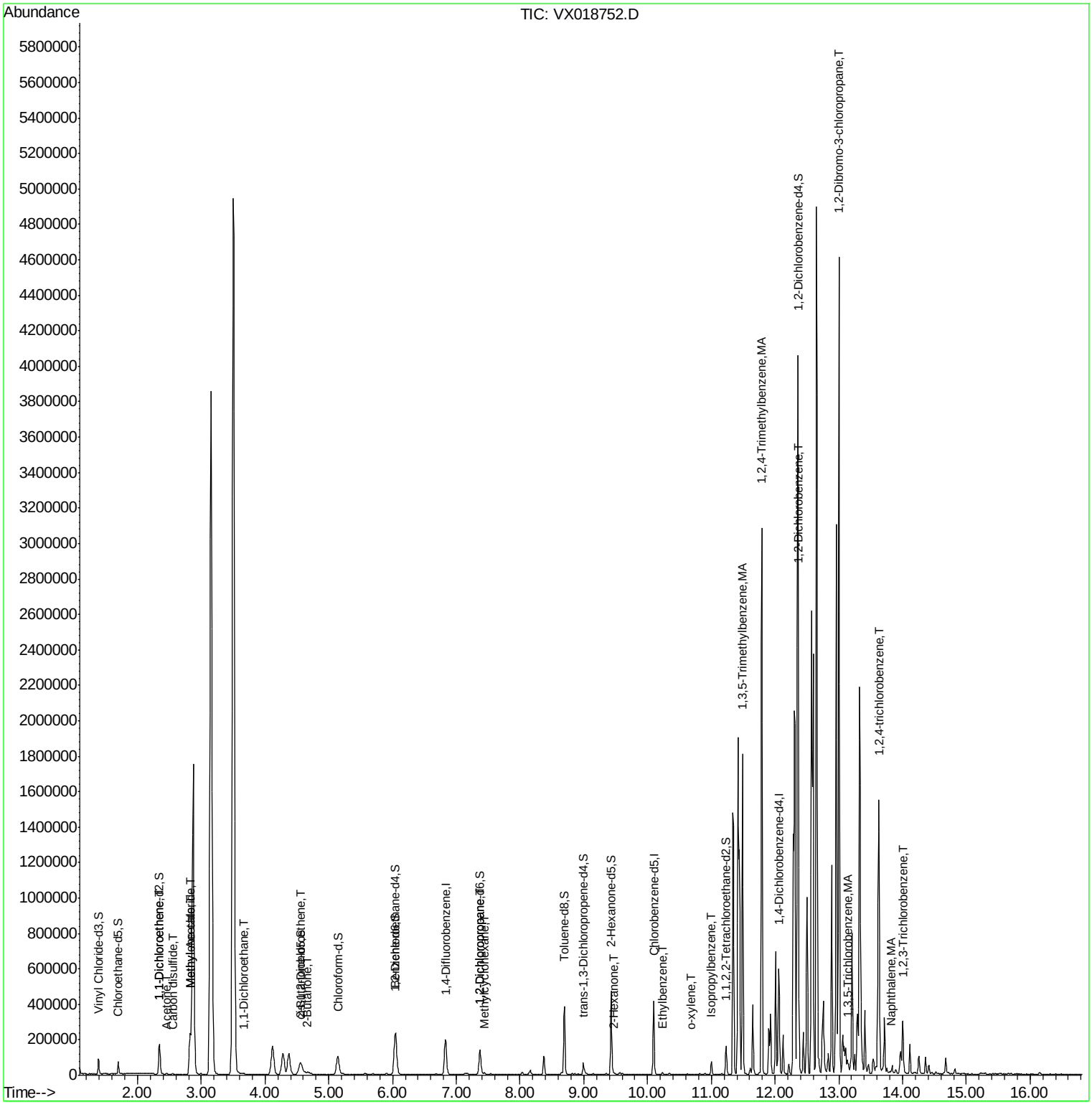
(#) = qualifier out of range (m) = manual integration (+) = signals summed

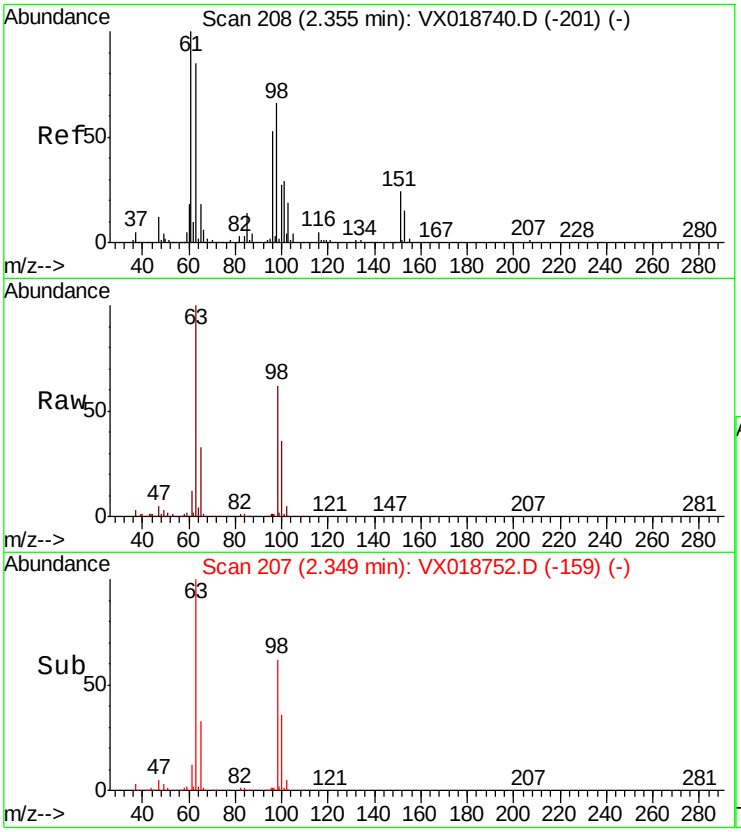
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018752.D
Acq On : 02 Oct 2020 17:04
Operator : JC/SP
Sample : L4171-12DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 03 05:21:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration



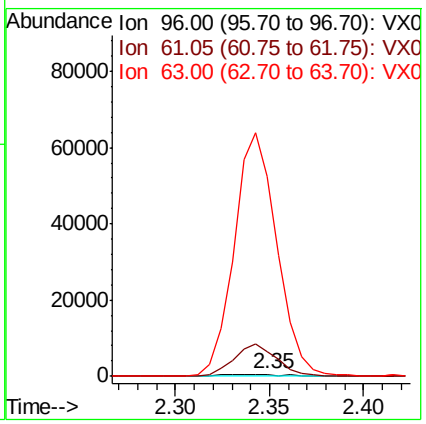


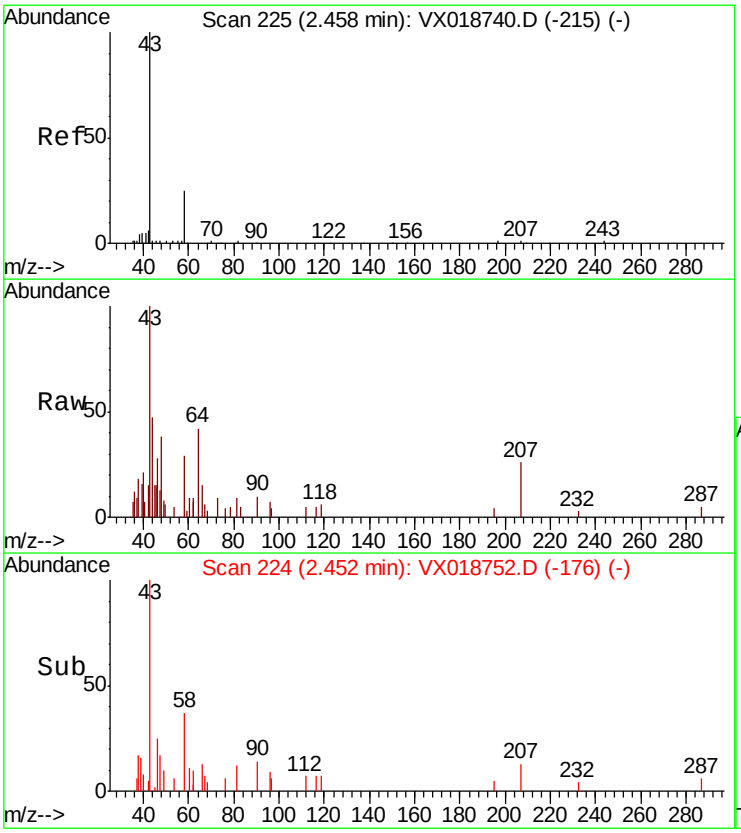
#12
1,1-Dichloroethene
Concen: 0.139 ug/L
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1326

Ion	Ratio	Lower	Upper
96	100		
61	1032.9	133.2	247.4#
63	8535.5	115.1	213.7#

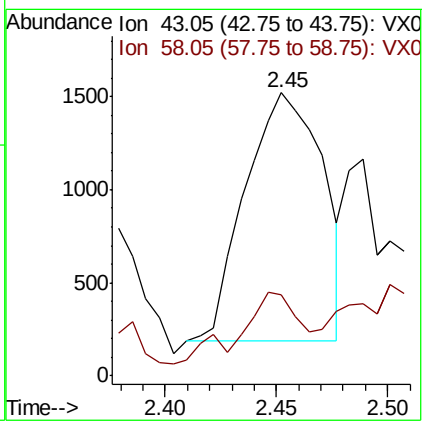


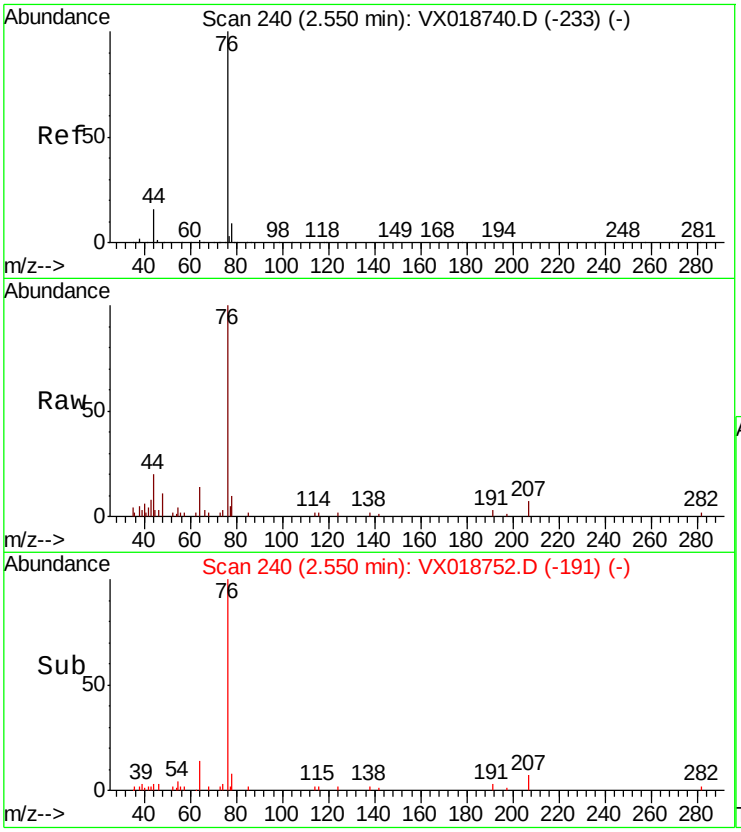


#13
Acetone
Concen: 2.017 ug/L
RT: 2.45 min Scan# 224
Delta R.T. -0.01 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion: 43 Resp: 3224

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	56.4



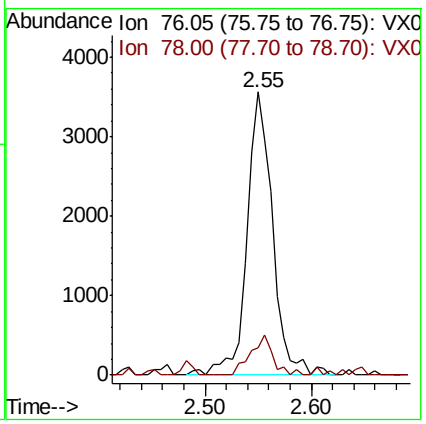


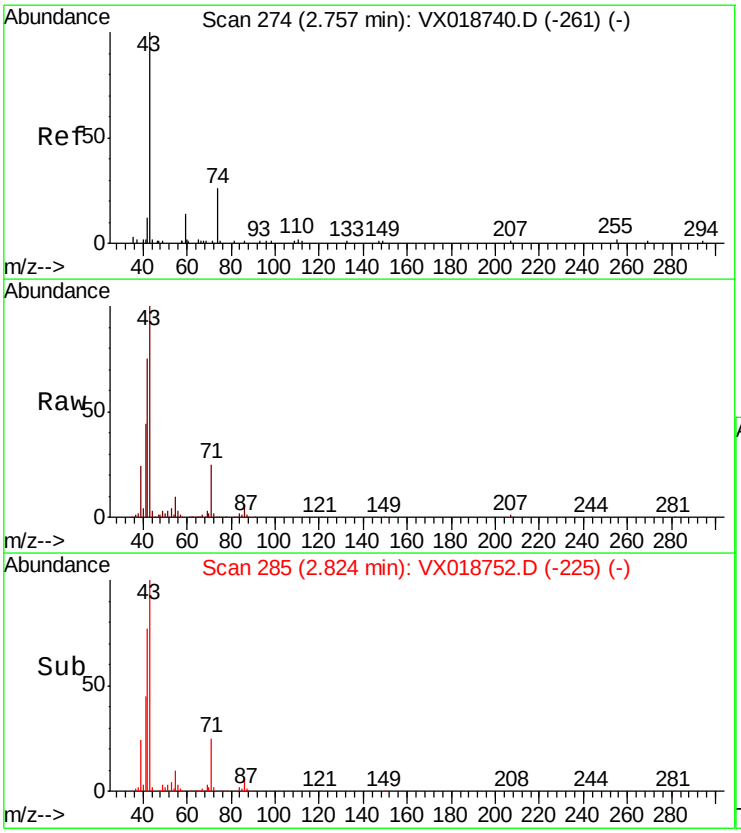
#14
Carbon disulfide
Concen: 0.202 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 6015

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.2

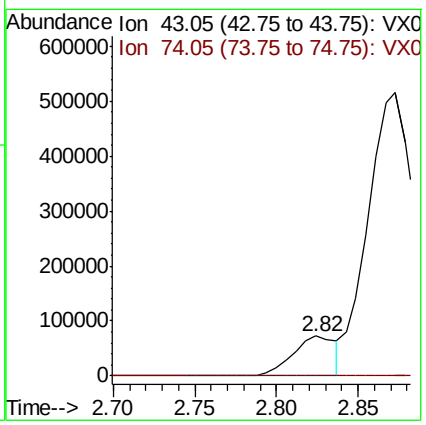


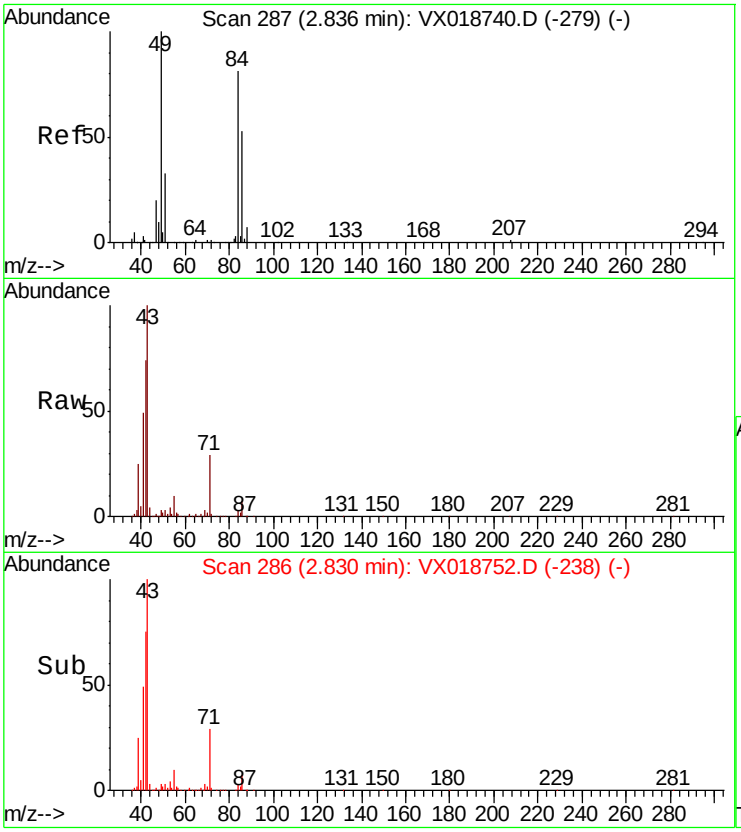


#15
Methyl Acetate
Concen: 34.012 ug/L
RT: 2.82 min Scan# 285
Delta R.T. 0.07 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion: 43 Resp: 133588

Ion	Ratio	Lower	Upper
43	100		
74	0.1	21.9	32.9#



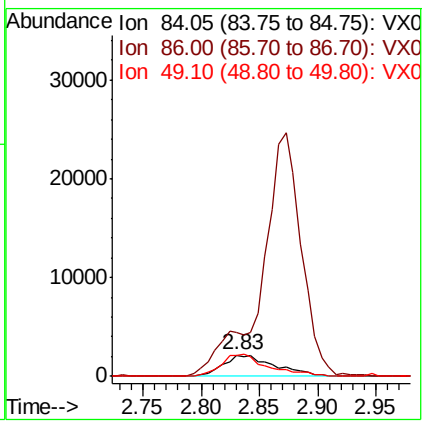


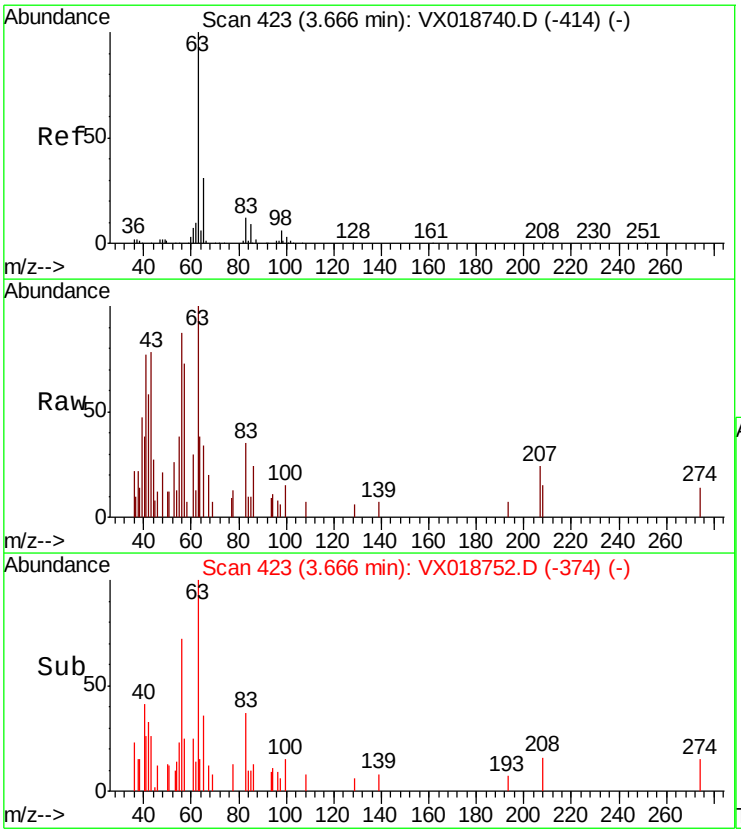
#16
Methylene chloride
Concen: 0.566 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 6526

Ion	Ratio	Lower	Upper
84	100		
86	203.9	45.6	84.8#
49	97.2	85.8	159.3

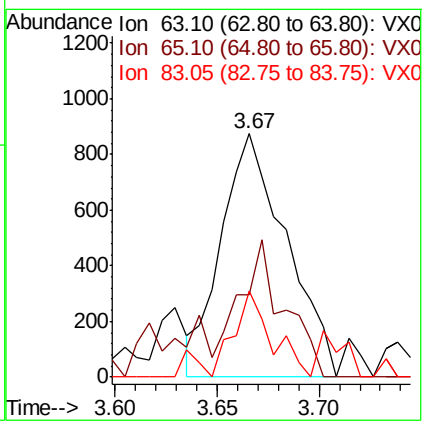


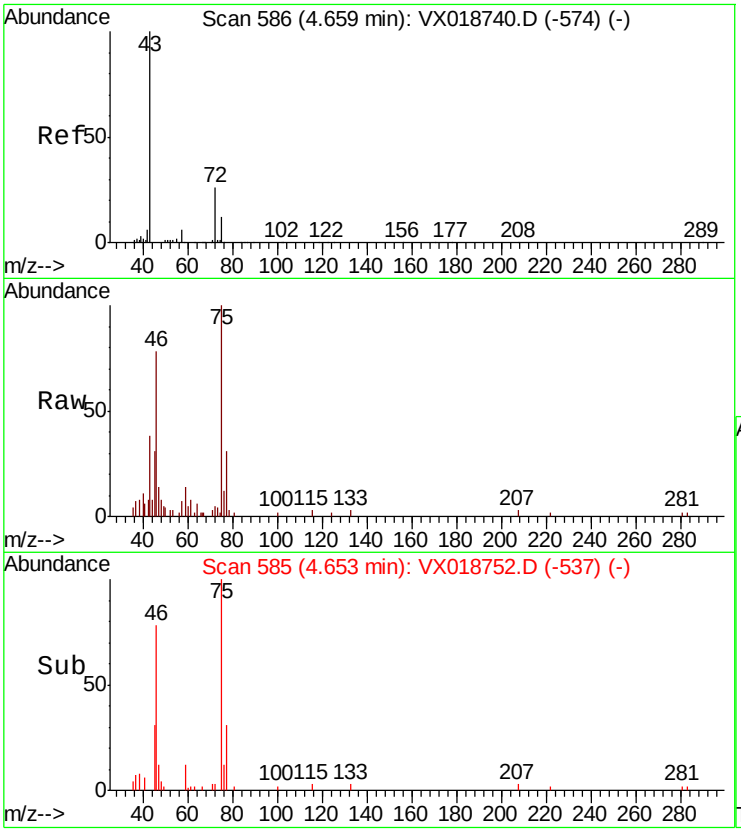


#19
1,1-Dichloroethane
Concen: 0.107 ug/L
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion: 63 Resp: 1936

Ion	Ratio	Lower	Upper
63	100		
65	24.7	21.6	40.2
83	25.5	8.7	16.1#



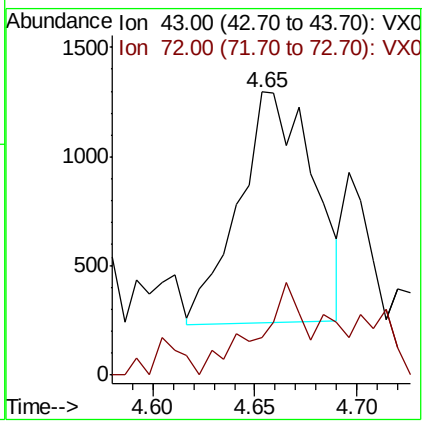


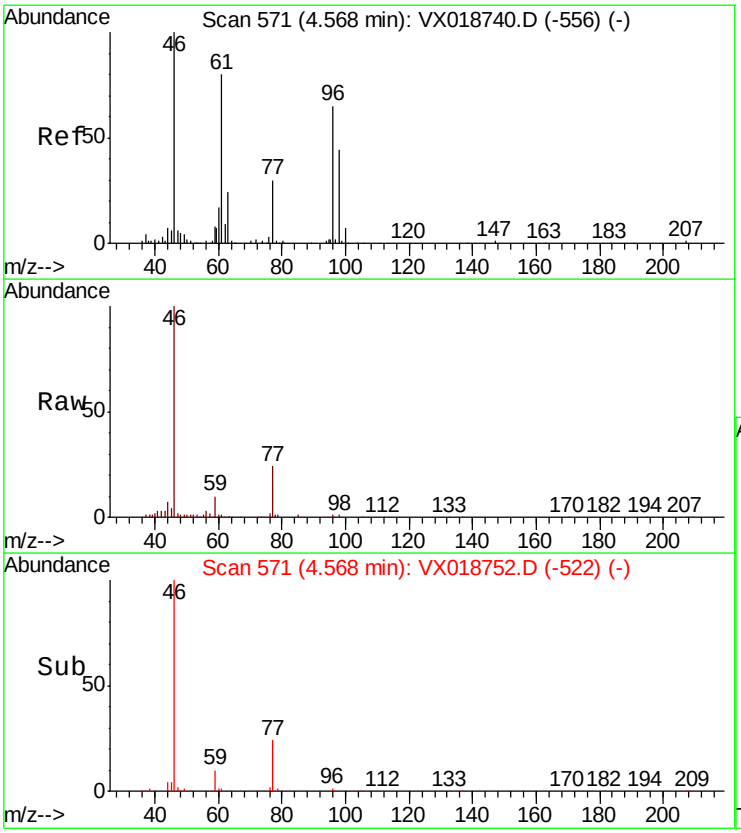
#21
2-Butanone
Concen: 1.162 ug/L
RT: 4.65 min Scan# 585
Delta R.T. -0.01 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2704

Ion	Ratio	Lower	Upper
43	100		
72	24.6	12.4	37.2

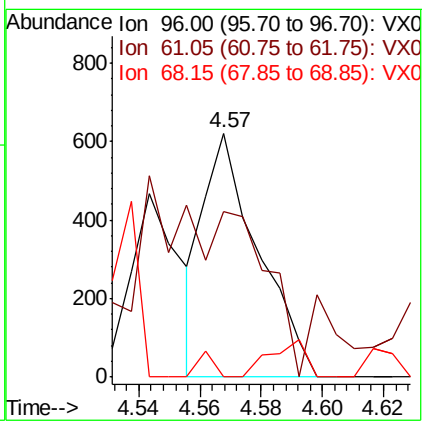


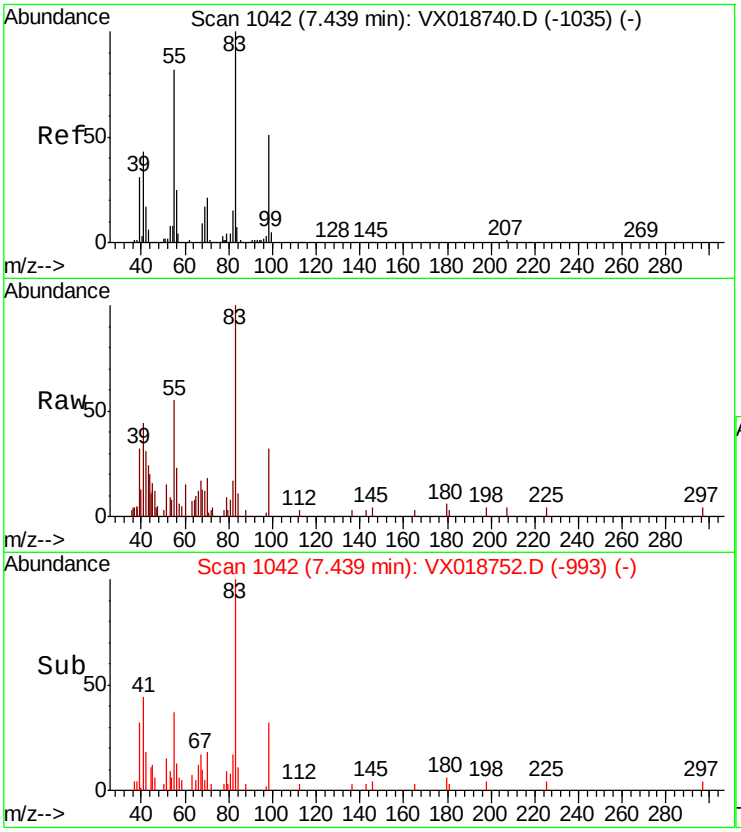


#22
cis-1,2-Dichloroethene
Concen: 0.073 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion: 96 Resp: 769

Ion	Ratio	Lower	Upper
96	100		
61	68.0	86.2	160.0#
68	0.0	0.3	0.7#



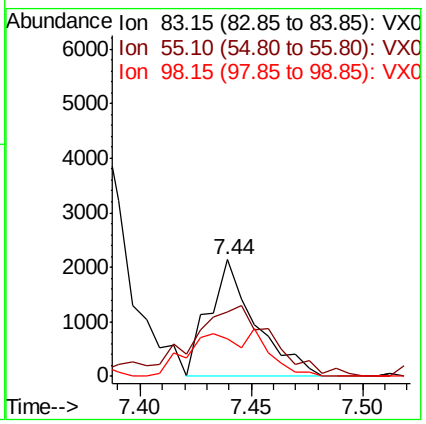


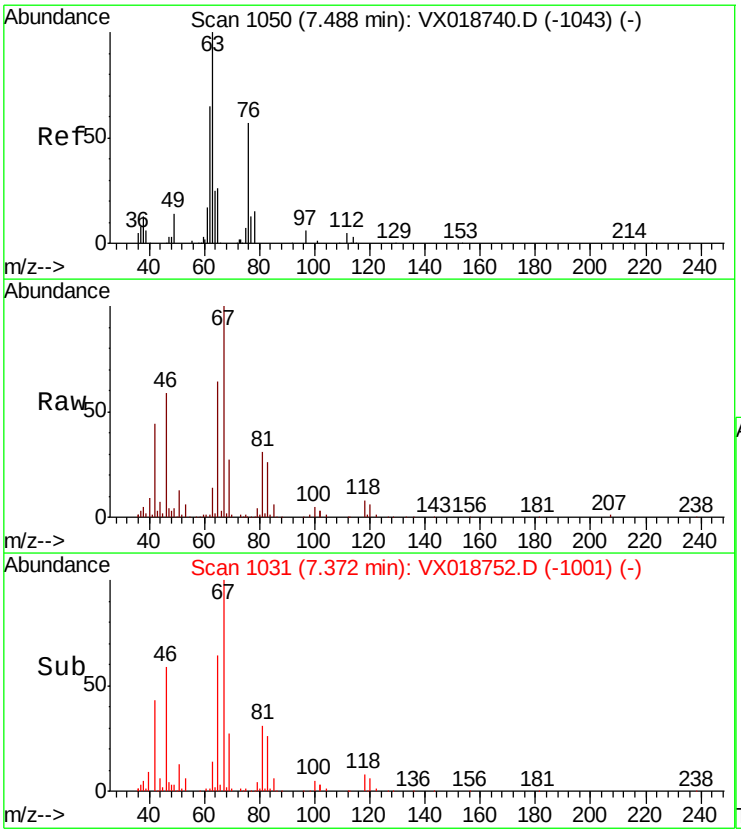
#35
Methylcyclohexane
Concen: 0.193 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 3098

Ion	Ratio	Lower	Upper
83	100		
55	113.4	60.3	90.5#
98	61.9	39.4	59.0#

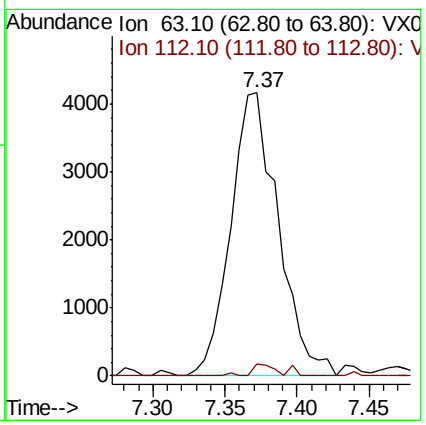


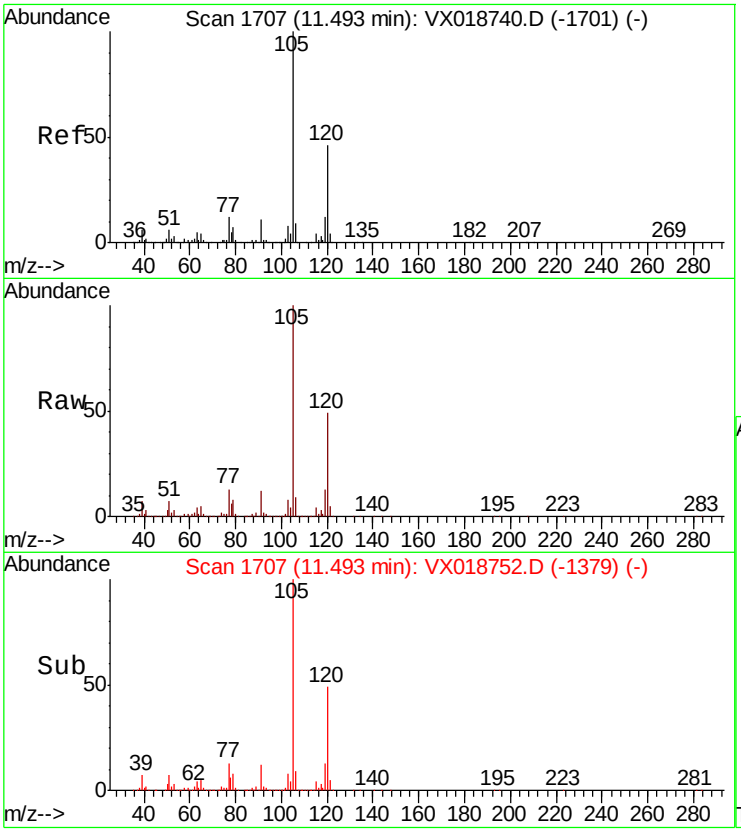


#37
1,2-Dichloropropane
Concen: 0.994 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion: 63 Resp: 9546

Ion	Ratio	Lower	Upper
63	100		
112	1.8	4.7	7.1#



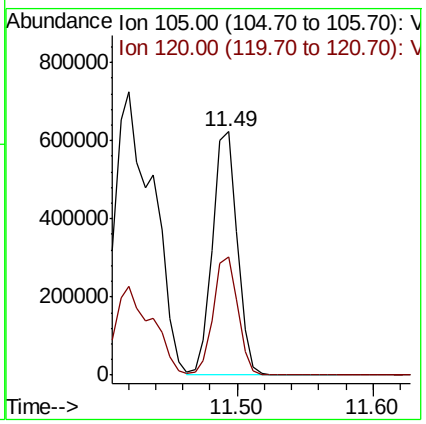


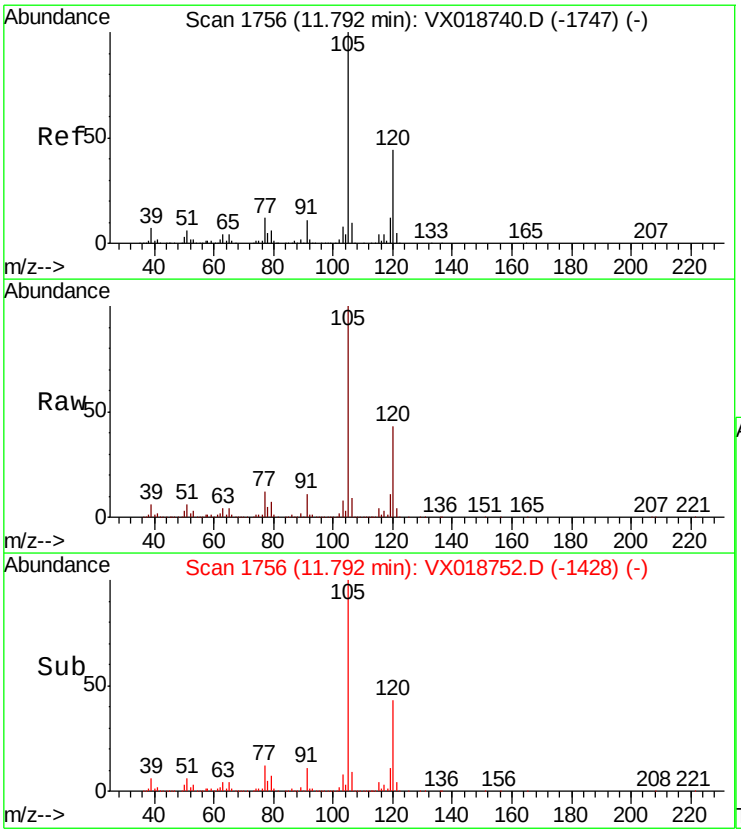
#43
1,3,5-Trimethylbenzene
Concen: 19.899 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 789807

Ion	Ratio	Lower	Upper
105	100		
120	48.3	37.7	56.5

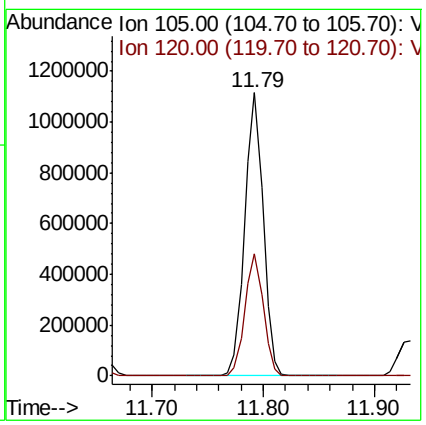


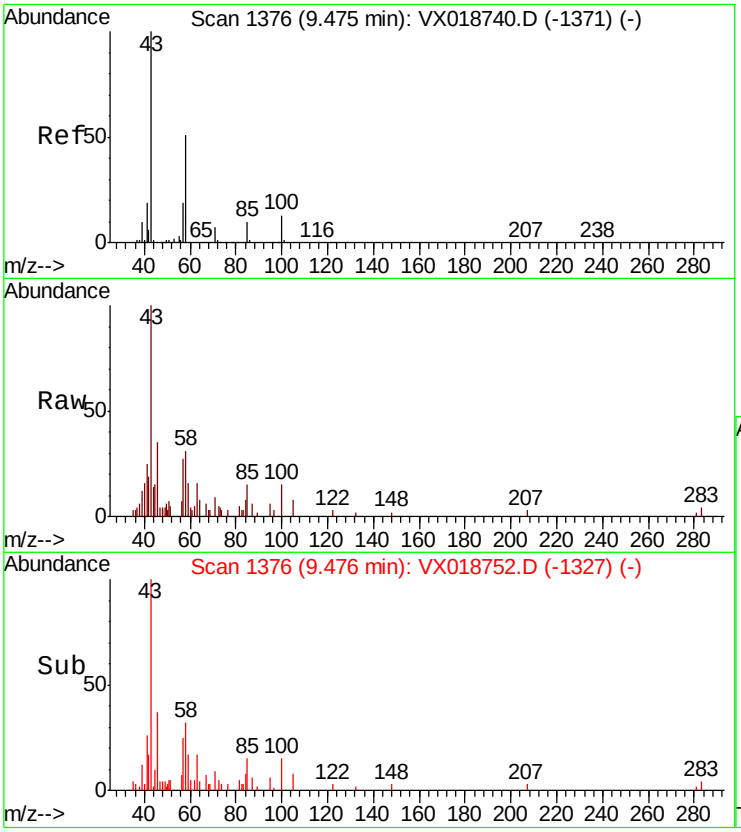


#44
1,2,4-Trimethylbenzene
Concen: 31.740 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion:105 Resp: 1278723

Ion	Ratio	Lower	Upper
105	100		
120	43.2	35.1	52.7



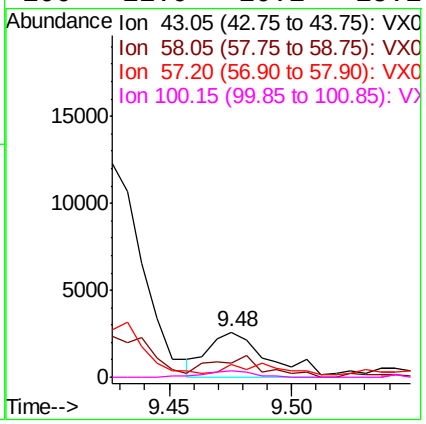


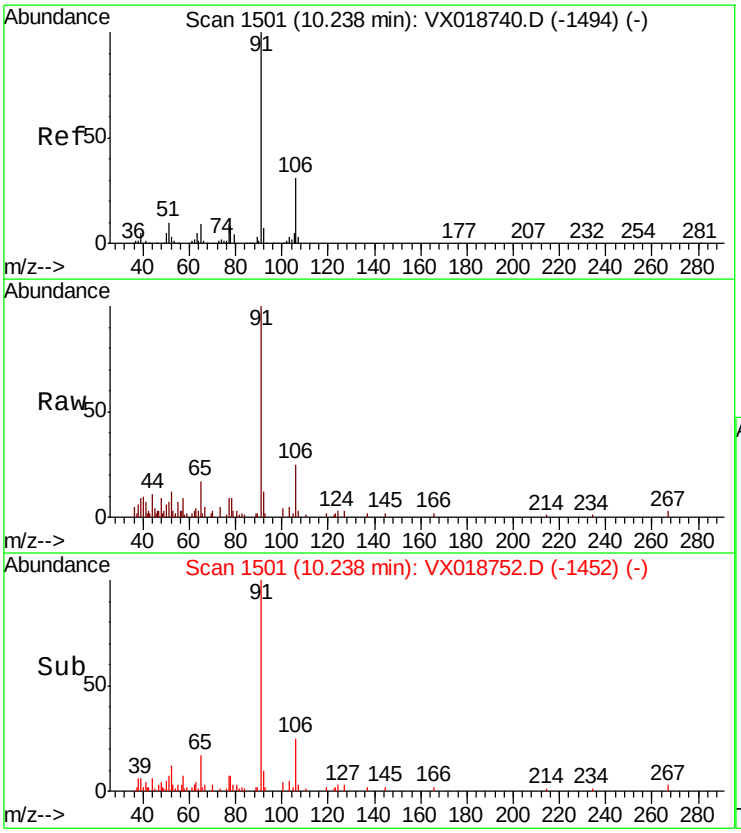
#50
2-Hexanone
Concen: 1.095 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4422

Ion	Ratio	Lower	Upper
43	100		
58	40.7	41.0	61.4#
57	29.6	15.9	23.9#
100	11.9	10.1	15.1

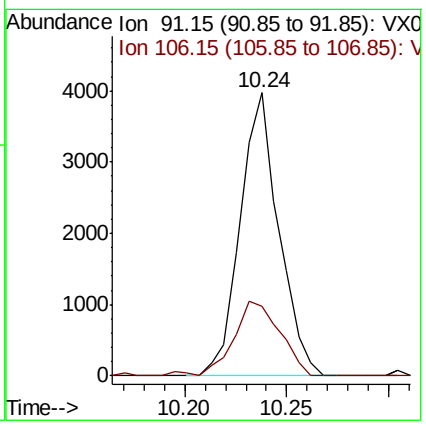


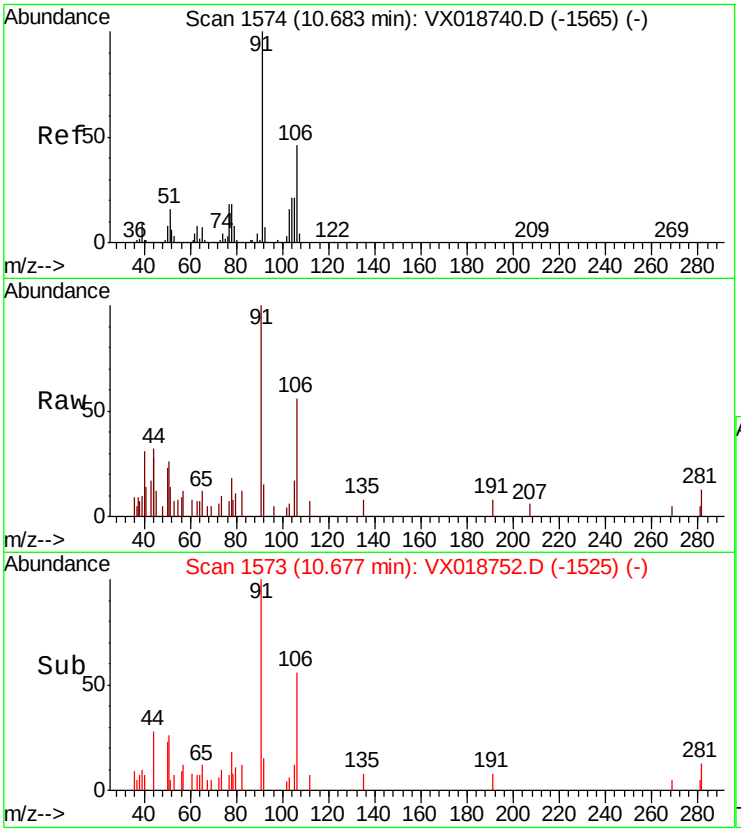


#54
Ethylbenzene
Concen: 0.111 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion: 91 Resp: 5231

Ion	Ratio	Lower	Upper
91	100		
106	24.5	21.5	39.9



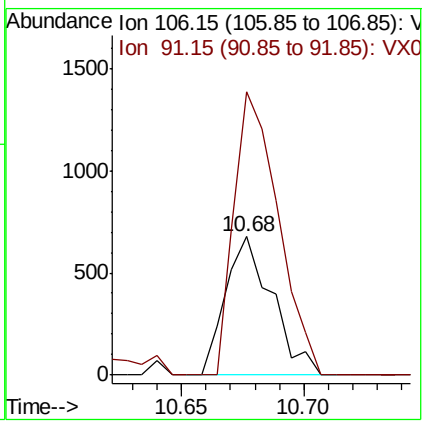


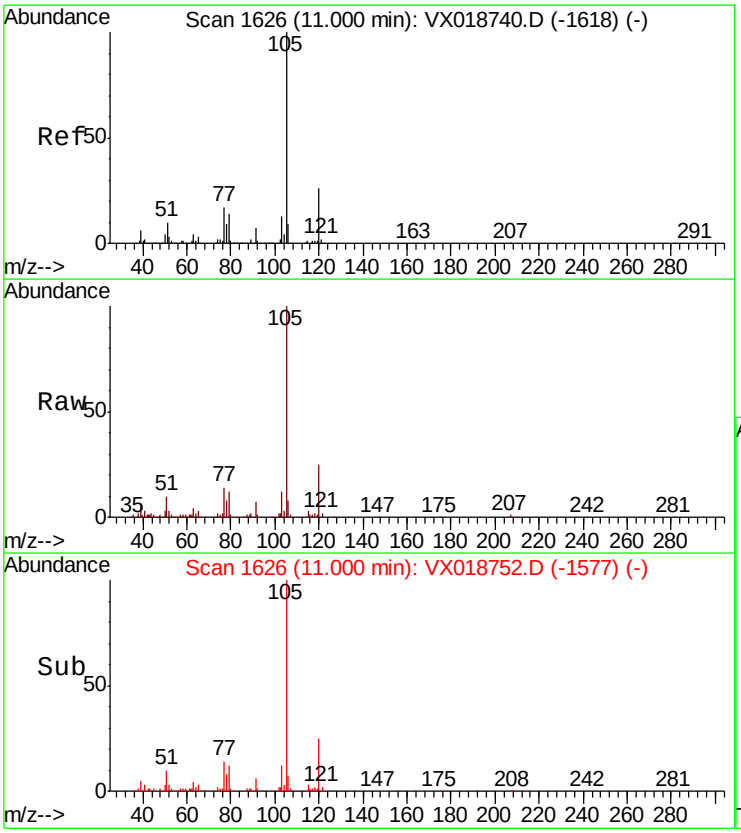
#56
o-xylene
Concen: 0.053 ug/L
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 899

Ion	Ratio	Lower	Upper
106	100		
91	204.9	153.4	284.8

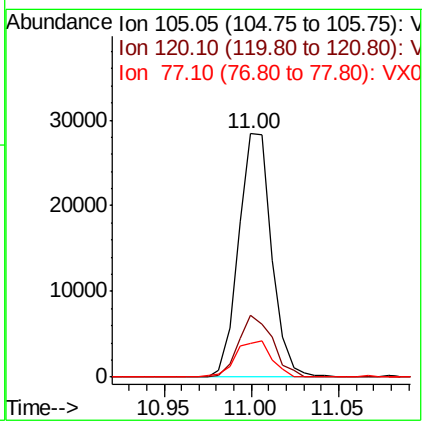


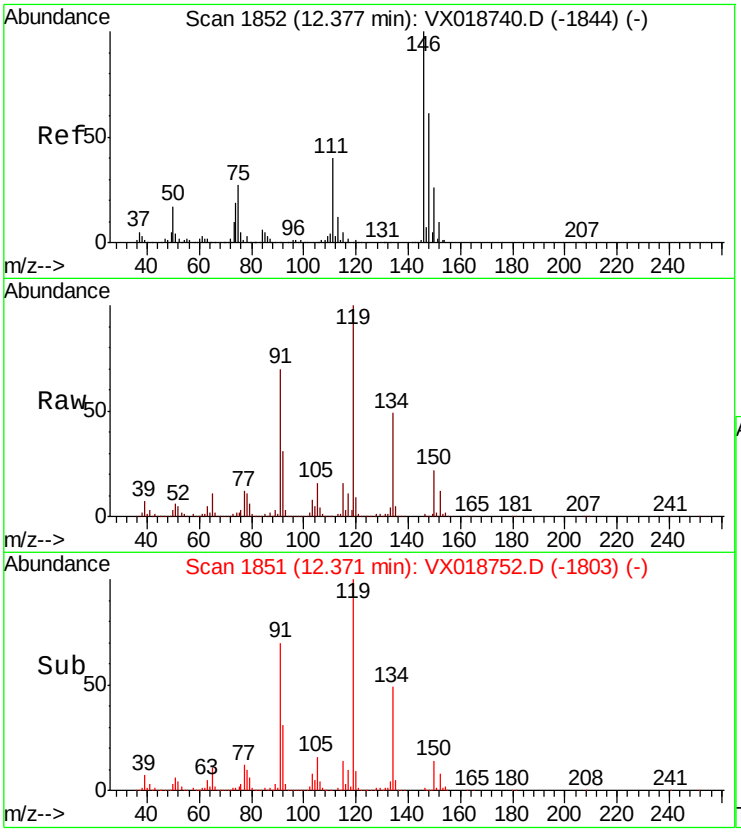


#58
Isopropylbenzene
Concen: 0.785 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion:105 Resp: 37238

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.2	30.2
77	16.3	13.3	19.9



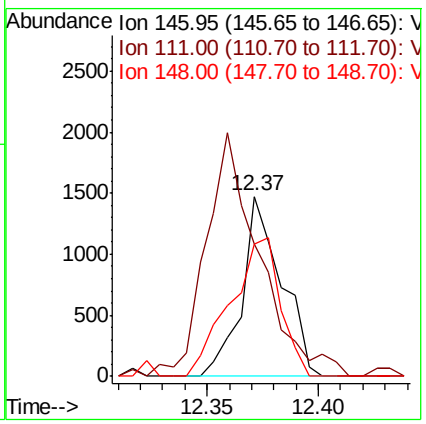


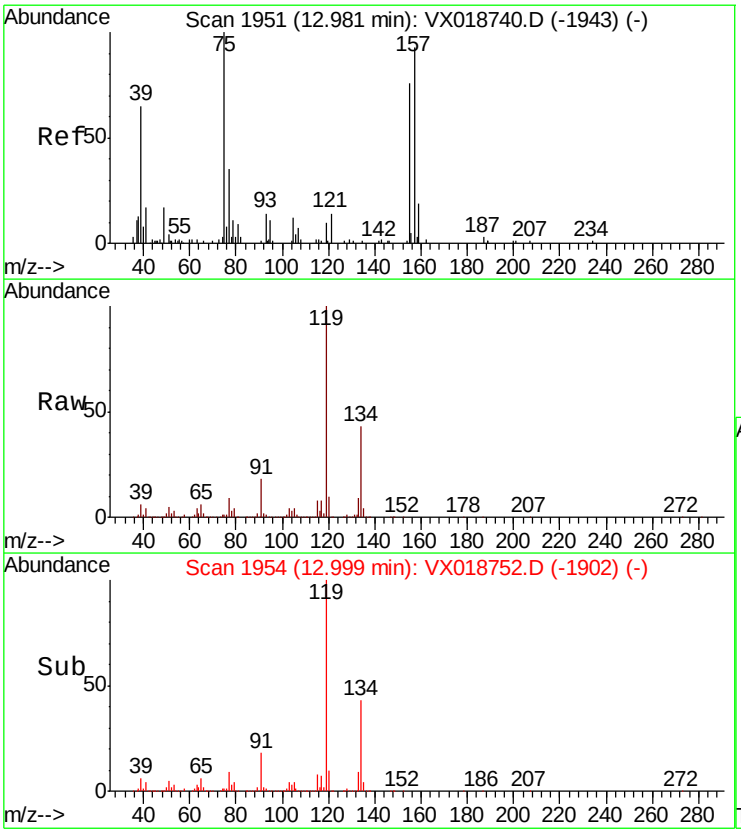
#66
1,2-Dichlorobenzene
Concen: 0.078 ug/L
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 1816

Ion	Ratio	Lower	Upper
146	100		
111	73.7	31.7	47.5#
148	73.5	49.0	73.6

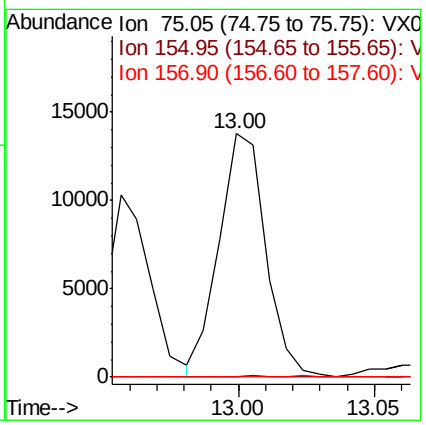


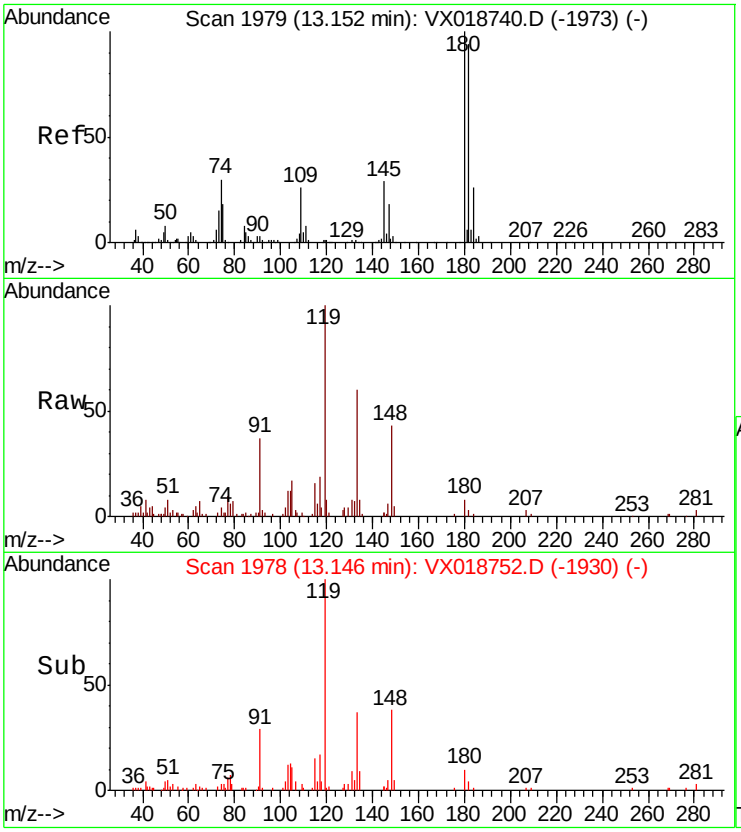


#67
1,2-Dibromo-3-chloropropane
Concen: 8.188 ug/L
RT: 13.00 min Scan# 1954
Delta R.T. 0.02 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion: 75 Resp: 16295

Ion	Ratio	Lower	Upper
75	100		
155	0.0	61.1	91.7#
157	0.0	74.2	111.2#



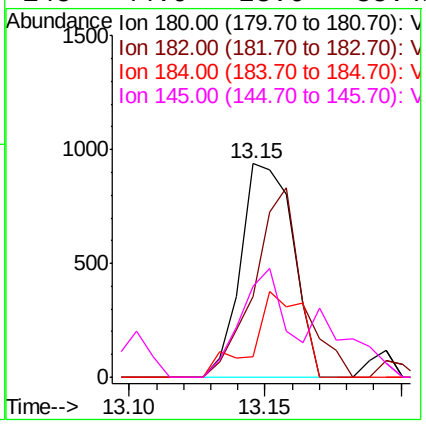


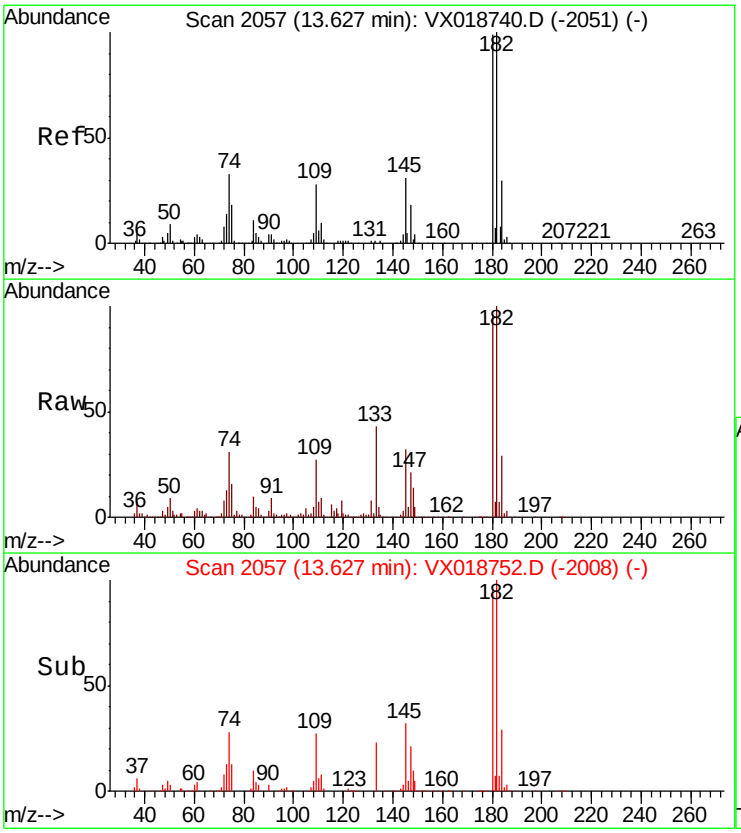
#68
1,3,5-Trichlorobenzene
Concen: 0.065 ug/L
RT: 13.15 min Scan# 1978
Delta R.T. -0.01 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1252

Ion	Ratio	Lower	Upper
180	100		
182	81.9	74.1	111.1
184	37.9	23.4	35.2#
145	44.9	23.6	35.4#

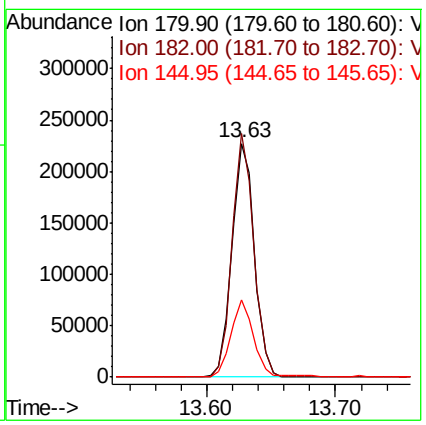


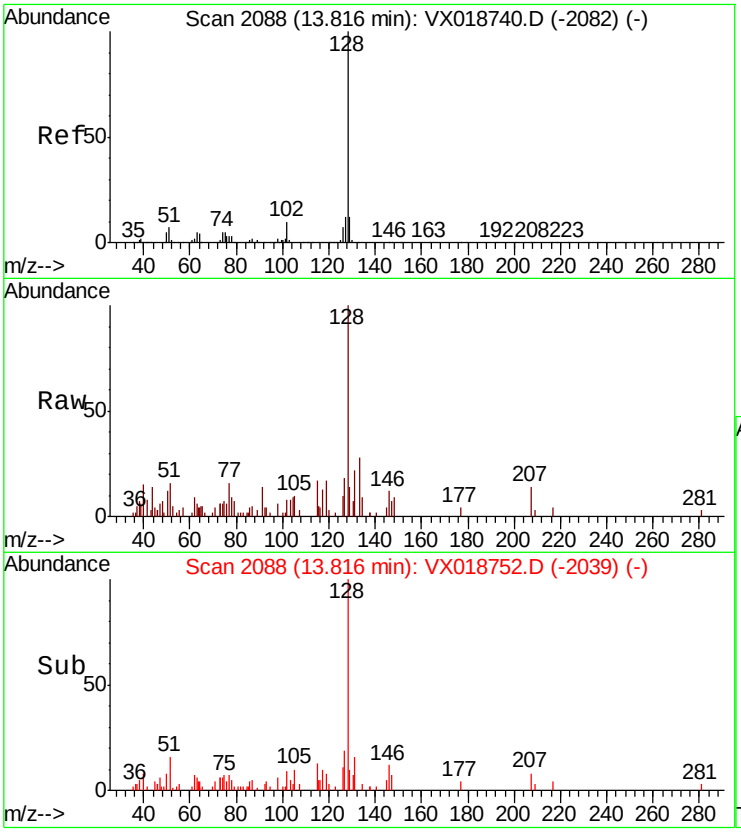


#69
1,2,4-trichlorobenzene
Concen: 17.318 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion:180 Resp: 276767

Ion	Ratio	Lower	Upper
180	100		
182	100.7	80.2	120.4
145	34.2	25.2	37.8



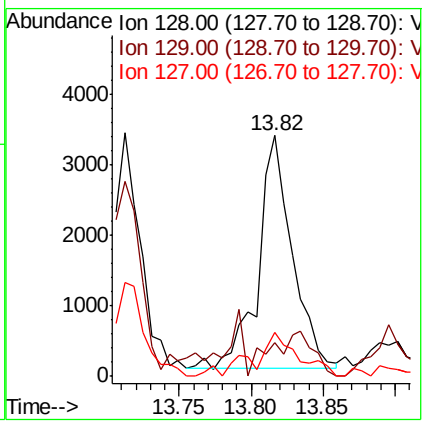


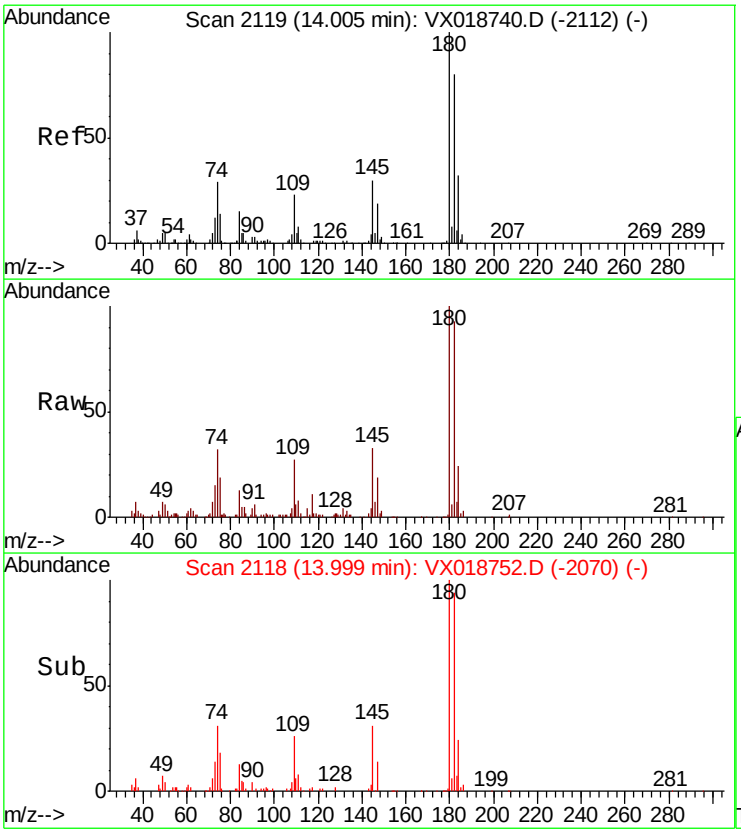
#70
Naphthalene
Concen: 0.206 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 5394

Ion	Ratio	Lower	Upper
128	100		
129	19.2	9.0	13.4#
127	17.7	10.5	15.7#





#71
1,2,3-Trichlorobenzene
Concen: 4.307 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018752.D
Acq: 02 Oct 2020 17:04

Tgt Ion:180 Resp: 61930

Ion	Ratio	Lower	Upper
180	100		
182	100.8	73.6	110.4
145	40.7	26.6	40.0#