Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018782.D
Acq On : 05 Oct 2020 22:35
Operator : JC/SP
Sample : L4240-03 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

Quant Time: Oct 06 06:06:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 05:58:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	130844	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	127636	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	61388	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	40702	5.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.40%			
7) Chloroethane-d5	1.70	69	34468	5.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.20%			
11) 1,1-Dichloroethene-d2	2.34	63	71753	4.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.20%			
20) 2-Butanone-d5	4.56	46	137262	68.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 136.94%#			
24) Chloroform-d	5.14	84	99648	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.80%			
26) 1,2-Dichloroethane-d4	6.03	65	58187	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	6.04	84	184882	5.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.60%			
36) 1,2-Dichloropropane-d6	7.37	67	57378	6.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 125.20%			
41) Toluene-d8	8.70	98	170394	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.00%			
45) trans-1,3-Dichloropropene-	8.99	79	25766	5.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.40%			
48) 2-Hexanone-d5	9.43	63	112858	68.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 136.52%#			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	45208	6.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 121.20%#			
65) 1,2-Dichlorobenzene-d4	12.36	152	72422	6.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 128.00%#			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	515	0.081	ug/L #	50
5) Vinyl chloride	1.39	62	489	0.069	ug/L #	1
8) Chloroethane	1.47	64	50714	11.843	ug/L #	53
14) Carbon disulfide	2.63	76	16275	0.798	ug/L	95
15) Methyl Acetate	2.82	43	34952	12.993	ug/L #	48
16) Methylene chloride	2.84	84	4434	0.561	ug/L #	66
19) 1,1-Dichloroethane	3.50	63	2620	0.211	ug/L #	24
27) 1,2-Dichloroethane	6.04	62	1617	0.157	ug/L	97
30) Cyclohexane	5.55	56	13556	1.294	ug/L	93
33) Benzene	6.11	78	2427	0.091	ug/L	100
35) Methylcyclohexane	7.43	83	1914	0.171	ug/L #	81
37) 1,2-Dichloropropane	7.37	63	6961	1.040	ug/L #	84
39) cis-1,3-Dichloropropene	8.37	75	1939	0.181	ug/L #	67
43) 1,3,5-Trimethylbenzene	11.49	105	5546	0.200	ug/L	95
44) 1,2,4-Trimethylbenzene	11.79	105	15934	0.567	ug/L	97
47) 1,1,2-Trichloroethane	9.15	97	6754	1.337	ug/L #	23
50) 2-Hexanone	9.43	43	13544	4.807	ug/L #	67

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018782.D
Acq On : 05 Oct 2020 22:35
Operator : JC/SP
Sample : L4240-03 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

Quant Time: Oct 06 06:06:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 05:58:52 2020
Response via : Initial Calibration

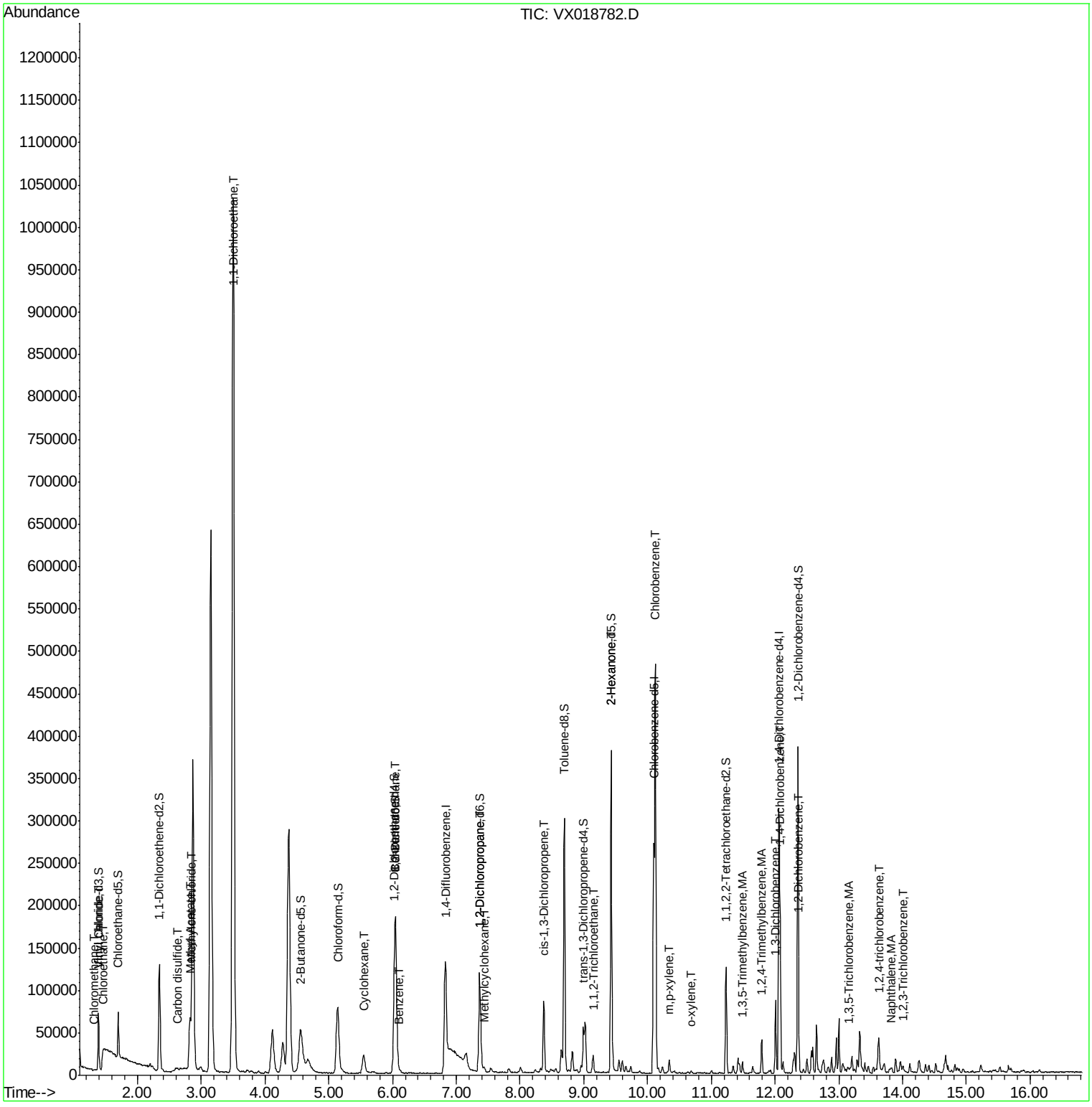
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Chlorobenzene	10.12	112	210724	10.533	ug/L		97
55) m,p-xylene	10.34	106	3587	0.280	ug/L		84
56) o-xylene	10.68	106	631	0.053	ug/L		77
63) 1,3-Dichlorobenzene	12.01	146	27008	1.810	ug/L		98
64) 1,4-Dichlorobenzene	12.08	146	46672	3.136	ug/L		98
66) 1,2-Dichlorobenzene	12.38	146	1745	0.125	ug/L		91
68) 1,3,5-Trichlorobenzene	13.15	180	702	0.061	ug/L	#	78
69) 1,2,4-trichlorobenzene	13.63	180	6028	0.632	ug/L		87
70) Naphthalene	13.82	128	3288	0.211	ug/L	#	85
71) 1,2,3-Trichlorobenzene	14.01	180	1026	0.120	ug/L	#	86

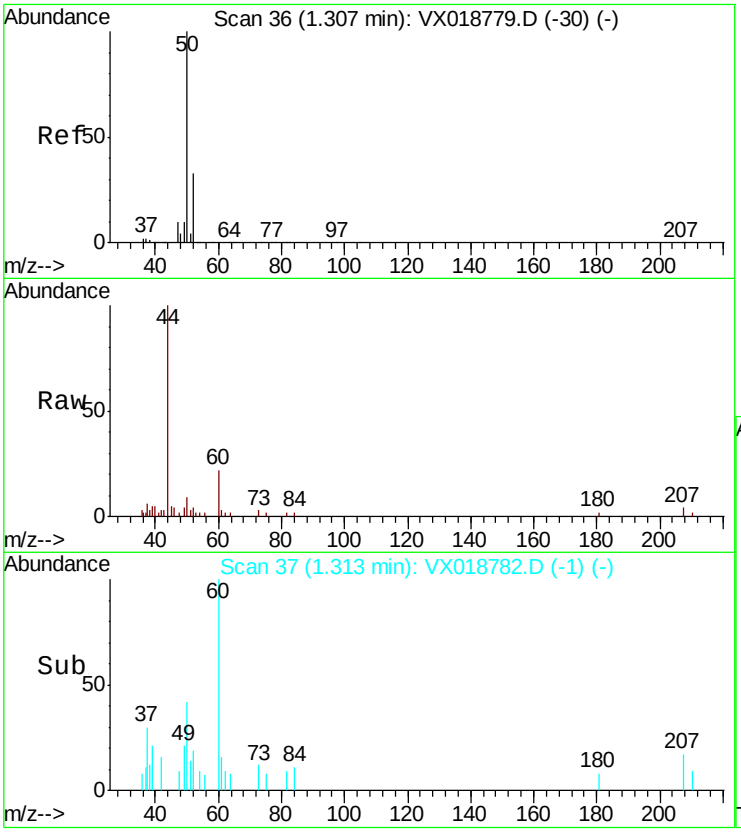
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018782.D
Acq On : 05 Oct 2020 22:35
Operator : JC/SP
Sample : L4240-03 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Quant Time: Oct 06 06:06:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 05:58:52 2020
Response via : Initial Calibration



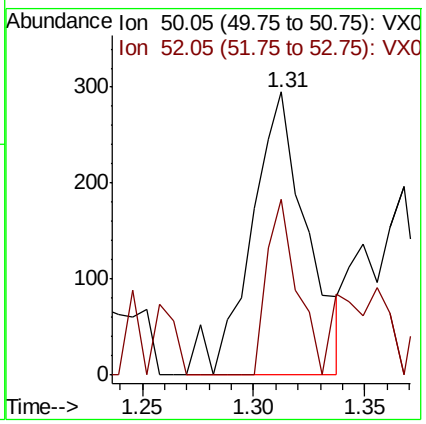


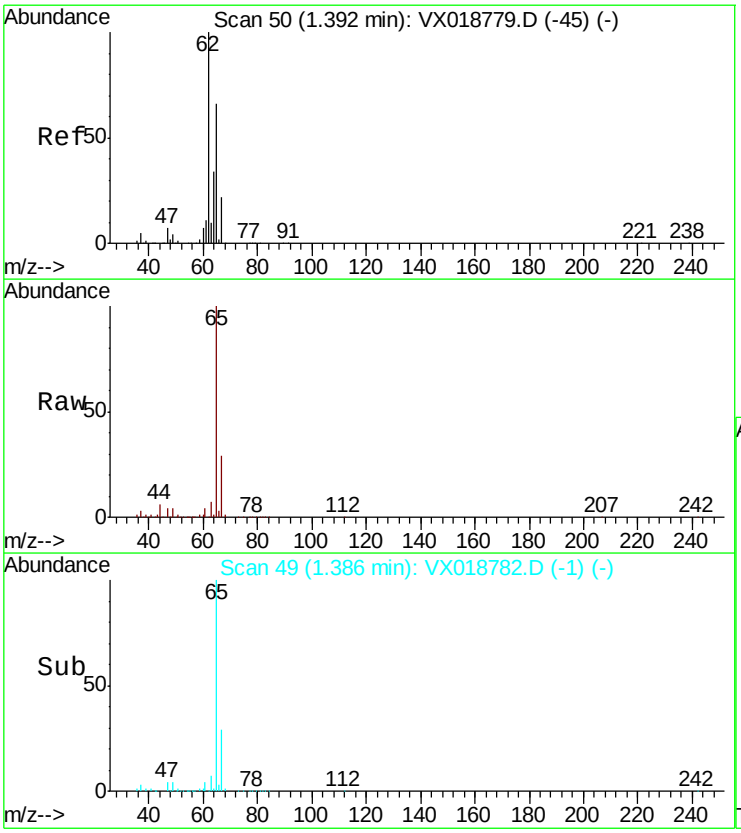
#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.01 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 50 Resp: 515

Ion	Ratio	Lower	Upper
50	100		
52	62.0	23.4	43.6#

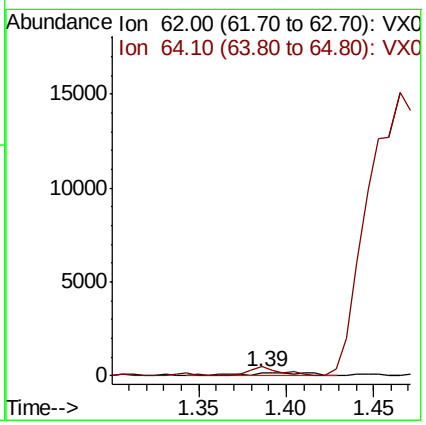


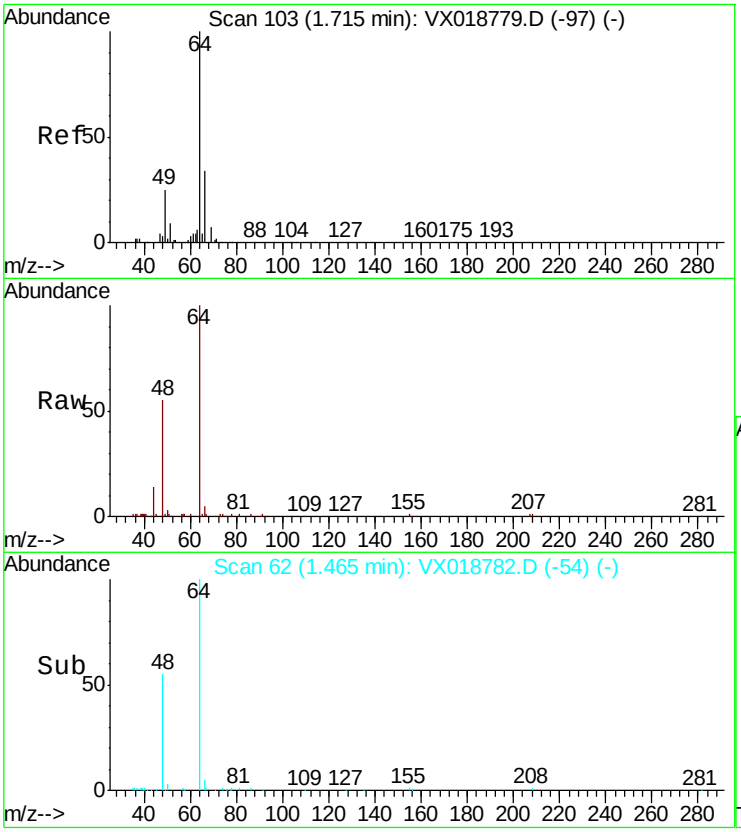


#5
Vinyl chloride
Concen: 0.069 ug/L
RT: 1.39 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion: 62 Resp: 489

Ion	Ratio	Lower	Upper
62	100		
64	286.4	24.3	45.1#



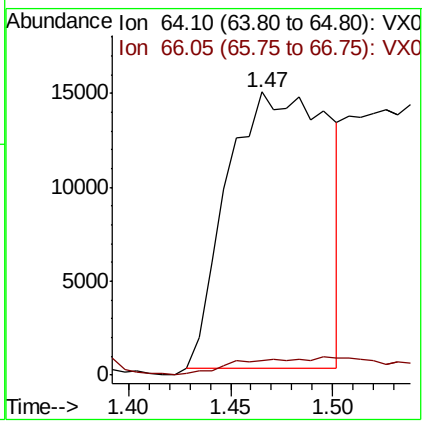


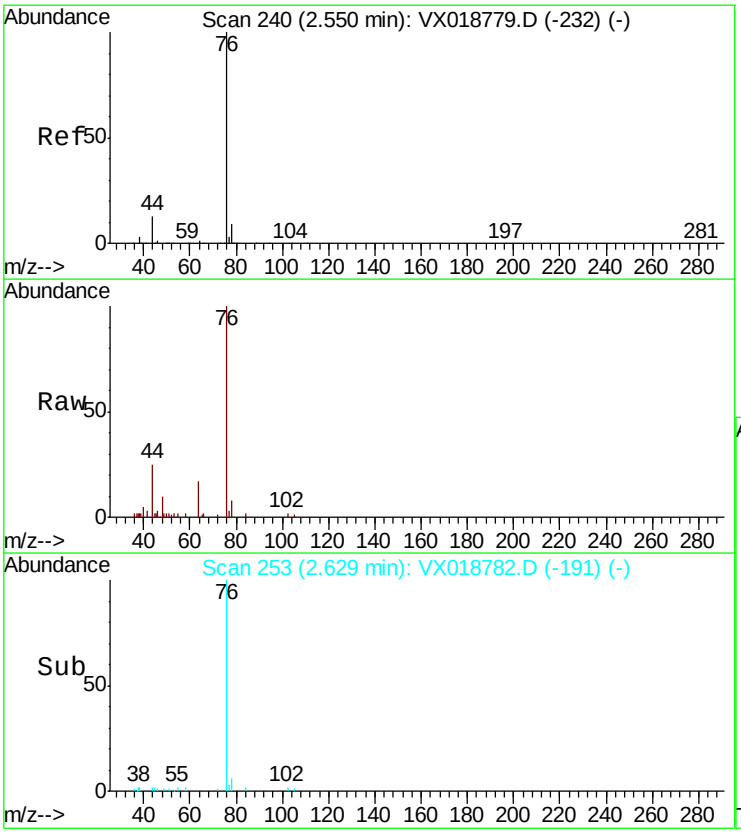
#8
Chloroethane
Concen: 11.843 ug/L
RT: 1.47 min Scan# 62
Delta R.T. -0.25 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion: 64 Resp: 50714

Ion	Ratio	Lower	Upper
64	100		
66	5.2	21.5	39.9#

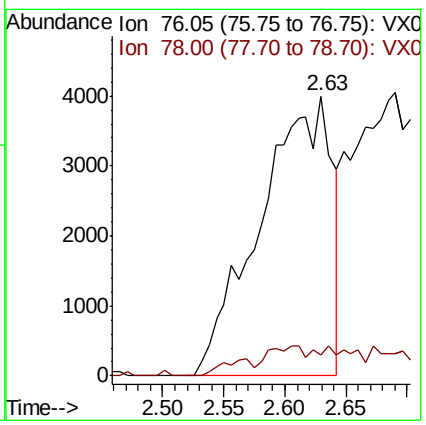


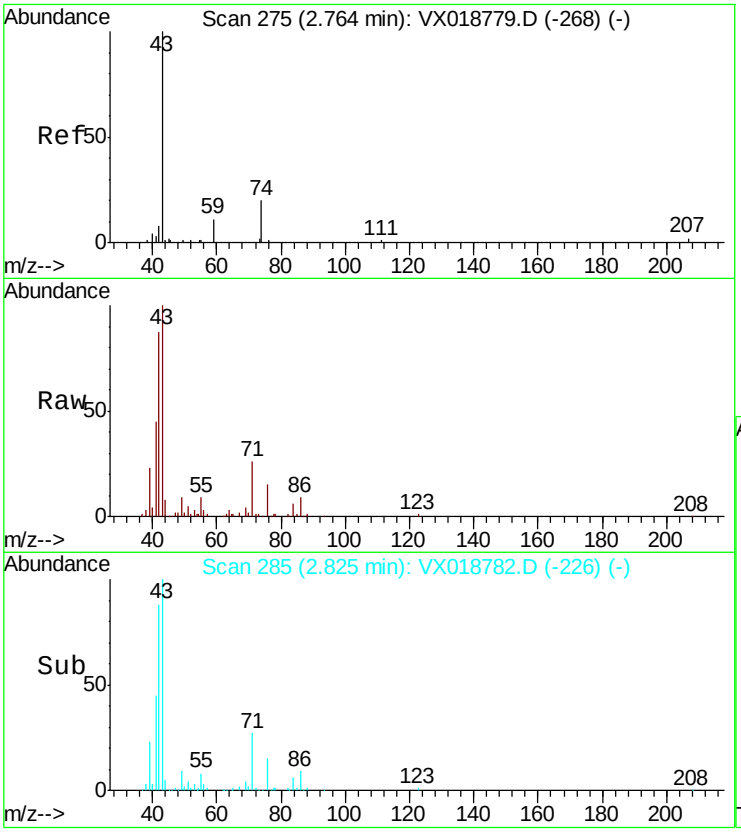


#14
Carbon disulfide
Concen: 0.798 ug/L
RT: 2.63 min Scan# 253
Delta R.T. 0.08 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion: 76 Resp: 16275

Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.4	11.2



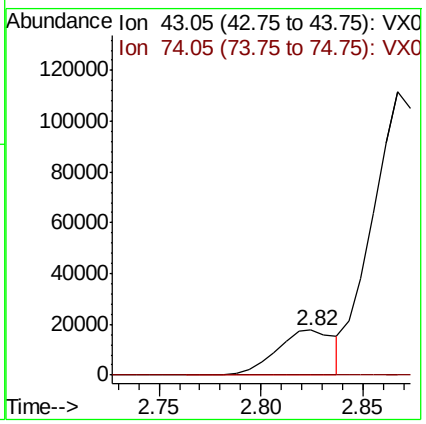


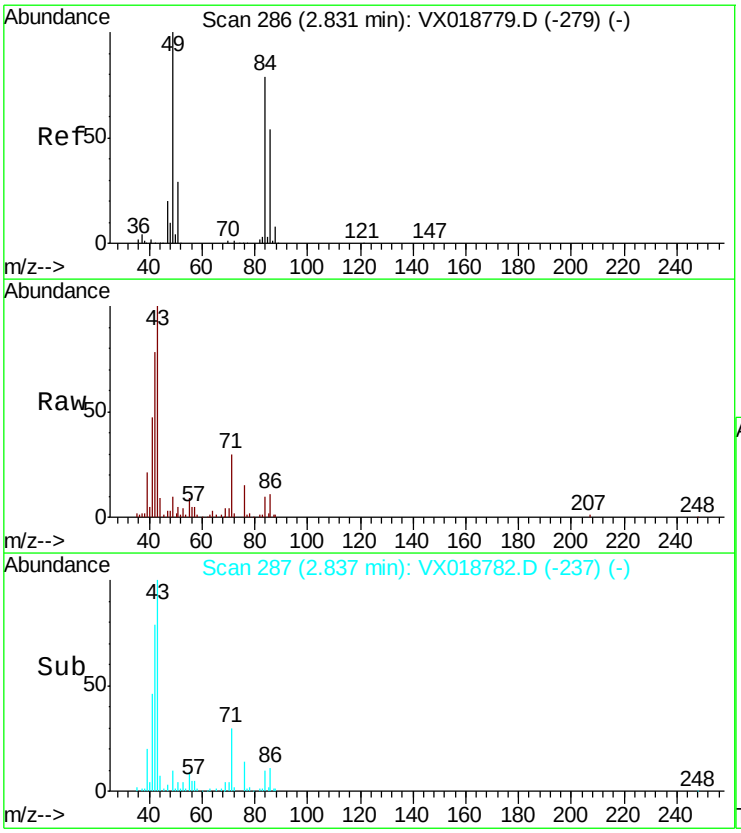
#15
Methyl Acetate
Concen: 12.993 ug/L
RT: 2.82 min Scan# 285
Delta R.T. 0.06 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 43 Resp: 34952

Ion	Ratio	Lower	Upper
43	100		
74	0.1	21.9	32.9#

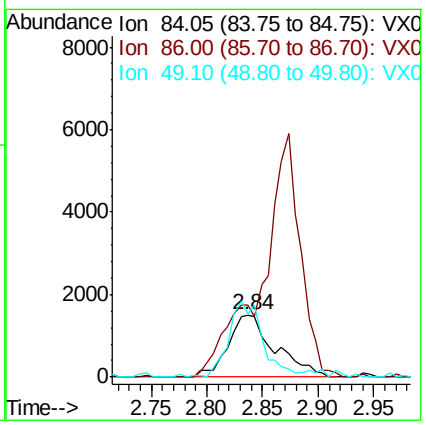


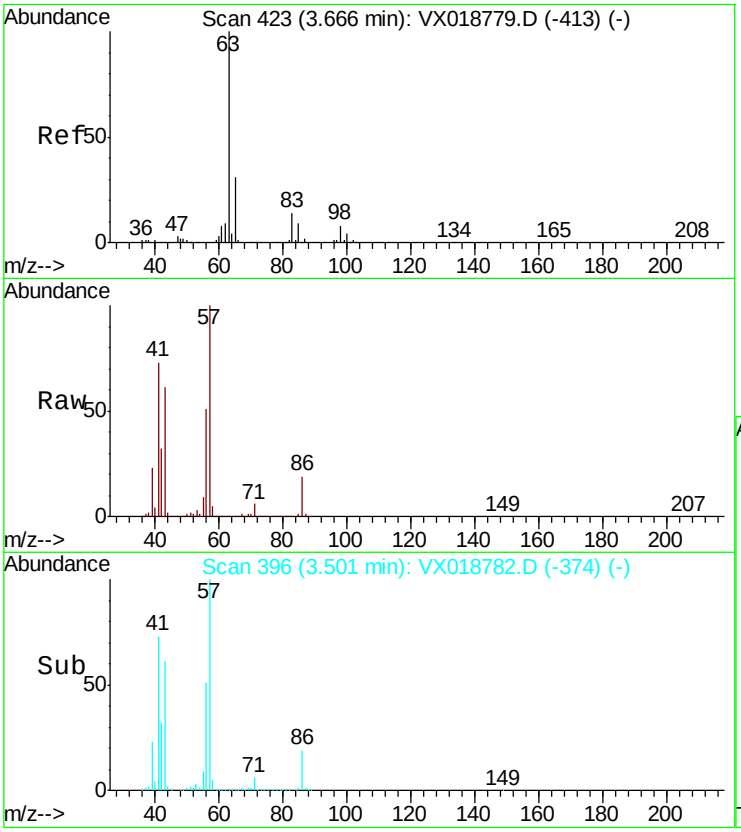


#16
Methylene chloride
Concen: 0.561 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion: 84 Resp: 4434

Ion	Ratio	Lower	Upper
84	100		
86	115.4	45.6	84.8#
49	101.9	85.8	159.3



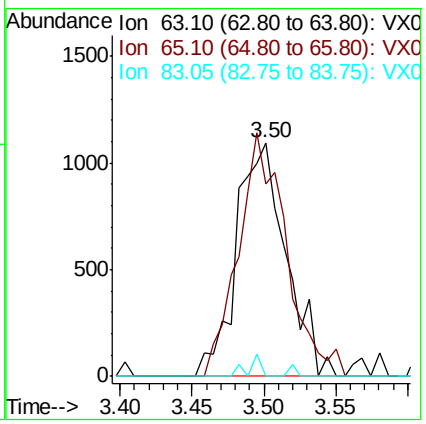


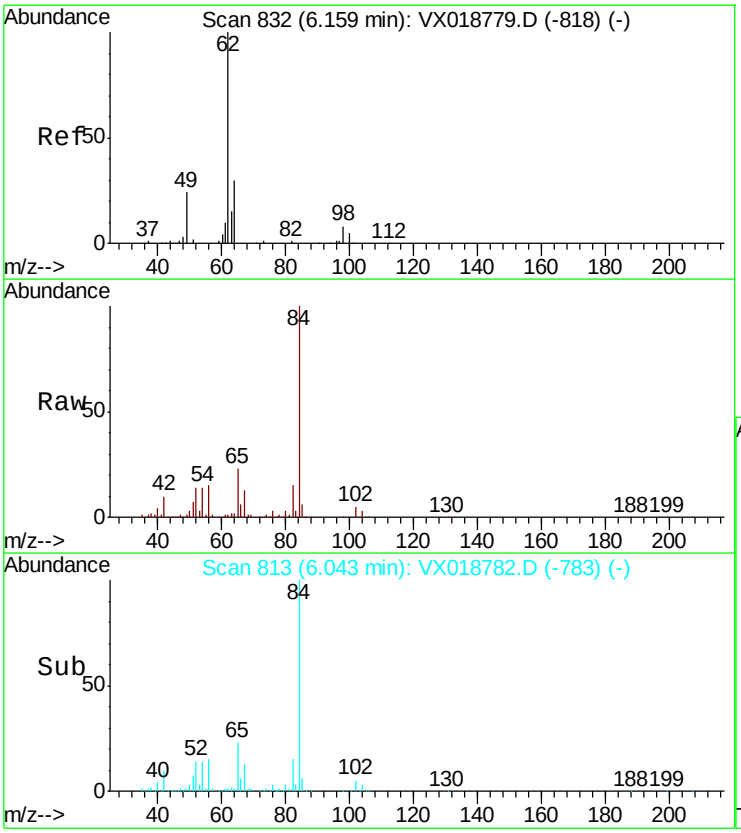
#19
1,1-Dichloroethane
Concen: 0.211 ug/L
RT: 3.50 min Scan# 396
Delta R.T. -0.16 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 63 Resp: 2620

Ion	Ratio	Lower	Upper
63	100		
65	82.6	21.6	40.2#
83	0.0	8.7	16.1#

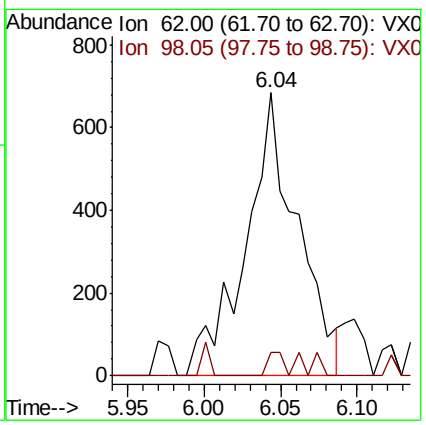


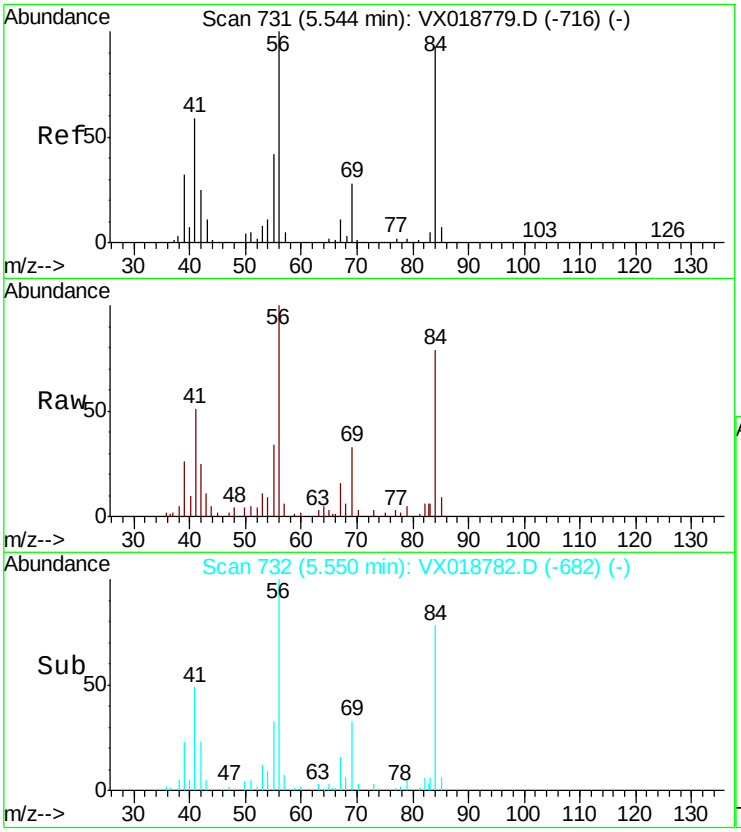


#27
1,2-Dichloroethane
Concen: 0.157 ug/L
RT: 6.04 min Scan# 813
Delta R.T. -0.12 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion: 62 Resp: 1617

Ion	Ratio	Lower	Upper
62	100		
98	8.2	5.8	8.8



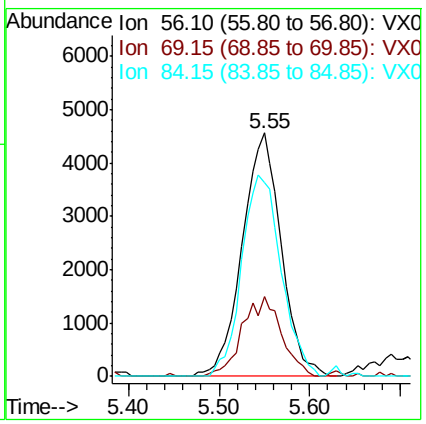


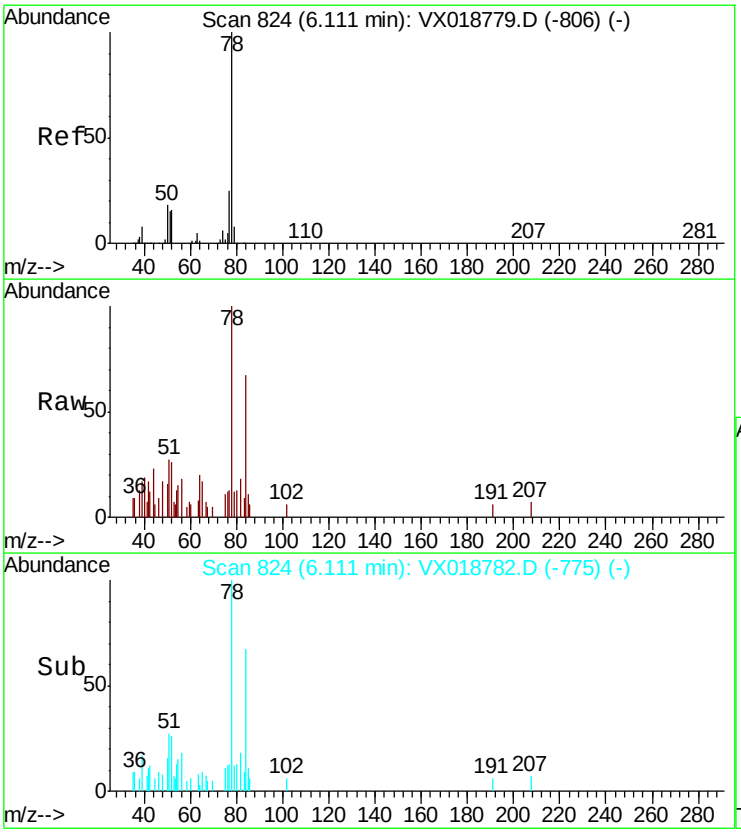
#30
Cyclohexane
Concen: 1.294 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion: 56 Resp: 13556

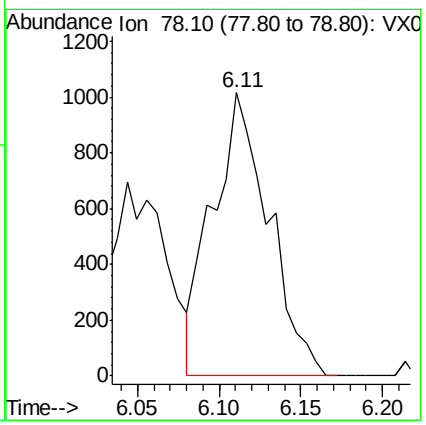
Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.0	39.0
84	83.7	73.8	110.6

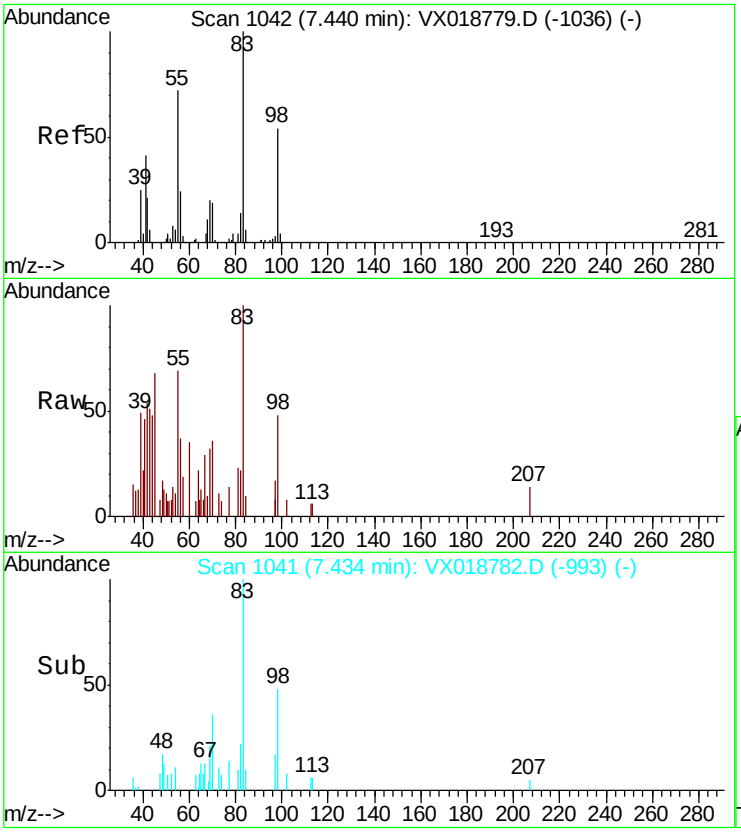




#33
Benzene
Concen: 0.091 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion: 78 Resp: 2427



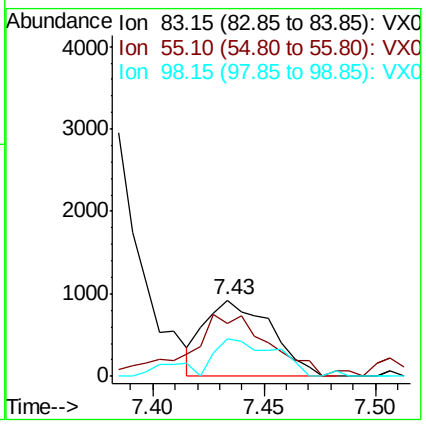


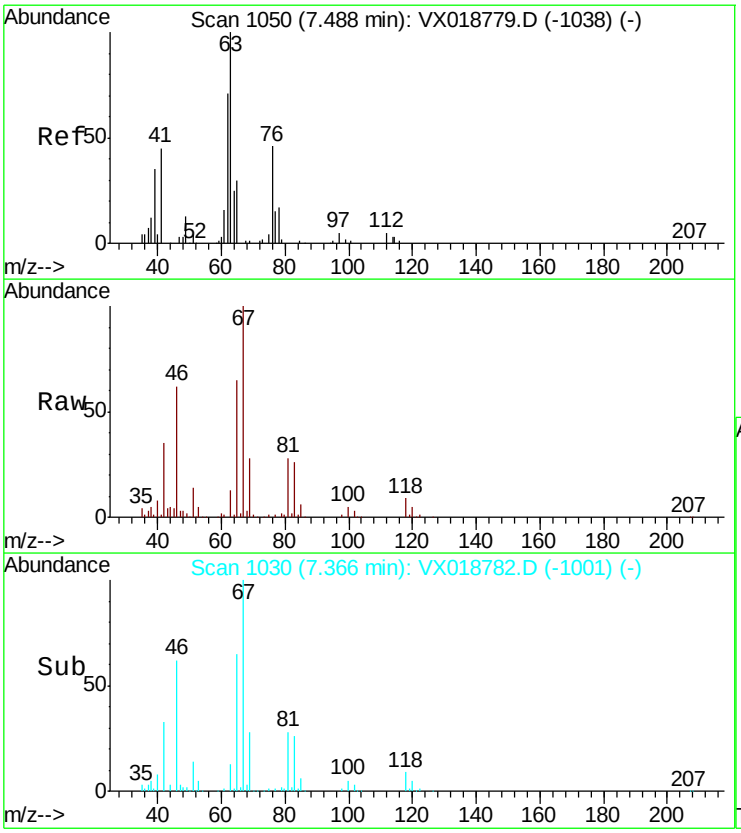
#35
Methylcyclohexane
Concen: 0.171 ug/L
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 83 Resp: 1914

Ion	Ratio	Lower	Upper
83	100		
55	97.6	60.3	90.5#
98	43.6	39.4	59.0

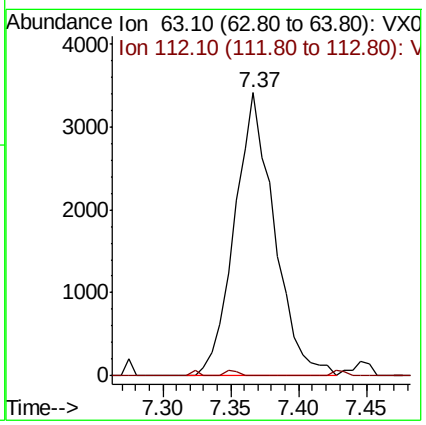


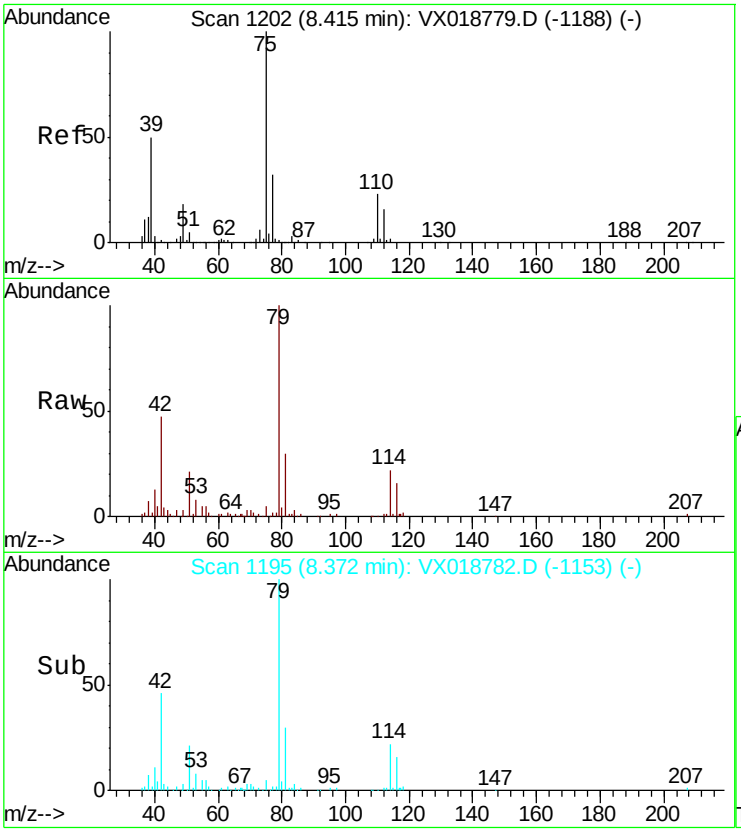


#37
1,2-Dichloropropane
Concen: 1.040 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion: 63 Resp: 6961

Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.7	7.1#



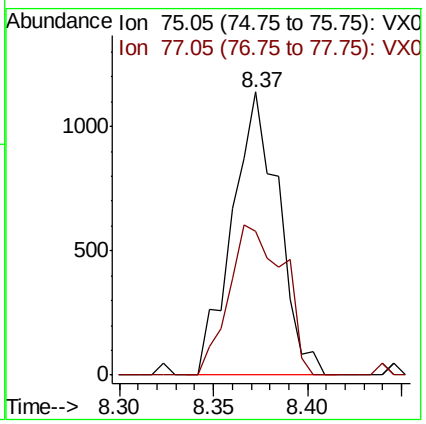


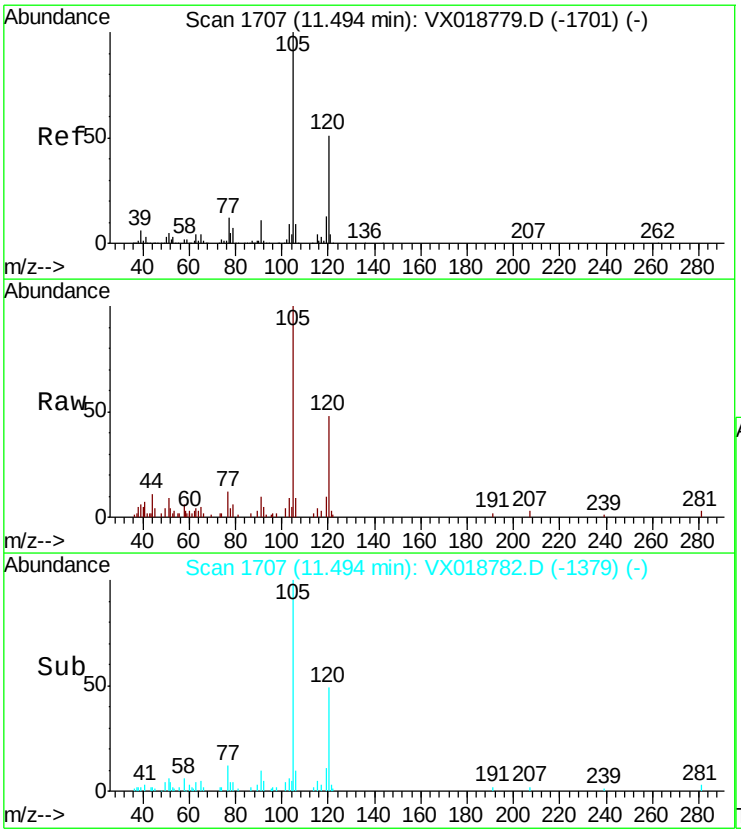
#39
cis-1,3-Dichloropropene
Concen: 0.181 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 75 Resp: 1939

Ion	Ratio	Lower	Upper
75	100		
77	50.8	22.5	41.7#

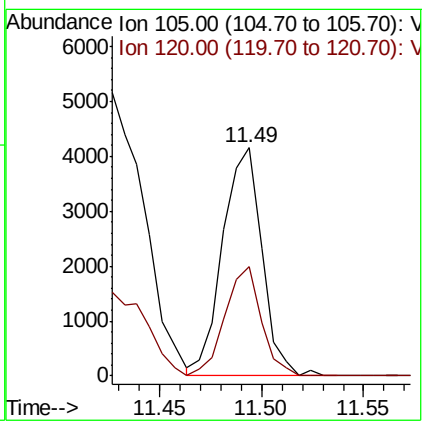


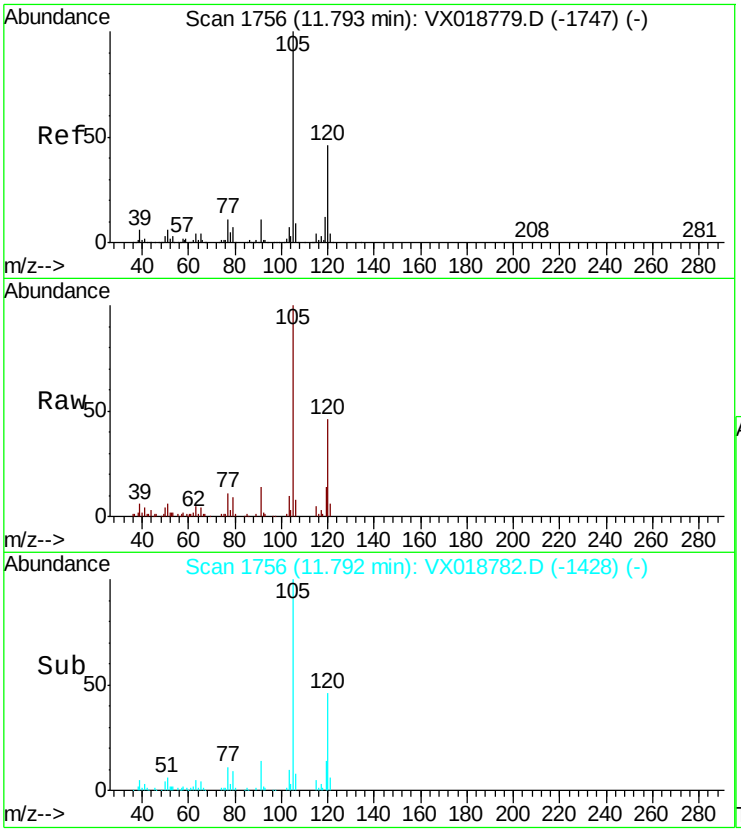


#43
1,3,5-Trimethylbenzene
Concen: 0.200 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion:105 Resp: 5546

Ion	Ratio	Lower	Upper
105	100		
120	44.0	37.7	56.5



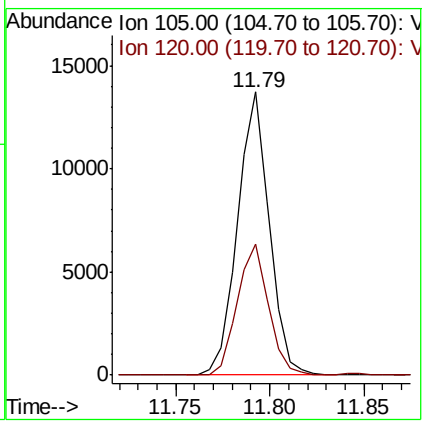


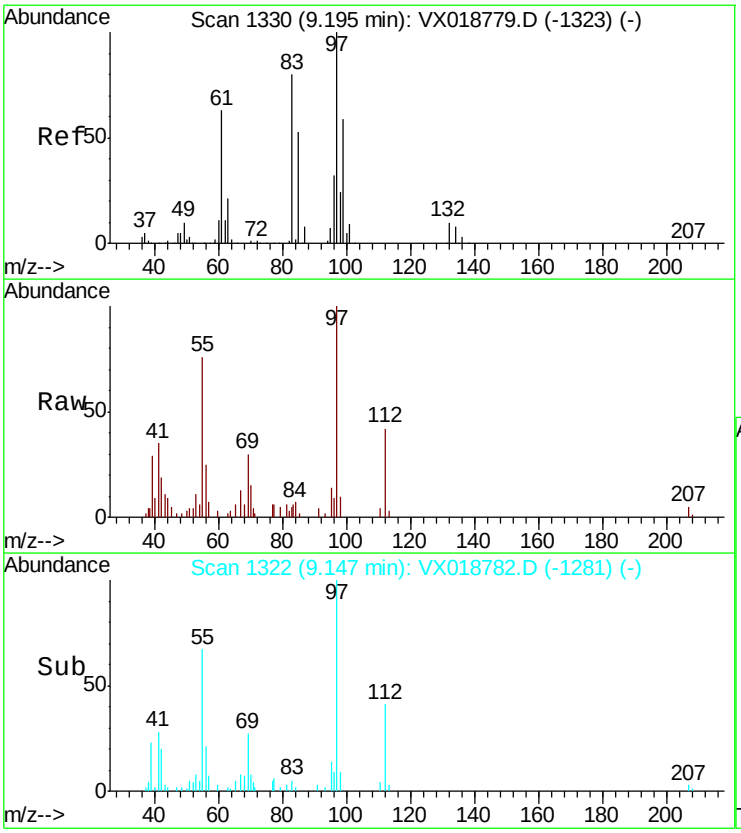
#44
1,2,4-Trimethylbenzene
Concen: 0.567 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion:105 Resp: 15934

Ion	Ratio	Lower	Upper
105	100		
120	45.8	35.1	52.7

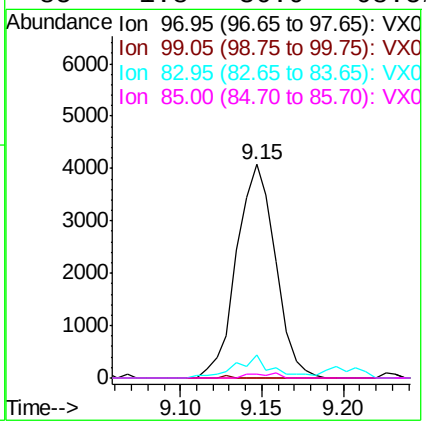


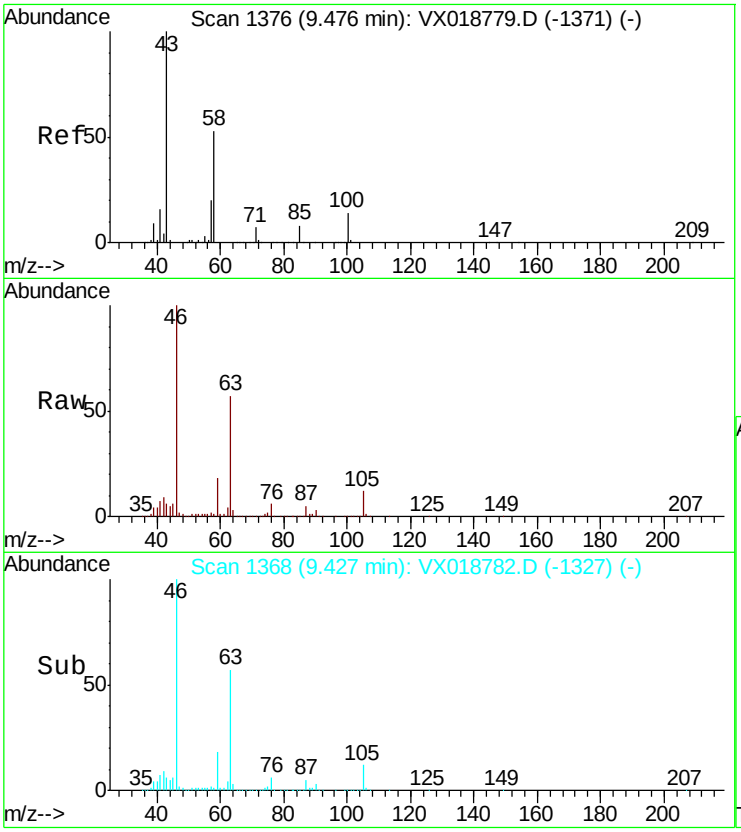


#47
1,1,2-Trichloroethane
Concen: 1.337 ug/L
RT: 9.15 min Scan# 1322
Delta R.T. -0.05 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion: 97 Resp: 6754

Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.1	76.3#
83	11.1	57.5	106.7#
85	1.8	36.9	68.5#



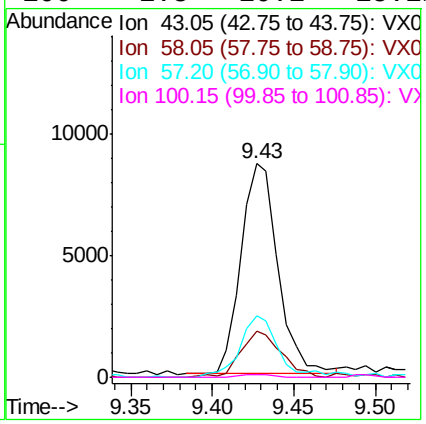


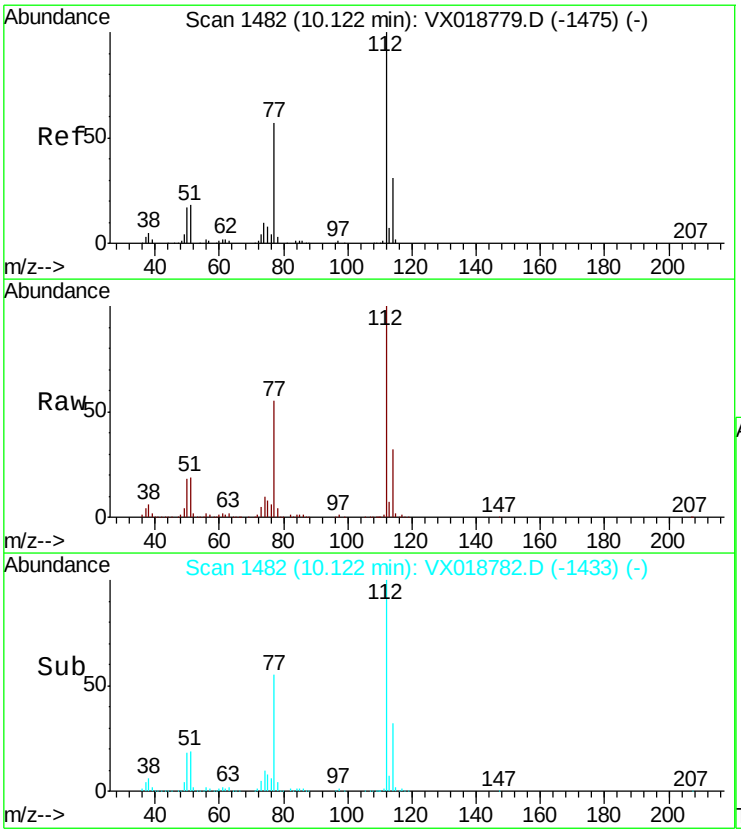
#50
2-Hexanone
Concen: 4.807 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 43 Resp: 13544

Ion	Ratio	Lower	Upper
43	100		
58	24.3	41.0	61.4#
57	30.3	15.9	23.9#
100	1.3	10.1	15.1#

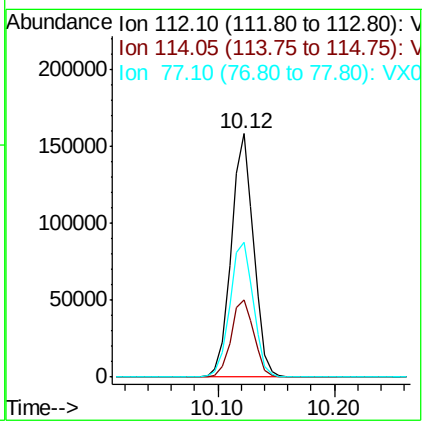


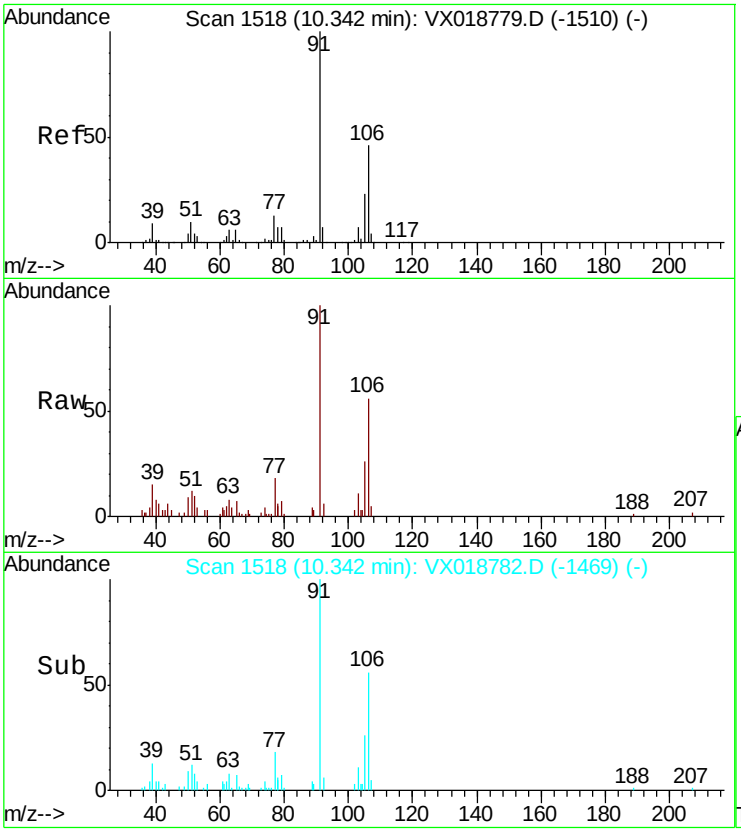


#53
Chlorobenzene
Concen: 10.533 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion:112 Resp: 210724

Ion	Ratio	Lower	Upper
112	100		
114	31.7	21.3	39.5
77	55.2	42.4	63.6



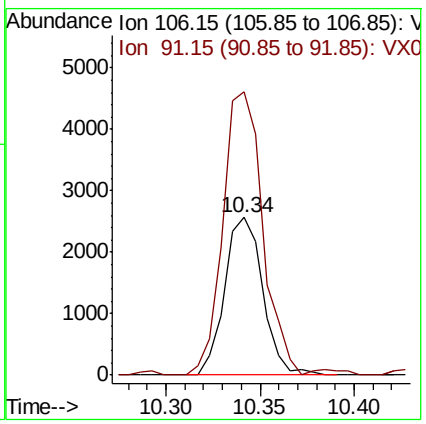


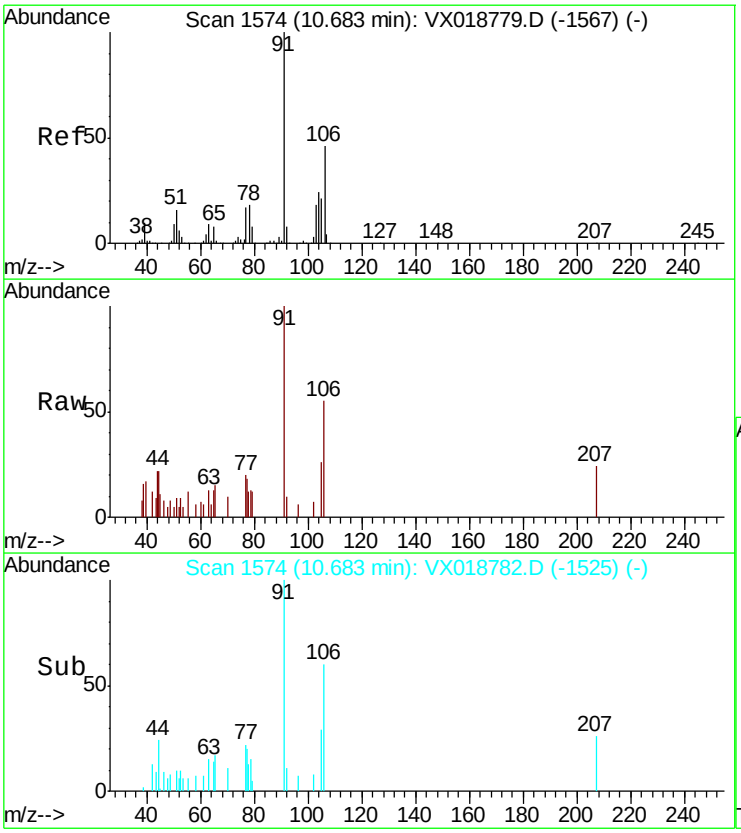
#55
m,p-xylene
Concen: 0.280 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion:106 Resp: 3587

Ion	Ratio	Lower	Upper
106	100		
91	179.9	143.4	266.2

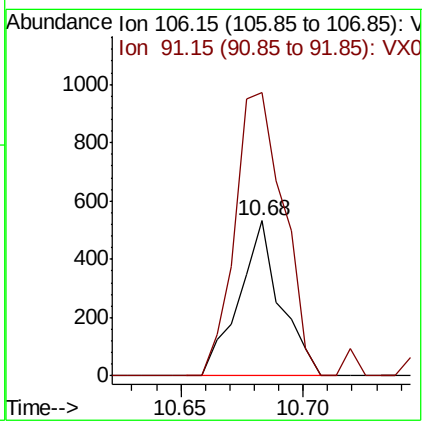


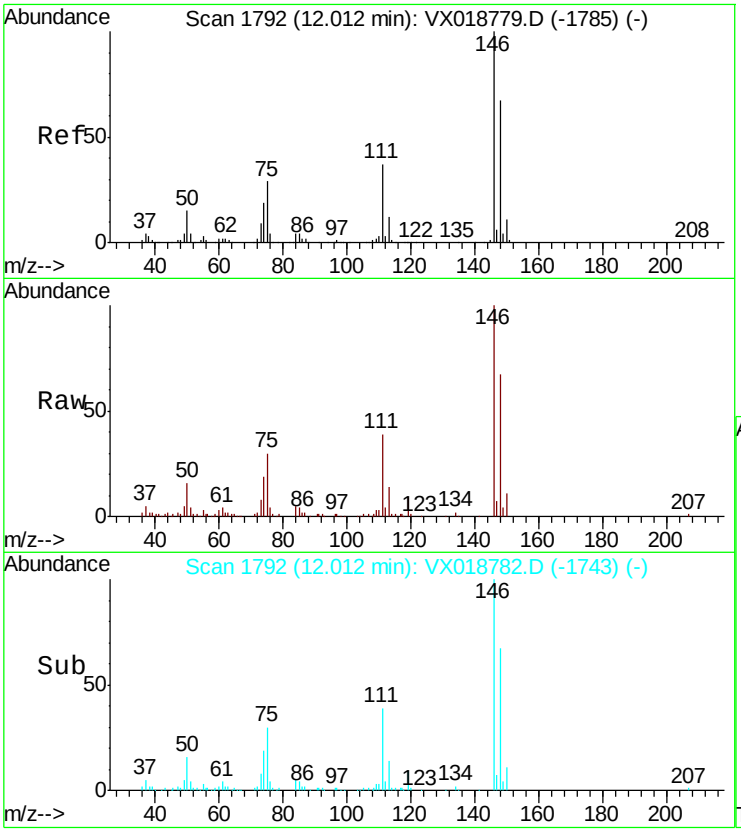


#56
o-xylene
Concen: 0.053 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion:106 Resp: 631

Ion	Ratio	Lower	Upper
106	100		
91	182.5	153.4	284.8



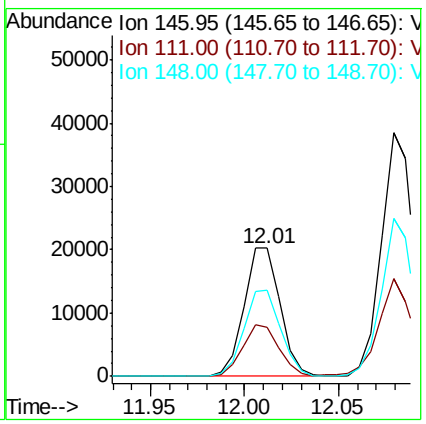


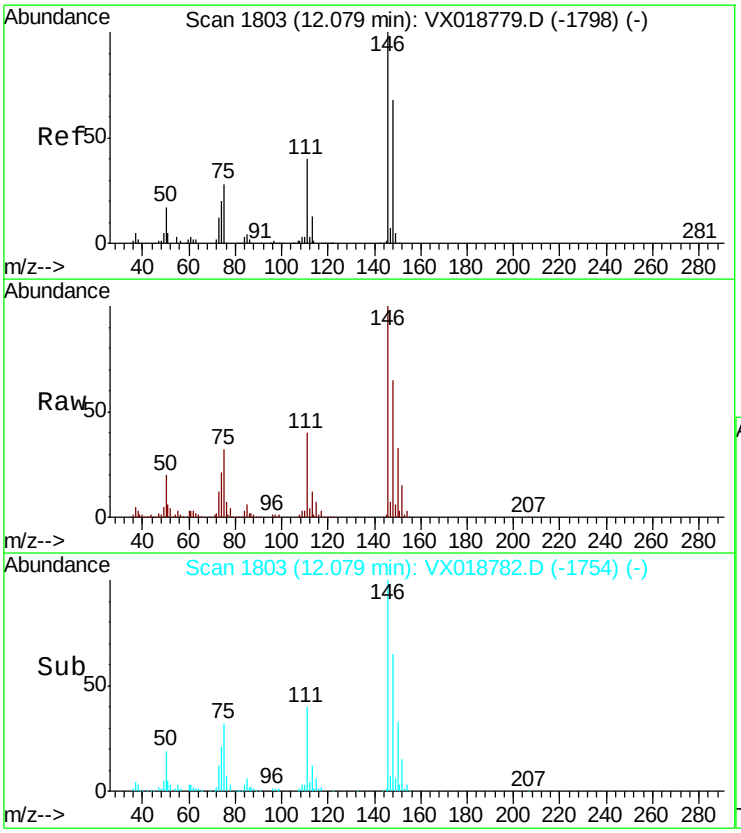
#63
1,3-Dichlorobenzene
Concen: 1.810 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion:146 Resp: 27008

Ion	Ratio	Lower	Upper
146	100		
111	38.8	28.4	52.8
148	67.2	45.9	85.3

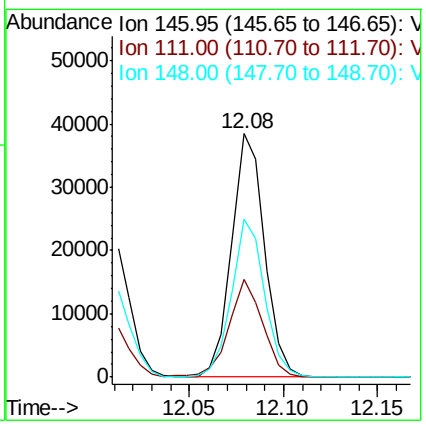


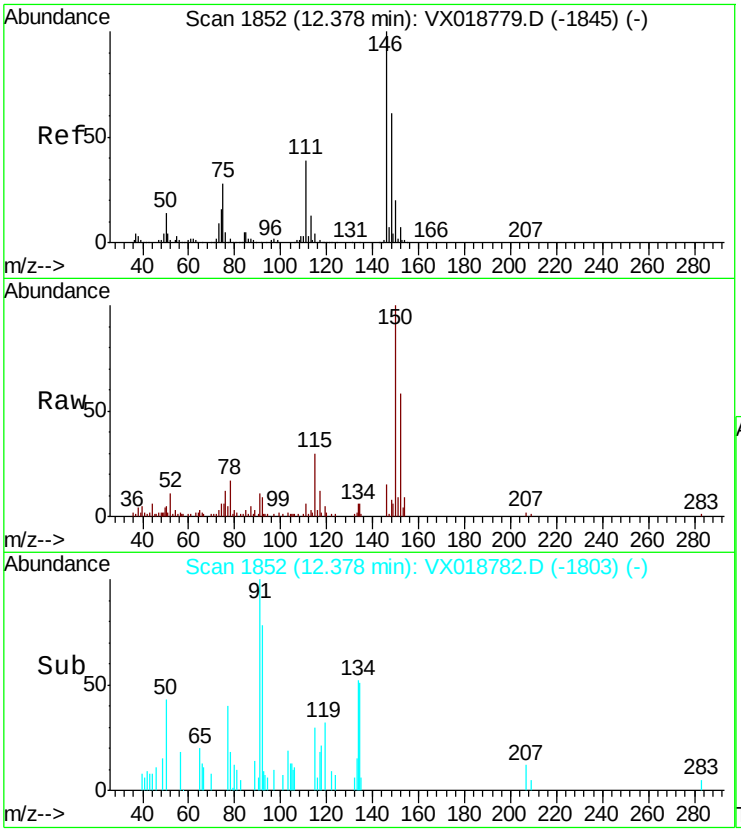


#64
1,4-Dichlorobenzene
Concen: 3.136 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion:146 Resp: 46672

Ion	Ratio	Lower	Upper
146	100		
111	40.2	28.6	53.2
148	64.9	44.2	82.0



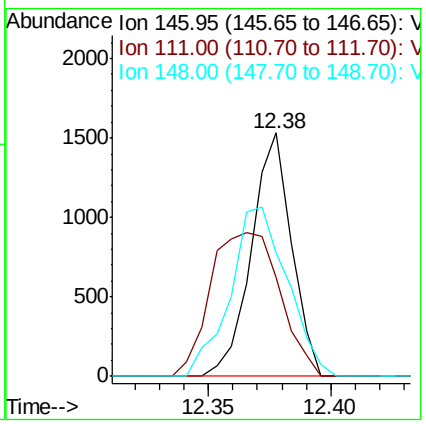


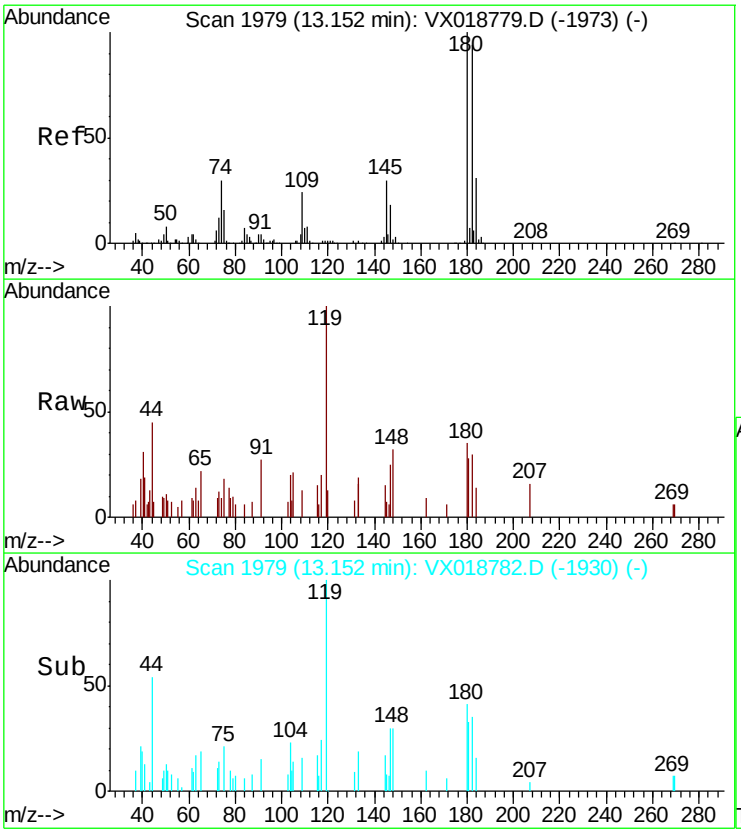
#66
1,2-Dichlorobenzene
Concen: 0.125 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion:146 Resp: 1745

Ion	Ratio	Lower	Upper
146	100		
111	40.5	31.7	47.5
148	50.7	49.0	73.6

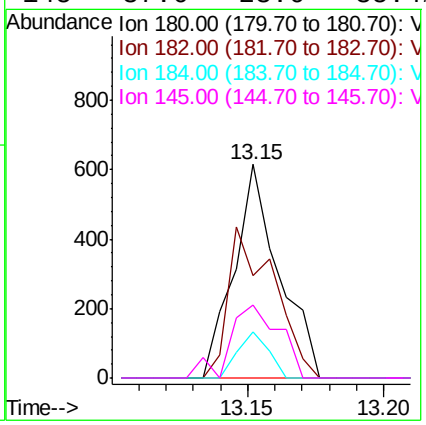


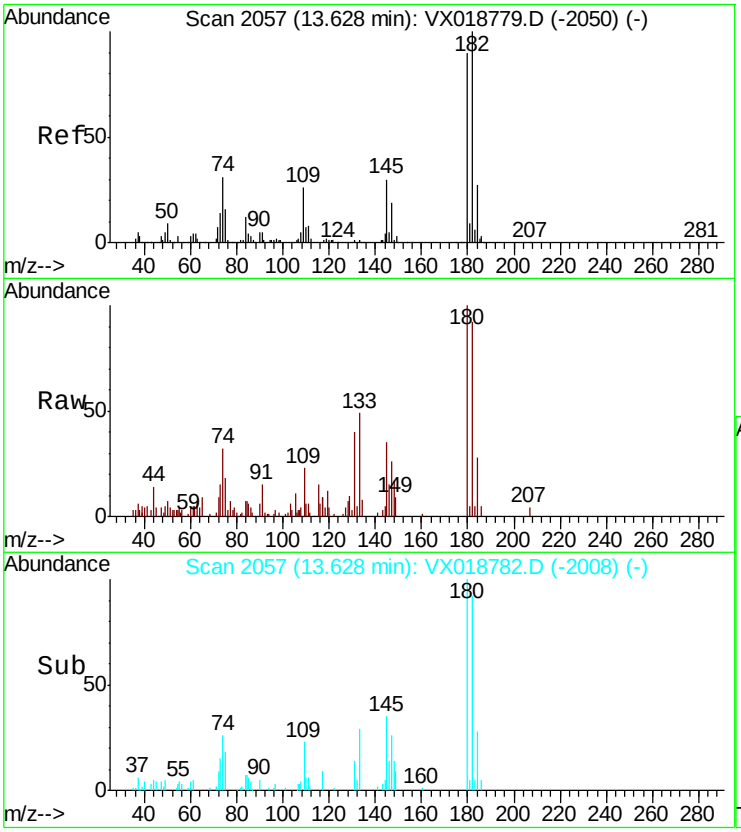


#68
1,3,5-Trichlorobenzene
Concen: 0.061 ug/L
RT: 13.15 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion:180 Resp: 702

Ion	Ratio	Lower	Upper
180	100		
182	71.5	74.1	111.1#
184	15.0	23.4	35.2#
145	37.6	23.6	35.4#



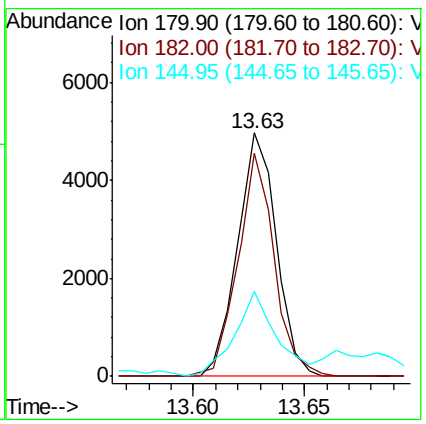


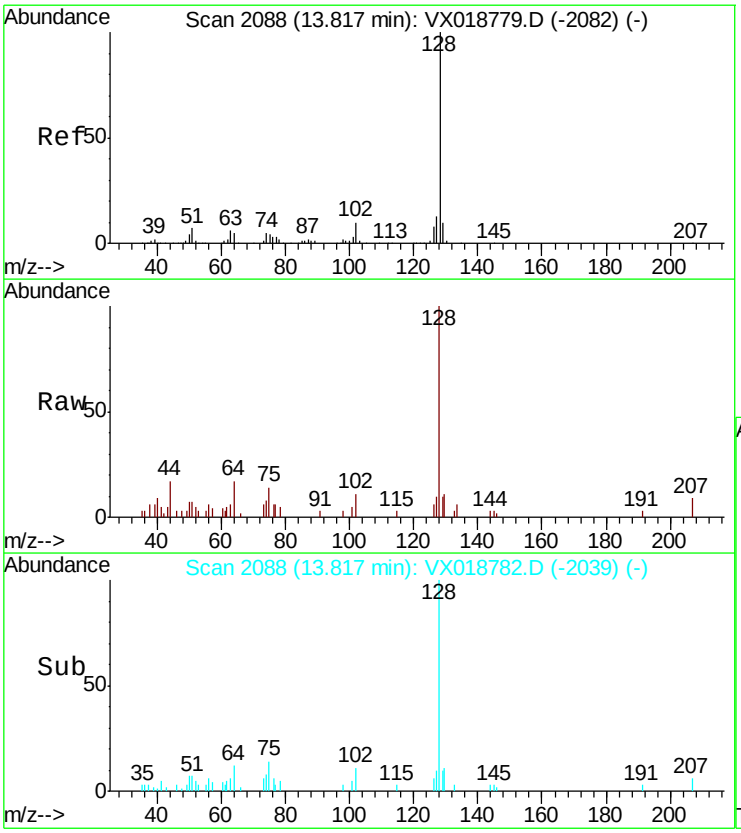
#69
1,2,4-trichlorobenzene
Concen: 0.632 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion:180 Resp: 6028

Ion	Ratio	Lower	Upper
180	100		
182	86.0	80.2	120.4
145	37.5	25.2	37.8

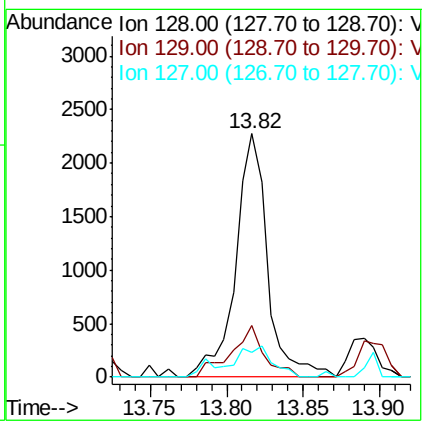


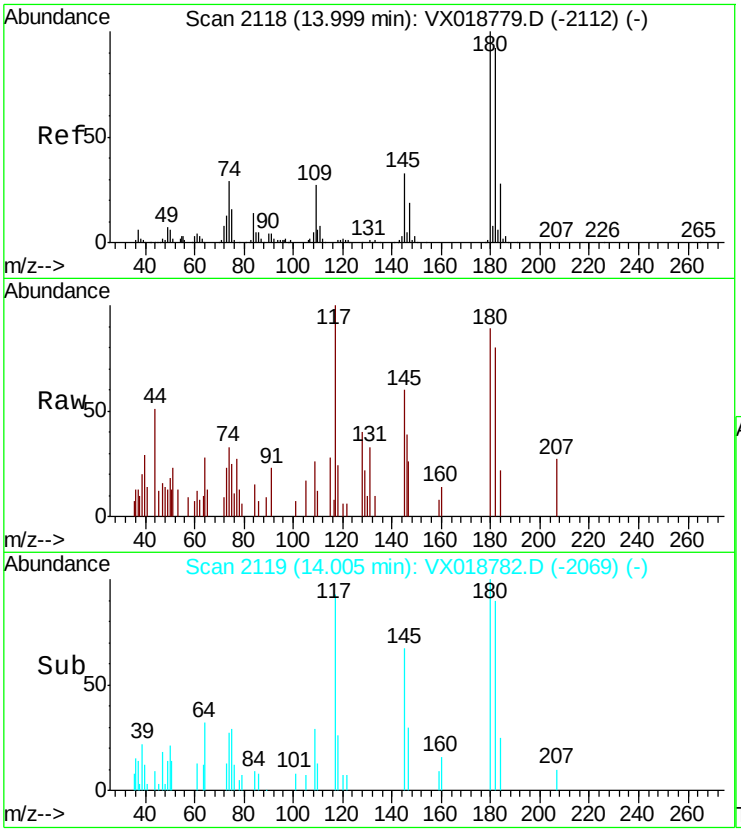


#70
Naphthalene
Concen: 0.211 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Tgt Ion:128 Resp: 3288

Ion	Ratio	Lower	Upper
128	100		
129	22.2	9.0	13.4#
127	14.4	10.5	15.7





#71
1,2,3-Trichlorobenzene
Concen: 0.120 ug/L
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018782.D
Acq: 05 Oct 2020 22:35

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion:180 Resp: 1026

Ion	Ratio	Lower	Upper
180	100		
182	87.2	73.6	110.4
145	55.8	26.6	40.0#