Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018813.D
Acq On : 07 Oct 2020 15:35
Operator : JC/SP
Sample : L4240-02DL 20X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Time: Oct 08 01:18:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 08 01:16:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	126736	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	123049	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	65973	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	36062	4.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.40%			
7) Chloroethane-d5	1.70	69	31917	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.20%			
11) 1,1-Dichloroethene-d2	2.34	63	66522	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	4.55	46	132507	68.24	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 136.48%#			
24) Chloroform-d	5.14	84	97018	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	6.03	65	56756	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	6.04	84	170589	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.60%			
36) 1,2-Dichloropropane-d6	7.37	67	51223	5.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.80%			
41) Toluene-d8	8.70	98	139265	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
45) trans-1,3-Dichloropropene-	8.99	79	22464	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
48) 2-Hexanone-d5	9.43	63	98469	61.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.54%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	40707	5.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.20%			
65) 1,2-Dichlorobenzene-d4	12.36	152	64829	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.34	96	717	0.114	ug/L #	1
13) Acetone	2.45	43	790	0.745	ug/L	86
14) Carbon disulfide	2.55	76	2040	0.103	ug/L #	61
15) Methyl Acetate	2.87	43	1366244	524.330	ug/L #	48
16) Methylene chloride	2.84	84	11580	1.513	ug/L #	53
21) 2-Butanone	4.53	43	3955	2.563	ug/L #	59
22) cis-1,2-Dichloroethene	4.55	96	732	0.105	ug/L #	56
29) 1,1,1-Trichloroethane	5.46	97	6025	0.414	ug/L	91
30) Cyclohexane	5.54	56	173003	17.136	ug/L	98
37) 1,2-Dichloropropane	7.37	63	6652	1.031	ug/L #	83
42) Toluene	8.76	91	268782	9.533	ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	119302	4.471	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	349335	12.897	ug/L	99
47) 1,1,2-Trichloroethane	9.14	97	709	0.146	ug/L #	21
50) 2-Hexanone	9.43	43	13784	5.075	ug/L #	68
51) Dibromochloromethane	9.32	129	694	0.098	ug/L #	10
53) Chlorobenzene	10.12	112	4153	0.215	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018813.D
Acq On : 07 Oct 2020 15:35
Operator : JC/SP
Sample : L4240-02DL 20X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Time: Oct 08 01:18:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 08 01:16:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Ethylbenzene	10.23	91	36463	1.154	ug/L		98
55) m,p-xylene	10.34	106	51535	4.180	ug/L		99
56) o-xylene	10.68	106	16165	1.419	ug/L		97
57) Styrene	10.68	104	1330	0.068	ug/L	#	1
58) Isopropylbenzene	11.00	105	17204	0.539	ug/L		100
60) 1,1,2,2-Tetrachloroethane	11.23	83	499	0.092	ug/L	#	1
63) 1,3-Dichlorobenzene	12.01	146	7597	0.474	ug/L		91
64) 1,4-Dichlorobenzene	12.08	146	25224	1.577	ug/L		95
66) 1,2-Dichlorobenzene	12.38	146	11705	0.782	ug/L		97
69) 1,2,4-trichlorobenzene	13.63	180	177462	17.319	ug/L		96
70) Naphthalene	13.82	128	13471	0.804	ug/L		95
71) 1,2,3-Trichlorobenzene	14.00	180	52962	5.745	ug/L		99

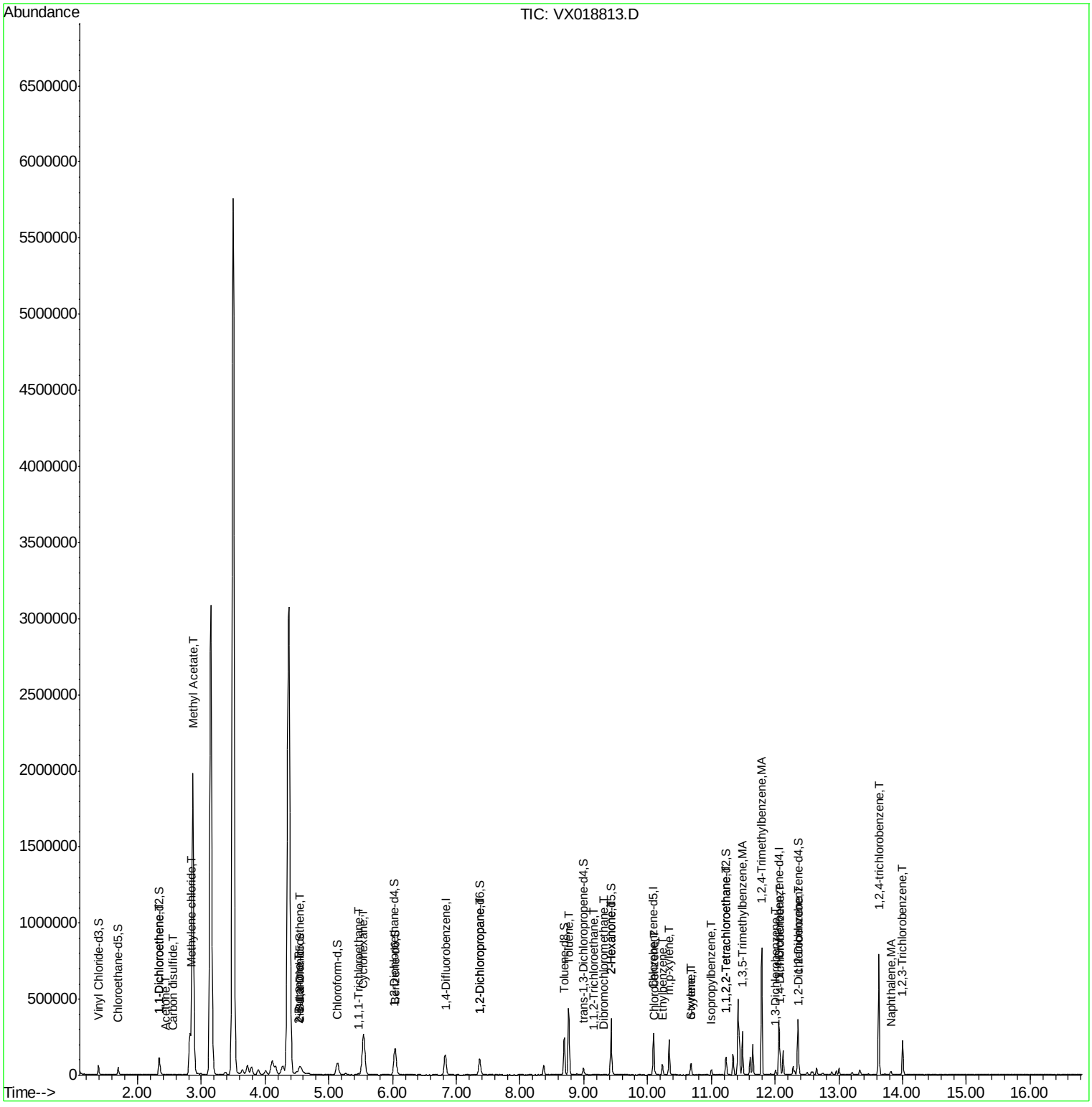
(#) = qualifier out of range (m) = manual integration (+) = signals summed

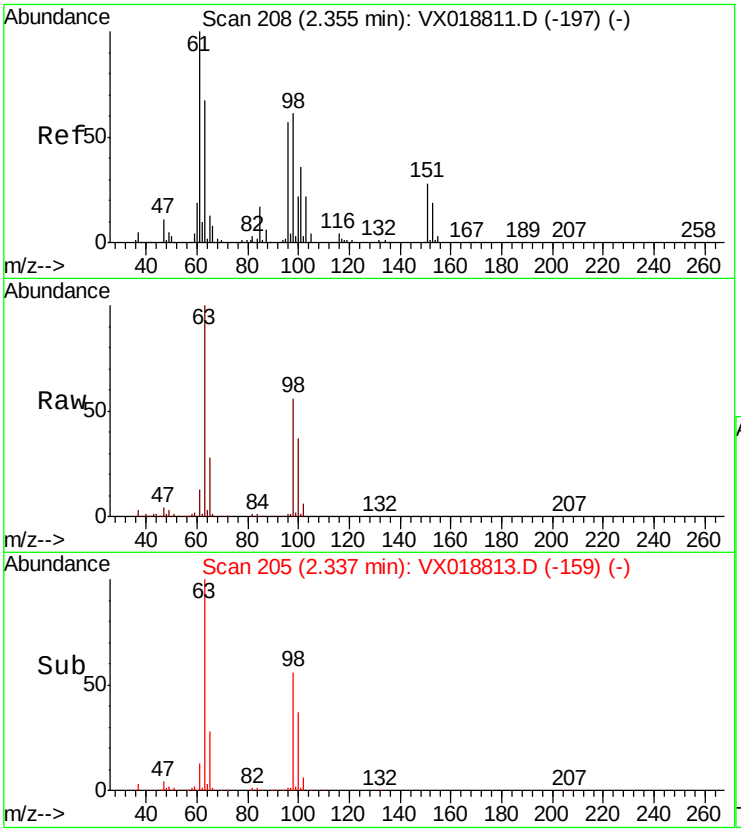
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018813.D
Acq On : 07 Oct 2020 15:35
Operator : JC/SP
Sample : L4240-02DL 20X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

Quant Time: Oct 08 01:18:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 08 01:16:58 2020
Response via : Initial Calibration



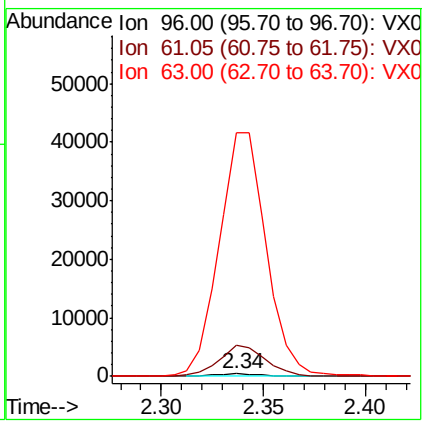


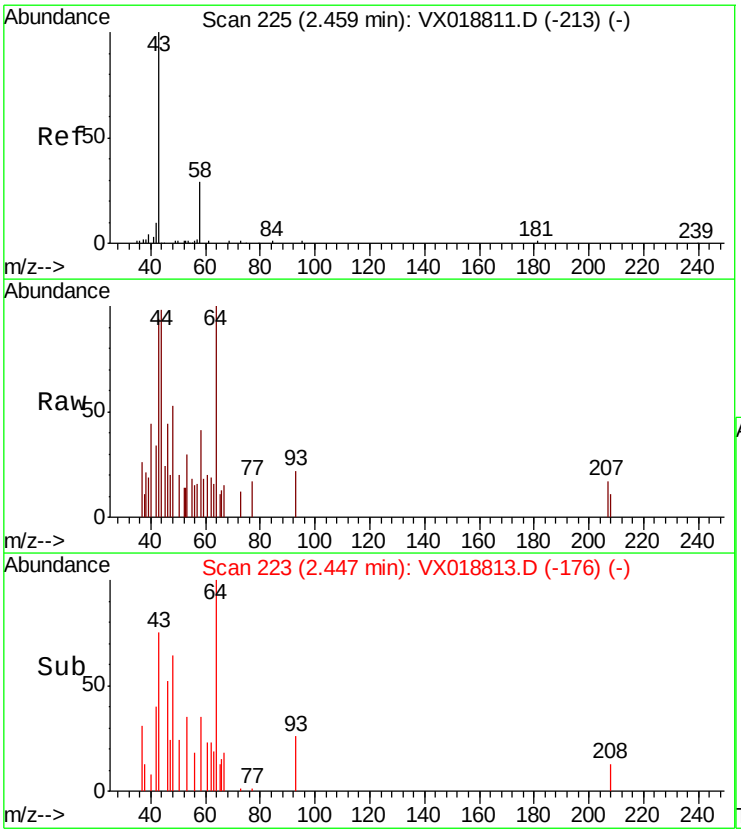
#12
1,1-Dichloroethene
Concen: 0.114 ug/L
RT: 2.34 min Scan# 205
Delta R.T. -0.02 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Tgt Ion: 96 Resp: 717

Ion	Ratio	Lower	Upper
96	100		
61	1101.4	133.2	247.4#
63	8489.2	115.1	213.7#

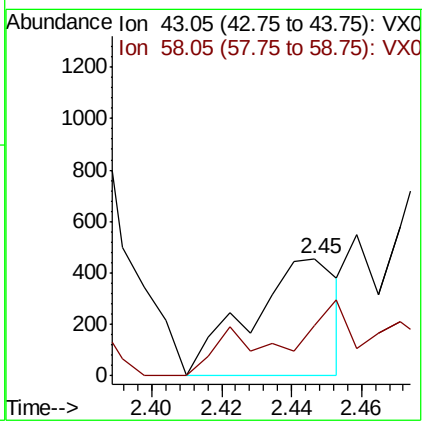


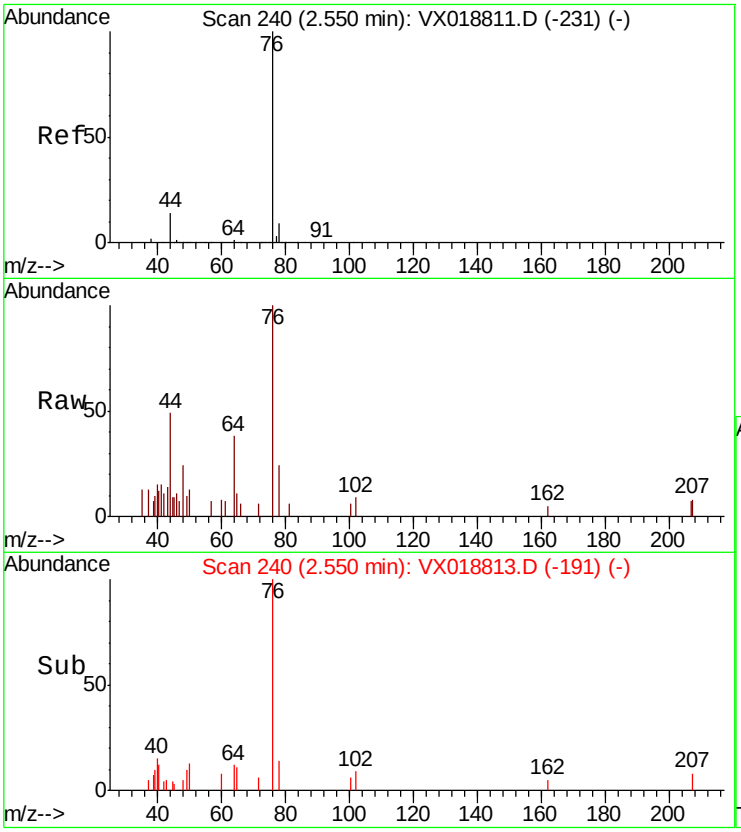


#13
Acetone
Concen: 0.745 ug/L
RT: 2.45 min Scan# 223
Delta R.T. -0.01 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion: 43 Resp: 790

Ion	Ratio	Lower	Upper
43	100		
58	35.4	0.0	56.4



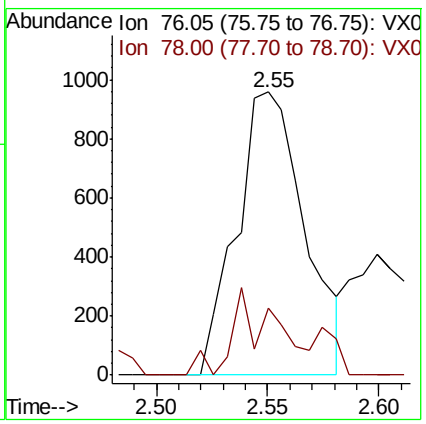


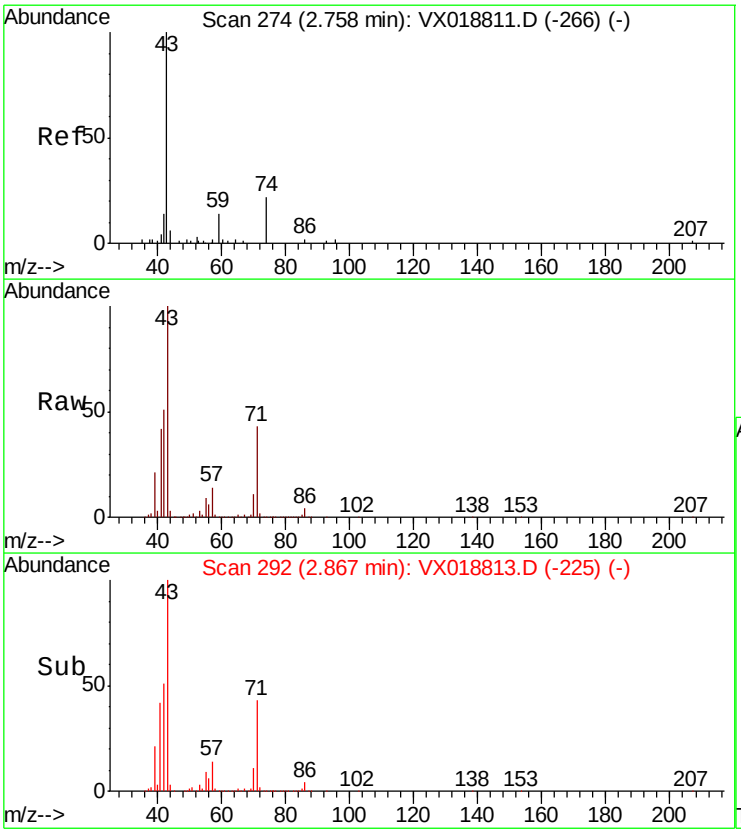
#14
Carbon disulfide
Concen: 0.103 ug/L
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

Tgt Ion: 76 Resp: 2040

Ion	Ratio	Lower	Upper
76	100		
78	23.6	7.4	11.2#

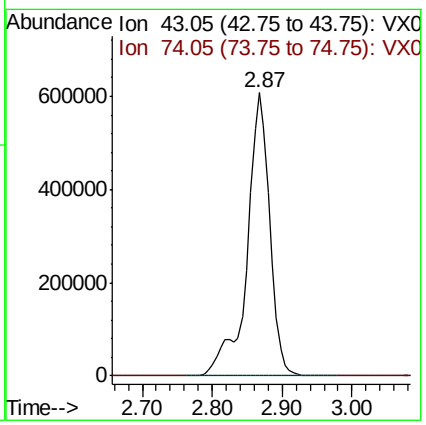


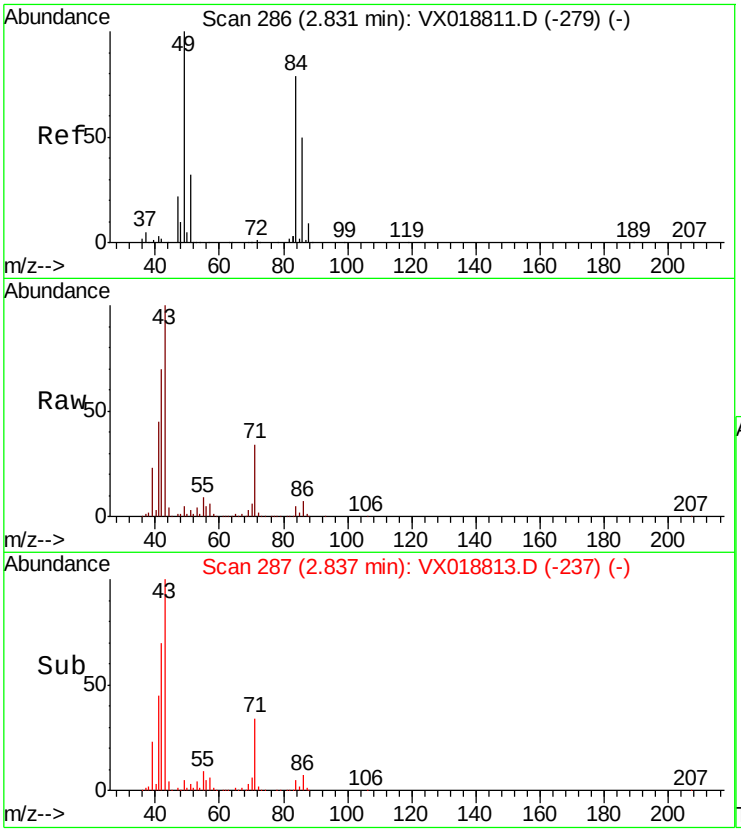


#15
Methyl Acetate
Concen: 524.330 ug/L
RT: 2.87 min Scan# 292
Delta R.T. 0.11 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion: 43 Resp: 1366244

Ion	Ratio	Lower	Upper
43	100		
74	0.1	21.9	32.9#



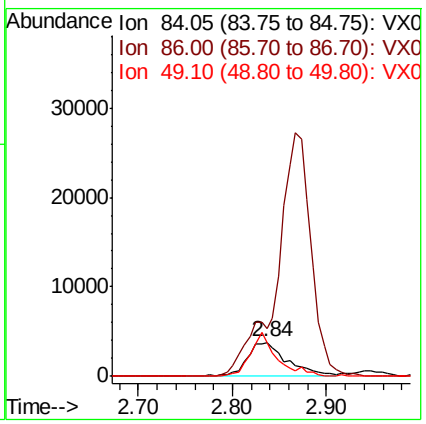


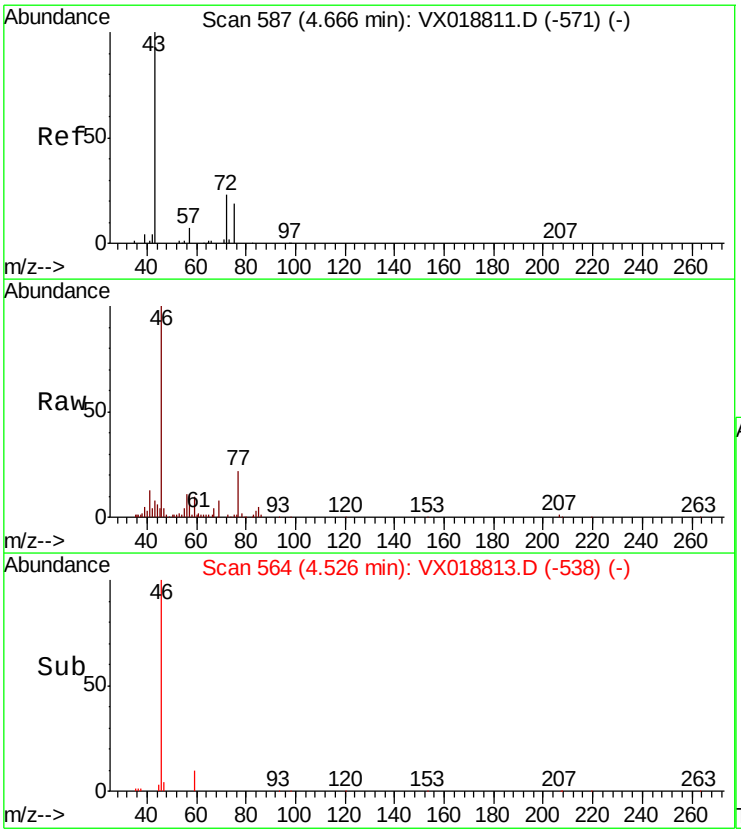
#16
Methylene chloride
Concen: 1.513 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Tgt Ion: 84 Resp: 11580

Ion	Ratio	Lower	Upper
84	100		
86	138.5	45.6	84.8#
49	97.8	85.8	159.3

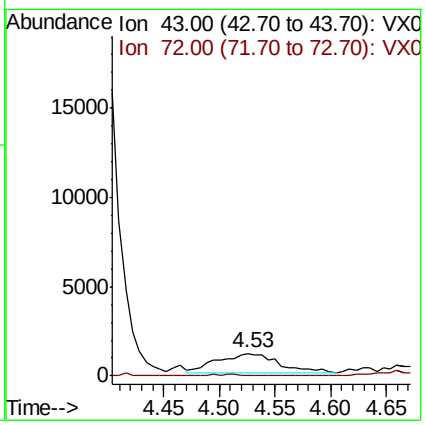


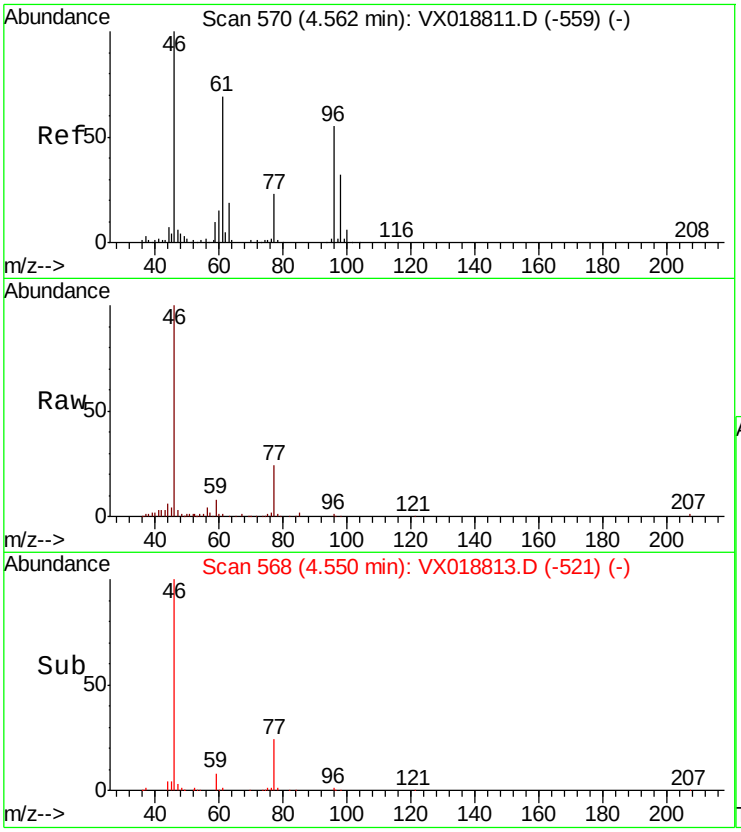


#21
2-Butanone
Concen: 2.563 ug/L
RT: 4.53 min Scan# 564
Delta R.T. -0.14 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion: 43 Resp: 3955

Ion	Ratio	Lower	Upper
43	100		
72	4.1	12.4	37.2#



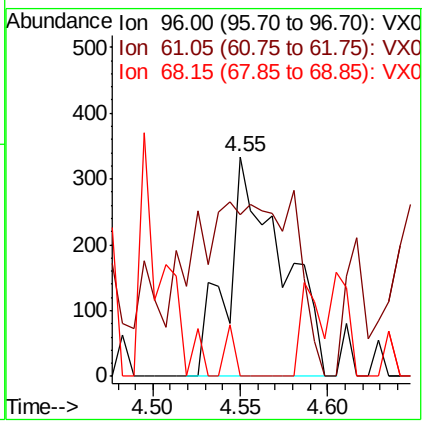


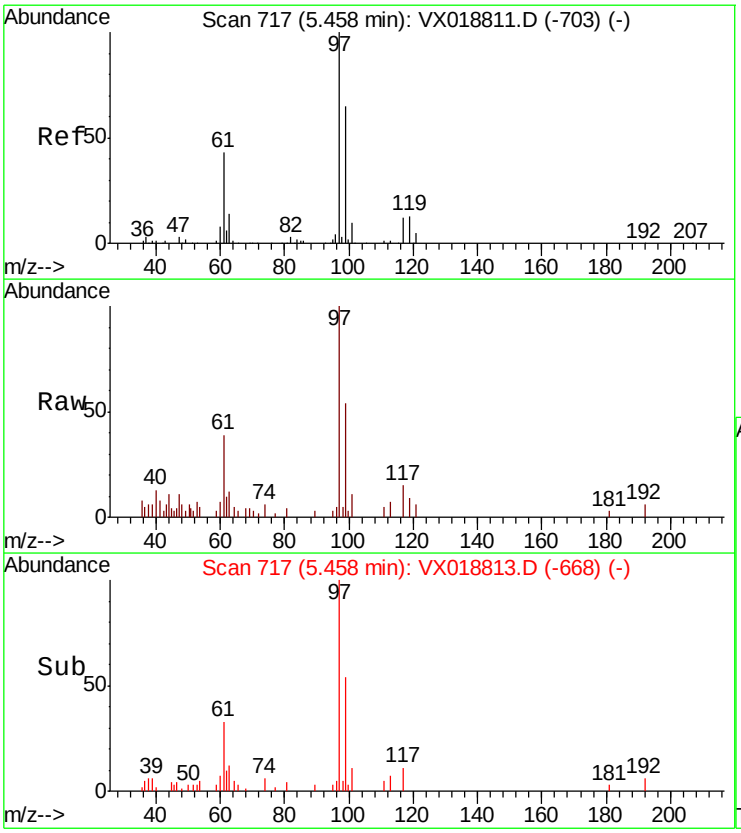
#22
cis-1,2-Dichloroethene
Concen: 0.105 ug/L
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

Tgt Ion: 96 Resp: 732

Ion	Ratio	Lower	Upper
96	100		
61	73.4	86.2	160.0#
68	0.0	0.3	0.7#

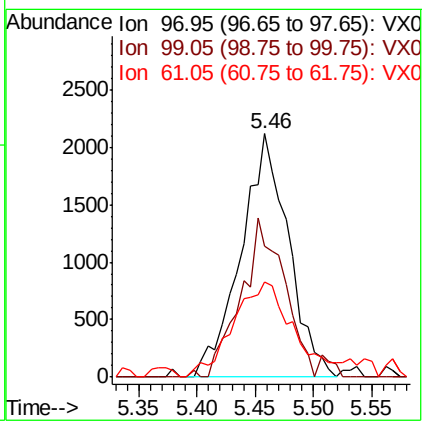


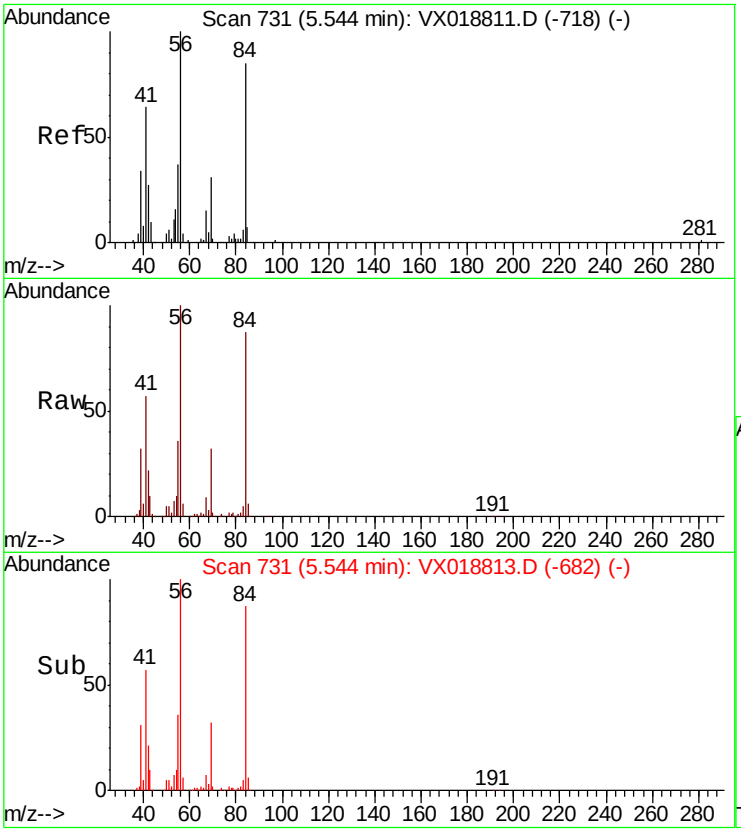


#29
1,1,1-Trichloroethane
Concen: 0.414 ug/L
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion: 97 Resp: 6025

Ion	Ratio	Lower	Upper
97	100		
99	59.4	51.3	76.9
61	49.8	33.3	49.9



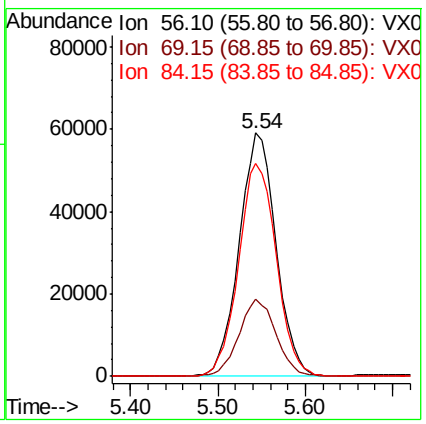


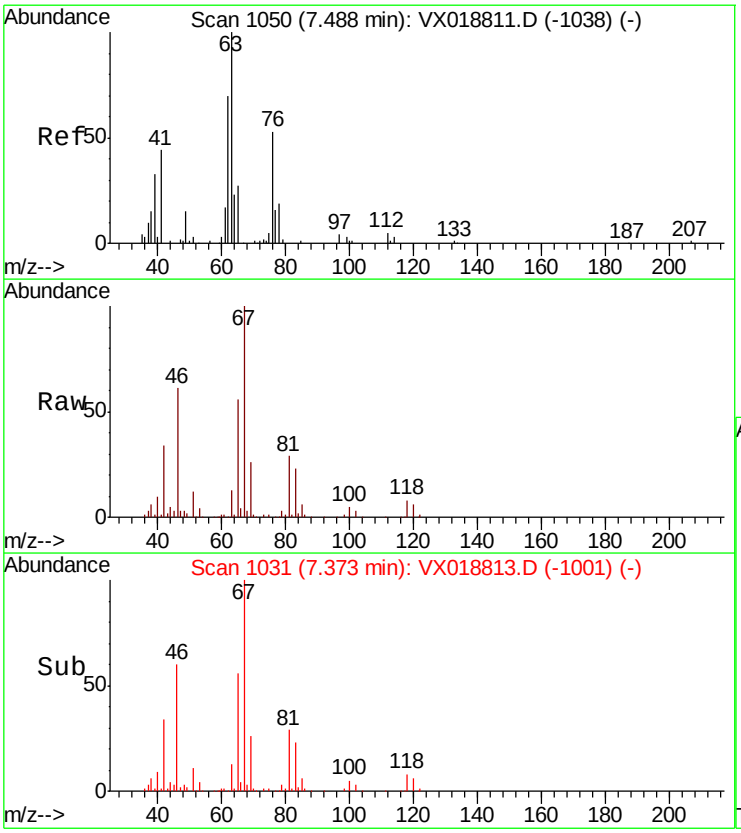
#30
Cyclohexane
Concen: 17.136 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

Tgt Ion: 56 Resp: 173003

Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.0	39.0
84	89.7	73.8	110.6

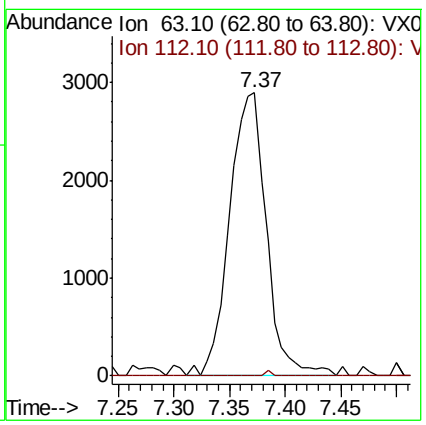


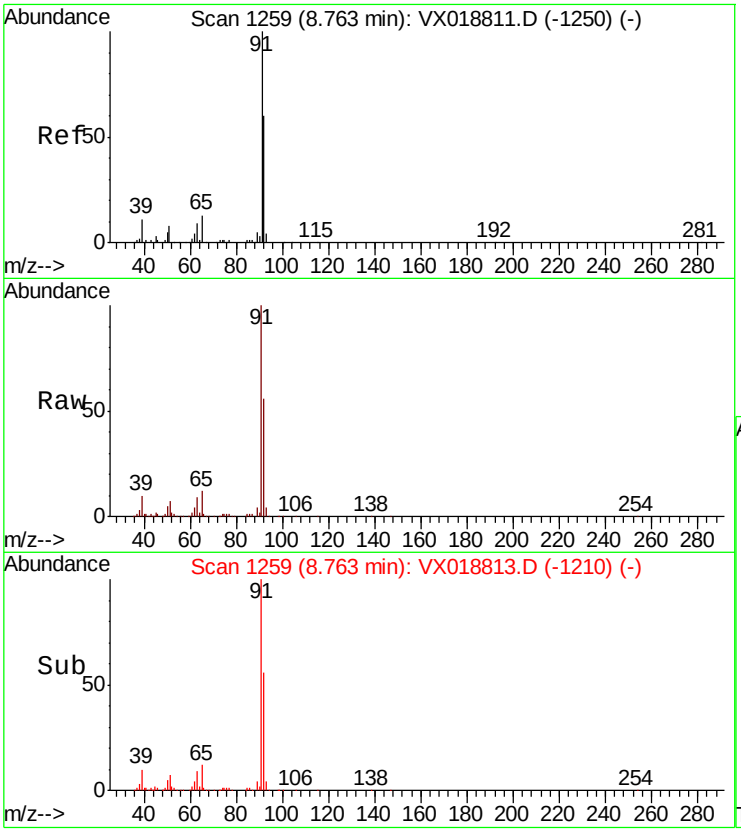


#37
1,2-Dichloropropane
Concen: 1.031 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion: 63 Resp: 6652

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.7	7.1#



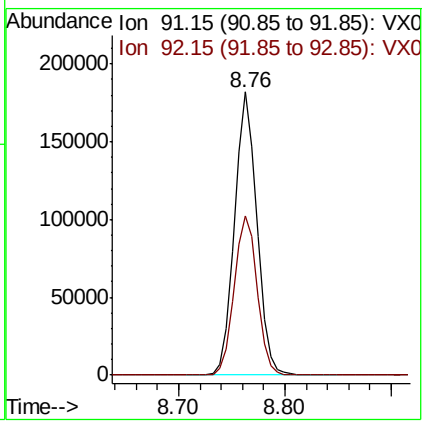


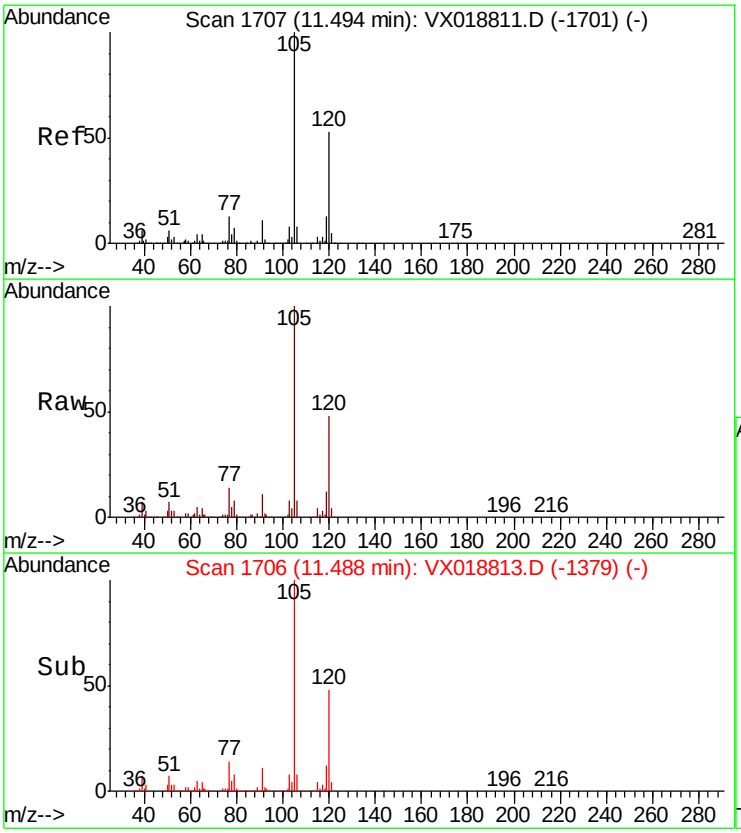
#42
Toluene
Concen: 9.533 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

Tgt Ion: 91 Resp: 268782

Ion	Ratio	Lower	Upper
91	100		
92	56.1	40.3	74.9

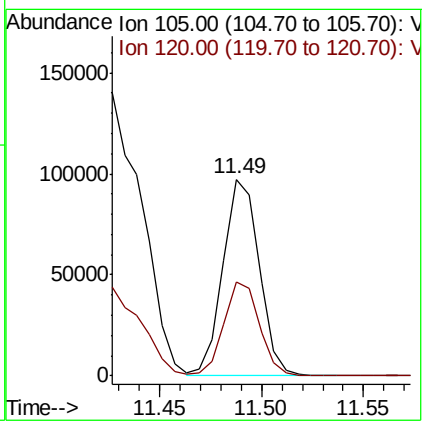


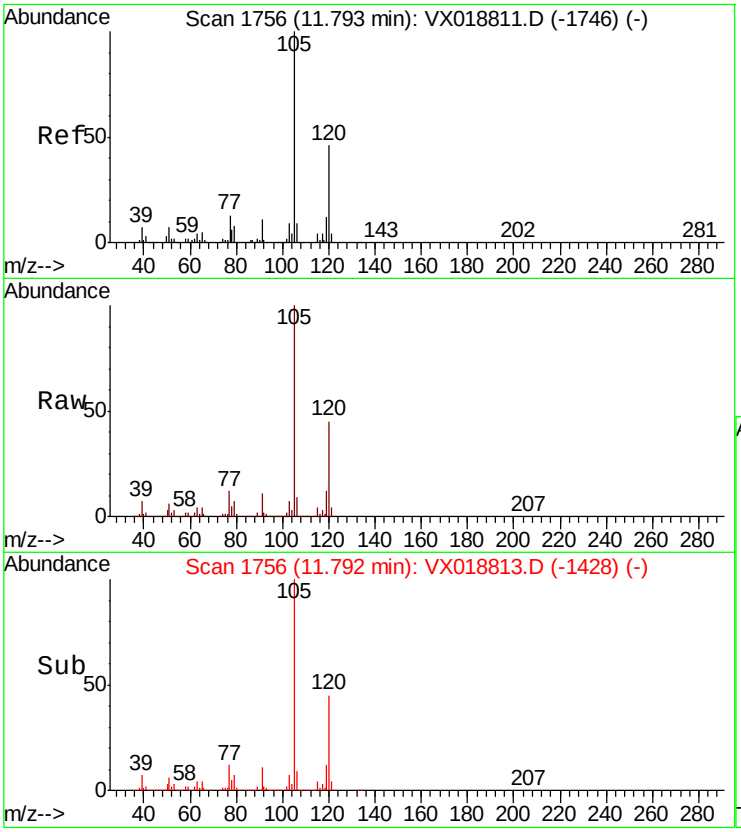


#43
1,3,5-Trimethylbenzene
Concen: 4.471 ug/L
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion:105 Resp: 119302

Ion	Ratio	Lower	Upper
105	100		
120	47.3	37.7	56.5



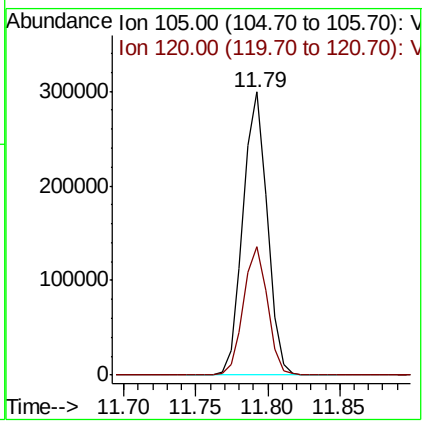


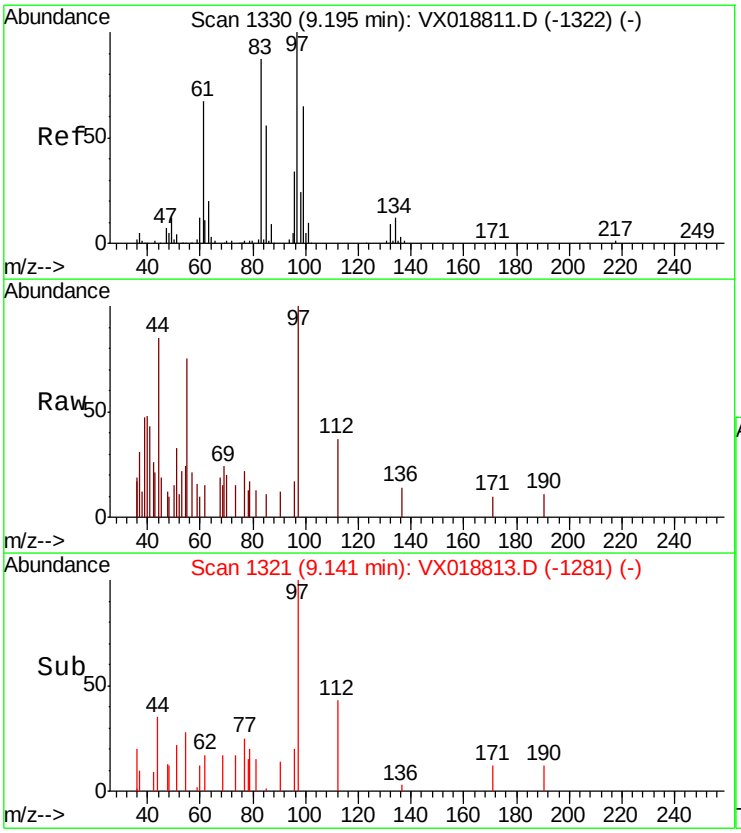
#44
1,2,4-Trimethylbenzene
Concen: 12.897 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Tgt Ion:105 Resp: 349335

Ion	Ratio	Lower	Upper
105	100		
120	44.8	35.1	52.7

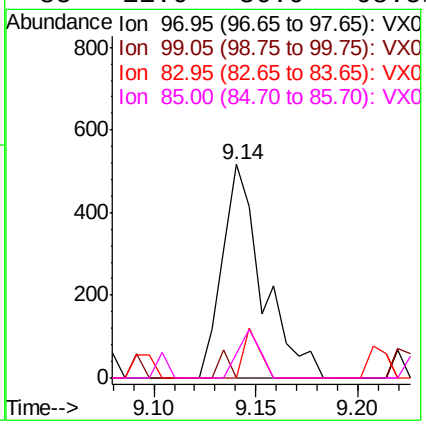


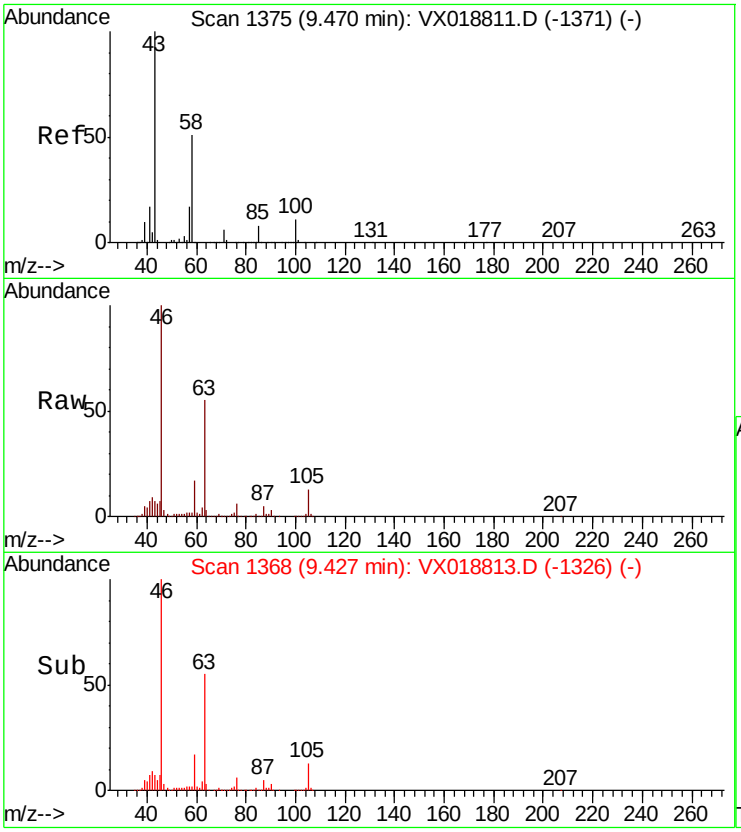


#47
1,1,2-Trichloroethane
Concen: 0.146 ug/L
RT: 9.14 min Scan# 1321
Delta R.T. -0.05 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion: 97 Resp: 709

Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.1	76.3#
83	0.0	57.5	106.7#
85	11.0	36.9	68.5#



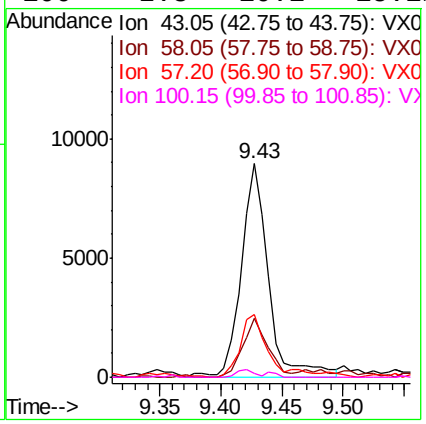


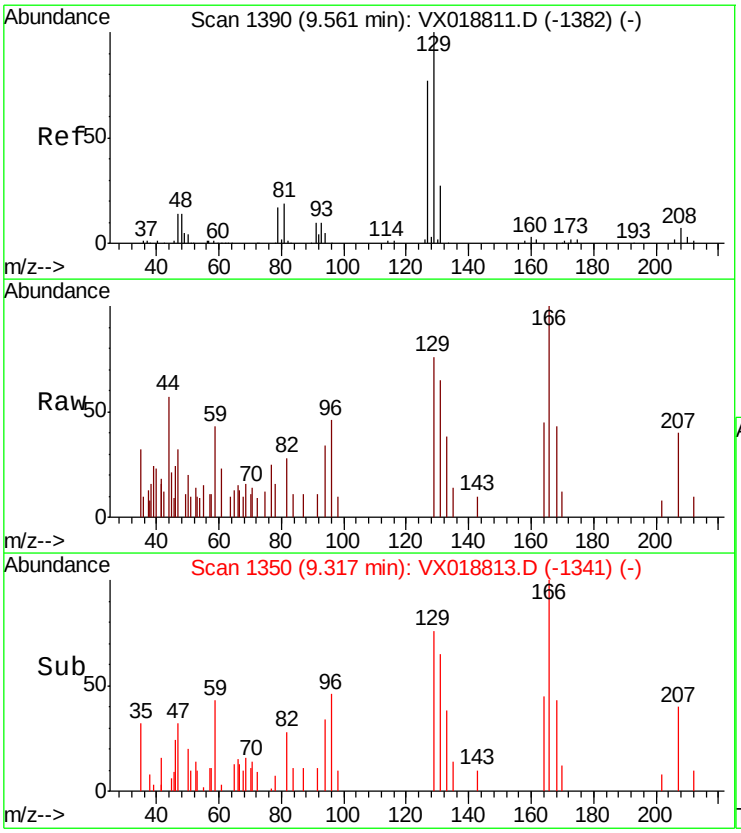
#50
2-Hexanone
Concen: 5.075 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

Tgt Ion: 43 Resp: 13784

Ion	Ratio	Lower	Upper
43	100		
58	25.5	41.0	61.4#
57	30.1	15.9	23.9#
100	2.3	10.1	15.1#

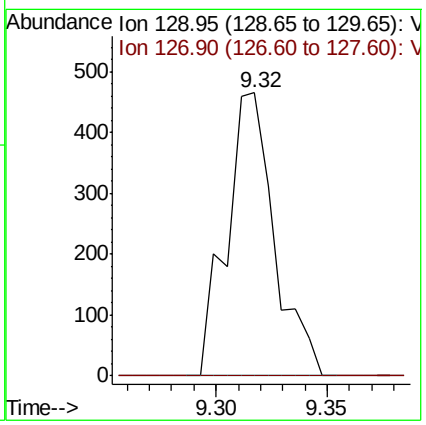


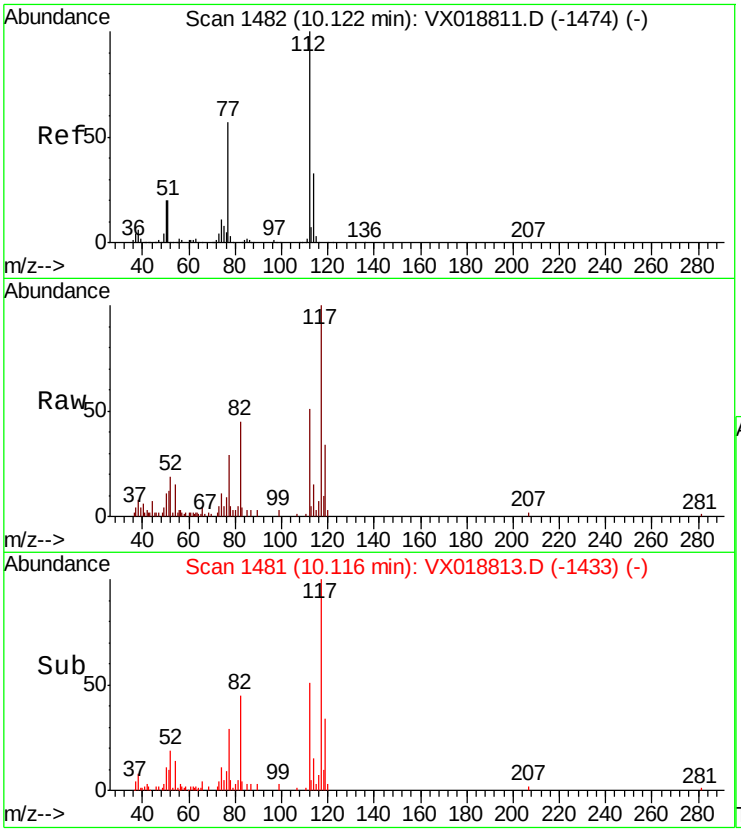


#51
Dibromochloromethane
Concen: 0.098 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. -0.24 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion:129 Resp: 694

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#



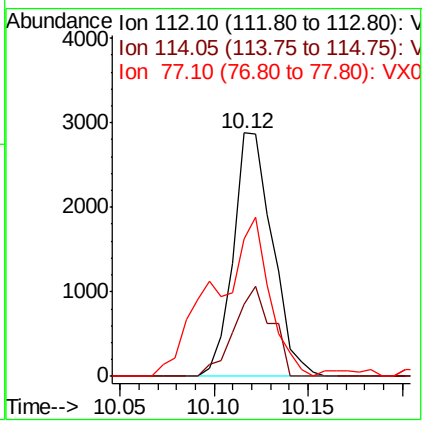


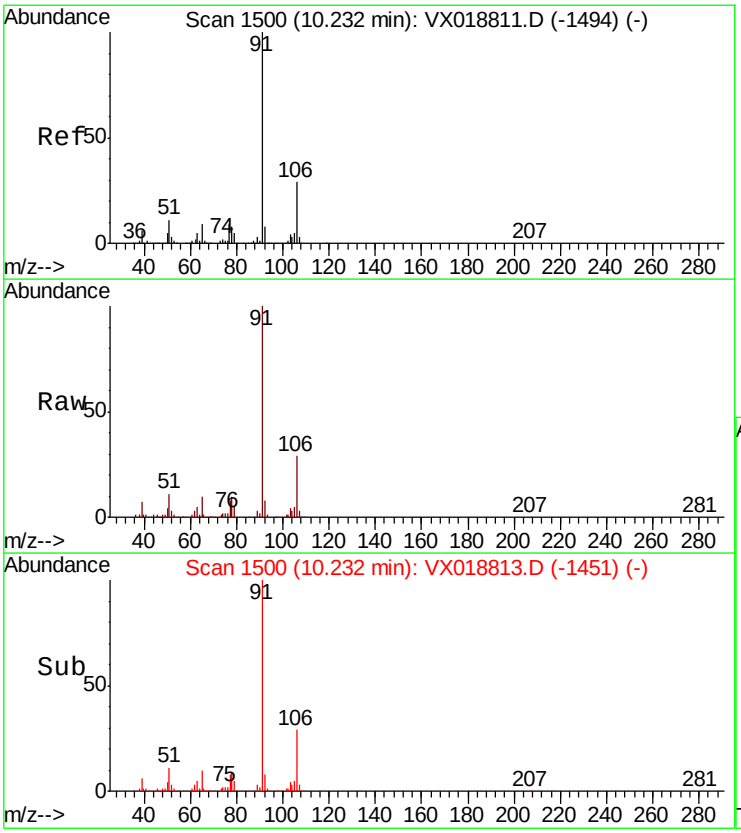
#53
Chlorobenzene
Concen: 0.215 ug/L
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Tgt Ion:112 Resp: 4153

Ion	Ratio	Lower	Upper
112	100		
114	26.6	21.3	39.5
77	51.0	42.4	63.6

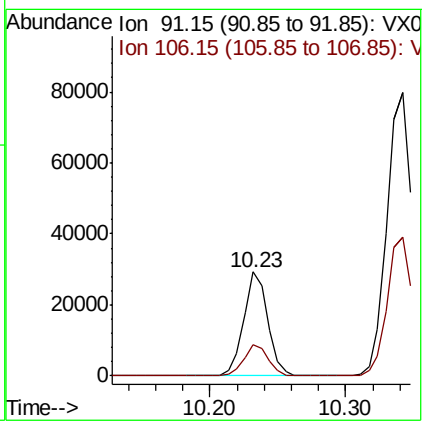


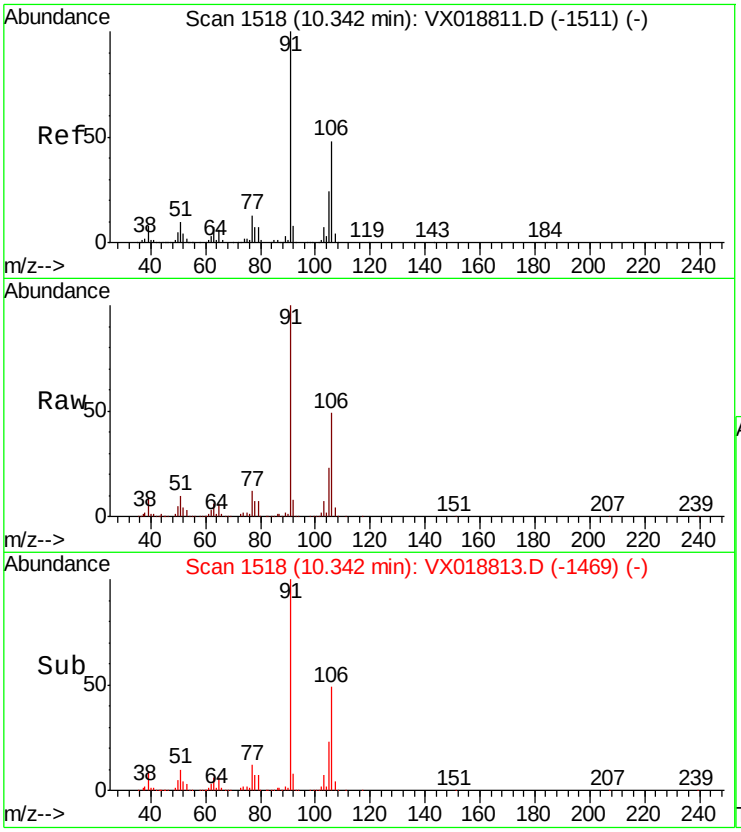


#54
Ethylbenzene
Concen: 1.154 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion: 91 Resp: 36463

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.5	39.9



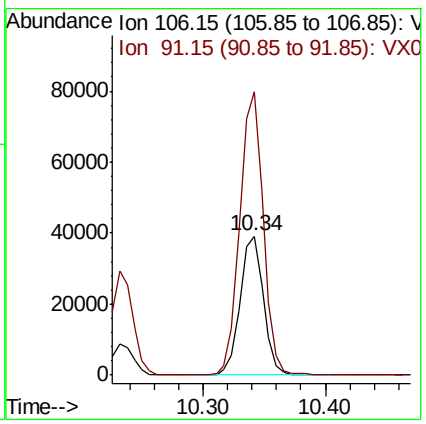


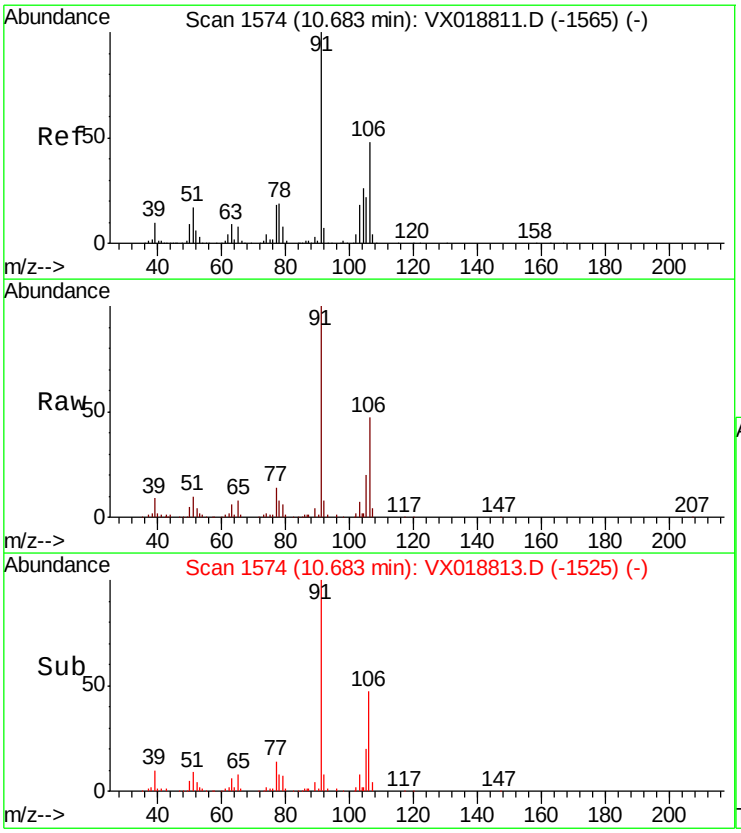
#55
m,p-xylene
Concen: 4.180 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Tgt Ion:106 Resp: 51535

Ion	Ratio	Lower	Upper
106	100		
91	203.2	143.4	266.2

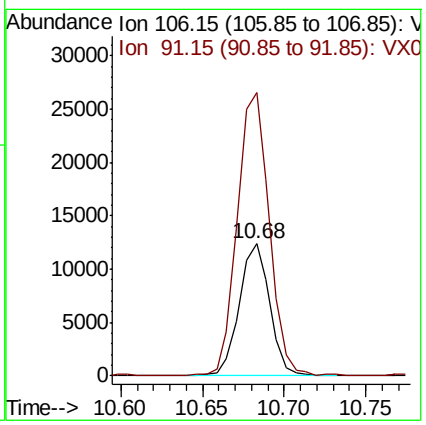


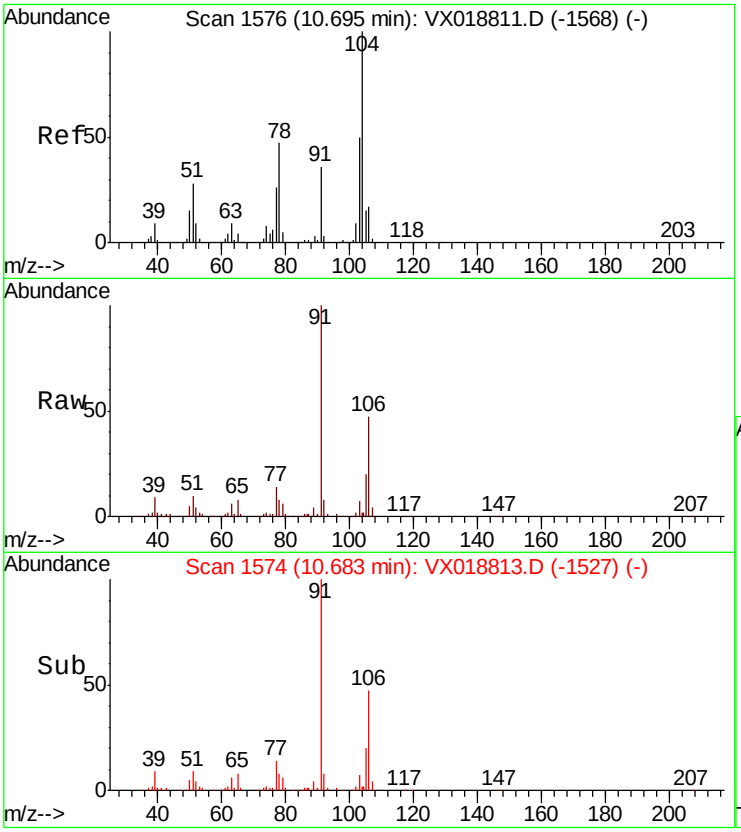


#56
o-xylene
Concen: 1.419 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion:106 Resp: 16165

Ion	Ratio	Lower	Upper
106	100		
91	214.3	153.4	284.8



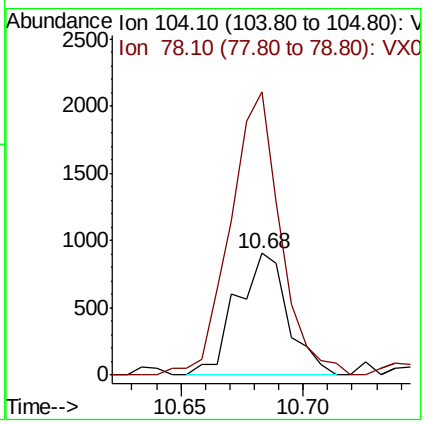


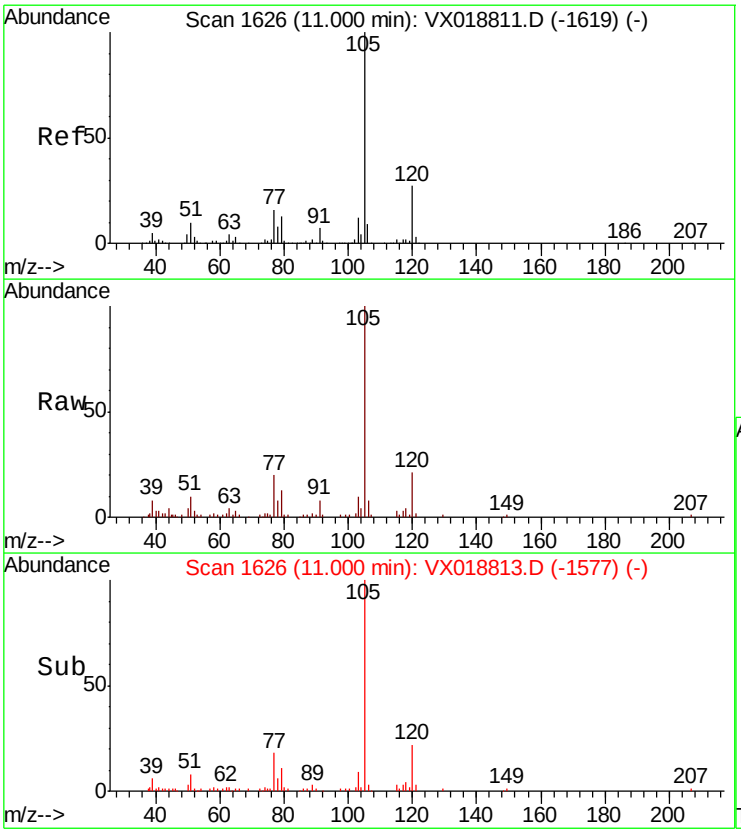
#57
Stvrene
Concen: 0.068 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

Tgt Ion:104 Resp: 1330

Ion	Ratio	Lower	Upper
104	100		
78	232.2	37.1	68.9#

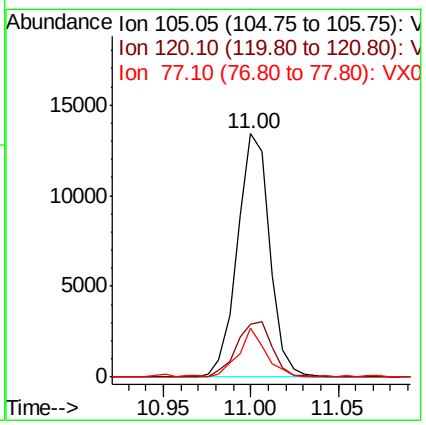


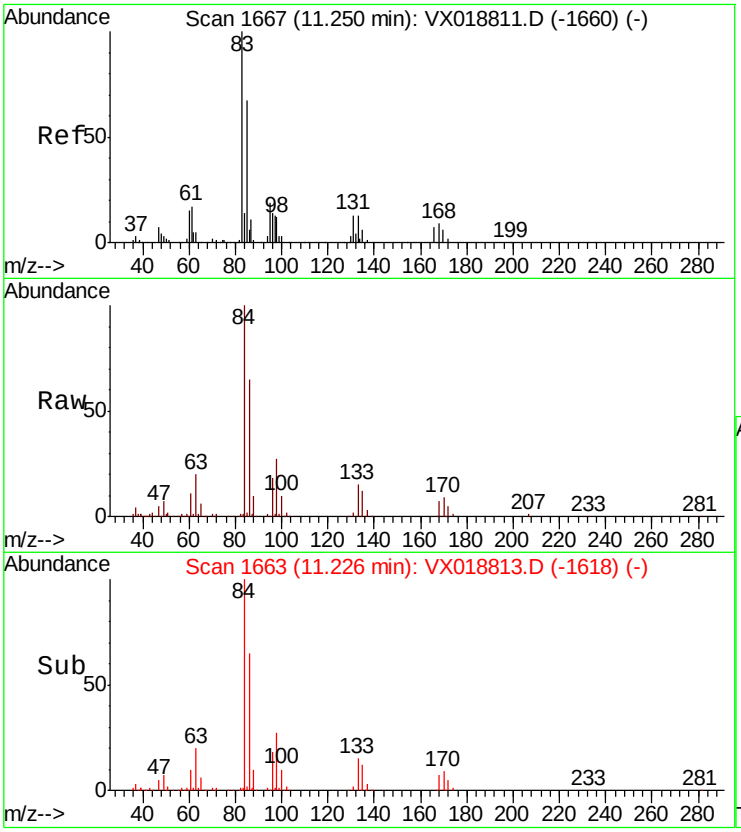


#58
Isopropylbenzene
Concen: 0.539 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion:105 Resp: 17204

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.2	30.2
77	16.8	13.3	19.9



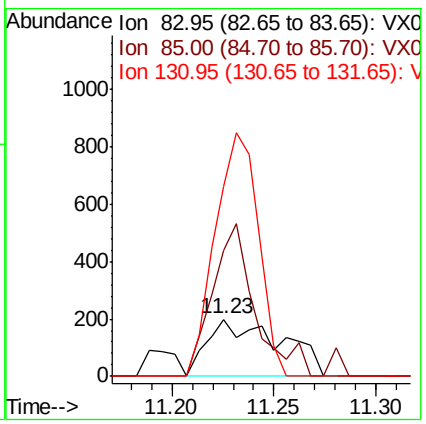


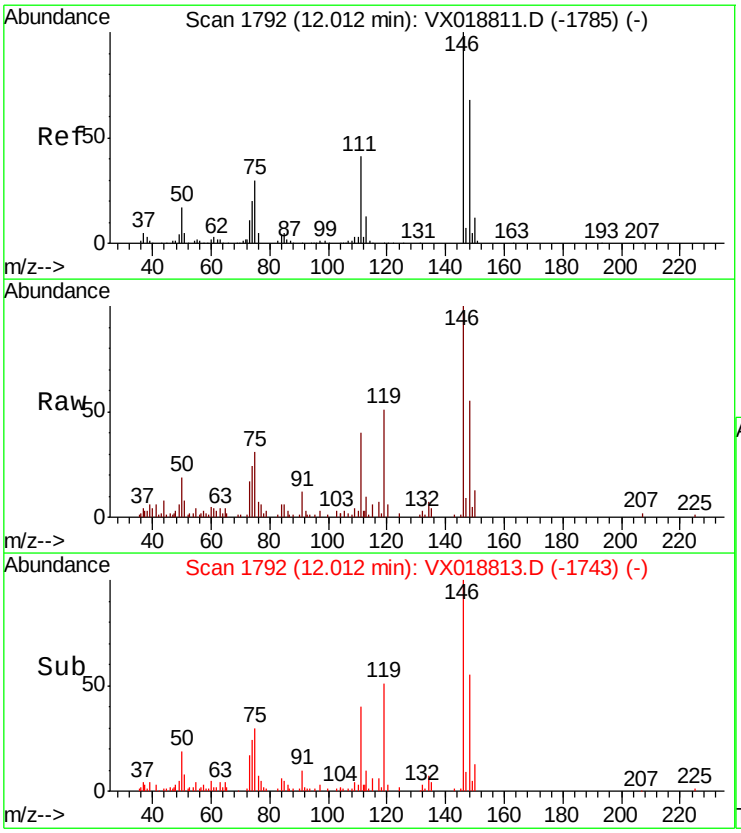
#60
1,1,2,2-Tetrachloroethane
Concen: 0.092 ug/L
RT: 11.23 min Scan# 1663
Delta R.T. -0.02 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Tgt Ion: 83 Resp: 499

Ion	Ratio	Lower	Upper
83	100		
85	222.2	46.5	86.5#
131	333.8	9.6	14.4#

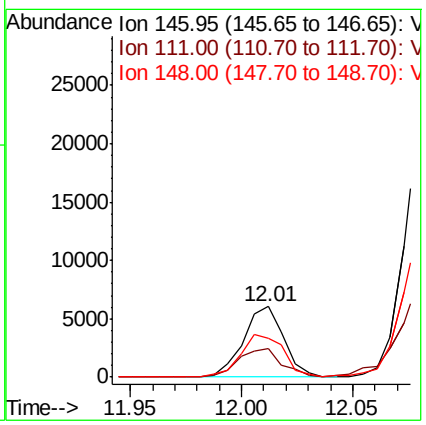


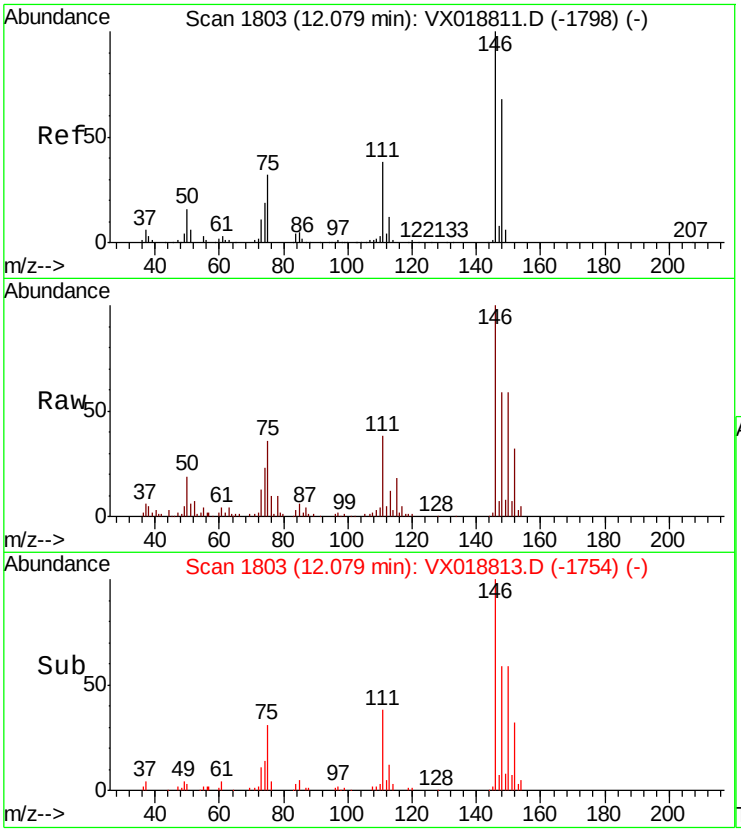


#63
1,3-Dichlorobenzene
Concen: 0.474 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion:146 Resp: 7597

Ion	Ratio	Lower	Upper
146	100		
111	40.3	28.4	52.8
148	54.8	45.9	85.3



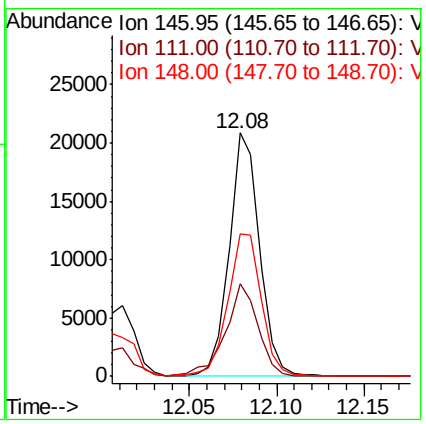


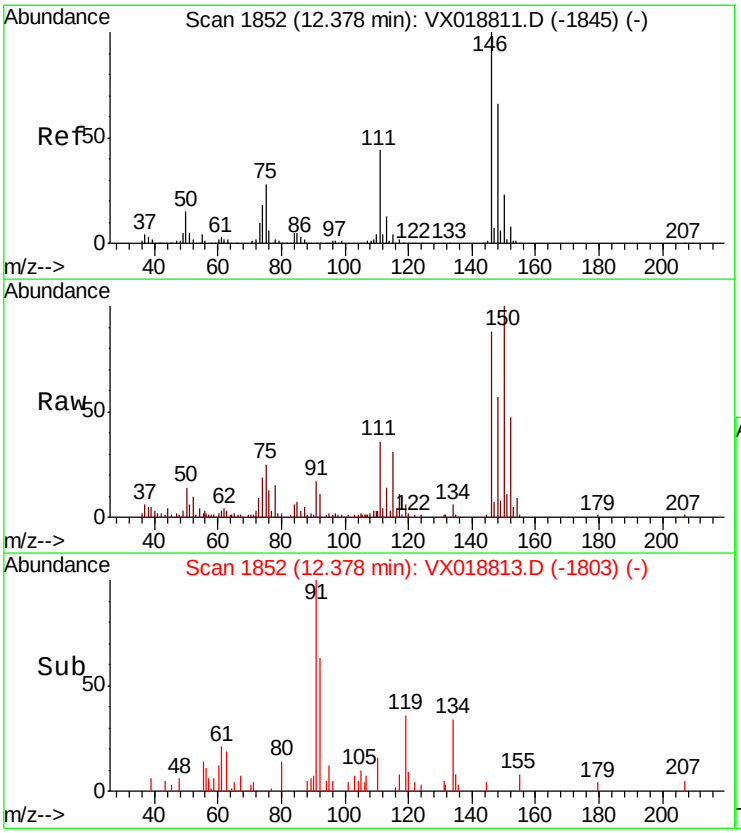
#64
1,4-Dichlorobenzene
Concen: 1.577 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

Tgt Ion:146 Resp: 25224

Ion	Ratio	Lower	Upper
146	100		
111	38.0	28.6	53.2
148	58.8	44.2	82.0

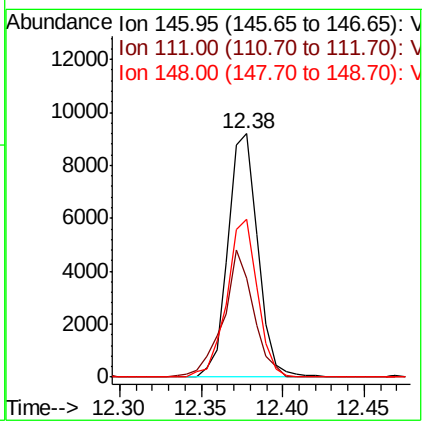


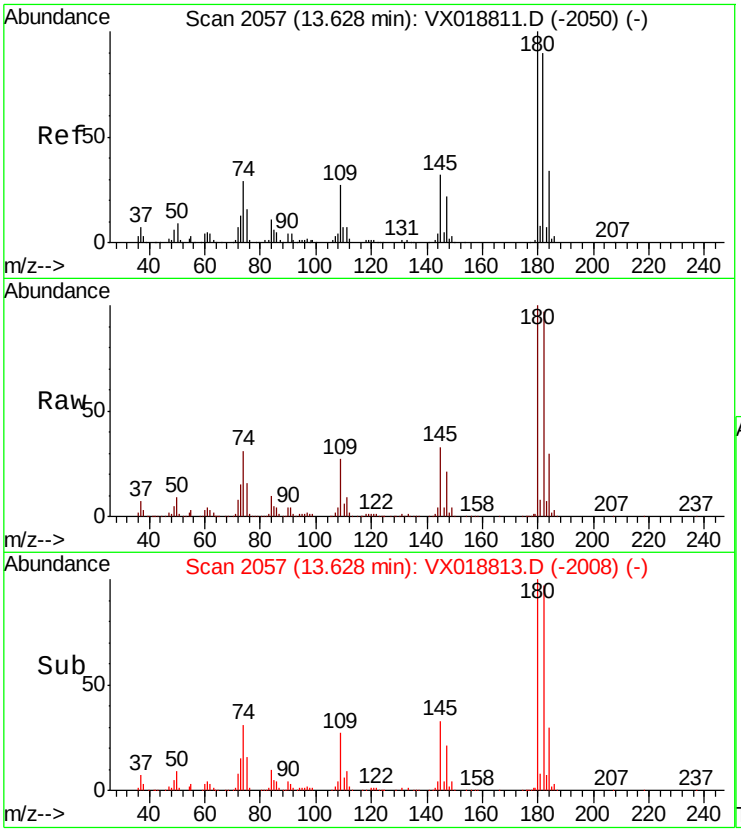


#66
1,2-Dichlorobenzene
Concen: 0.782 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion:146 Resp: 11705

Ion	Ratio	Lower	Upper
146	100		
111	40.7	31.7	47.5
148	64.6	49.0	73.6



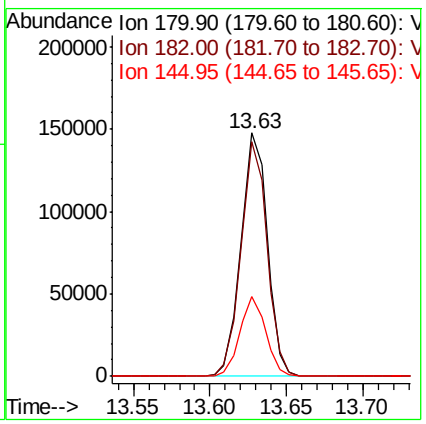


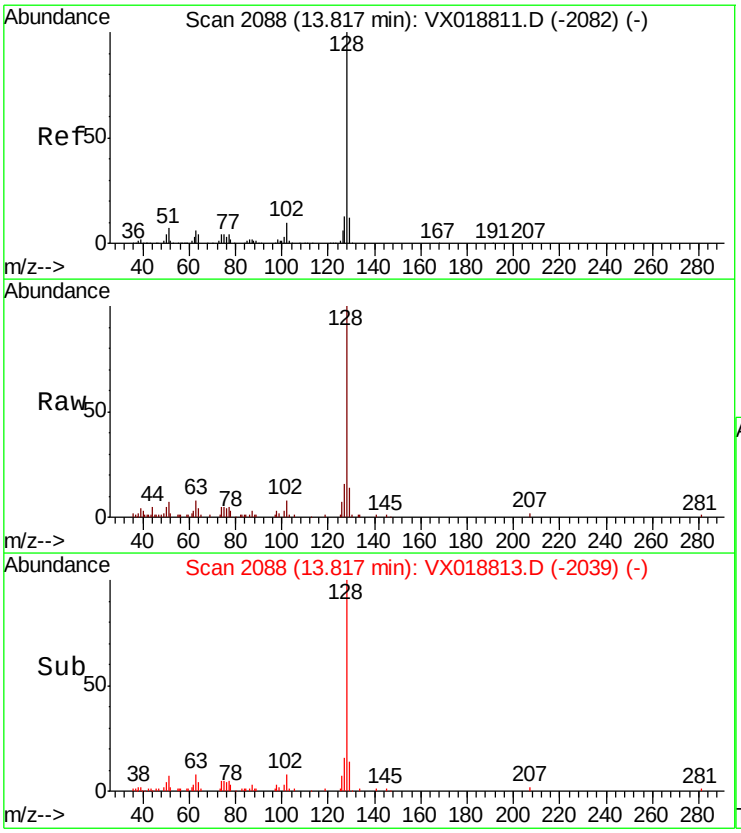
#69
1,2,4-trichlorobenzene
Concen: 17.319 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

Tgt Ion:180 Resp: 177462

Ion	Ratio	Lower	Upper
180	100		
182	95.2	80.2	120.4
145	32.1	25.2	37.8

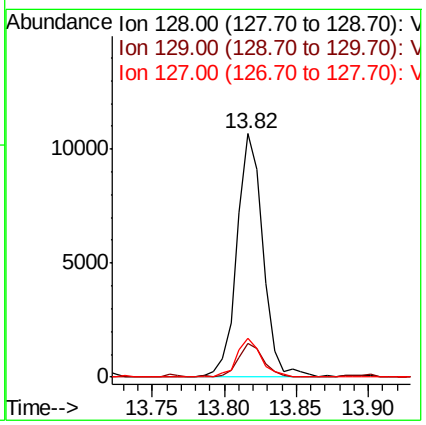


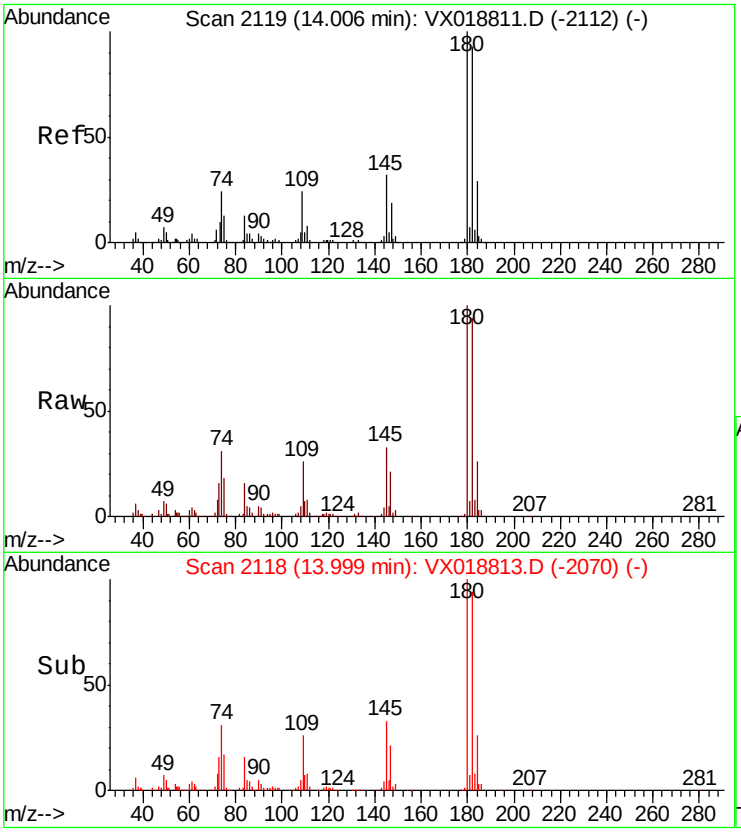


#70
Naphthalene
Concen: 0.804 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Tgt Ion:128 Resp: 13471

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.0	13.4
127	14.8	10.5	15.7





#71
1,2,3-Trichlorobenzene
Concen: 5.745 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018813.D
Acq: 07 Oct 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9DL

Tgt Ion:180 Resp: 52962

Ion	Ratio	Lower	Upper
180	100		
182	91.2	73.6	110.4
145	34.1	26.6	40.0