Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070220\
Data File : VX017145.D
Acq On : 02 Jul 2020 14:01
Operator : JC/SP
Sample : L3194-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TB-2020-1-7

Quant Time: Jul 03 00:48:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	4.99	128	40498	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.83	114	199111	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	191575	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.03	65	88546	28.09	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 93.63%				
60) 4-Bromofluorobenzene	11.12	95	84998	26.60	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 88.67%				
63) Toluene-d8	8.70	98	237158	28.08	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 93.60%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1053	0.394	ug/l		89
13) Acrolein	2.09	56	93	0.202	ug/l		92
15) Acetone	2.42	58	1765	4.924	ug/l		84
16) Carbon Disulfide	2.56	76	2142	0.294	ug/l	#	68
17) Allyl chloride	2.57	41	2275	0.524	ug/l		86
18) Methylene Chloride	2.84	84	2926	1.048	ug/l		86
51) Ethyl methacrylate	8.70	69	1043	0.287	ug/l		92
77) t-1,4-Dichloro-2-butene	11.12	75	41997	30.767	ug/l	#	12
84) 1,4-Dichlorobenzene	12.08	146	1177	0.227	ug/l		93
89) 1,2,4-Trichlorobenzene	13.63	180	1159	0.355	ug/l		97
90) Hexachlorobutadiene	13.76	225	767	0.618	ug/l		94
91) Naphthalene	13.82	128	2177	0.204	ug/l	#	91
92) 1,2,3-Trichlorobenzene	14.01	180	1036	0.325	ug/l		93

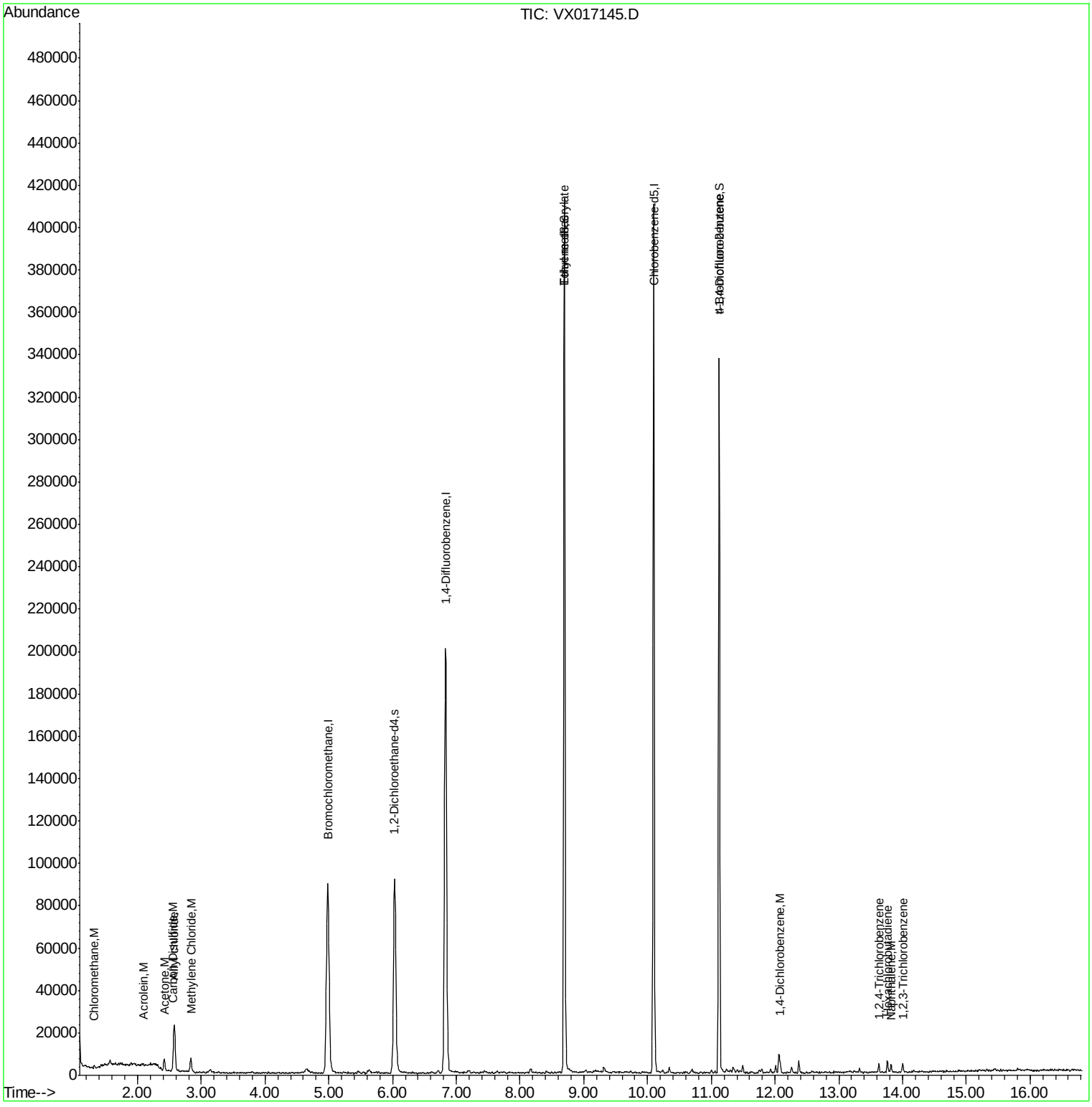
(#) = qualifier out of range (m) = manual integration (+) = signals summed

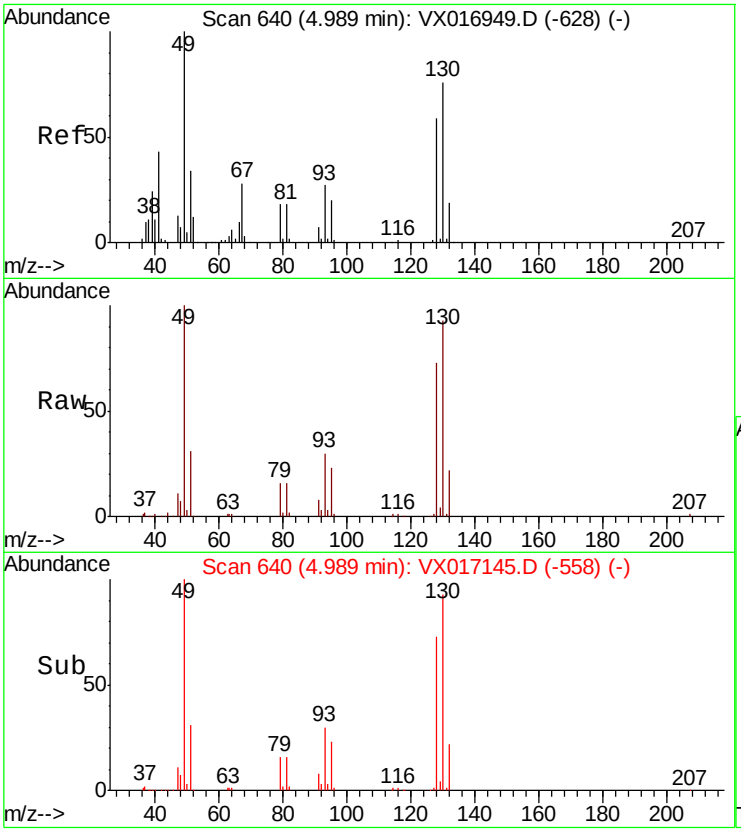
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070220\
Data File : VX017145.D
Acq On : 02 Jul 2020 14:01
Operator : JC/SP
Sample : L3194-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-2020-1-7

Quant Time: Jul 03 00:48:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration



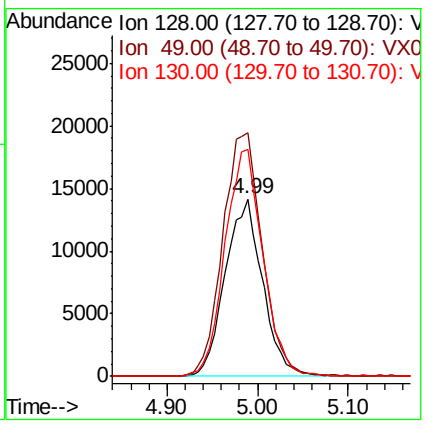


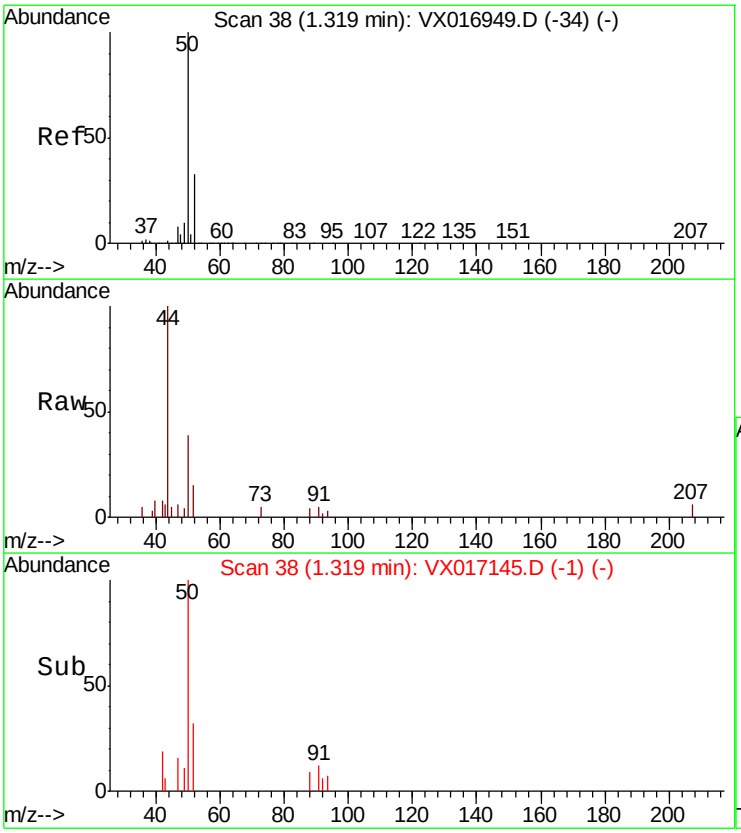
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.99 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2020-1-7

Tgt Ion:128 Resp: 40498

Ion	Ratio	Lower	Upper
128	100		
49	145.1	0.0	428.0
130	130.0	0.0	318.0

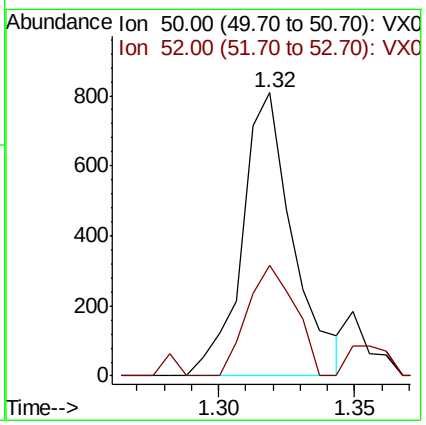


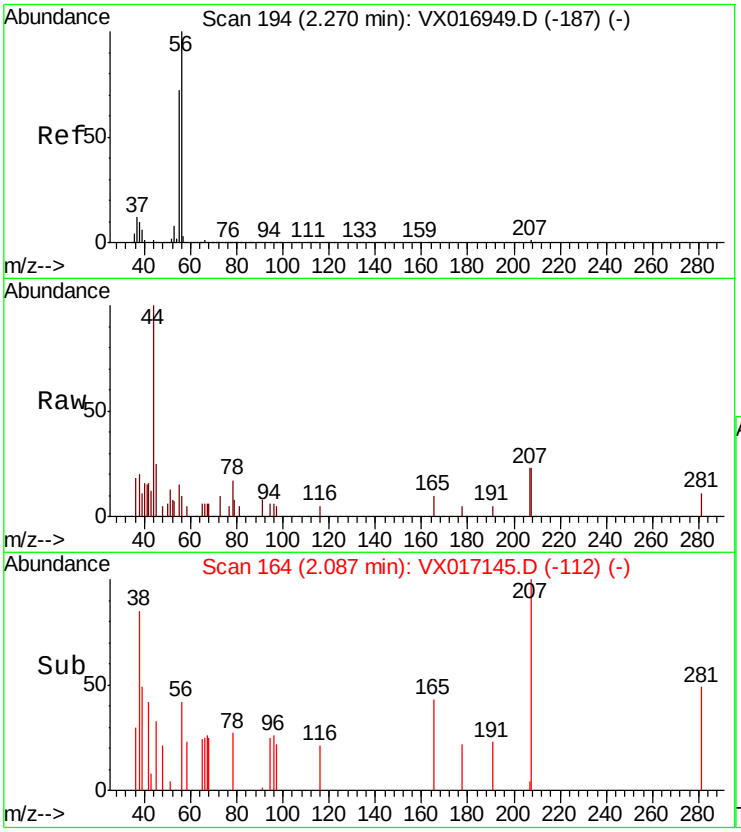


#3
Chloromethane
Concen: 0.394 ug/l
RT: 1.32 min Scan# 38
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Tgt Ion: 50 Resp: 1053

Ion	Ratio	Lower	Upper
50	100		
52	39.1	26.5	39.7



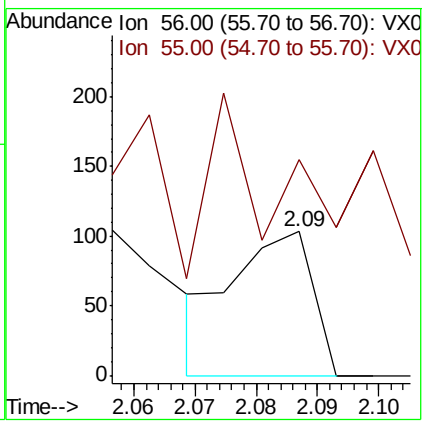


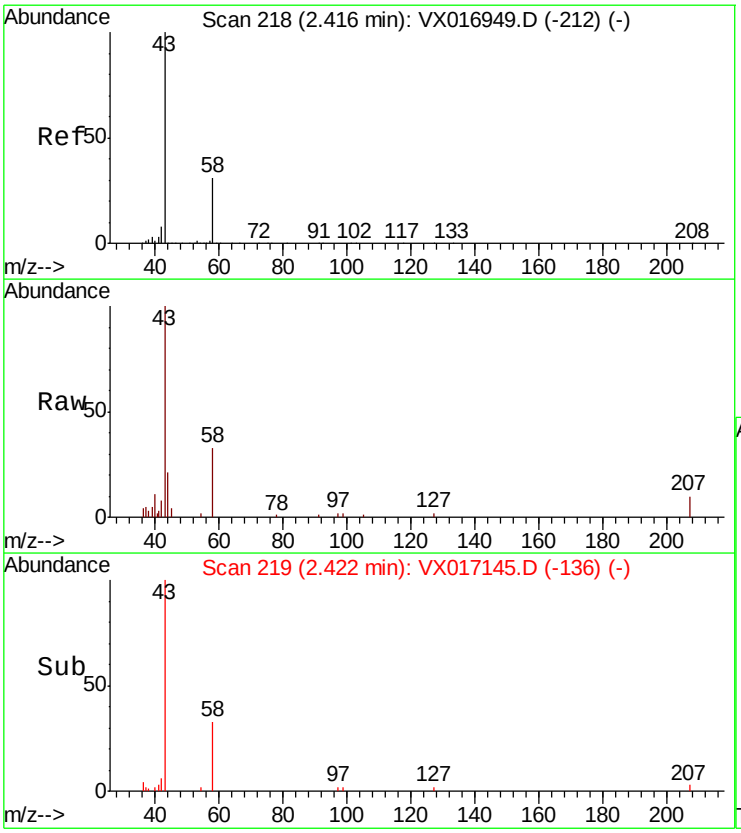
#13
Acrolein
Concen: 0.202 ug/l
RT: 2.09 min Scan# 164
Delta R.T. -0.18 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2020-1-7

Tgt Ion: 56 Resp: 93

Ion	Ratio	Lower	Upper
56	100		
55	63.4	56.2	84.4

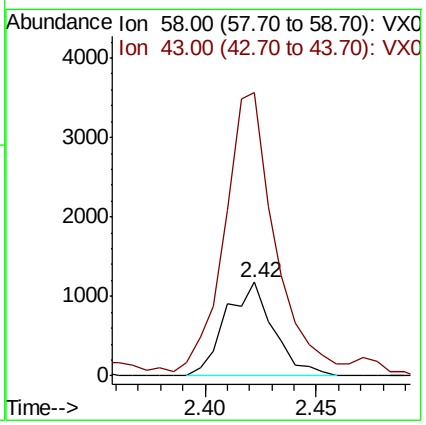


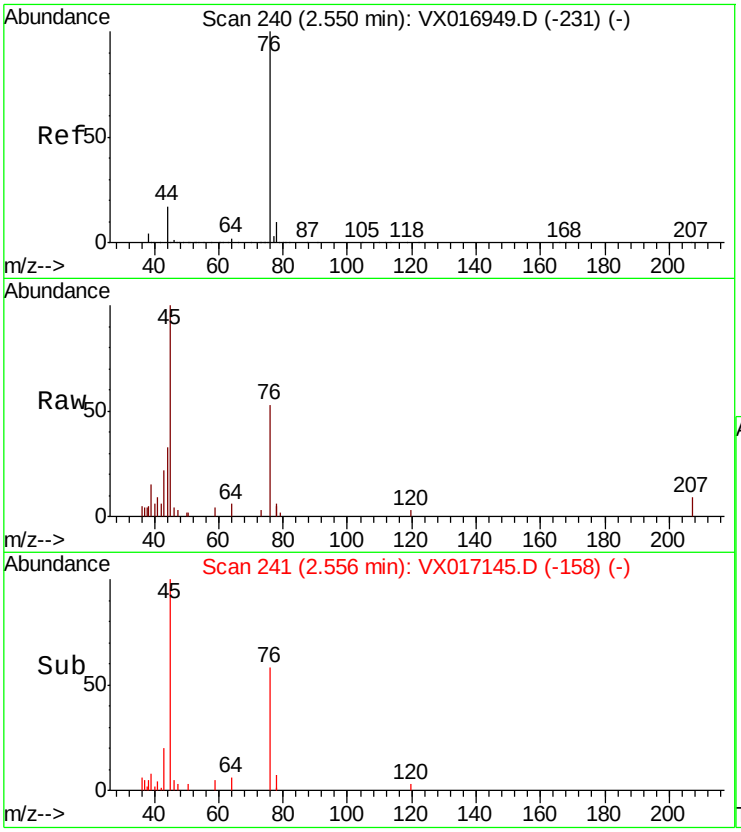


#15
Acetone
Concen: 4.924 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Tgt Ion: 58 Resp: 1765

Ion	Ratio	Lower	Upper
58	100		
43	289.8	257.6	386.4



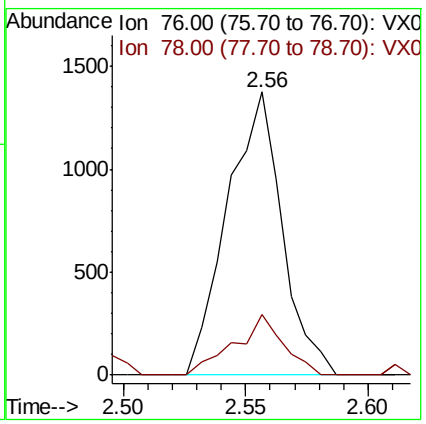


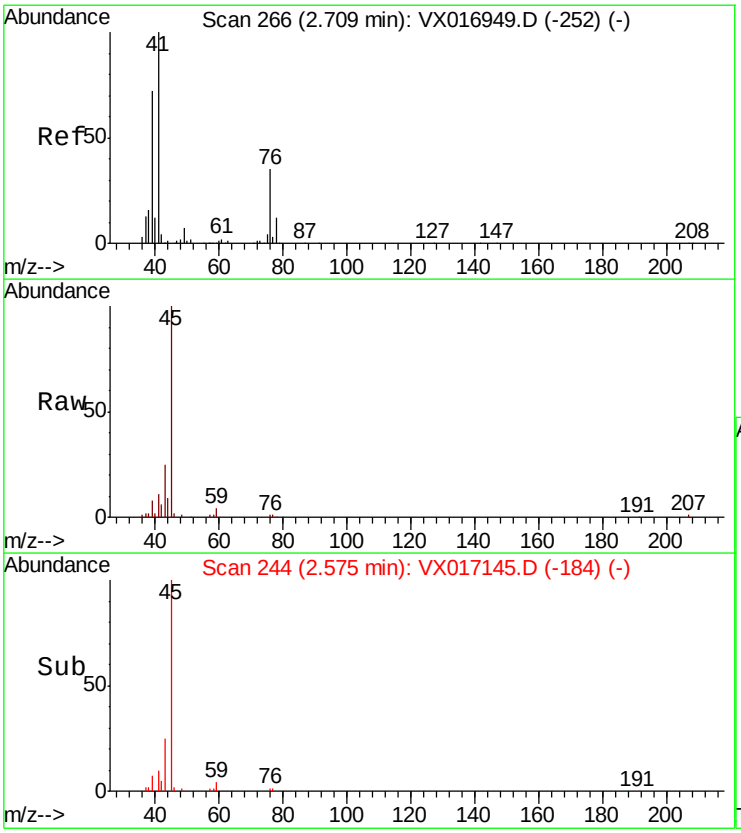
#16
Carbon Disulfide
Concen: 0.294 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2020-1-7

Tgt Ion: 76 Resp: 2142

Ion	Ratio	Lower	Upper
76	100		
78	21.4	7.6	11.4#

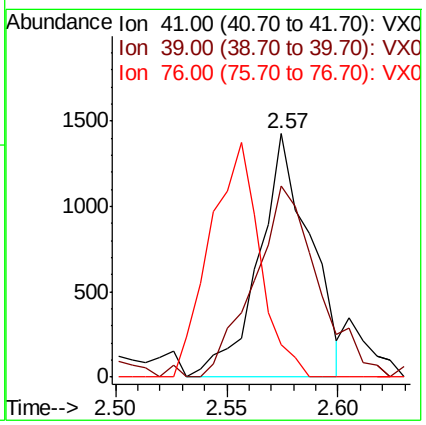


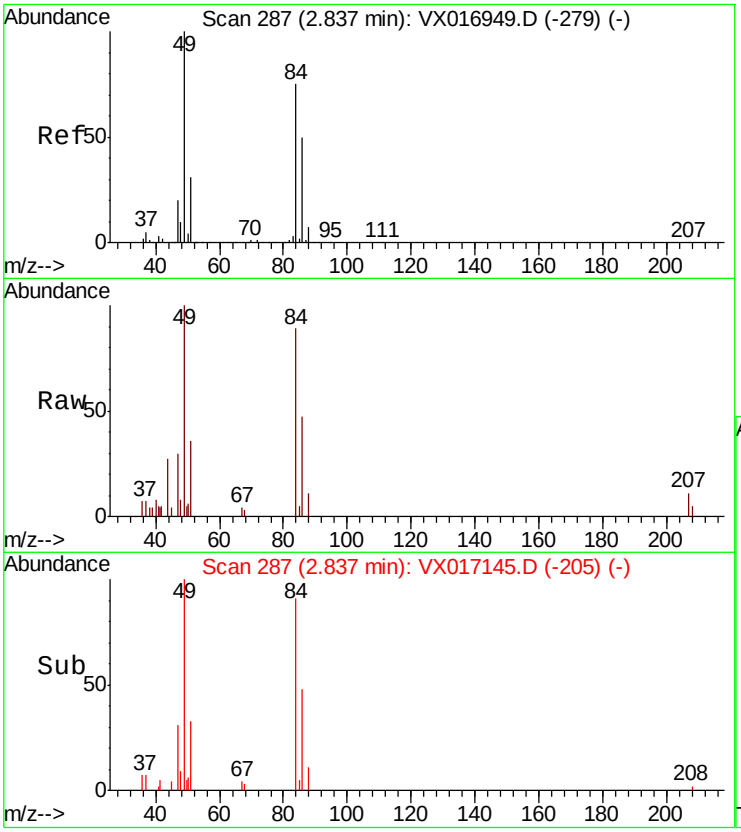


#17
Allyl chloride
Concen: 0.524 ug/l
RT: 2.57 min Scan# 244
Delta R.T. -0.13 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Tgt Ion: 41 Resp: 2275

Ion	Ratio	Lower	Upper
41	100		
39	78.6	35.9	107.8
76	19.8	17.6	52.8



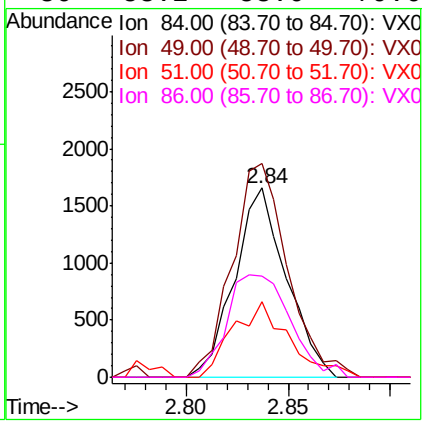


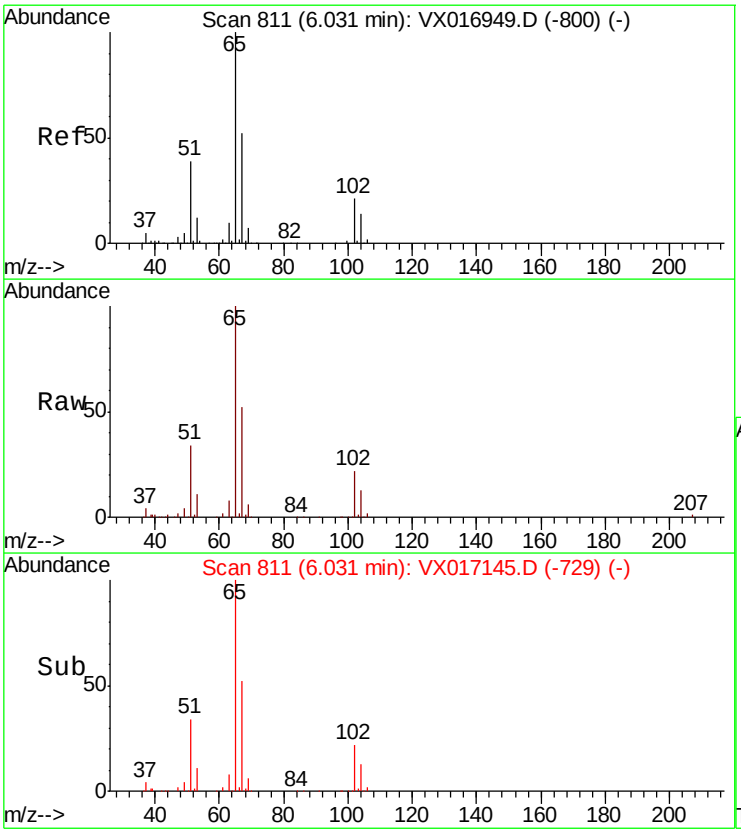
#18
Methylene Chloride
Concen: 1.048 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2020-1-7

Tgt Ion: 84 Resp: 2926

Ion	Ratio	Lower	Upper
84	100		
49	112.9	106.6	159.8
51	40.2	32.7	49.1
86	53.2	53.0	79.6

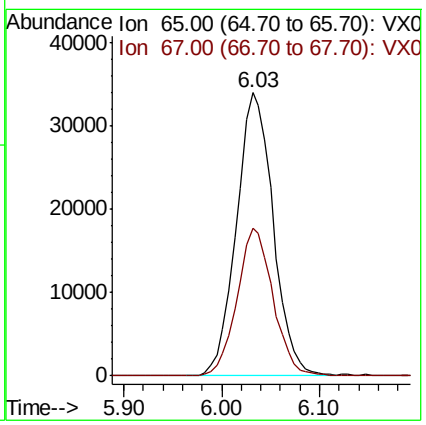


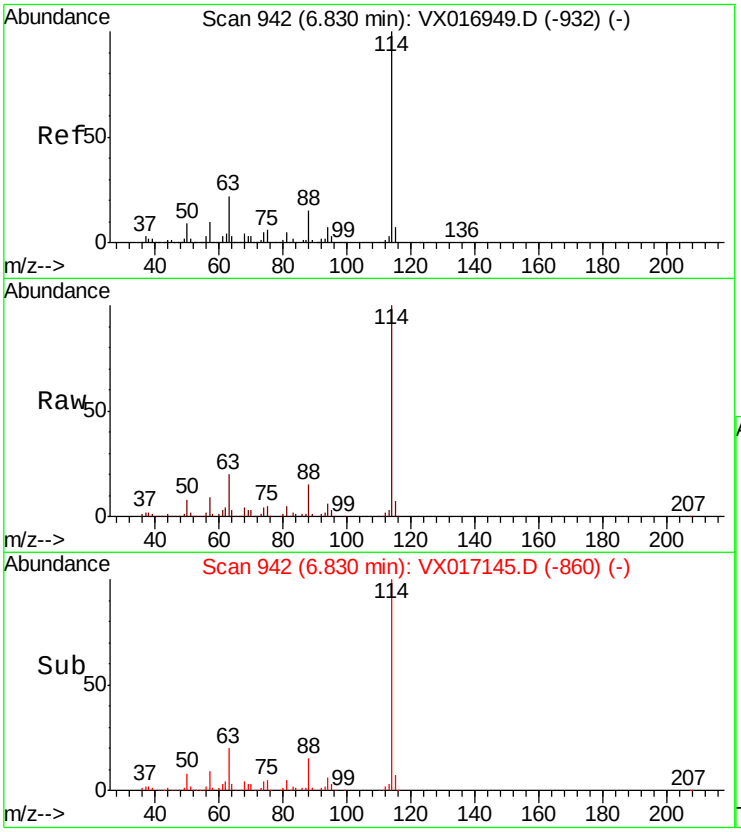


#27
1,2-Dichloroethane-d4
Concen: 28.091 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Tgt Ion: 65 Resp: 88546

Ion	Ratio	Lower	Upper
65	100		
67	51.2	41.5	62.3



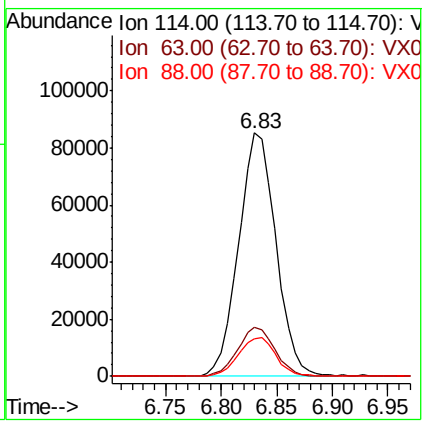


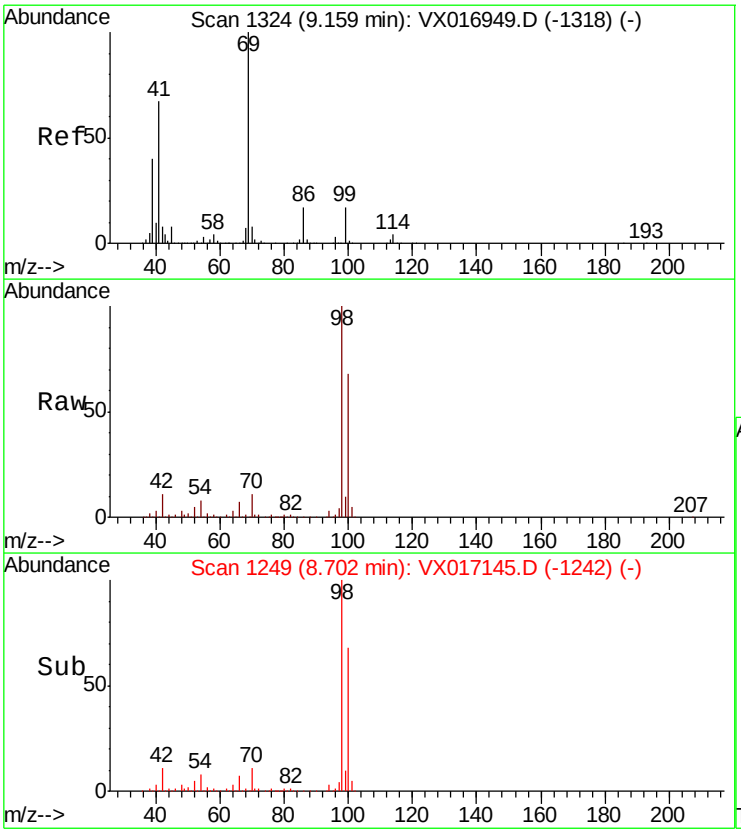
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2020-1-7

Tgt Ion:114 Resp: 199111

Ion	Ratio	Lower	Upper
114	100		
63	20.1	17.4	26.2
88	16.0	13.0	19.6

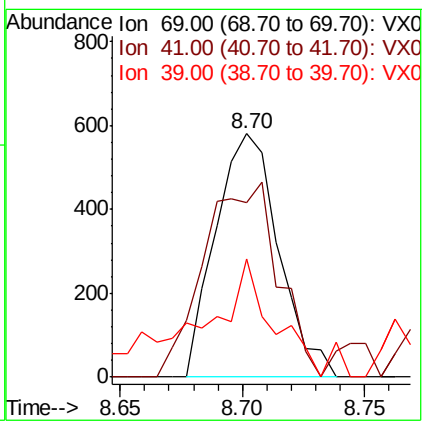


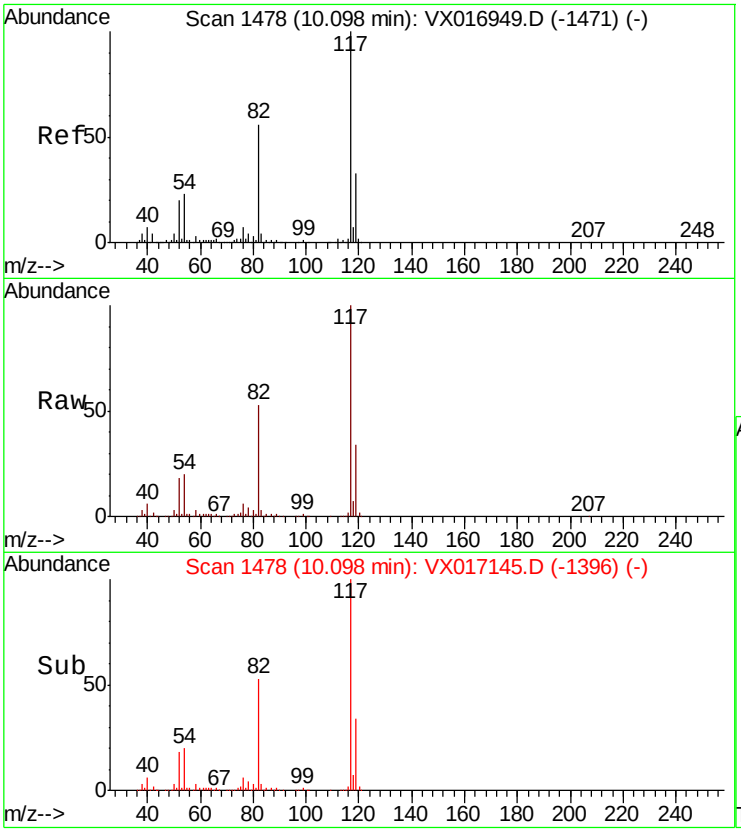


#51
Ethyl methacrylate
Concen: 0.287 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. -0.46 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Tgt Ion: 69 Resp: 1043

Ion	Ratio	Lower	Upper
69	100		
41	61.3	33.7	101.1
39	33.7	19.9	59.7



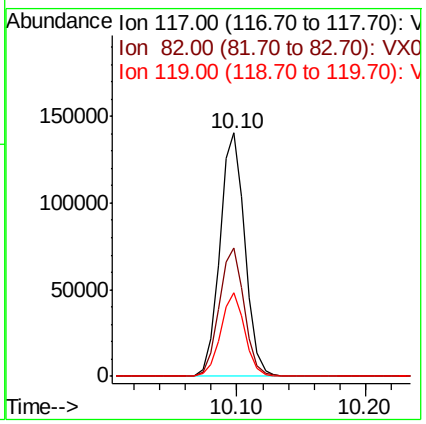


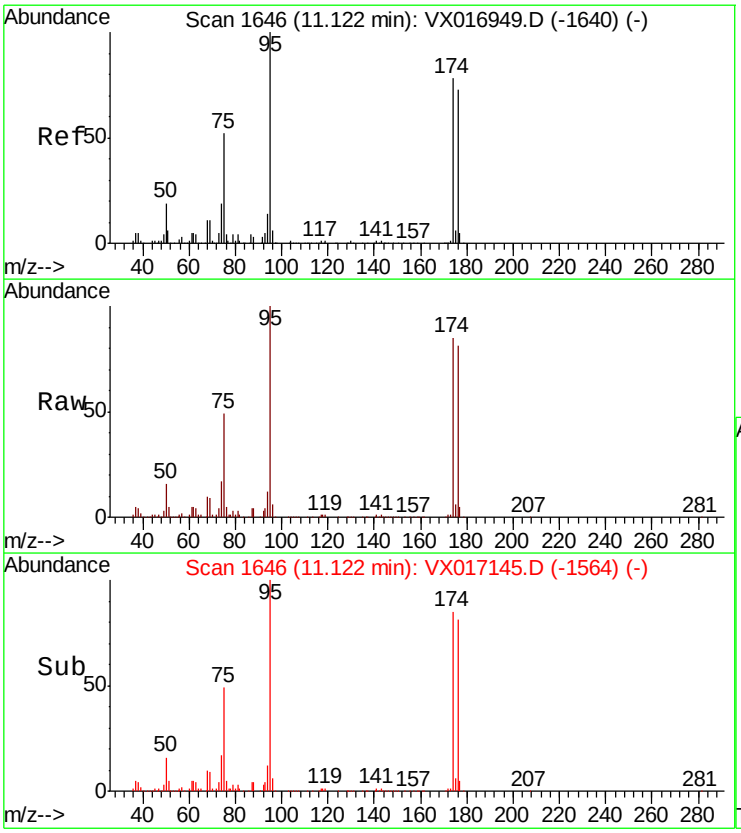
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument : MSVOA_X
ClientSampleId : TB-2020-1-7

Tgt Ion:117 Resp: 191575

Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.9	67.3
119	33.2	25.8	38.8

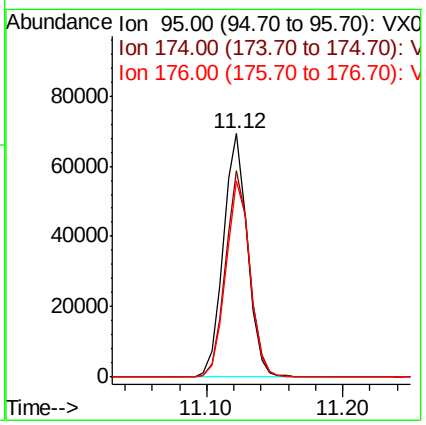


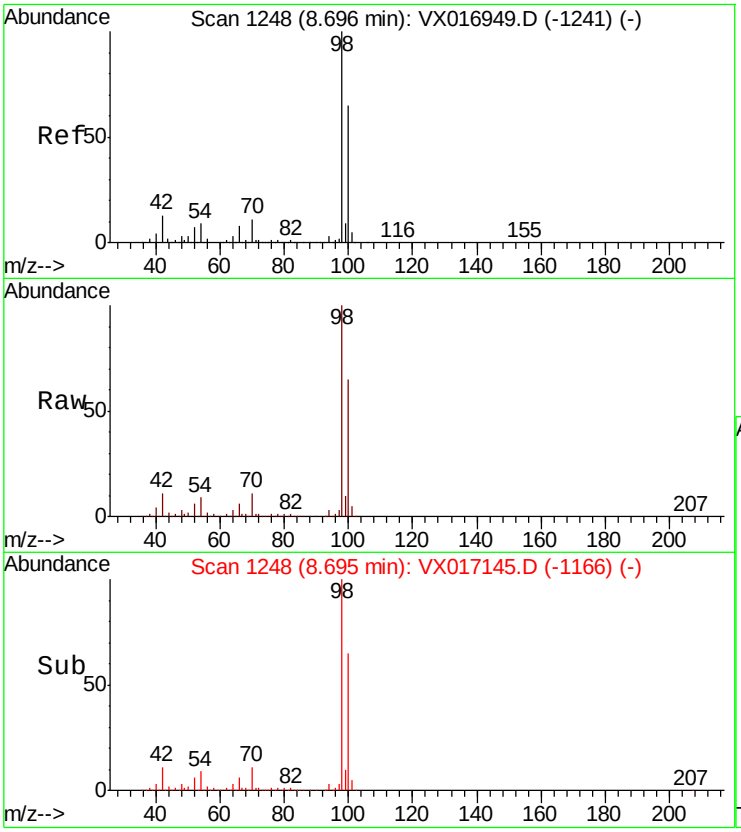


#60
4-Bromofluorobenzene
Concen: 26.604 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Tgt Ion: 95 Resp: 84998

Ion	Ratio	Lower	Upper
95	100		
174	84.4	62.2	93.4
176	80.5	58.9	88.3



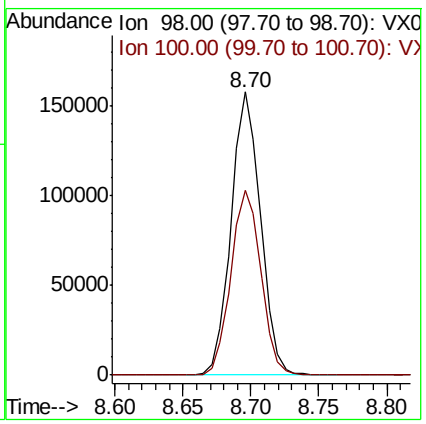


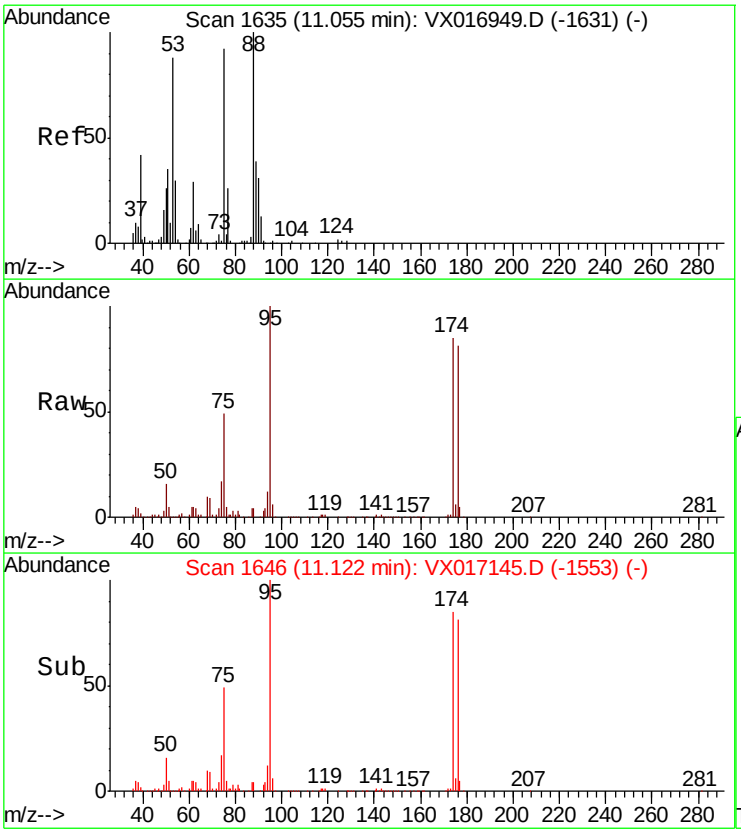
#63
Toluene-d8
Concen: 28.084 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2020-1-7

Tgt Ion: 98 Resp: 237158

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.3	78.5

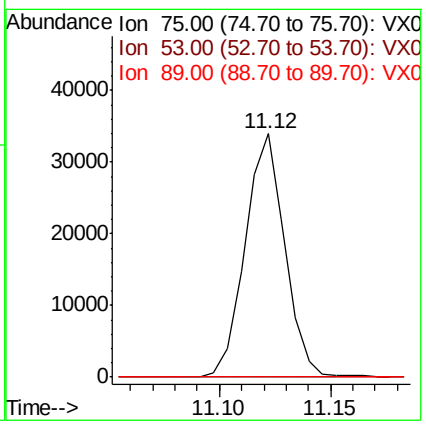


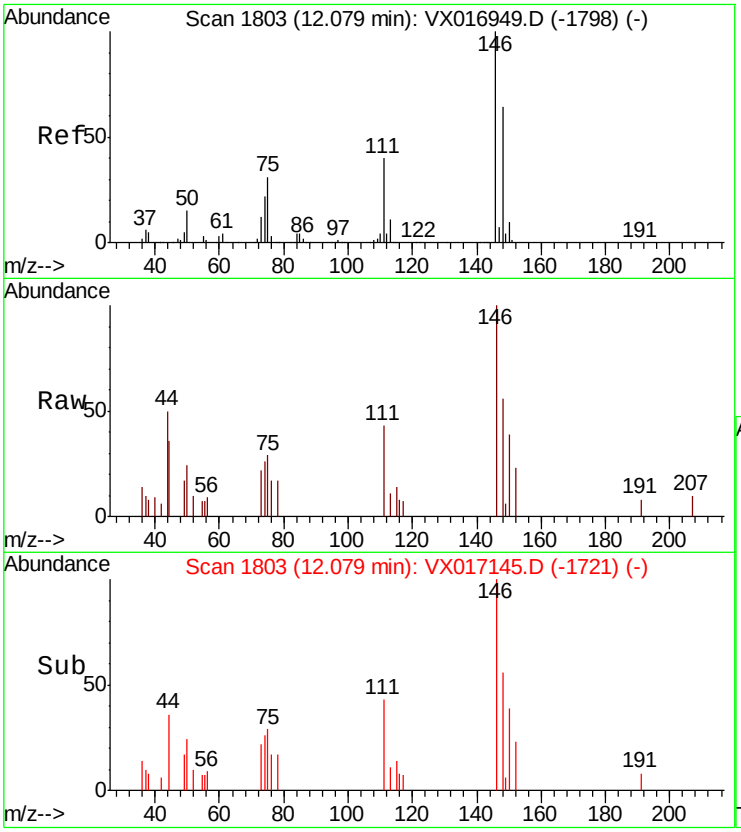


#77
t-1,4-Dichloro-2-butene
Concen: 30.767 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Tgt Ion: 75 Resp: 41997

Ion	Ratio	Lower	Upper
75	100		
53	0.4	47.6	142.9#
89	0.0	21.1	63.4#



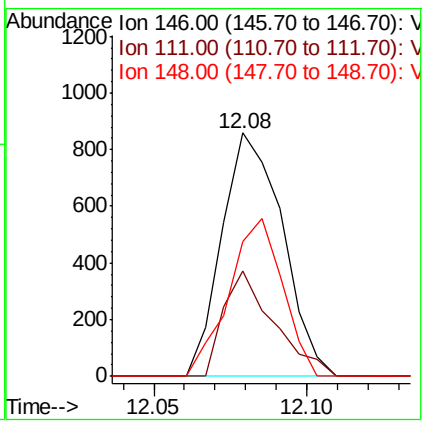


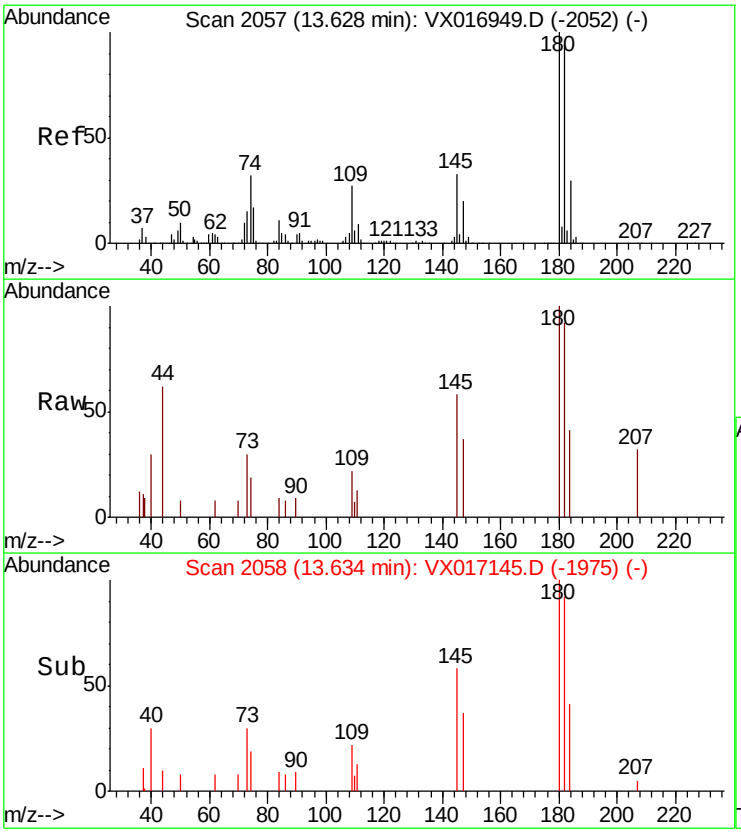
#84
1,4-Dichlorobenzene
Concen: 0.227 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument : MSVOA_X
ClientSampleId : TB-2020-1-7

Tgt Ion:146 Resp: 1177

Ion	Ratio	Lower	Upper
146	100		
111	35.8	19.4	58.2
148	57.4	32.1	96.3

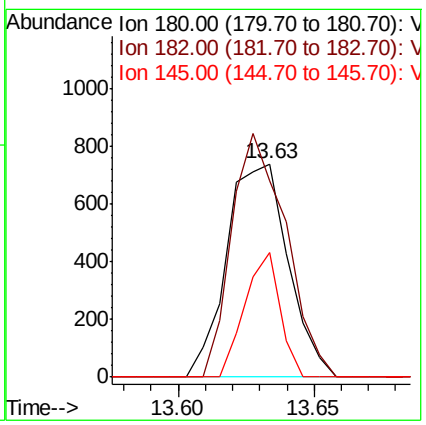


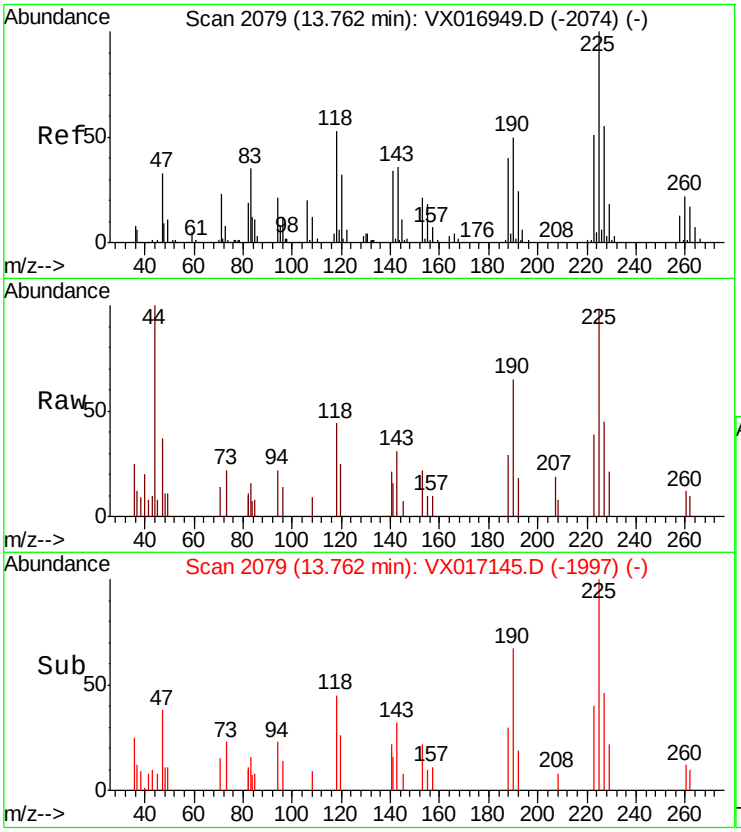


#89
1,2,4-Trichlorobenzene
Concen: 0.355 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Tgt Ion:180 Resp: 1159

Ion	Ratio	Lower	Upper
180	100		
182	100.3	77.7	116.5
145	33.2	26.2	39.2



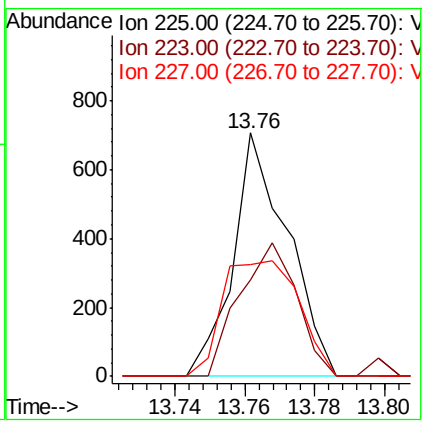


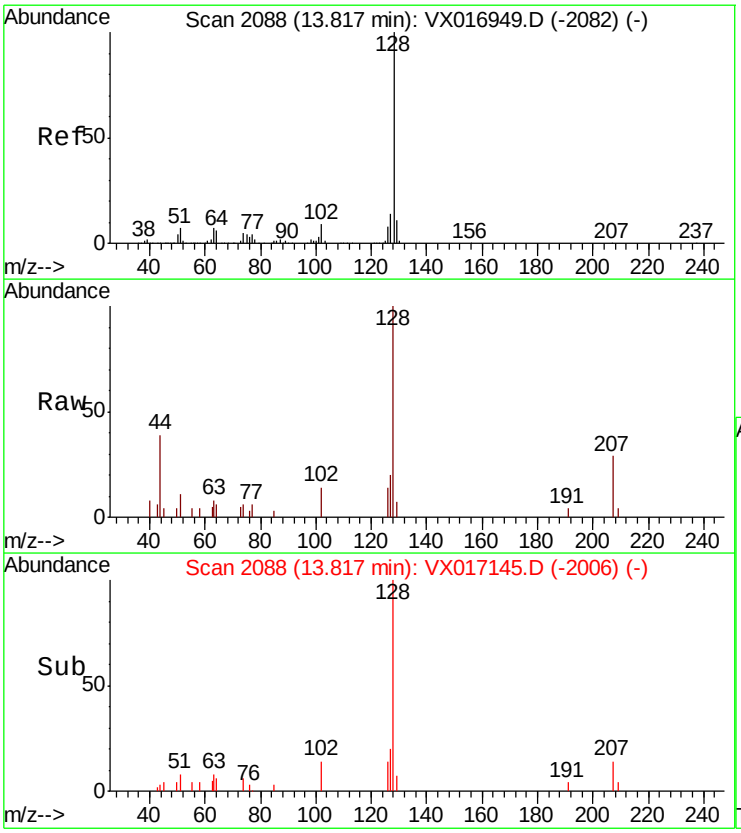
#90
Hexachlorobutadiene
Concen: 0.618 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2020-1-7

Tgt Ion:225 Resp: 767

Ion	Ratio	Lower	Upper
225	100		
223	57.8	0.0	125.0
227	66.5	0.0	124.0

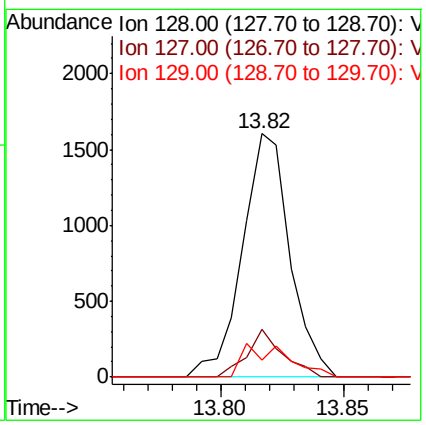


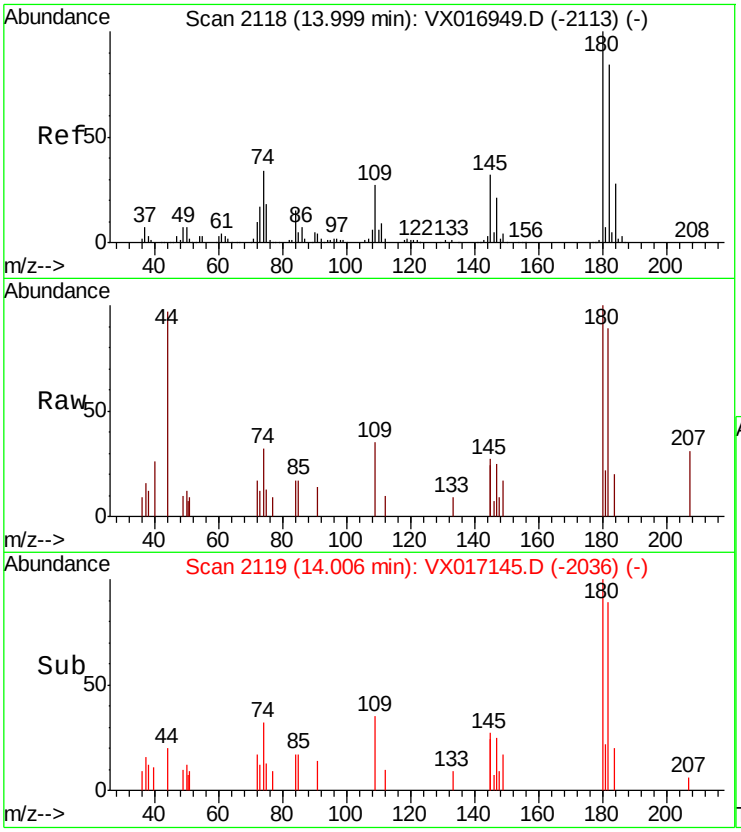


#91
Naphthalene
Concen: 0.204 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Tgt Ion:128 Resp: 2177

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	5.6	9.0	13.4#





#92
1,2,3-Trichlorobenzene
Concen: 0.325 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2020-1-7

Tgt Ion:180 Resp: 1036

Ion	Ratio	Lower	Upper
180	100		
182	98.7	0.0	184.8
145	39.0	0.0	68.0