Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071620\
Data File : VX017387.D
Acq On : 16 Jul 2020 13:26
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : IBLK

Quant Time: Jul 17 00:58:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.64	168	256528	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.84	114	446595	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	478314	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	252022	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	176914	54.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.90%				
35) Dibromofluoromethane	5.47	113	157710	52.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.84%				
50) Toluene-d8	8.70	98	560190	51.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.24%				
62) 4-Bromofluorobenzene	11.12	95	220739	51.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.42%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	509	0.208	ug/l		90
5) Bromomethane	1.64	94	868	0.552	ug/l	#	22
8) Diethyl Ether	2.16	74	294	0.204	ug/l		91
10) Methyl Iodide	2.50	142	804	2.623	ug/l	#	86
11) Tert butyl alcohol	3.01	59	275	0.507	ug/l	#	33
13) Acrolein	2.27	56	758	2.549	ug/l	#	72
15) Acrylonitrile	3.12	53	833	0.633	ug/l	#	56
16) Acetone	2.42	43	1395	1.214	ug/l	#	60
17) Carbon Disulfide	2.55	76	2345	0.344	ug/l	#	68
18) Methyl Acetate	2.75	43	571	0.201	ug/l	#	82
20) Methylene Chloride	2.83	84	2877	1.027	ug/l	#	79
21) trans-1,2-Dichloroethene	3.14	96	562	0.210	ug/l	#	41
25) 2-Butanone	4.66	43	985	0.540	ug/l	#	56
36) 1,1-Dichloropropene	5.63	75	19695	4.794	ug/l	#	50
38) Carbon Tetrachloride	5.64	117	25410	5.283	ug/l	#	18
49) 1,4-Dioxane	7.81	88	46	0.690	ug/l	#	1
76) 1,2,3-Trichloropropane	11.12	75	110366	23.699	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.12	75	110366	60.120	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	12.98	75	338	0.267	ug/l	#	24
93) 1,2,4-Trichlorobenzene	13.63	180	1189	0.226	ug/l		91
94) Hexachlorobutadiene	13.77	225	694	0.324	ug/l		80

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

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Instrument :
MSVOA_X
ClientSampleId :
IBLK

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
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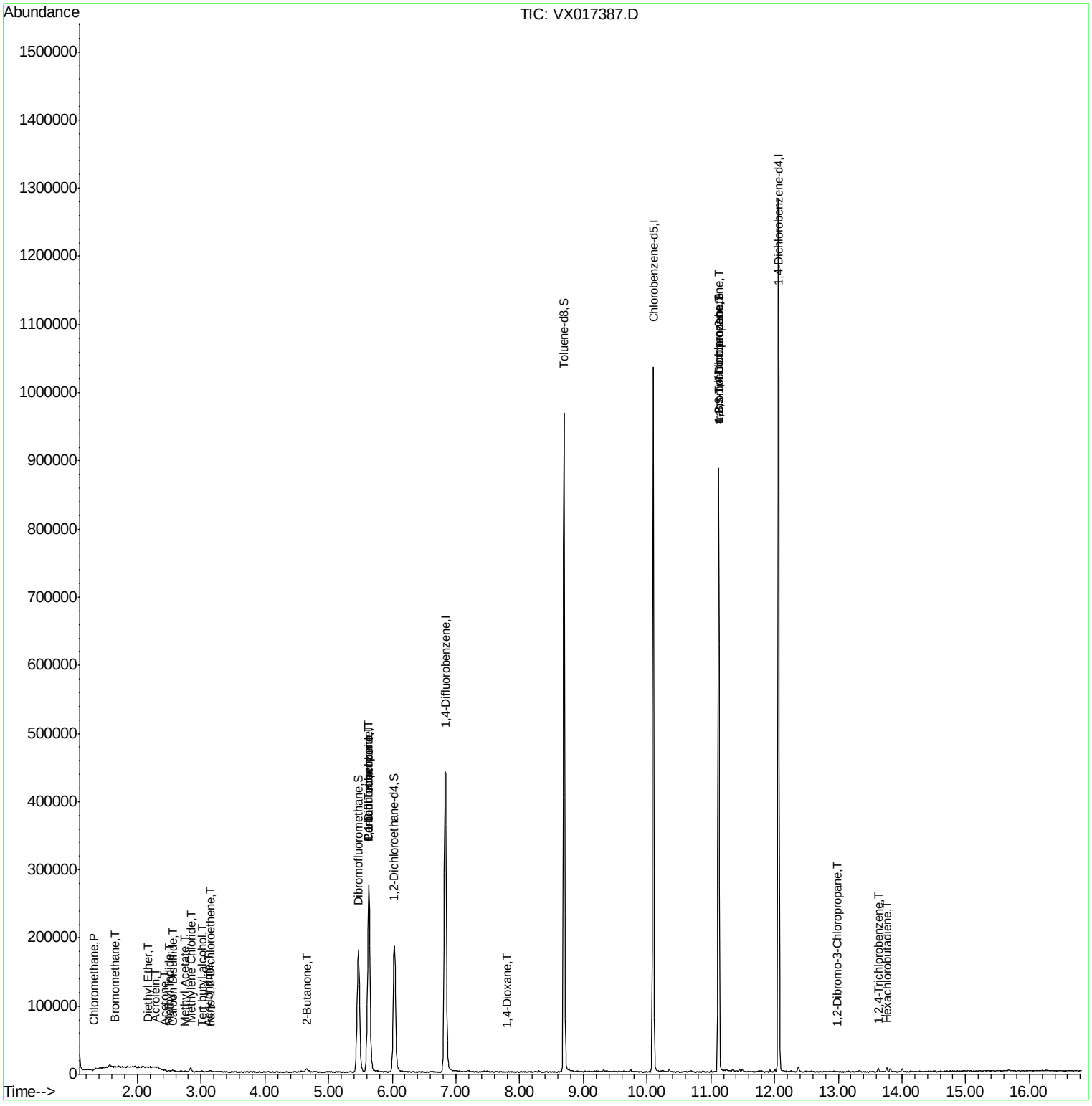
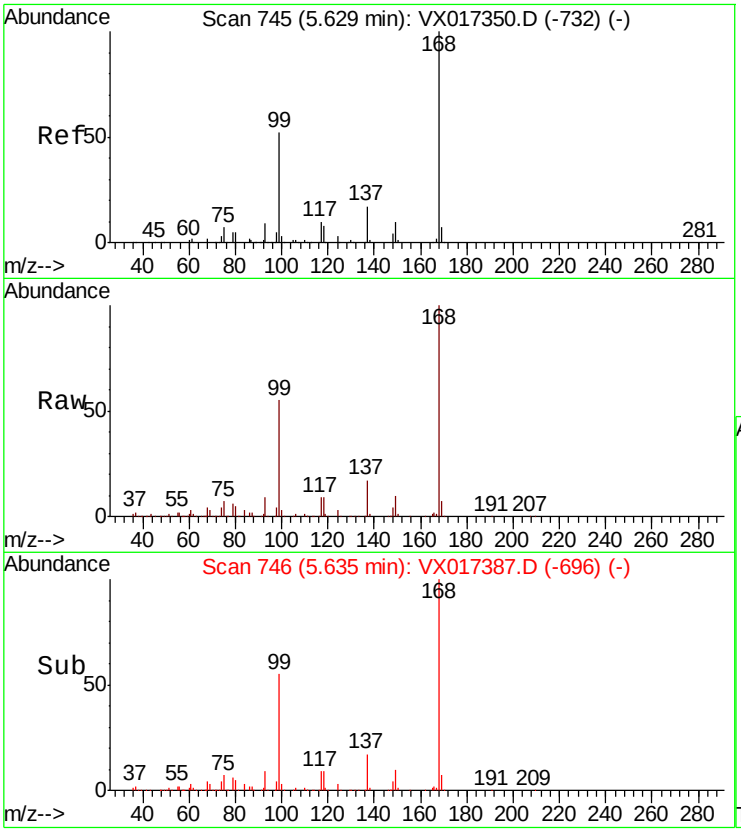


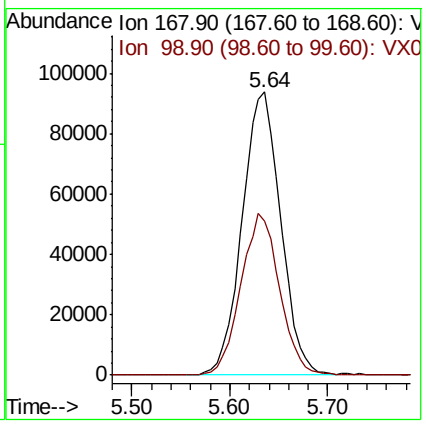


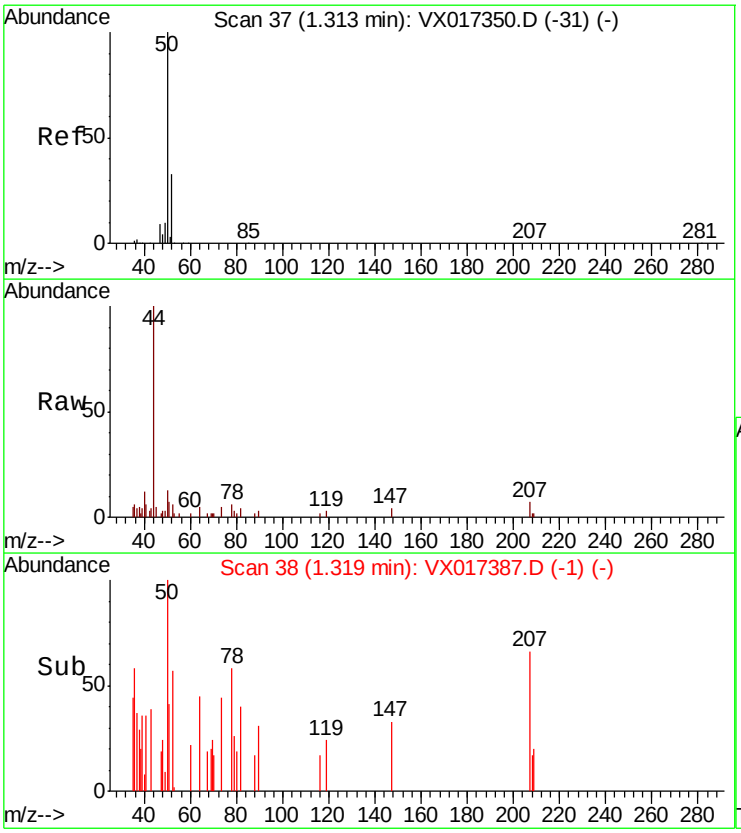
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 256528

Ion	Ratio	Lower	Upper
168	100		
99	54.4	41.6	62.4

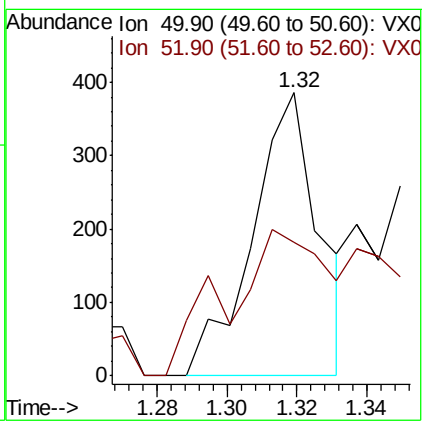


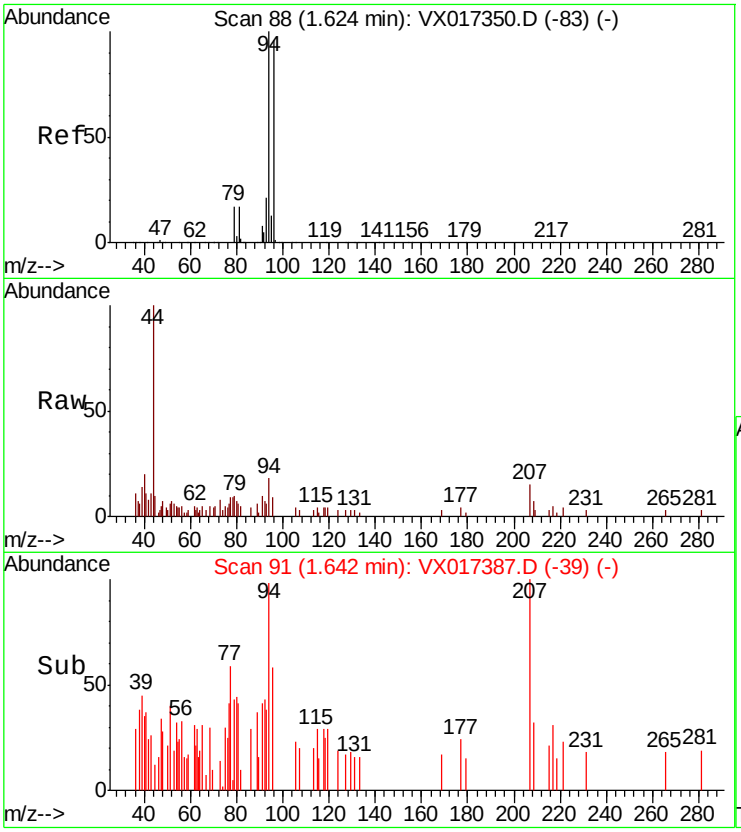


#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 50 Resp: 509

Ion	Ratio	Lower	Upper
50	100		
52	27.7	26.7	40.1



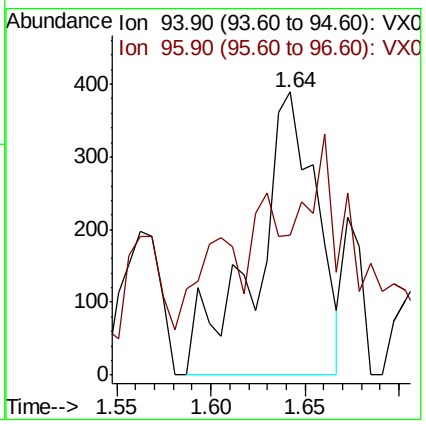


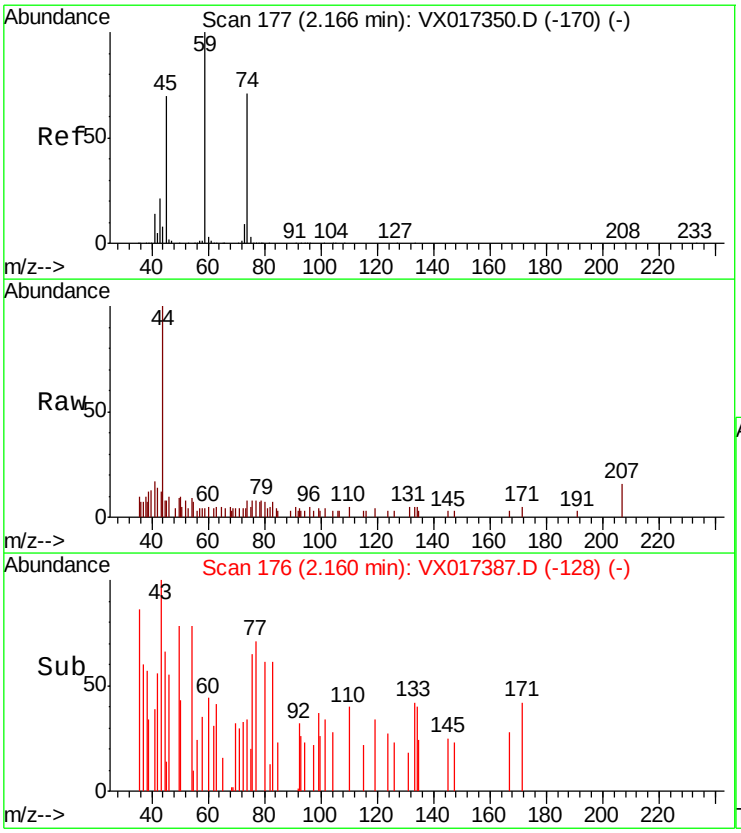
#5
Bromomethane
Concen: 0.552 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 94 Resp: 868

Ion	Ratio	Lower	Upper
94	100		
96	19.3	76.6	115.0#

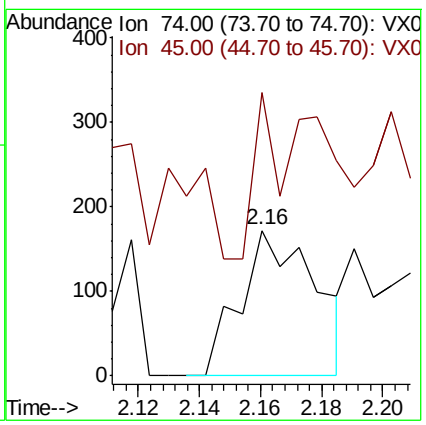


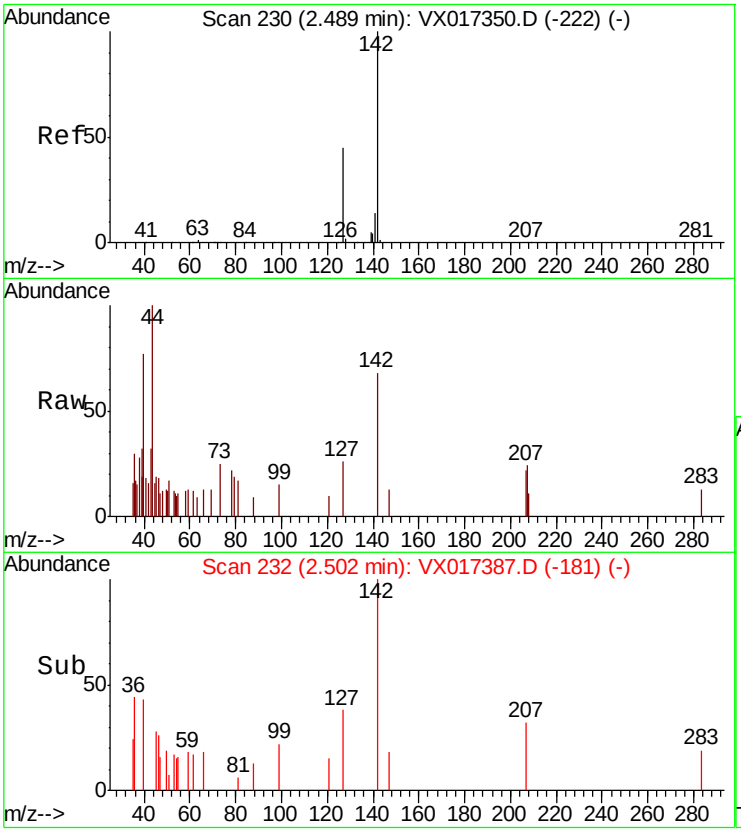


#8
Diethyl Ether
Concen: 0.204 ug/l
RT: 2.16 min Scan# 176
Delta R.T. -0.01 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 74 Resp: 294

Ion	Ratio	Lower	Upper
74	100		
45	103.1	47.2	141.6



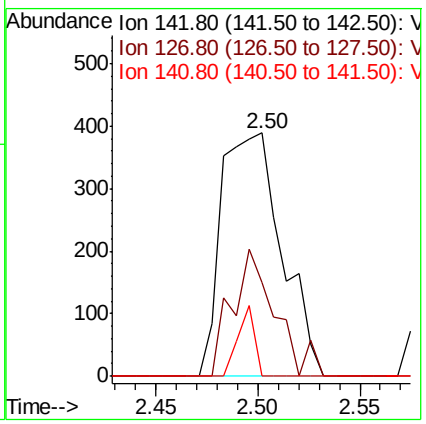


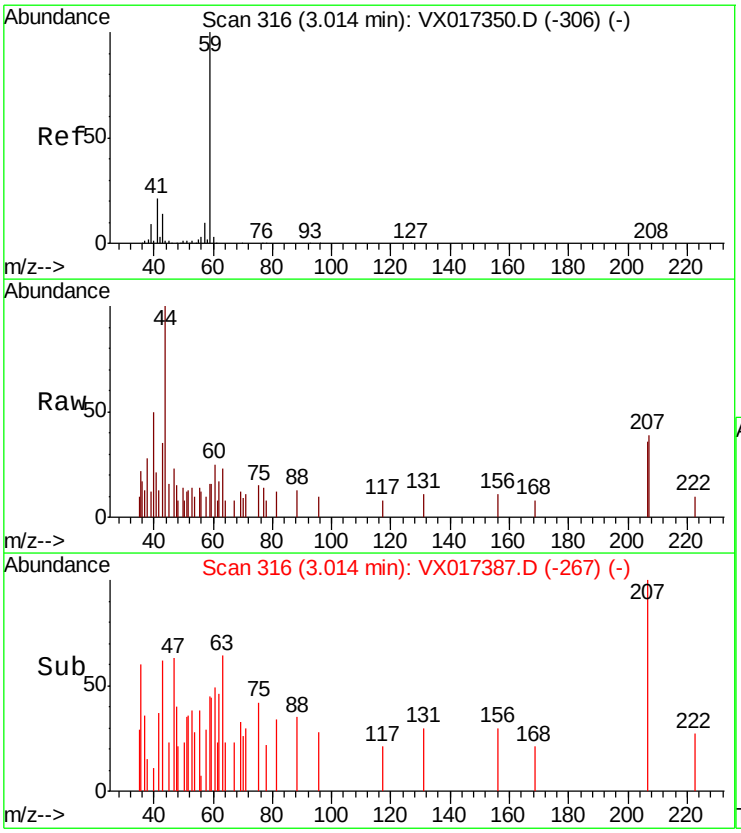
#10
Methyl Iodide
Concen: 2.623 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion:142 Resp: 804

Ion	Ratio	Lower	Upper
142	100		
127	37.3	36.8	55.2
141	7.6	11.4	17.0#

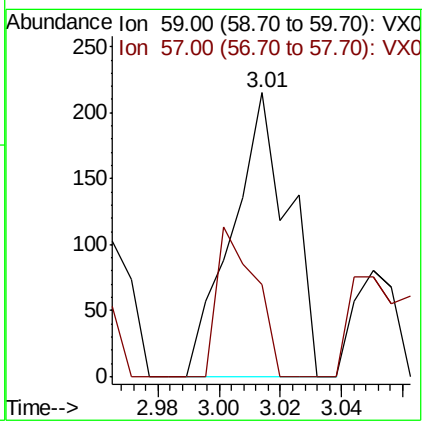


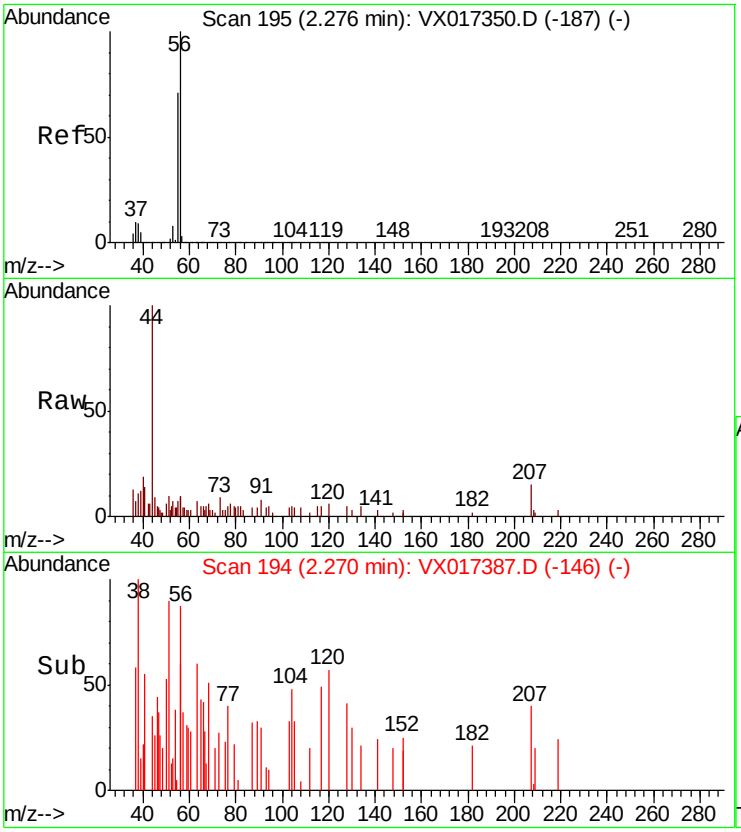


#11
Tert butyl alcohol
Concen: 0.507 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 59 Resp: 275

Ion	Ratio	Lower	Upper
59	100		
57	35.6	8.3	12.5#



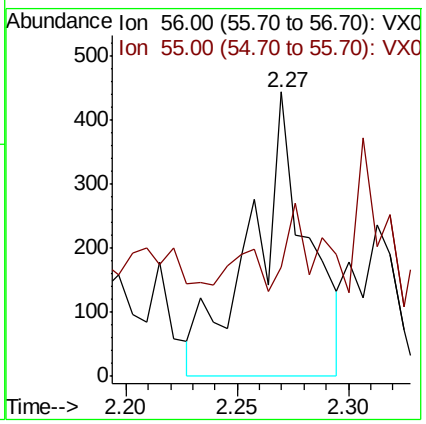


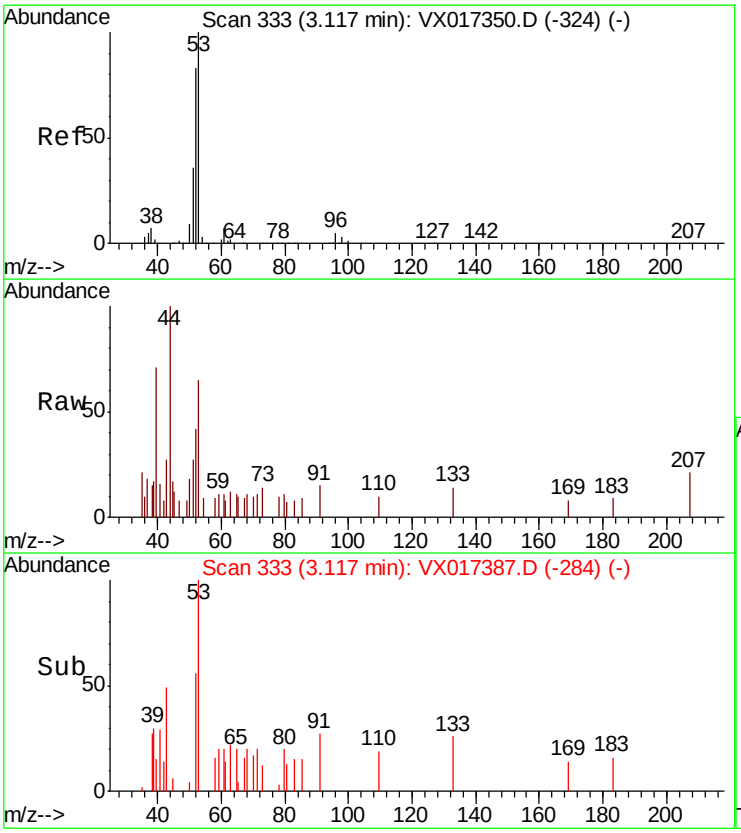
#13
Acrolein
Concen: 2.549 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion: 56 Resp: 758

Ion	Ratio	Lower	Upper
56	100		
55	48.3	57.1	85.7#

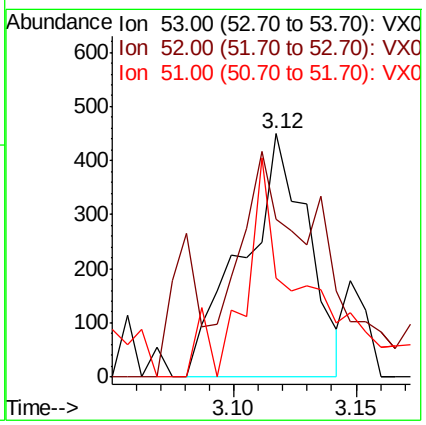


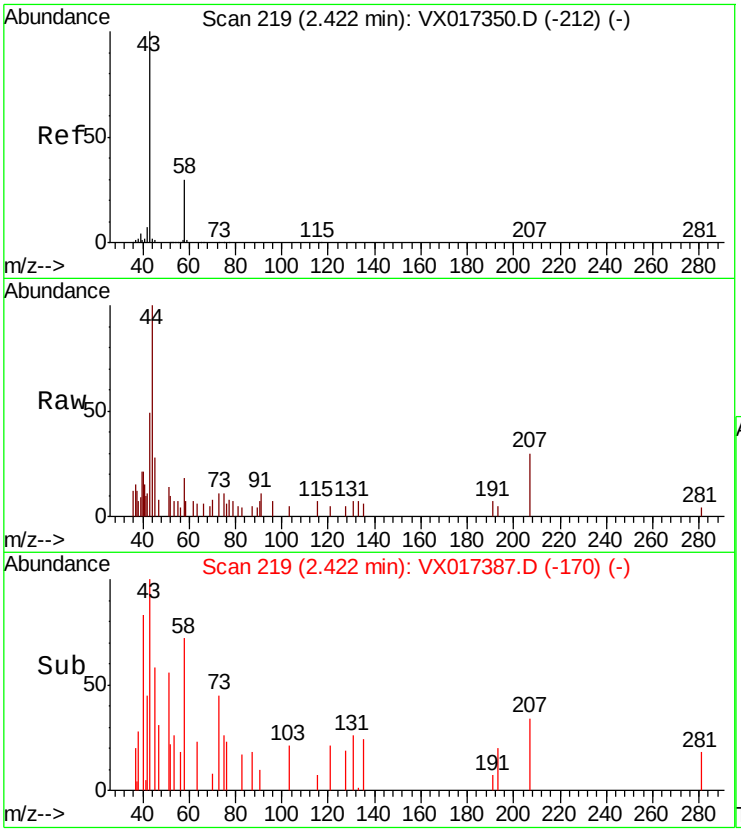


#15
Acrylonitrile
Concen: 0.633 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 53 Resp: 833

Ion	Ratio	Lower	Upper
53	100		
52	110.3	65.8	98.6#
51	78.9	29.2	43.8#



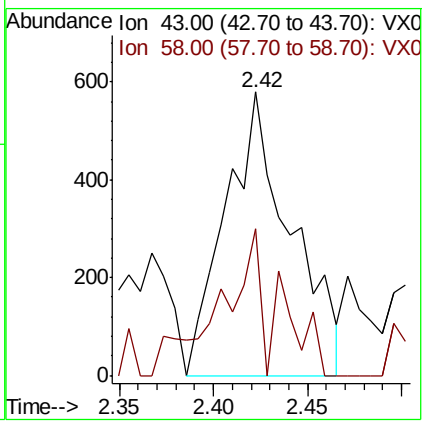


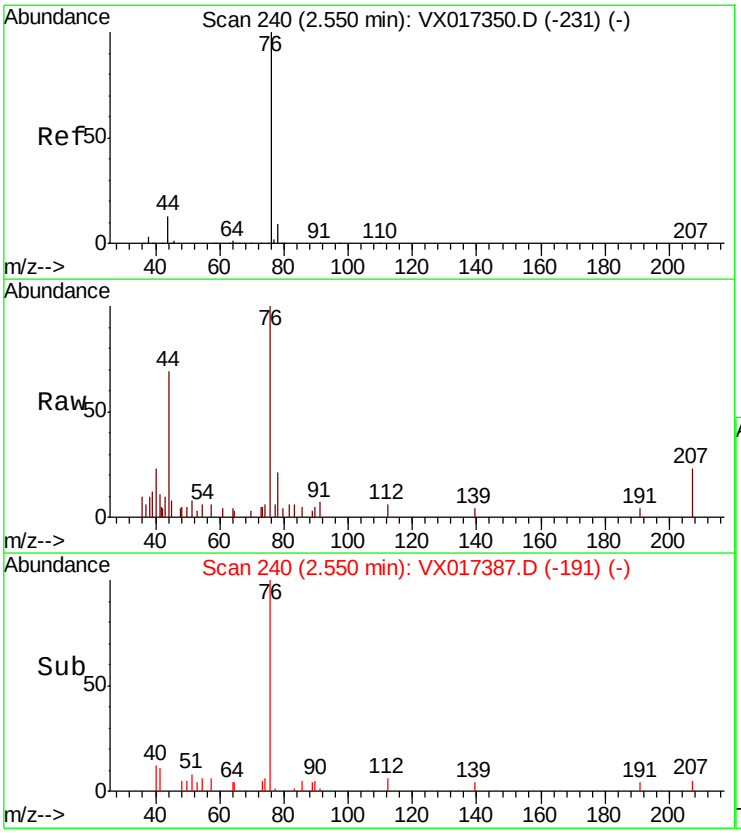
#16
Acetone
Concen: 1.214 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion: 43 Resp: 1395

Ion	Ratio	Lower	Upper
43	100		
58	52.0	24.2	36.2#

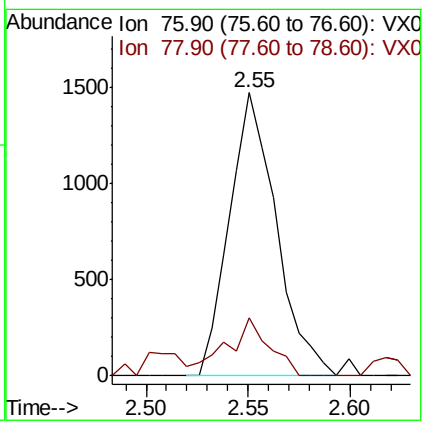


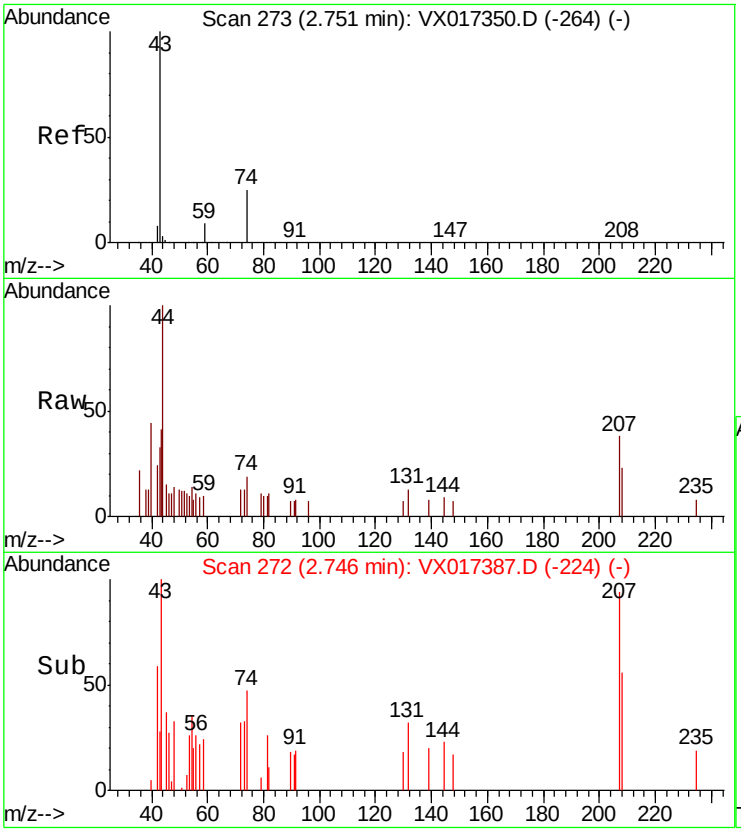


#17
Carbon Disulfide
Concen: 0.344 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 76 Resp: 2345

Ion	Ratio	Lower	Upper
76	100		
78	20.7	7.3	10.9#



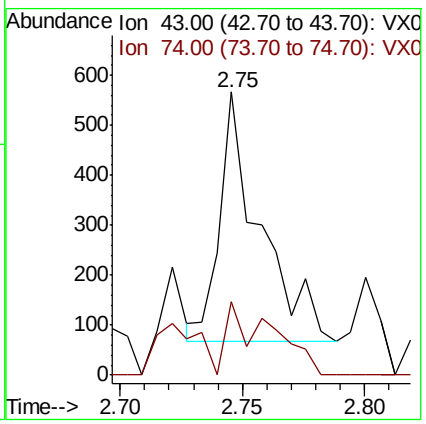


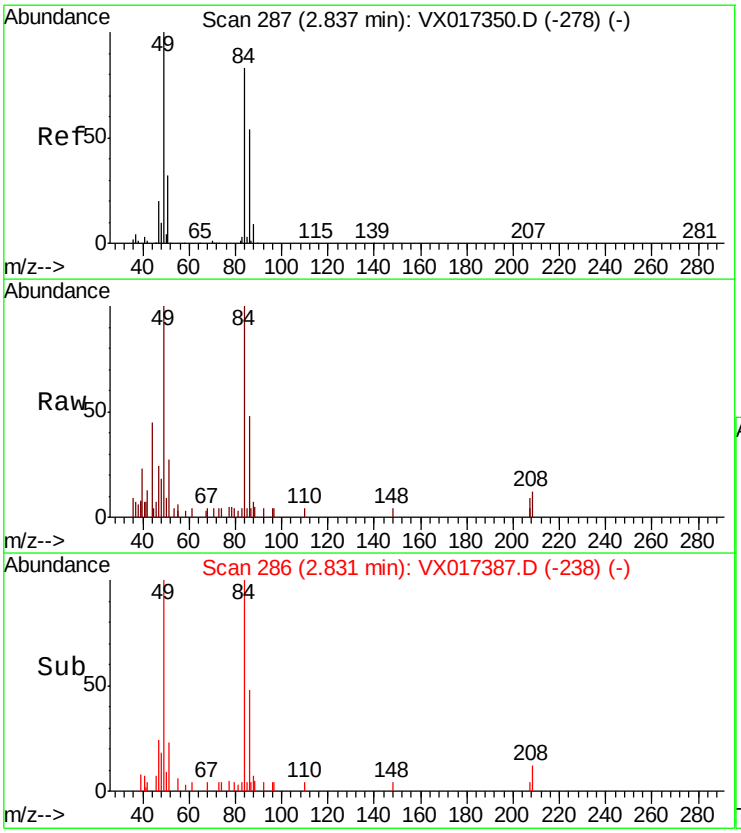
#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion: 43 Resp: 571

Ion	Ratio	Lower	Upper
43	100		
74	33.5	19.4	29.2#

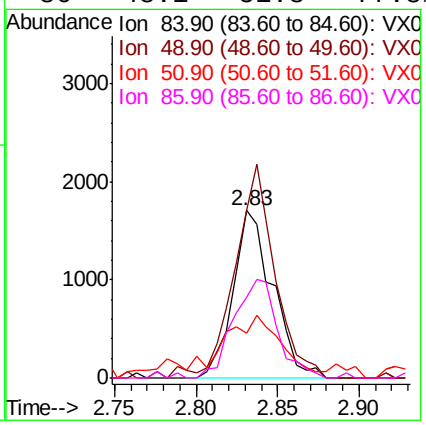


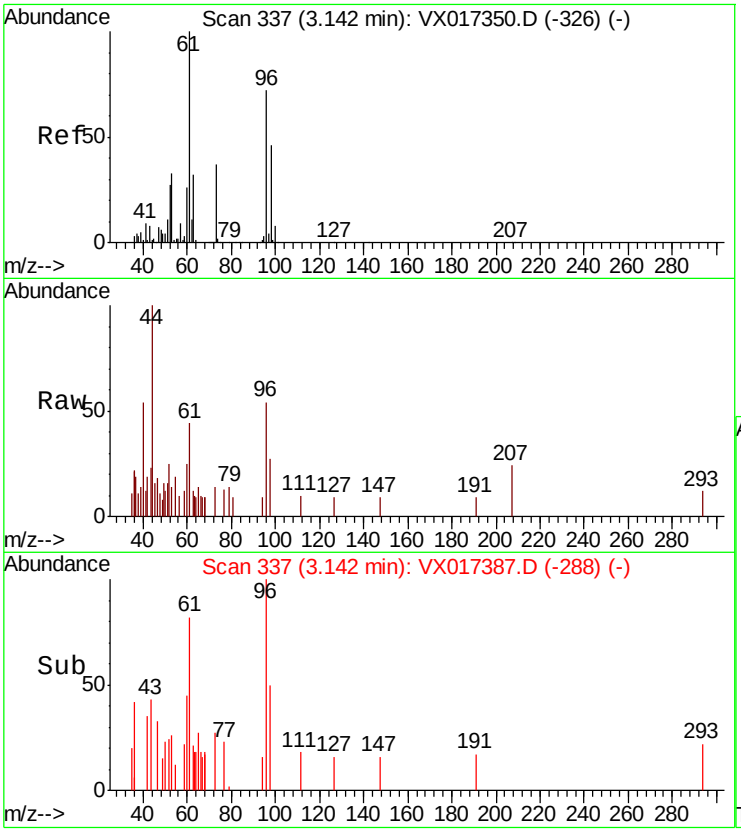


#20
Methylene Chloride
Concen: 1.027 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 84 Resp: 2877

Ion	Ratio	Lower	Upper
84	100		
49	100.1	95.8	143.8
51	21.6	31.0	46.4#
86	48.1	51.8	77.8#



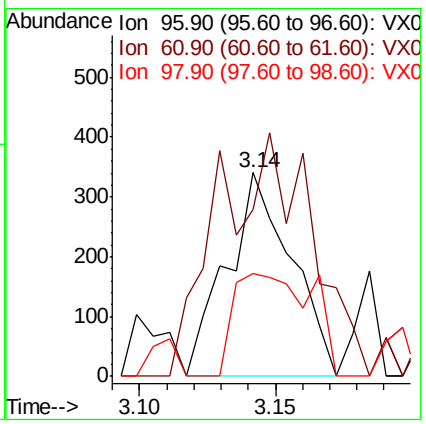


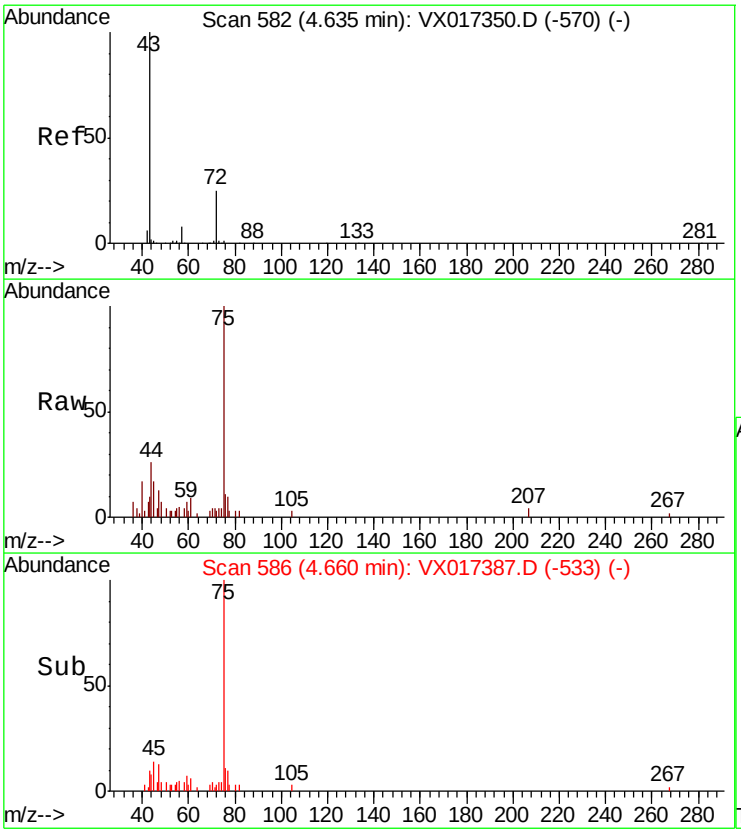
#21
trans-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 96 Resp: 562

Ion	Ratio	Lower	Upper
96	100		
61	43.4	111.1	166.7#
98	50.4	51.4	77.0#

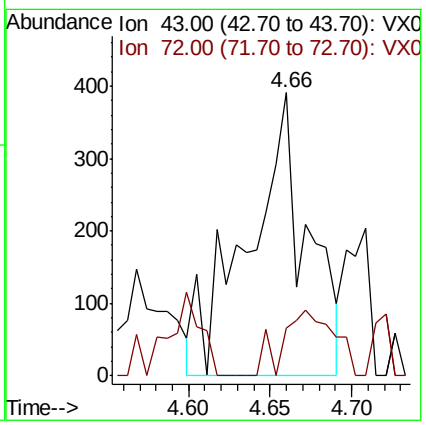


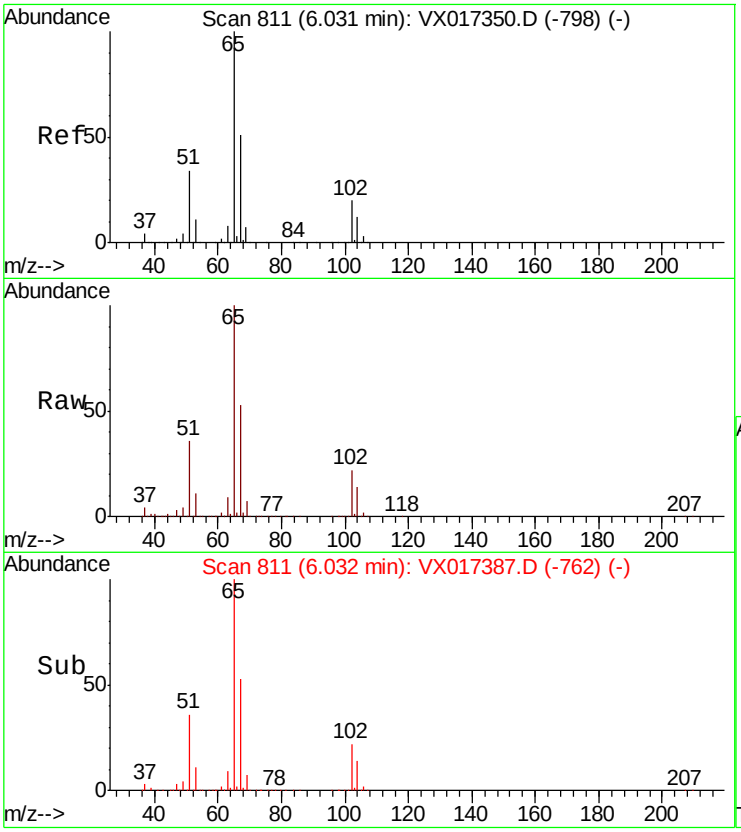


#25
2-Butanone
Concen: 0.540 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 43 Resp: 985

Ion	Ratio	Lower	Upper
43	100		
72	3.2	20.4	30.6#



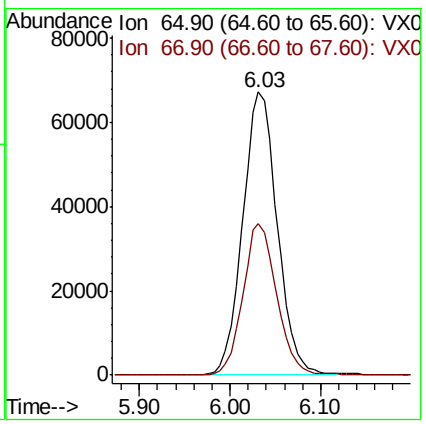


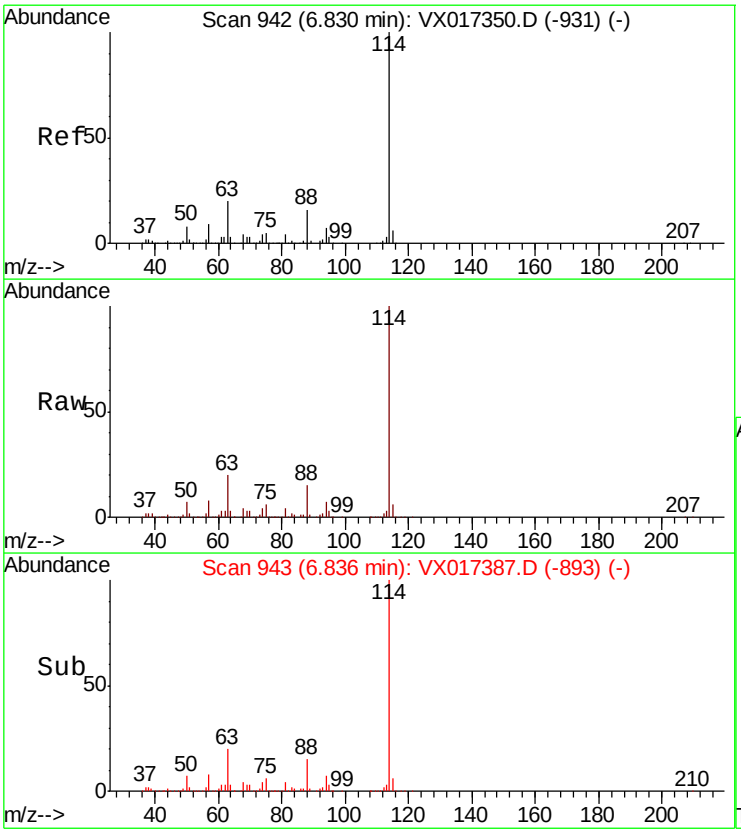
#33
1,2-Dichloroethane-d4
Concen: 54.948 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion: 65 Resp: 176914

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	101.6

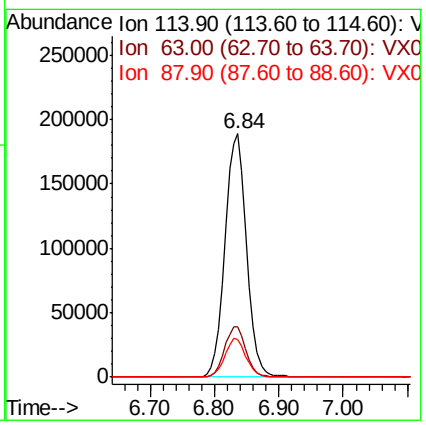


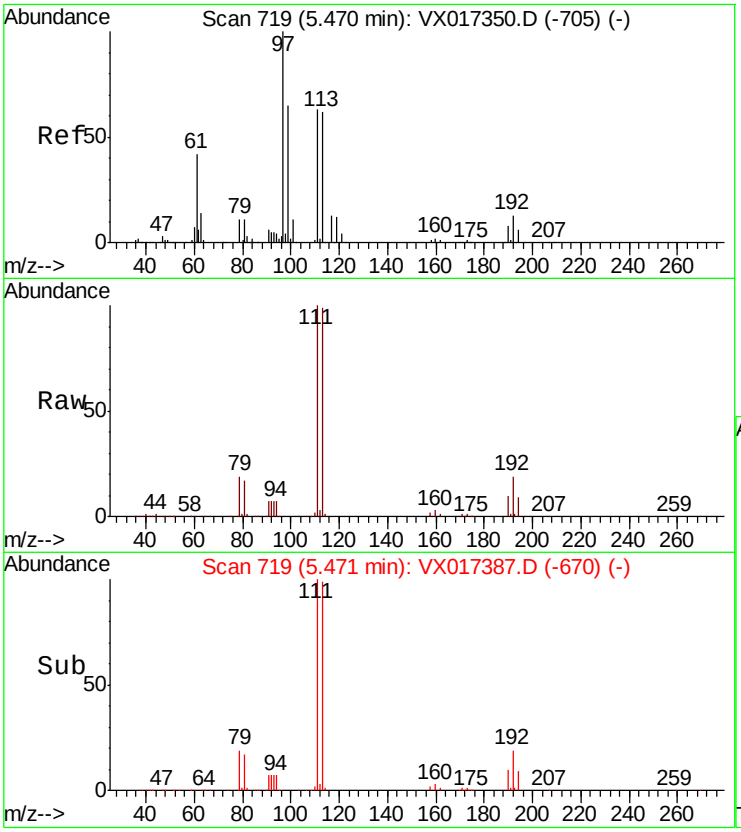


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion:114 Resp: 446595

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	15.5	0.0	32.8



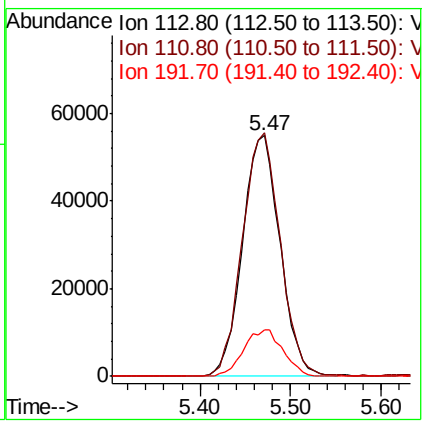


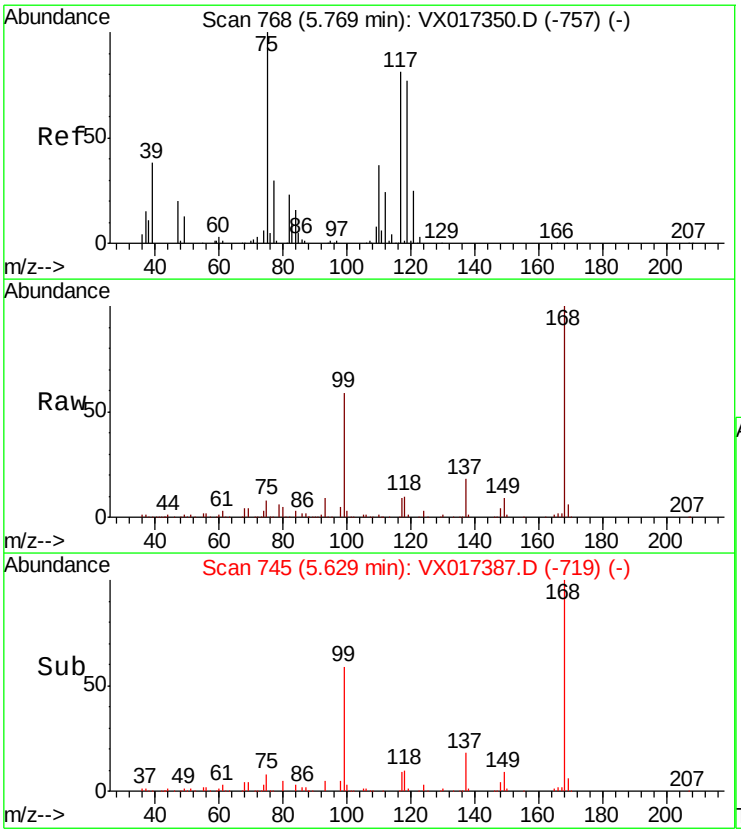
#35
Dibromofluoromethane
Concen: 52.424 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:113 Resp: 157710

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	20.3	17.2	25.8

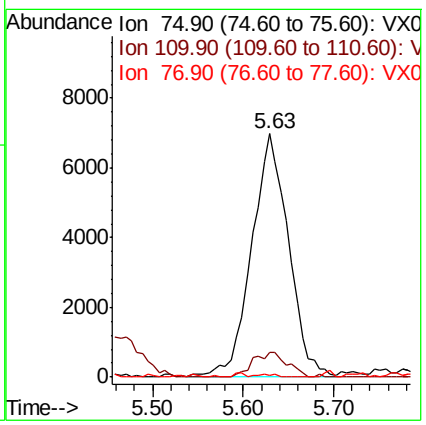


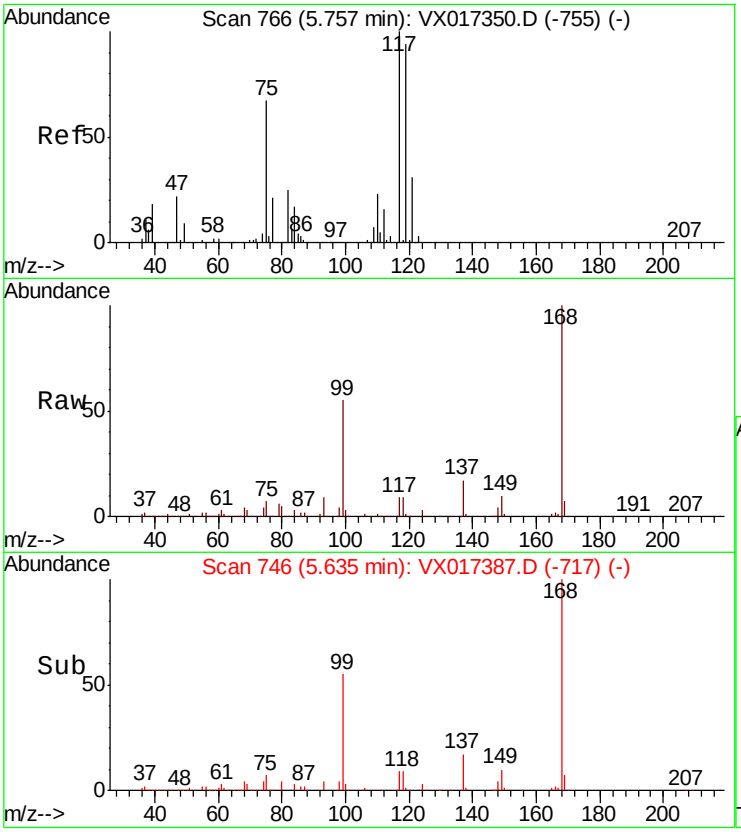


#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 75 Resp: 19695

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.6	55.8#
77	0.7	24.9	37.3#



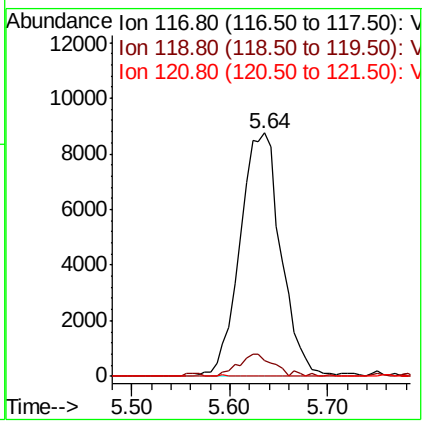


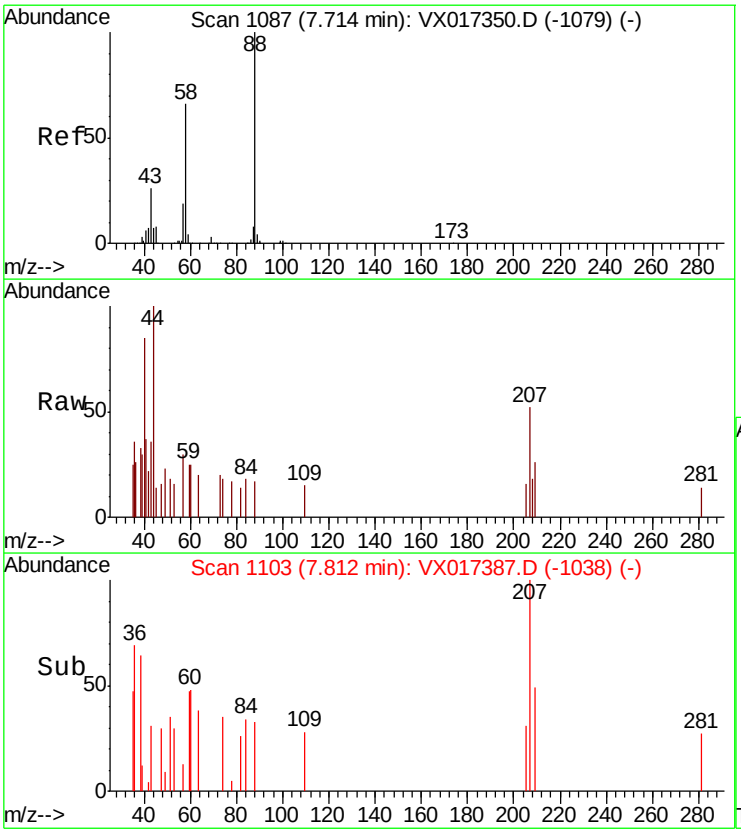
#38
Carbon Tetrachloride
Concen: 5.283 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 25410

Ion	Ratio	Lower	Upper
117	100		
119	6.5	74.7	112.1#
121	0.0	24.5	36.7#

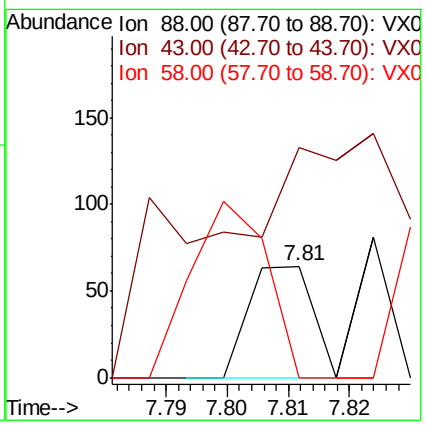


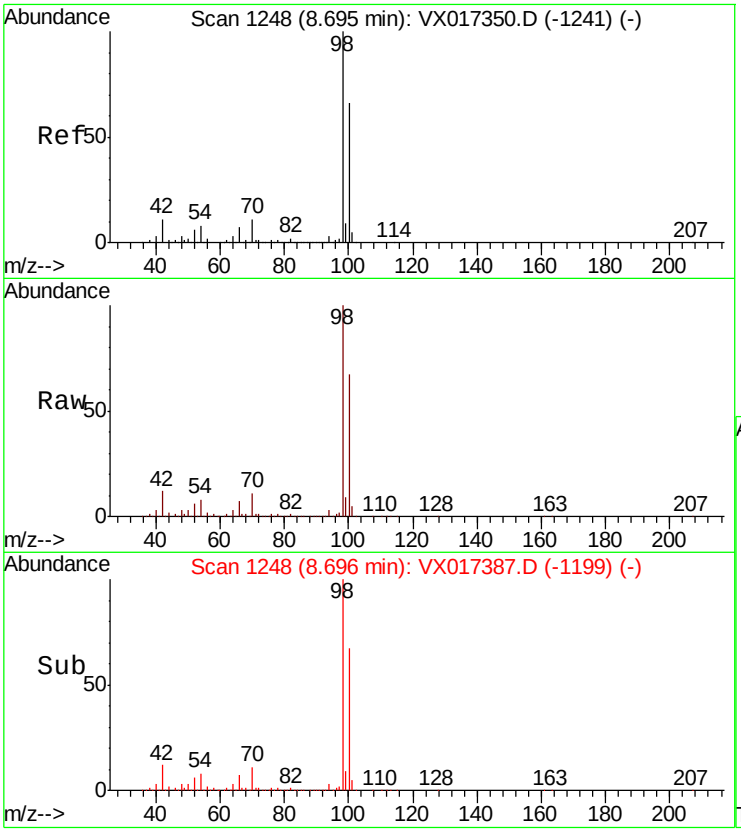


#49
1,4-Dioxane
Concen: 0.690 ug/l
RT: 7.81 min Scan# 1103
Delta R.T. 0.10 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 88 Resp: 46

Ion	Ratio	Lower	Upper
88	100		
43	708.7	25.6	38.4#
58	110.9	53.9	80.9#



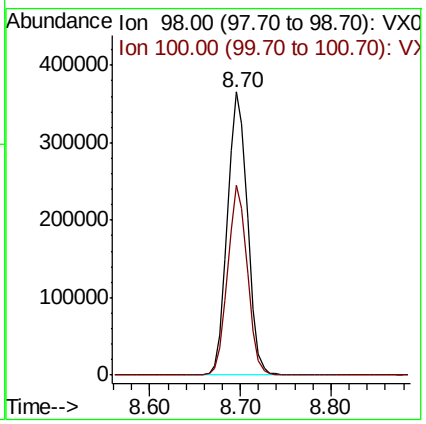


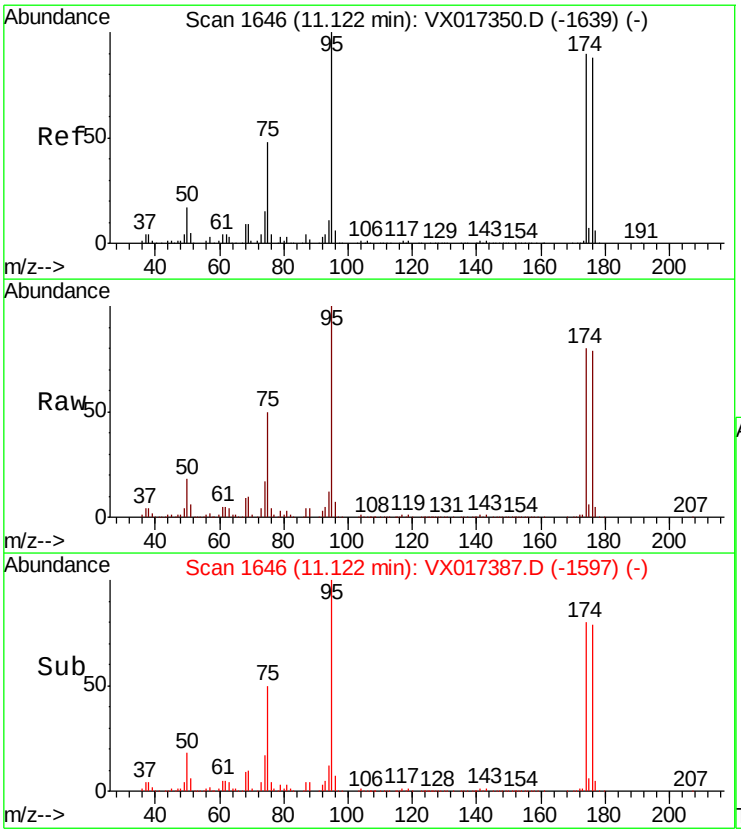
#50
Toluene-d8
Concen: 51.623 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion: 98 Resp: 560190

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.2

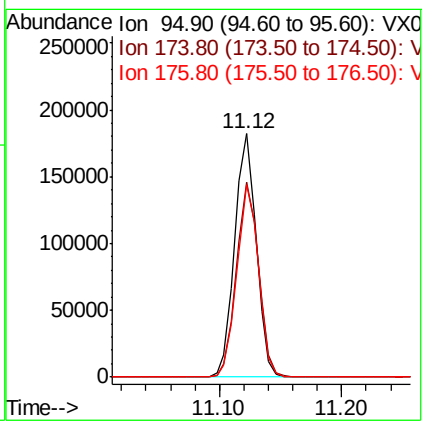


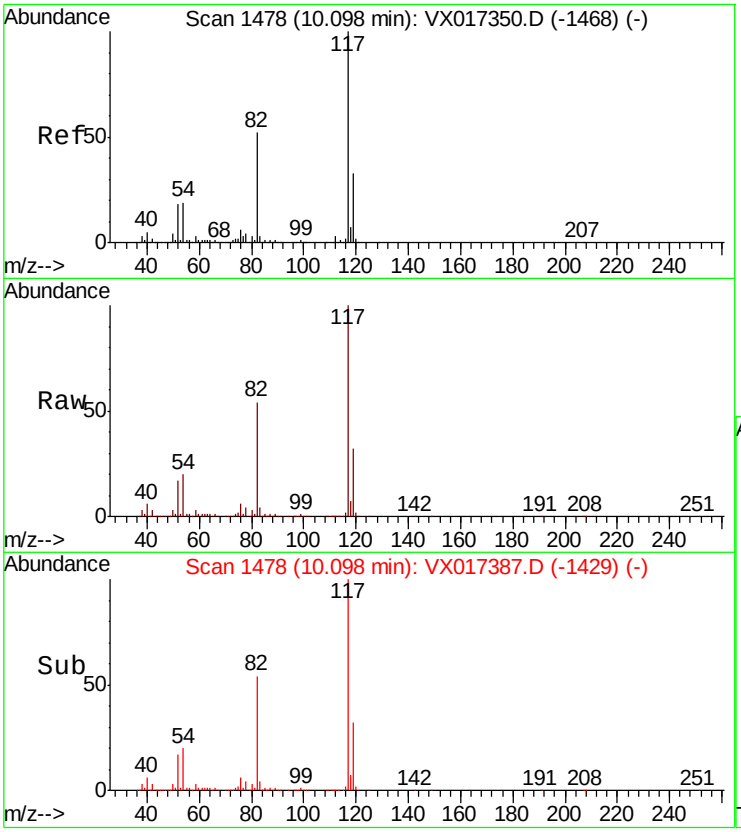


#62
4-Bromofluorobenzene
Concen: 51.211 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 95 Resp: 220739

Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	175.8
176	79.3	0.0	164.6



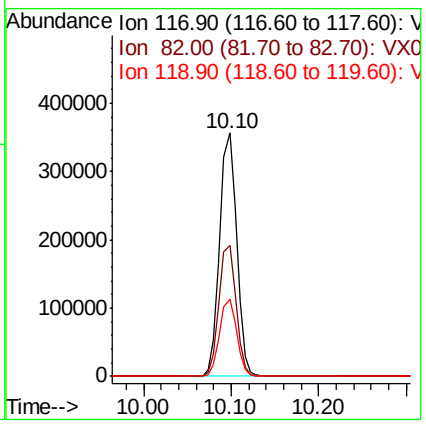


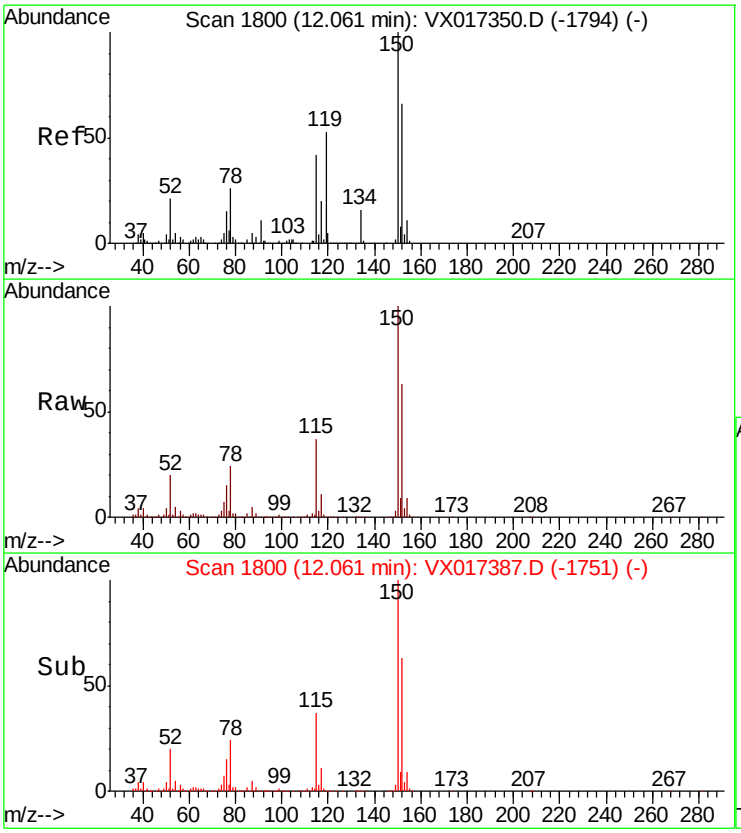
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 478314

Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.0	63.0
119	31.8	26.3	39.5

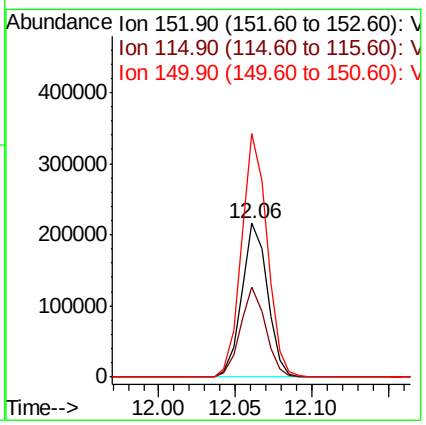


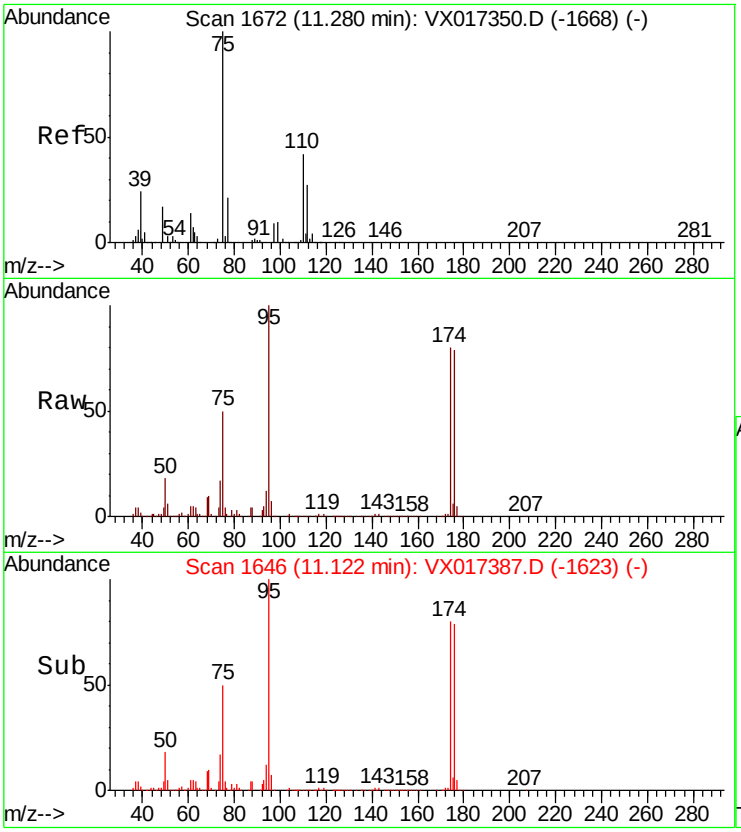


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion:152 Resp: 252022

Ion	Ratio	Lower	Upper
152	100		
115	57.4	39.9	119.7
150	157.5	0.0	343.4



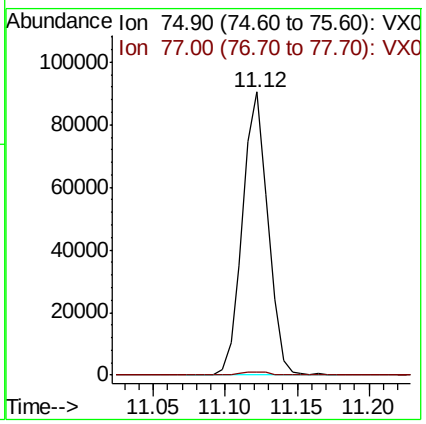


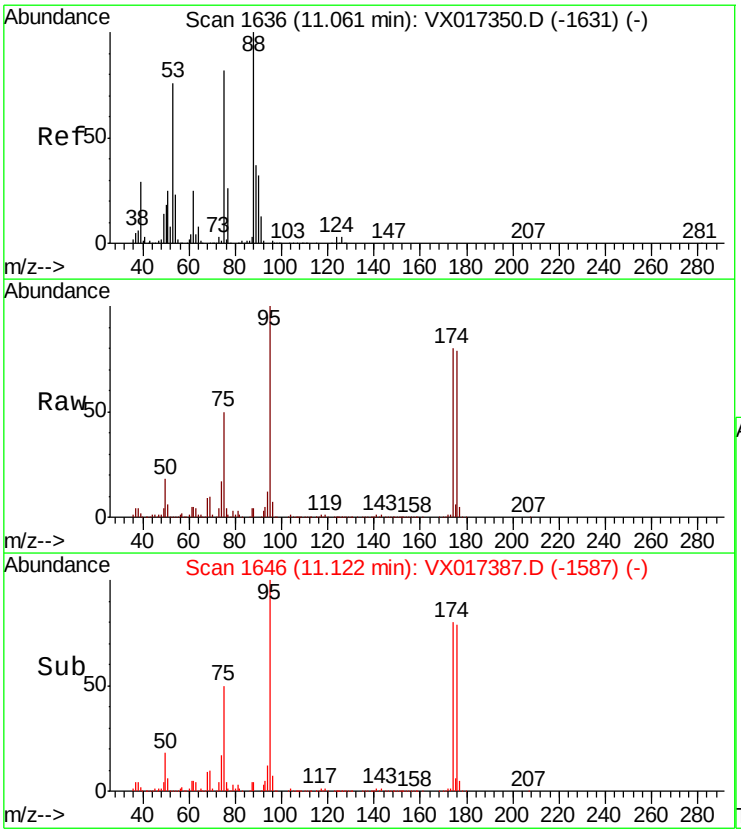
#76
1,2,3-Trichloropropane
Concen: 23.699 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion: 75 Resp: 110366

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.3	60.9#

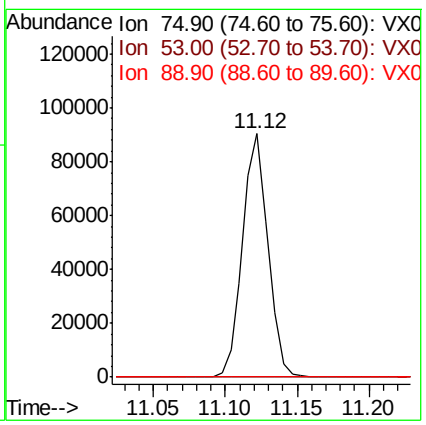


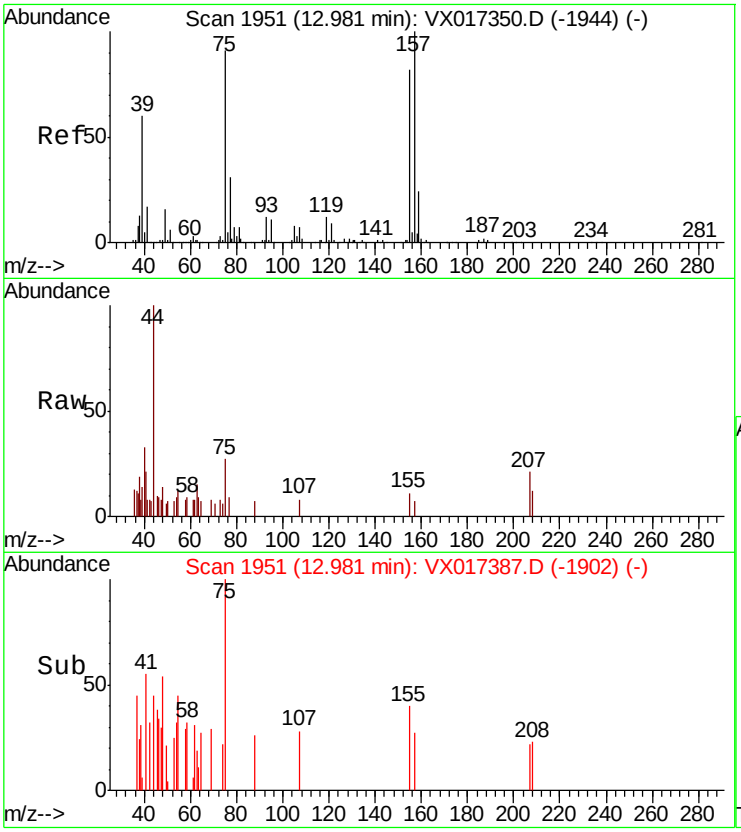


#81
trans-1,4-Dichloro-2-butene
Concen: 60.120 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion: 75 Resp: 110366

Ion	Ratio	Lower	Upper
75	100		
53	0.6	76.5	114.7#
89	0.0	38.1	57.1#



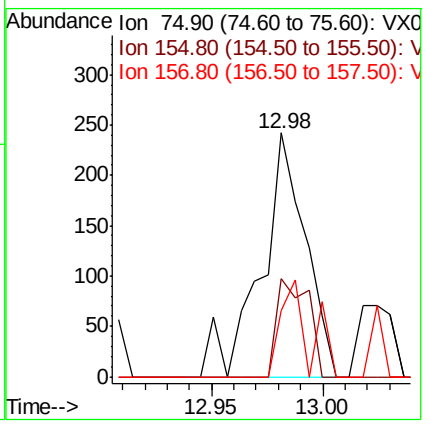


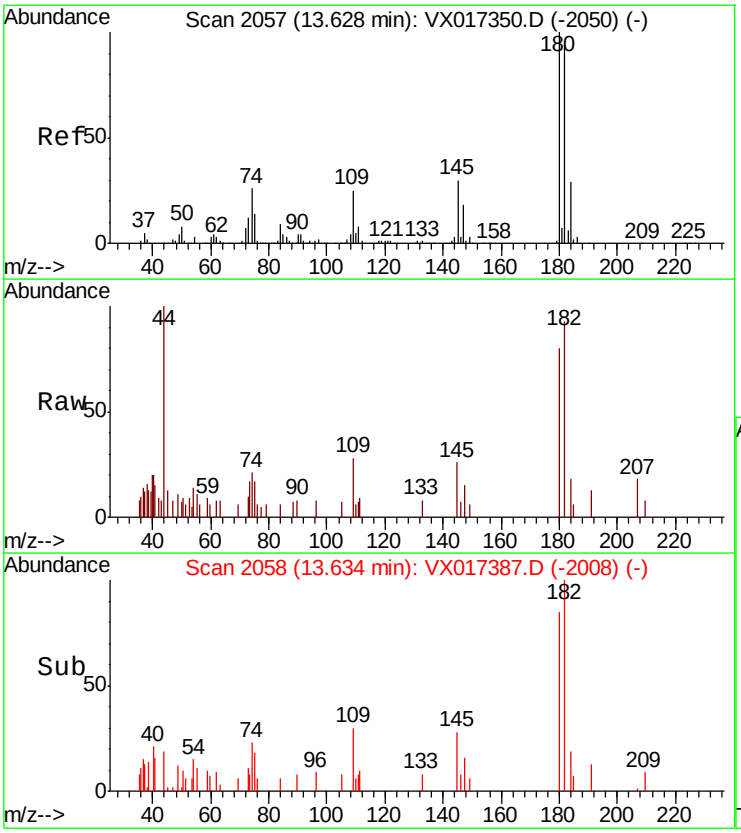
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.267 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 338

Ion	Ratio	Lower	Upper
75	100		
155	28.1	46.5	139.3#
157	25.7	58.0	173.9#

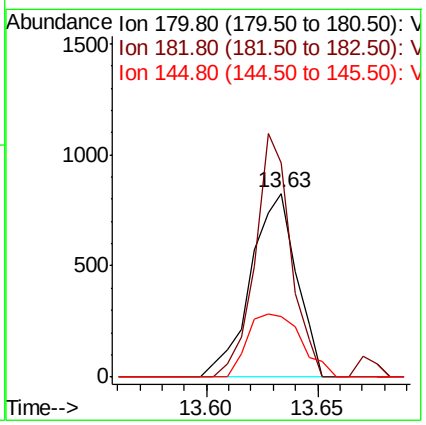


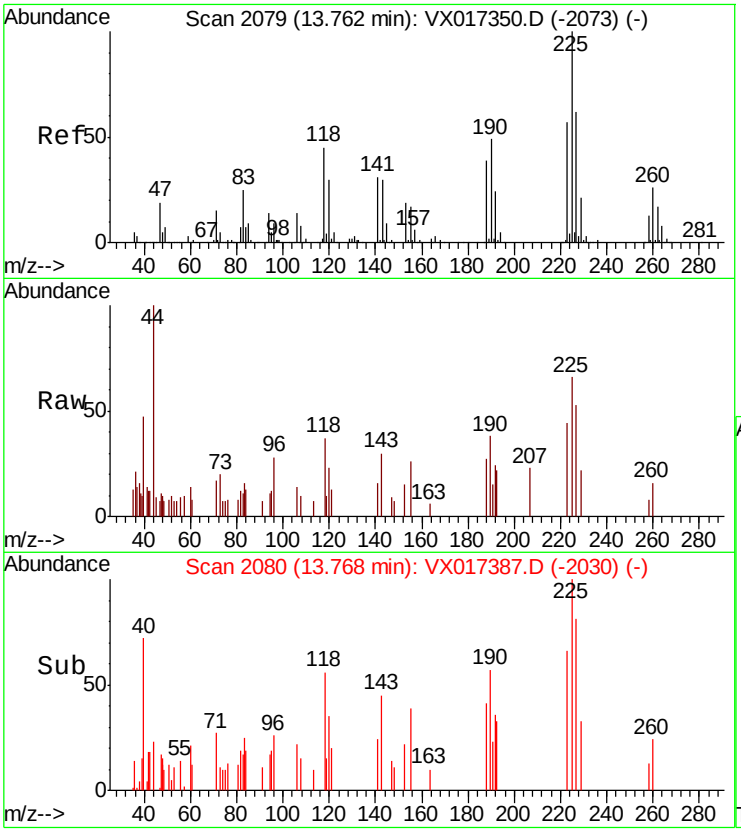


#93
1,2,4-Trichlorobenzene
Concen: 0.226 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Tgt Ion:180 Resp: 1189

Ion	Ratio	Lower	Upper
180	100		
182	102.6	48.4	145.0
145	40.3	15.3	45.8





#94
Hexachlorobutadiene
Concen: 0.324 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX017387.D
Acq: 16 Jul 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:225 Resp: 694

Ion	Ratio	Lower	Upper
225	100		
223	74.9	31.3	93.8
227	82.4	31.6	95.0