Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070220\
Data File : VX017151.D
Acq On : 02 Jul 2020 16:17
Operator : JC/SP
Sample : PB129937TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 03 00:52:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	220430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	363567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	141775	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.34%			
35) Dibromofluoromethane	5.47	113	122087	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.18%			
50) Toluene-d8	8.70	98	445796	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.84%			
62) 4-Bromofluorobenzene	11.12	95	183237	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.24%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	354	0.280	ug/l #	63
8) Diethyl Ether	2.16	74	1312	1.458	ug/l	91
11) Tert butyl alcohol	3.00	59	775	1.495	ug/l #	91
13) Acrolein	2.29	56	413	1.333	ug/l #	73
15) Acrylonitrile	3.12	53	435	0.349	ug/l	91
16) Acetone	2.42	43	5436	5.347	ug/l	94
17) Carbon Disulfide	2.56	76	2624	0.454	ug/l	96
20) Methylene Chloride	2.84	84	5478	1.592	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	603	0.249	ug/l	92
25) 2-Butanone	4.65	43	2348	1.386	ug/l #	75
29) Tetrahydrofuran	5.10	42	510	0.456	ug/l #	64
36) 1,1-Dichloropropene	5.63	75	15563	4.529	ug/l #	51
38) Carbon Tetrachloride	5.63	117	22635	5.981	ug/l #	17
44) Trichloroethene	7.20	130	653	Below Cal		78
49) 1,4-Dioxane	7.54	88	48	0.770	ug/l #	24
51) 4-Methyl-2-Pentanone	8.62	43	1619	0.469	ug/l	95
76) 1,2,3-Trichloropropane	11.12	75	91698	23.371	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	91698	60.523	ug/l #	13
87) 1,3-Dichlorobenzene	12.01	146	1428	0.219	ug/l	89
89) n-Butylbenzene	12.37	91	2249	0.216	ug/l	90
93) 1,2,4-Trichlorobenzene	13.63	180	2030	0.488	ug/l	80
94) Hexachlorobutadiene	13.76	225	961	1.442	ug/l	95
95) Naphthalene	13.81	128	2648	0.209	ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	1455	0.361	ug/l	95

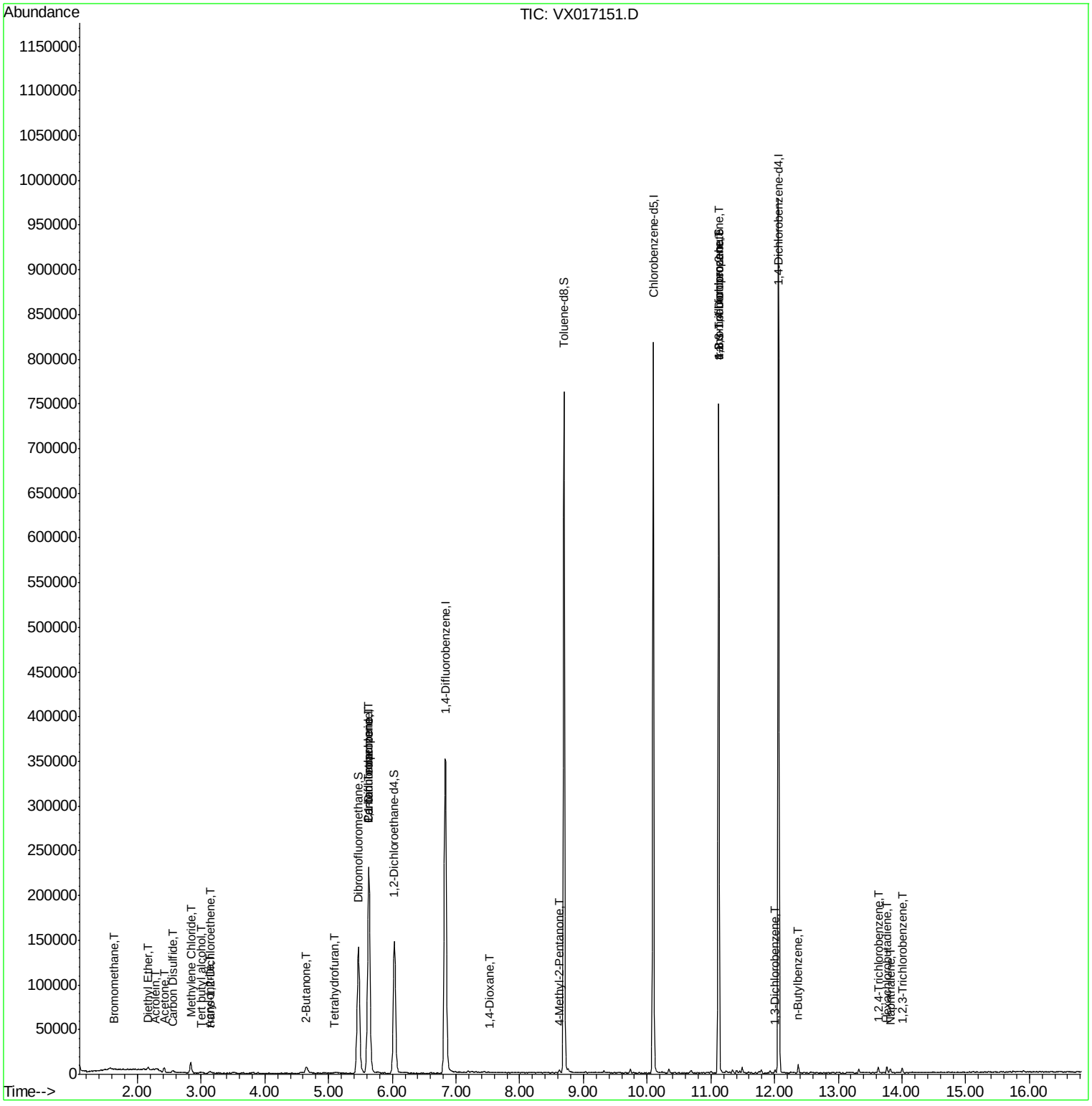
(#) = qualifier out of range (m) = manual integration (+) = signals summed

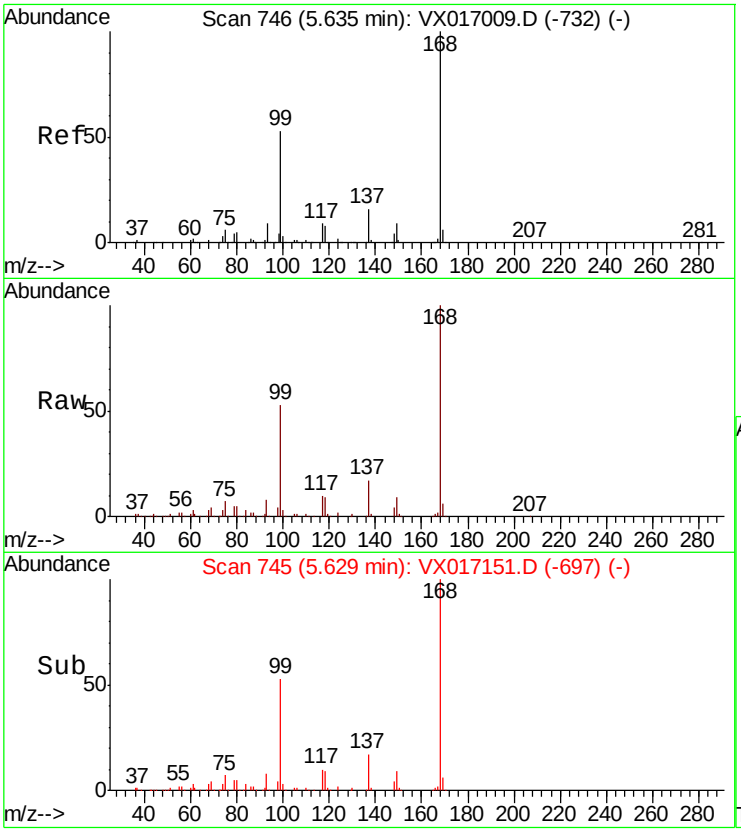
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
Data File : VX017151.D
Acq On : 02 Jul 2020 16:17
Operator : JC/SP
Sample : PB129937TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 03 00:52:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration



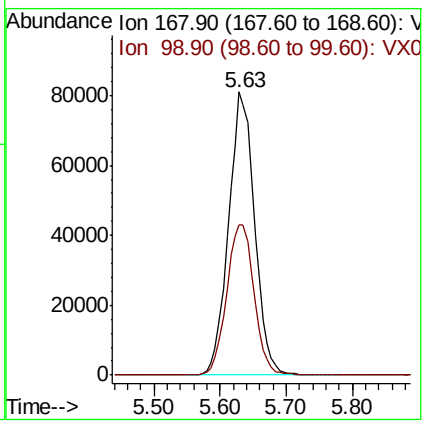


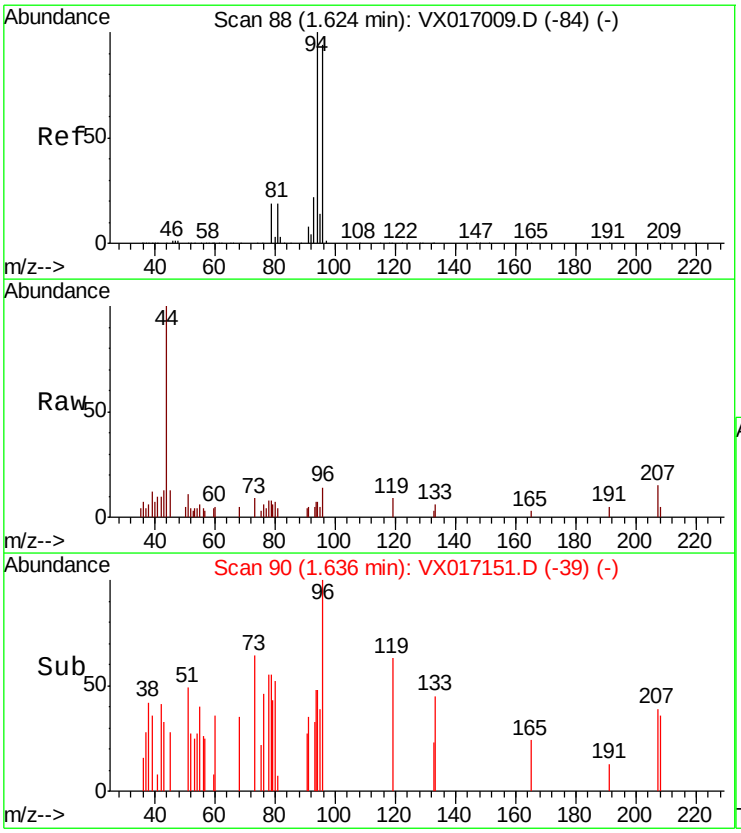
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 220430

Ion	Ratio	Lower	Upper
168	100		
99	53.2	42.6	64.0

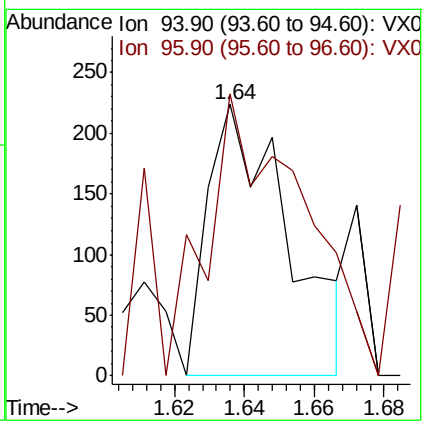


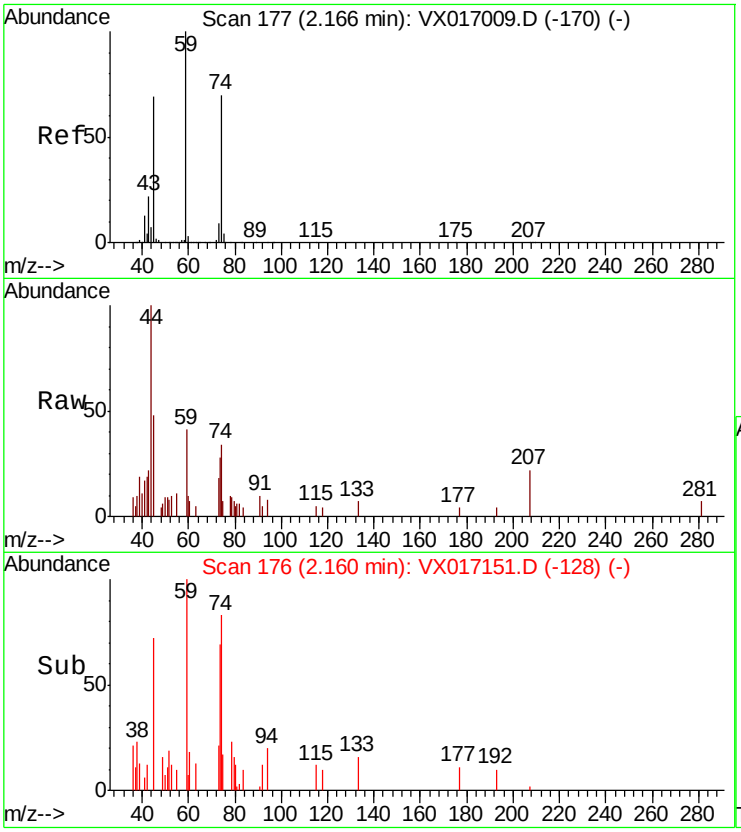


#5
Bromomethane
Concen: 0.280 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 94 Resp: 354

Ion	Ratio	Lower	Upper
94	100		
96	58.5	75.0	112.4#



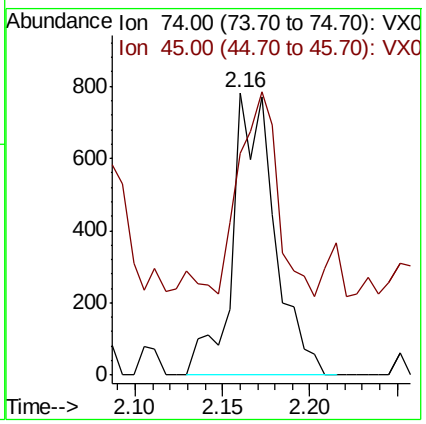


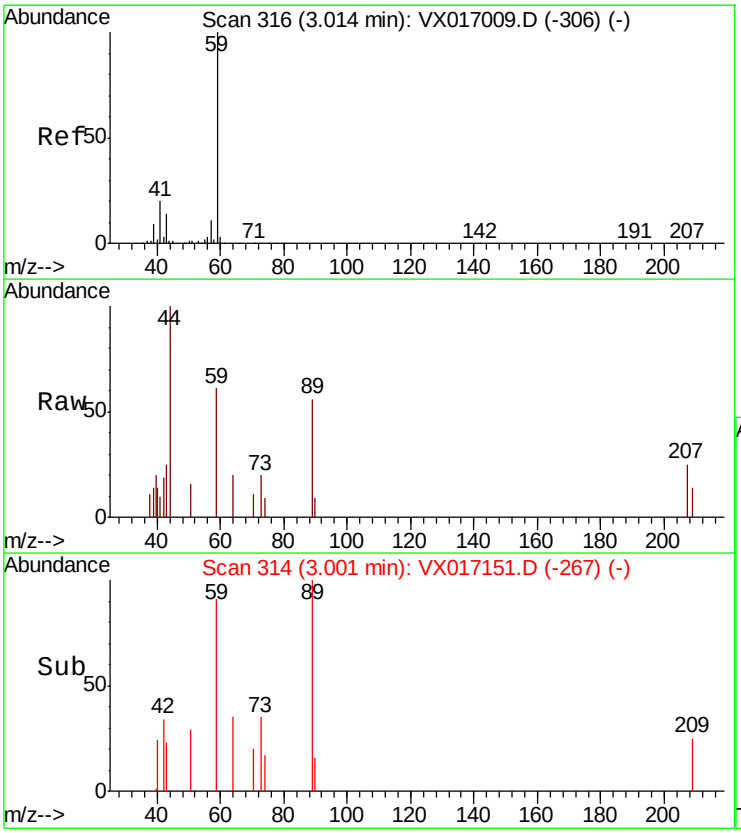
#8
Diethyl Ether
Concen: 1.458 ug/l
RT: 2.16 min Scan# 176
Delta R.T. -0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 1312

Ion	Ratio	Lower	Upper
74	100		
45	90.1	49.8	149.3

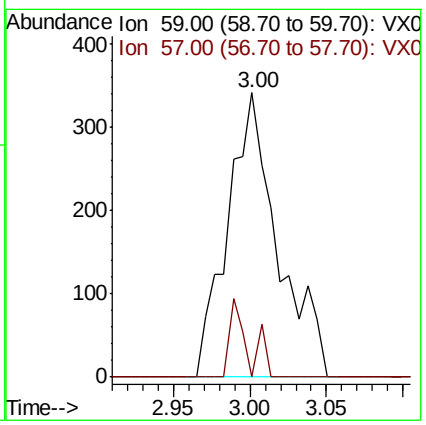


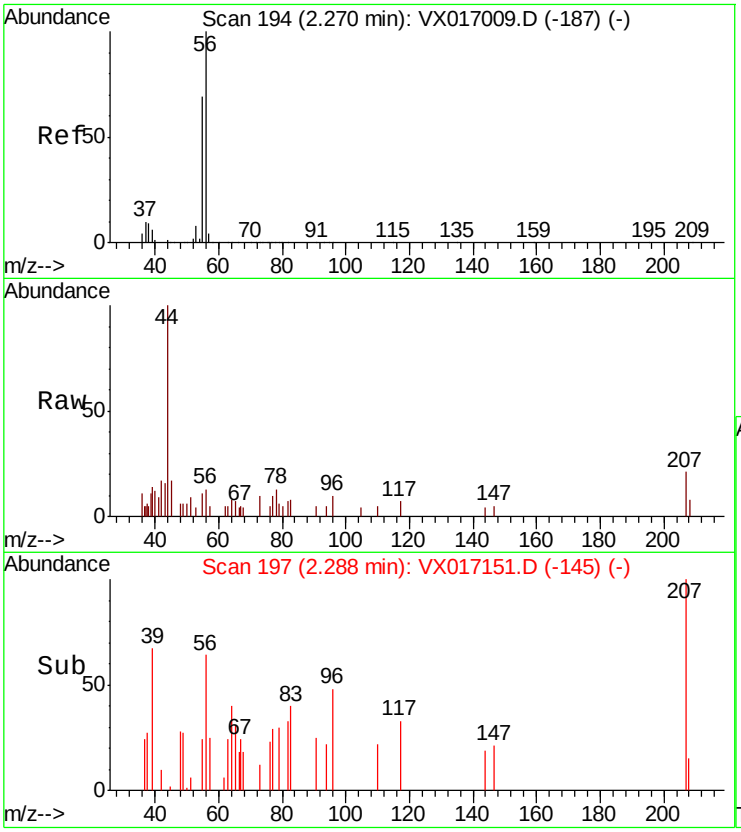


#11
Tert butyl alcohol
Concen: 1.495 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 59 Resp: 775

Ion	Ratio	Lower	Upper
59	100		
57	7.0	8.2	12.2#



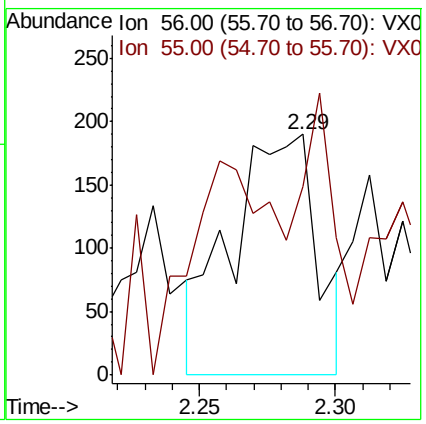


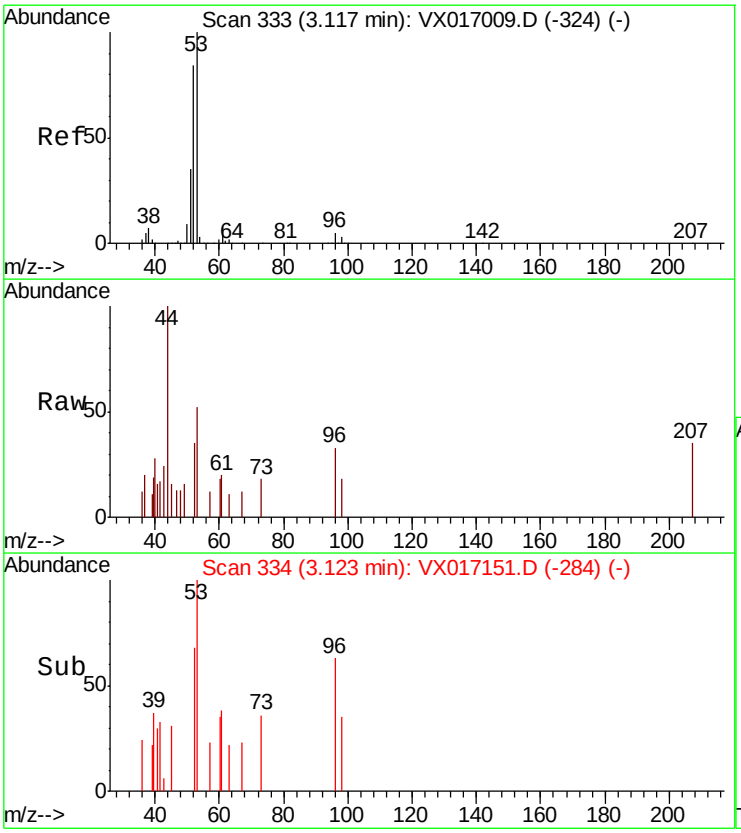
#13
Acrolein
Concen: 1.333 ug/l
RT: 2.29 min Scan# 197
Delta R.T. 0.02 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 413

Ion	Ratio	Lower	Upper
56	100		
55	47.5	55.7	83.5#

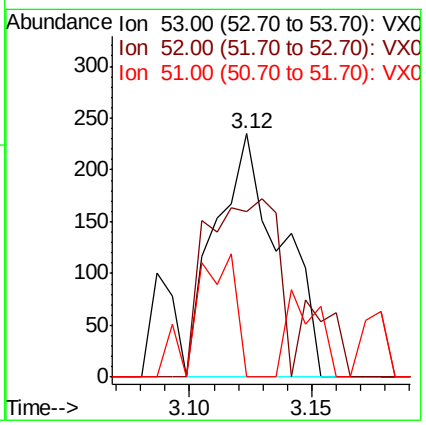


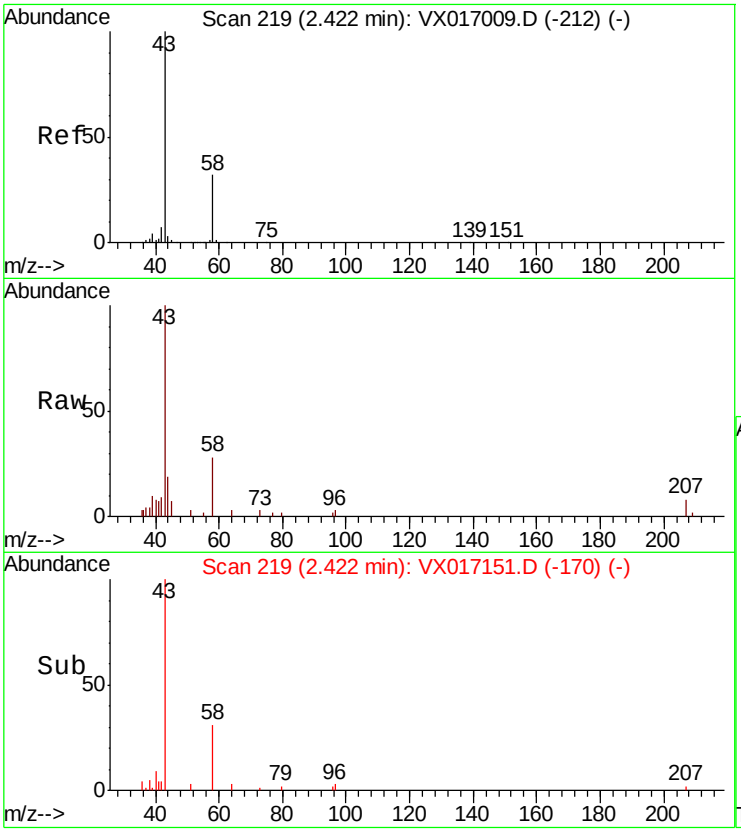


#15
Acrylonitrile
Concen: 0.349 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 53 Resp: 435

Ion	Ratio	Lower	Upper
53	100		
52	90.3	65.6	98.4
51	31.0	28.3	42.5

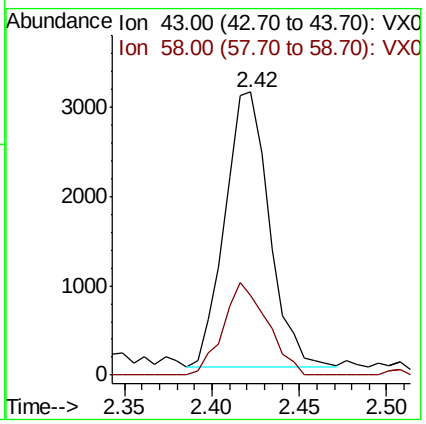




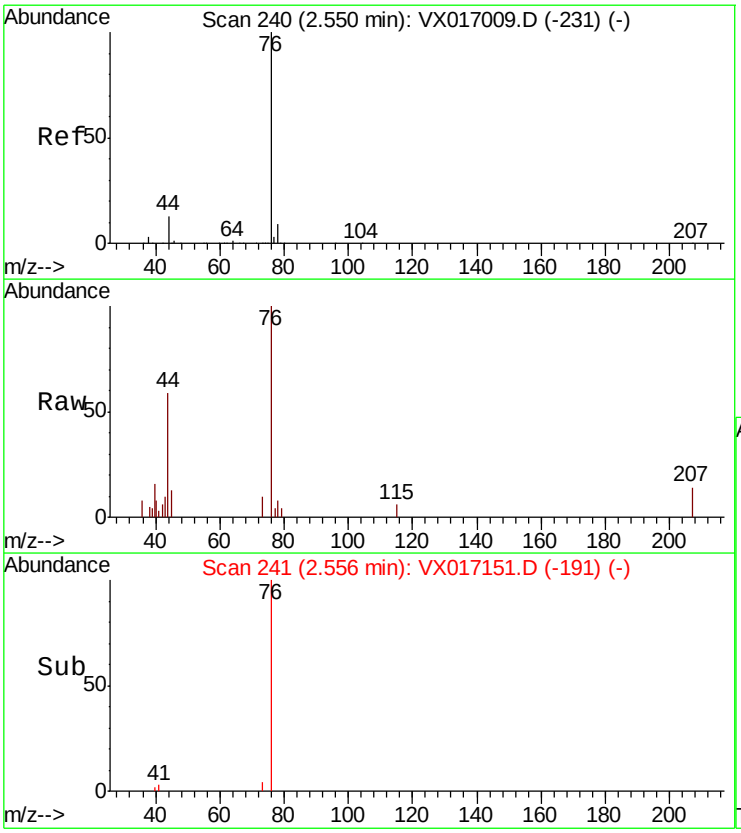
#16
Acetone
Concen: 5.347 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 43 Resp: 5436

Ion	Ratio	Lower	Upper
43	100		
58	28.8	25.7	38.5



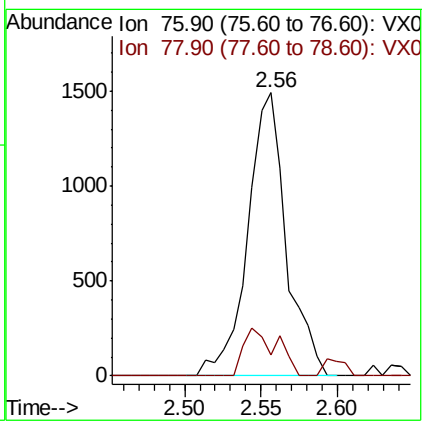
Instrument :
MSVOA_X
ClientSampleId :

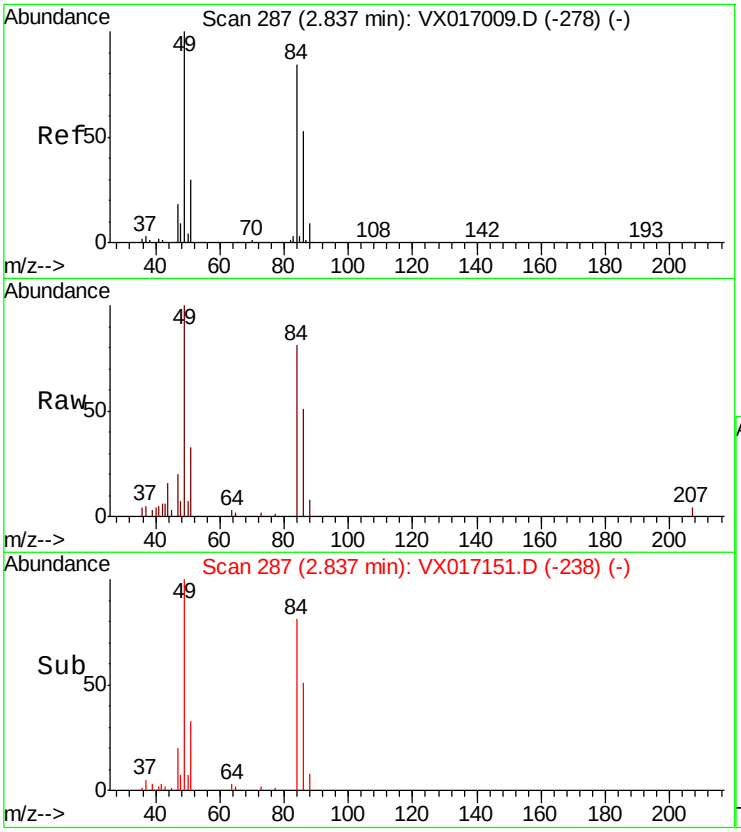


#17
Carbon Disulfide
Concen: 0.454 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 76 Resp: 2624

Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.2	10.8



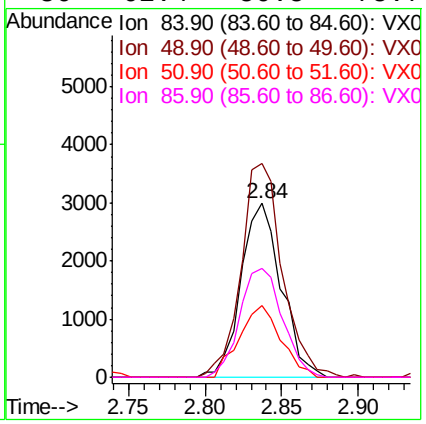


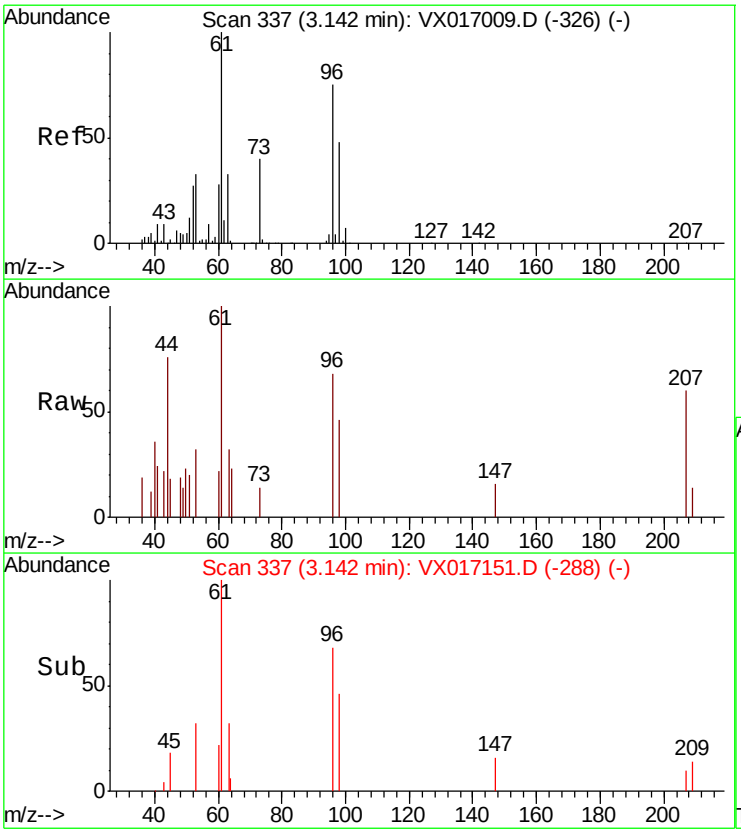
#20
Methylene Chloride
Concen: 1.592 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 5478

Ion	Ratio	Lower	Upper
84	100		
49	122.7	94.7	142.1
51	41.1	28.6	42.8
86	62.4	50.5	75.7

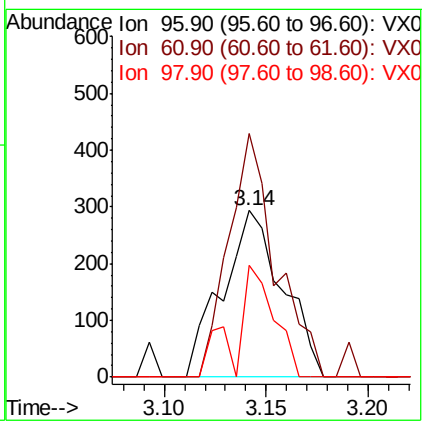


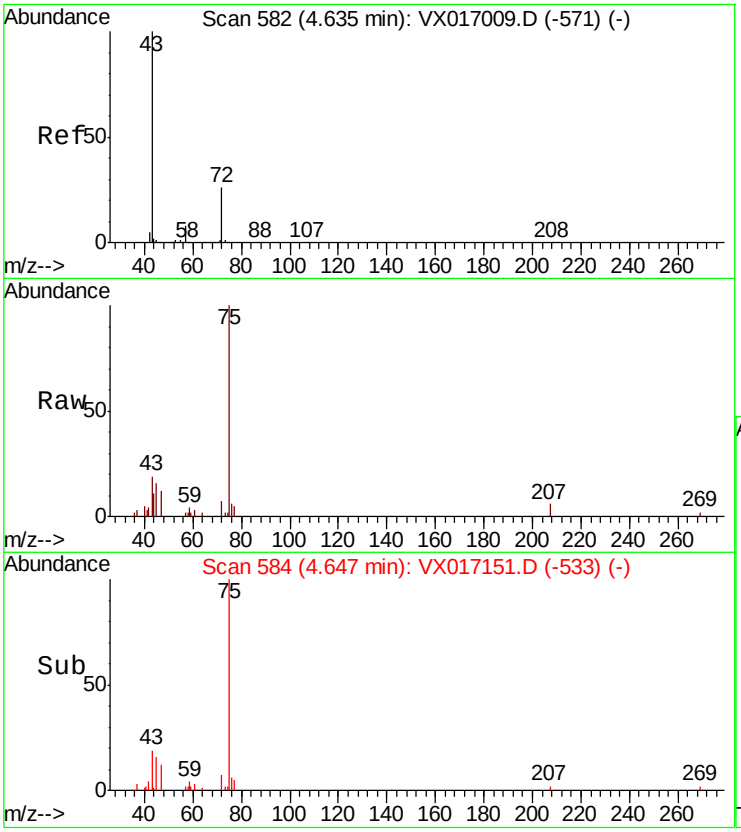


#21
trans-1,2-Dichloroethene
Concen: 0.249 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 96 Resp: 603

Ion	Ratio	Lower	Upper
96	100		
61	146.4	107.0	160.6
98	67.6	51.6	77.4



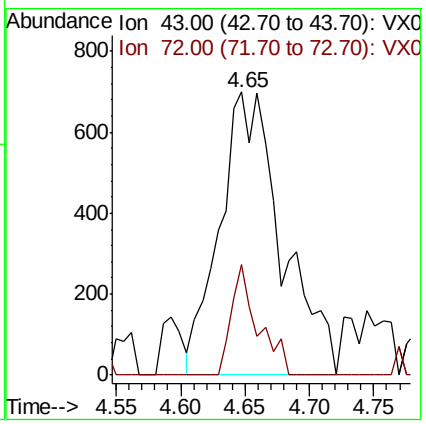


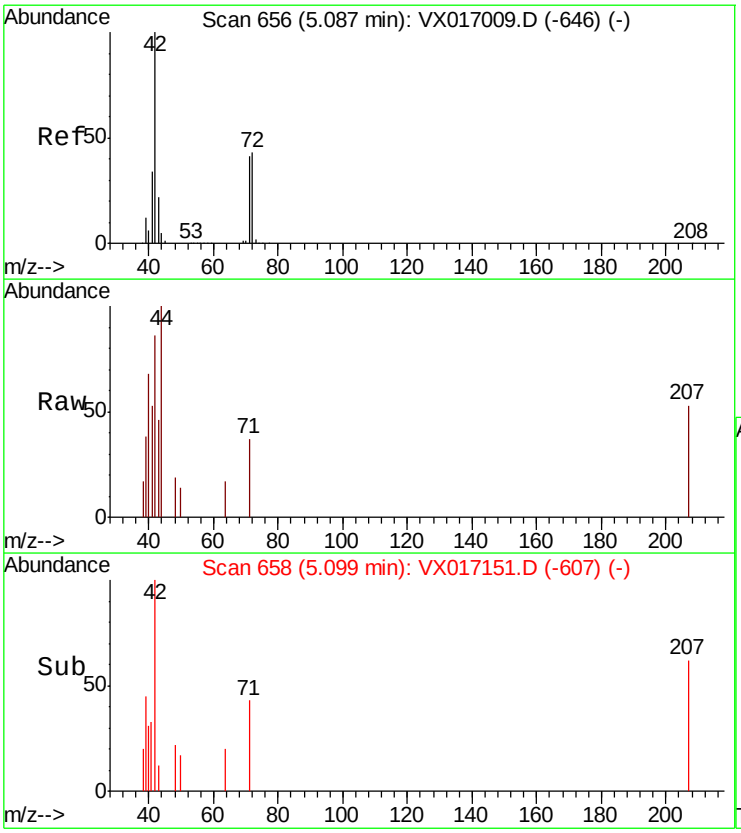
#25
2-Butanone
Concen: 1.386 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2348

Ion	Ratio	Lower	Upper
43	100		
72	38.9	20.8	31.2#

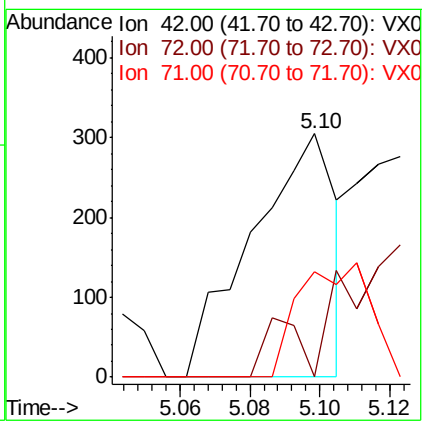


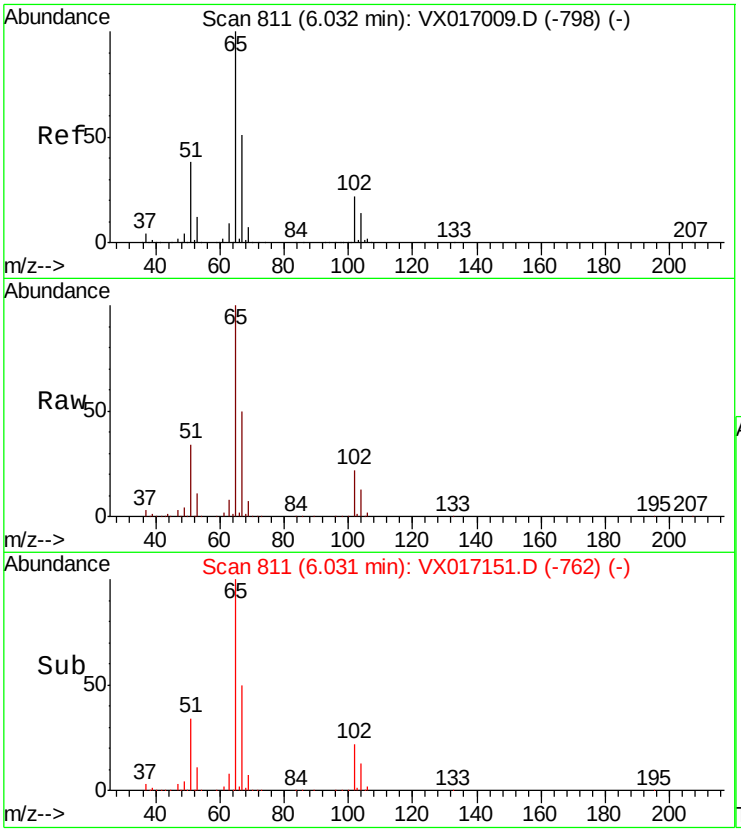


#29
Tetrahydrofuran
Concen: 0.456 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 42 Resp: 510

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.3	52.9#
71	40.0	33.1	49.7



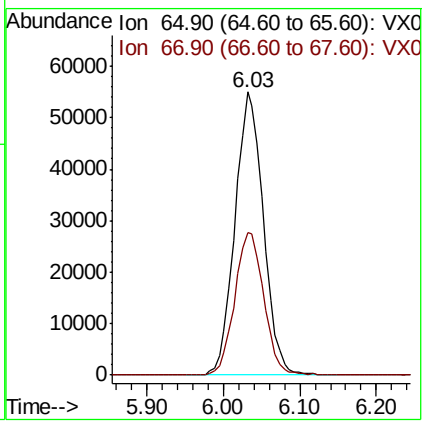


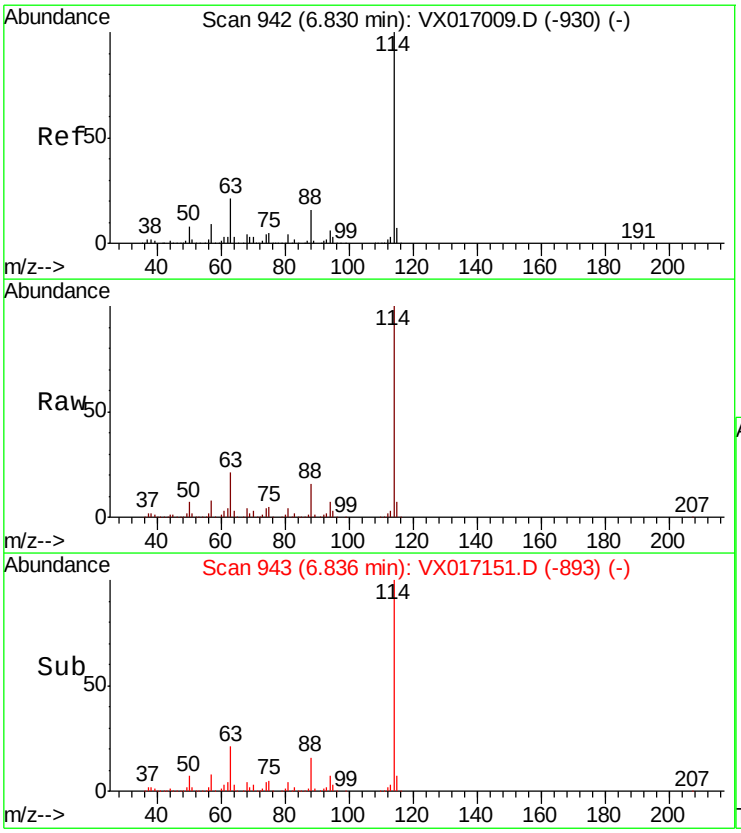
#33
1,2-Dichloroethane-d4
Concen: 52.172 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 141775

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.8

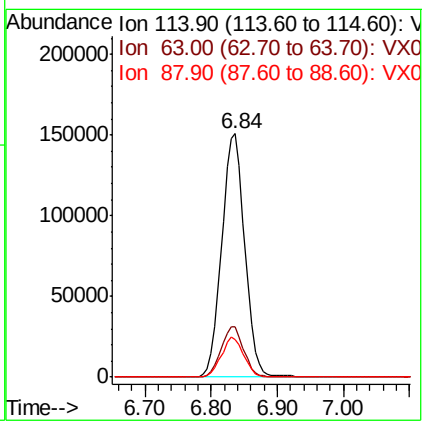


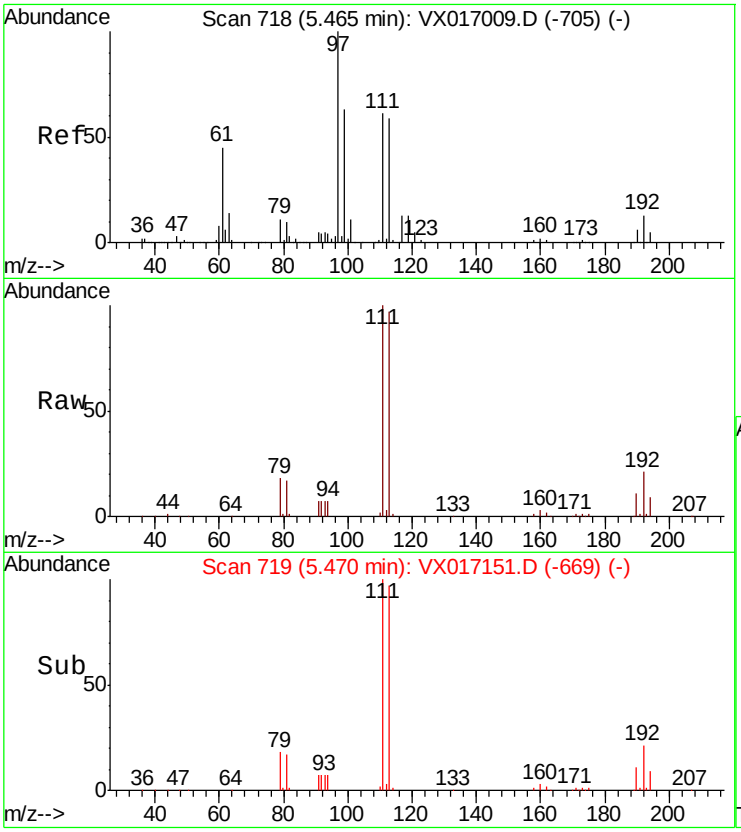


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion:114 Resp: 363567

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.4
88	15.6	0.0	32.4



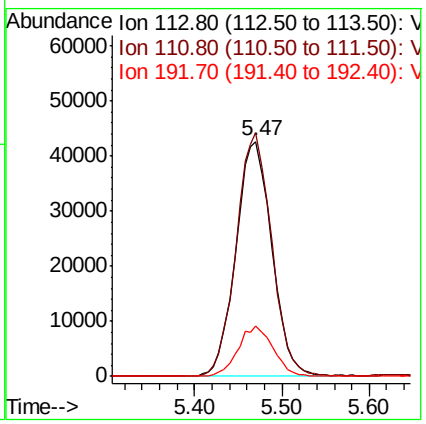


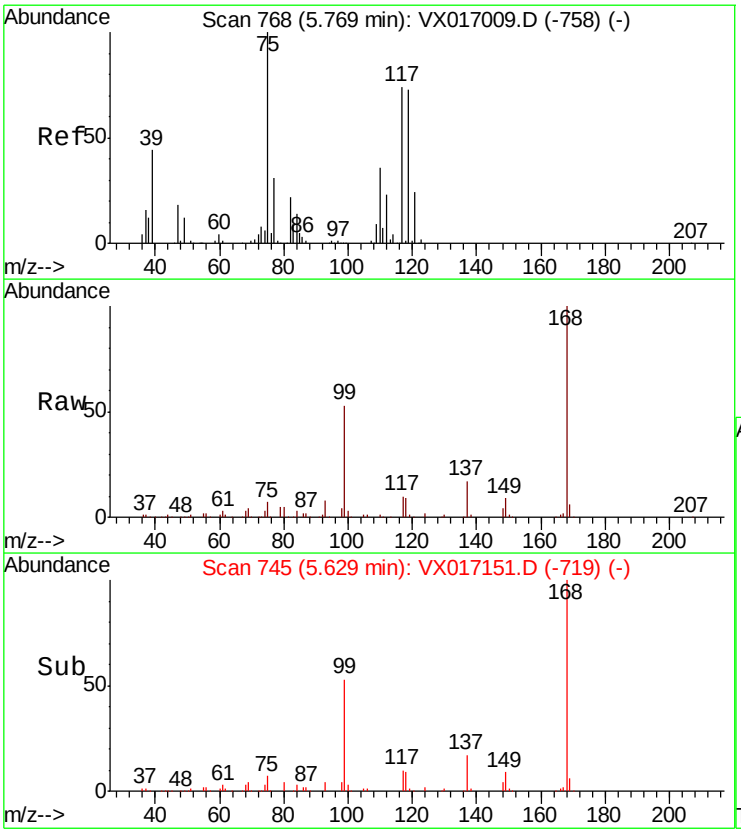
#35
Dibromofluoromethane
Concen: 53.086 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 122087

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	21.0	16.7	25.1

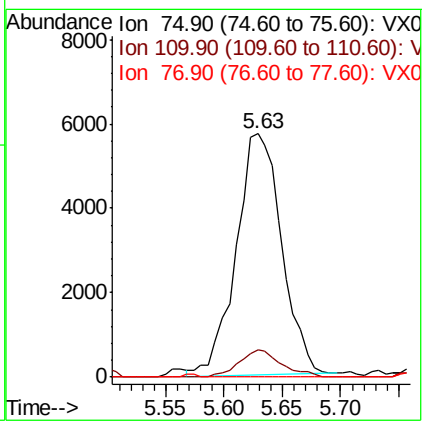


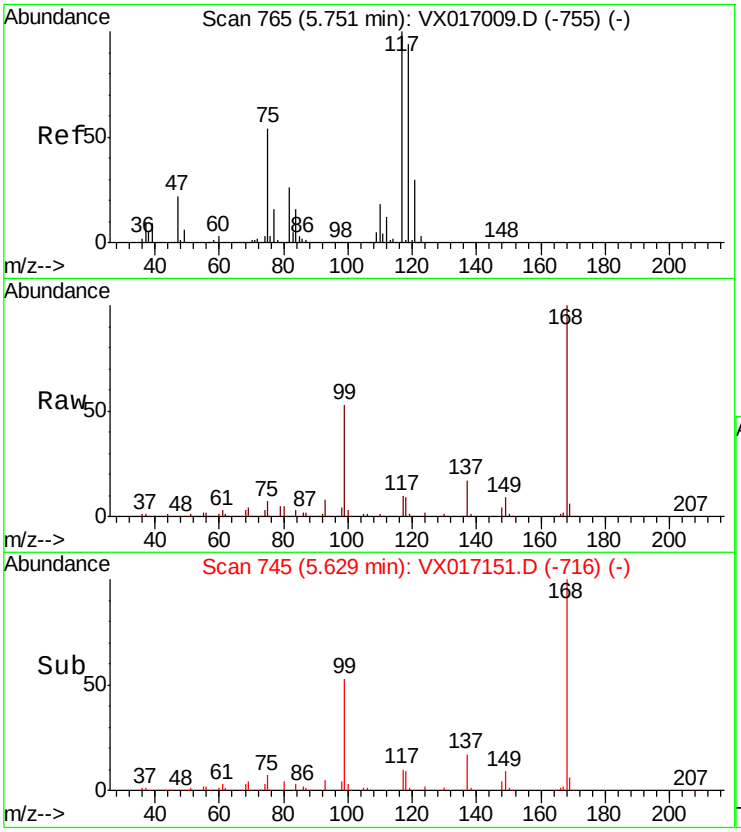


#36
1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 75 Resp: 15563

Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.1#
77	0.0	24.6	37.0#



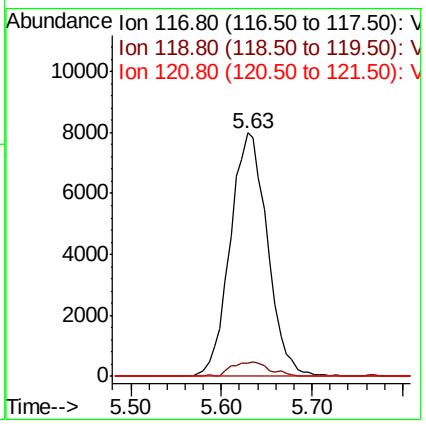


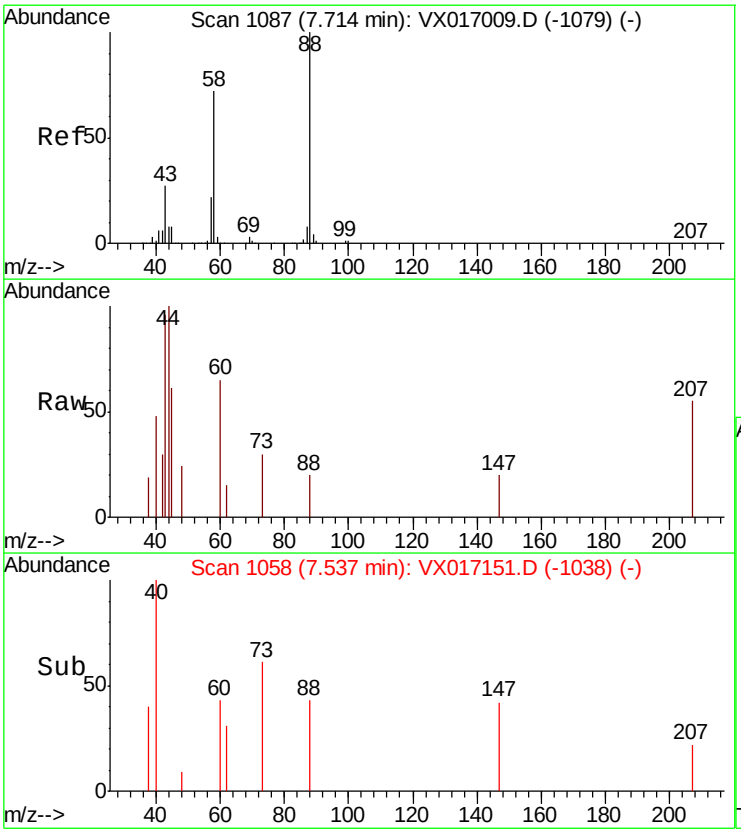
#38
Carbon Tetrachloride
Concen: 5.981 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22635

Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.4	113.0#
121	0.0	23.8	35.6#

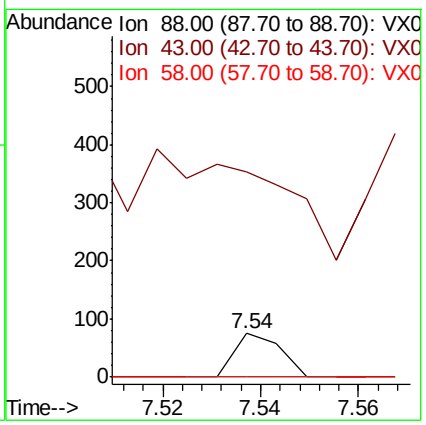


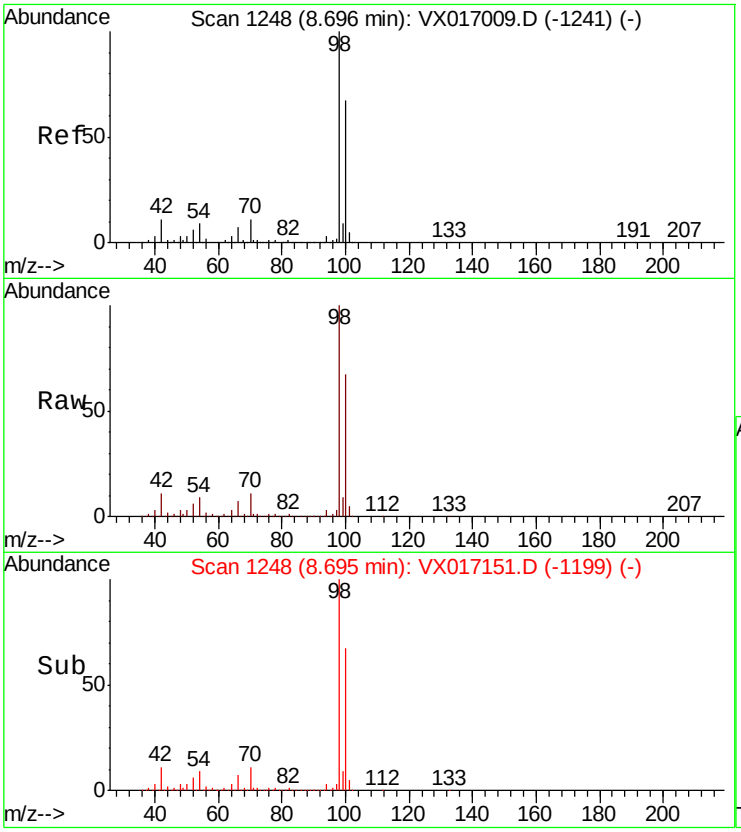


#49
1,4-Dioxane
Concen: 0.770 ug/l
RT: 7.54 min Scan# 1058
Delta R.T. -0.18 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.8#
58	0.0	54.8	82.2#



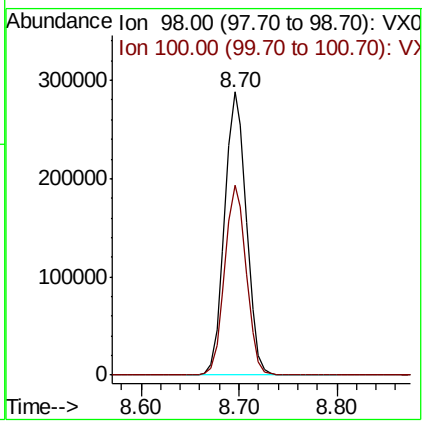


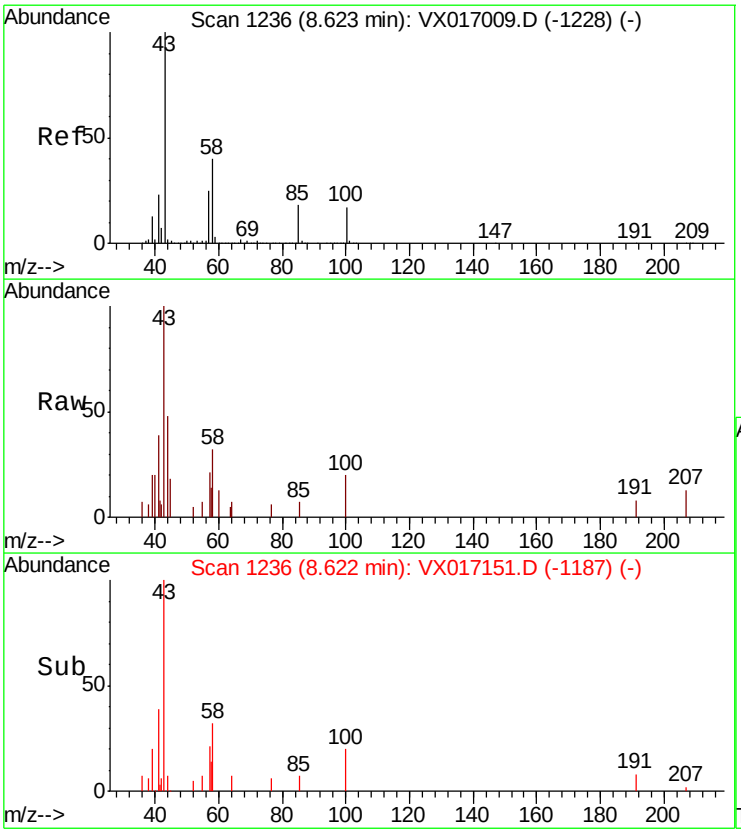
#50
Toluene-d8
Concen: 52.420 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 445796

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.8	80.6

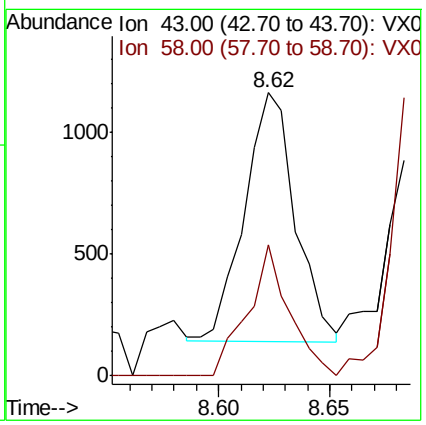


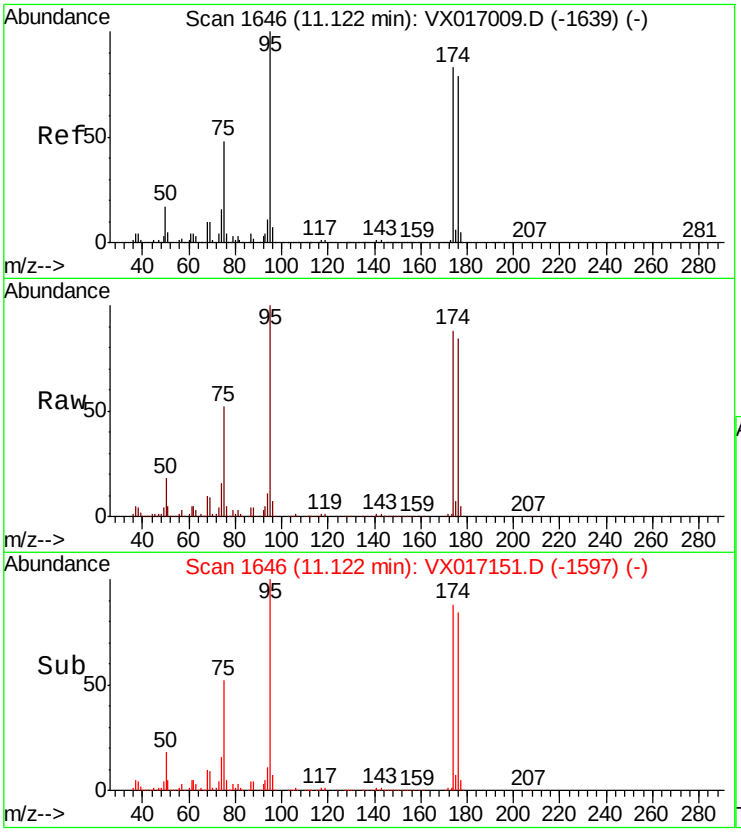


#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 43 Resp: 1619

Ion	Ratio	Lower	Upper
43	100		
58	43.2	31.9	47.9



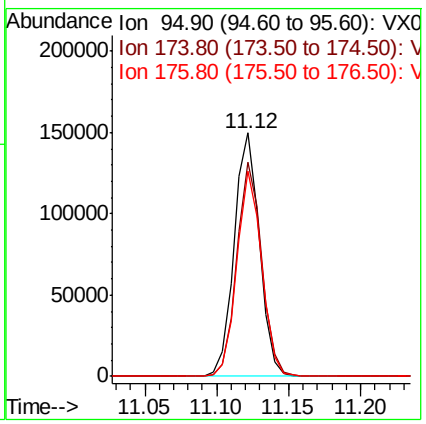


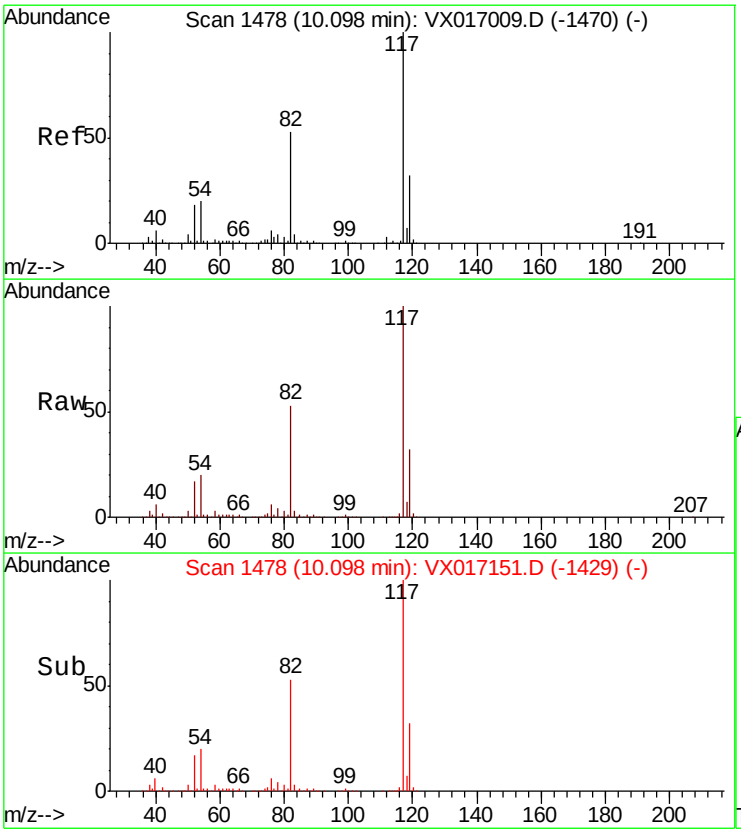
#62
4-Bromofluorobenzene
Concen: 55.119 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 183237

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	164.0
176	82.3	0.0	157.6

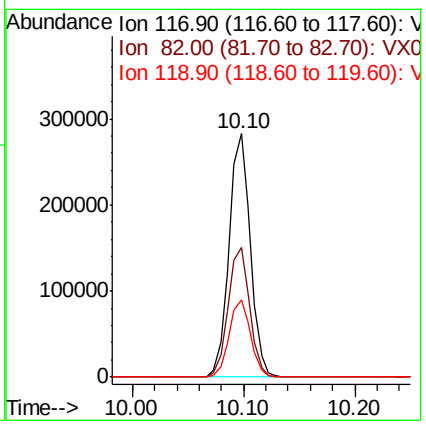


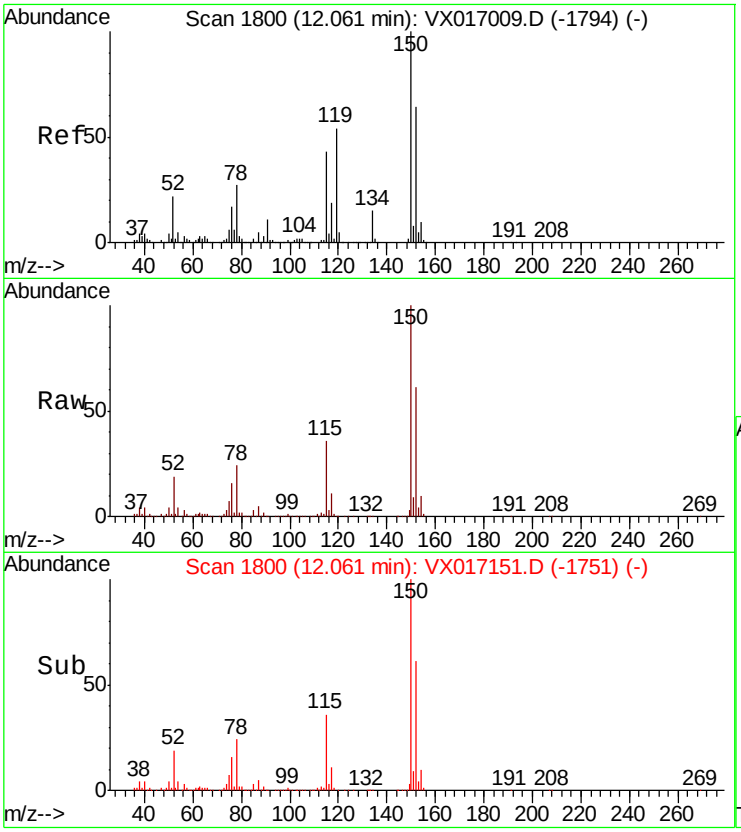


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion:117 Resp: 372878

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	63.8
119	31.9	25.4	38.2



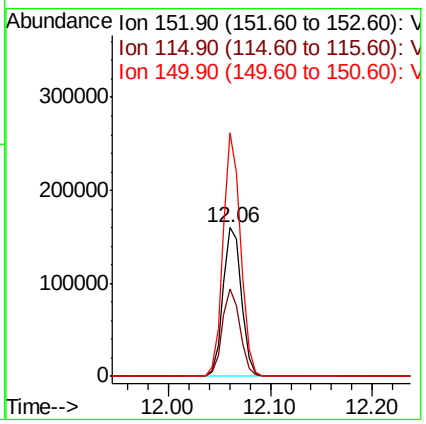


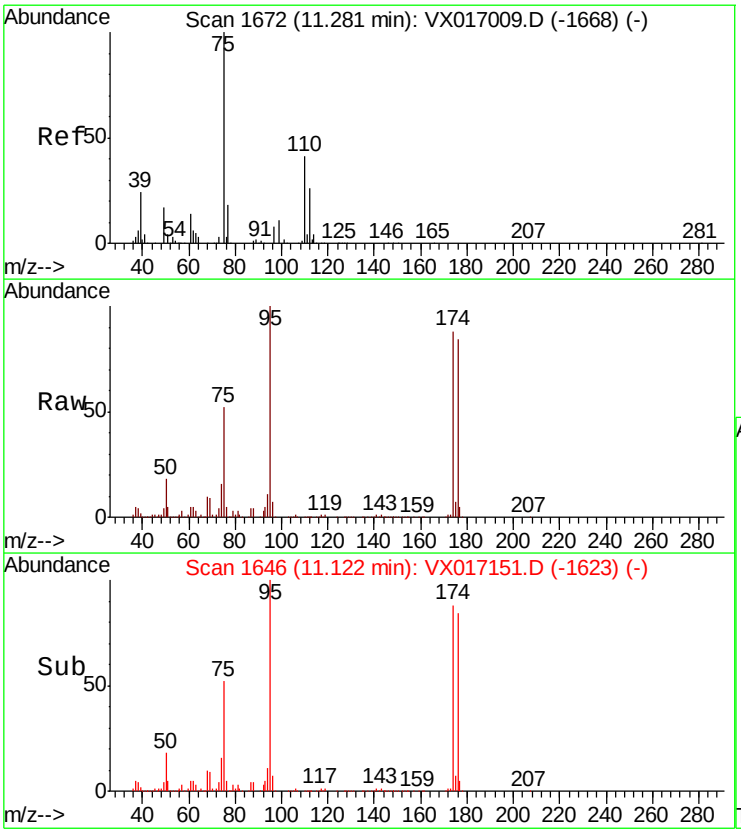
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 199524

Ion	Ratio	Lower	Upper
152	100		
115	57.0	40.9	122.7
150	155.1	0.0	351.6

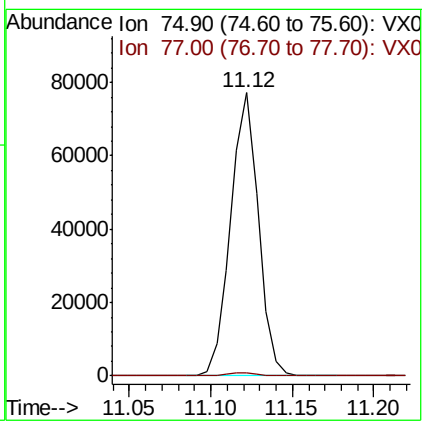


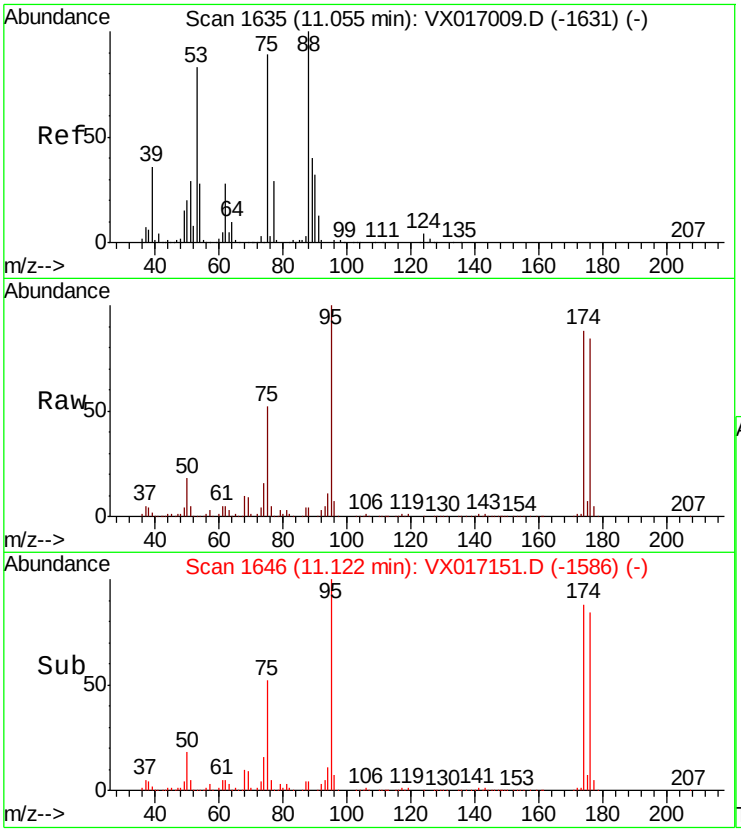


#76
1,2,3-Trichloropropane
Concen: 23.371 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion: 75 Resp: 91698

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.2	60.6#



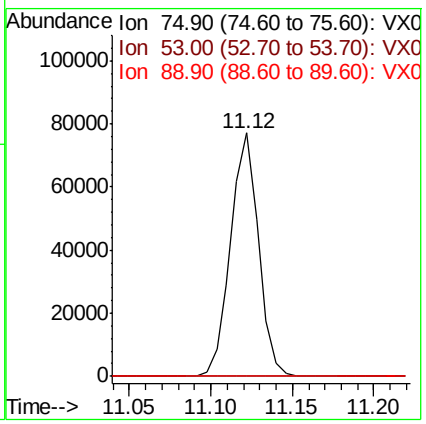


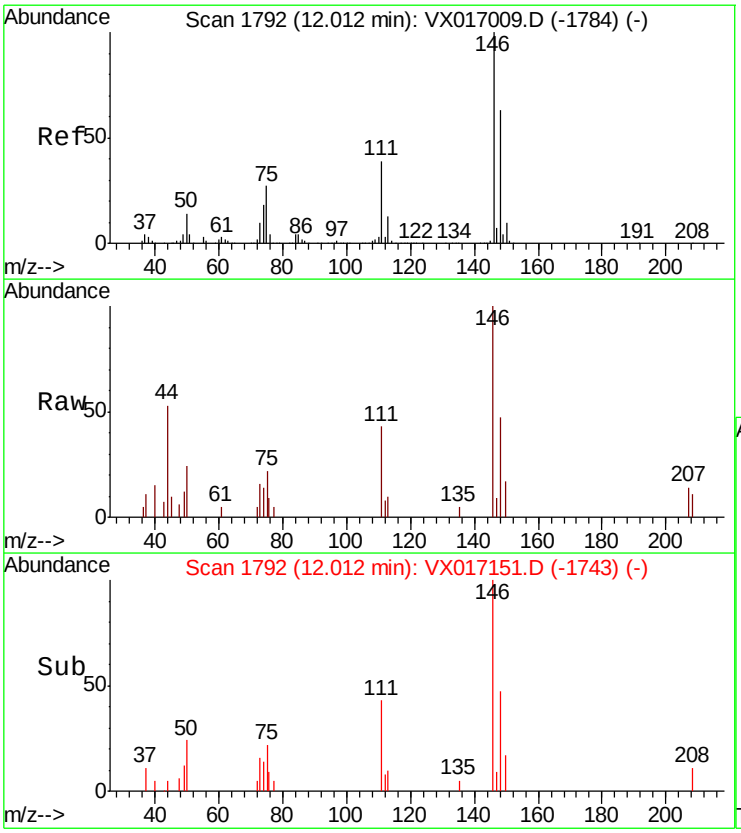
#81
trans-1,4-Dichloro-2-butene
Concen: 60.523 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 91698

Ion	Ratio	Lower	Upper
75	100		
53	0.2	72.4	108.6#
89	0.0	37.0	55.4#

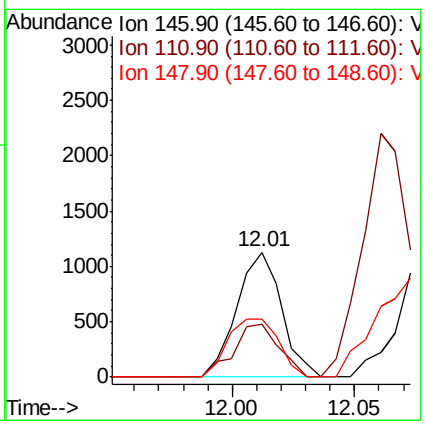


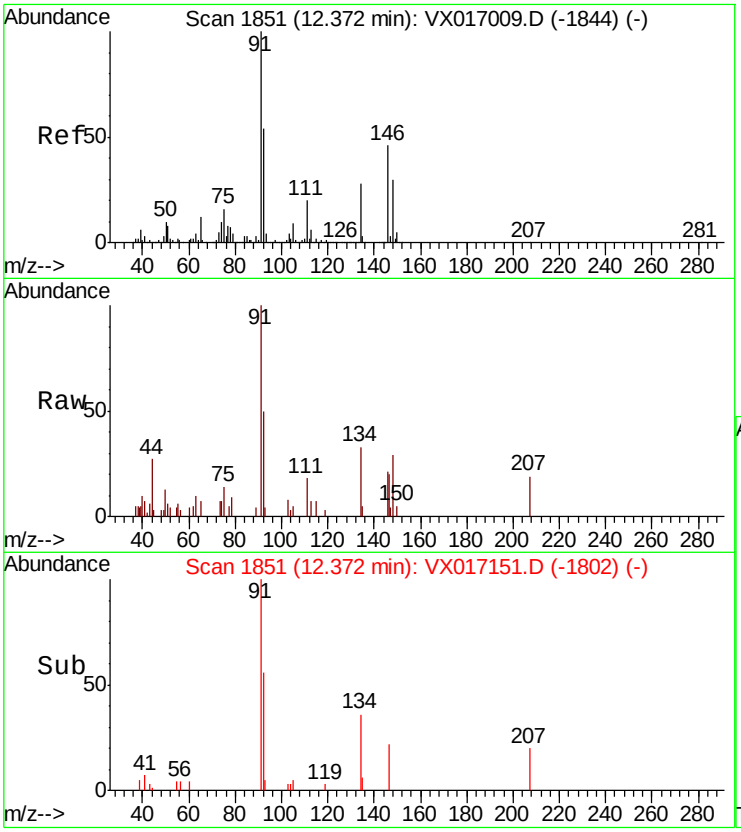


#87
1,3-Dichlorobenzene
Concen: 0.219 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion:146 Resp: 1428

Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.4	61.2
148	53.2	32.5	97.5



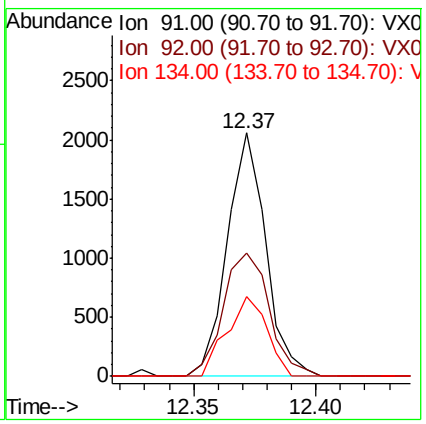


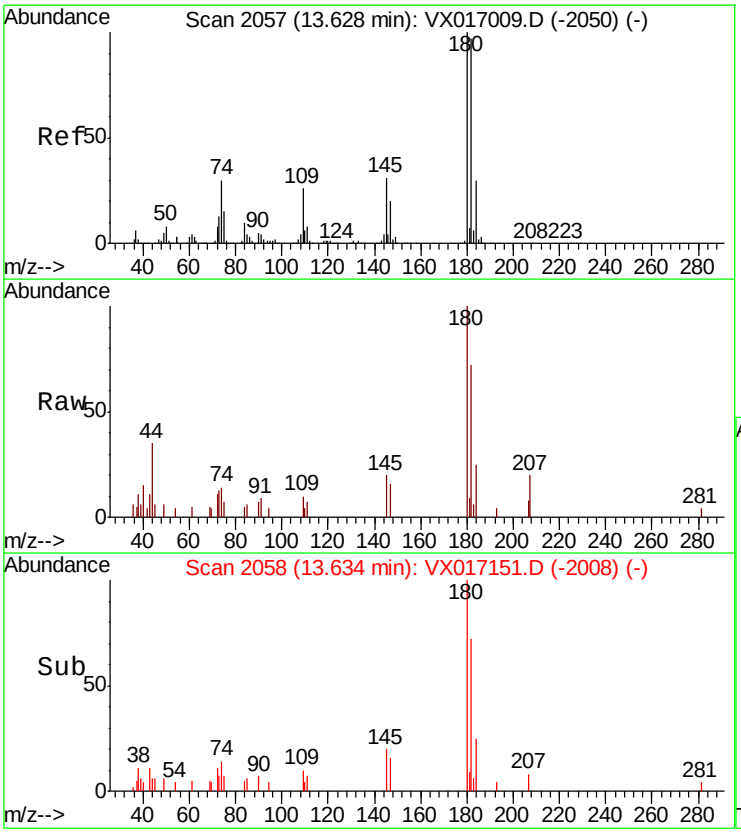
#89
n-Butylbenzene
Concen: 0.216 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 2249

Ion	Ratio	Lower	Upper
91	100		
92	60.9	27.2	81.6
134	34.0	13.6	40.7

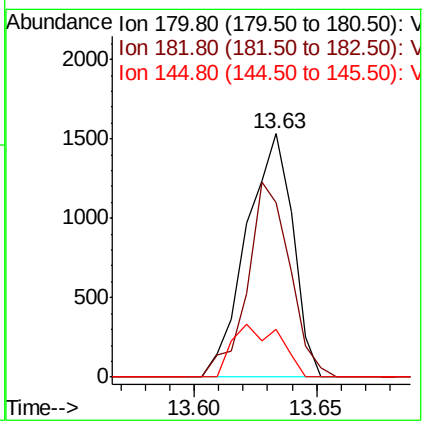


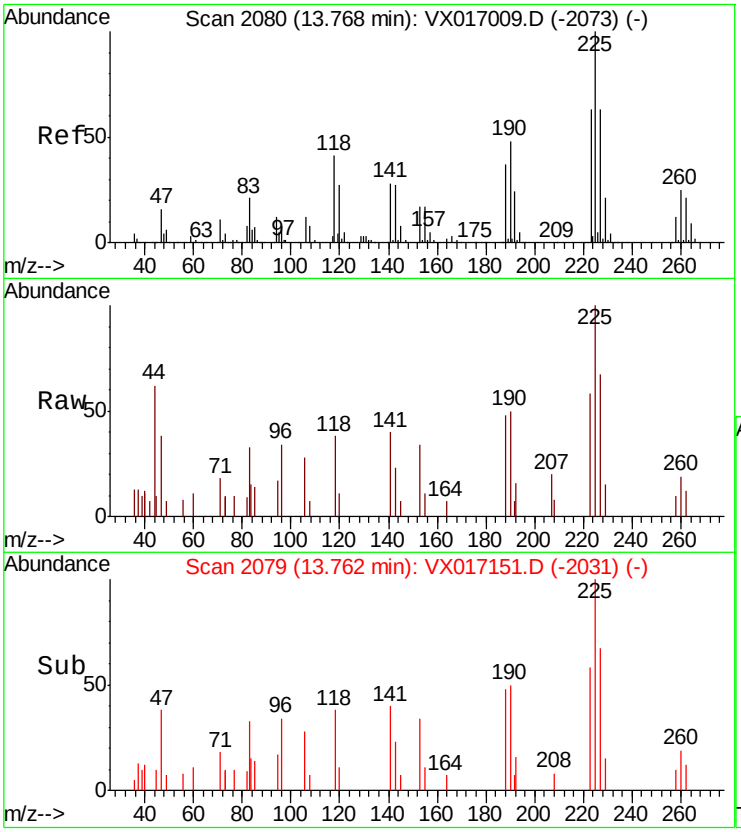


#93
1,2,4-Trichlorobenzene
Concen: 0.488 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion:180 Resp: 2030

Ion	Ratio	Lower	Upper
180	100		
182	73.6	47.3	141.9
145	22.3	15.4	46.2



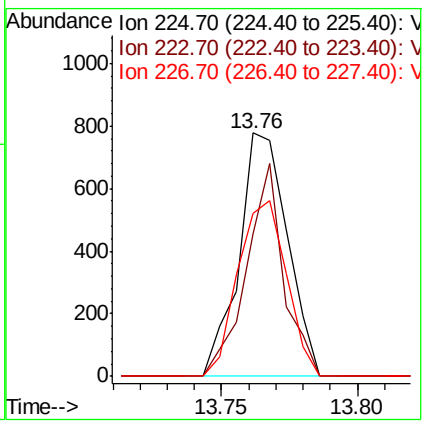


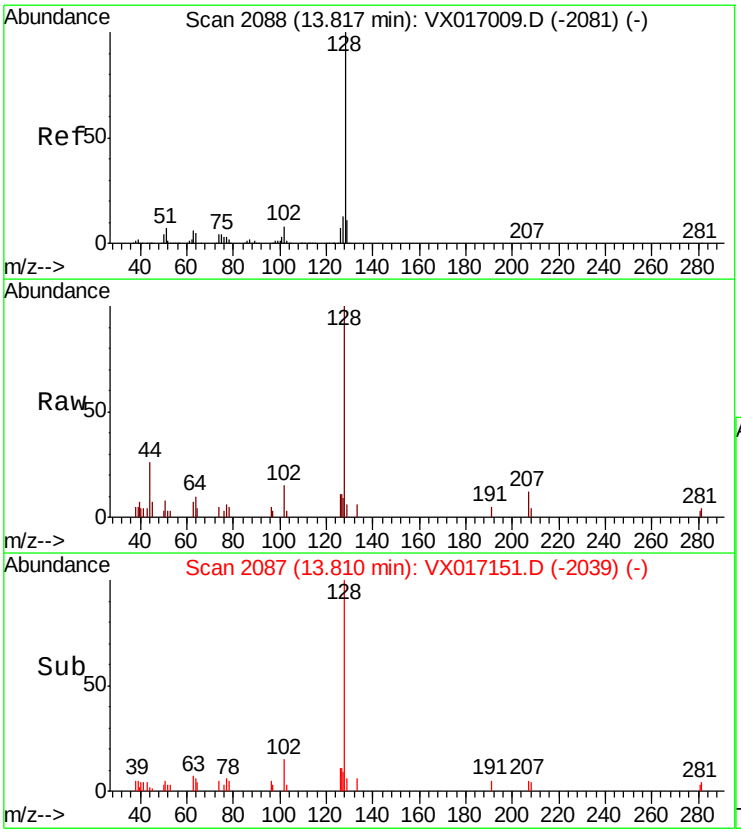
#94
Hexachlorobutadiene
Concen: 1.442 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 961

Ion	Ratio	Lower	Upper
225	100		
223	66.6	32.5	97.5
227	72.1	33.1	99.2

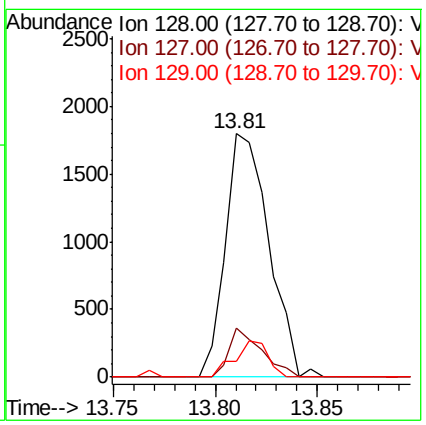


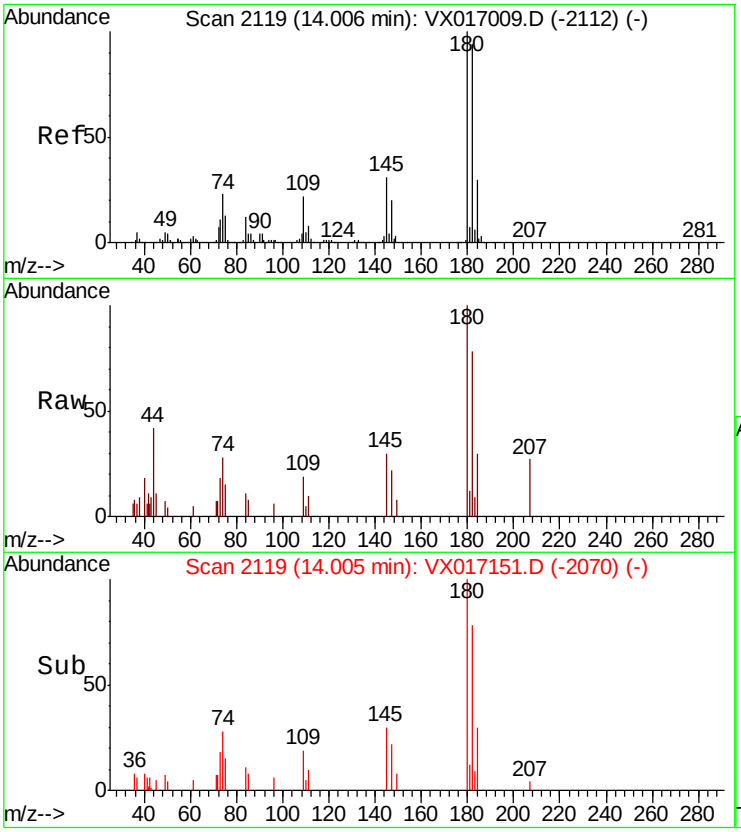


#95
Naphthalene
Concen: 0.209 ug/l
RT: 13.81 min Scan# 2087
Delta R.T. -0.01 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Tgt Ion:128 Resp: 2648

Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.2	15.4
129	11.4	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.361 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017151.D
Acq: 02 Jul 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1455

Ion	Ratio	Lower	Upper
180	100		
182	90.4	47.1	141.4
145	37.7	16.6	49.7