Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061720\
Data File : VX016816.D
Acq On : 17 Jun 2020 15:07
Operator : JC/SP
Sample : L2993-04DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS043MW014-200610DL

Quant Time: Jun 18 00:43:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	292504	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	466490	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	535194	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230461	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	161028	48.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.90%				
35) Dibromofluoromethane	5.47	113	139601	48.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.00%				
50) Toluene-d8	8.70	98	552755	52.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.16%				
62) 4-Bromofluorobenzene	11.12	95	232246	57.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.42%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	697	0.205	ug/l		95
5) Bromomethane	1.64	94	823	0.389	ug/l		98
10) Methyl Iodide	2.50	142	768	0.246	ug/l	#	67
11) Tert butyl alcohol	3.00	59	400	0.484	ug/l	#	73
12) 1,1-Dichloroethene	2.36	96	900	0.315	ug/l	#	58
13) Acrolein	2.27	56	549	3.851	ug/l		91
15) Acrylonitrile	3.12	53	734	0.438	ug/l	#	89
16) Acetone	2.42	43	1706	1.143	ug/l		91
17) Carbon Disulfide	2.55	76	2947	0.360	ug/l	#	95
19) Methyl tert-butyl Ether	3.16	73	8233	0.845	ug/l		96
20) Methylene Chloride	2.84	84	785	0.244	ug/l	#	81
21) trans-1,2-Dichloroethene	3.14	96	31988	10.412	ug/l		96
26) 2,2-Dichloropropane	4.64	77	1063	0.219	ug/l	#	53
27) cis-1,2-Dichloroethene	4.57	96	16285	4.638	ug/l		90
31) Cyclohexane	5.55	56	146	0.729	ug/l	#	64
36) 1,1-Dichloropropene	5.63	75	19494	4.729	ug/l	#	49
38) Carbon Tetrachloride	5.63	117	27087	5.785	ug/l	#	16
39) Methylcyclohexane	7.44	83	502	1.056	ug/l	#	72
42) 1,2-Dichloroethane	6.16	62	24038	5.247	ug/l		98
44) Trichloroethene	7.19	130	268485	69.152	ug/l		97
55) 1,1,2-Trichloroethane	9.20	97	724	0.221	ug/l		94
76) 1,2,3-Trichloropropane	11.12	75	110063	22.710	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.12	75	110063	57.171	ug/l	#	13
89) n-Butylbenzene	12.37	91	2576	0.240	ug/l		99
93) 1,2,4-Trichlorobenzene	13.63	180	1991	0.394	ug/l		98
94) Hexachlorobutadiene	13.77	225	1033	0.874	ug/l		97
95) Naphthalene	13.82	128	4461	0.282	ug/l		96
96) 1,2,3-Trichlorobenzene	14.00	180	2008	0.404	ug/l		98

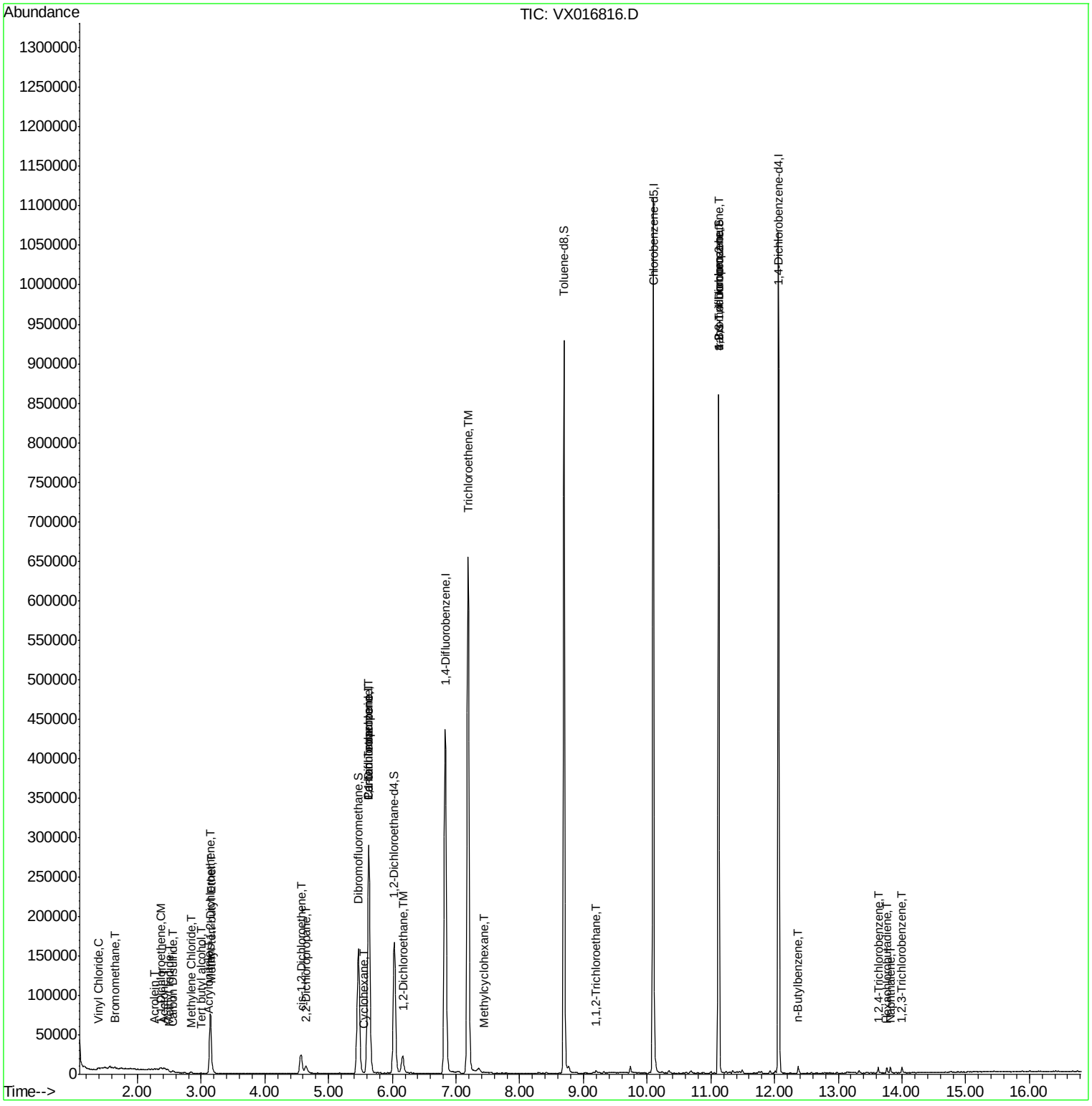
(#) = qualifier out of range (m) = manual integration (+) = signals summed

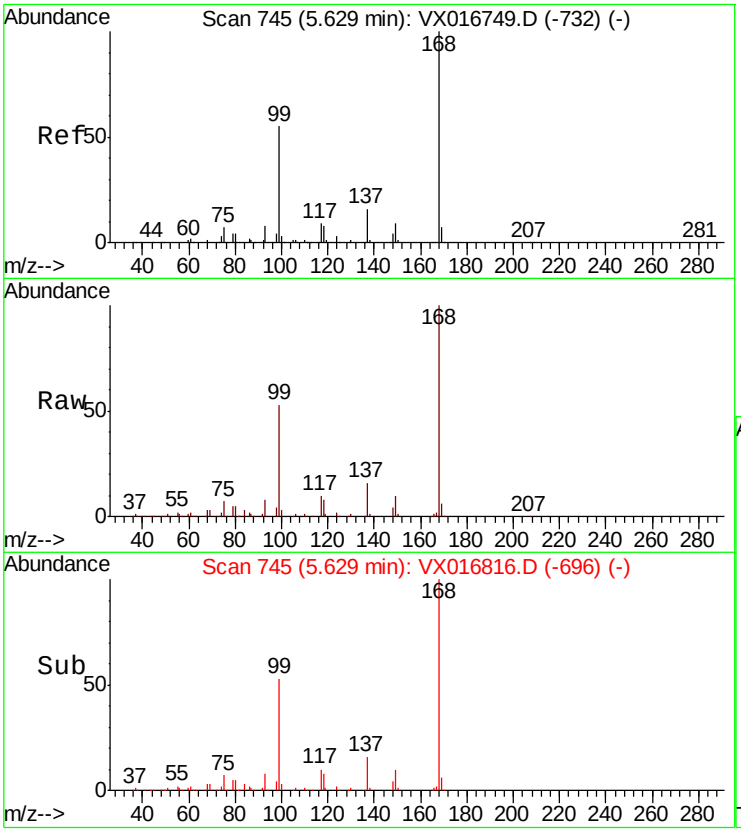
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061720\
Data File : VX016816.D
Acq On : 17 Jun 2020 15:07
Operator : JC/SP
Sample : L2993-04DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Quant Time: Jun 18 00:43:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration



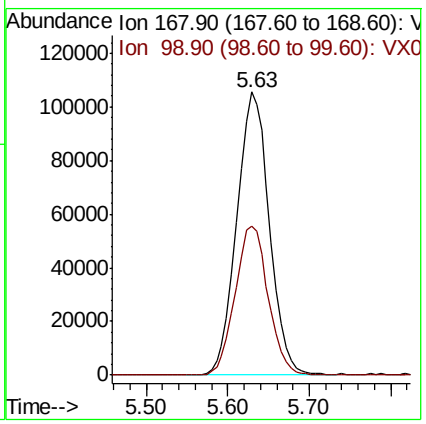


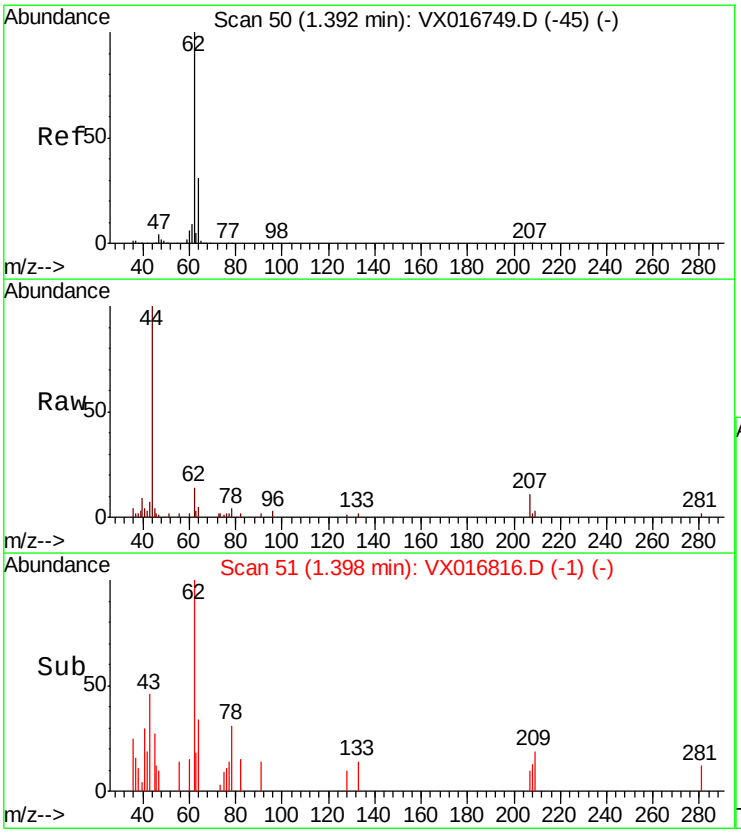
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion:168 Resp: 292504

Ion	Ratio	Lower	Upper
168	100		
99	52.8	43.8	65.6

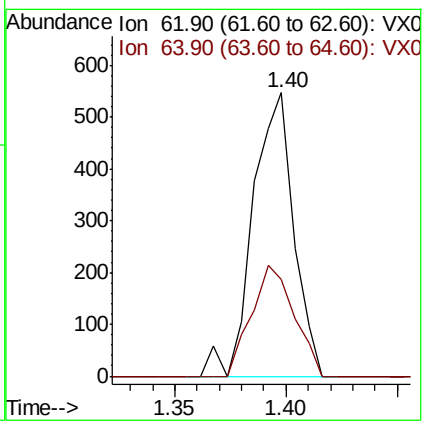


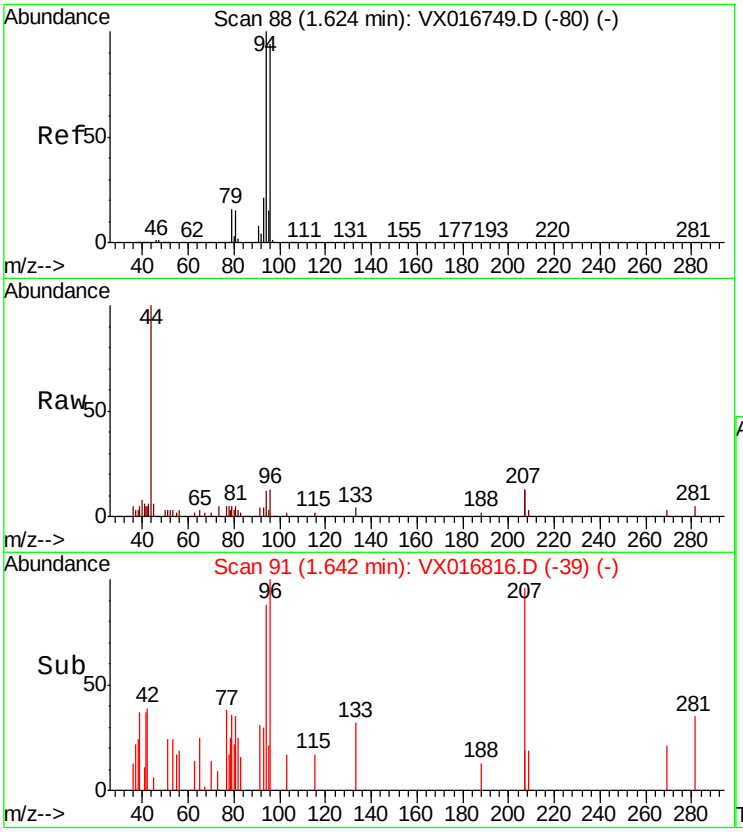


#4
Vinyl Chloride
Concen: 0.205 ug/l
RT: 1.40 min Scan# 51
Delta R.T. 0.01 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 62 Resp: 697

Ion	Ratio	Lower	Upper
62	100		
64	34.0	25.1	37.7



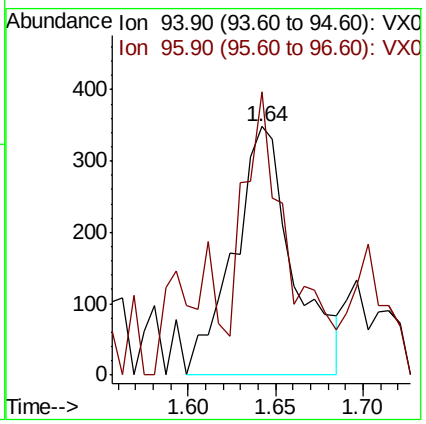


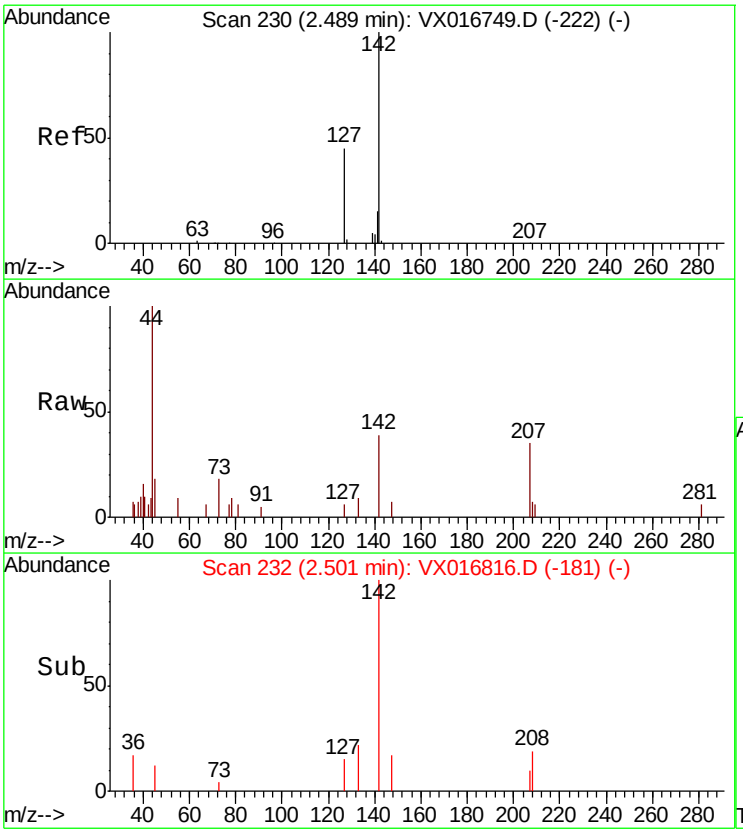
#5
Bromomethane
Concen: 0.389 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 94 Resp: 823

Ion	Ratio	Lower	Upper
94	100		
96	96.0	75.4	113.0

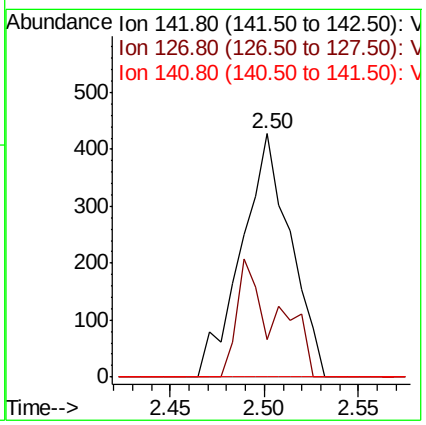


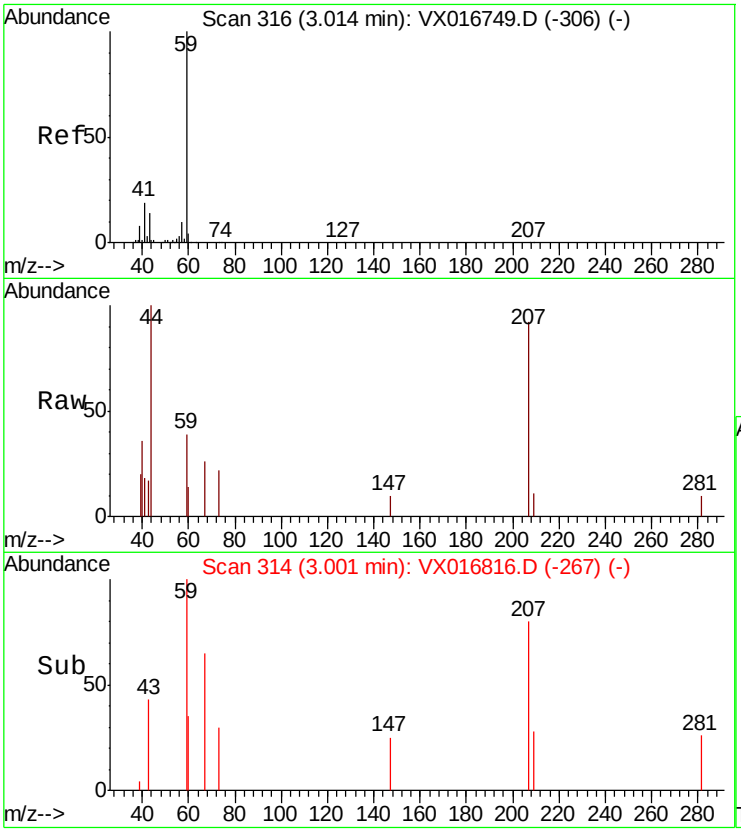


#10
Methyl Iodide
Concen: 0.246 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion:142 Resp: 768

Ion	Ratio	Lower	Upper
142	100		
127	23.6	35.4	53.2#
141	0.0	11.7	17.5#



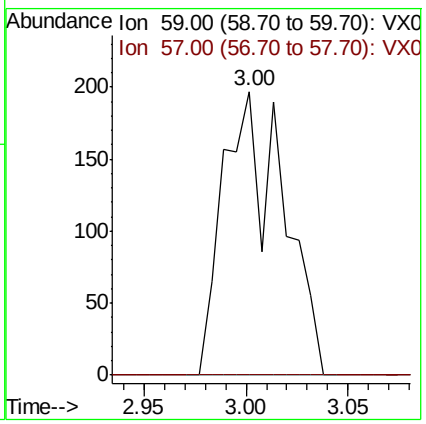


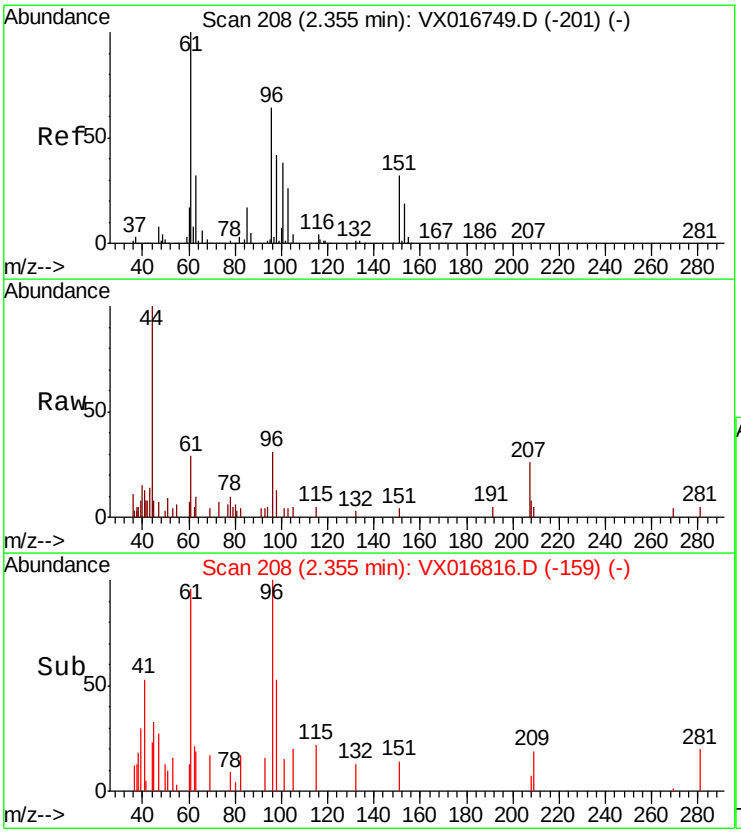
#11
Tert butyl alcohol
Concen: 0.484 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 59 Resp: 400

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

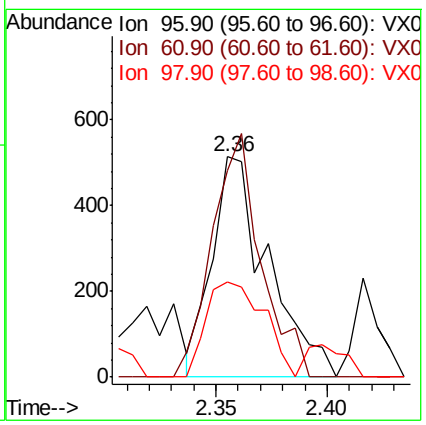


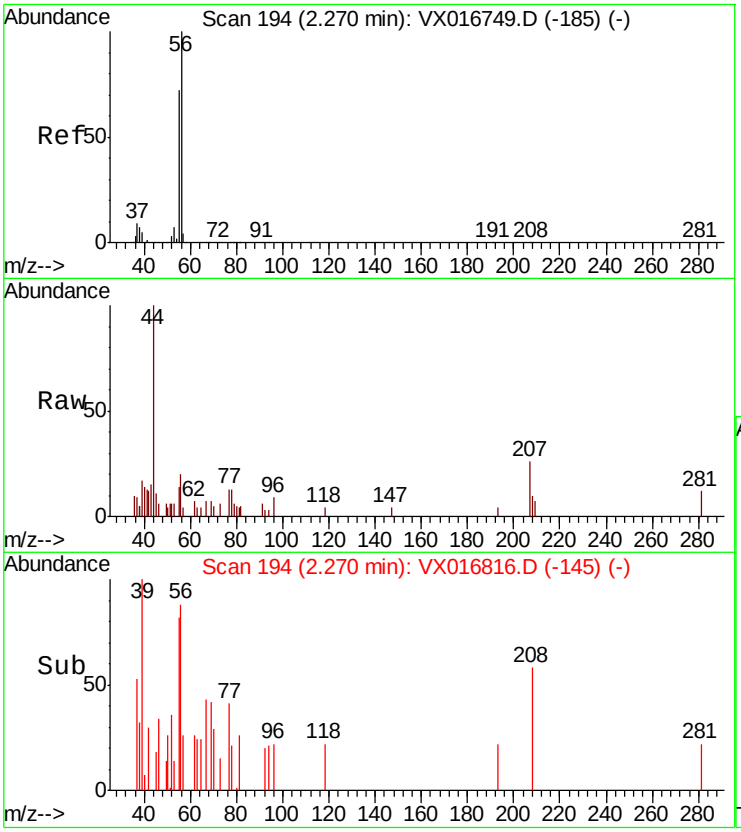


#12
1,1-Dichloroethene
Concen: 0.315 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 96 Resp: 900

Ion	Ratio	Lower	Upper
96	100		
61	94.0	124.1	186.1#
98	43.4	52.7	79.1#



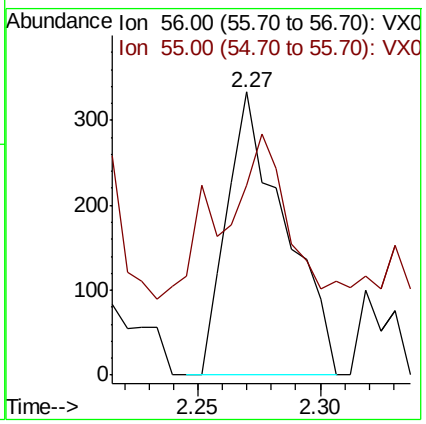


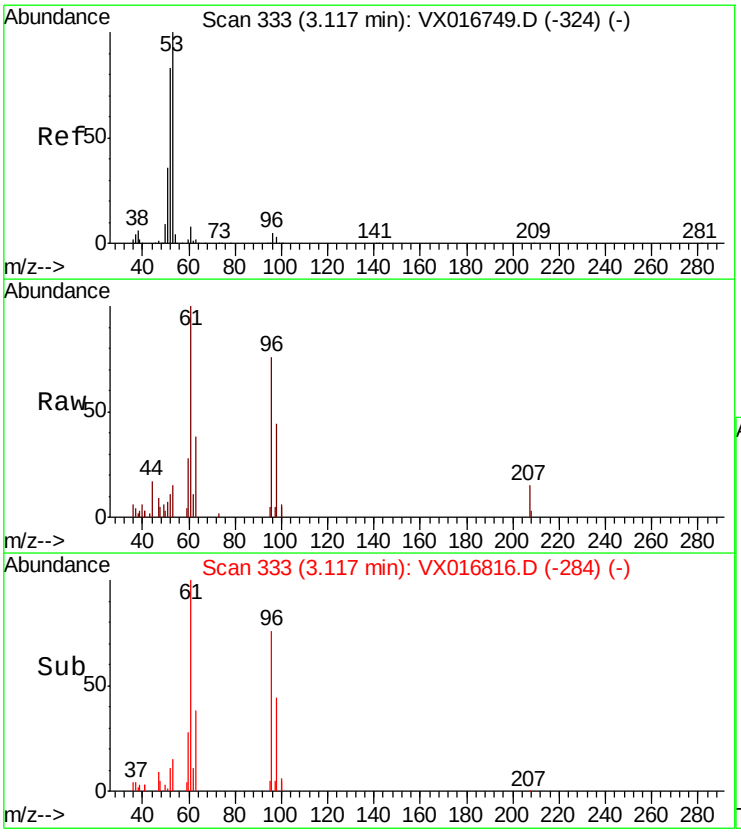
#13
Acrolein
Concen: 3.851 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 56 Resp: 549

Ion	Ratio	Lower	Upper
56	100		
55	65.4	58.2	87.4

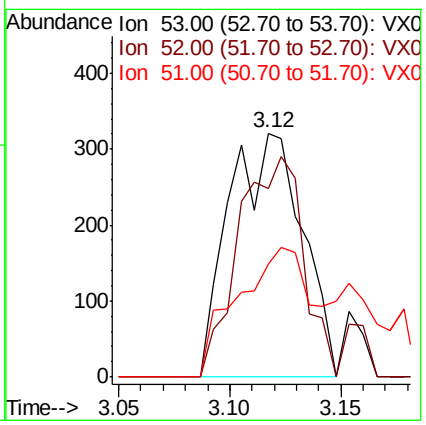


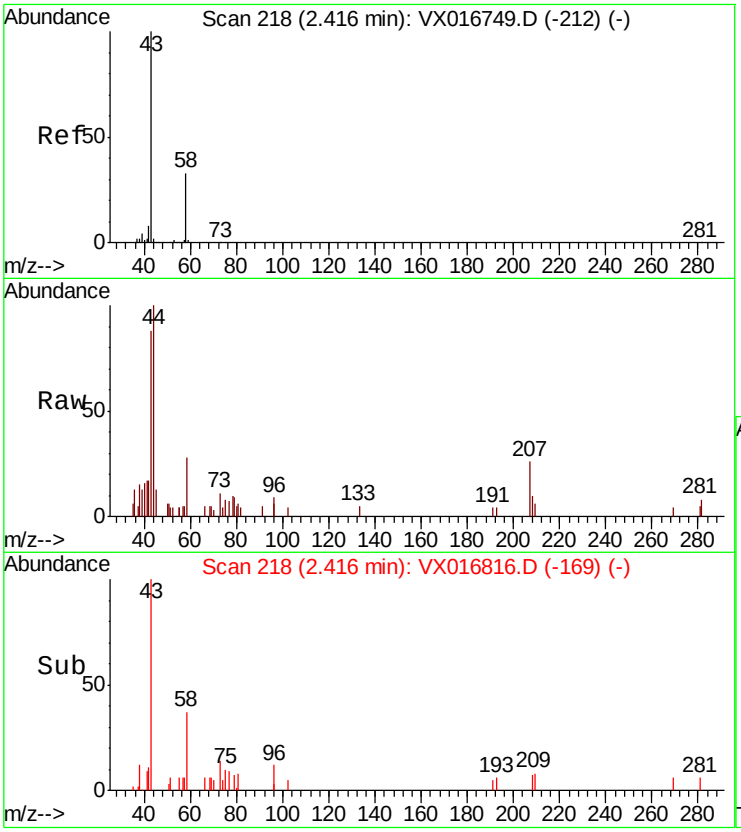


#15
Acrylonitrile
Concen: 0.438 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 53 Resp: 734

Ion	Ratio	Lower	Upper
53	100		
52	79.4	65.5	98.3
51	53.5	28.6	42.8#



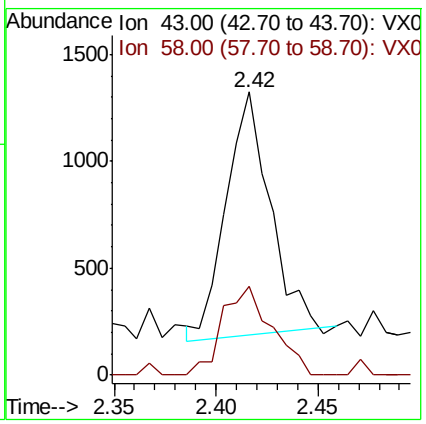


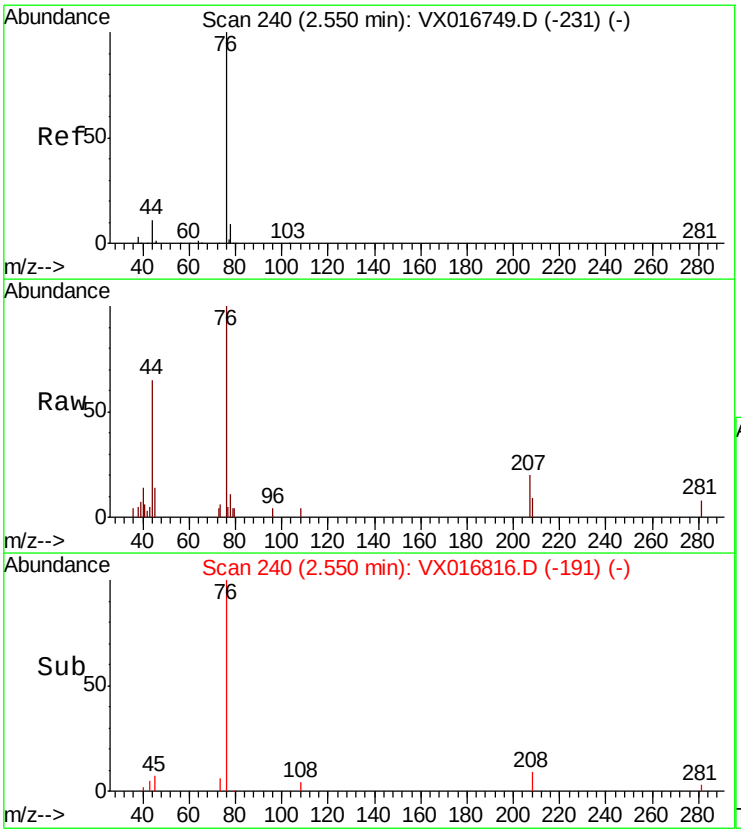
#16
Acetone
Concen: 1.143 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 43 Resp: 1706

Ion	Ratio	Lower	Upper
43	100		
58	38.0	26.3	39.5

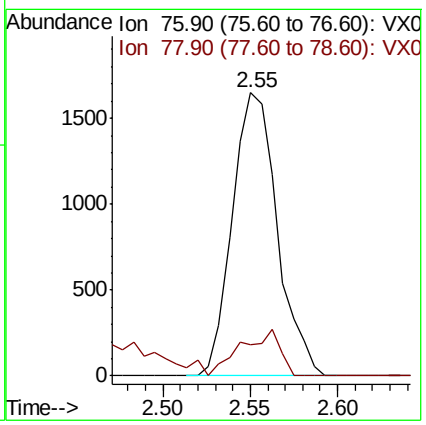


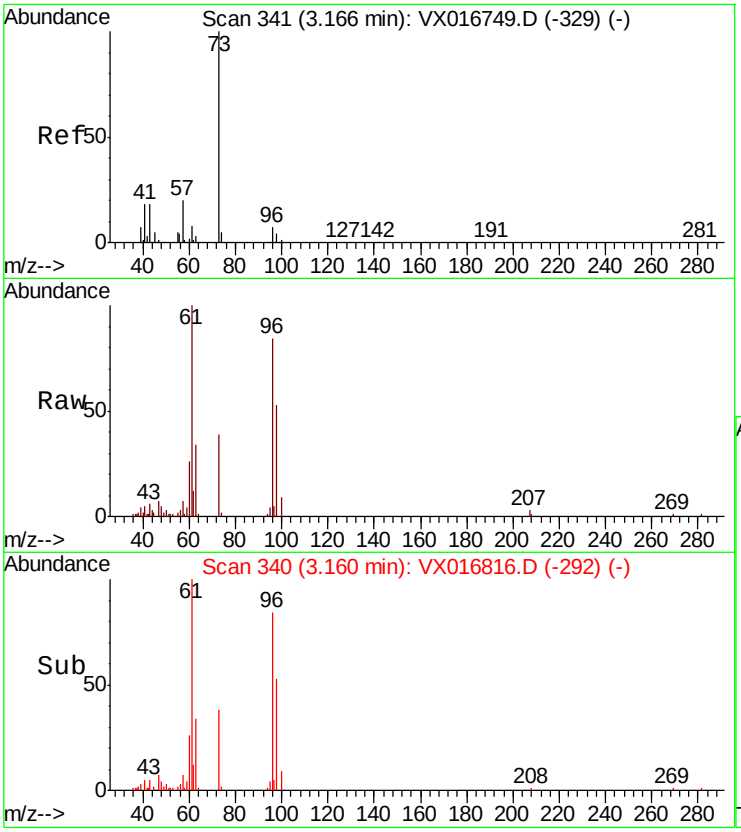


#17
Carbon Disulfide
Concen: 0.360 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 76 Resp: 2947

Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.3	10.9#



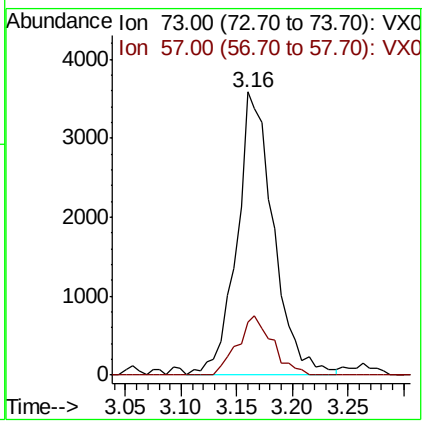


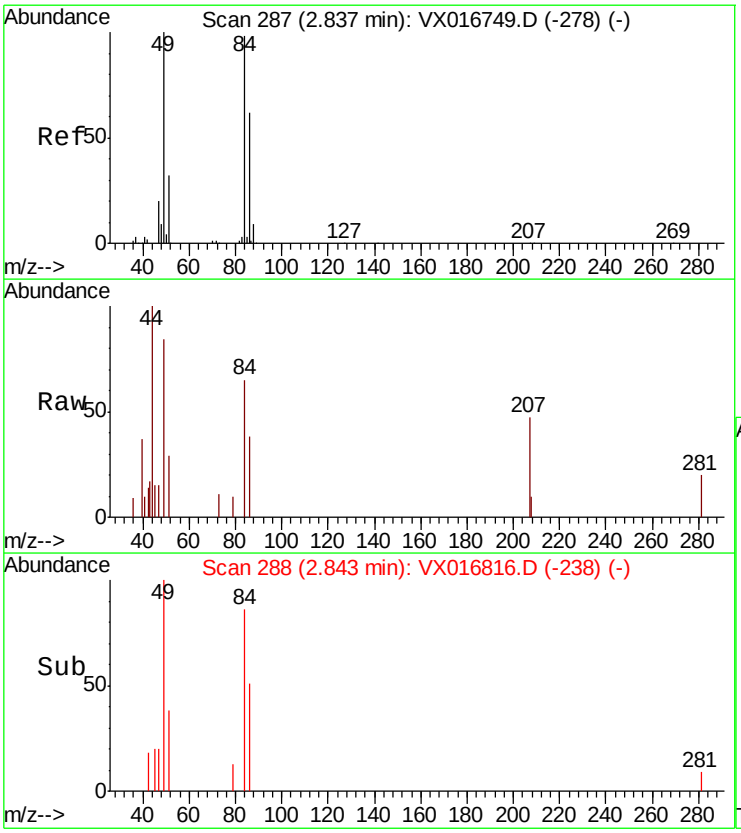
#19
Methyl tert-butyl Ether
Concen: 0.845 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 73 Resp: 8233

Ion	Ratio	Lower	Upper
73	100		
57	18.5	16.2	24.4

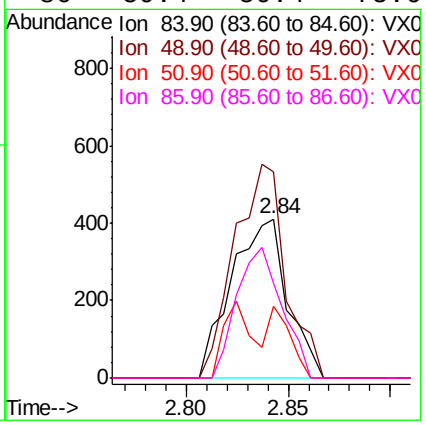


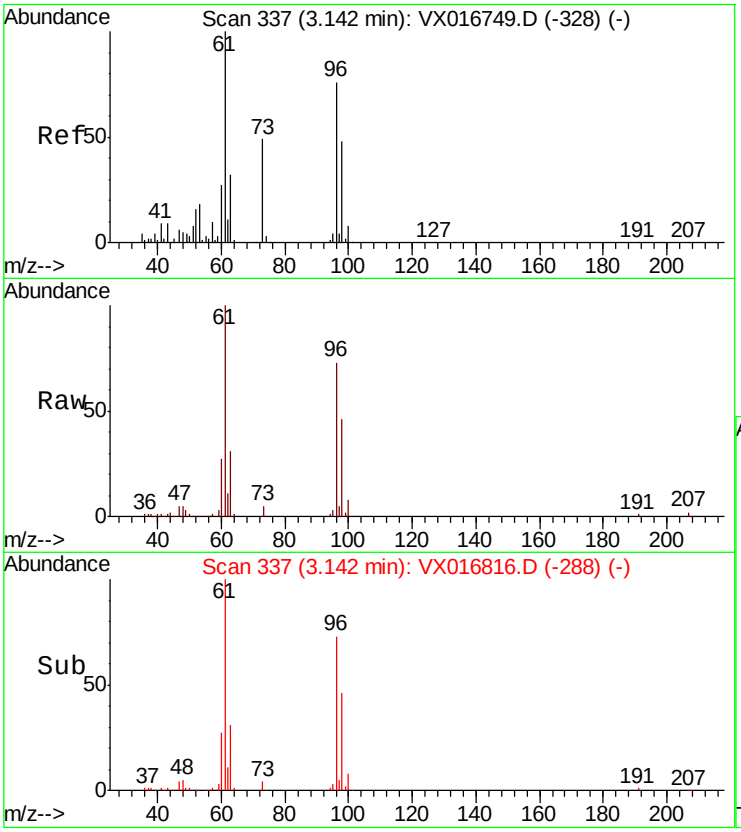


#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 84 Resp: 785

Ion	Ratio	Lower	Upper
84	100		
49	129.9	81.8	122.8#
51	44.8	25.8	38.8#
86	59.4	50.4	75.6



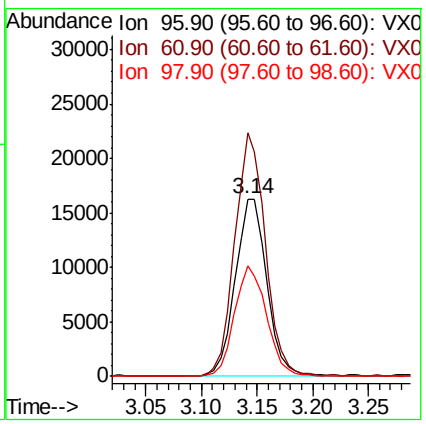


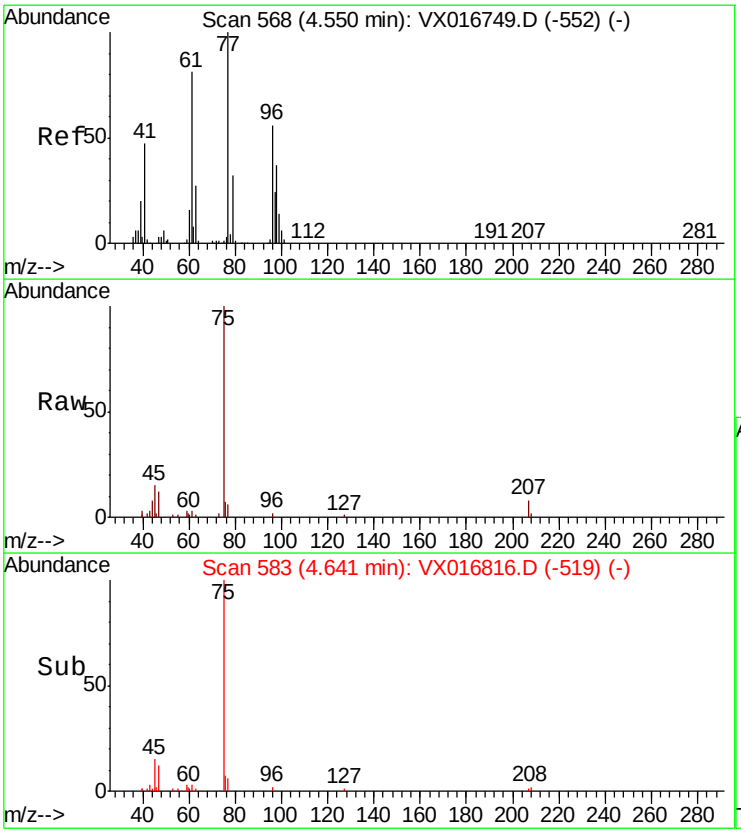
#21
trans-1,2-Dichloroethene
Concen: 10.412 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 96 Resp: 31988

Ion	Ratio	Lower	Upper
96	100		
61	137.5	105.4	158.2
98	62.6	50.8	76.2

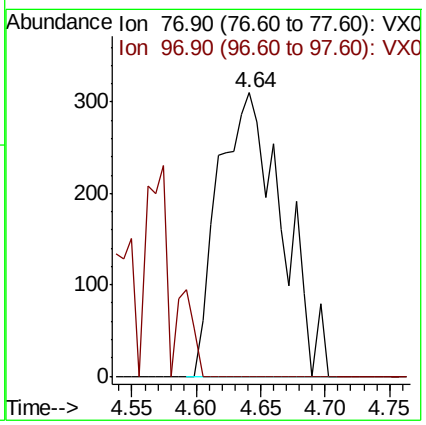


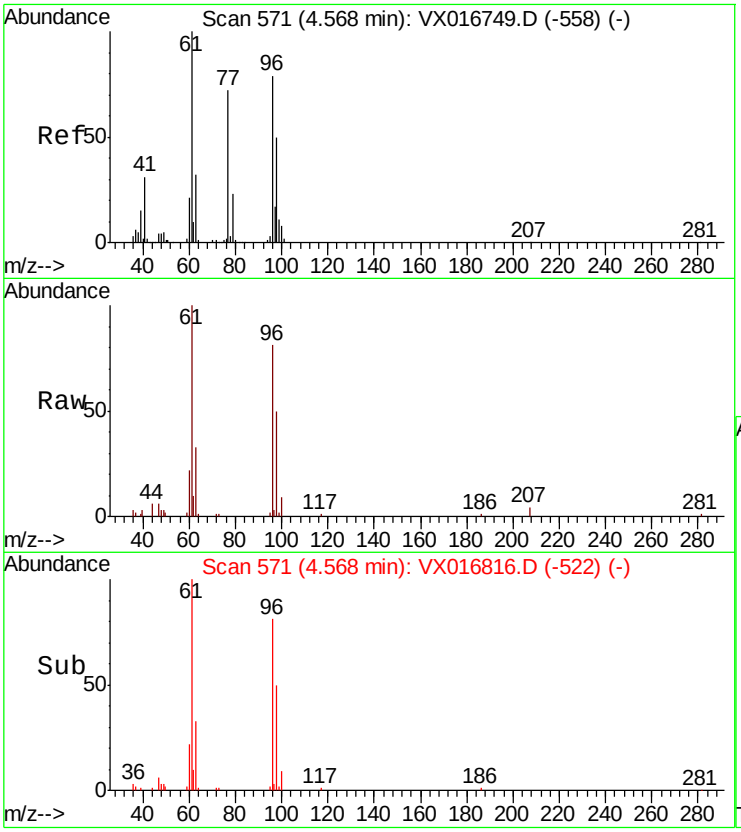


#26
2,2-Dichloropropane
Concen: 0.219 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.09 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 77 Resp: 1063

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.5	34.4#



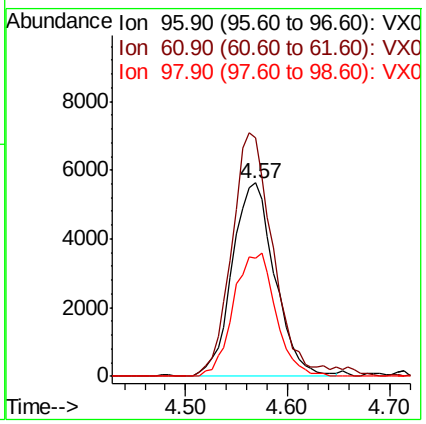


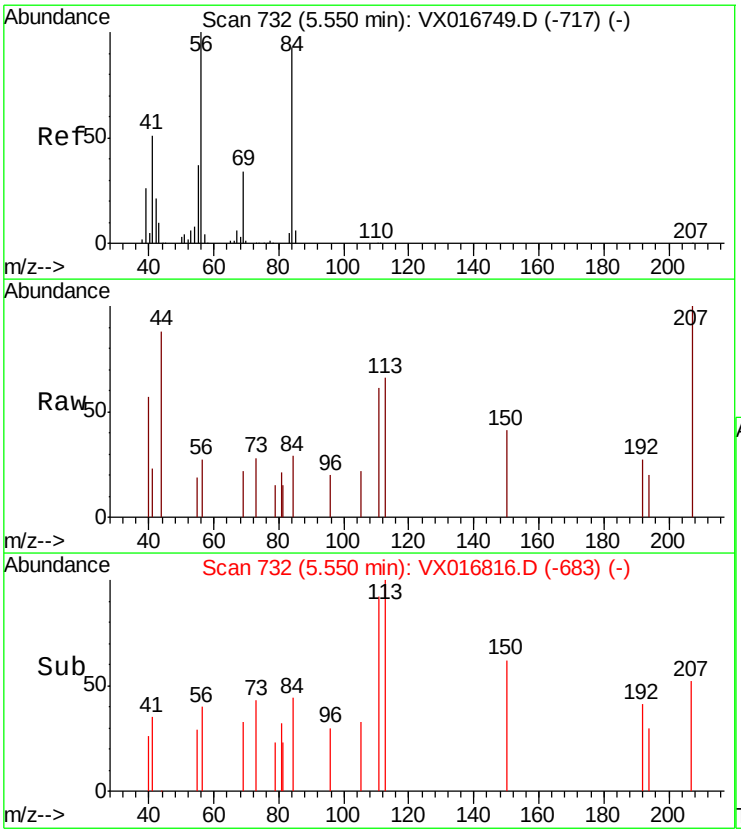
#27
cis-1,2-Dichloroethene
Concen: 4.638 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 96 Resp: 16285

Ion	Ratio	Lower	Upper
96	100		
61	121.8	0.0	276.2
98	63.1	0.0	130.0

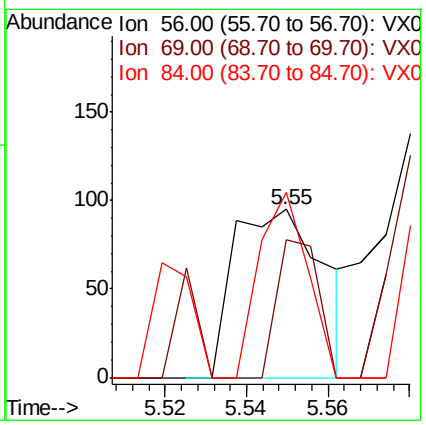


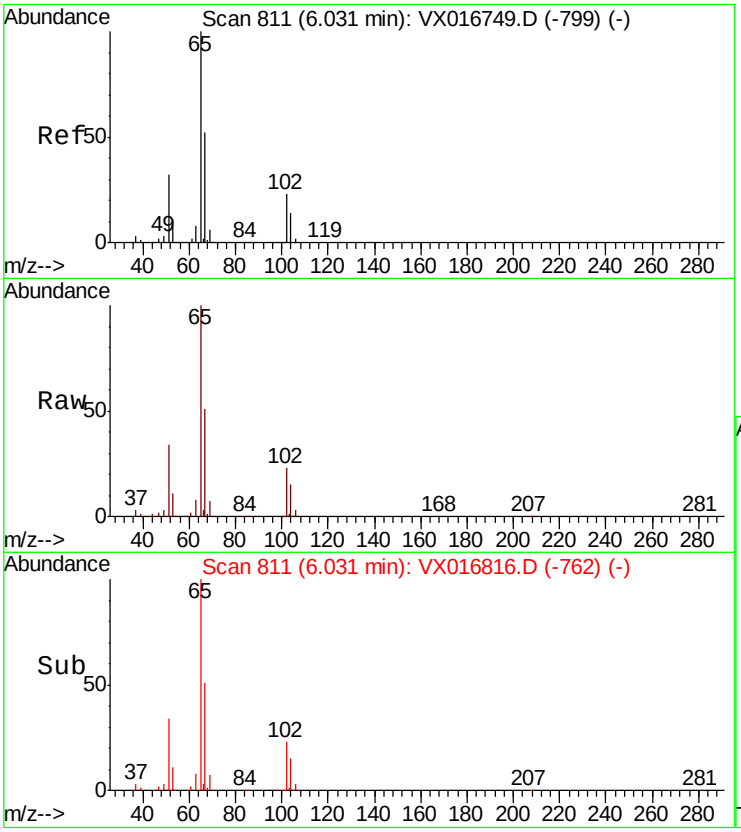


#31
Cyclohexane
Concen: 0.729 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 56 Resp: 146

Ion	Ratio	Lower	Upper
56	100		
69	82.1	27.1	40.7#
84	110.5	74.0	111.0



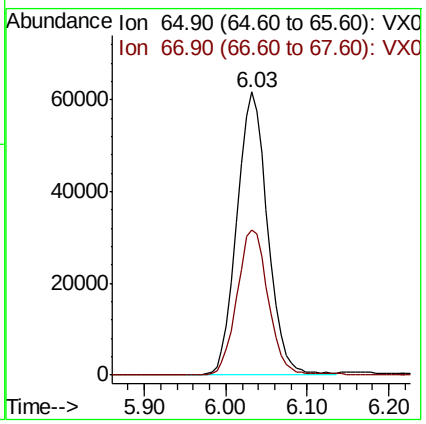


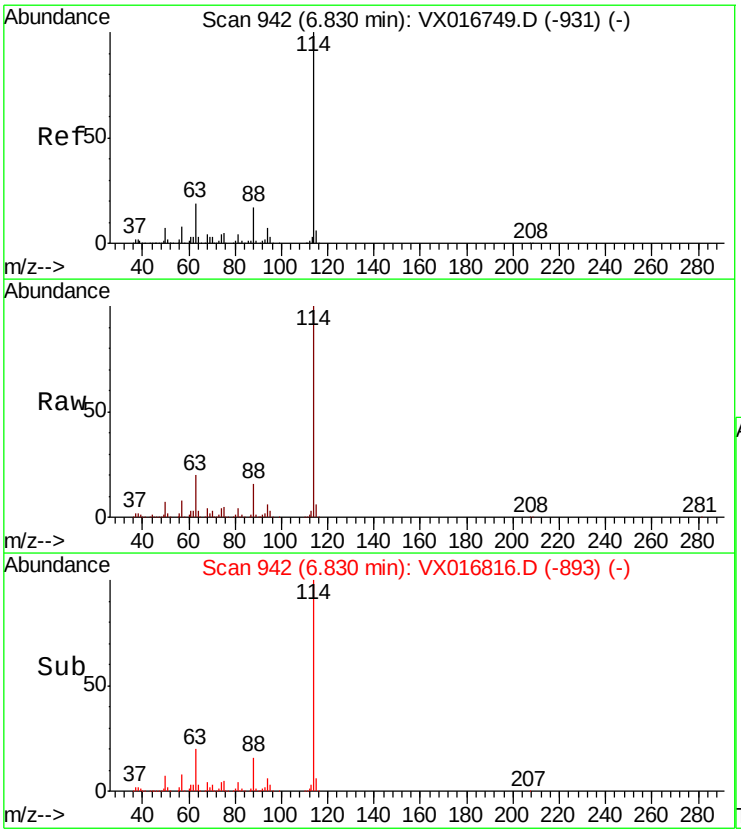
#33
1,2-Dichloroethane-d4
Concen: 48.946 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 65 Resp: 161028

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0

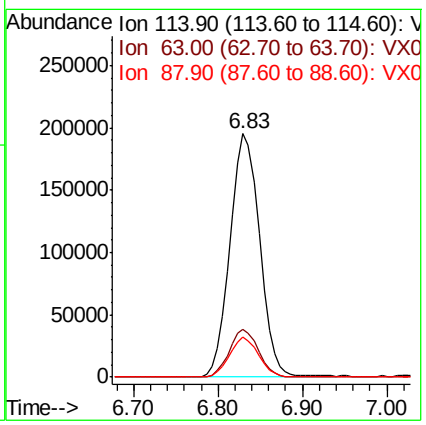


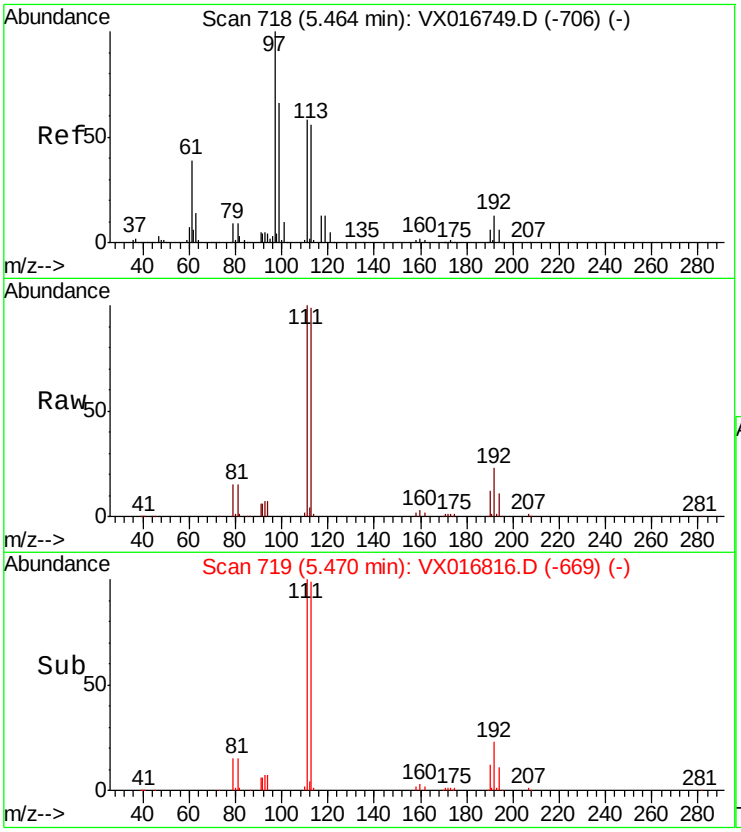


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion:114 Resp: 466490

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.8
88	16.2	0.0	33.4



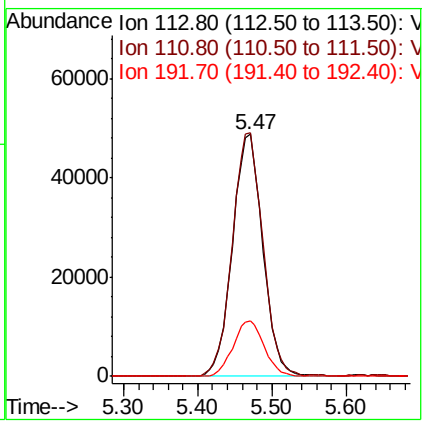


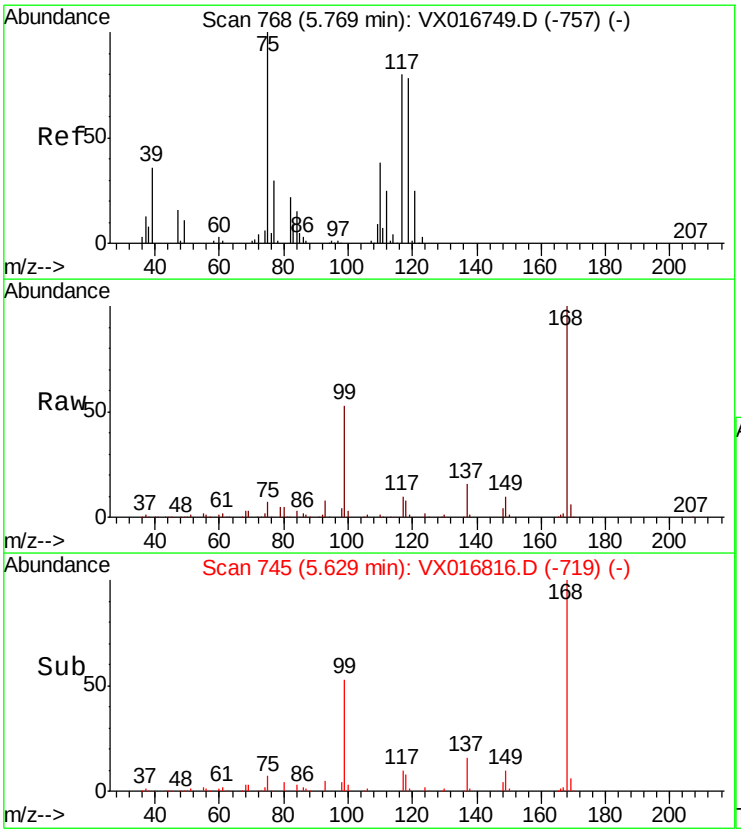
#35
Dibromofluoromethane
Concen: 48.503 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion:113 Resp: 139601

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.6
192	23.5	18.2	27.4

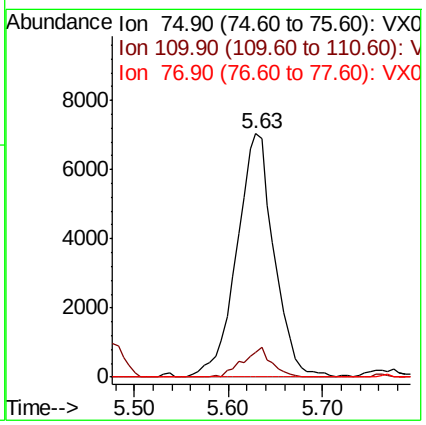


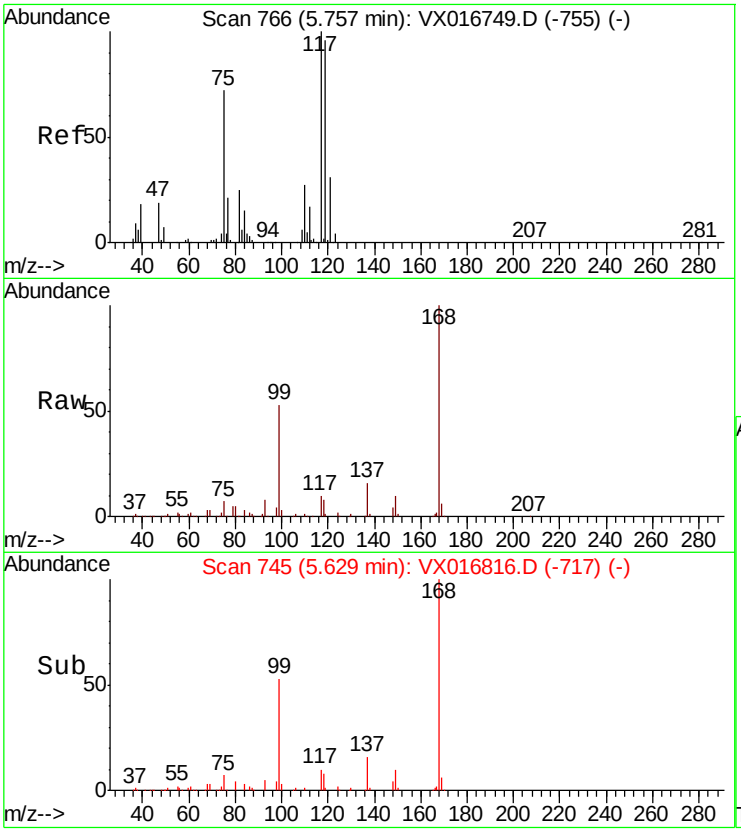


#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 75 Resp: 19494

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.4	55.2#
77	0.0	24.7	37.1#



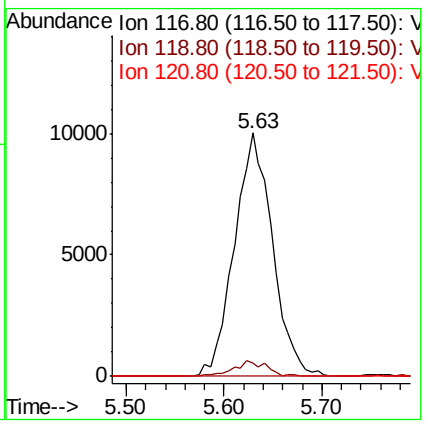


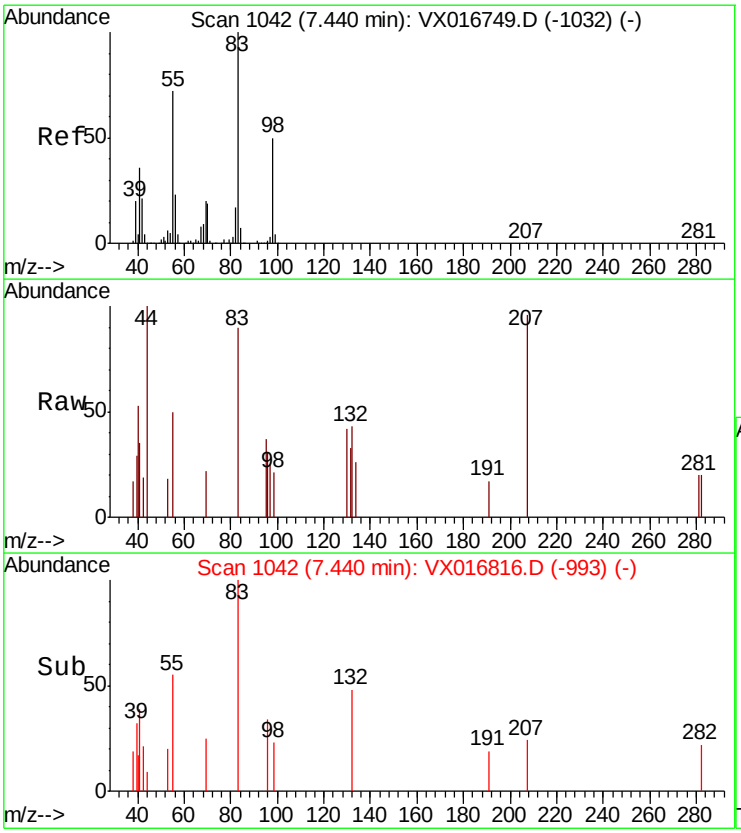
#38
Carbon Tetrachloride
Concen: 5.785 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion:117 Resp: 27087

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.7	115.1#
121	0.0	24.7	37.1#

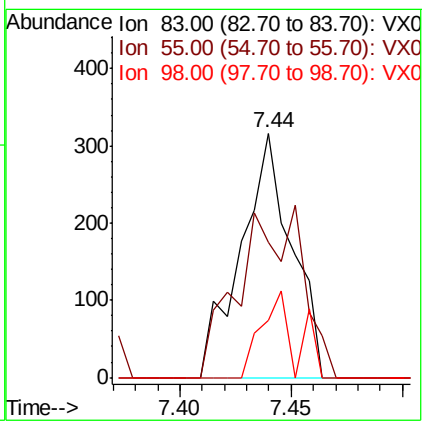


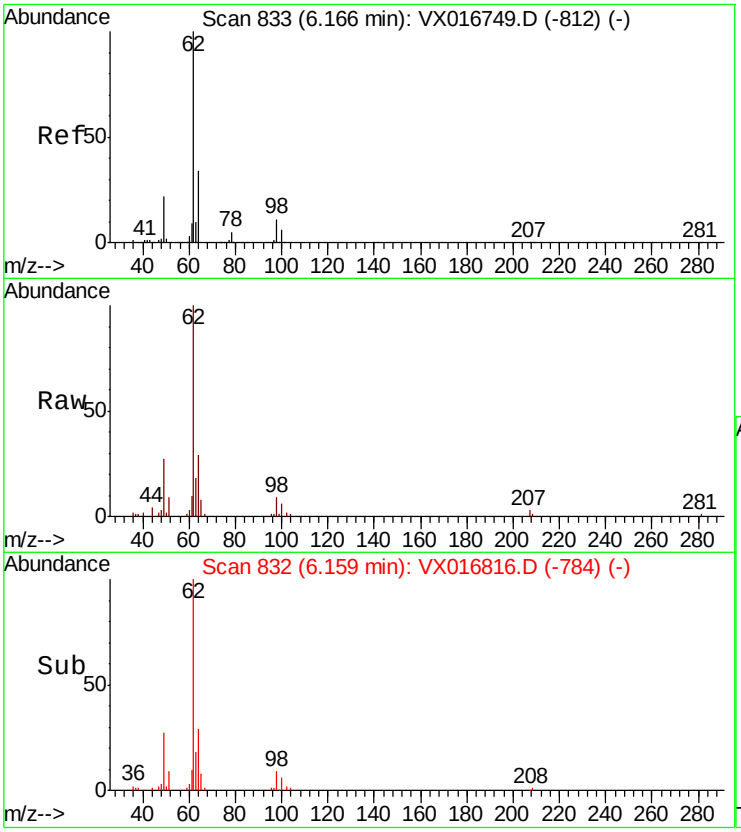


#39
Methylcyclohexane
Concen: 1.056 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 83 Resp: 502

Ion	Ratio	Lower	Upper
83	100		
55	55.4	57.3	85.9#
98	23.4	40.3	60.5#



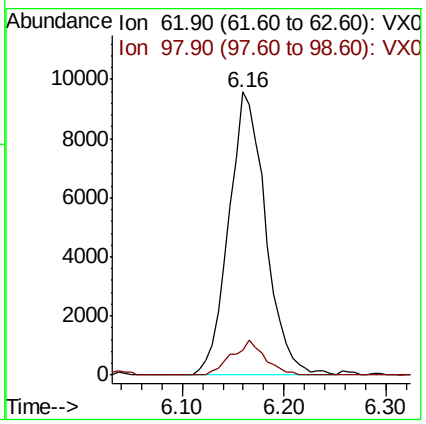


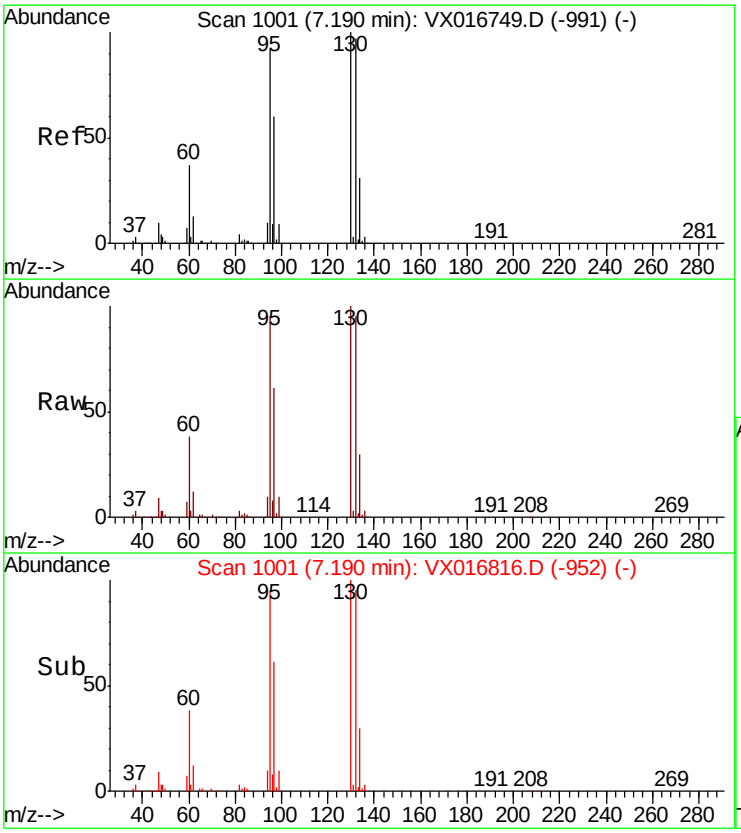
#42
1,2-Dichloroethane
Concen: 5.247 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 62 Resp: 24038

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.2

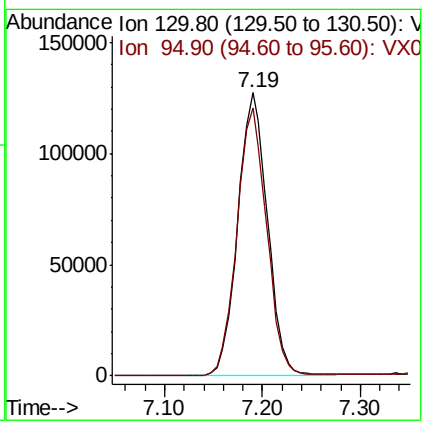


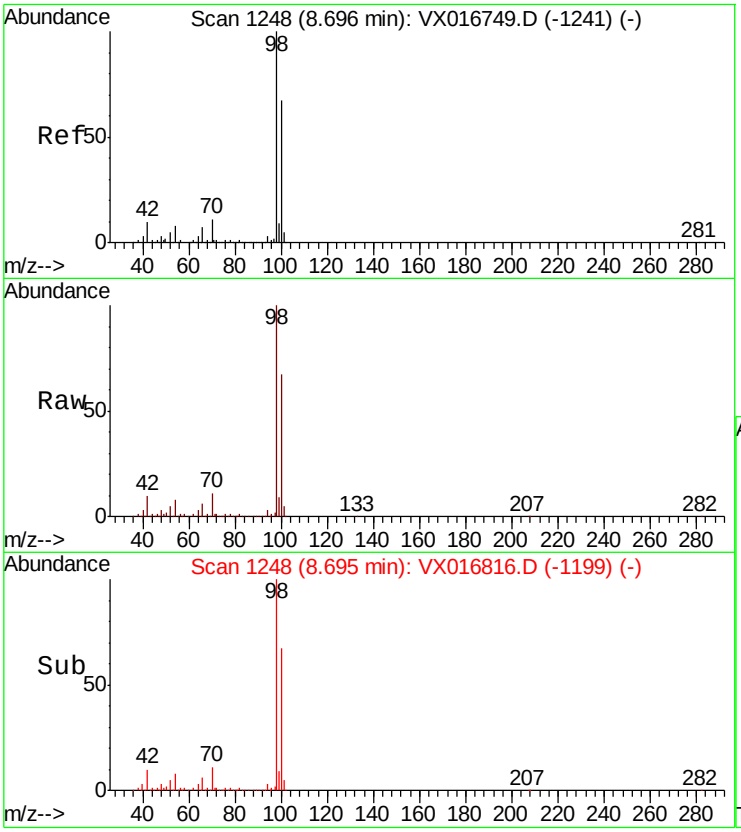


#44
Trichloroethene
Concen: 69.152 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion:130 Resp: 268485

Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	183.6



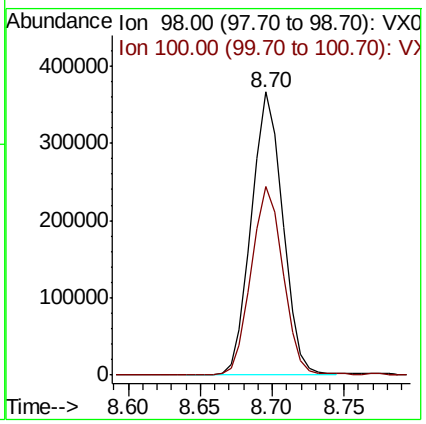


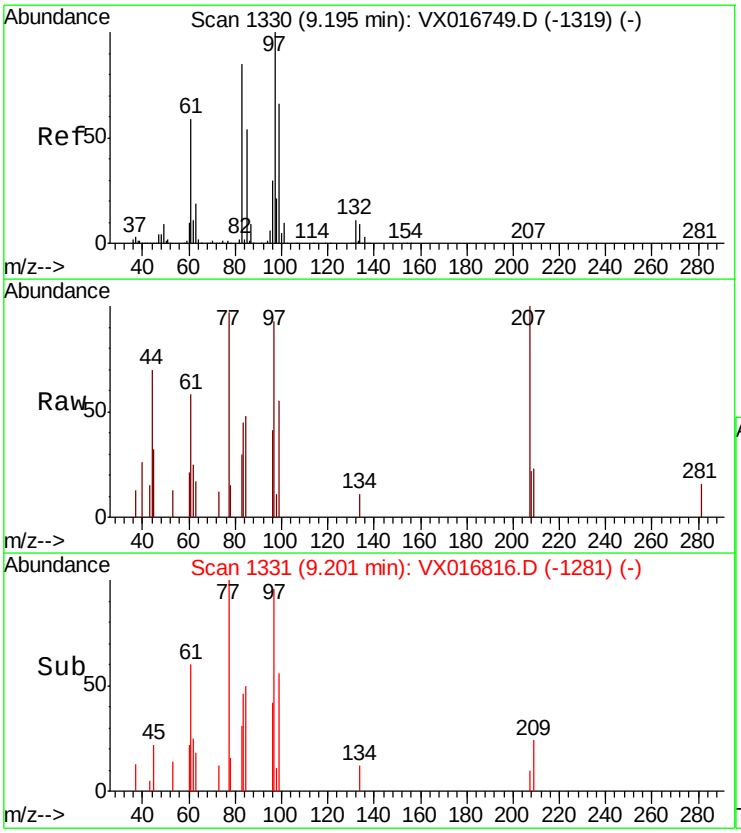
#50
Toluene-d8
Concen: 52.085 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument : MSVOA_X
ClientSampleId : SS043MW014-200610DL

Tgt Ion: 98 Resp: 552755

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.9	80.9

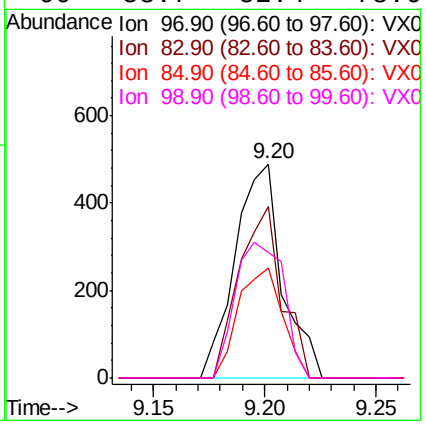


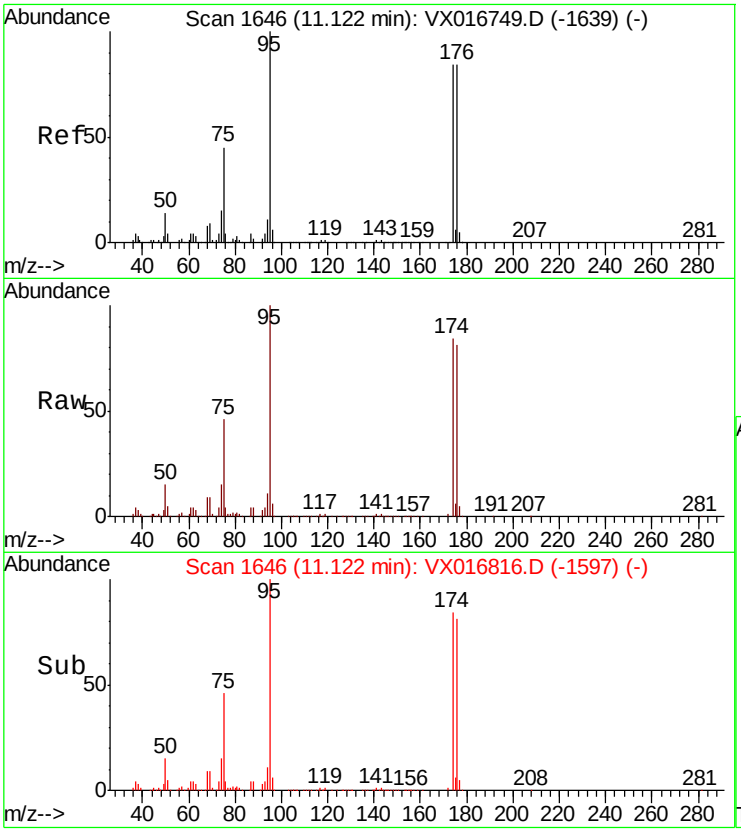


#55
1,1,2-Trichloroethane
Concen: 0.221 ug/l
RT: 9.20 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 97 Resp: 724

Ion	Ratio	Lower	Upper
97	100		
83	80.0	68.3	102.5
85	51.7	43.5	65.3
99	58.7	52.4	78.6



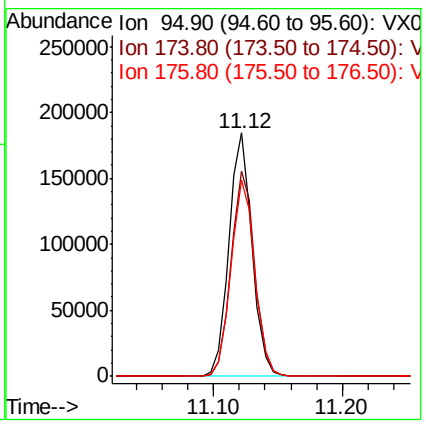


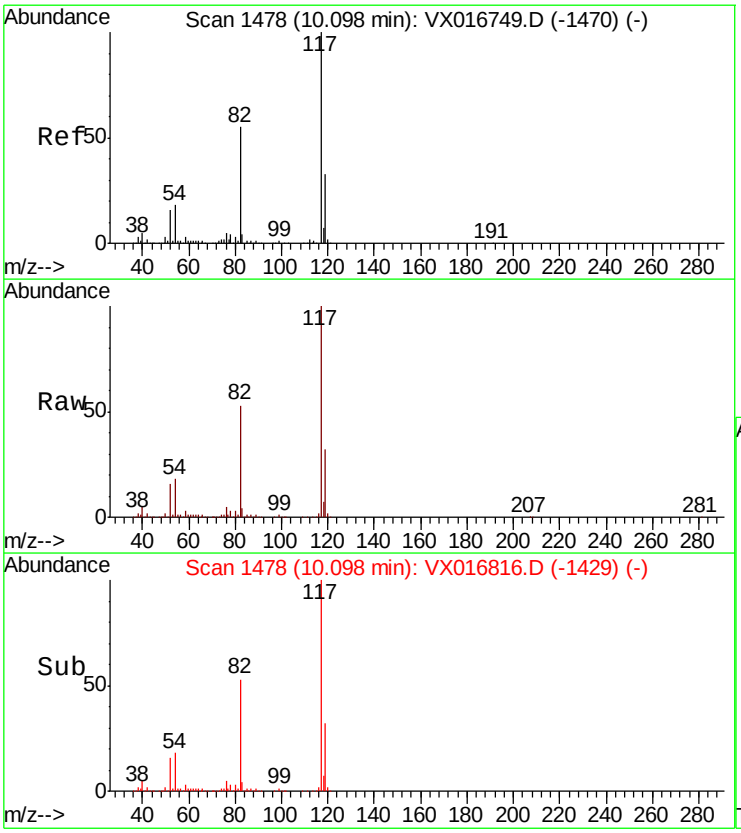
#62
4-Bromofluorobenzene
Concen: 57.213 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 95 Resp: 232246

Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	171.0
176	82.8	0.0	166.2

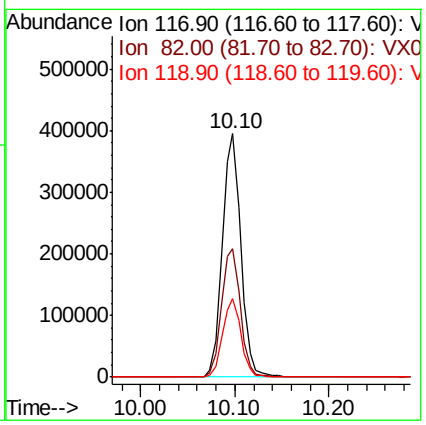


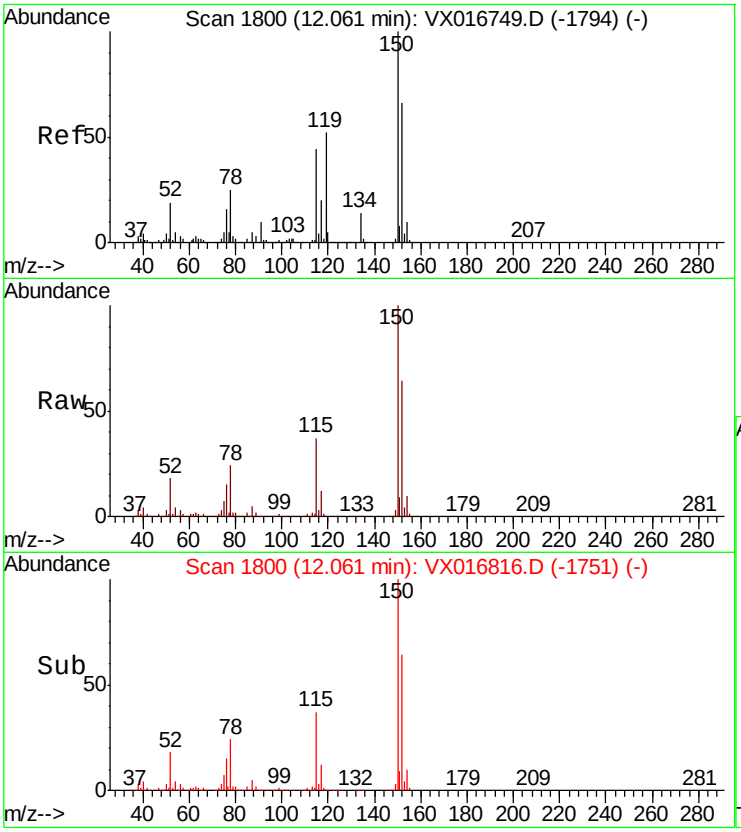


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion:117 Resp: 535194

Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.8	65.6
119	32.2	26.2	39.4



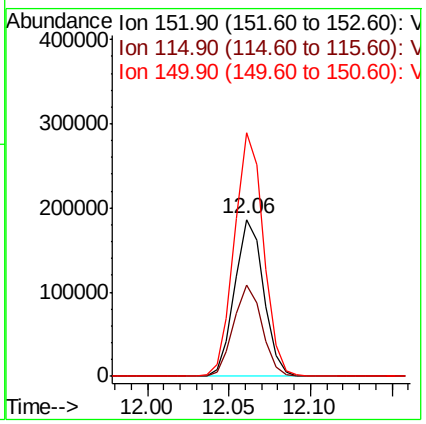


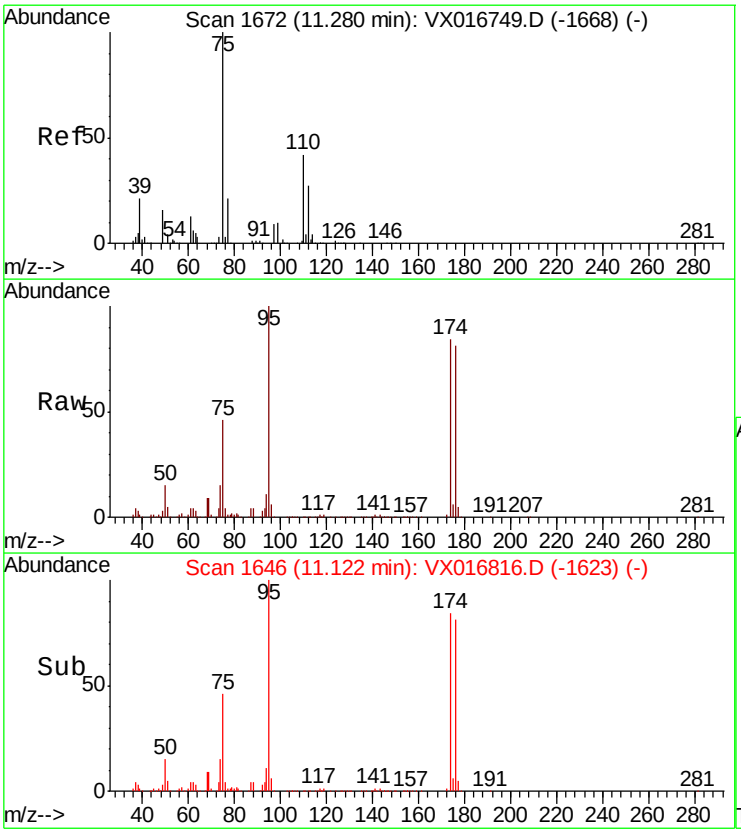
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion:152 Resp: 230461

Ion	Ratio	Lower	Upper
152	100		
115	57.3	40.3	120.8
150	156.6	0.0	337.4

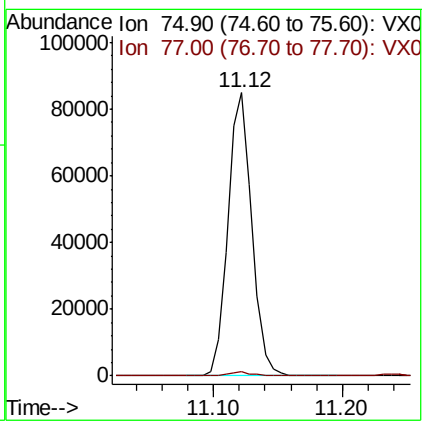


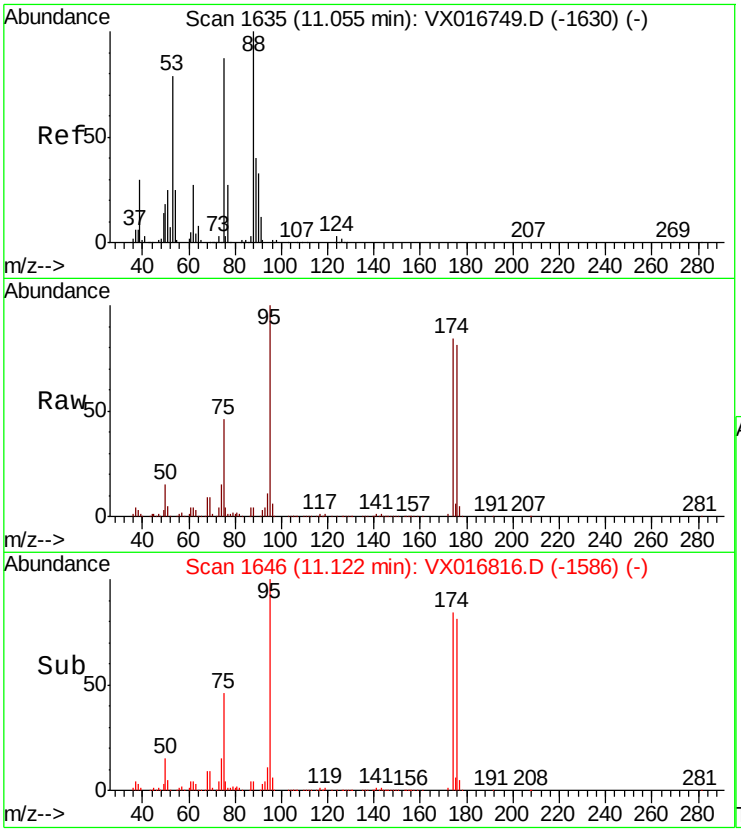


#76
1,2,3-Trichloropropane
Concen: 22.710 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 75 Resp: 110063

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.3	60.9#



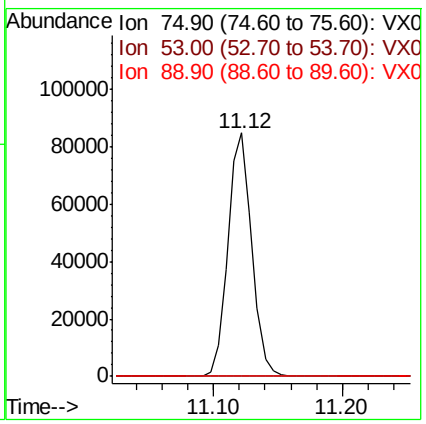


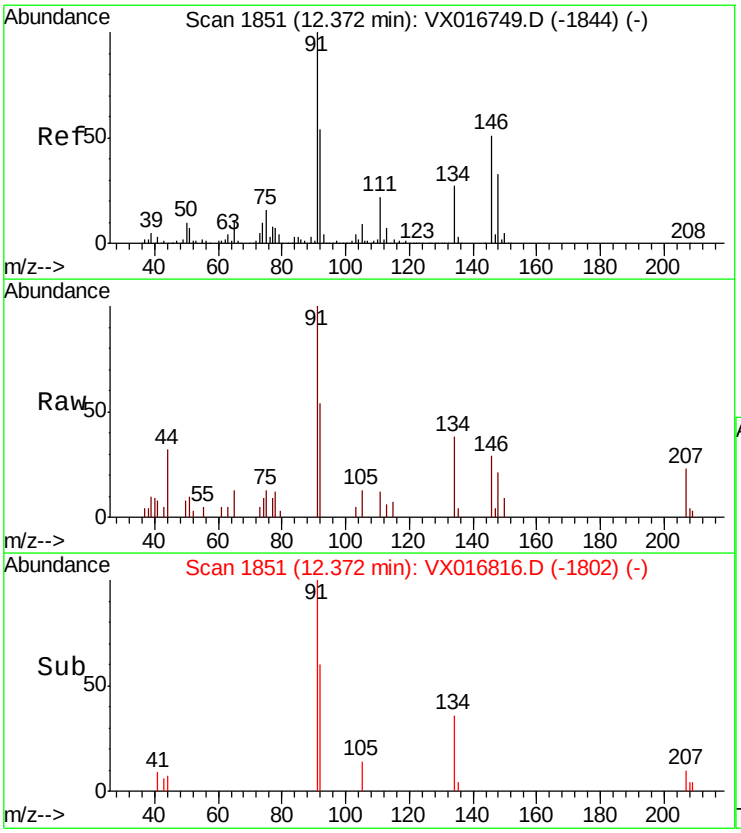
#81
trans-1,4-Dichloro-2-butene
Concen: 57.171 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion: 75 Resp: 110063

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.0#
89	0.0	39.1	58.7#

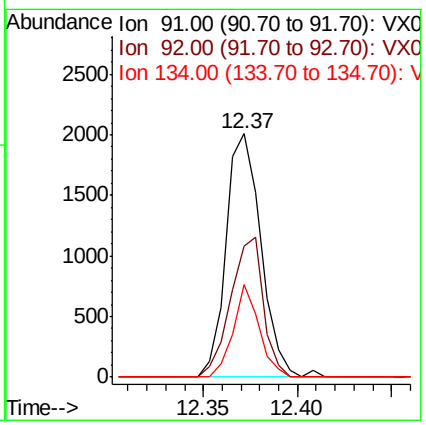


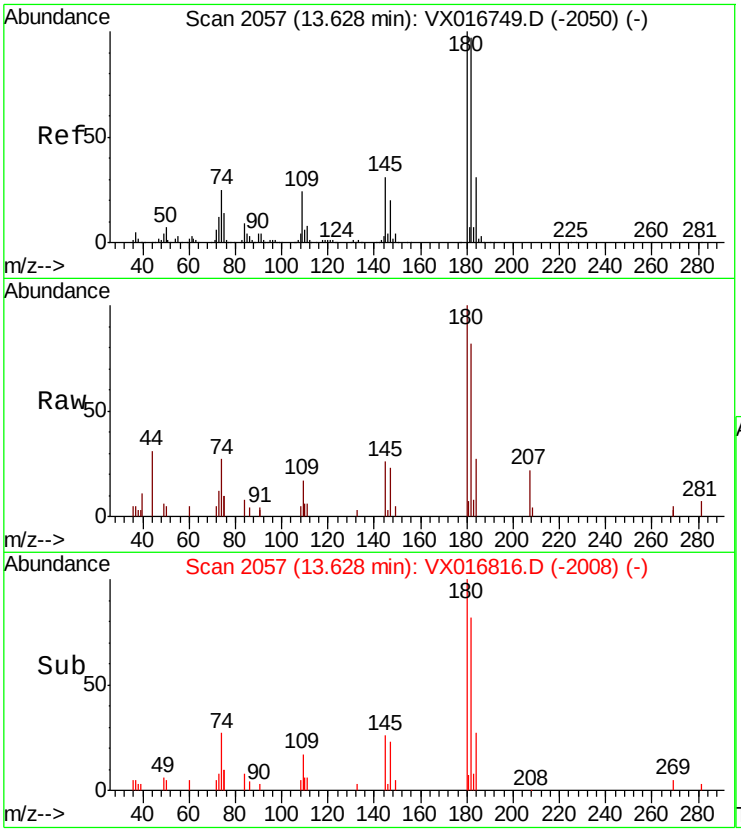


#89
n-Butylbenzene
Concen: 0.240 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion: 91 Resp: 2576

Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.0	80.8
134	28.3	13.7	41.0



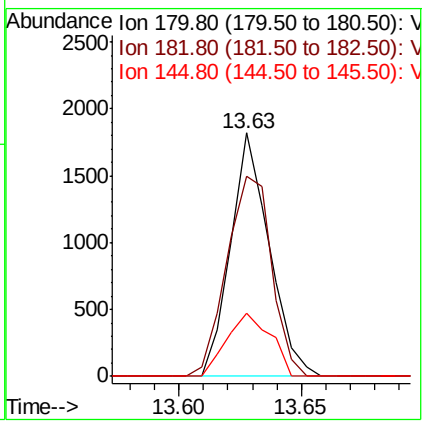


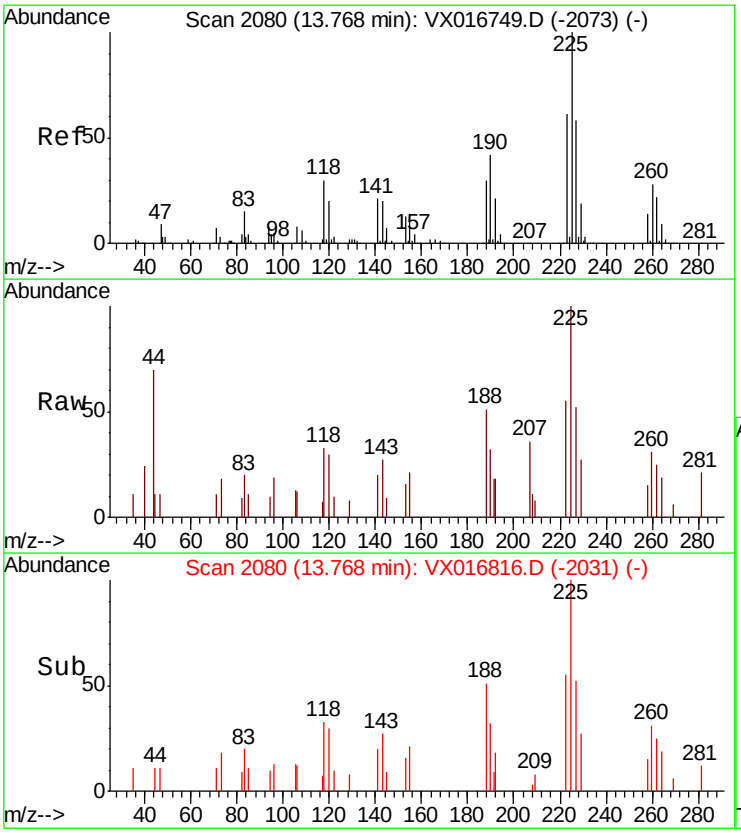
#93
1,2,4-Trichlorobenzene
Concen: 0.394 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion:180 Resp: 1991

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.6	145.8
145	29.2	15.4	46.4

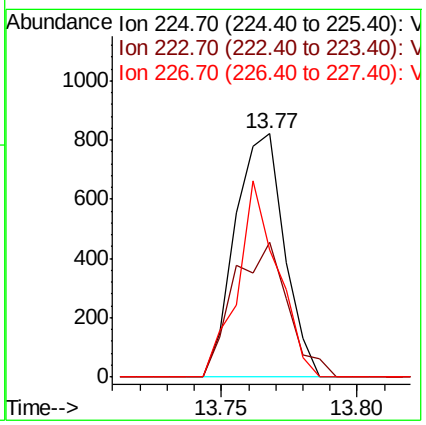


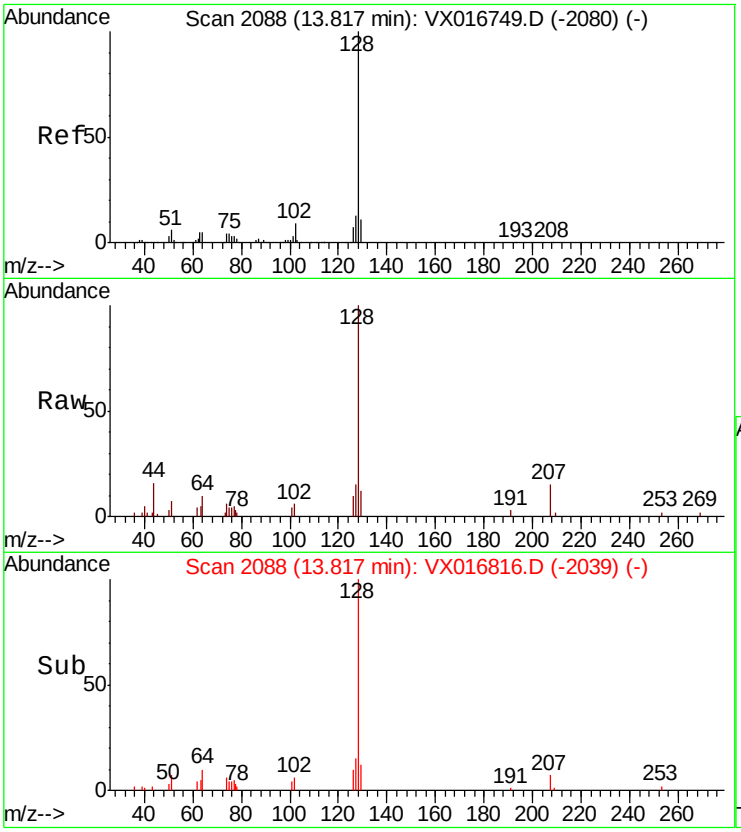


#94
Hexachlorobutadiene
Concen: 0.874 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion:225 Resp: 1033

Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.1	93.5
227	65.4	30.9	92.7



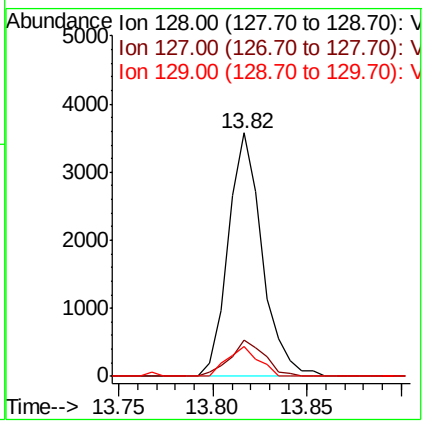


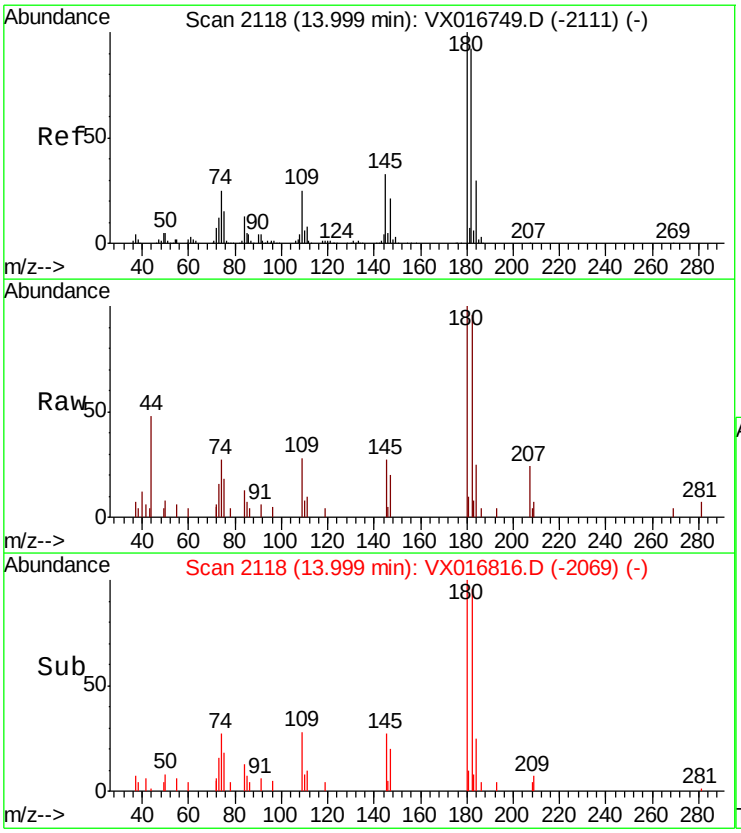
#95
Naphthalene
Concen: 0.282 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610DL

Tgt Ion:128 Resp: 4461

Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.2	15.4
129	11.2	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.404 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016816.D
Acq: 17 Jun 2020 15:07

Tgt Ion:180 Resp: 2008

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.1	141.4
145	27.0	15.9	47.7