Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016900.D
Acq On : 20 Jun 2020 02:06
Operator : JC/SP
Sample : VX0619WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0619WBL02

Quant Time: Jun 22 01:47:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.62	168	305016	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.82	114	441732	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	445601	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	279514	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	160848	43.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.70%				
35) Dibromofluoromethane	5.46	113	151493	53.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.22%				
50) Toluene-d8	8.70	98	539139	47.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.38%				
62) 4-Bromofluorobenzene	11.12	95	225829	52.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.28%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	771	0.299	ug/l	#	65
10) Methyl Iodide	2.50	142	833	0.275	ug/l		88
11) Tert butyl alcohol	3.00	59	359	0.579	ug/l	#	72
12) 1,1-Dichloroethene	2.37	96	737	0.226	ug/l	#	52
13) Acrolein	2.27	56	738	1.963	ug/l		87
15) Acrylonitrile	3.11	53	1086	0.764	ug/l		95
16) Acetone	2.41	43	981	0.737	ug/l		93
17) Carbon Disulfide	2.55	76	3505	0.416	ug/l	#	83
18) Methyl Acetate	2.74	43	781	0.231	ug/l	#	66
21) trans-1,2-Dichloroethene	3.14	96	783	0.254	ug/l		91
25) 2-Butanone	4.64	43	1109	0.605	ug/l	#	85
29) Tetrahydrofuran	5.10	42	555	0.481	ug/l	#	38
31) Cyclohexane	5.62	56	5326	1.174	ug/l	#	1
36) 1,1-Dichloropropene	5.77	75	832	0.204	ug/l	#	62
38) Carbon Tetrachloride	5.62	117	28643	6.259	ug/l	#	16
49) 1,4-Dioxane	7.73	88	26	0.392	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	8.29	63	451	0.218	ug/l		97
59) 2-Hexanone	9.47	43	589	0.215	ug/l		70
76) 1,2,3-Trichloropropane	11.12	75	107072	20.975	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.12	75	107072	51.364	ug/l	#	14
89) n-Butylbenzene	12.37	91	2841	0.203	ug/l		93
93) 1,2,4-Trichlorobenzene	13.63	180	1536	0.264	ug/l		98
94) Hexachlorobutadiene	13.77	225	1601	0.610	ug/l		97
95) Naphthalene	13.82	128	3811	0.223	ug/l	#	94
96) 1,2,3-Trichlorobenzene	14.01	180	1342	0.232	ug/l		92

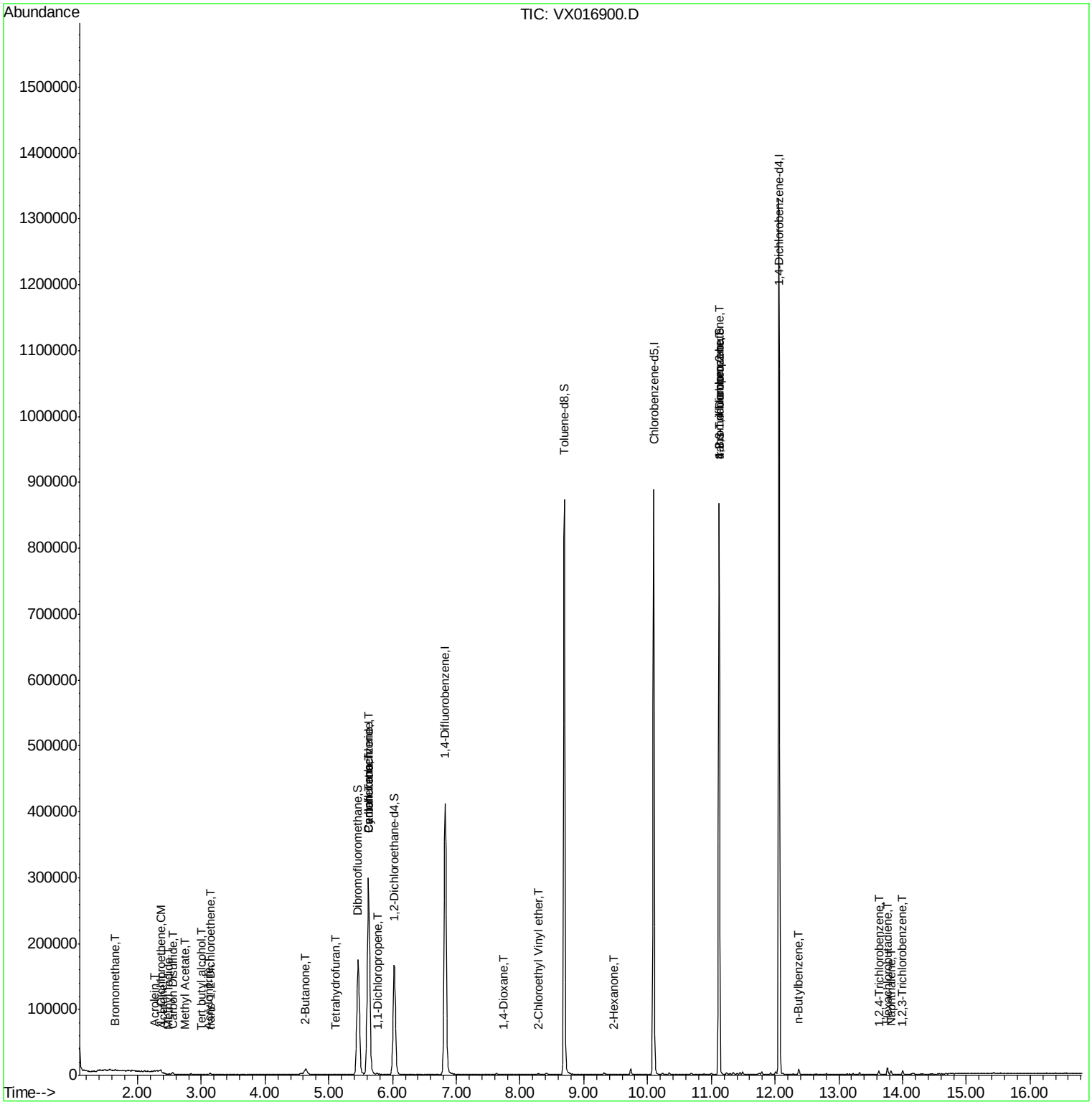
(#) = qualifier out of range (m) = manual integration (+) = signals summed

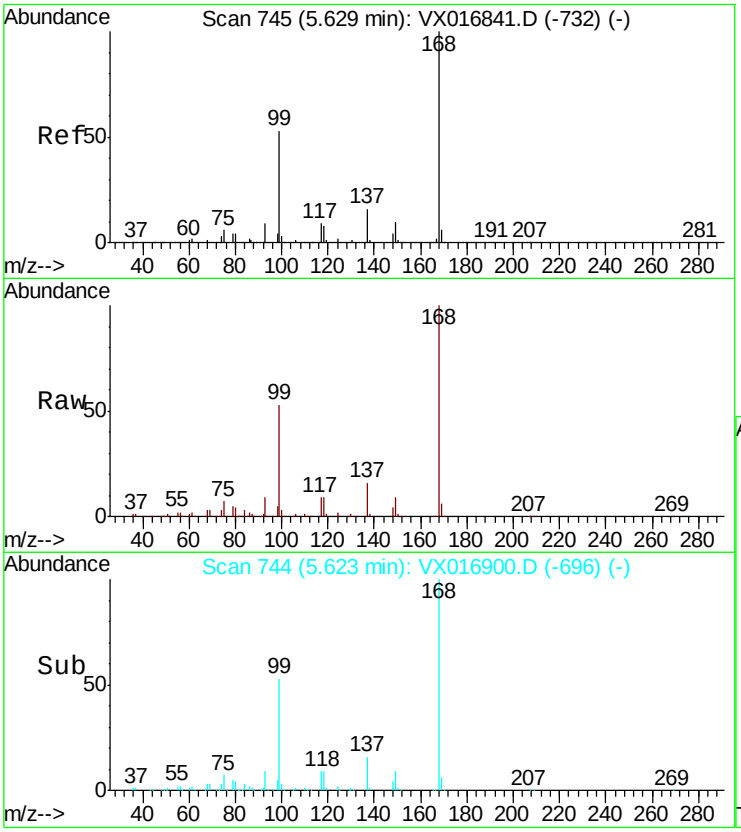
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016900.D
Acq On : 20 Jun 2020 02:06
Operator : JC/SP
Sample : VX0619WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL02

Quant Time: Jun 22 01:47:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration



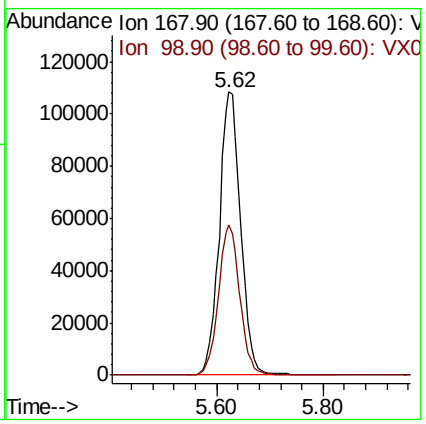


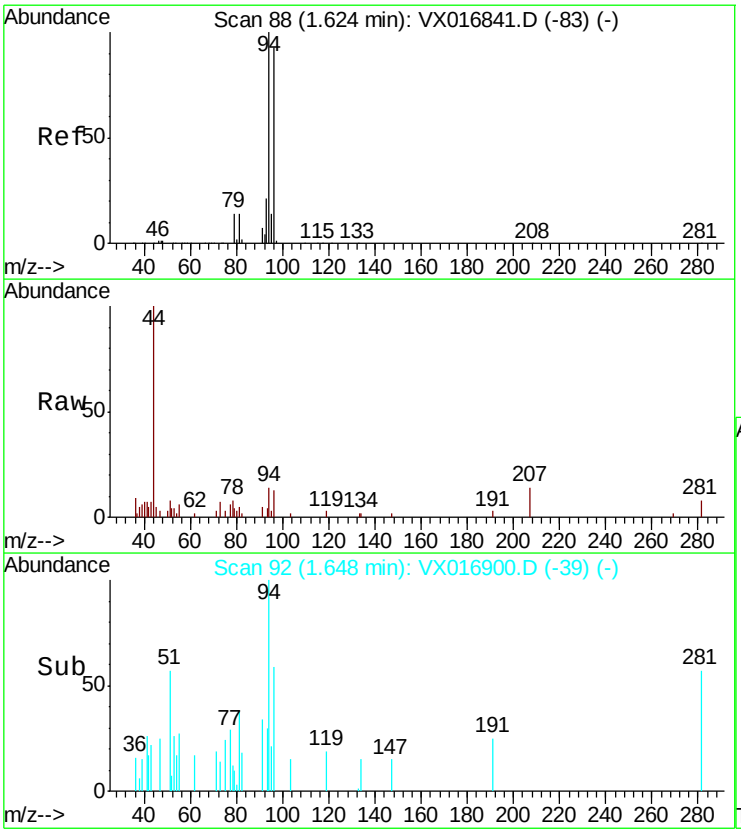
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL02

Tgt Ion:168 Resp: 305016

Ion	Ratio	Lower	Upper
168	100		
99	53.0	42.2	63.2

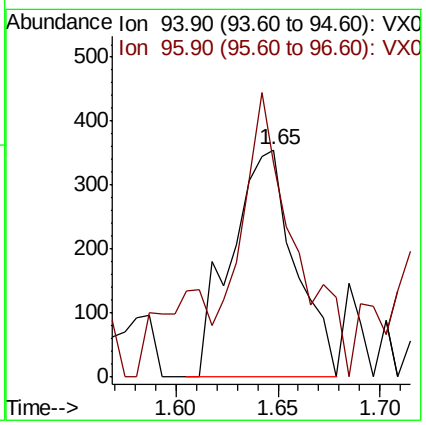


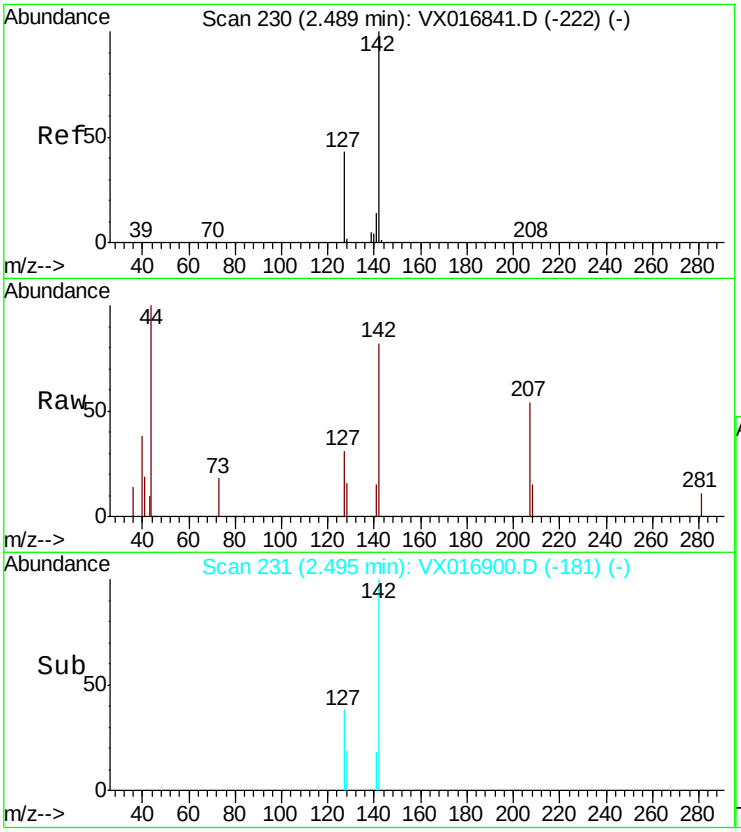


#5
Bromomethane
Concen: 0.299 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 94 Resp: 771

Ion	Ratio	Lower	Upper
94	100		
96	59.4	74.4	111.6#



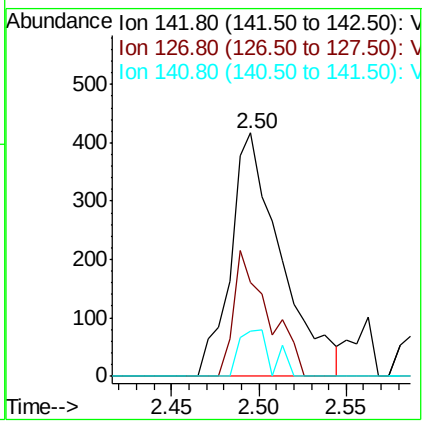


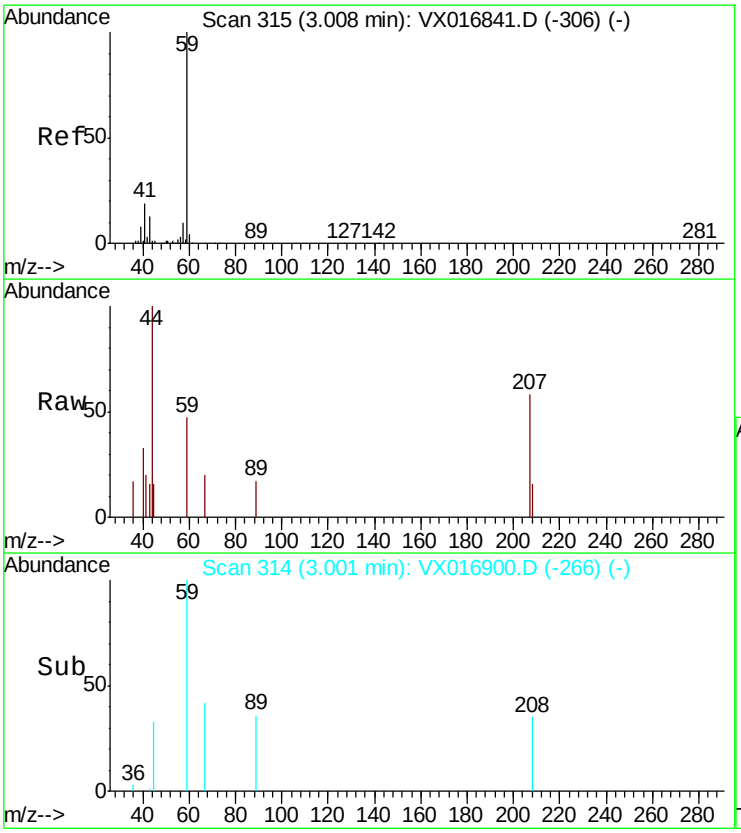
#10
Methyl Iodide
Concen: 0.275 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument : MSVOA_X
ClientSampleId : VX0619WBL02

Tgt Ion:142 Resp: 833

Ion	Ratio	Lower	Upper
142	100		
127	35.3	35.1	52.7
141	12.0	11.6	17.4

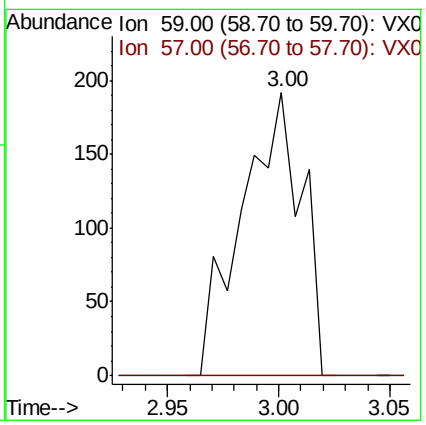


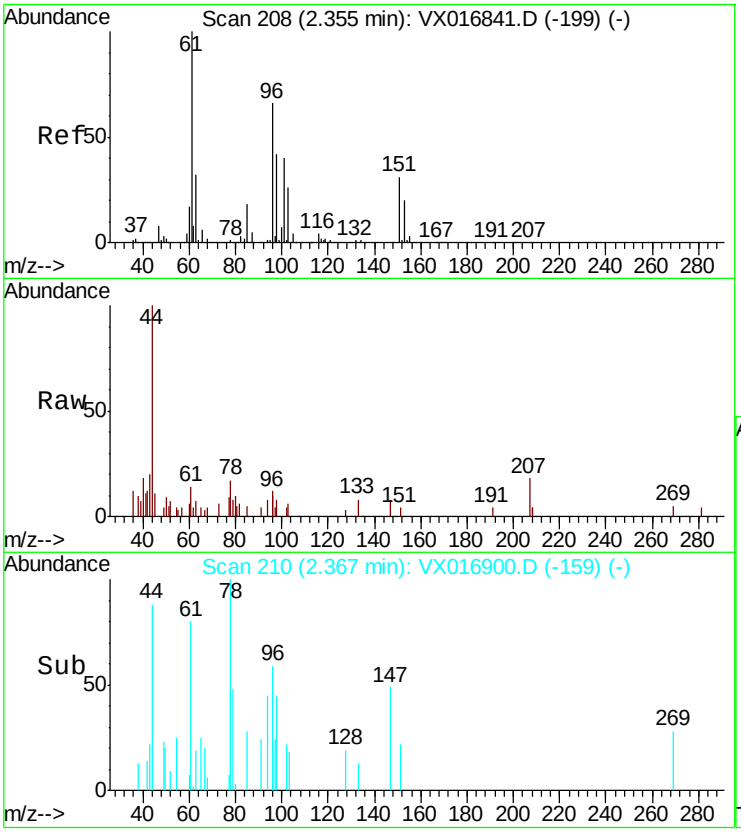


#11
Tert butyl alcohol
Concen: 0.579 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 59 Resp: 359

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



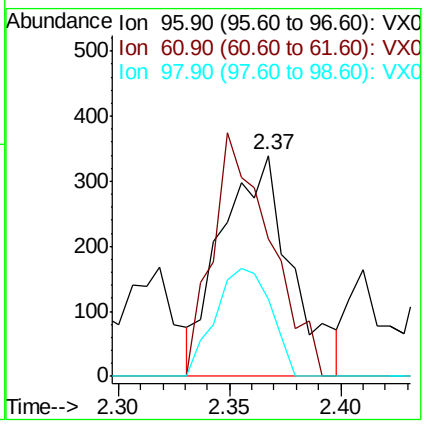


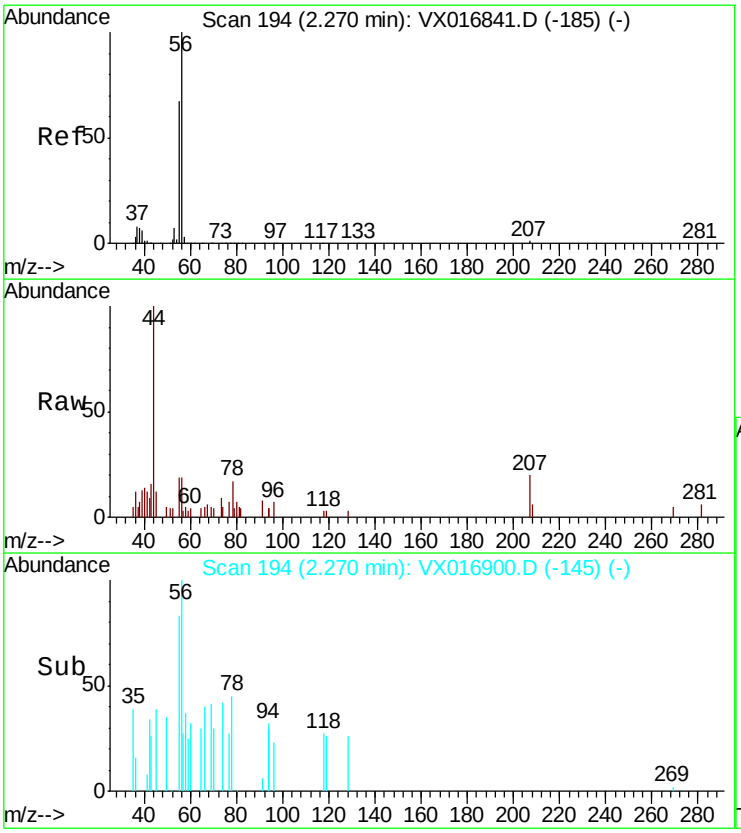
#12
1,1-Dichloroethene
Concen: 0.226 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument : MSVOA_X
ClientSampleId : VX0619WBL02

Tgt Ion: 96 Resp: 737

Ion	Ratio	Lower	Upper
96	100		
61	79.1	121.7	182.5#
98	44.4	51.1	76.7#

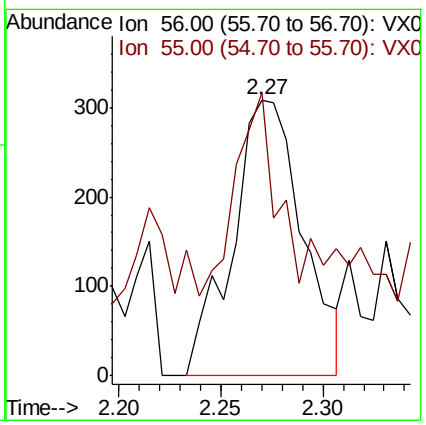


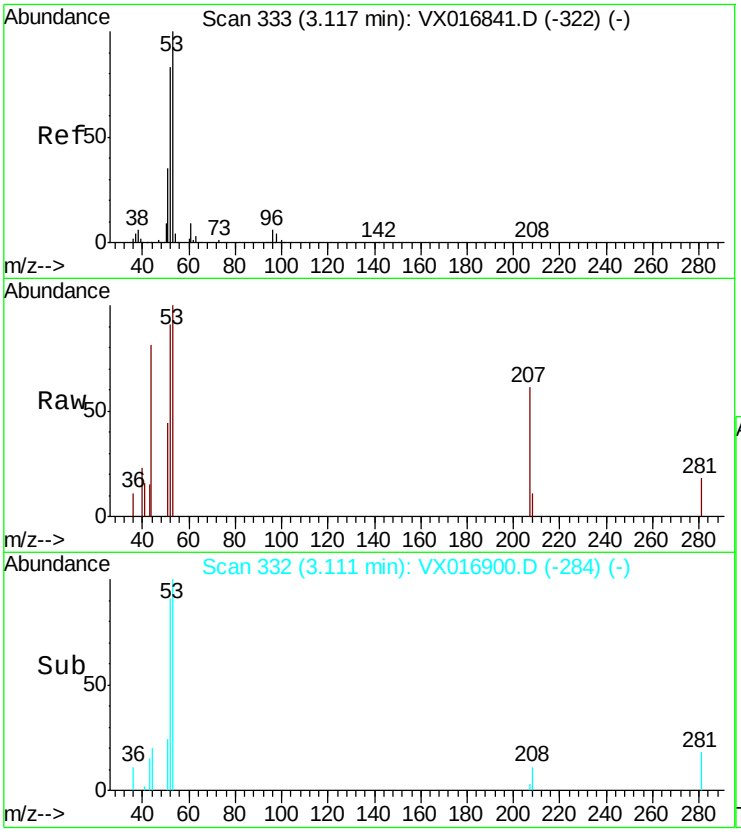


#13
Acrolein
Concen: 1.963 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 56 Resp: 738

Ion	Ratio	Lower	Upper
56	100		
55	80.1	55.7	83.5



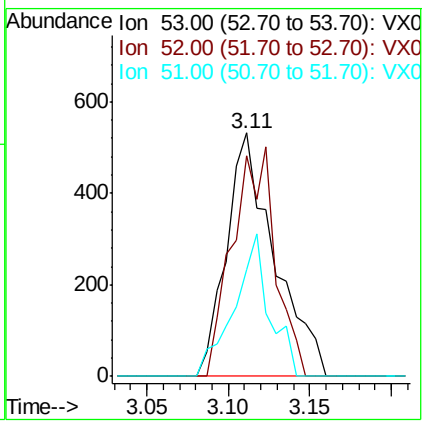


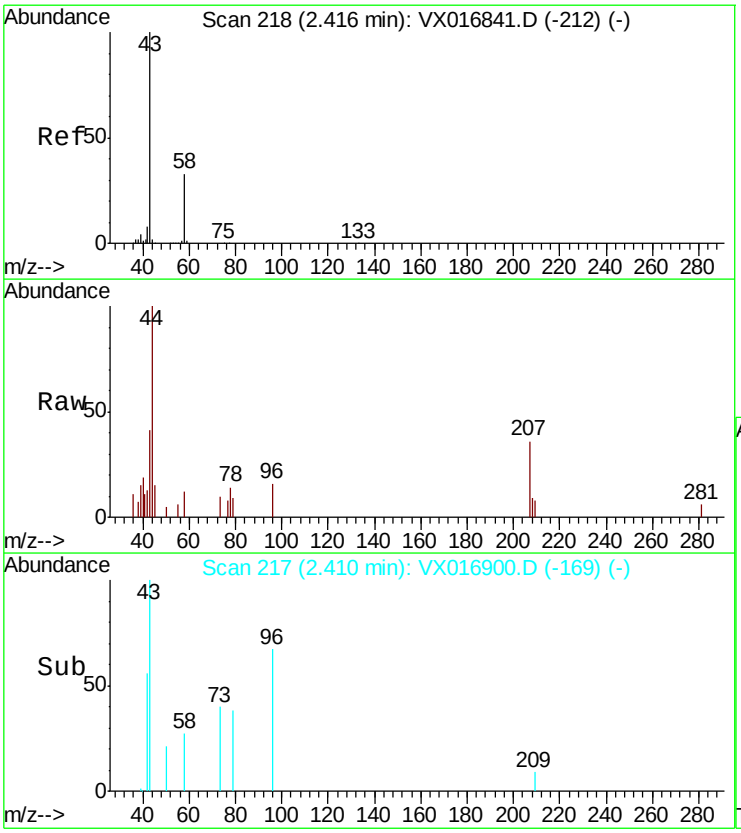
#15
Acrylonitrile
Concen: 0.764 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument : MSVOA_X
ClientSampleId : VX0619WBL02

Tgt Ion: 53 Resp: 1086

Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.2	99.2
51	43.0	28.7	43.1

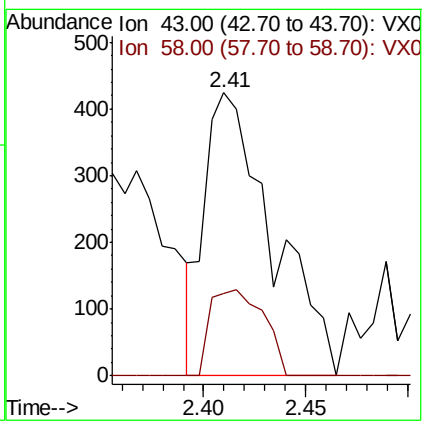


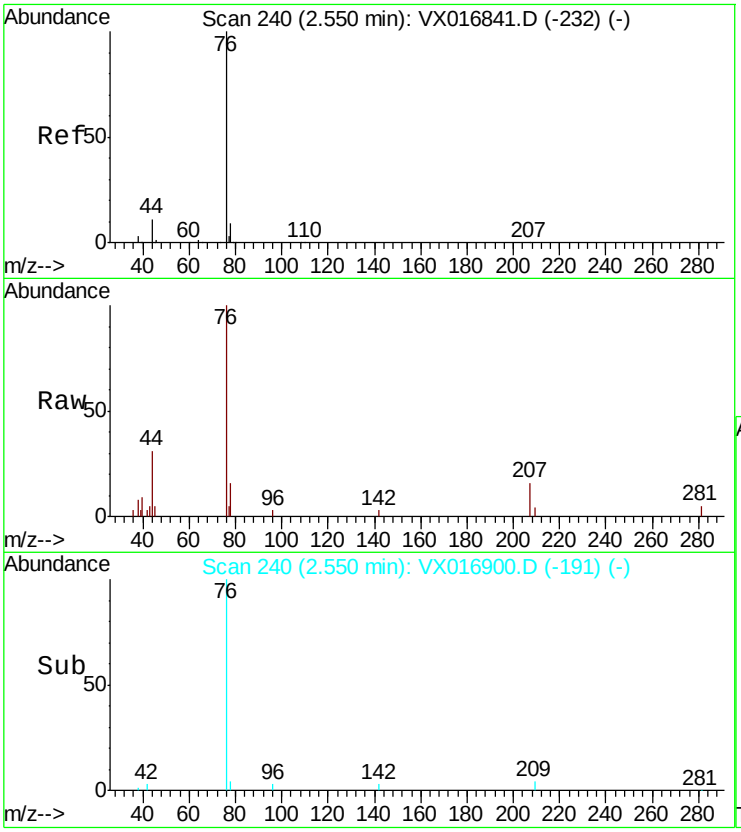


#16
Acetone
Concen: 0.737 ug/l
RT: 2.41 min Scan# 217
Delta R.T. -0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 43 Resp: 981

Ion	Ratio	Lower	Upper
43	100		
58	29.2	26.6	39.8



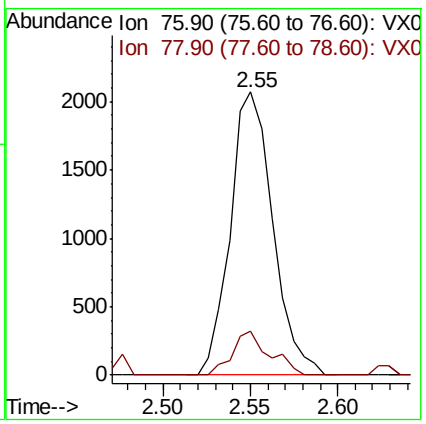


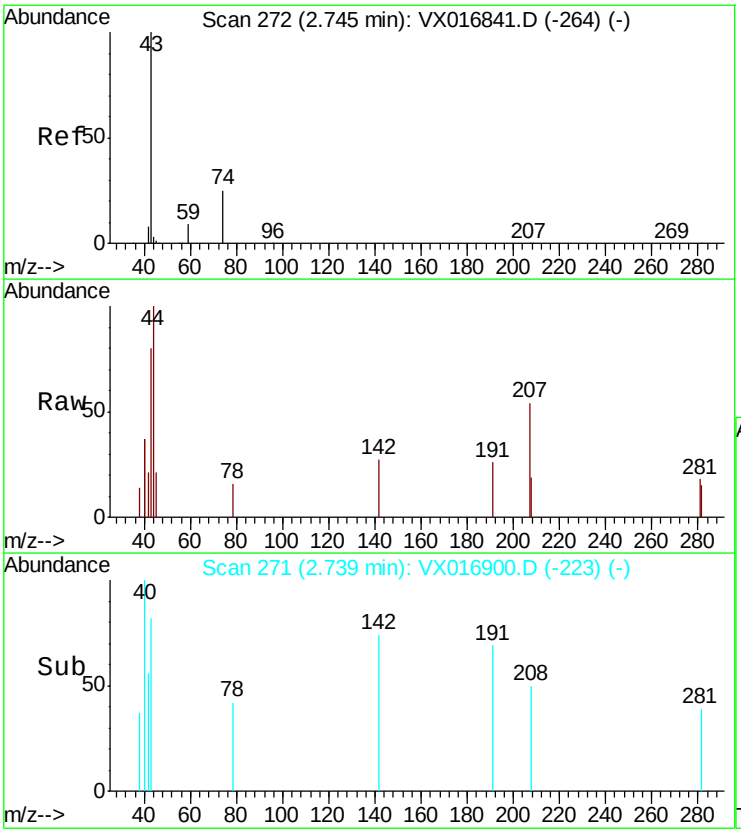
#17
Carbon Disulfide
Concen: 0.416 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL02

Tgt Ion: 76 Resp: 3505

Ion	Ratio	Lower	Upper
76	100		
78	15.5	7.5	11.3#

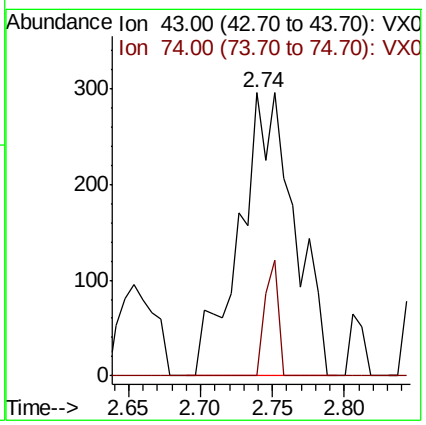


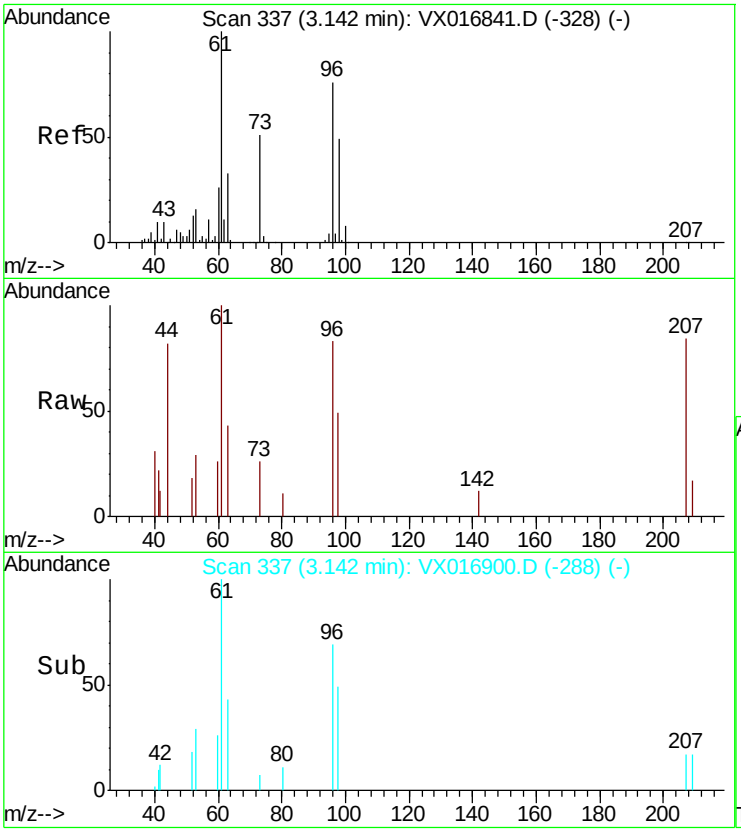


#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.74 min Scan# 271
Delta R.T. -0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 43 Resp: 781

Ion	Ratio	Lower	Upper
43	100		
74	9.7	21.8	32.8#



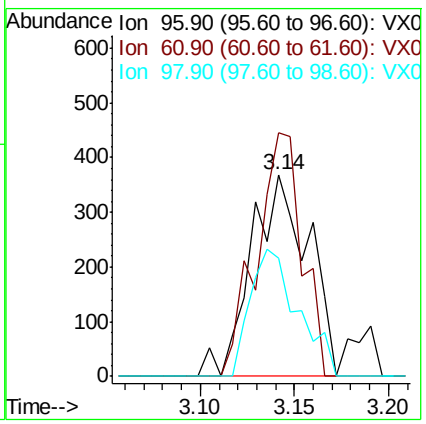


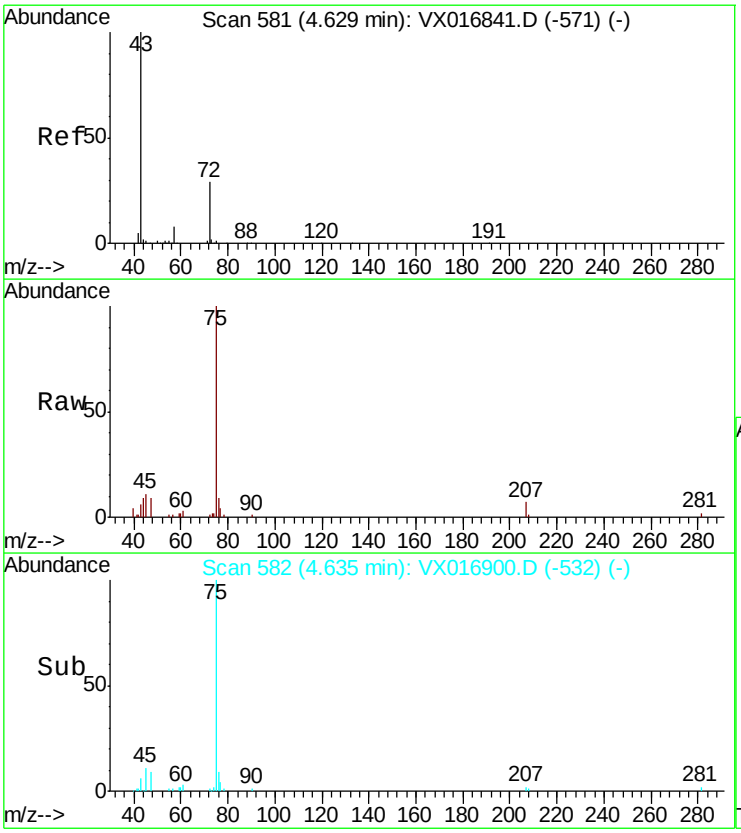
#21
trans-1,2-Dichloroethene
Concen: 0.254 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL02

Tgt Ion: 96 Resp: 783

Ion	Ratio	Lower	Upper
96	100		
61	120.6	105.4	158.0
98	58.5	51.3	76.9

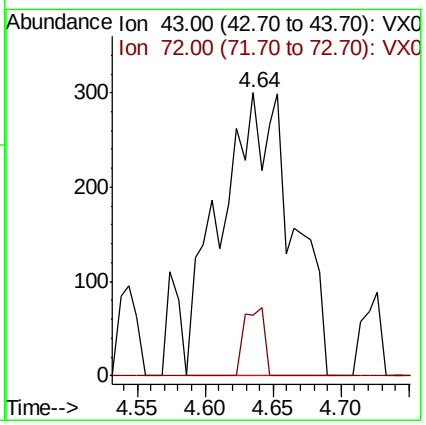


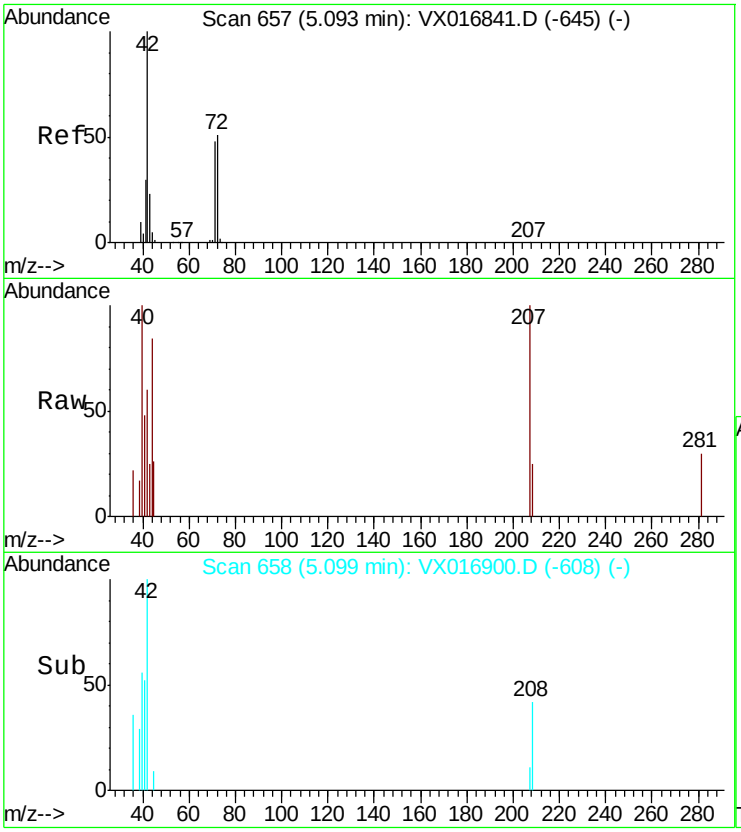


#25
2-Butanone
Concen: 0.605 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 43 Resp: 1109

Ion	Ratio	Lower	Upper
43	100		
72	21.3	23.5	35.3#



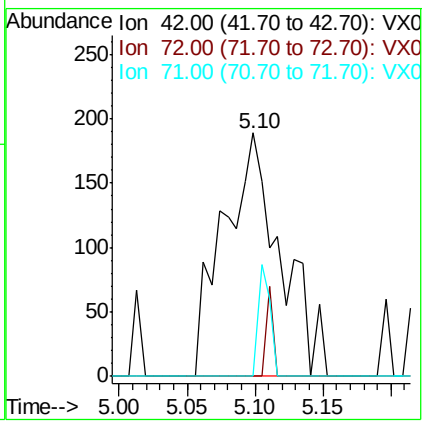


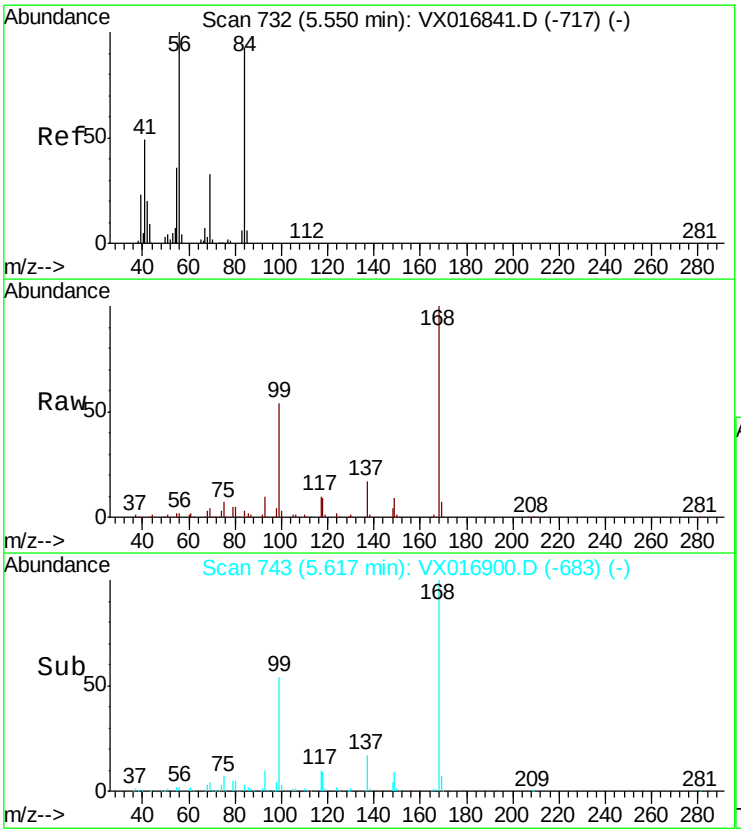
#29
Tetrahydrofuran
Concen: 0.481 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument : MSVOA_X
ClientSampleId : VX0619WBL02

Tgt Ion: 42 Resp: 555

Ion	Ratio	Lower	Upper
42	100		
72	4.7	41.1	61.7#
71	9.7	38.4	57.6#

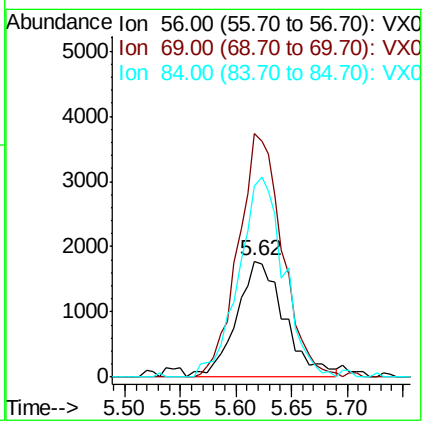


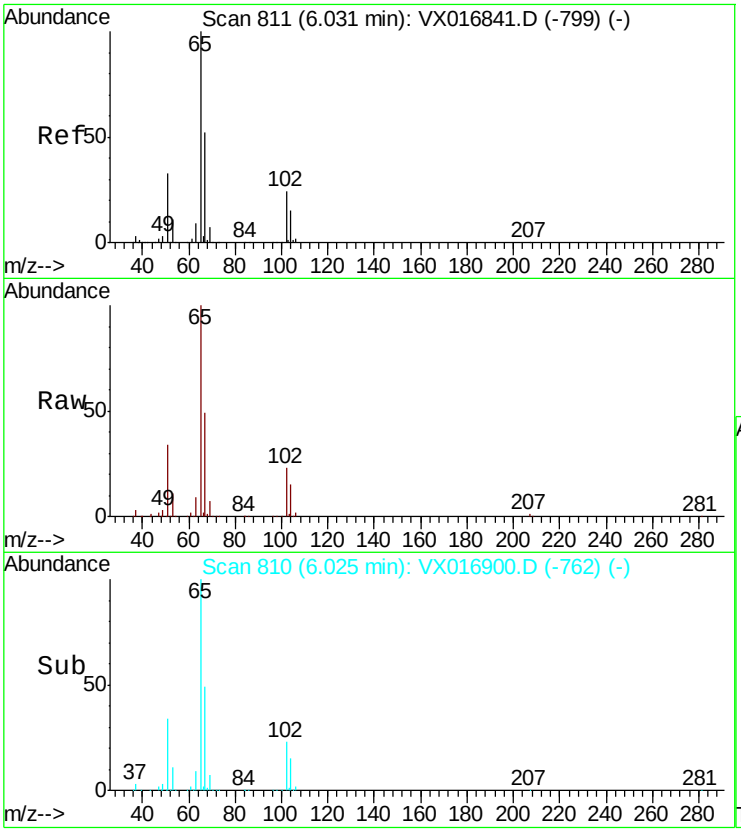


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.62 min Scan# 743
Delta R.T. 0.07 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 56 Resp: 5326

Ion	Ratio	Lower	Upper
56	100		
69	210.6	26.1	39.1#
84	165.8	73.0	109.6#



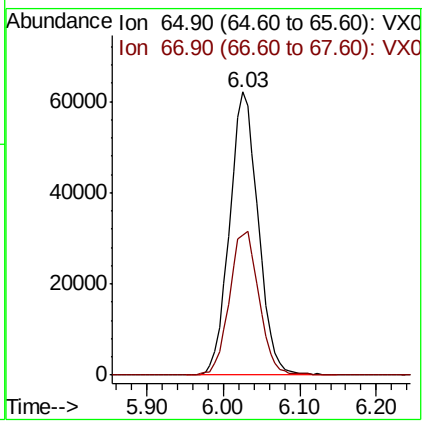


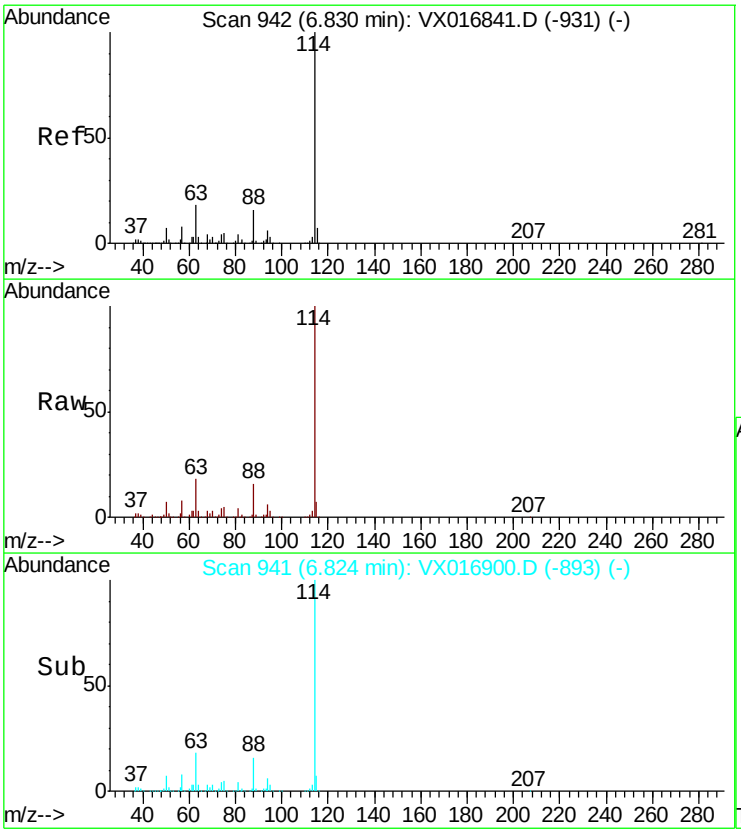
#33
1,2-Dichloroethane-d4
Concen: 43.847 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument : MSVOA_X
ClientSampleId : VX0619WBL02

Tgt Ion: 65 Resp: 160848

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	102.6

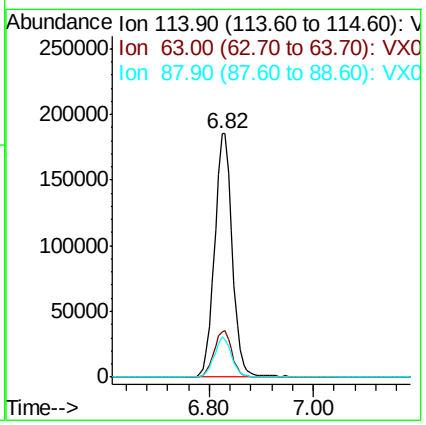


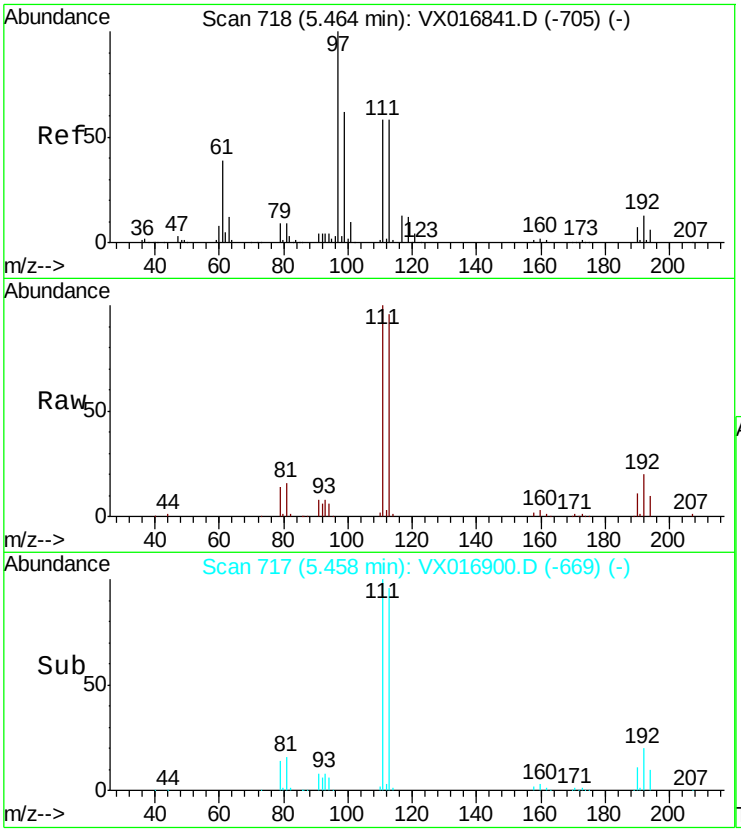


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion:114 Resp: 441732

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	37.0
88	16.3	0.0	32.0



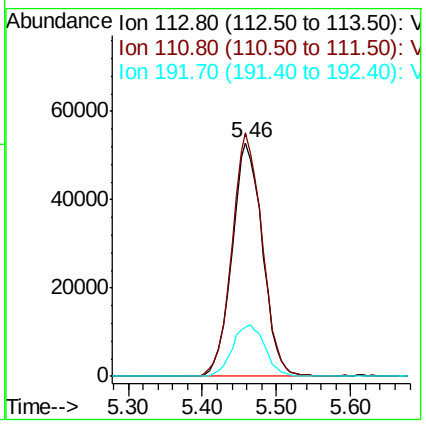


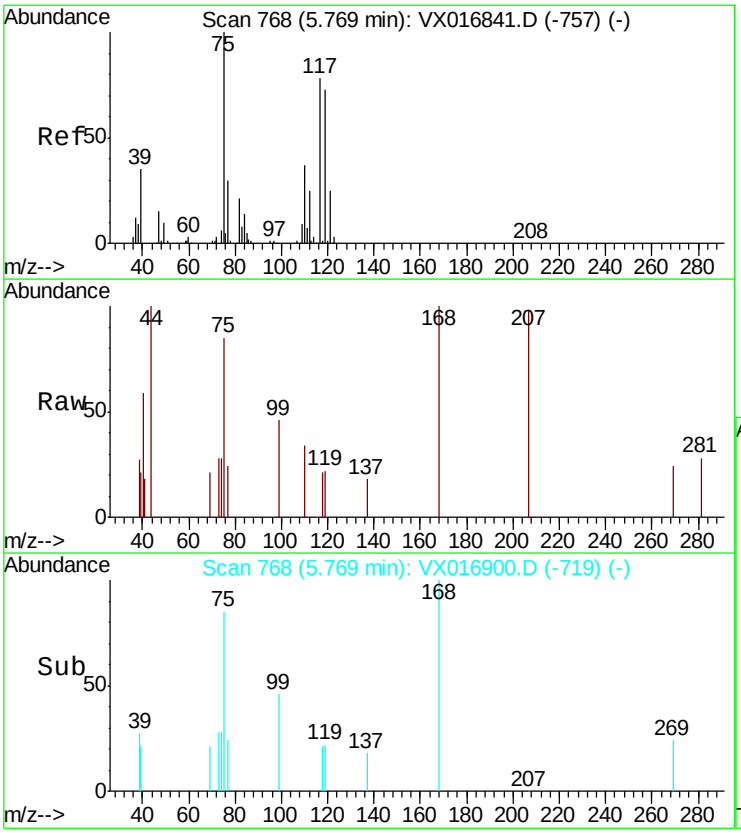
#35
Dibromofluoromethane
Concen: 53.611 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL02

Tgt Ion:113 Resp: 151493

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.0	121.4
192	23.5	18.5	27.7

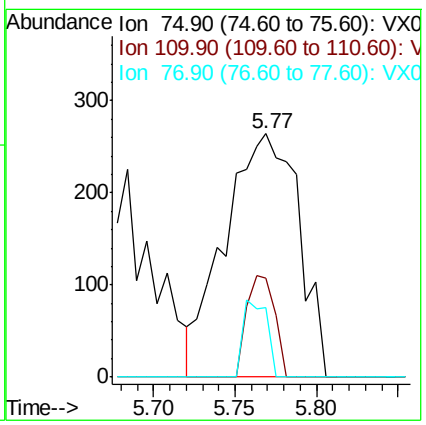


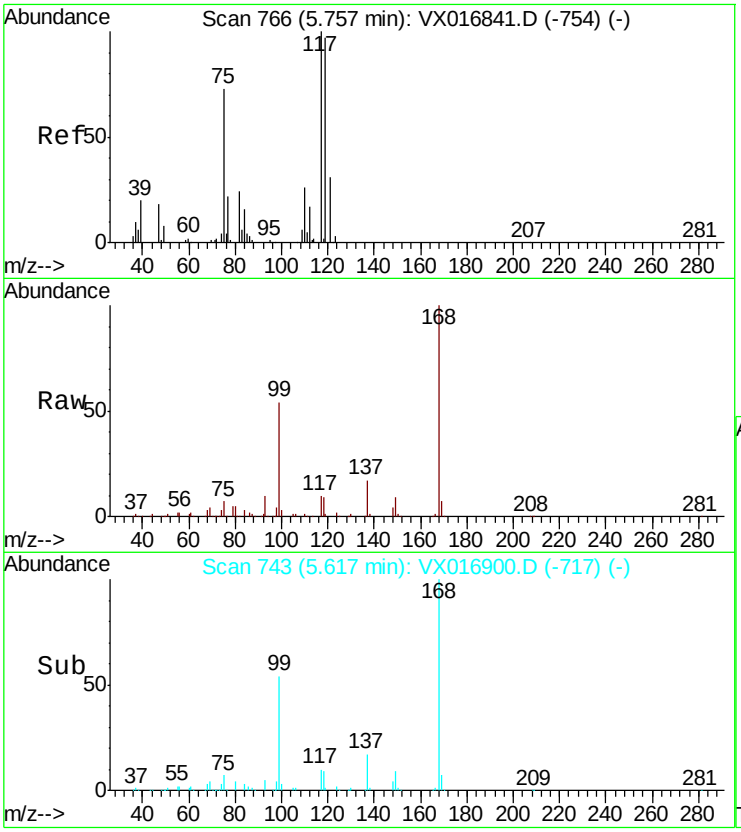


#36
1,1-Dichloropropene
Concen: 0.204 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 75 Resp: 832

Ion	Ratio	Lower	Upper
75	100		
110	15.9	18.9	56.9#
77	10.2	25.6	38.4#



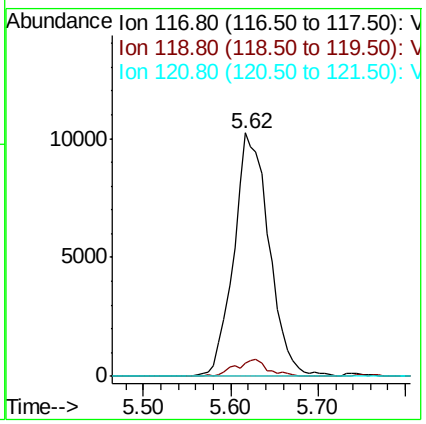


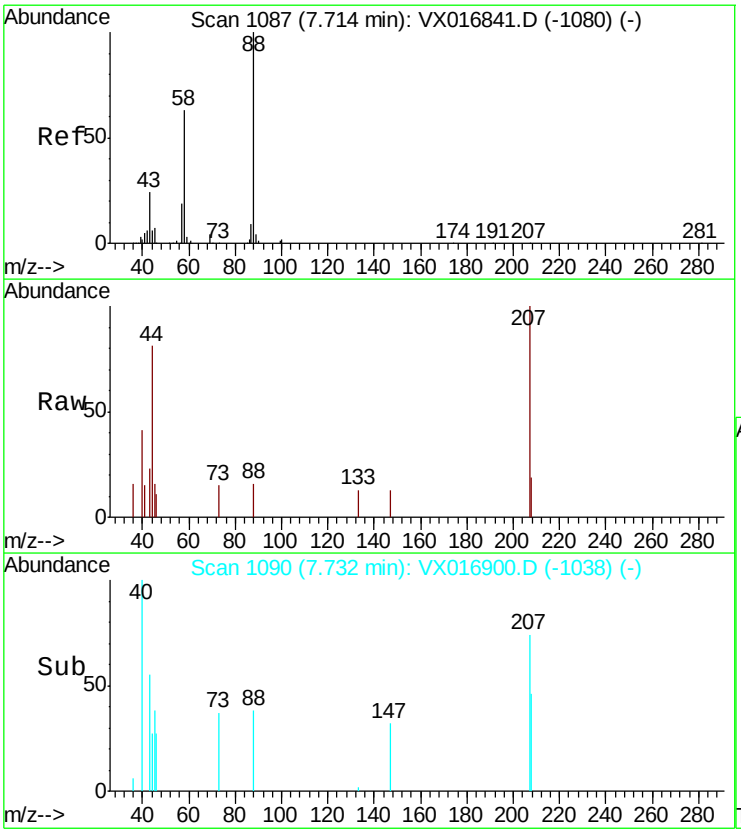
#38
Carbon Tetrachloride
Concen: 6.259 ug/l
RT: 5.62 min Scan# 743
Delta R.T. -0.14 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL02

Tgt Ion:117 Resp: 28643

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.4	116.2#
121	0.0	24.7	37.1#

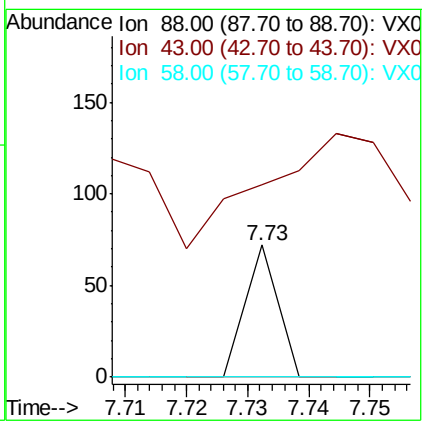


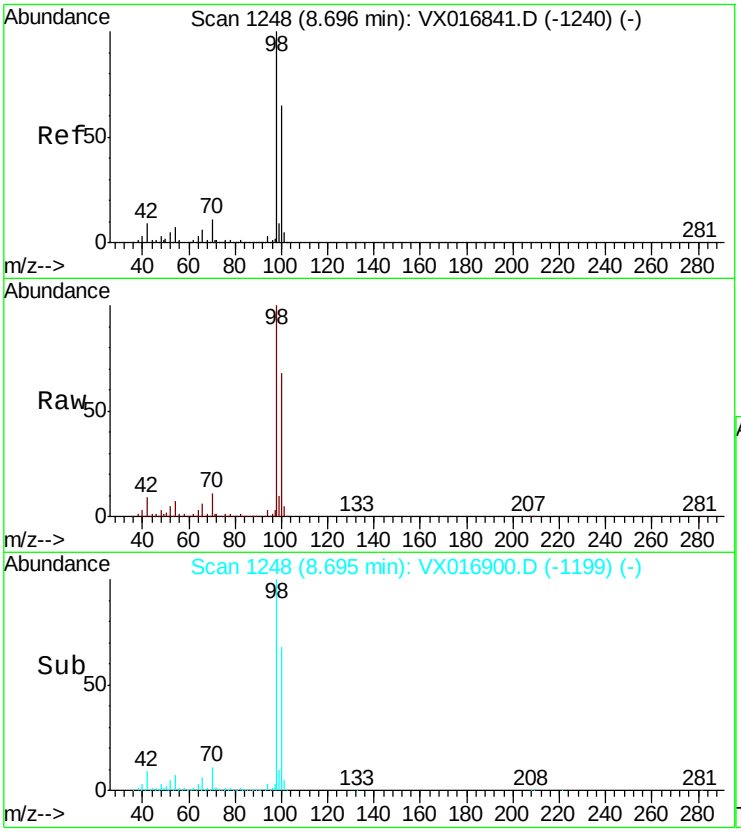


#49
1,4-Dioxane
Concen: 0.392 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
43	261.5	22.7	34.1#
58	0.0	53.1	79.7#



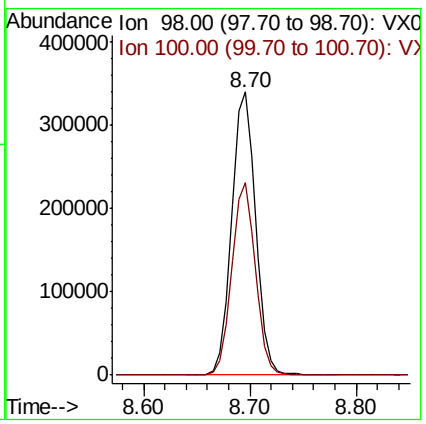


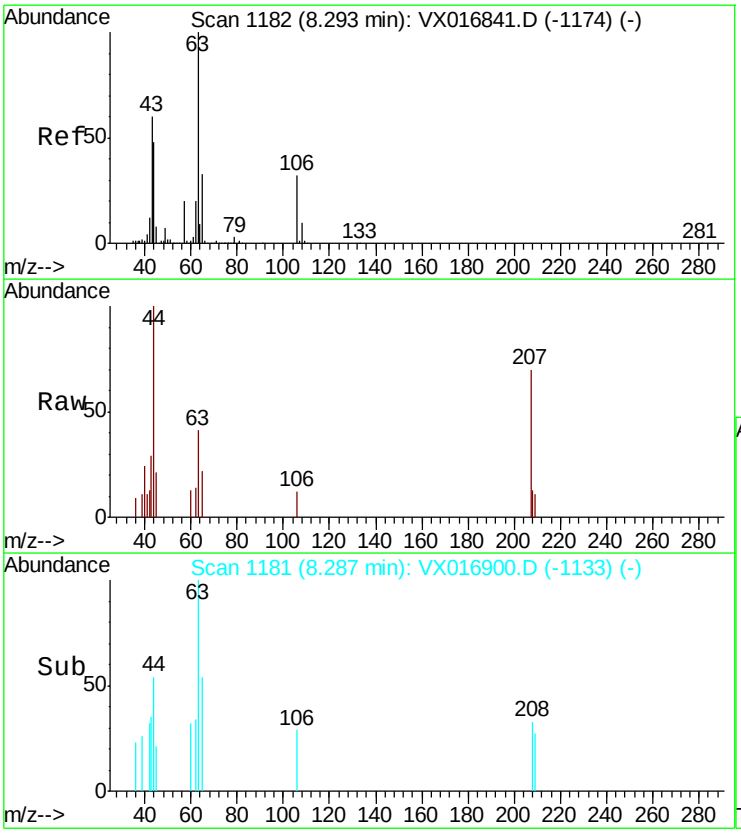
#50
Toluene-d8
Concen: 47.688 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL02

Tgt Ion: 98 Resp: 539139

Ion	Ratio	Lower	Upper
98	100		
100	67.1	54.0	81.0

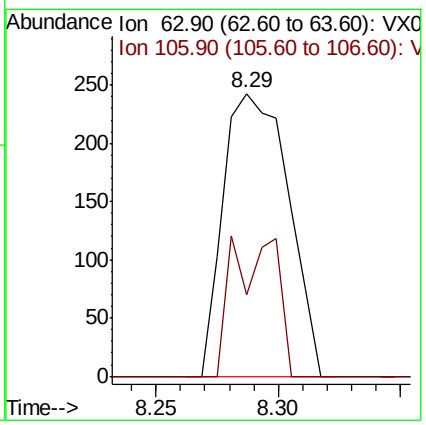


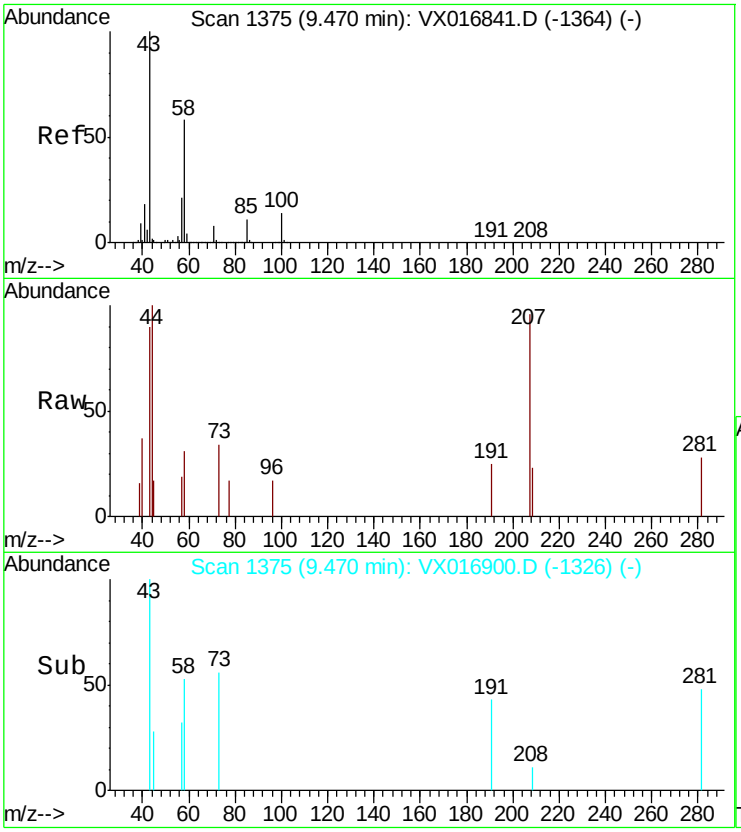


#58
2-Chloroethyl Vinyl ether
Concen: 0.218 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 63 Resp: 451

Ion	Ratio	Lower	Upper
63	100		
106	33.9	25.8	38.6



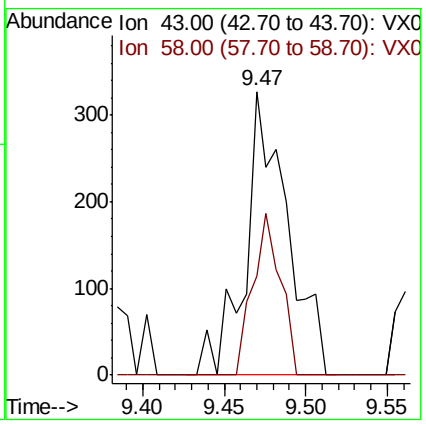


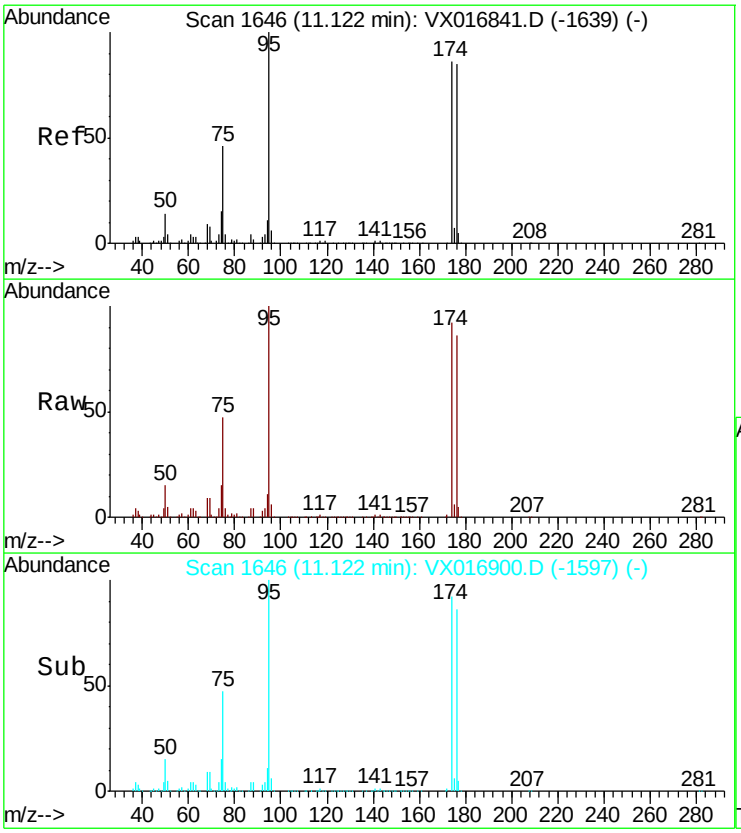
#59
2-Hexanone
Concen: 0.215 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument : MSVOA_X
ClientSampleId : VX0619WBL02

Tgt Ion: 43 Resp: 589

Ion	Ratio	Lower	Upper
43	100		
58	37.2	29.8	89.4

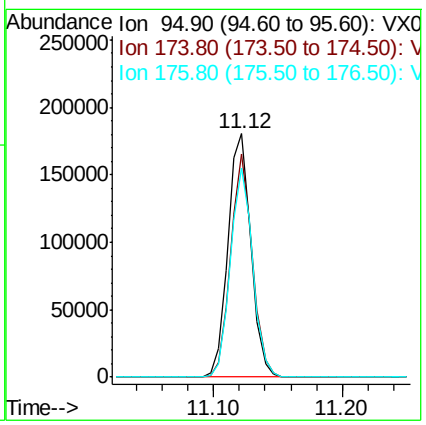


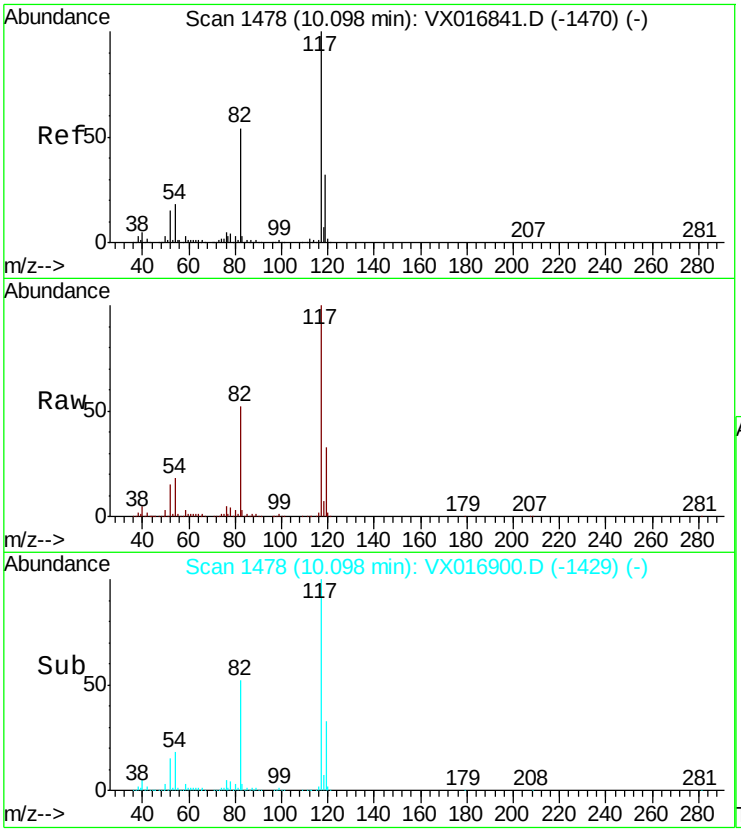


#62
4-Bromofluorobenzene
Concen: 52.135 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 95 Resp: 225829

Ion	Ratio	Lower	Upper
95	100		
174	86.7	0.0	174.2
176	83.4	0.0	170.0



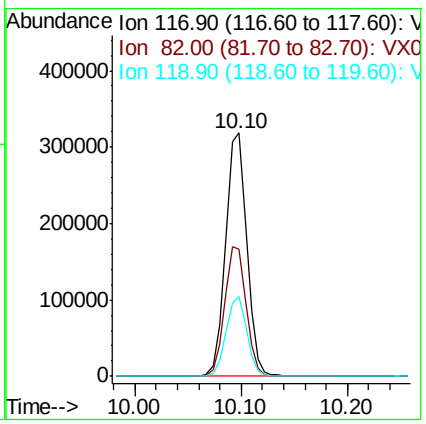


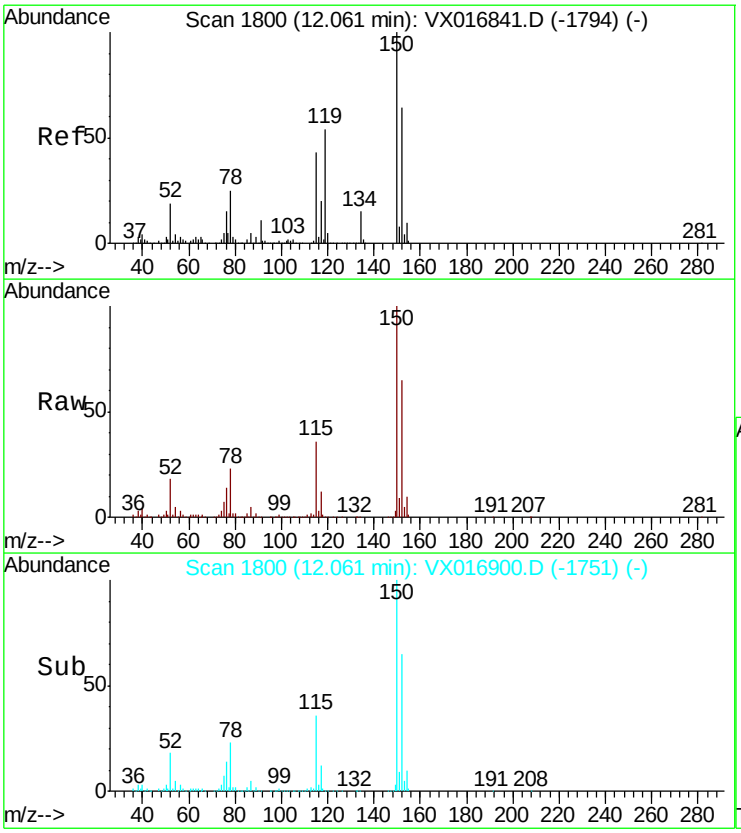
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument : MSVOA_X
ClientSampleId : VX0619WBL02

Tgt Ion:117 Resp: 445601

Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.4	65.0
119	32.7	25.7	38.5

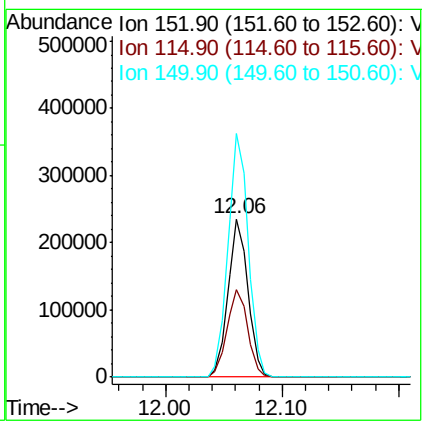


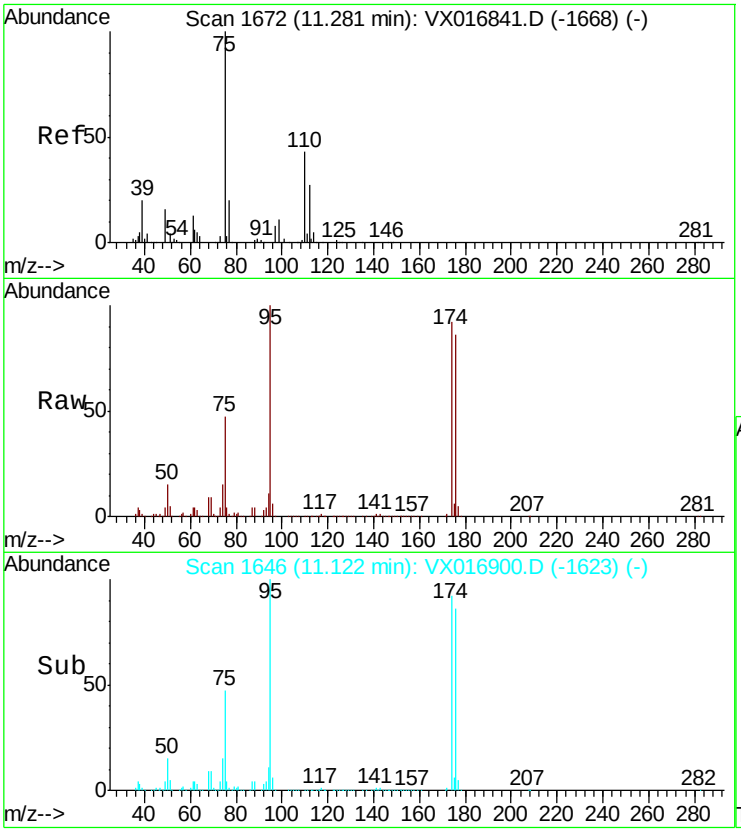


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion:152 Resp: 279514

Ion	Ratio	Lower	Upper
152	100		
115	57.3	40.9	122.8
150	156.4	0.0	344.2



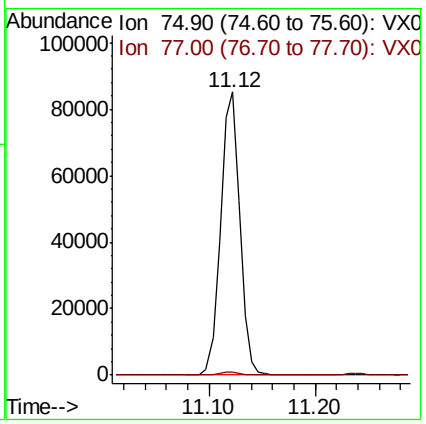


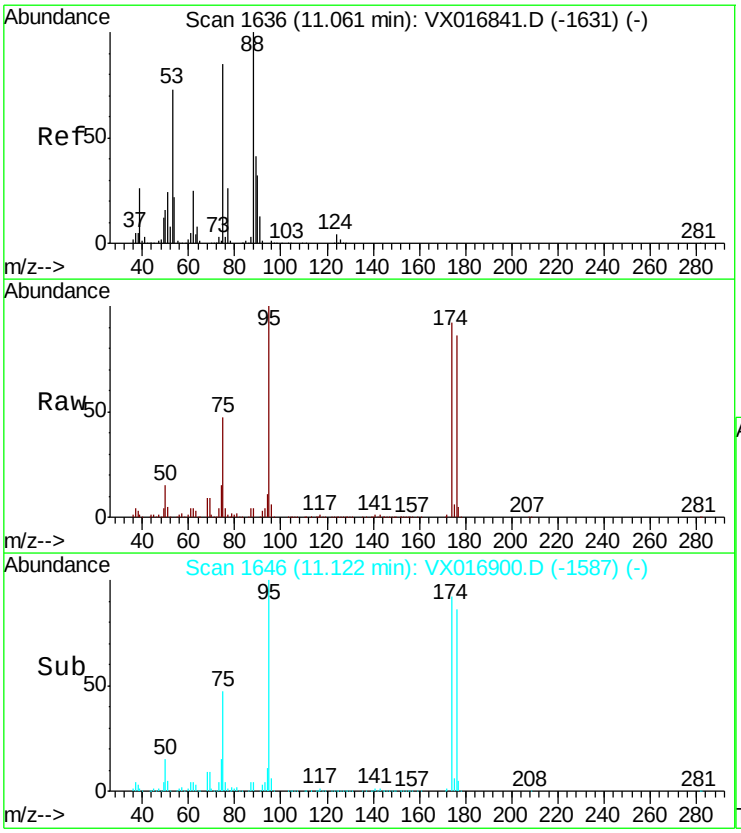
#76
1,2,3-Trichloropropane
Concen: 20.975 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument : MSVOA_X
ClientSampleId : VX0619WBL02

Tgt Ion: 75 Resp: 107072

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.5	61.5#

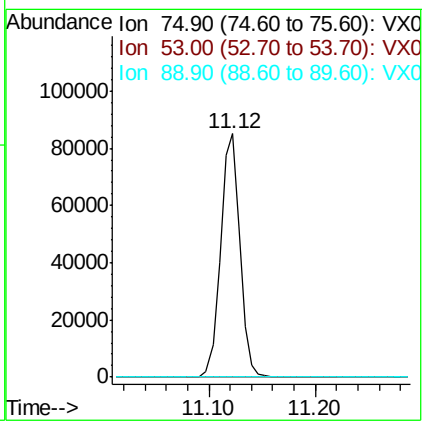


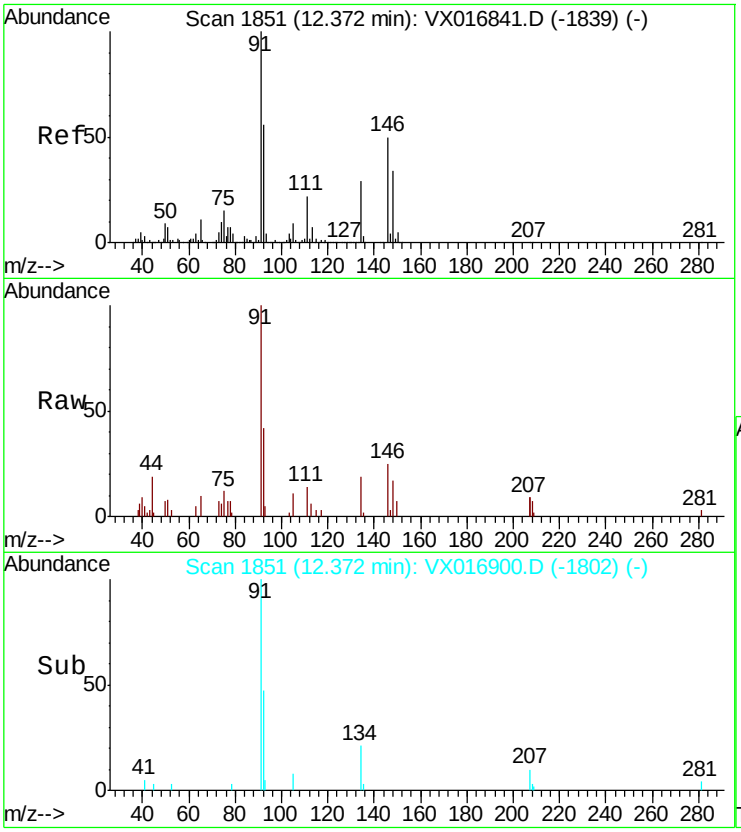


#81
trans-1,4-Dichloro-2-butene
Concen: 51.364 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion: 75 Resp: 107072

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.8#
89	0.0	38.3	57.5#



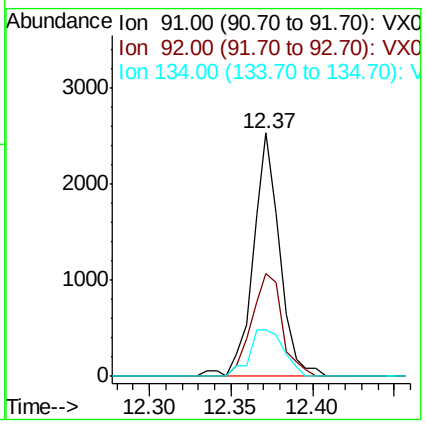


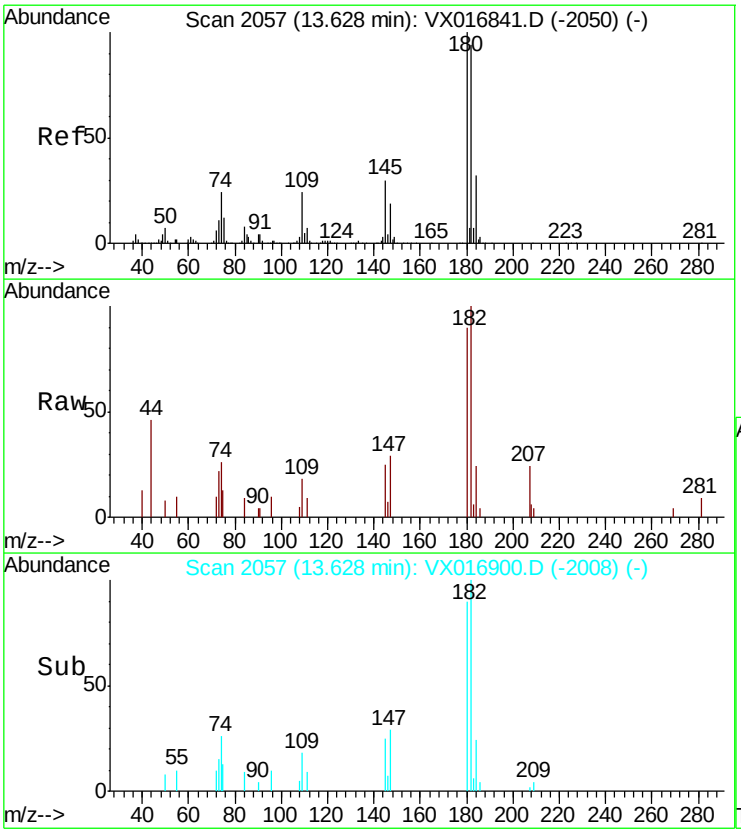
#89
n-Butylbenzene
Concen: 0.203 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument : MSVOA_X
ClientSampleId : VX0619WBL02

Tgt Ion: 91 Resp: 2841

Ion	Ratio	Lower	Upper
91	100		
92	48.8	27.4	82.2
134	25.1	13.9	41.6

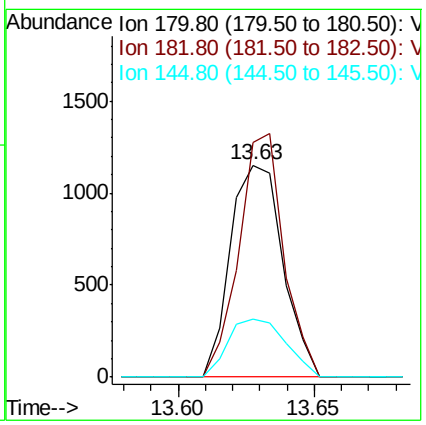


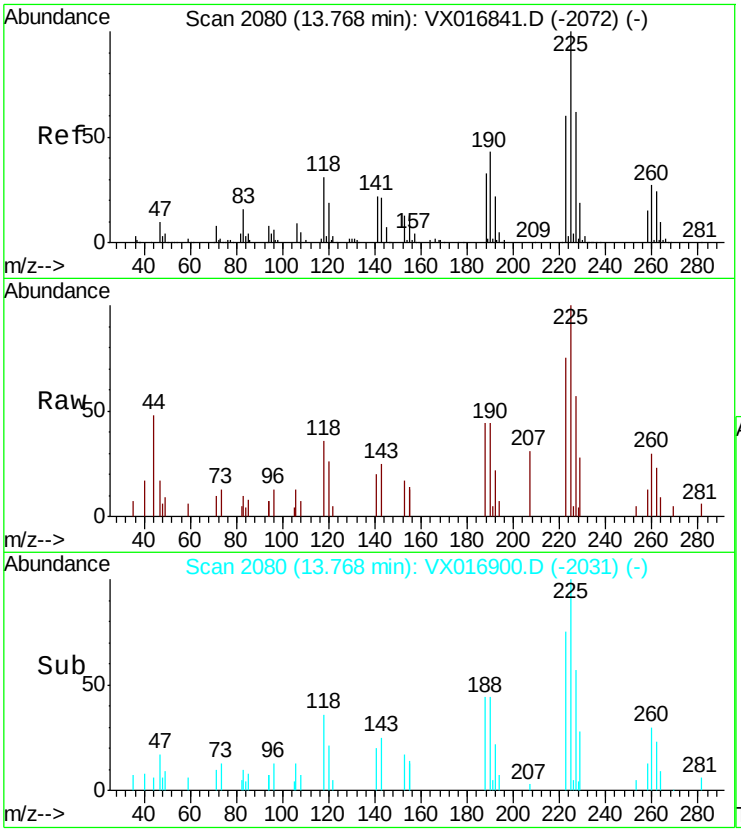


#93
1,2,4-Trichlorobenzene
Concen: 0.264 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion:180 Resp: 1536

Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.7	143.1
145	30.1	15.0	45.1



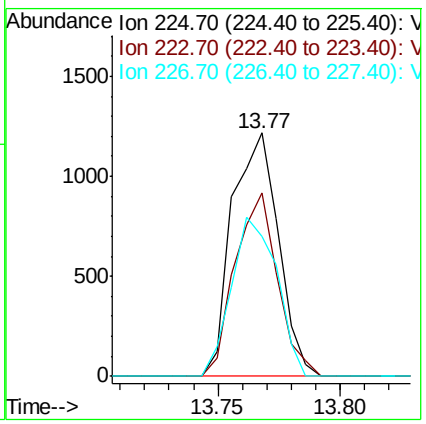


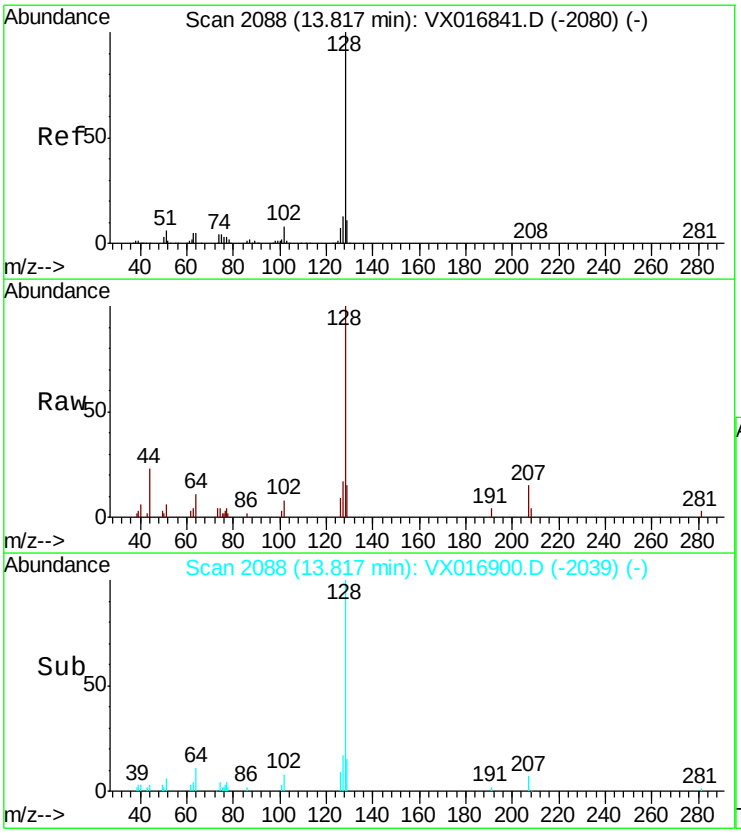
#94
Hexachlorobutadiene
Concen: 0.610 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL02

Tgt Ion:225 Resp: 1601

Ion	Ratio	Lower	Upper
225	100		
223	69.4	32.1	96.5
227	64.3	32.3	96.8

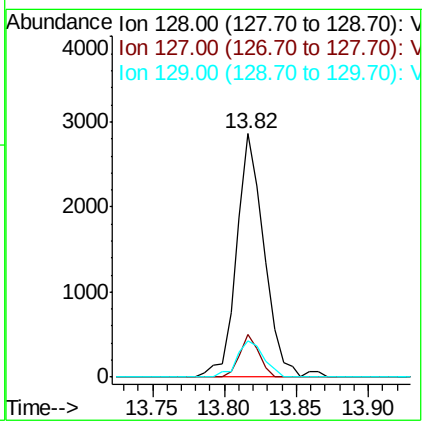


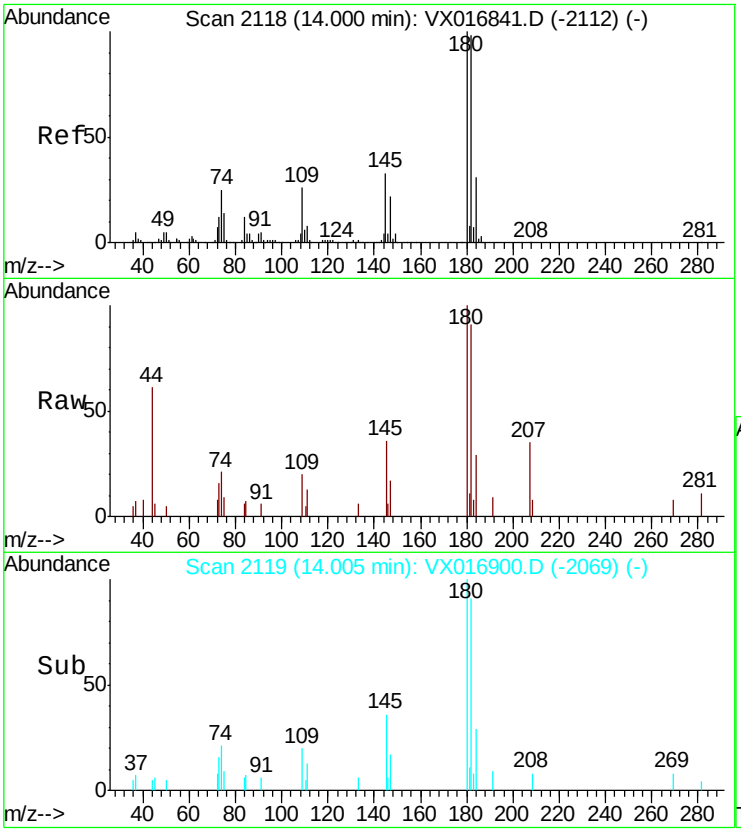


#95
Naphthalene
Concen: 0.223 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Tgt Ion:128 Resp: 3811

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	14.5	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.232 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016900.D
Acq: 20 Jun 2020 02:06

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL02

Tgt Ion:180 Resp: 1342

Ion	Ratio	Lower	Upper
180	100		
182	100.0	47.4	142.3
145	40.0	16.0	48.0