Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031619\
Data File : VX008147.D
Acq On : 16 Mar 2019 18:01
Operator : JC/SP
Sample : K1685-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AU-05-031419-D

Quant Time: Mar 18 01:15:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	319450	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	429482	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	368290	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157447	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	140261	43.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.06%				
35) Dibromofluoromethane	5.50	113	130664	47.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.96%				
50) Toluene-d8	8.71	98	497494	48.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.06%				
62) 4-Bromofluorobenzene	11.13	95	156270	42.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.22%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	1327	0.441	ug/l	#	64
5) Bromomethane	1.65	94	19	Below Cal		#	2
6) Chloroethane	1.73	64	99	Below Cal		#	43
8) Diethyl Ether	2.20	74	840	0.490	ug/l		96
11) Tert butyl alcohol	3.06	59	210	0.337	ug/l	#	73
12) 1,1-Dichloroethene	2.38	96	727	0.298	ug/l	#	86
13) Acrolein	2.30	56	287	0.500	ug/l	#	13
14) Allyl chloride	2.84	41	948363	213.771	ug/l	#	31
16) Acetone	2.45	43	8823	5.800	ug/l		96
18) Methyl Acetate	2.85	43	116086	35.305	ug/l		98
20) Methylene Chloride	2.84	84	25991439	9565.995	ug/l	#	74
21) trans-1,2-Dichloroethene	3.17	96	1704	0.649	ug/l		95
25) 2-Butanone	4.71	43	1428	0.612	ug/l		95
28) Bromochloromethane	5.03	49	1252	0.549	ug/l	#	96
29) Tetrahydrofuran	5.16	42	786	0.539	ug/l	#	78
36) 1,1-Dichloropropene	5.66	75	18070	5.114	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	26171	7.695	ug/l	#	17
41) Methacrylonitrile	5.17	41	447	0.202	ug/l	#	39
43) Isopropyl Acetate	6.46	43	9738	1.592	ug/l		98
48) Methyl methacrylate	7.68	41	5583	1.748	ug/l	#	16
49) 1,4-Dioxane	7.87	88	196	2.845	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.62	43	69605	17.269	ug/l	#	49
52) Toluene	8.79	92	1948	0.283	ug/l		91
54) cis-1,3-Dichloropropene	8.62	75	37932	9.147	ug/l	#	57
57) 1,3-Dichloropropane	9.54	76	8971	1.935	ug/l	#	43
59) 2-Hexanone	9.54	43	110046	34.911	ug/l	#	52
76) 1,2,3-Trichloropropane	11.13	75	68745	25.141	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.51	105	2552	0.307	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.13	75	68745	71.542	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.80	105	2575	0.300	ug/l		98
95) Naphthalene	13.83	128	4720	0.488	ug/l		99

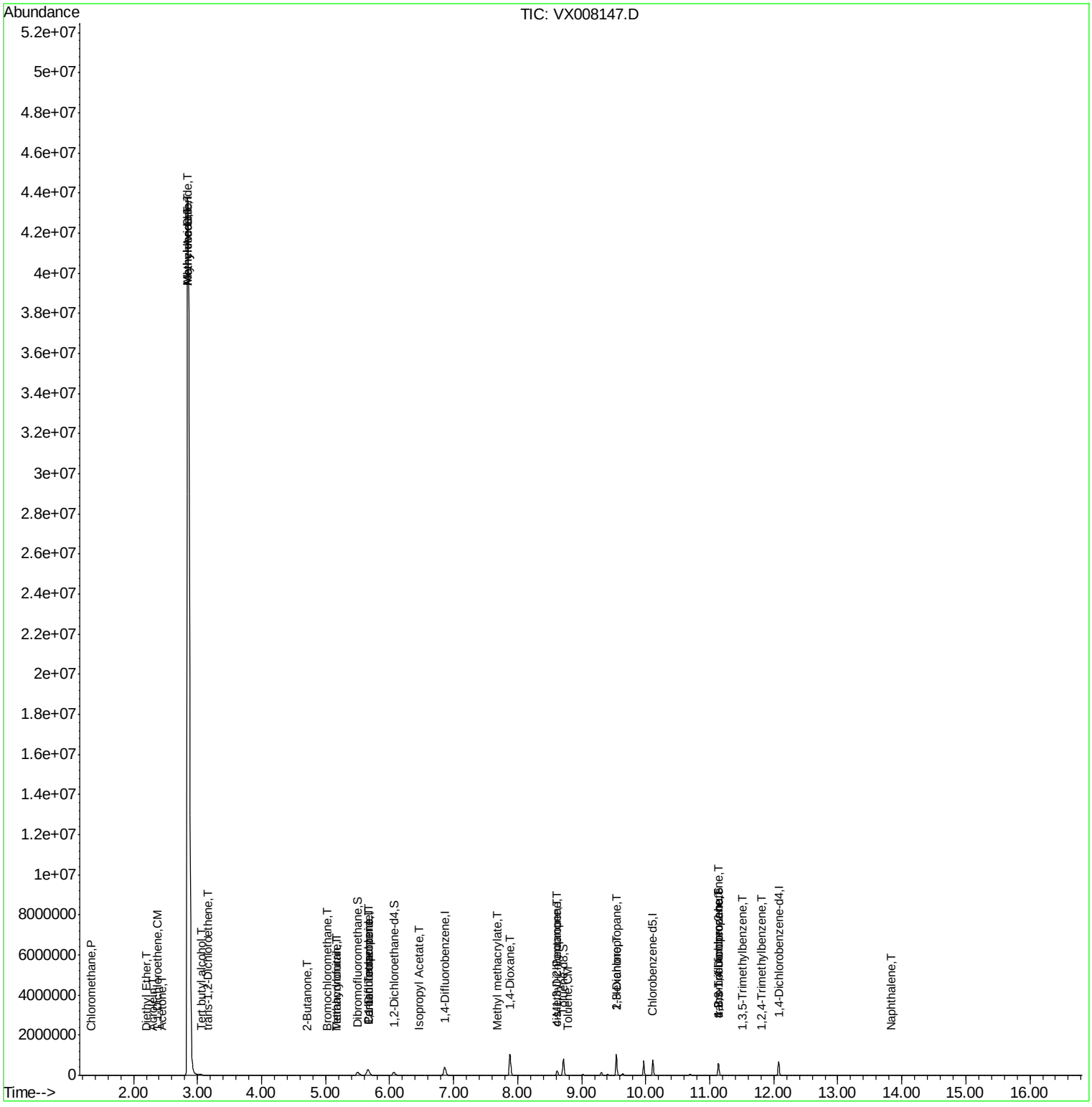
(#) = qualifier out of range (m) = manual integration (+) = signals summed

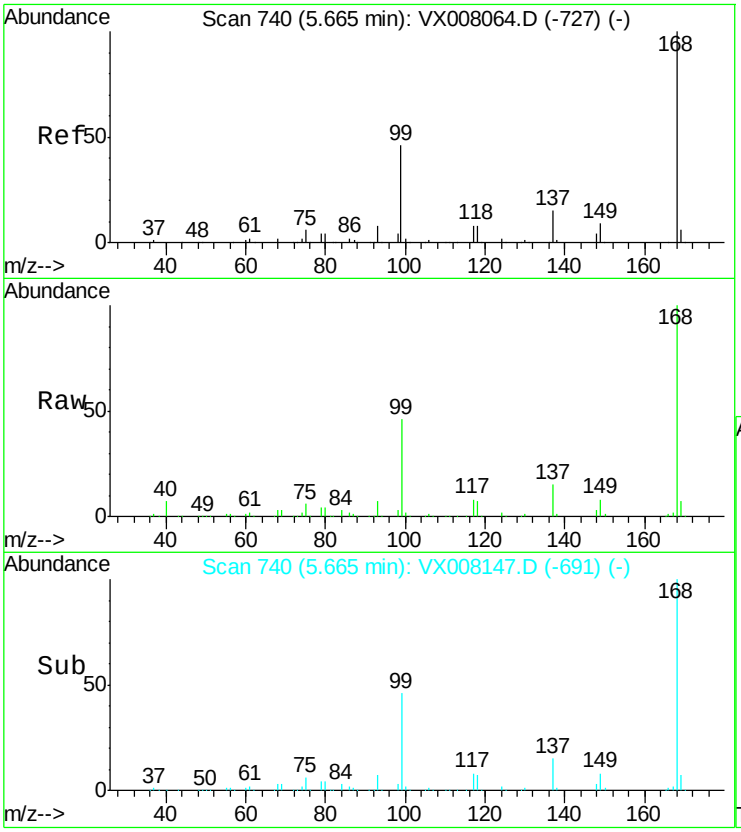
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
Data File : VX008147.D
Acq On : 16 Mar 2019 18:01
Operator : JC/SP
Sample : K1685-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Quant Time: Mar 18 01:15:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration



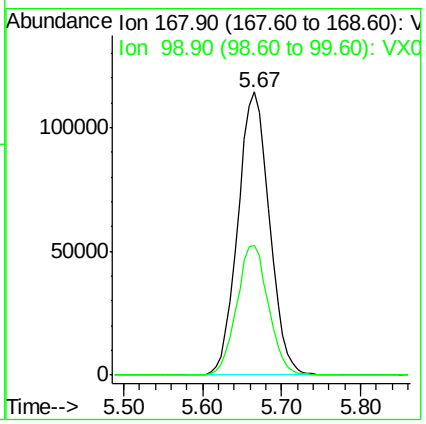


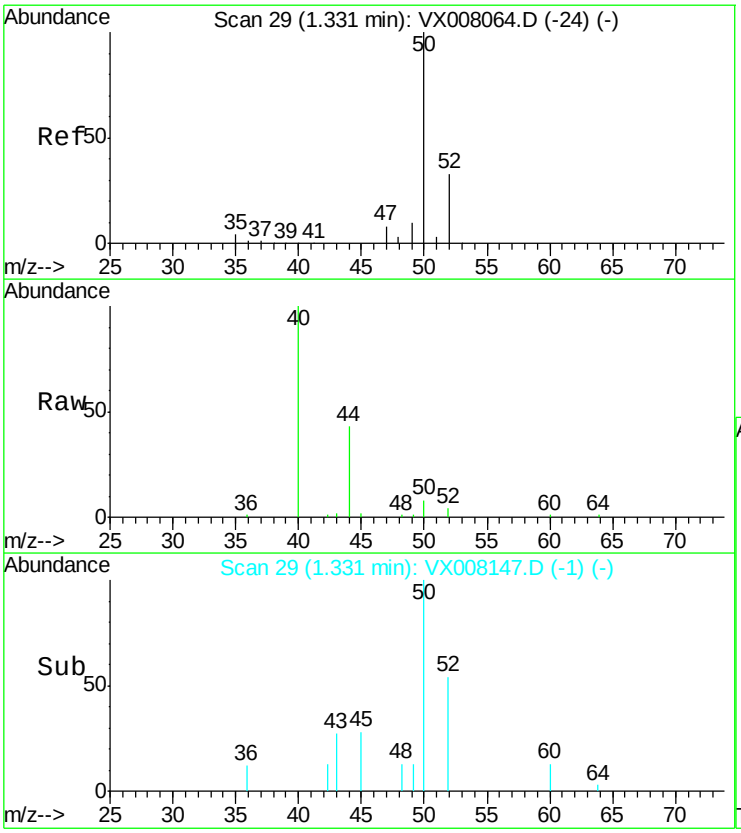
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion:168 Resp: 319450

Ion	Ratio	Lower	Upper
168	100		
99	45.9	37.6	56.4

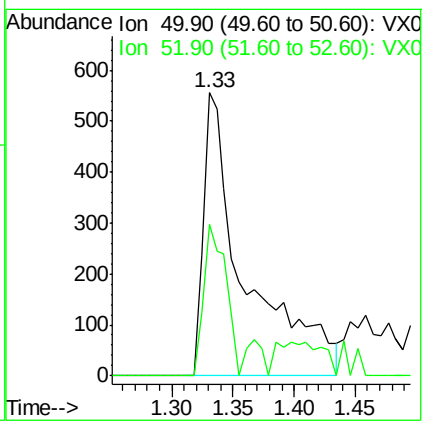


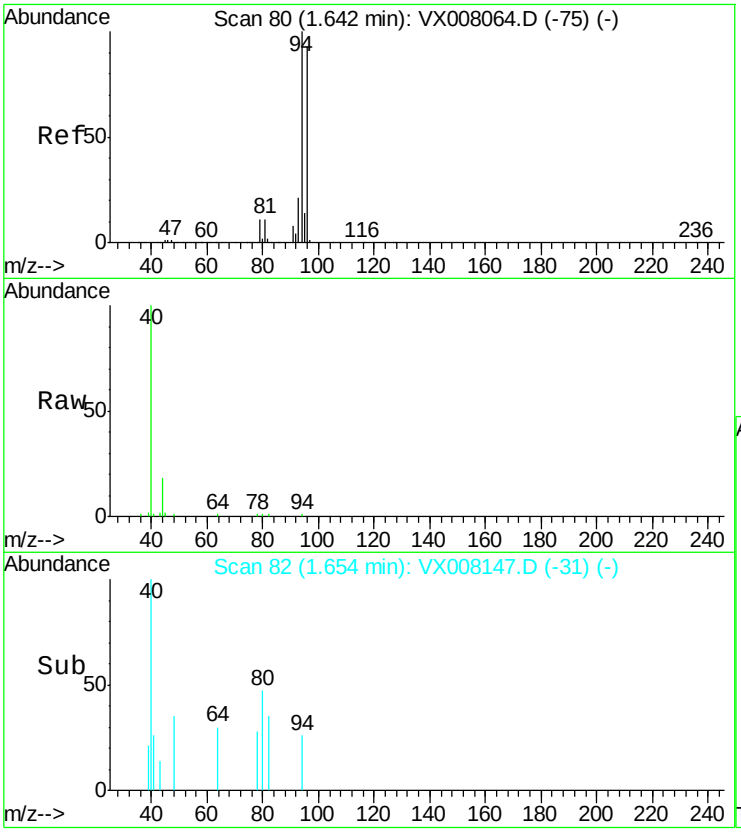


#3
Chloromethane
Concen: 0.441 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 50 Resp: 1327

Ion	Ratio	Lower	Upper
50	100		
52	53.6	26.5	39.7#



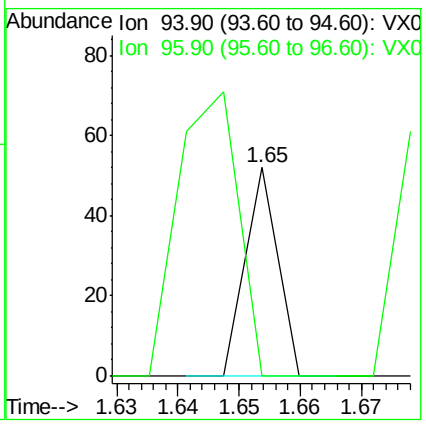


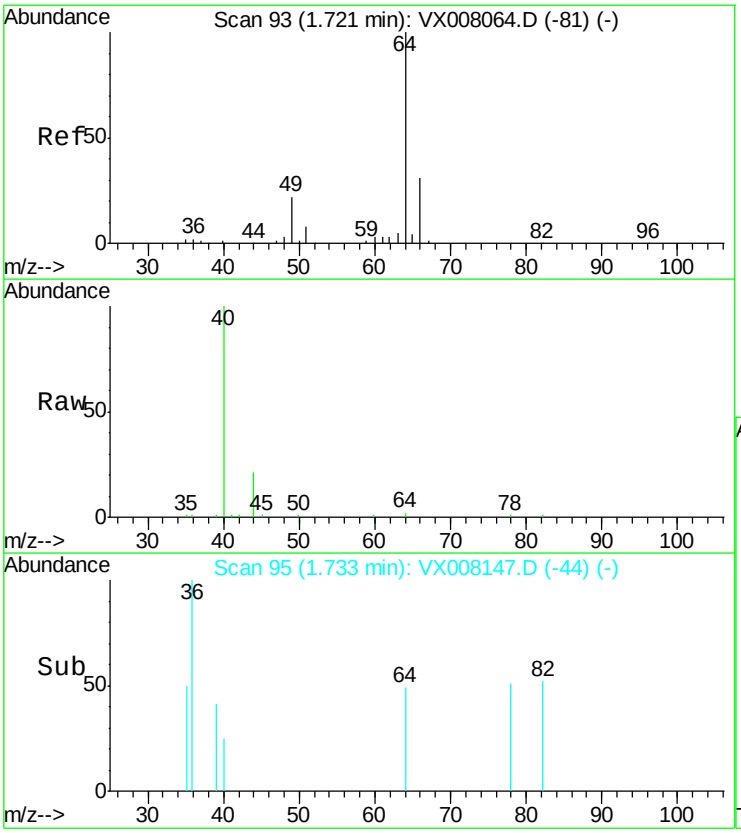
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion: 94 Resp: 19

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.5	113.3#

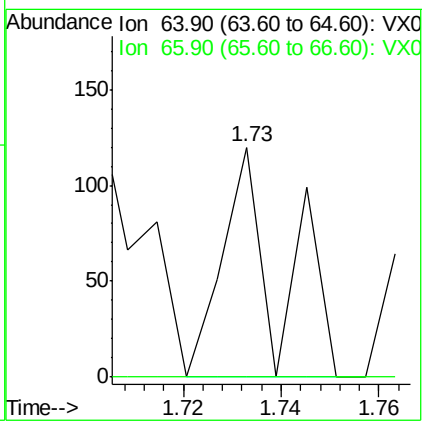


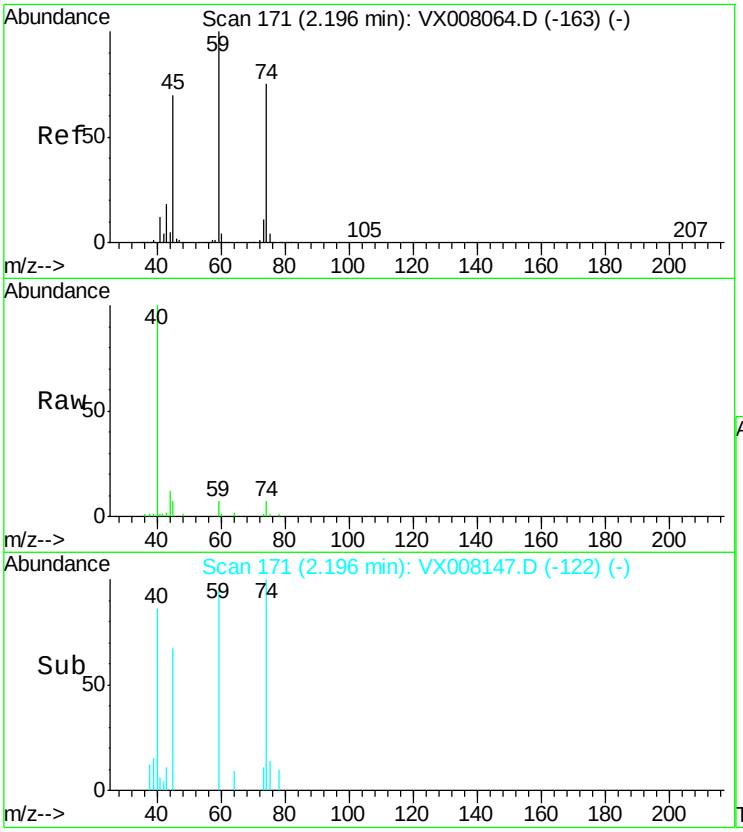


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 95
Delta R.T. 0.01 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 64 Resp: 99

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#



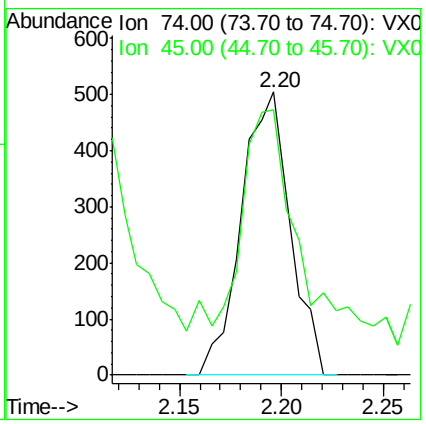


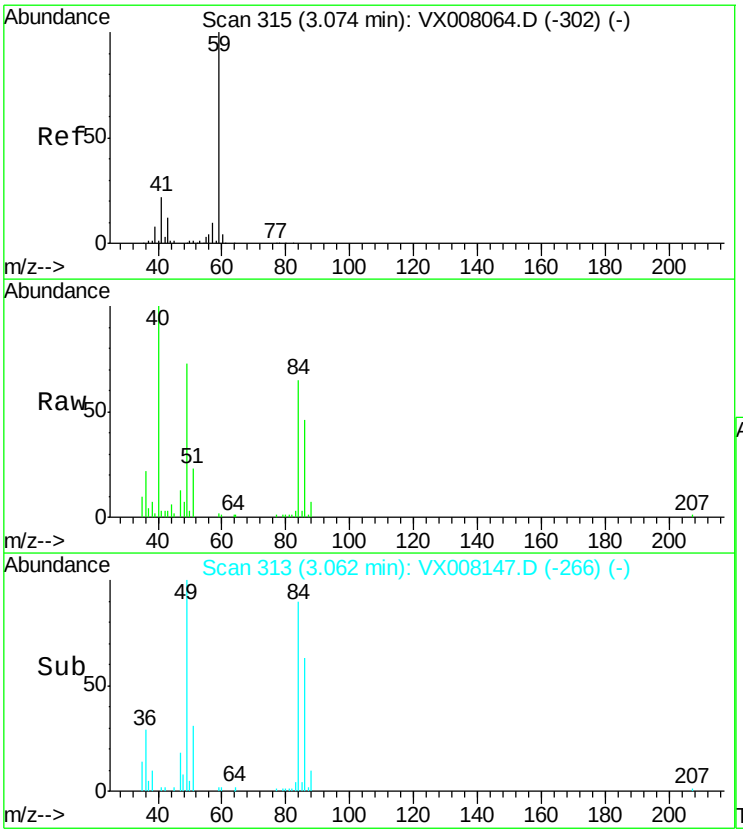
#8
Diethyl Ether
Concen: 0.490 ug/l
RT: 2.20 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument : MSVOA_X
ClientSampleId : AU-05-031419-D

Tgt Ion: 74 Resp: 840

Ion	Ratio	Lower	Upper
74	100		
45	100.7	52.1	156.4

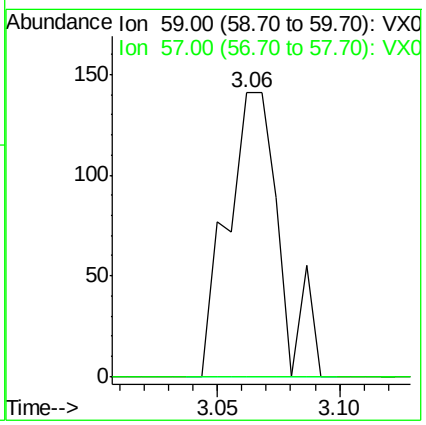


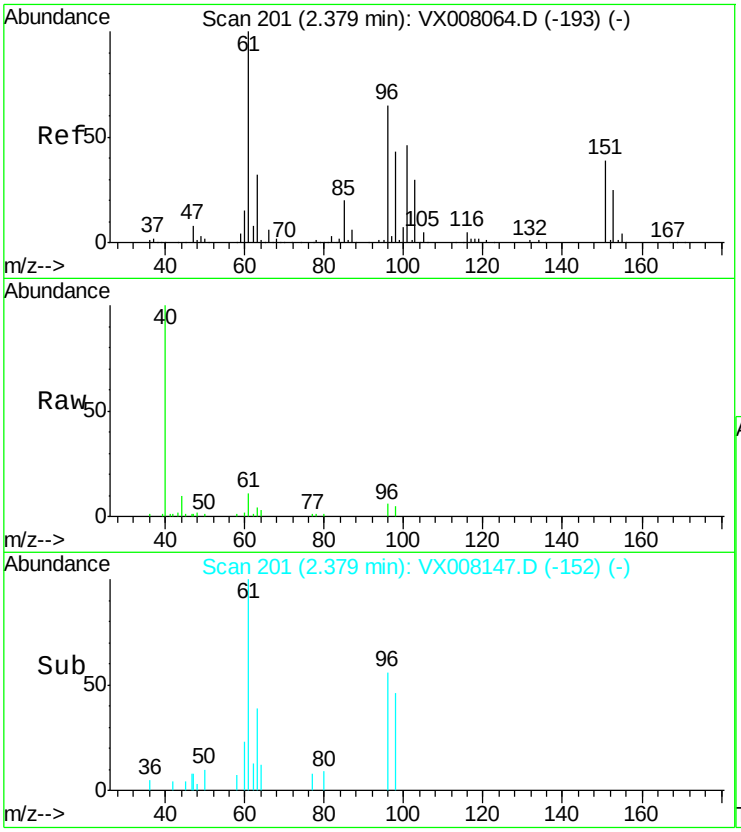


#11
Tert butyl alcohol
Concen: 0.337 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 59 Resp: 210

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



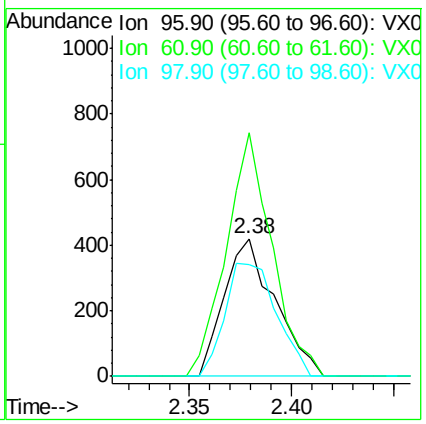


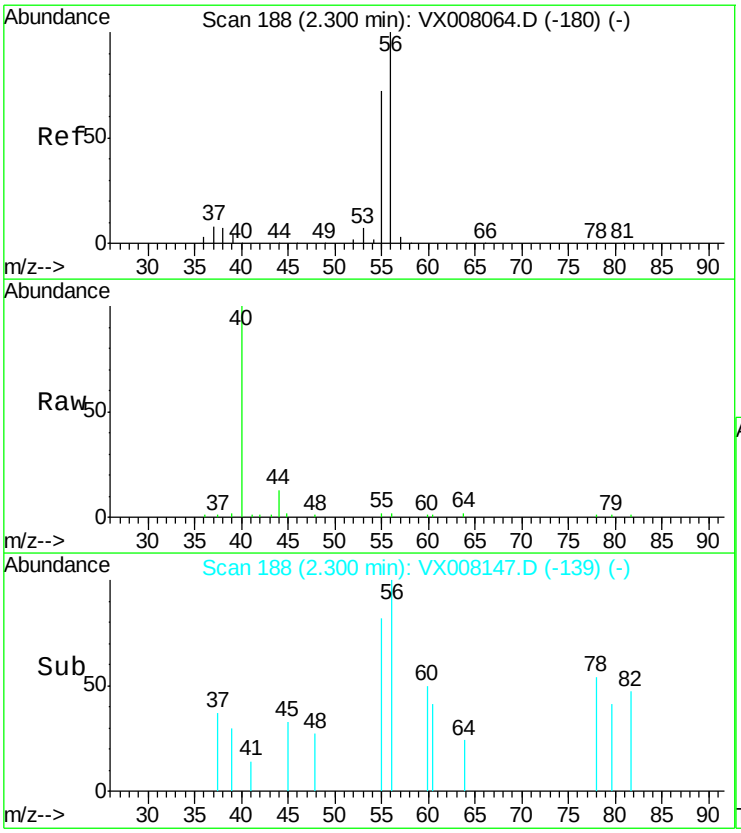
#12
1,1-Dichloroethene
Concen: 0.298 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion: 96 Resp: 727

Ion	Ratio	Lower	Upper
96	100		
61	177.1	129.8	194.6
98	81.6	51.0	76.6#

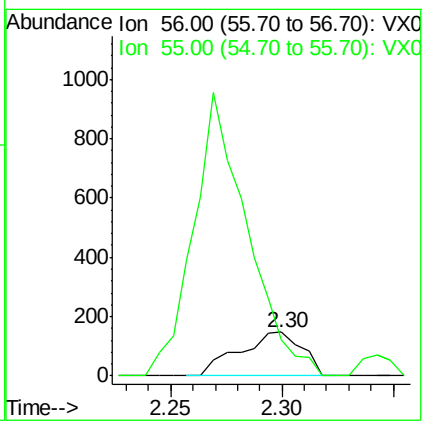


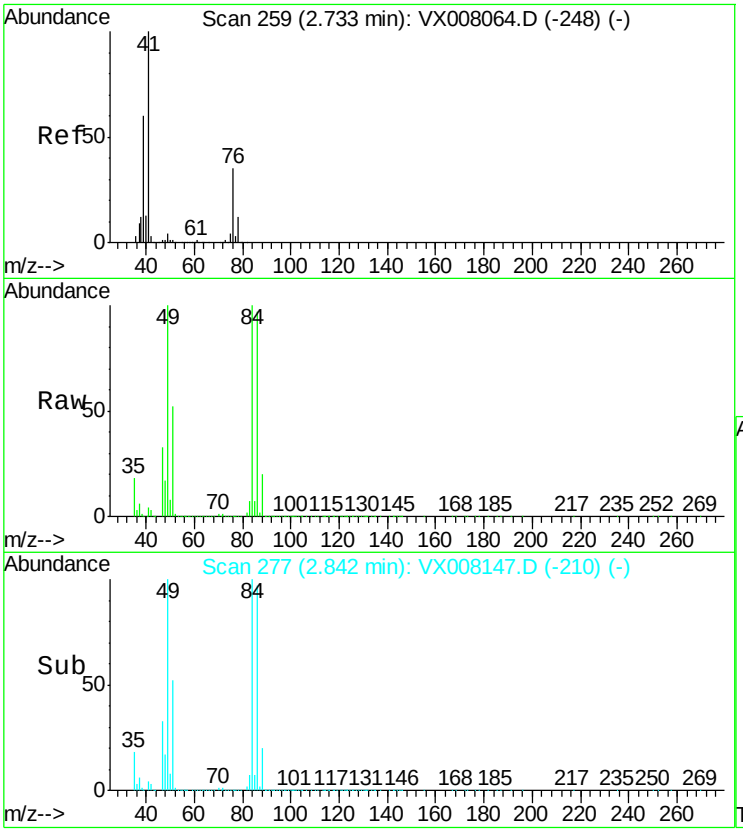


#13
Acrolein
Concen: 0.500 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 56 Resp: 287

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.8	86.6#



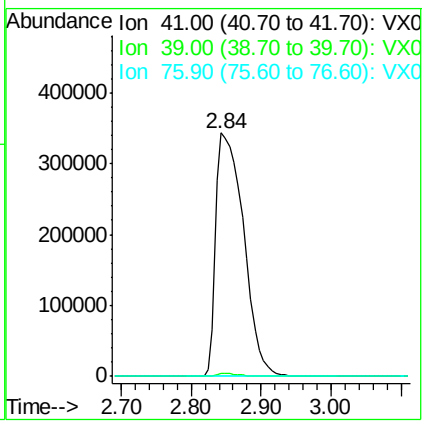


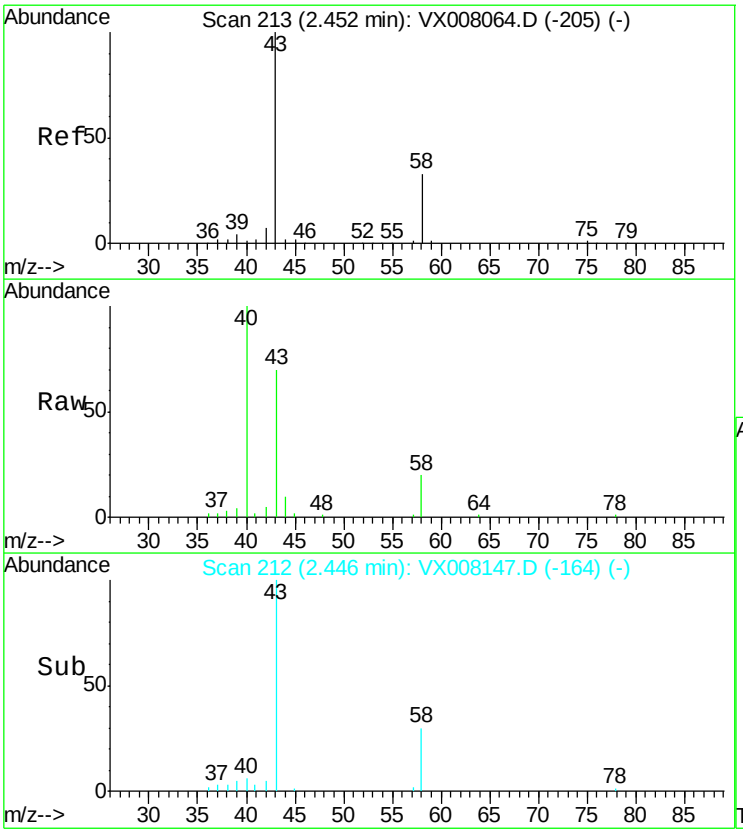
#14
Allyl chloride
Concen: 213.771 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.11 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument : MSVOA_X
ClientSampleId : AU-05-031419-D

Tgt Ion: 41 Resp: 948363

Ion	Ratio	Lower	Upper
41	100		
39	1.0	46.1	69.1#
76	0.0	24.0	36.0#

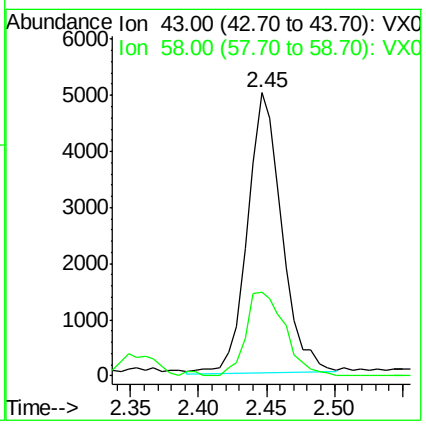


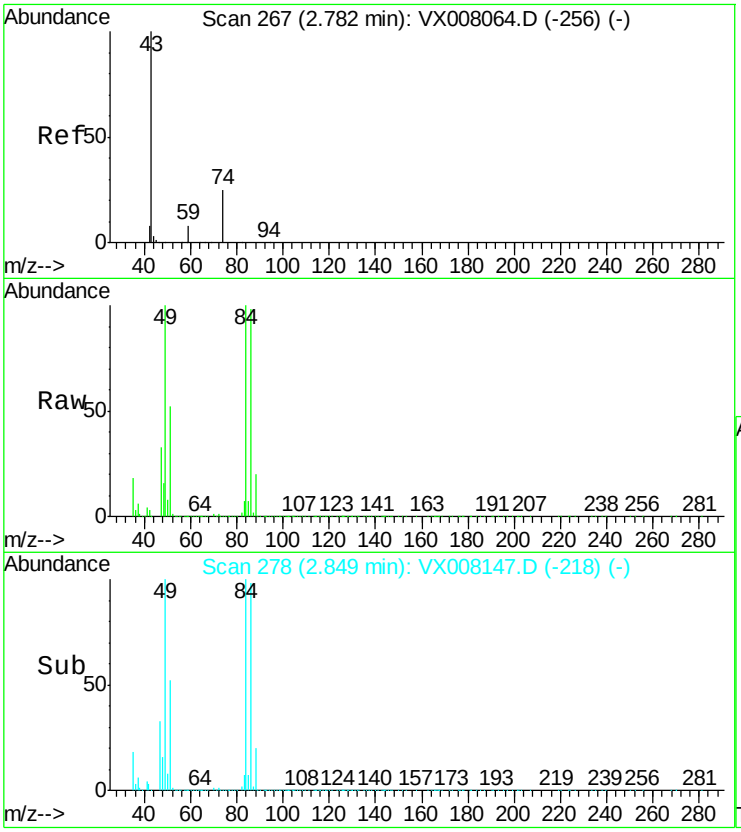


#16
Acetone
Concen: 5.800 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 43 Resp: 8823

Ion	Ratio	Lower	Upper
43	100		
58	29.9	25.5	38.3



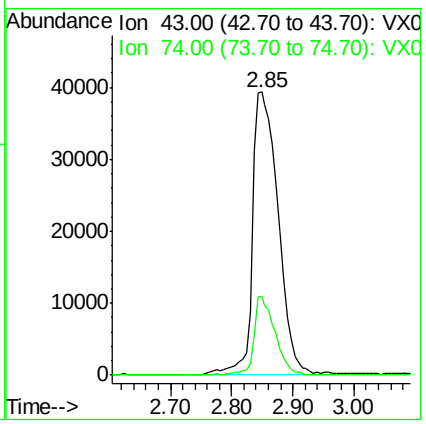


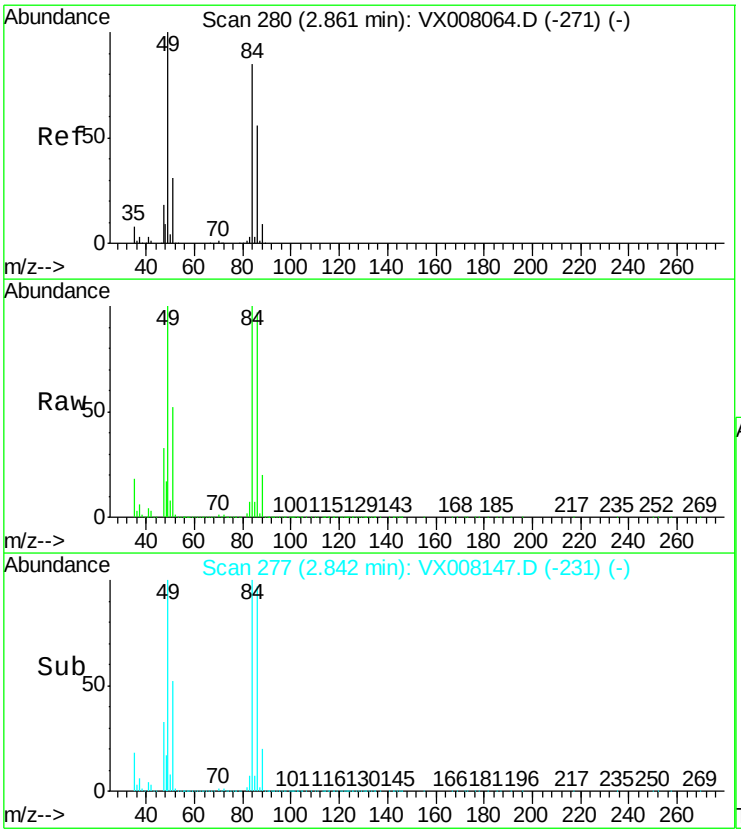
#18
Methyl Acetate
Concen: 35.305 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument : MSVOA_X
ClientSampleId : AU-05-031419-D

Tgt Ion: 43 Resp: 116086

Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.8	26.6

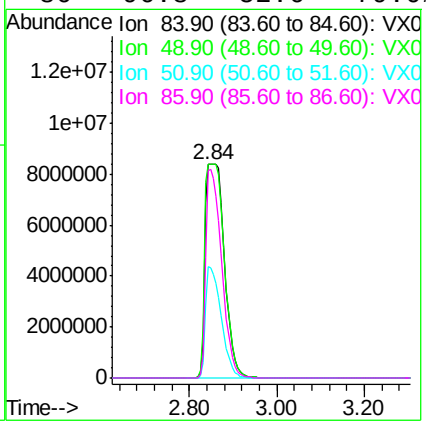


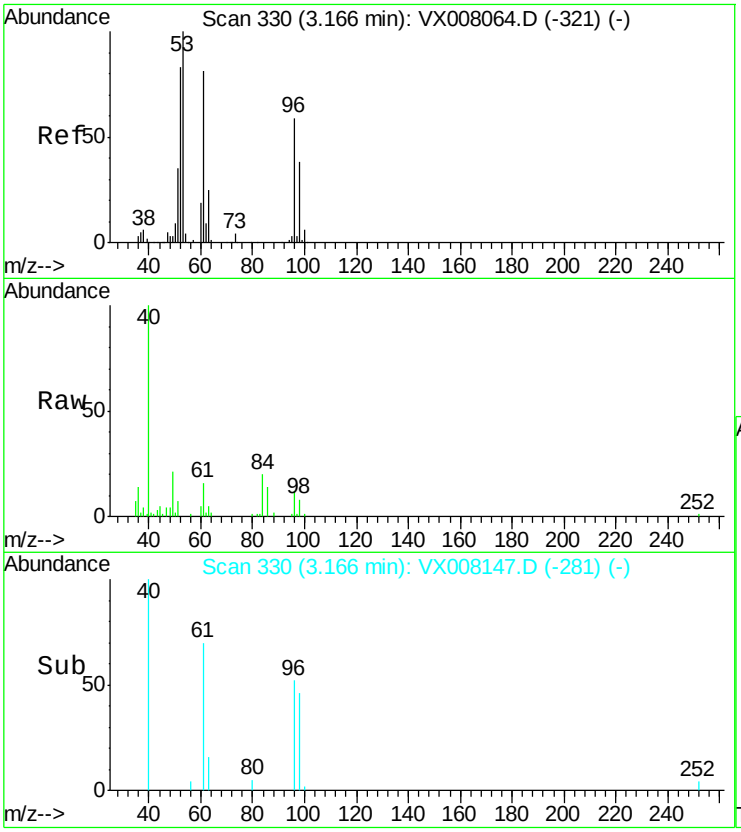


#20
Methylene Chloride
Concen: 9565.995 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 84 Resp:25991439

Ion	Ratio	Lower	Upper
84	100		
49	100.0	99.3	148.9
51	51.9	31.3	46.9#
86	96.8	52.6	79.0#



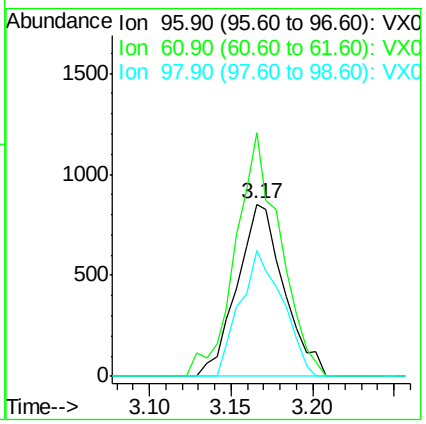


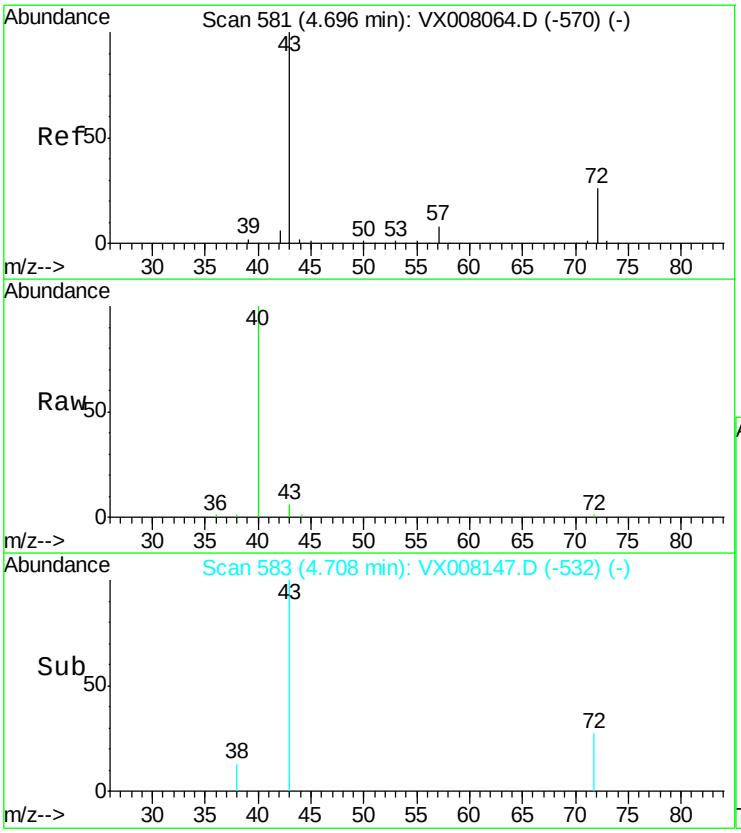
#21
trans-1,2-Dichloroethene
Concen: 0.649 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion: 96 Resp: 1704

Ion	Ratio	Lower	Upper
96	100		
61	141.2	114.4	171.6
98	72.8	51.1	76.7

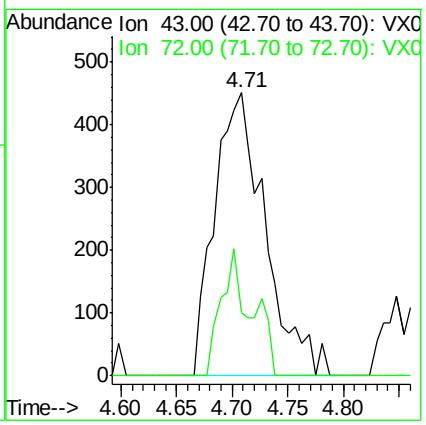


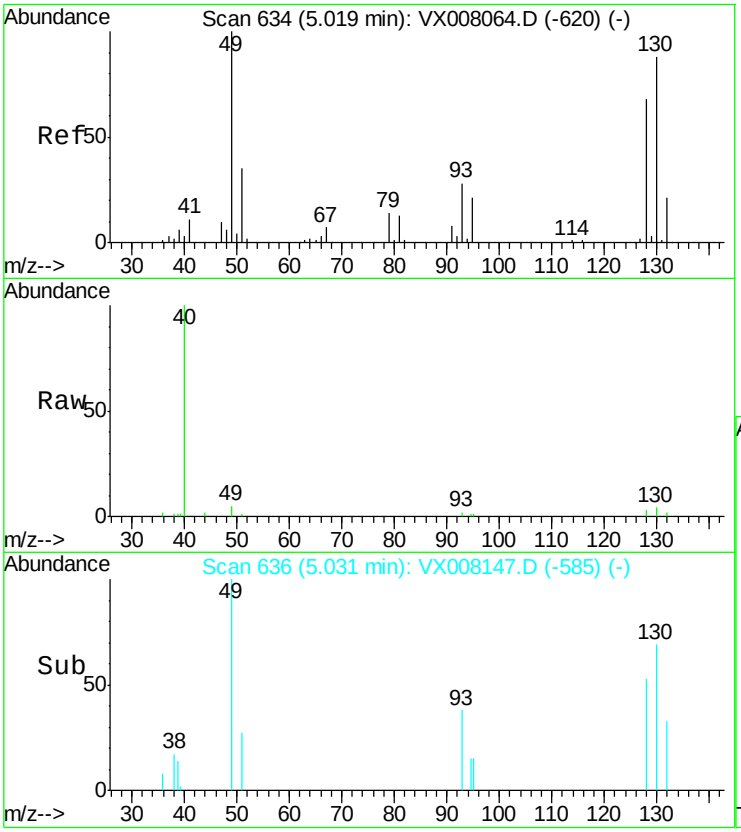


#25
2-Butanone
Concen: 0.612 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 43 Resp: 1428

Ion	Ratio	Lower	Upper
43	100		
72	22.4	19.9	29.9



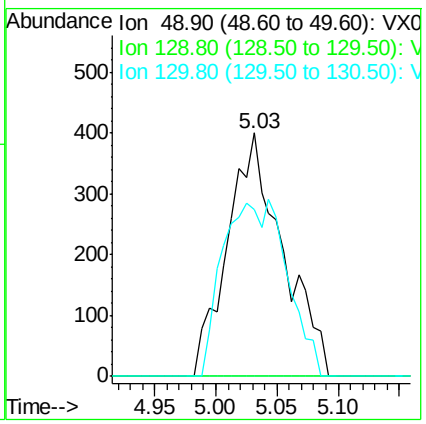


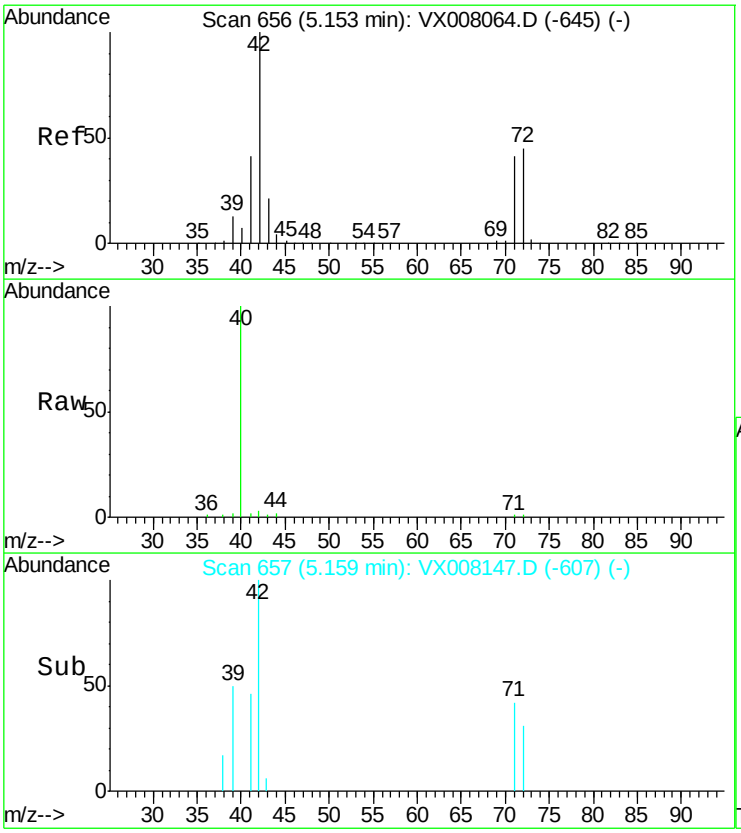
#28
Bromochloromethane
Concen: 0.549 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.01 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument : MSVOA_X
ClientSampleId : AU-05-031419-D

Tgt Ion: 49 Resp: 1252

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	84.4	65.0	97.4

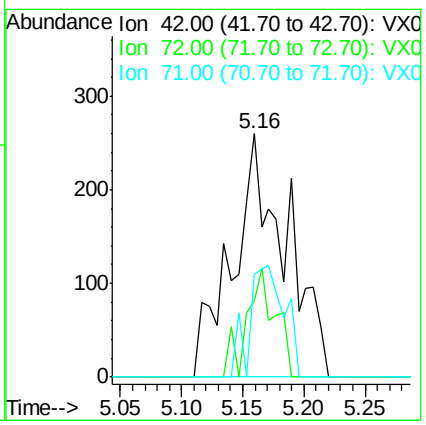


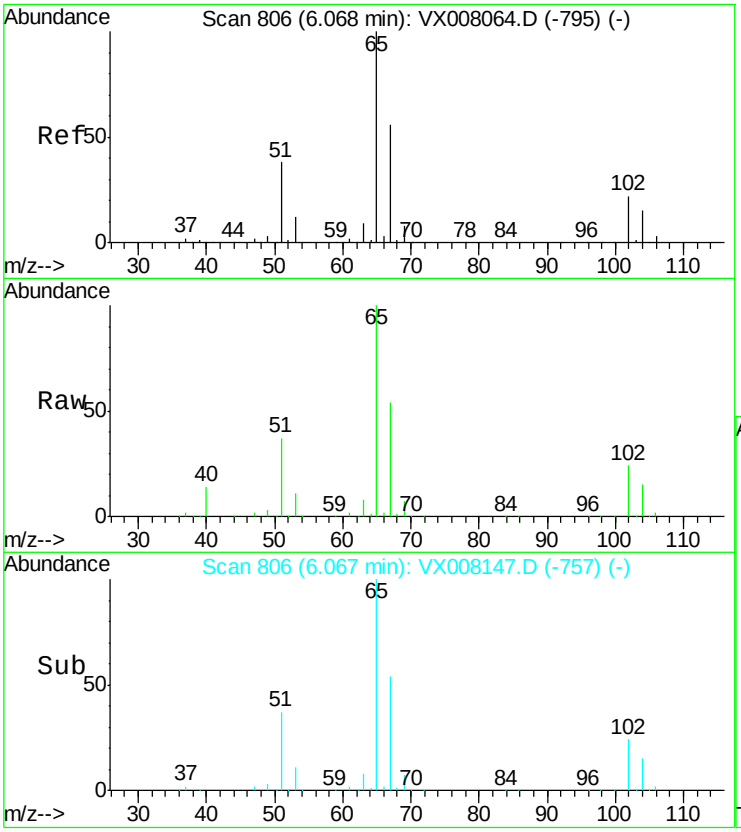


#29
Tetrahydrofuran
Concen: 0.539 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 42 Resp: 786

Ion	Ratio	Lower	Upper
42	100		
72	23.9	33.8	50.6#
71	30.2	31.5	47.3#



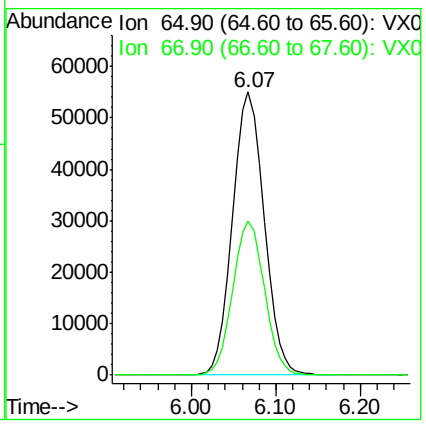


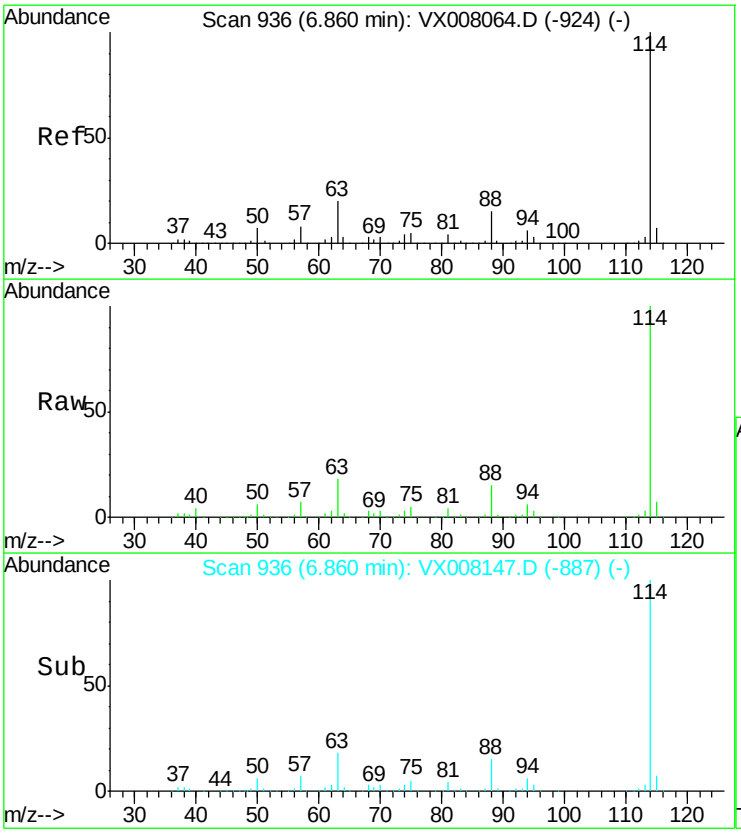
#33
1,2-Dichloroethane-d4
Concen: 43.527 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion: 65 Resp: 140261

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	110.0

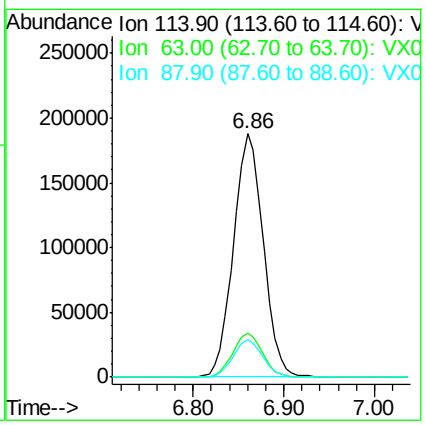


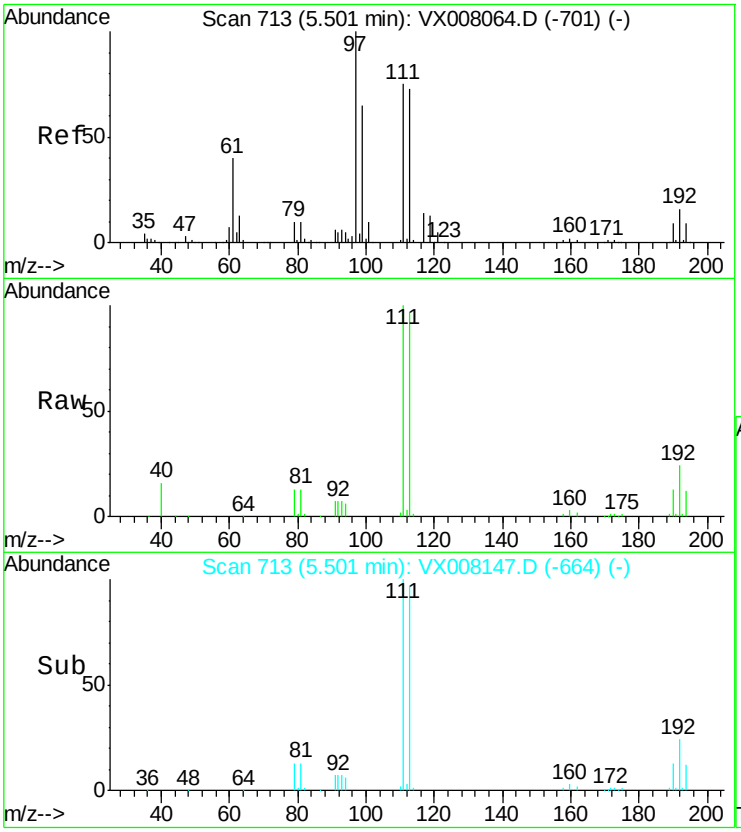


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion:114 Resp: 429482

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.8
88	15.3	0.0	31.4



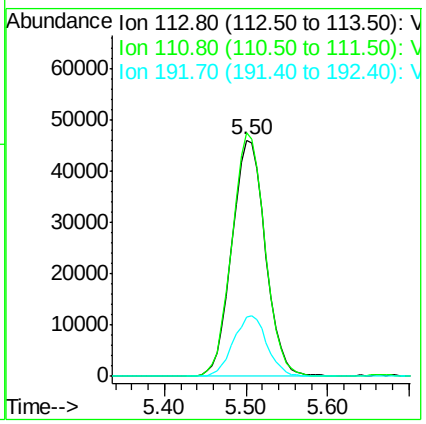


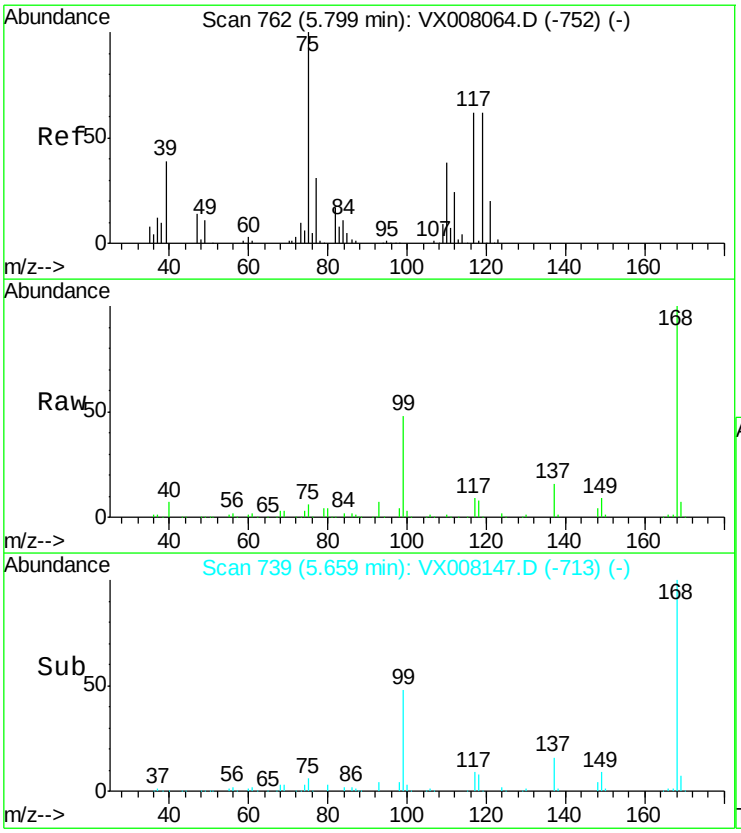
#35
Dibromofluoromethane
Concen: 47.976 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion:113 Resp: 130664

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	25.6	19.4	29.0

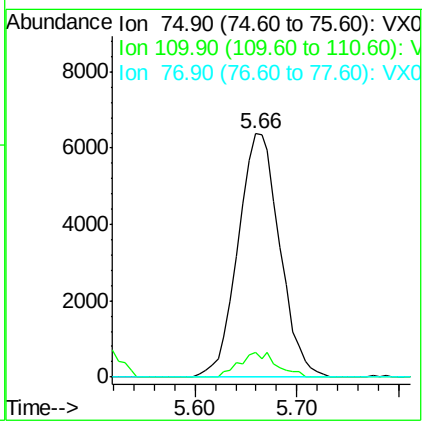


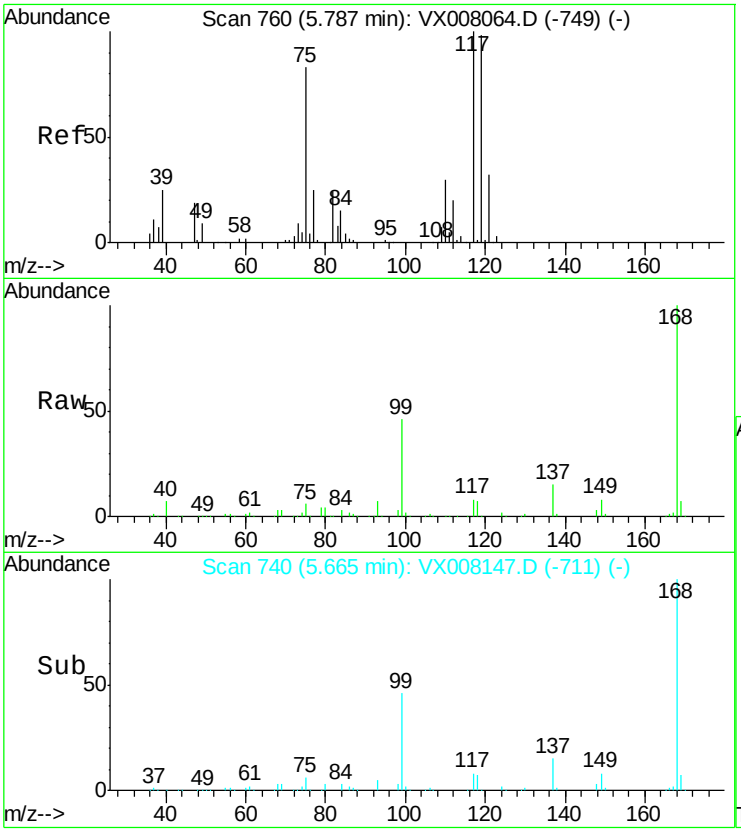


#36
1,1-Dichloropropene
Concen: 5.114 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 75 Resp: 18070

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.4	55.0#
77	0.0	25.0	37.4#



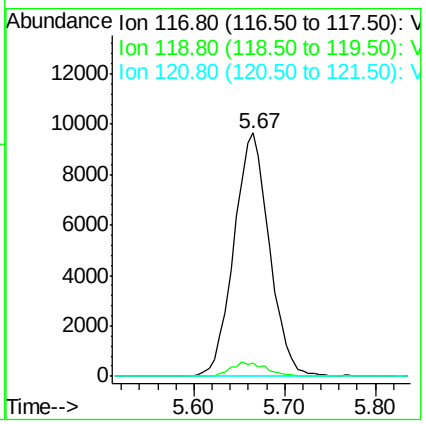


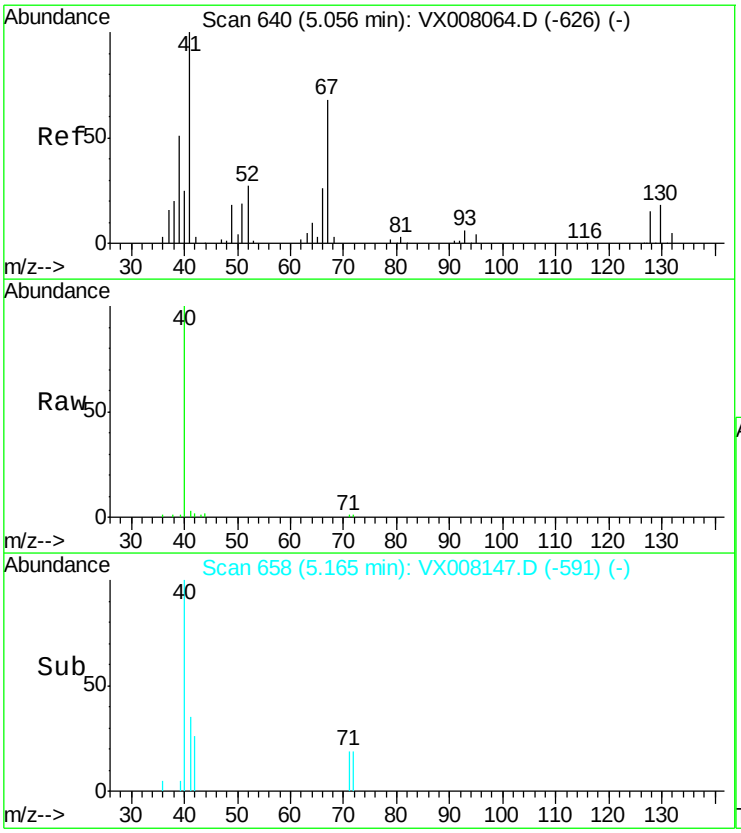
#38
Carbon Tetrachloride
Concen: 7.695 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion:117 Resp: 26171

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.6	36.8#

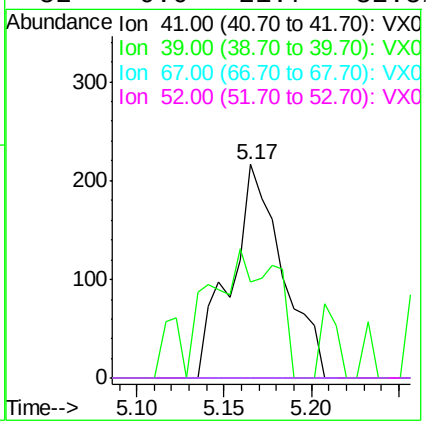


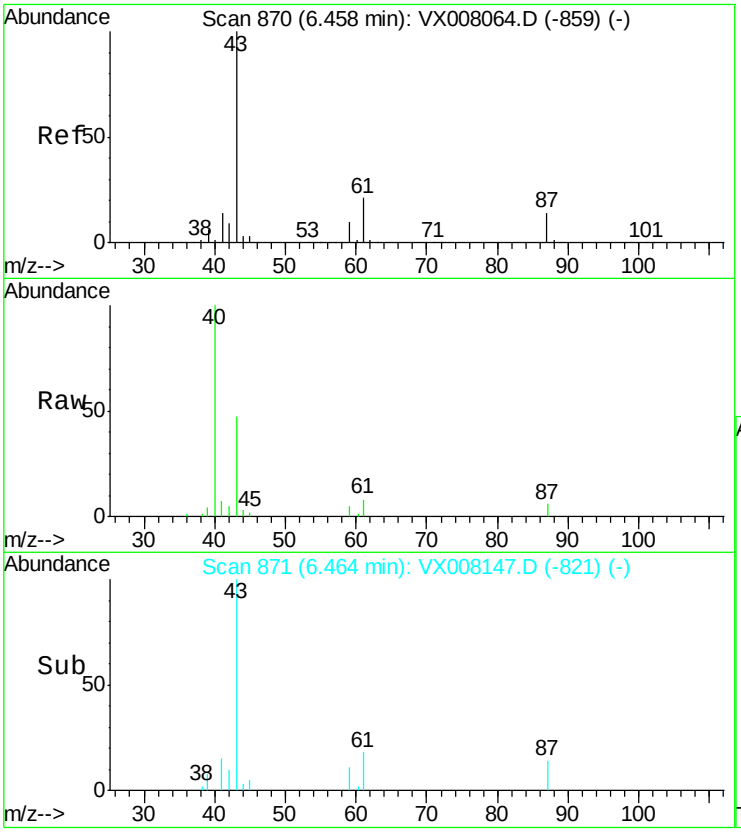


#41
Methacrylonitrile
Concen: 0.202 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.11 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 41 Resp: 447

Ion	Ratio	Lower	Upper
41	100		
39	74.5	41.6	62.4#
67	0.0	55.8	83.6#
52	0.0	21.7	32.5#



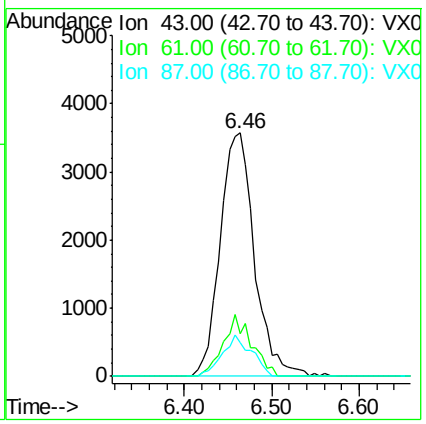


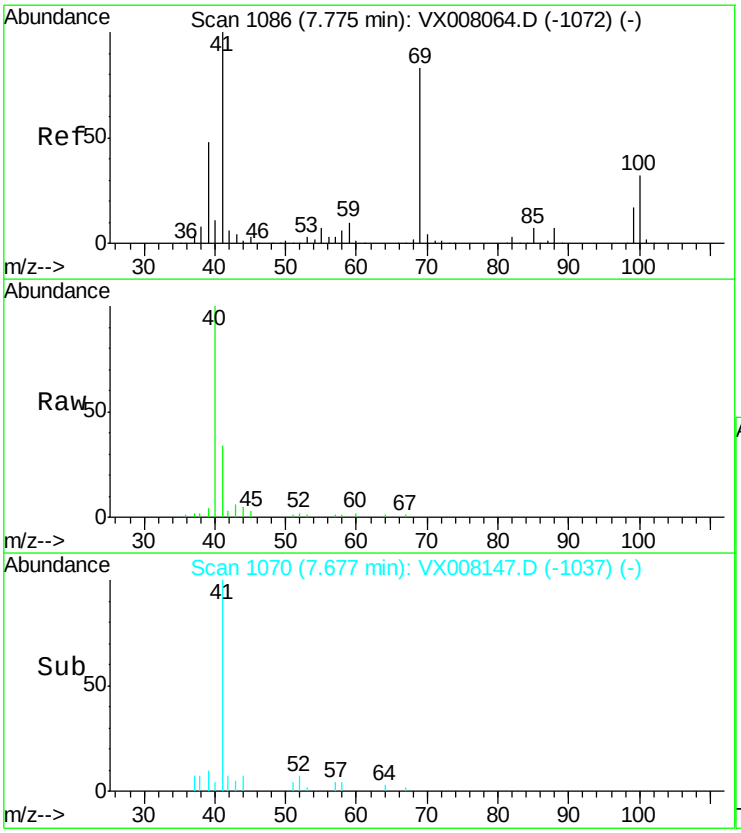
#43
Isopropyl Acetate
Concen: 1.592 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument : MSVOA_X
ClientSampleId : AU-05-031419-D

Tgt Ion: 43 Resp: 9738

Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.3	24.5
87	14.2	10.5	15.7

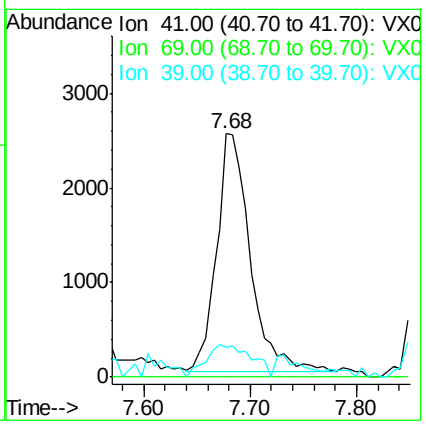


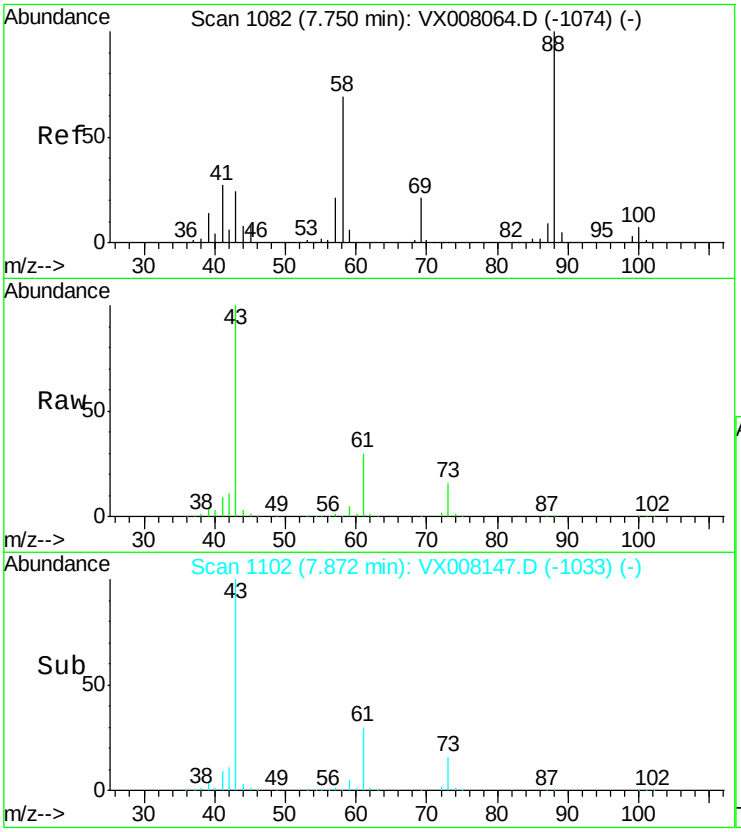


#48
Methyl methacrylate
Concen: 1.748 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.10 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 41 Resp: 5583

Ion	Ratio	Lower	Upper
41	100		
69	0.0	65.2	97.8#
39	0.0	39.4	59.2#



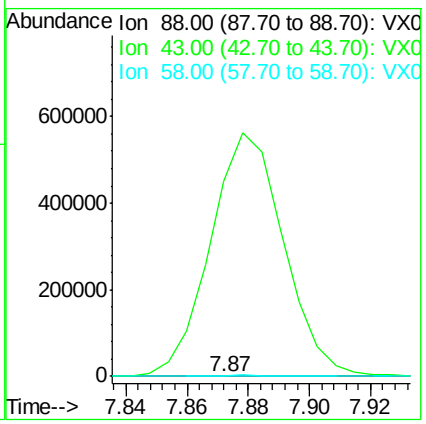


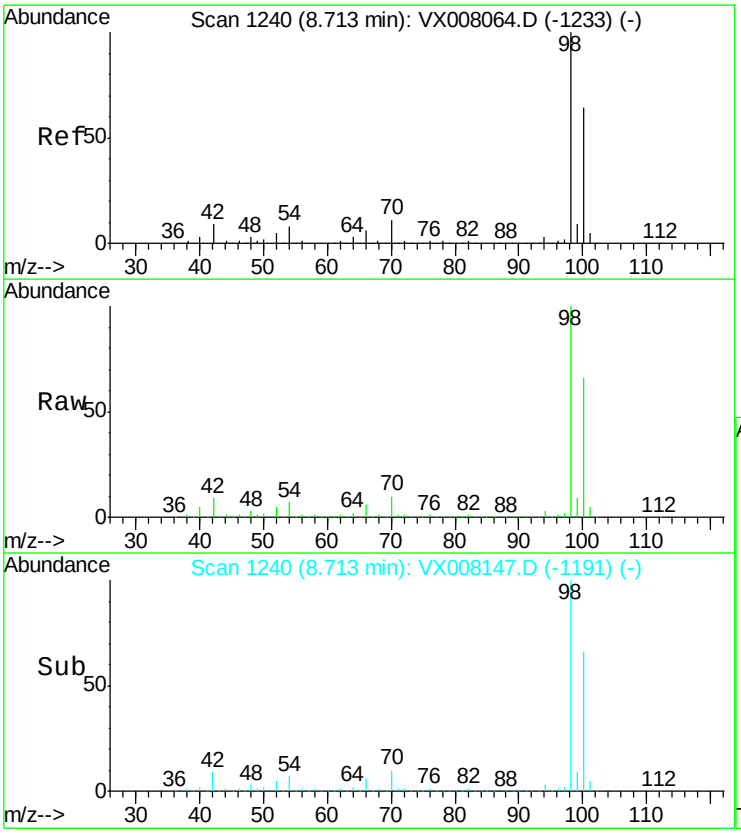
#49
1,4-Dioxane
Concen: 2.845 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.12 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument : MSVOA_X
ClientSampleId : AU-05-031419-D

Tgt Ion: 88 Resp: 196

Ion	Ratio	Lower	Upper
88	100		
43	480006.1	25.1	37.7#
58	2119.9	57.8	86.6#

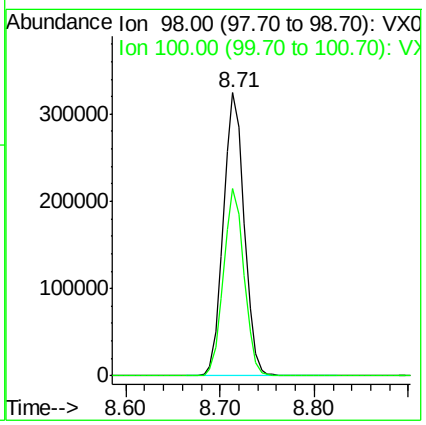


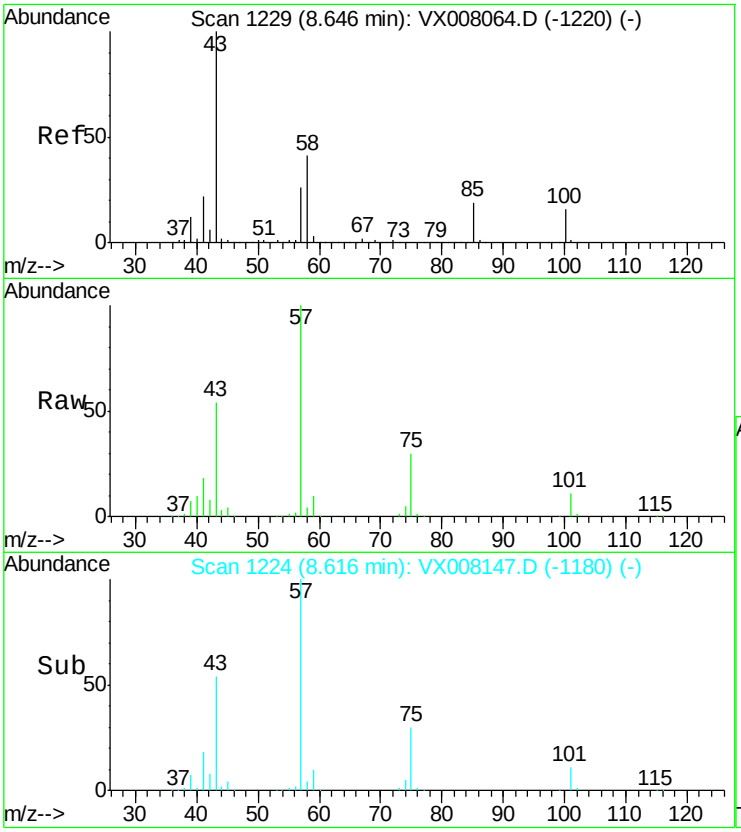


#50
Toluene-d8
Concen: 48.028 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 98 Resp: 497494

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5



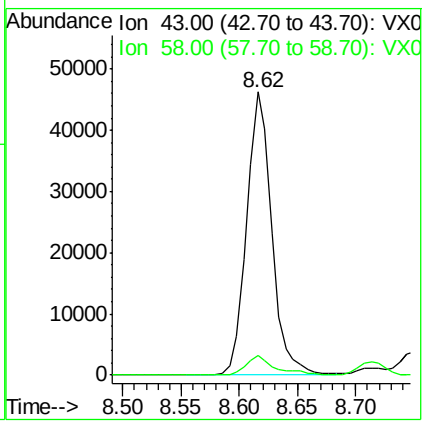


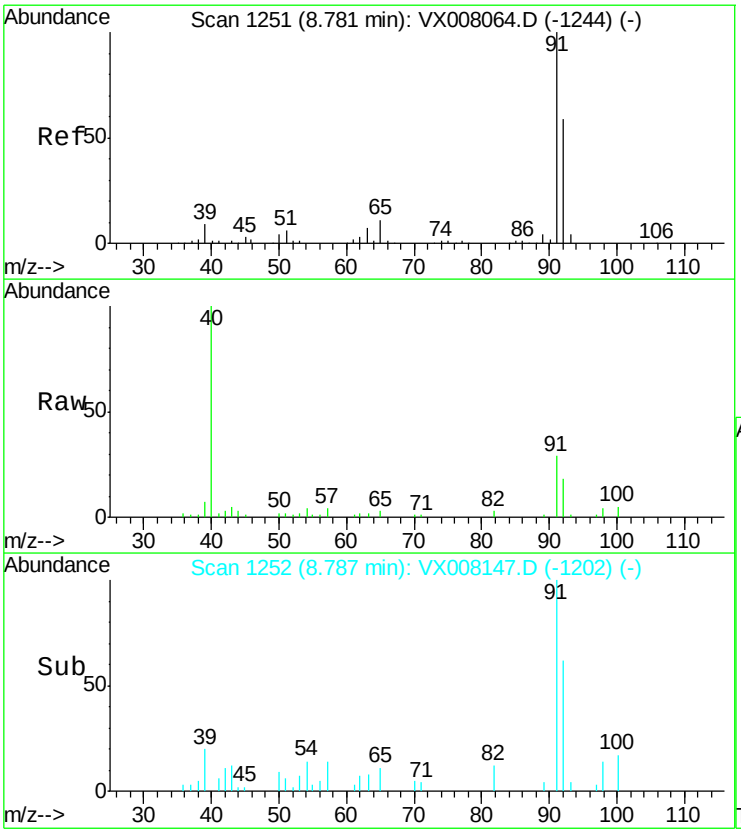
#51
4-Methyl-2-Pentanone
Concen: 17.269 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion: 43 Resp: 69605

Ion	Ratio	Lower	Upper
43	100		
58	8.1	31.3	46.9#

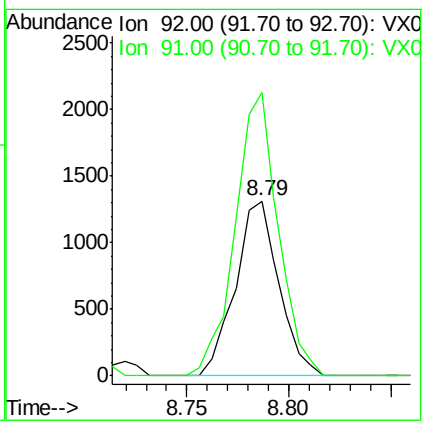


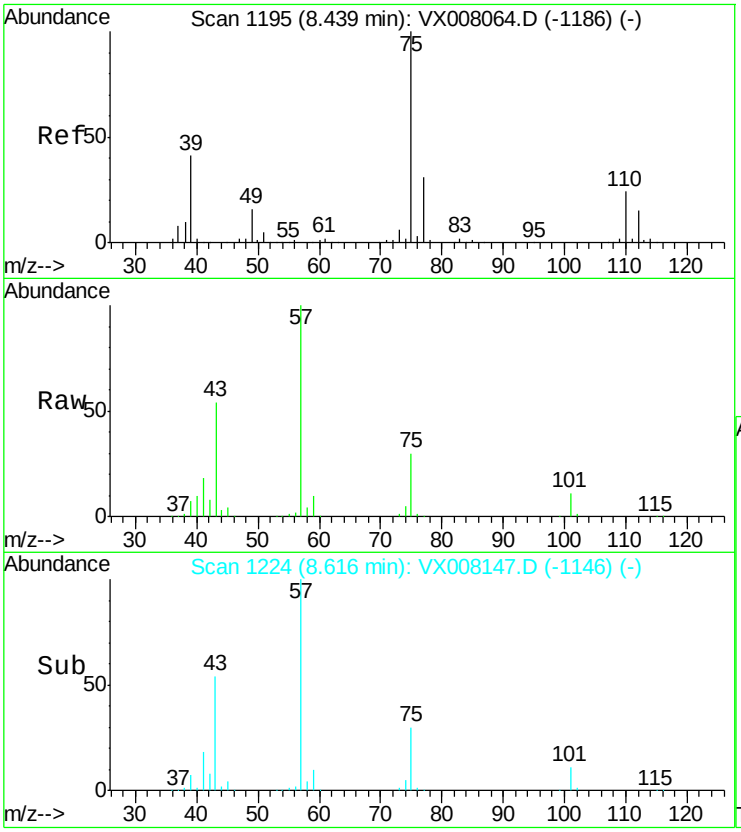


#52
Toluene
Concen: 0.283 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 92 Resp: 1948

Ion	Ratio	Lower	Upper
92	100		
91	159.9	137.4	206.0



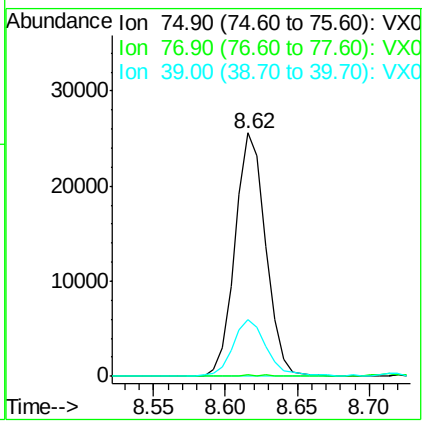


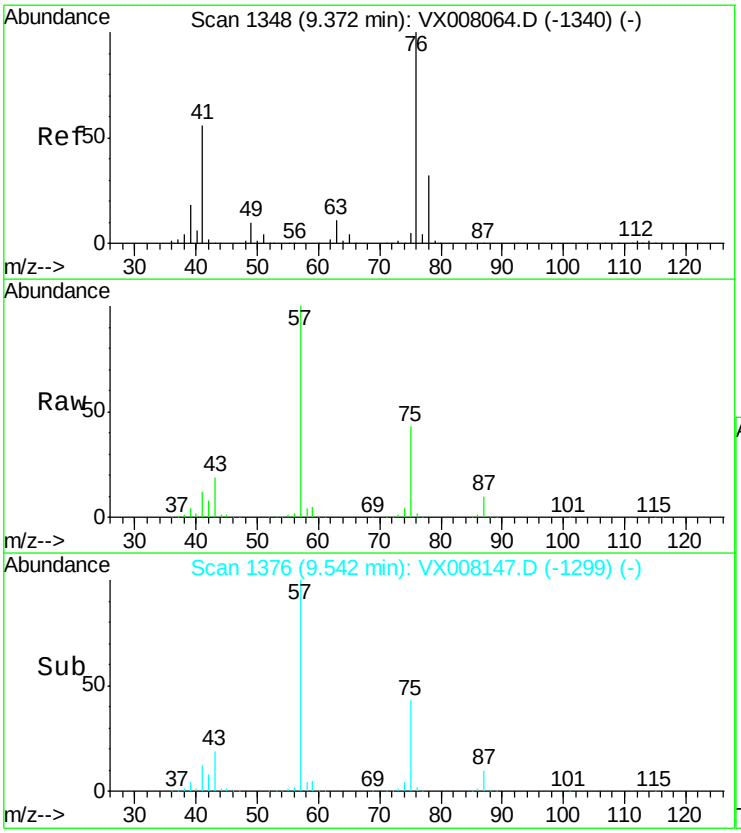
#54
cis-1,3-Dichloropropene
Concen: 9.147 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument : MSVOA_X
ClientSampleId : AU-05-031419-D

Tgt Ion: 75 Resp: 37932

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.0	37.6#
39	22.8	36.6	54.8#

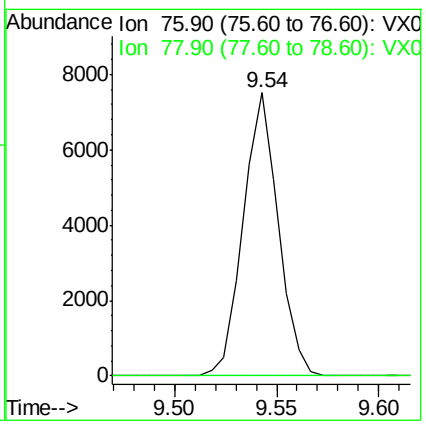


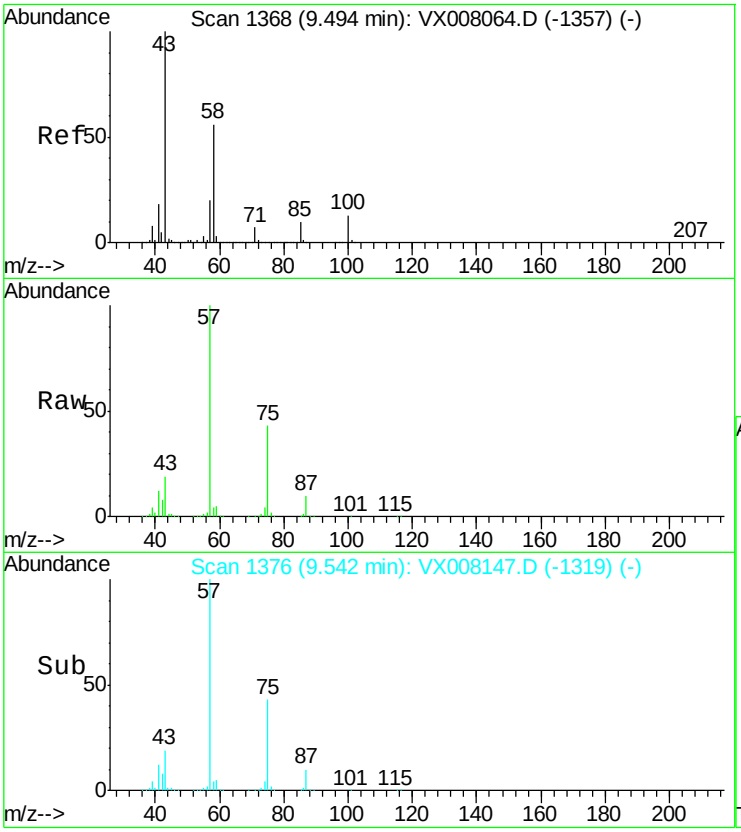


#57
1,3-Dichloropropane
Concen: 1.935 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 76 Resp: 8971

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



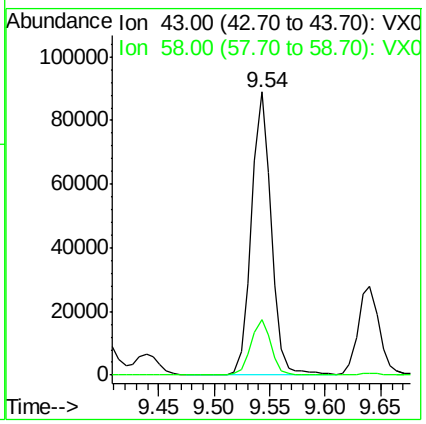


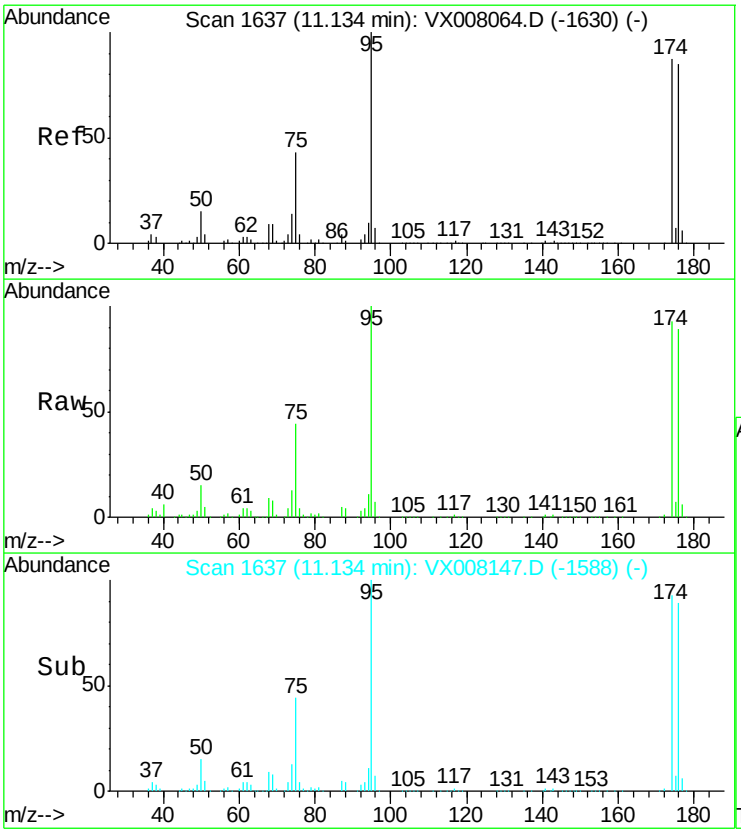
#59
2-Hexanone
Concen: 34.911 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion: 43 Resp: 110046

Ion	Ratio	Lower	Upper
43	100		
58	20.5	27.6	82.7#

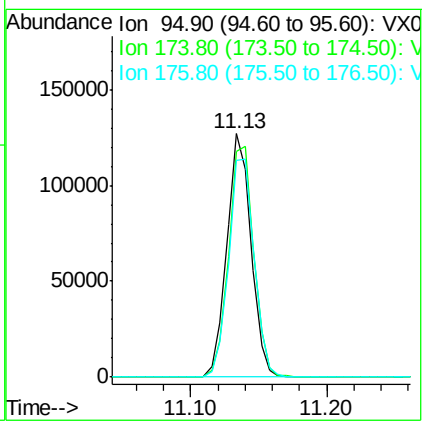


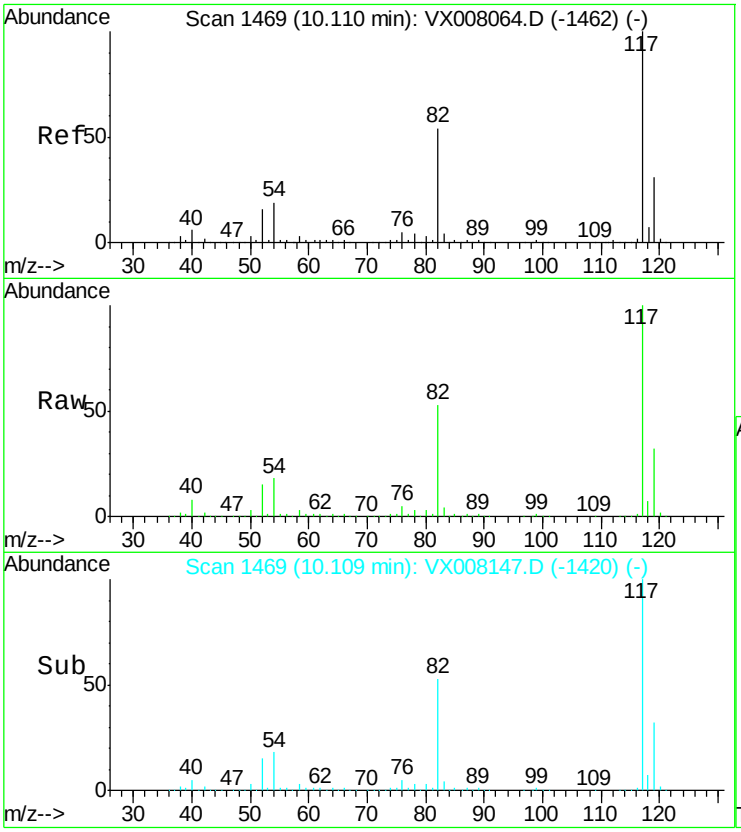


#62
4-Bromofluorobenzene
Concen: 42.113 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 95 Resp: 156270

Ion	Ratio	Lower	Upper
95	100		
174	99.4	0.0	182.8
176	95.3	0.0	178.0



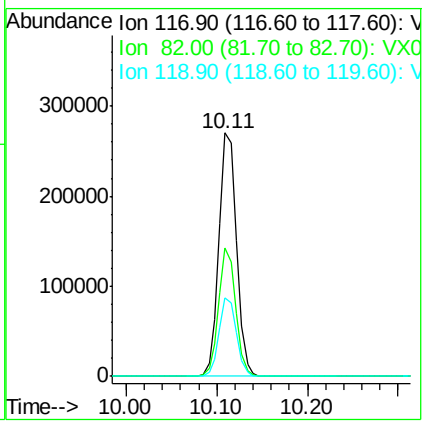


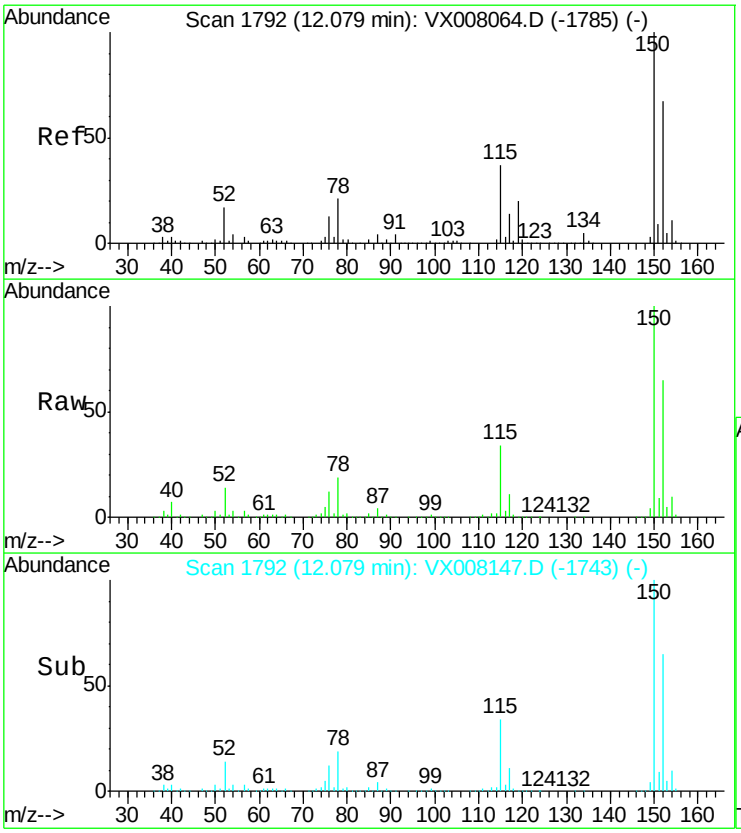
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument : MSVOA_X
ClientSampleId : AU-05-031419-D

Tgt Ion:117 Resp: 368290

Ion	Ratio	Lower	Upper
117	100		
82	52.7	44.3	66.5
119	32.3	25.3	37.9

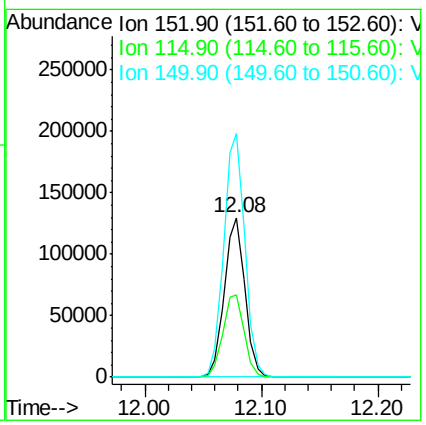


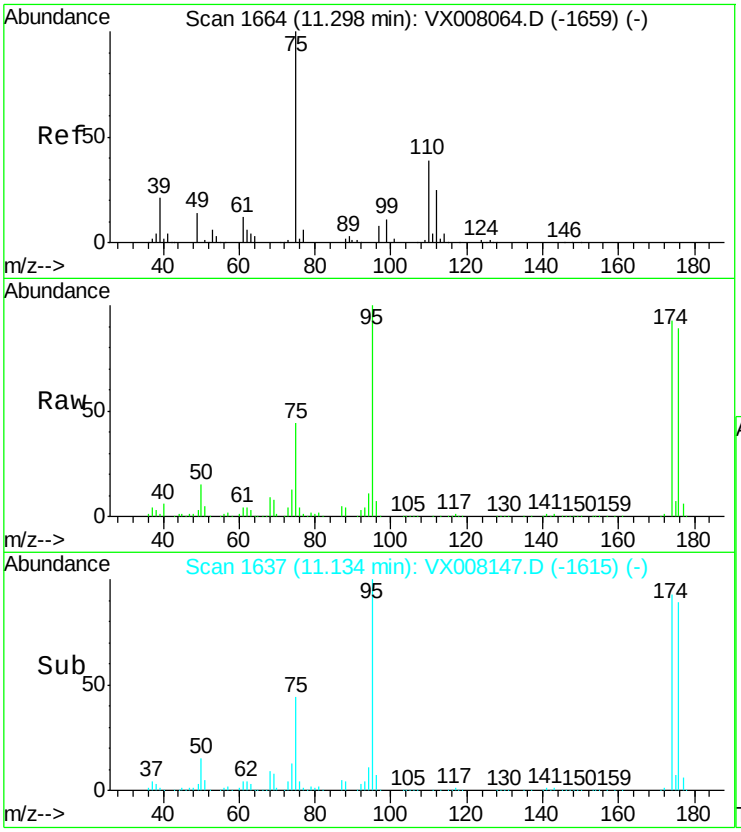


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion:152 Resp: 157447

Ion	Ratio	Lower	Upper
152	100		
115	53.8	38.6	115.7
150	156.9	0.0	348.4



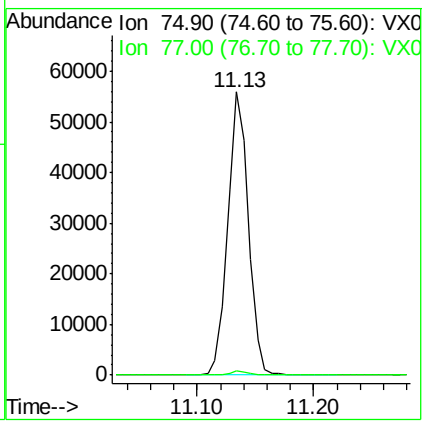


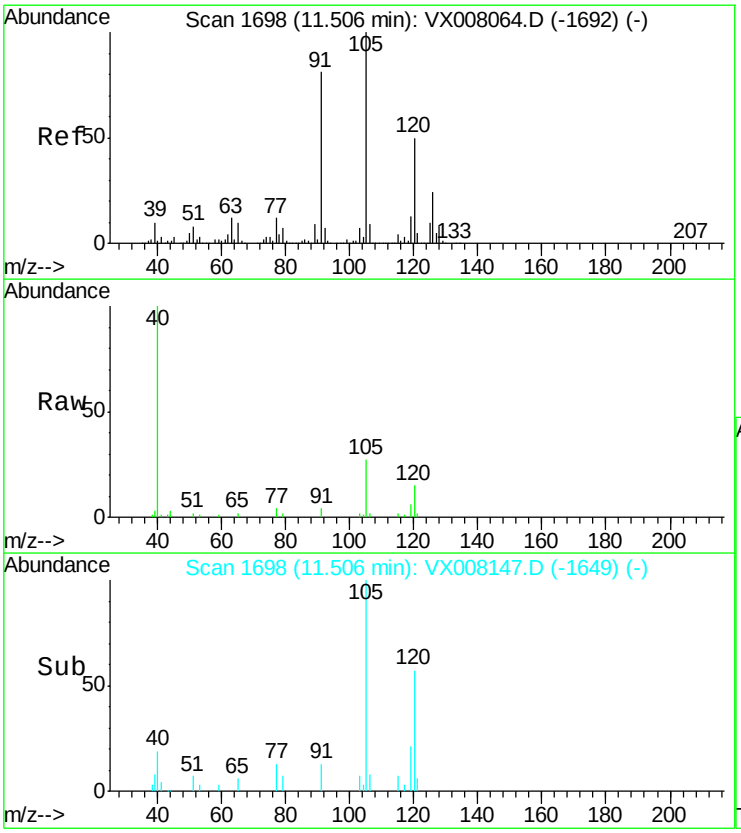
#76
1,2,3-Trichloropropane
Concen: 25.141 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion: 75 Resp: 68745

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.9	56.7#

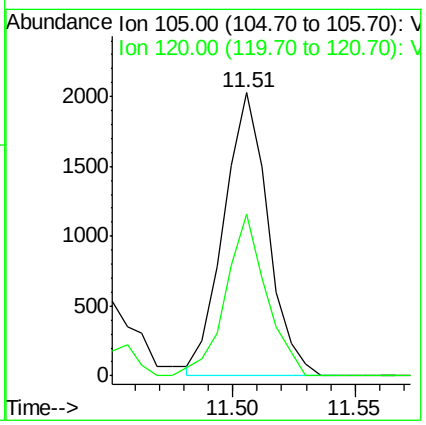


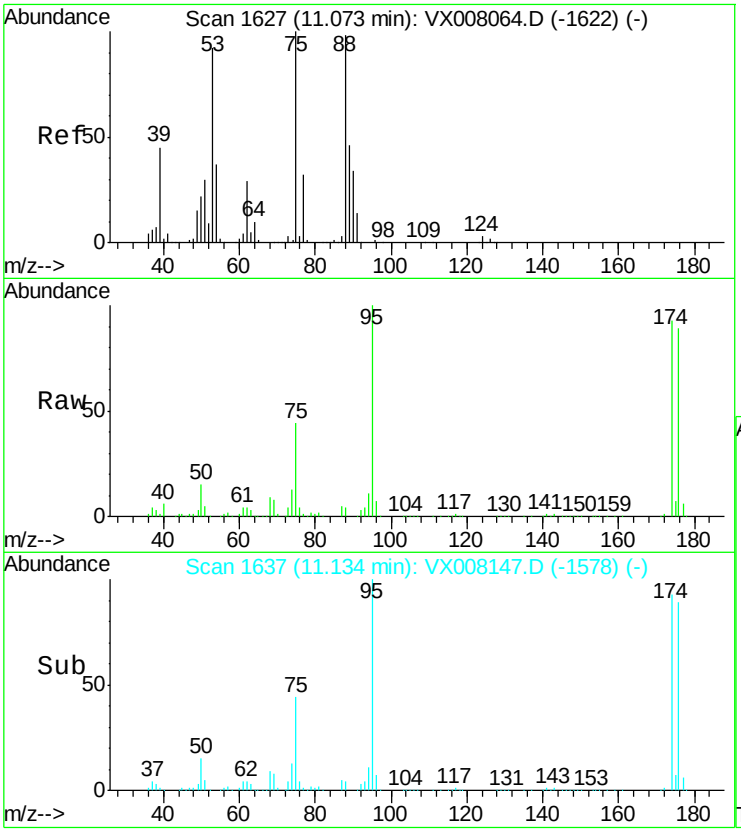


#80
1,3,5-Trimethylbenzene
Concen: 0.307 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion:105 Resp: 2552

Ion	Ratio	Lower	Upper
105	100		
120	52.2	24.9	74.6



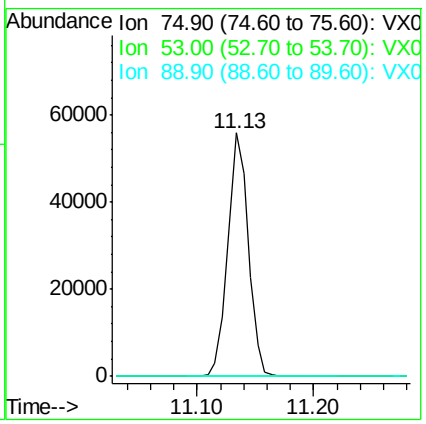


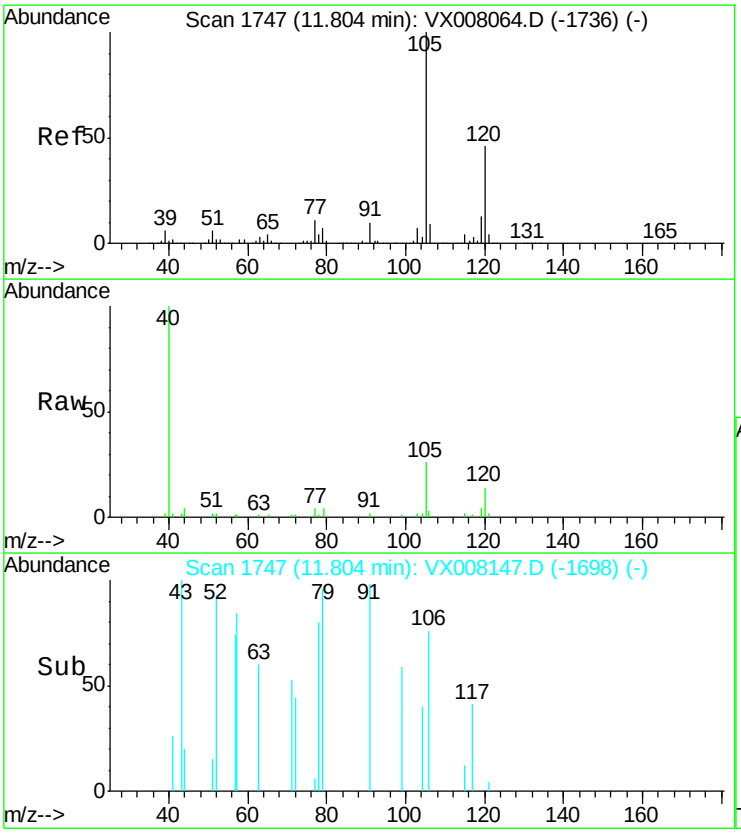
#81
trans-1,4-Dichloro-2-butene
Concen: 71.542 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument : MSVOA_X
ClientSampleId : AU-05-031419-D

Tgt Ion: 75 Resp: 68745

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.1	36.3	54.5#

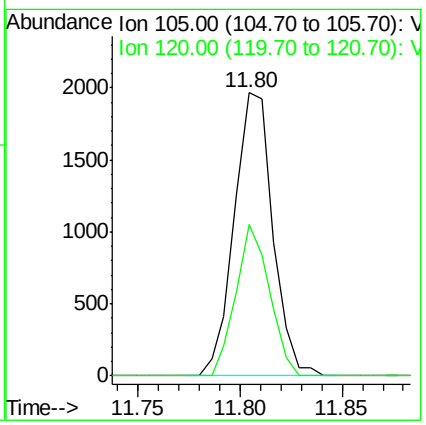


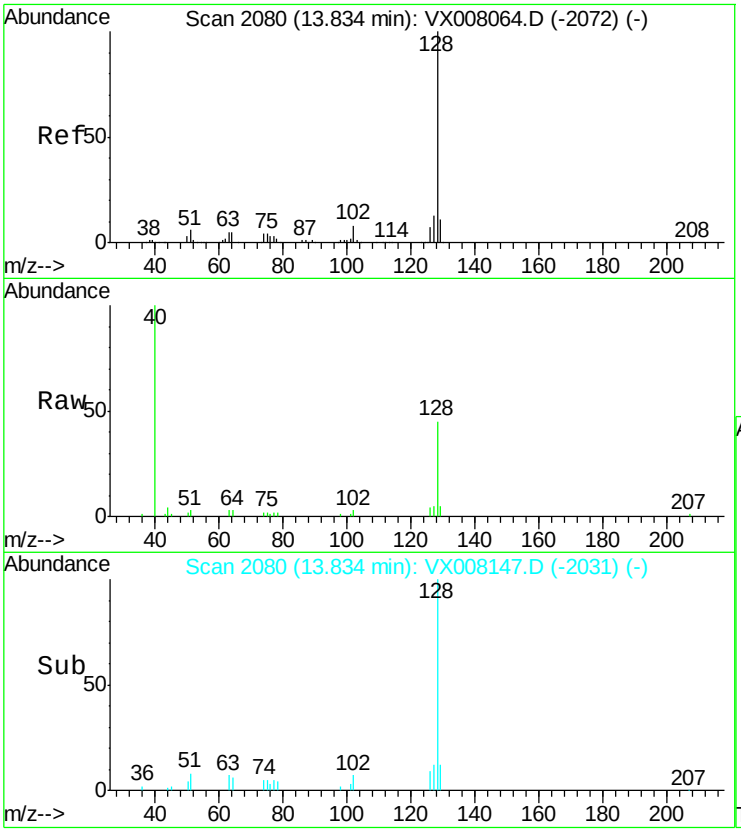


#84
1,2,4-Trimethylbenzene
Concen: 0.300 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion:105 Resp: 2575

Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.6	67.7





#95
Naphthalene
Concen: 0.488 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

Tgt Ion:128 Resp: 4720

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.0	8.7	13.1