Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100719\
Data File : VX012874.D
Acq On : 08 Oct 2019 06:23
Operator : JC/SP
Sample : K5122-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-CHY02

Quant Time: Oct 08 11:18:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	178822	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	300820	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	263330	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109559	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	121219	46.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.10%				
35) Dibromofluoromethane	5.49	113	90522	50.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.06%				
50) Toluene-d8	8.71	98	359096	52.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.10%				
62) 4-Bromofluorobenzene	11.14	95	128572	47.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.78%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	871	0.377	ug/l	#	85
5) Bromomethane	1.65	94	215	0.238	ug/l	#	55
6) Chloroethane	1.61	64	1234	0.797	ug/l	#	45
10) Methyl Iodide	2.51	142	21	4.962	ug/l	#	35
11) Tert butyl alcohol	3.03	59	2705	4.158	ug/l		95
13) Acrolein	2.28	56	302	11.032	ug/l	#	73
14) Allyl chloride	2.59	41	8582	2.250	ug/l	#	63
16) Acetone	2.43	43	46072	33.403	ug/l		97
17) Carbon Disulfide	2.56	76	2201	0.408	ug/l	#	86
18) Methyl Acetate	2.59	43	22539	6.940	ug/l	#	54
25) 2-Butanone	4.67	43	10261	5.188	ug/l		100
27) cis-1,2-Dichloroethene	4.59	96	4103	1.660	ug/l		85
29) Tetrahydrofuran	5.15	42	314	0.260	ug/l	#	34
31) Cyclohexane	5.65	56	3878	1.070	ug/l	#	17
36) 1,1-Dichloropropene	5.65	75	14381	4.960	ug/l	#	51
37) Ethyl Acetate	4.67	43	10261	3.027	ug/l	#	69
38) Carbon Tetrachloride	5.65	117	18600	6.315	ug/l	#	17
41) Methacrylonitrile	5.12	41	575	0.302	ug/l	#	42
44) Trichloroethene	7.21	130	4381	2.009	ug/l		87
59) 2-Hexanone	9.50	43	4445	1.659	ug/l		92
74) N-amyl acetate	10.91	43	928	0.218	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	63530	21.921	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	63530	62.821	ug/l	#	8

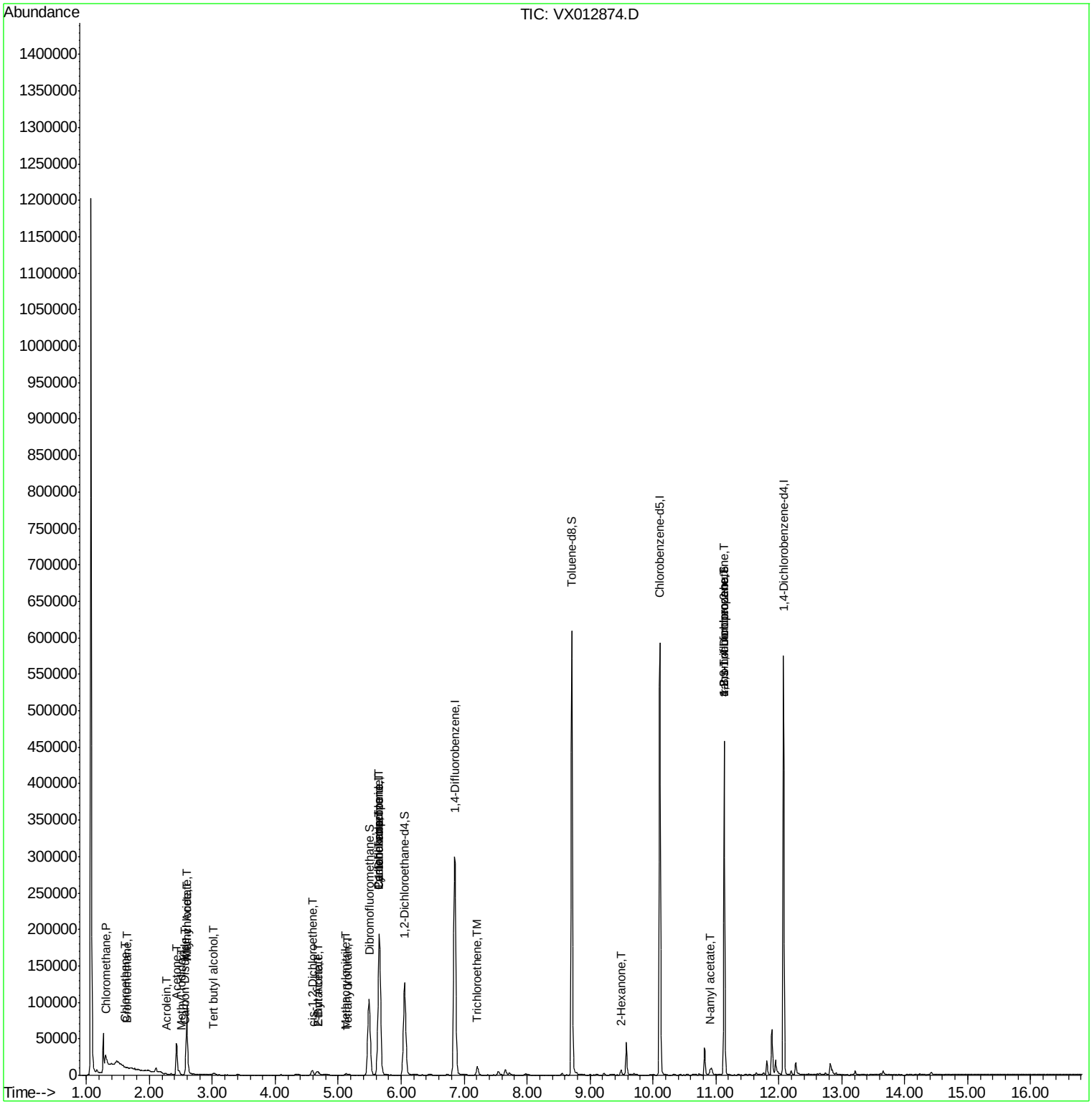
(#) = qualifier out of range (m) = manual integration (+) = signals summed

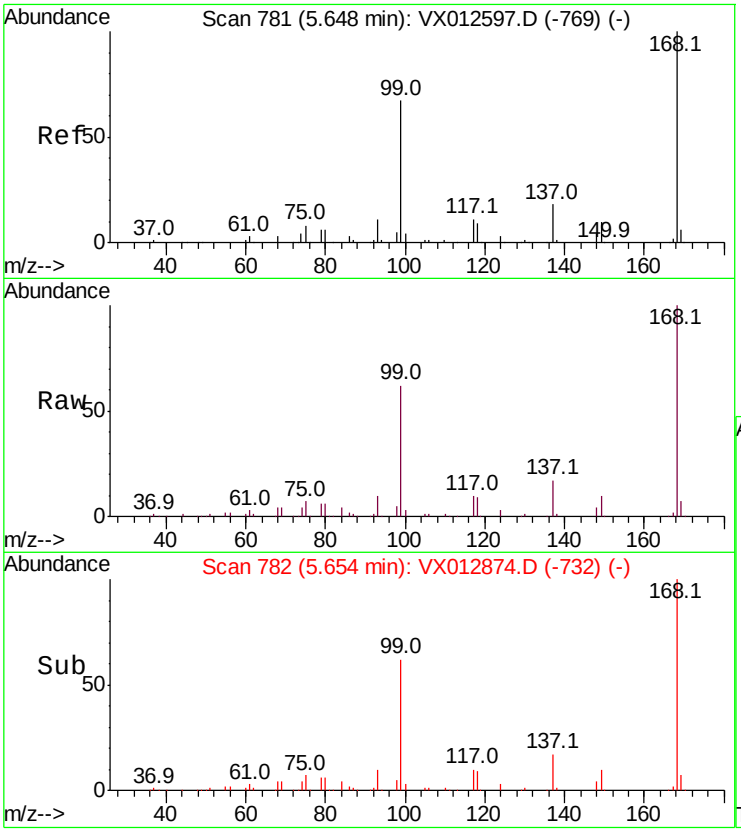
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
Data File : VX012874.D
Acq On : 08 Oct 2019 06:23
Operator : JC/SP
Sample : K5122-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY02

Quant Time: Oct 08 11:18:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



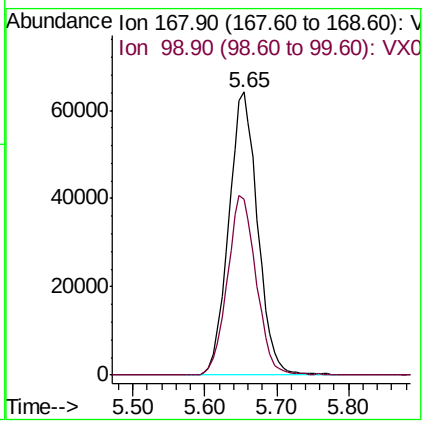


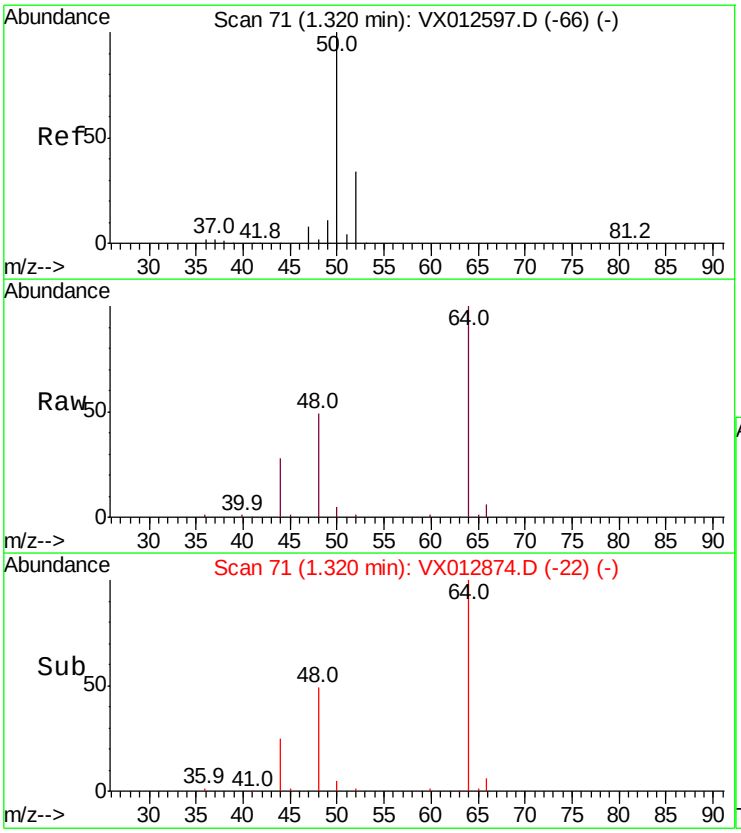
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument : MSVOA_X
ClientSampleId : FA19-CHY02

Tgt Ion:168 Resp: 178822

Ion	Ratio	Lower	Upper
168	100		
99	62.1	51.4	77.2

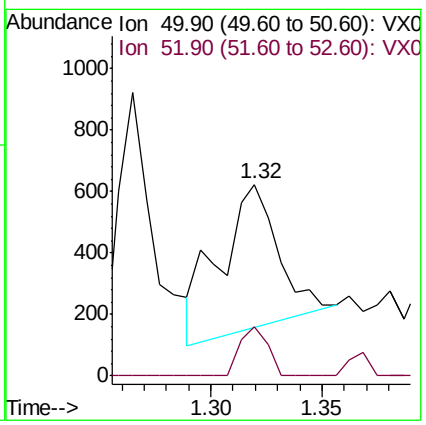


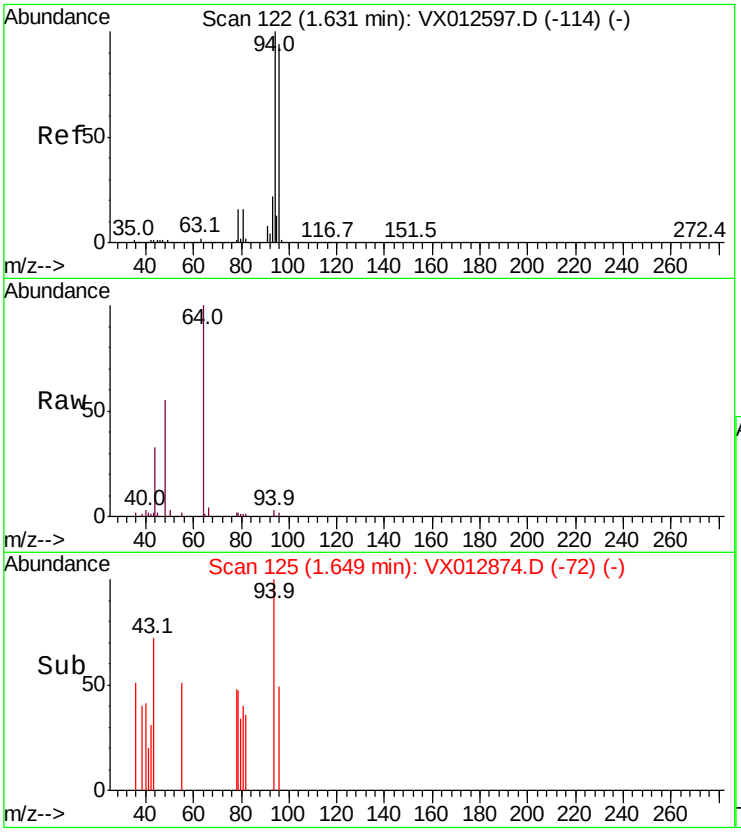


#3
Chloromethane
Concen: 0.377 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 50 Resp: 871

Ion	Ratio	Lower	Upper
50	100		
52	40.7	25.7	38.5#



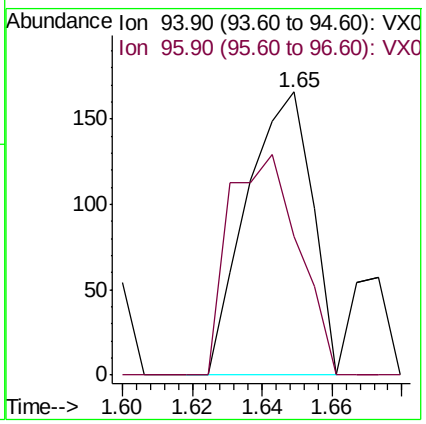


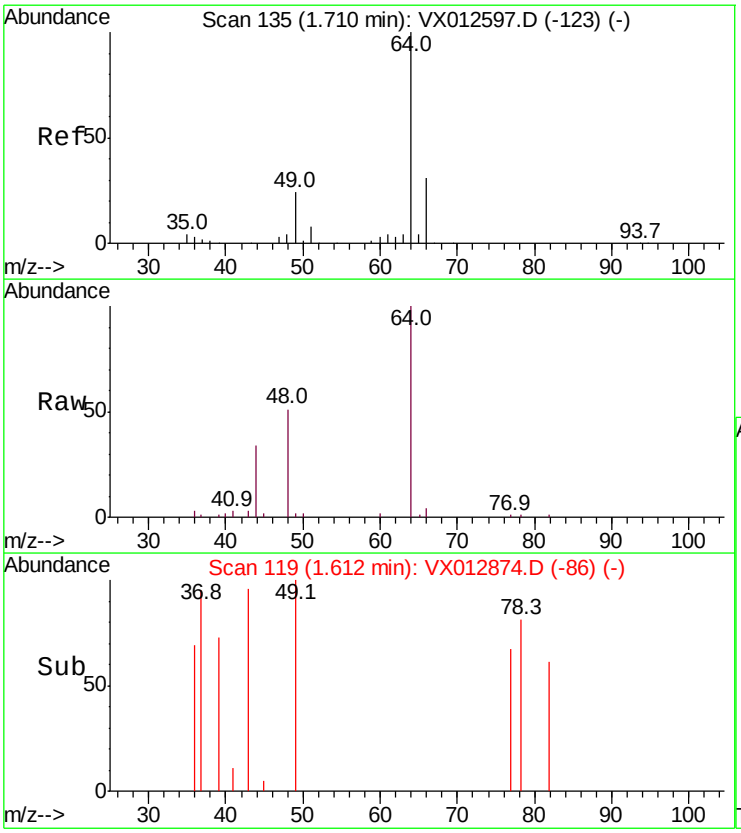
#5
Bromomethane
Concen: 0.238 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY02

Tgt Ion: 94 Resp: 215

Ion	Ratio	Lower	Upper
94	100		
96	48.8	72.8	109.2#

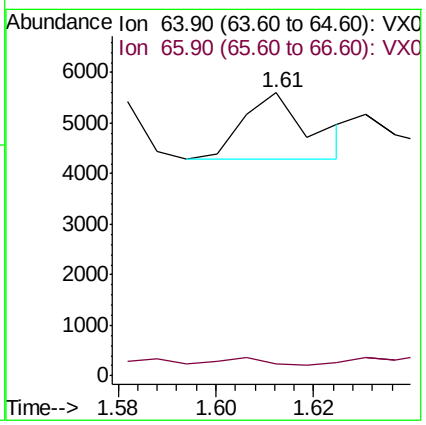


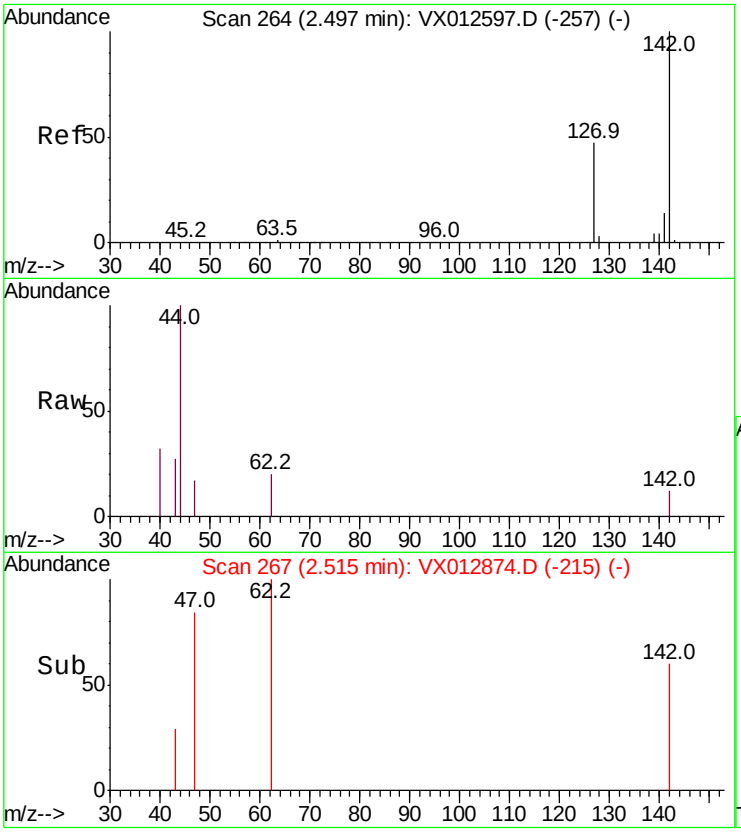


#6
Chloroethane
Concen: 0.797 ug/l
RT: 1.61 min Scan# 119
Delta R.T. -0.10 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 64 Resp: 1234

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#



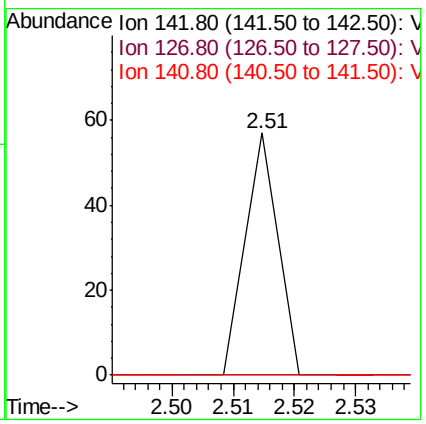


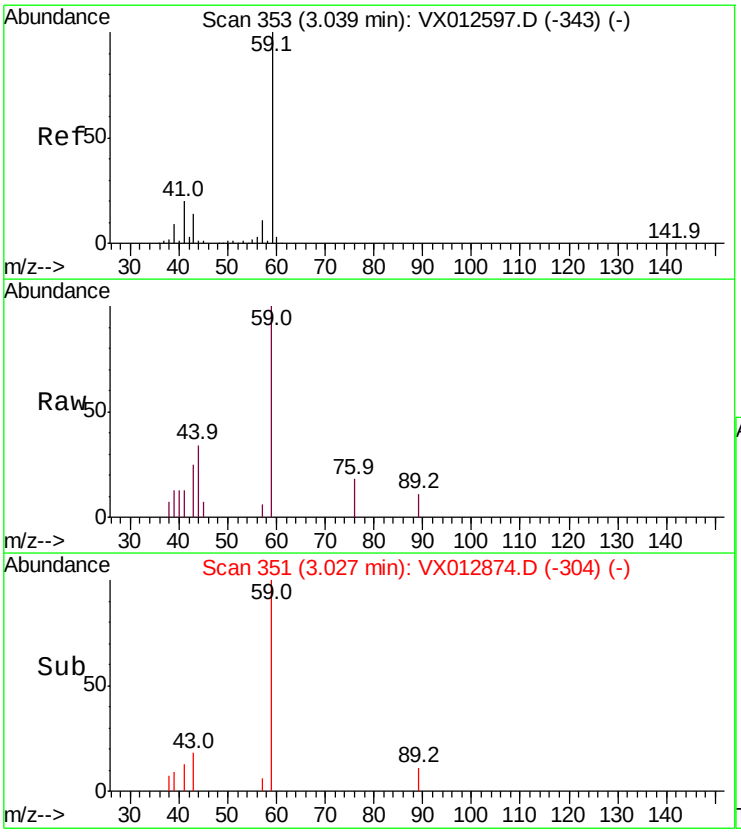
#10
Methyl Iodide
Concen: 4.962 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument : MSVOA_X
ClientSampleId : FA19-CHY02

Tgt Ion:142 Resp: 21

Ion	Ratio	Lower	Upper
142	100		
127	0.0	40.8	61.2#
141	0.0	12.1	18.1#

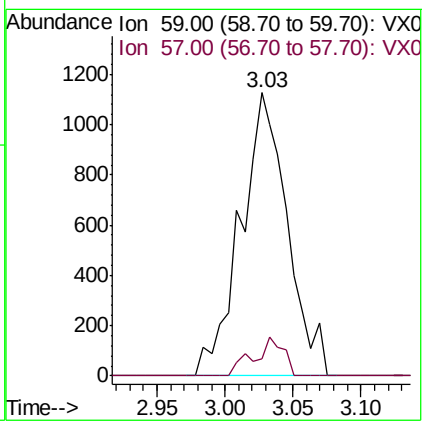


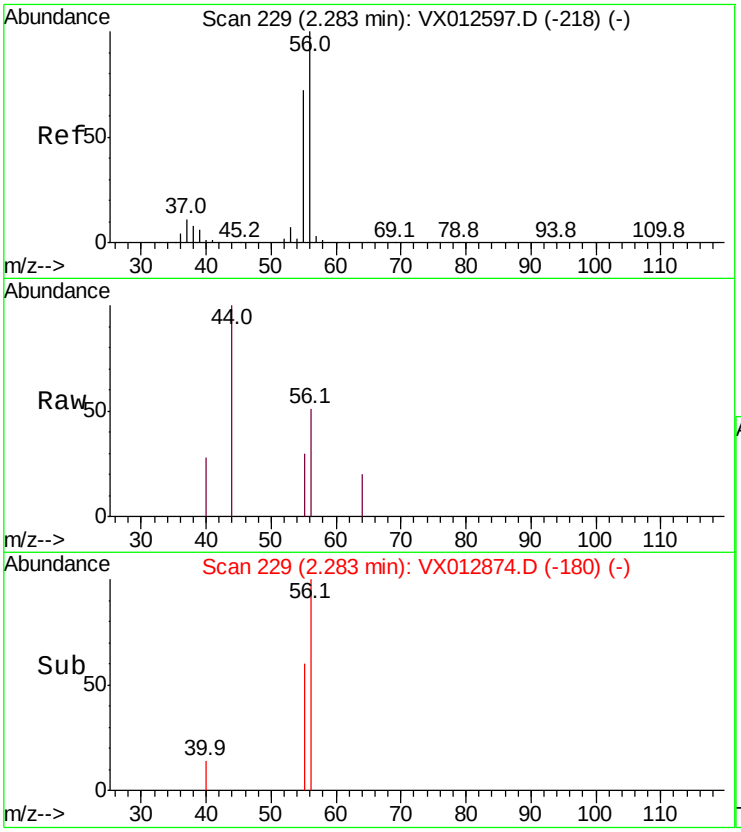


#11
Tert butyl alcohol
Concen: 4.158 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 59 Resp: 2705

Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.3	12.5



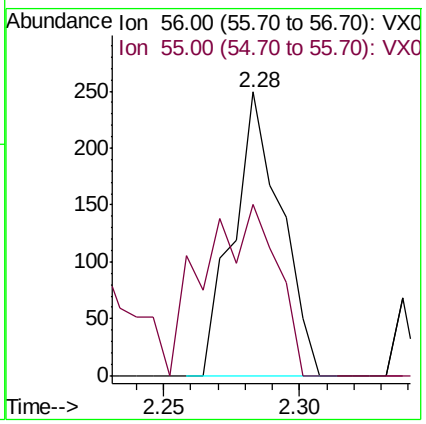


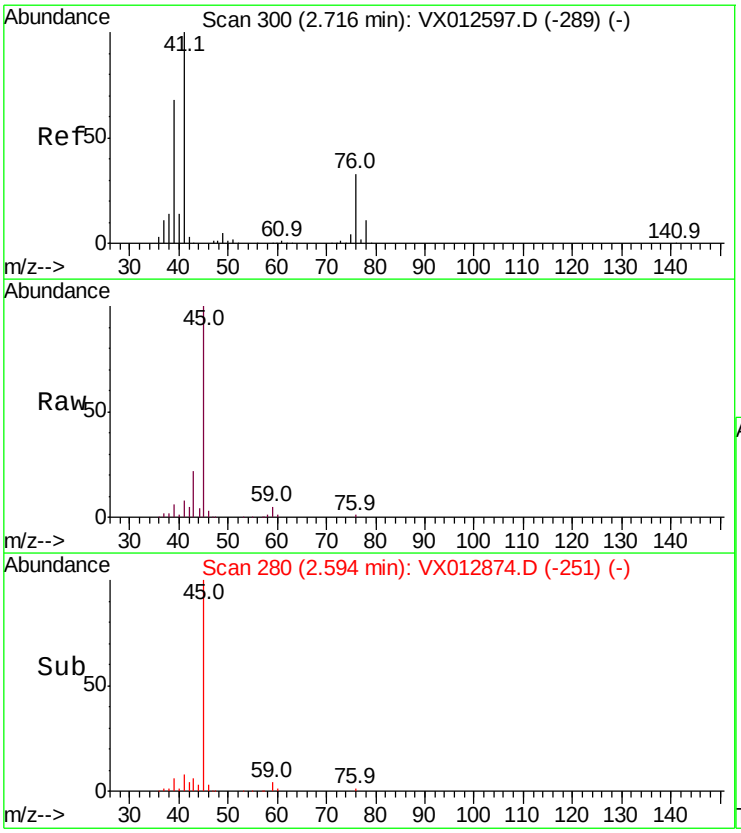
#13
Acrolein
Concen: 11.032 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument : MSVOA_X
ClientSampleId : FA19-CHY02

Tgt Ion: 56 Resp: 302

Ion	Ratio	Lower	Upper
56	100		
55	92.1	55.8	83.8#

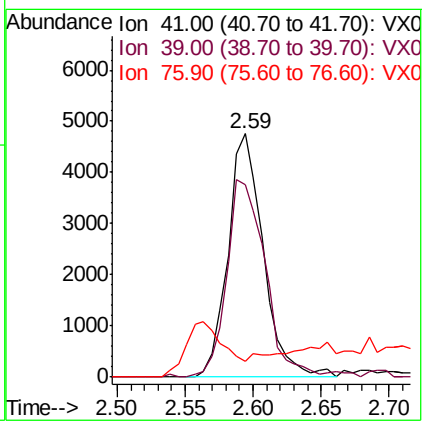


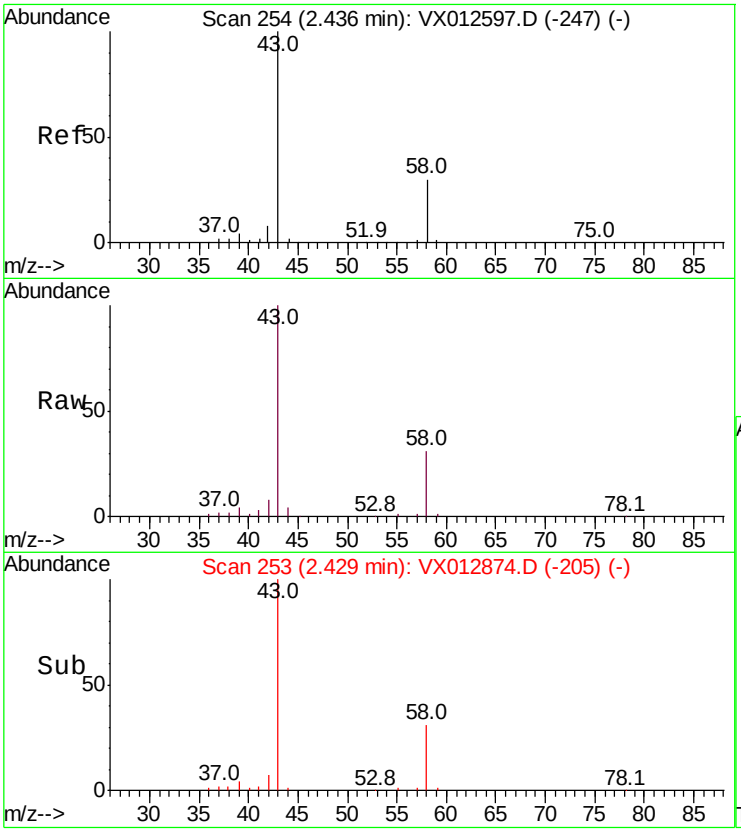


#14
Allyl chloride
Concen: 2.250 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.12 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 41 Resp: 8582

Ion	Ratio	Lower	Upper
41	100		
39	87.9	51.3	76.9#
76	0.0	22.6	33.8#



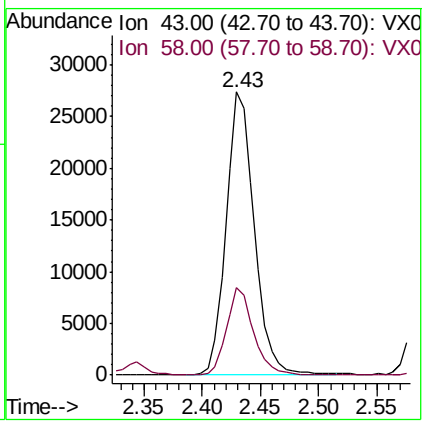


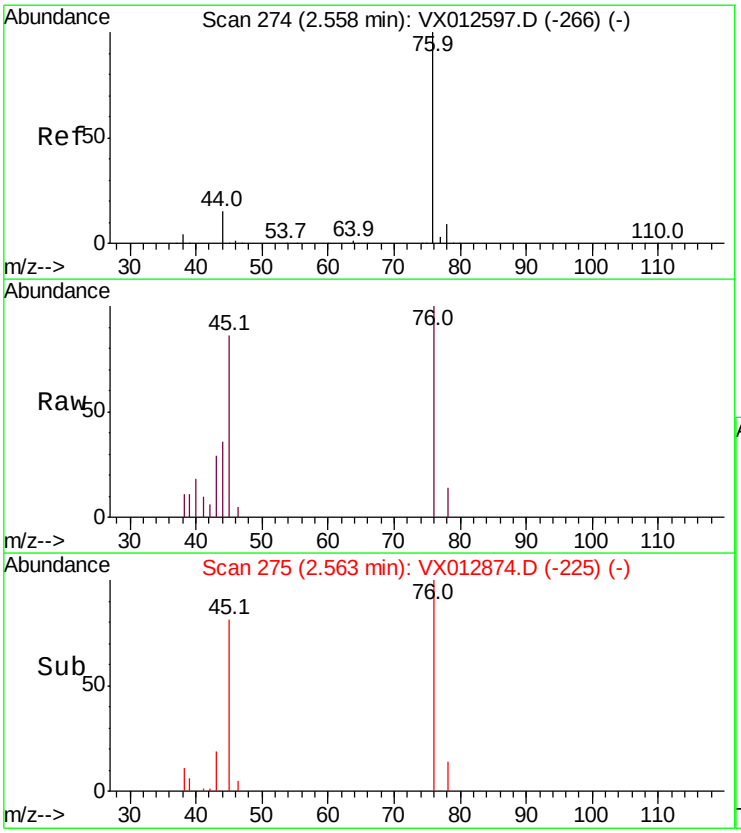
#16
Acetone
Concen: 33.403 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY02

Tgt Ion: 43 Resp: 46072

Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.3	34.9

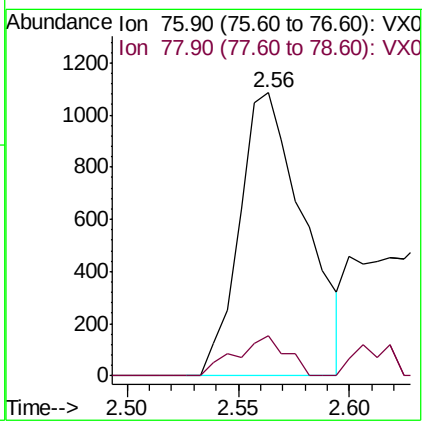


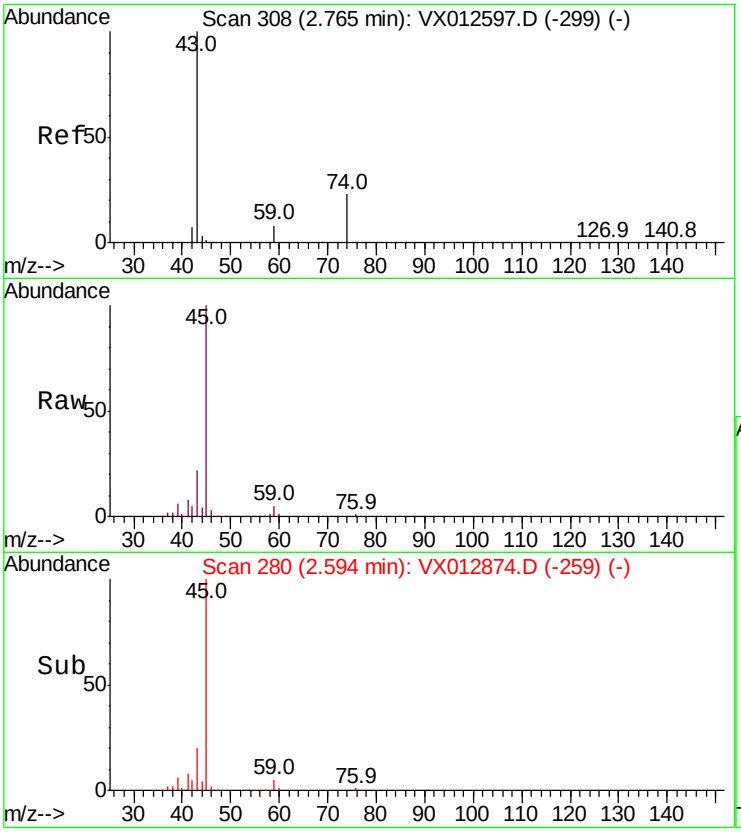


#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 76 Resp: 2201

Ion	Ratio	Lower	Upper
76	100		
78	14.1	7.3	10.9#



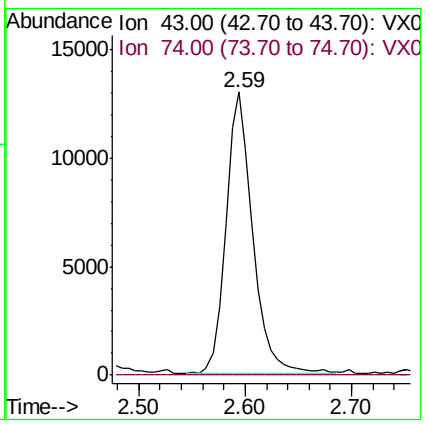


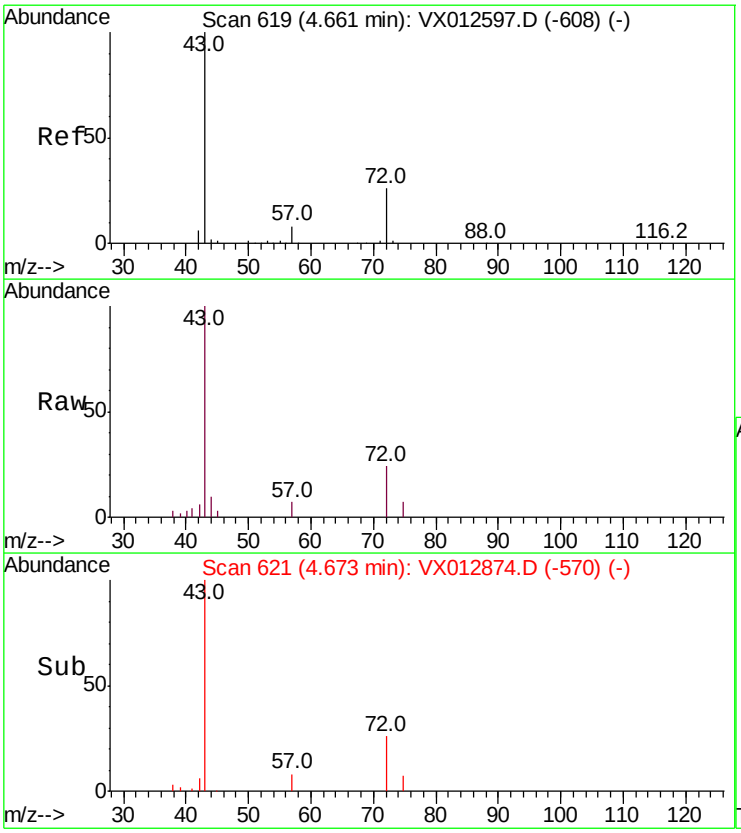
#18
Methyl Acetate
Concen: 6.940 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument : MSVOA_X
ClientSampleId : FA19-CHY02

Tgt Ion: 43 Resp: 22539

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.7	26.5#

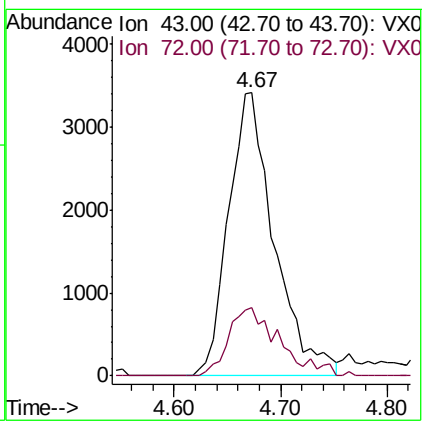


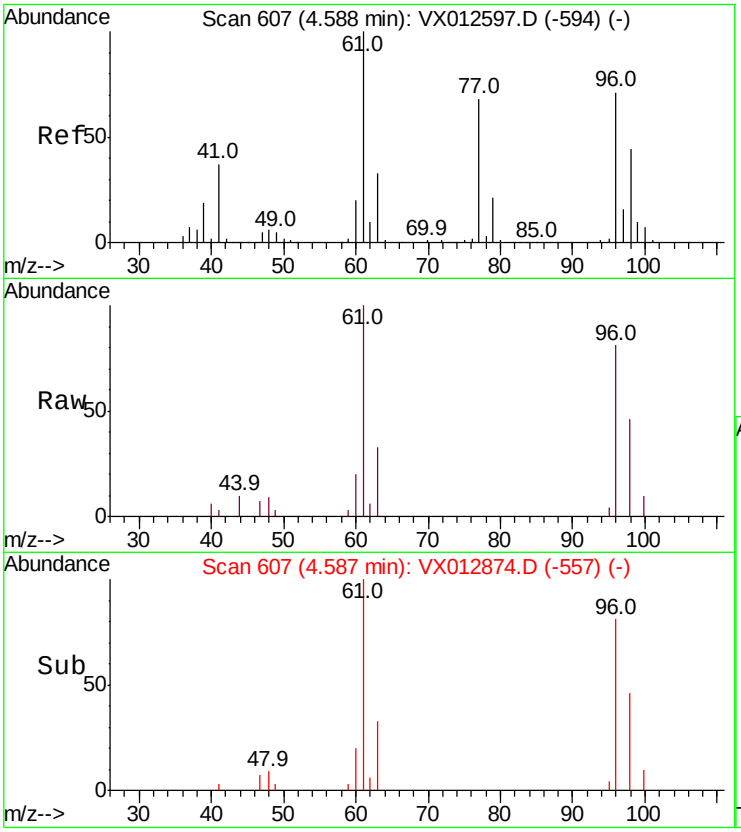


#25
2-Butanone
Concen: 5.188 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 43 Resp: 10261

Ion	Ratio	Lower	Upper
43	100		
72	24.2	19.2	28.8



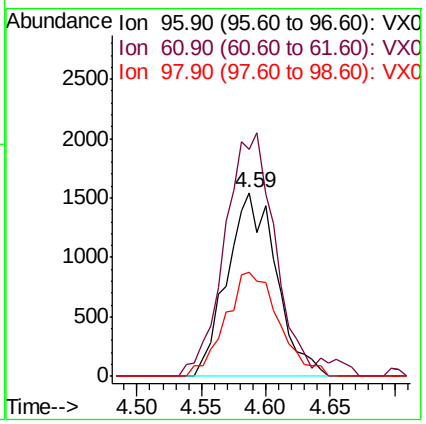


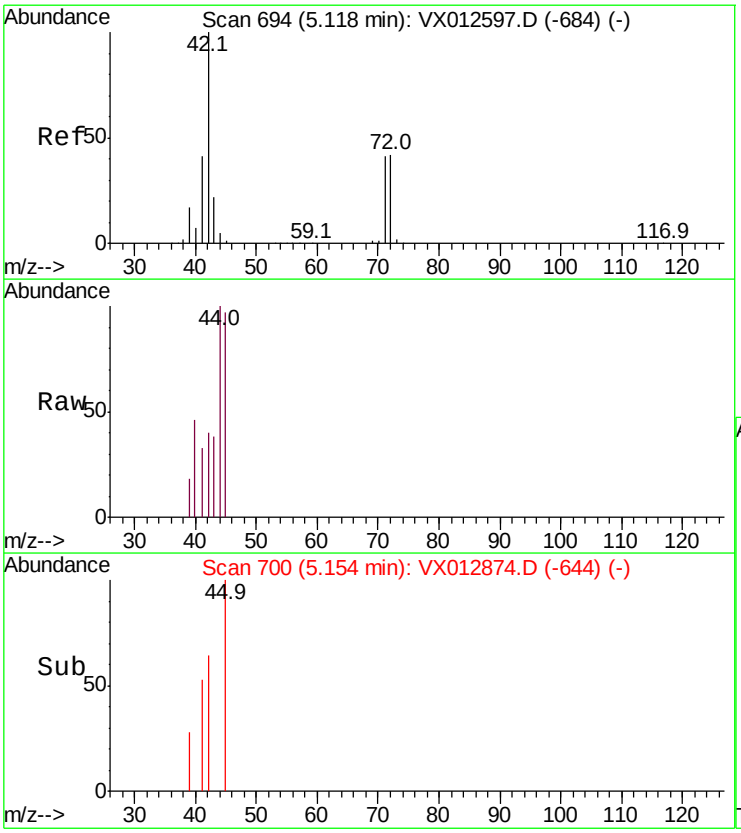
#27
cis-1,2-Dichloroethene
Concen: 1.660 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY02

Tgt Ion: 96 Resp: 4103

Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	319.4
98	61.4	0.0	130.6

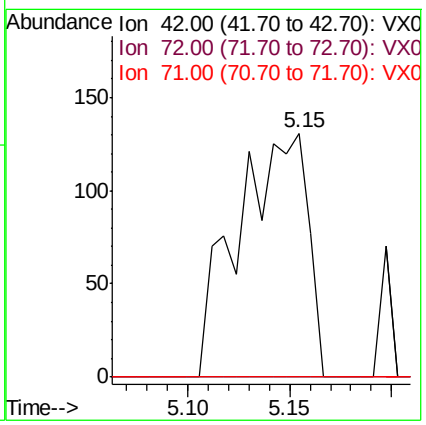


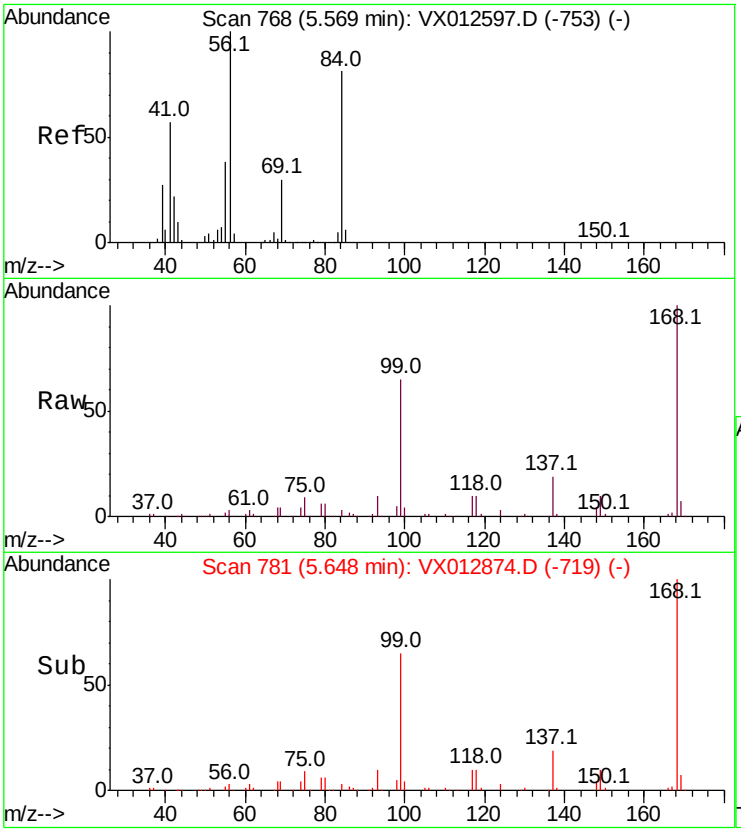


#29
Tetrahydrofuran
Concen: 0.260 ug/l
RT: 5.15 min Scan# 700
Delta R.T. 0.04 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 42 Resp: 314

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	0.0	31.5	47.3#



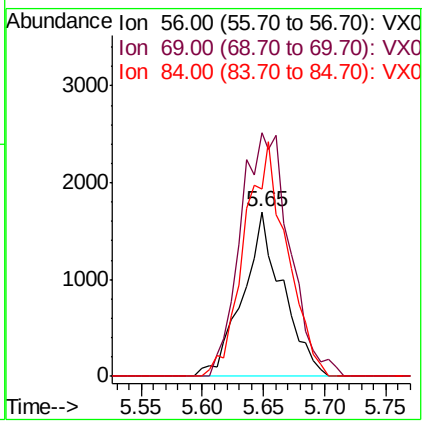


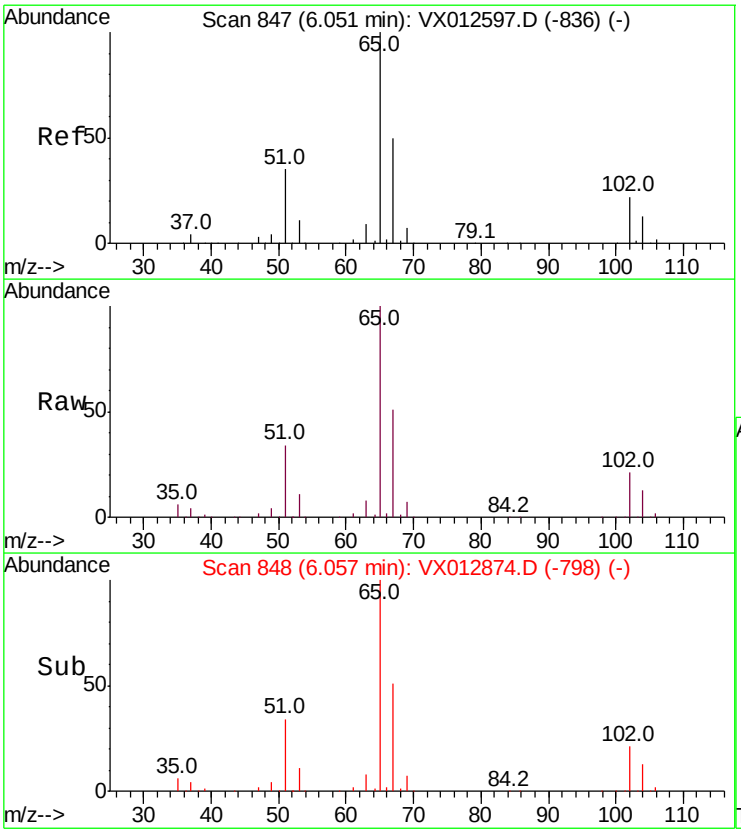
#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument : MSVOA_X
ClientSampleId : FA19-CHY02

Tgt Ion: 56 Resp: 3878

Ion	Ratio	Lower	Upper
56	100		
69	148.1	25.0	37.6#
84	114.1	66.4	99.6#

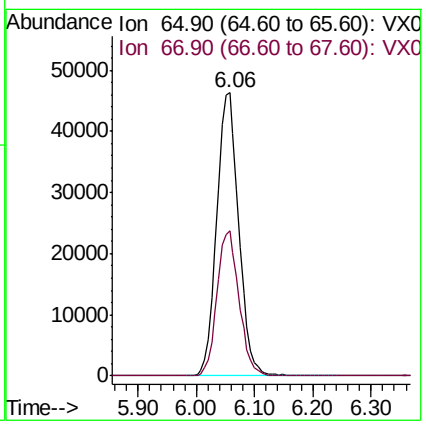


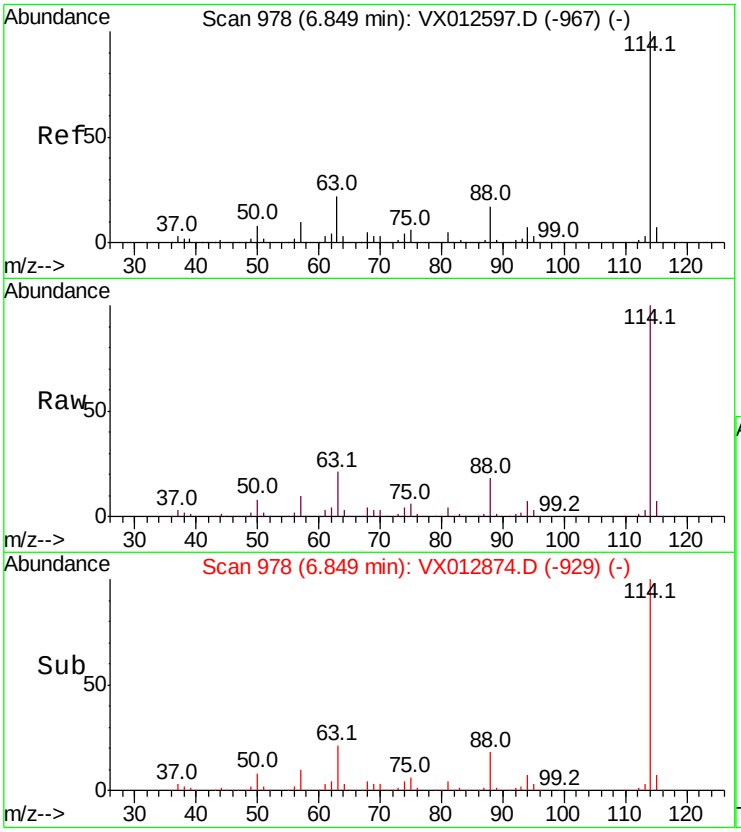


#33
1,2-Dichloroethane-d4
Concen: 46.551 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 65 Resp: 121219

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.2



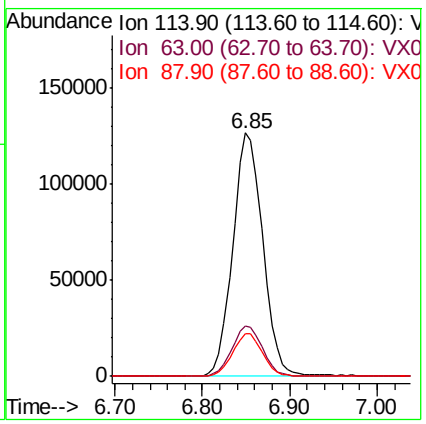


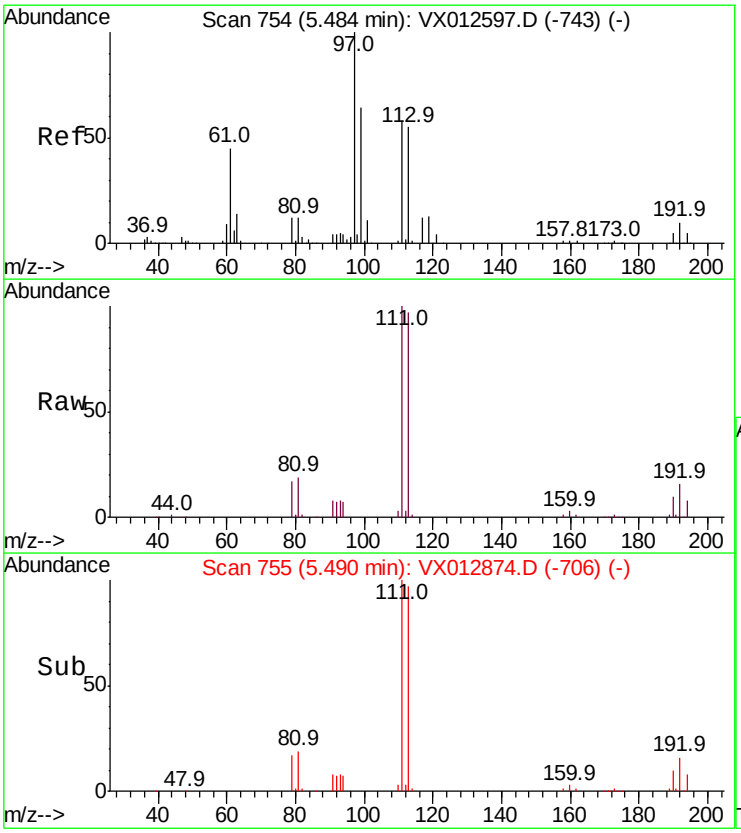
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY02

Tgt Ion:114 Resp: 300820

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	17.6	0.0	33.2

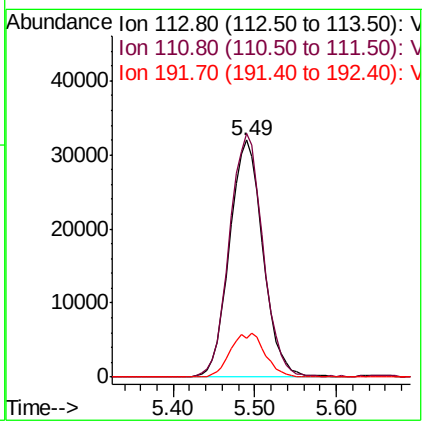


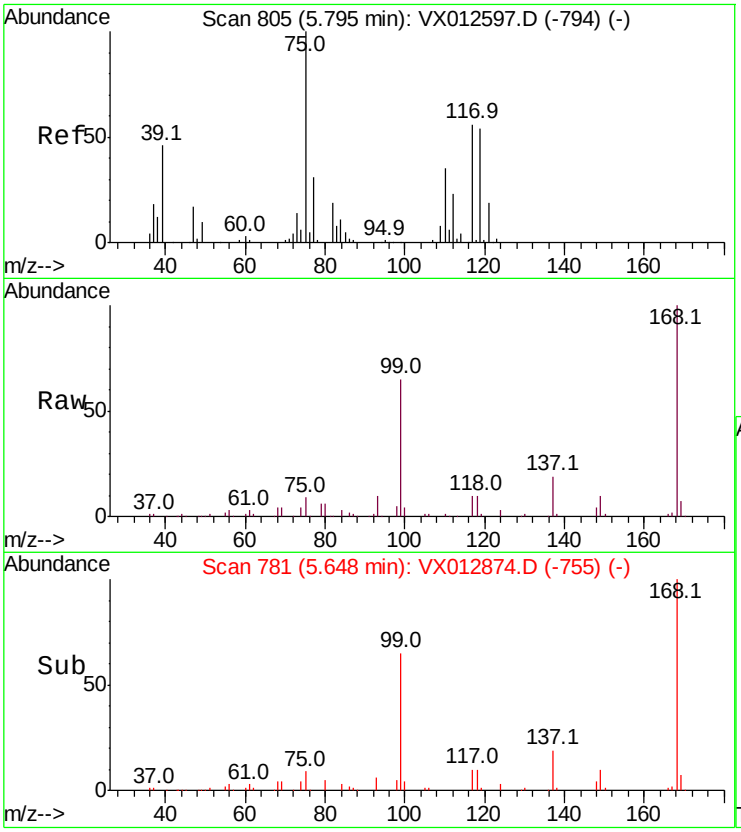


#35
Dibromofluoromethane
Concen: 50.528 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion:113 Resp: 90522

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	19.3	14.4	21.6



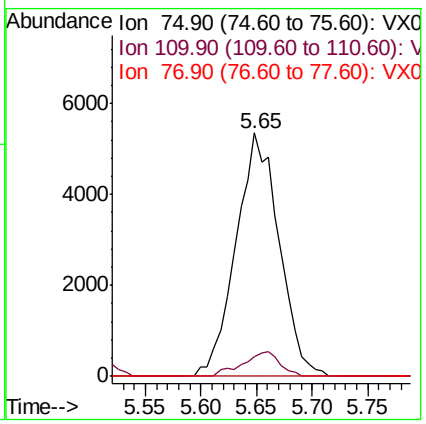


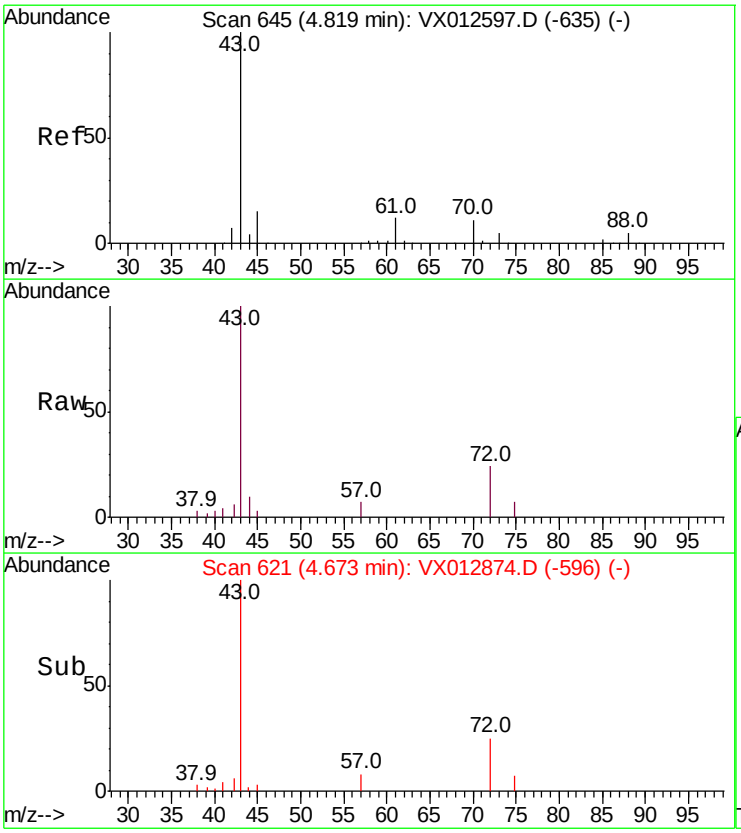
#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY02

Tgt Ion: 75 Resp: 14381

Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.7	50.0#
77	0.0	24.2	36.2#

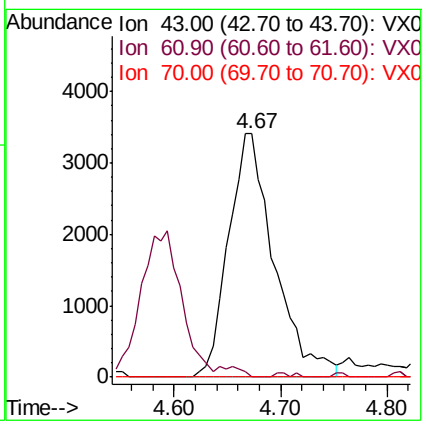


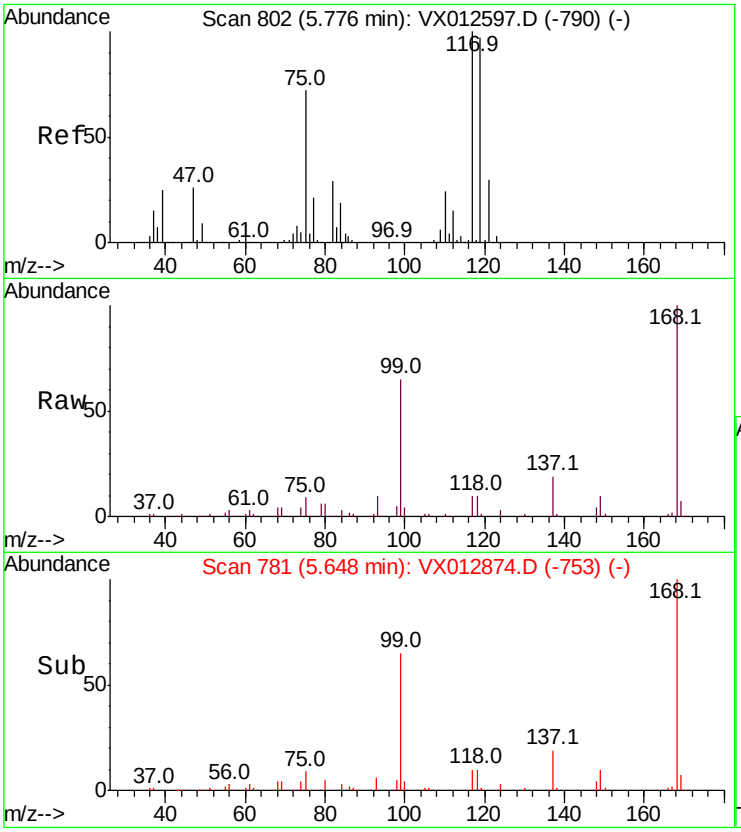


#37
Ethyl Acetate
Concen: 3.027 ug/l
RT: 4.67 min Scan# 621
Delta R.T. -0.15 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 43 Resp: 10261

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.4#
70	0.0	8.7	13.1#



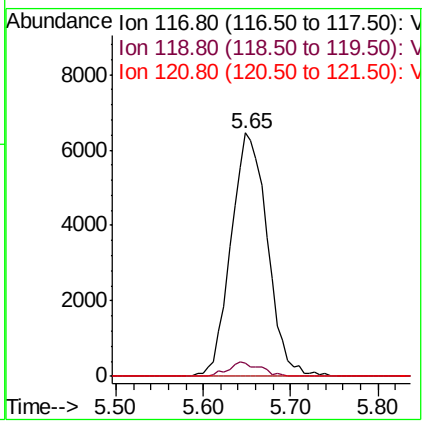


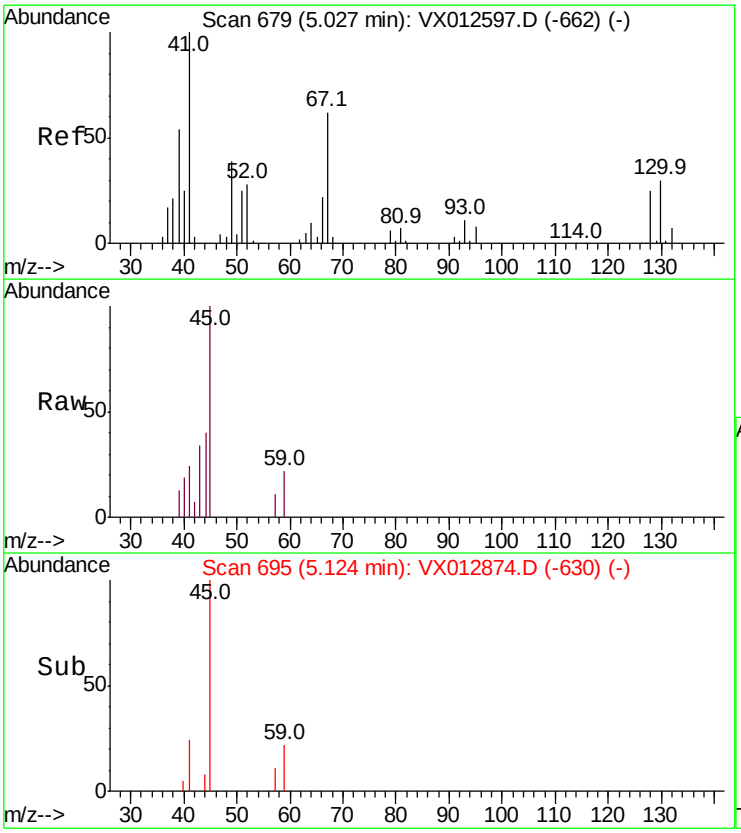
#38
Carbon Tetrachloride
Concen: 6.315 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument : MSVOA_X
ClientSampleId : FA19-CHY02

Tgt Ion:117 Resp: 18600

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.7	113.5#
121	0.0	24.2	36.4#

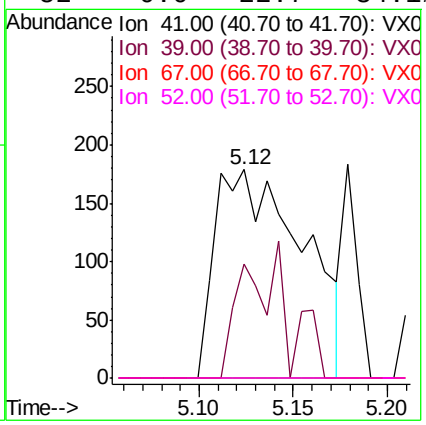


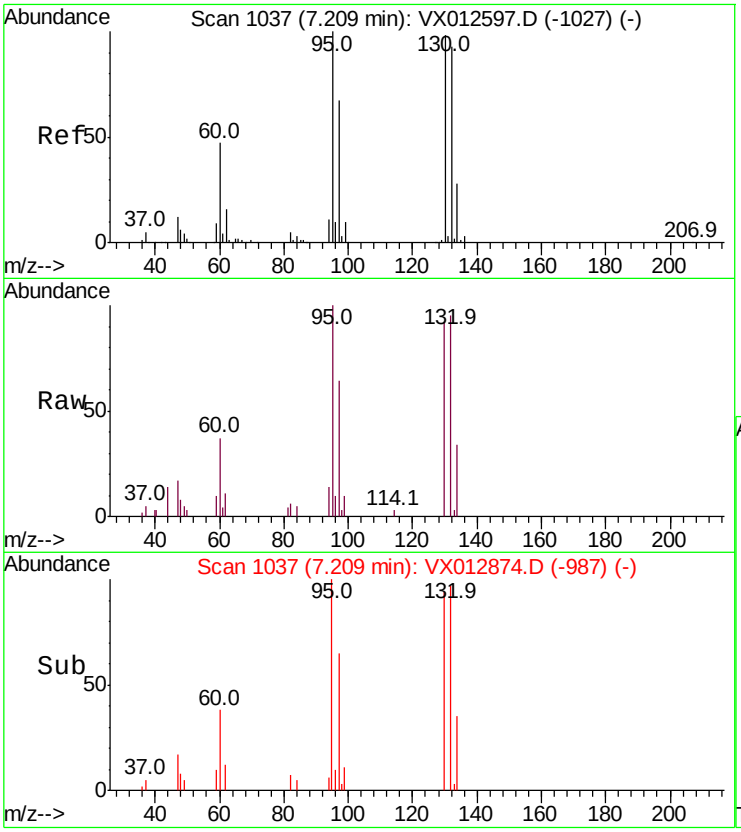


#41
Methacrylonitrile
Concen: 0.302 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.10 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 41 Resp: 575

Ion	Ratio	Lower	Upper
41	100		
39	33.6	46.0	69.0#
67	0.0	52.2	78.2#
52	0.0	22.7	34.1#



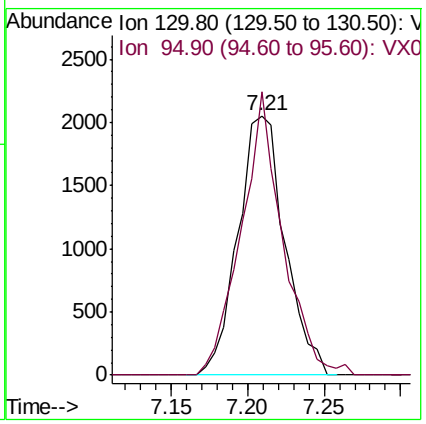


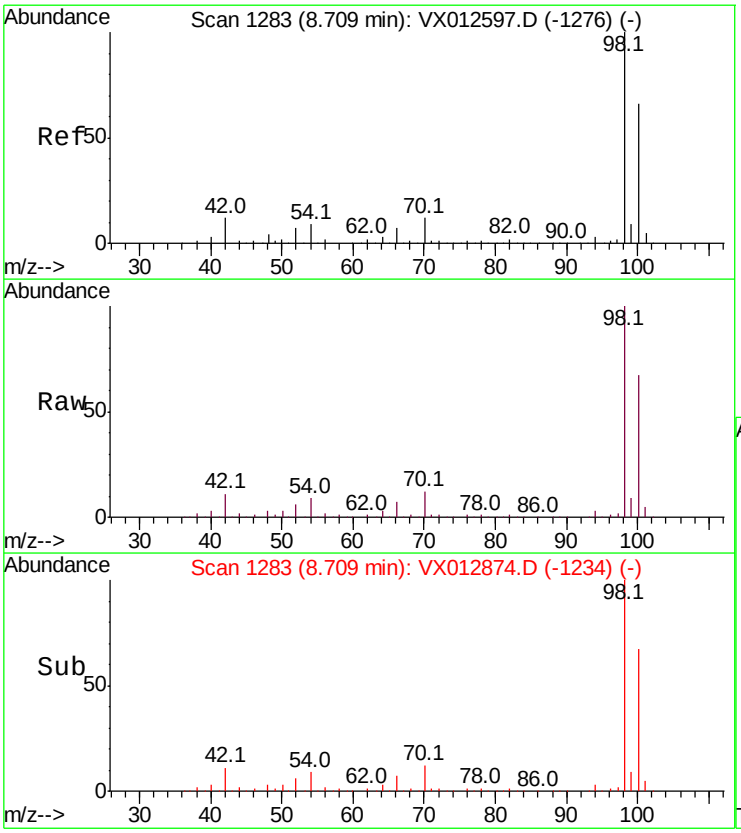
#44
Trichloroethene
Concen: 2.009 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY02

Tgt Ion:130 Resp: 4381

Ion	Ratio	Lower	Upper
130	100		
95	109.1	0.0	193.0

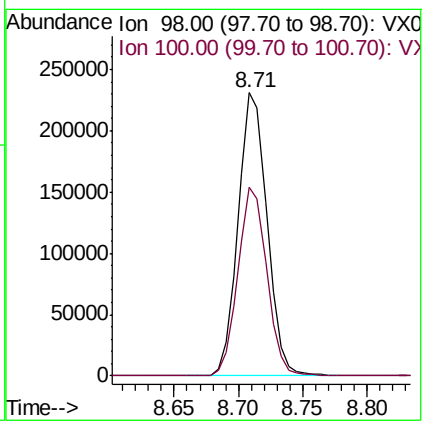


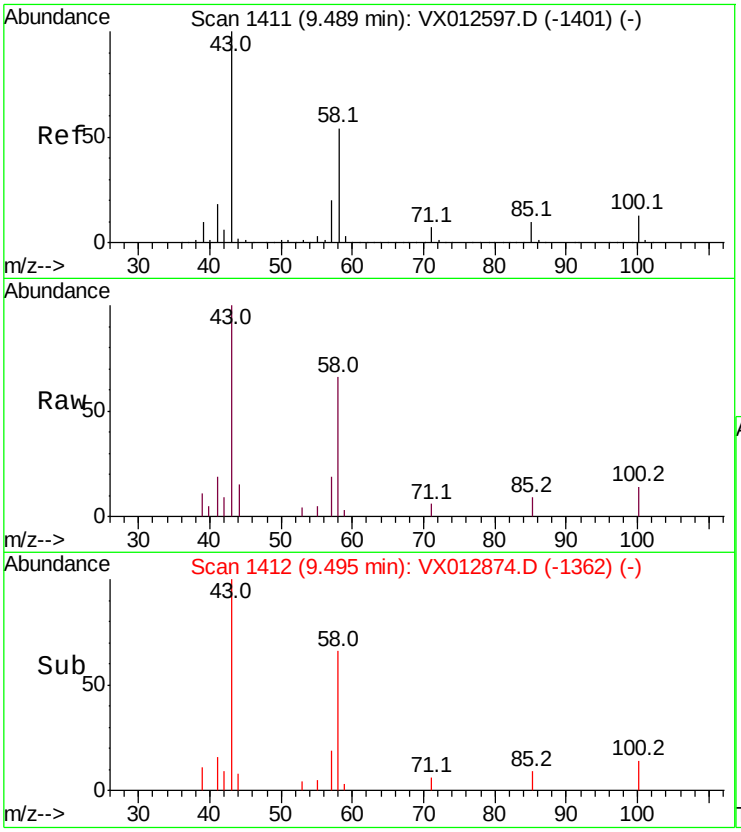


#50
Toluene-d8
Concen: 52.049 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 98 Resp: 359096

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2



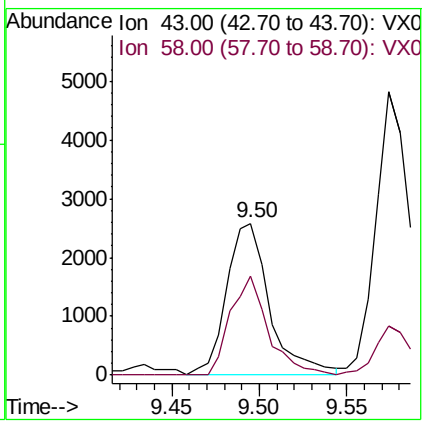


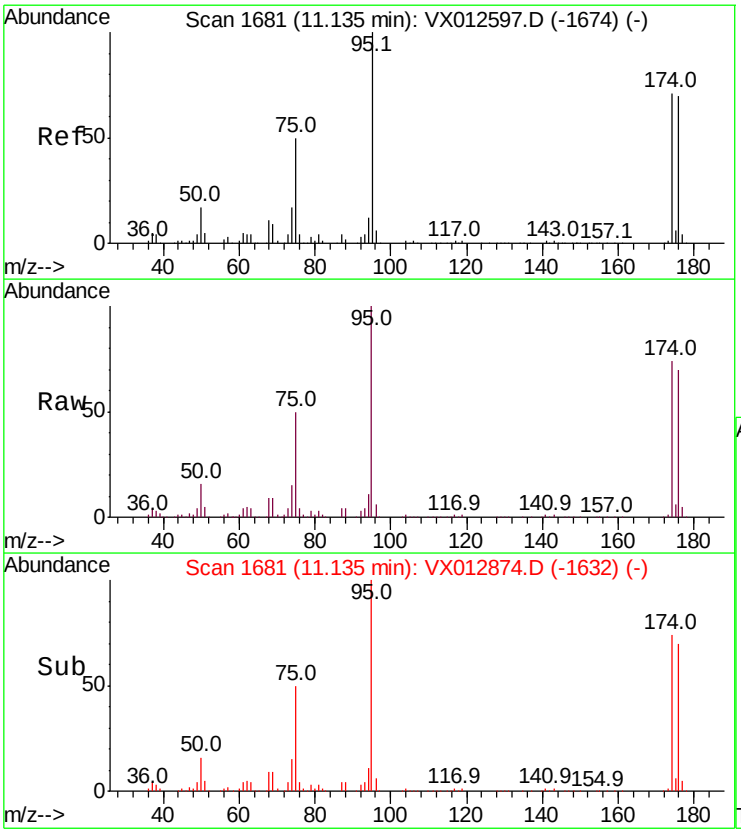
#59
2-Hexanone
Concen: 1.659 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY02

Tgt Ion: 43 Resp: 4445

Ion	Ratio	Lower	Upper
43	100		
58	56.9	25.7	77.1

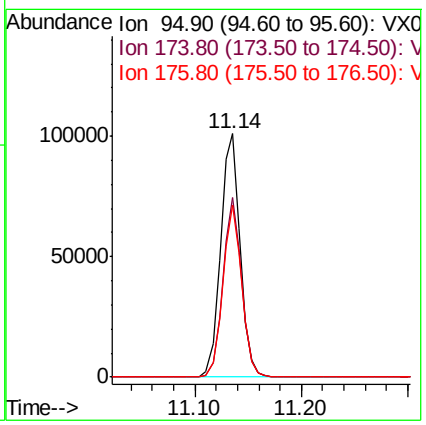


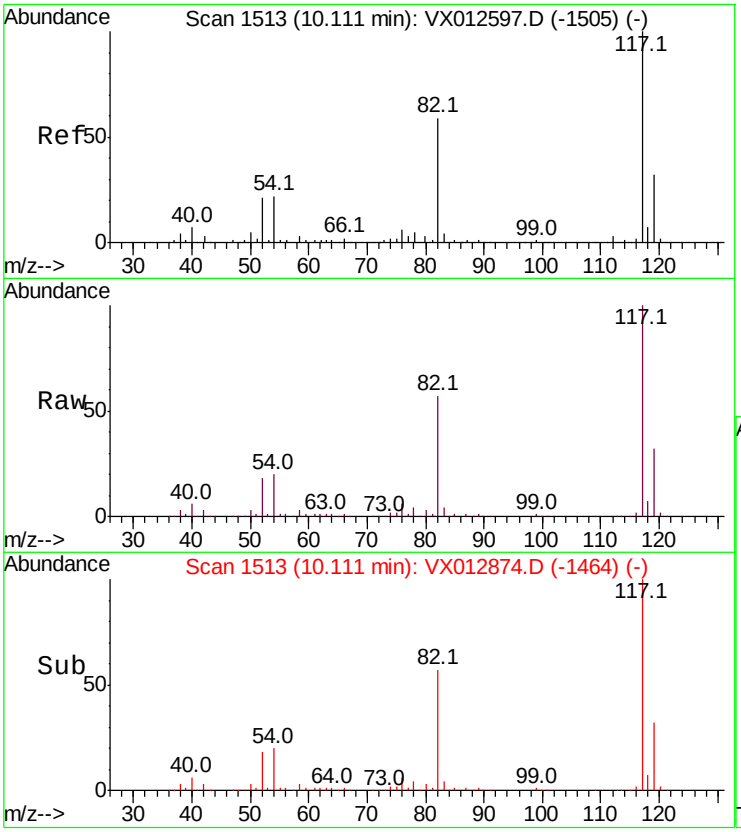


#62
4-Bromofluorobenzene
Concen: 47.395 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 95 Resp: 128572

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	140.0
176	68.6	0.0	135.4



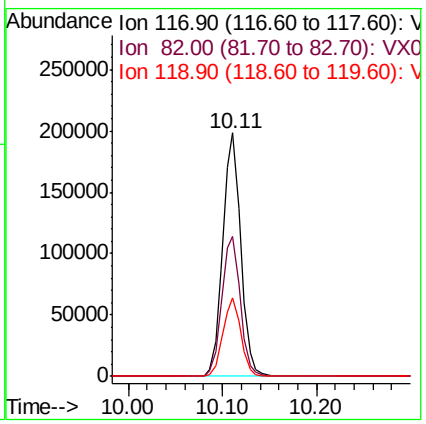


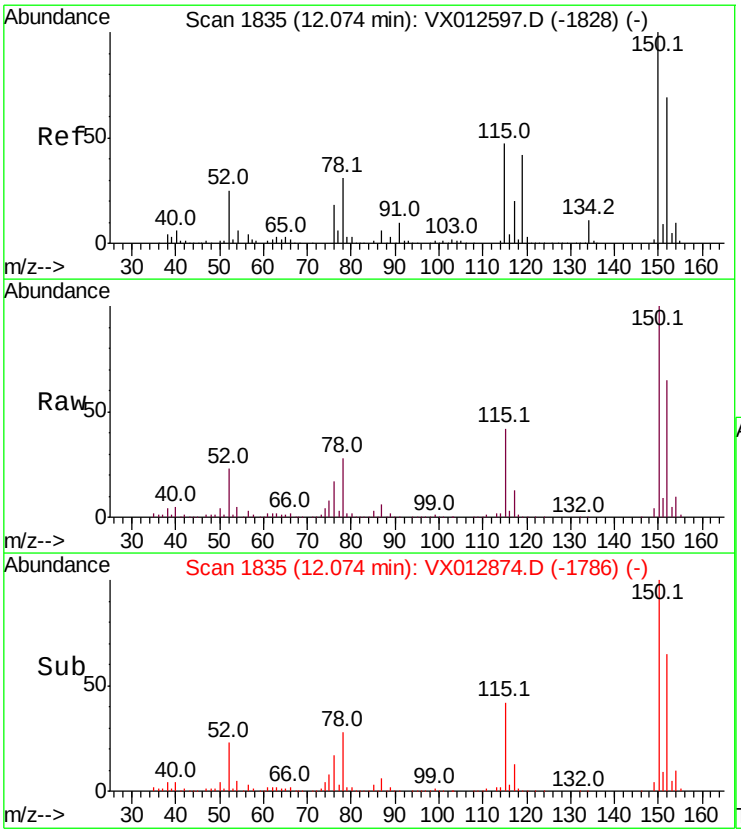
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument : MSVOA_X
ClientSampleId : FA19-CHY02

Tgt Ion:117 Resp: 263330

Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.9	68.9
119	32.4	25.3	37.9

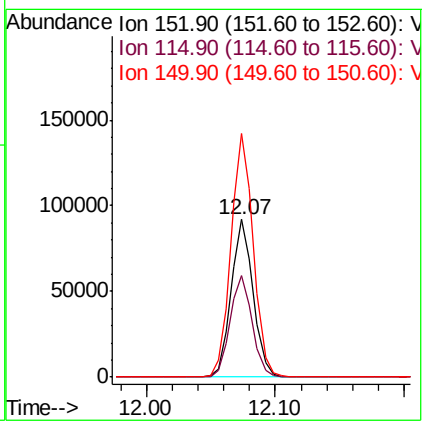


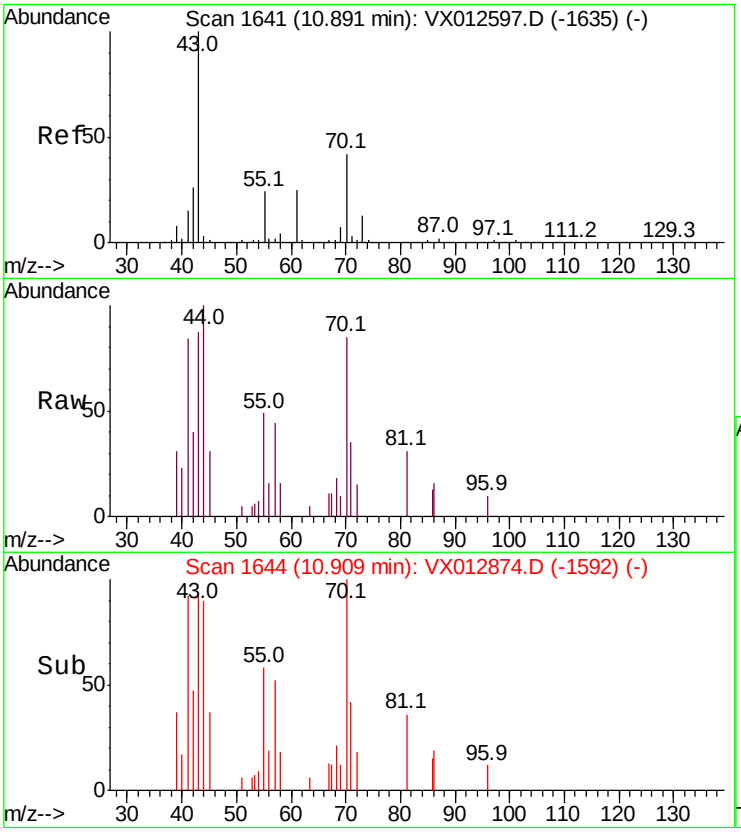


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion:152 Resp: 109559

Ion	Ratio	Lower	Upper
152	100		
115	65.0	44.1	132.3
150	156.4	0.0	343.8



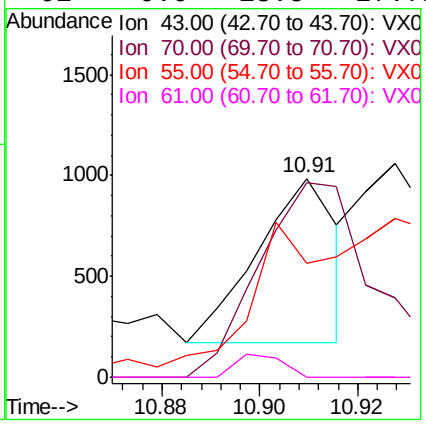


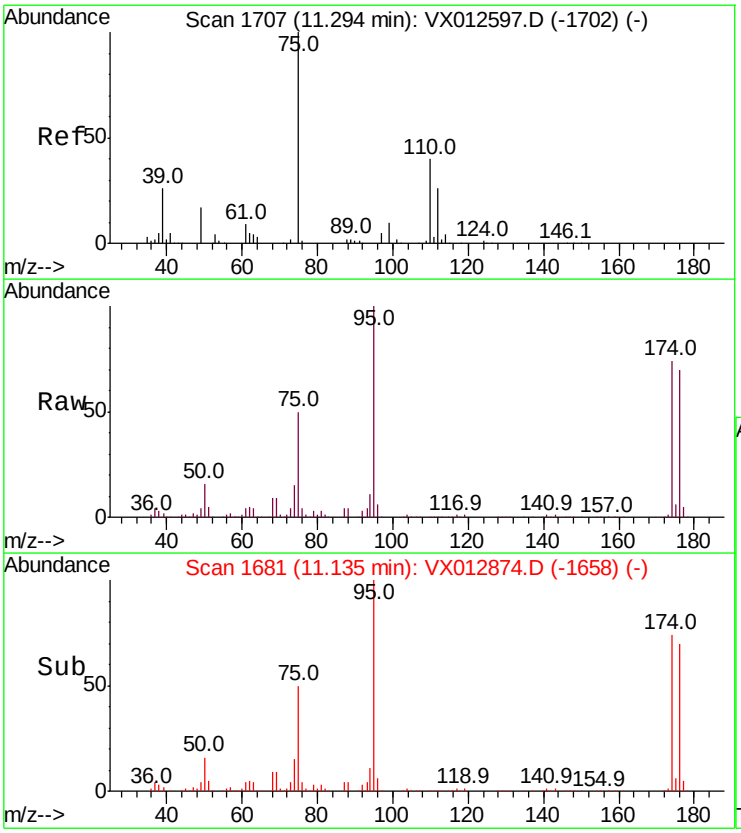
#74
N-amyl acetate
Concen: 0.218 ug/l
RT: 10.91 min Scan# 1644
Delta R.T. 0.02 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument : MSVOA_X
ClientSampleId : FA19-CHY02

Tgt Ion: 43 Resp: 928

Ion	Ratio	Lower	Upper
43	100		
70	184.3	32.4	48.6#
55	248.3	18.2	27.4#
61	0.0	18.5	27.7#

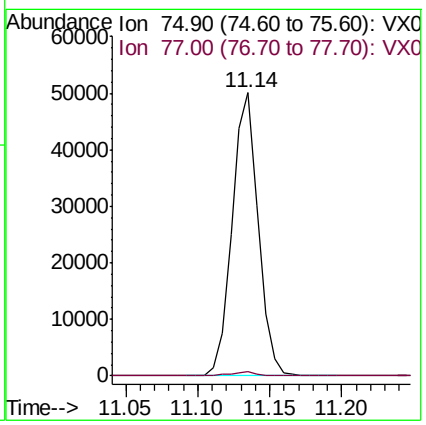


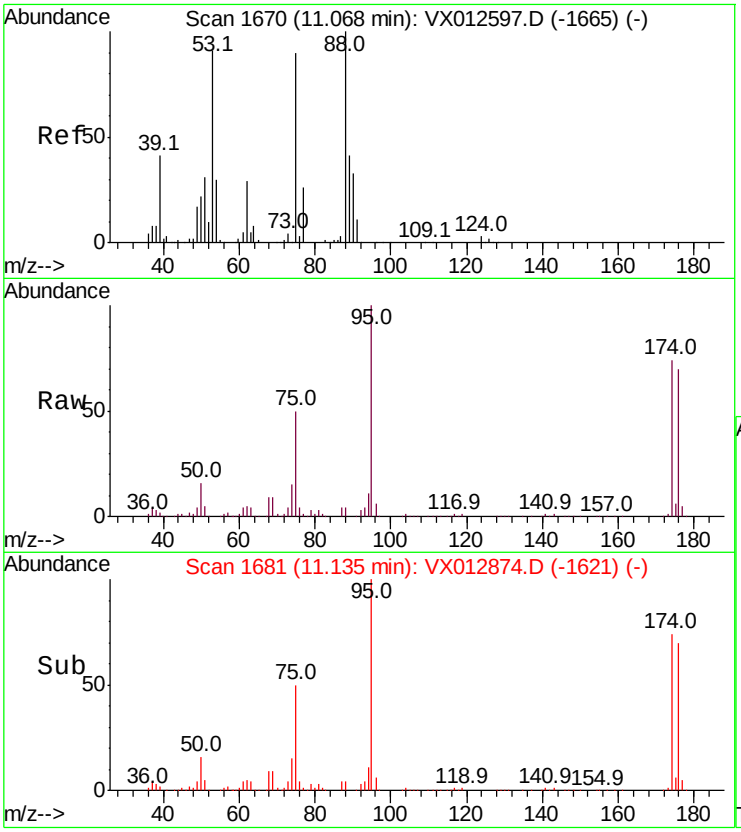


#76
1,2,3-Trichloropropane
Concen: 21.921 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 75 Resp: 63530

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.821 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY02

Tgt Ion: 75 Resp: 63530

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.6	125.4#
89	0.0	36.3	54.5#