Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052720\
Data File : VX016465.D
Acq On : 27 May 2020 22:54
Operator : JC/SP
Sample : L2757-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C0AP5

Quant Time: May 28 03:02:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	319509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	525378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	526369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	272698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	188961	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.24%			
35) Dibromofluoromethane	5.47	113	152540	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.30%			
50) Toluene-d8	8.70	98	652623	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.66%			
62) 4-Bromofluorobenzene	11.12	95	271764	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.72%			
Target Compounds						Qvalue
10) Methyl Iodide	2.50	142	147	3.095	ug/l #	48
11) Tert butyl alcohol	3.01	59	1620	1.592	ug/l	99
13) Acrolein	2.27	56	3506	8.100	ug/l	93
14) Allyl chloride	2.75	41	7856	1.389	ug/l #	38
16) Acetone	2.42	43	85229	49.027	ug/l	100
18) Methyl Acetate	2.75	43	651580	146.136	ug/l	99
20) Methylene Chloride	2.83	84	7580	2.107	ug/l #	90
25) 2-Butanone	4.63	43	48211	16.367	ug/l	100
29) Tetrahydrofuran	5.10	42	3757	1.974	ug/l	95
31) Cyclohexane	5.63	56	5734	1.040	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	23302	4.684	ug/l #	49
37) Ethyl Acetate	4.81	43	2731	0.457	ug/l #	85
38) Carbon Tetrachloride	5.63	117	30587	5.851	ug/l #	16
43) Isopropyl Acetate	6.41	43	100732	10.814	ug/l	99
48) Methyl methacrylate	7.65	41	9068	2.033	ug/l #	14
49) 1,4-Dioxane	7.72	88	98	0.939	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	93396	16.102	ug/l #	44
52) Toluene	8.77	92	3845	0.412	ug/l	92
54) cis-1,3-Dichloropropene	8.60	75	42666	6.759	ug/l #	58
56) Ethyl methacrylate	9.29	69	1323	0.219	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	6698	1.051	ug/l #	45
59) 2-Hexanone	9.52	43	83972	18.616	ug/l #	51
68) m/p-Xylenes	10.35	106	2471	0.349	ug/l	90
69) o-Xylene	10.68	106	1830	0.267	ug/l	99
74) N-amyl acetate	10.80	43	8570	0.986	ug/l #	48
76) 1,2,3-Trichloropropane	11.12	75	129647	21.629	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	129647	53.205	ug/l #	14
84) 1,2,4-Trimethylbenzene	11.79	105	4295	0.269	ug/l	76
92) 1,2-Dibromo-3-Chloropropan	12.97	75	487	0.318	ug/l #	1
95) Naphthalene	13.82	128	35736	1.887	ug/l	98

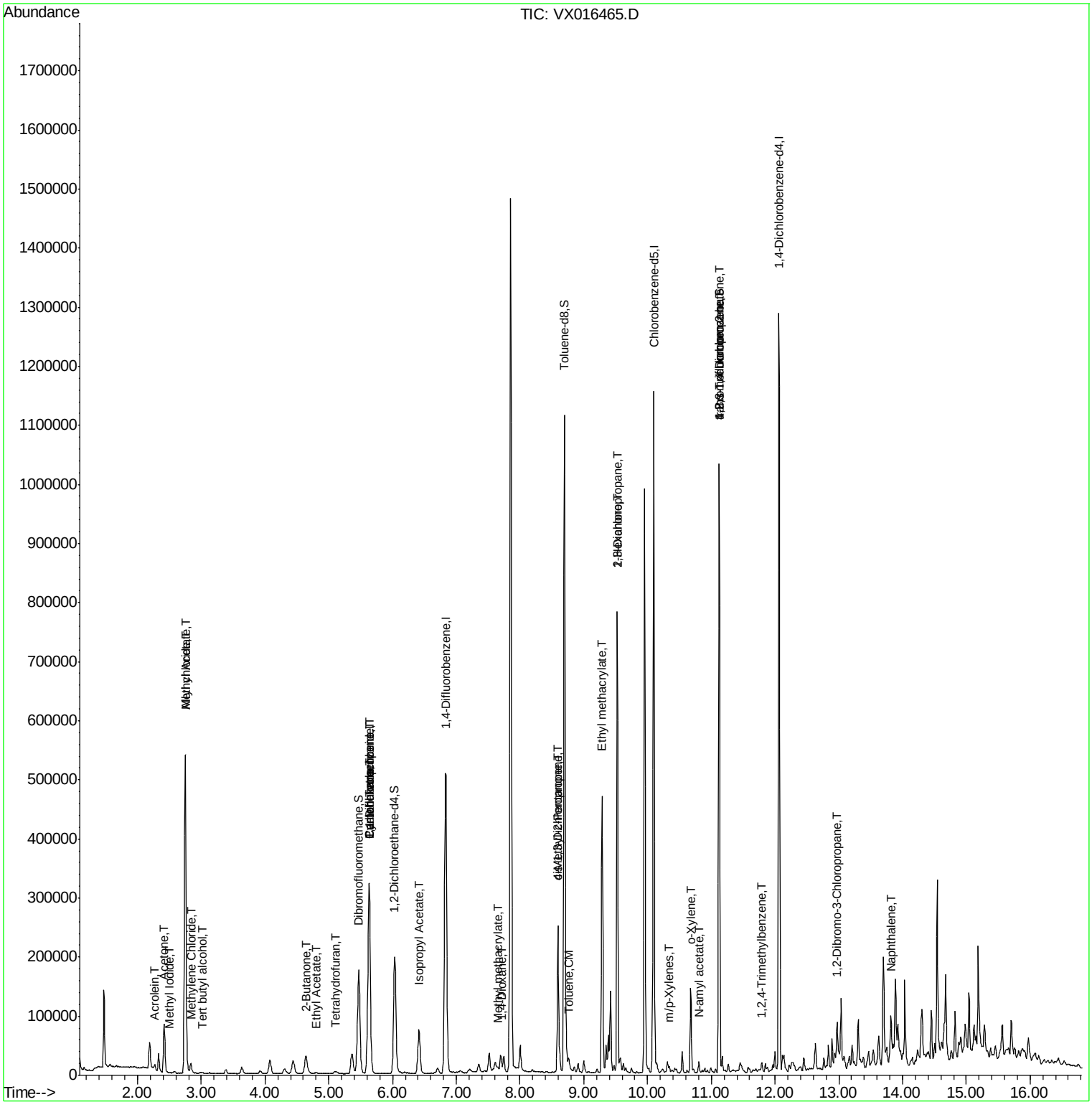
(#) = qualifier out of range (m) = manual integration (+) = signals summed

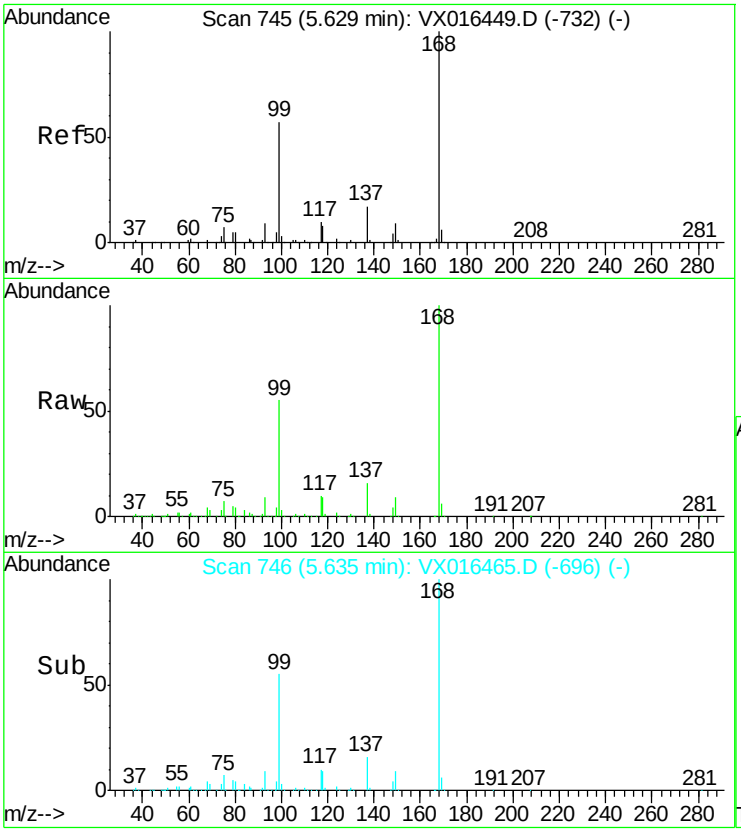
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052720\
Data File : VX016465.D
Acq On : 27 May 2020 22:54
Operator : JC/SP
Sample : L2757-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Quant Time: May 28 03:02:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration



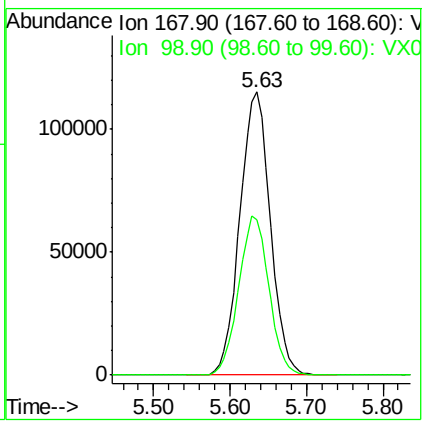


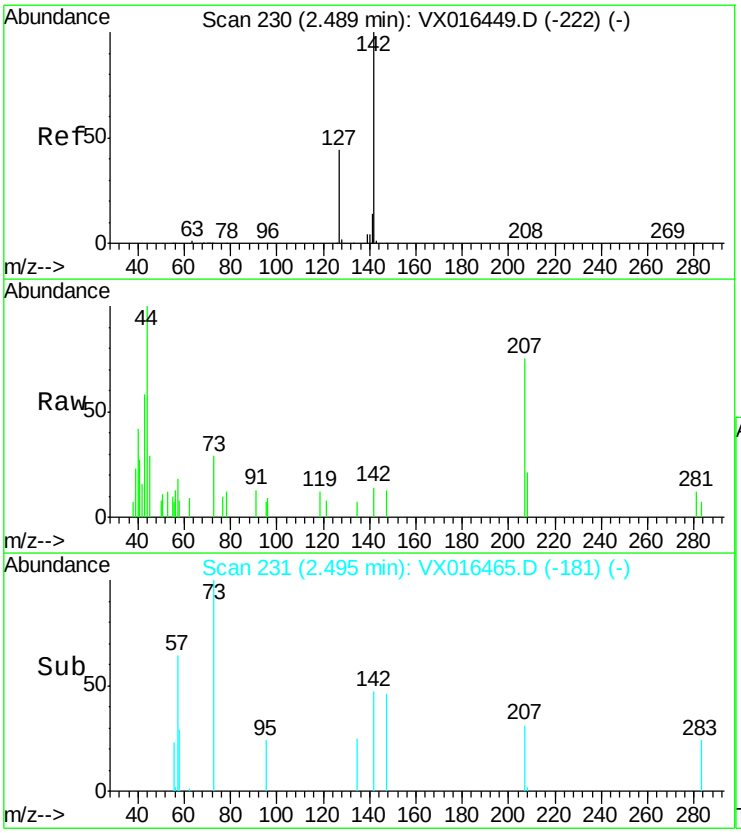
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion:168 Resp: 319509

Ion	Ratio	Lower	Upper
168	100		
99	54.9	45.2	67.8

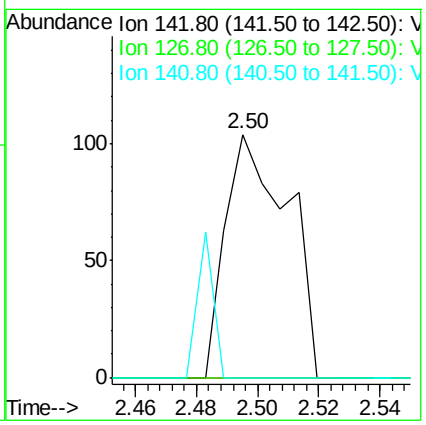


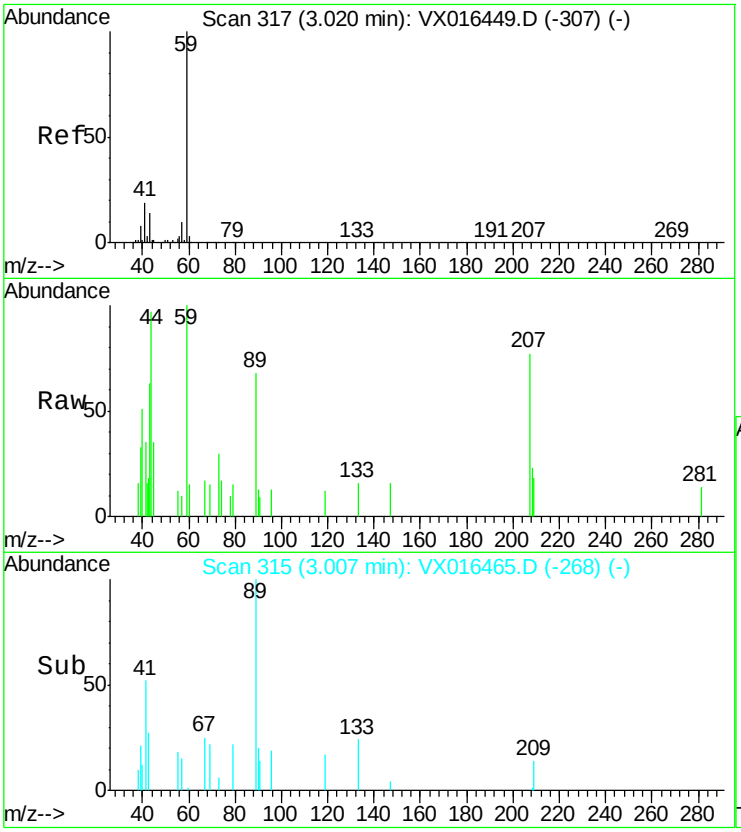


#10
Methyl Iodide
Concen: 3.095 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion:142 Resp: 147

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.3	52.9#
141	15.6	11.4	17.2



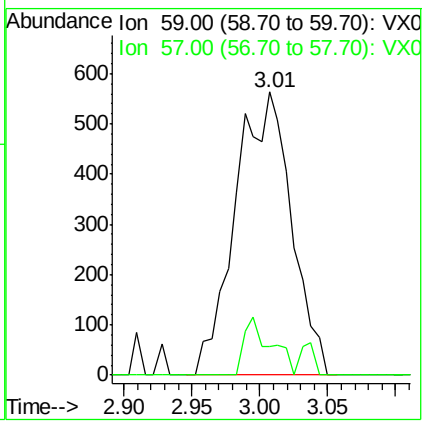


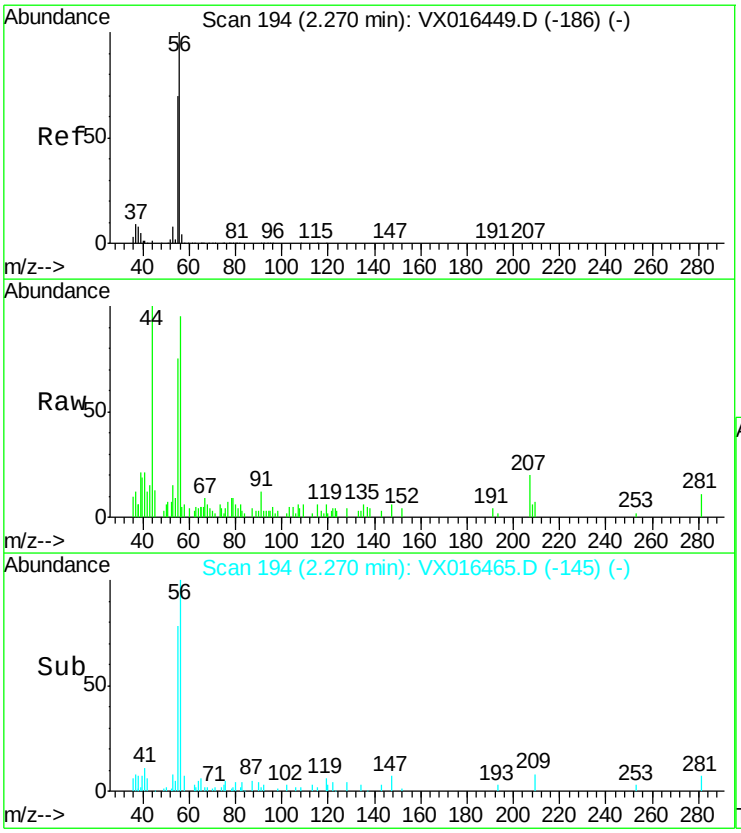
#11
Tert butyl alcohol
Concen: 1.592 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion: 59 Resp: 1620

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.4

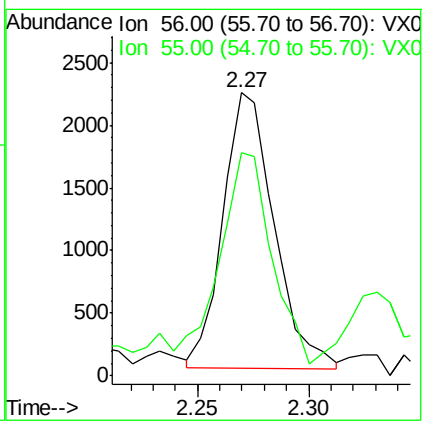


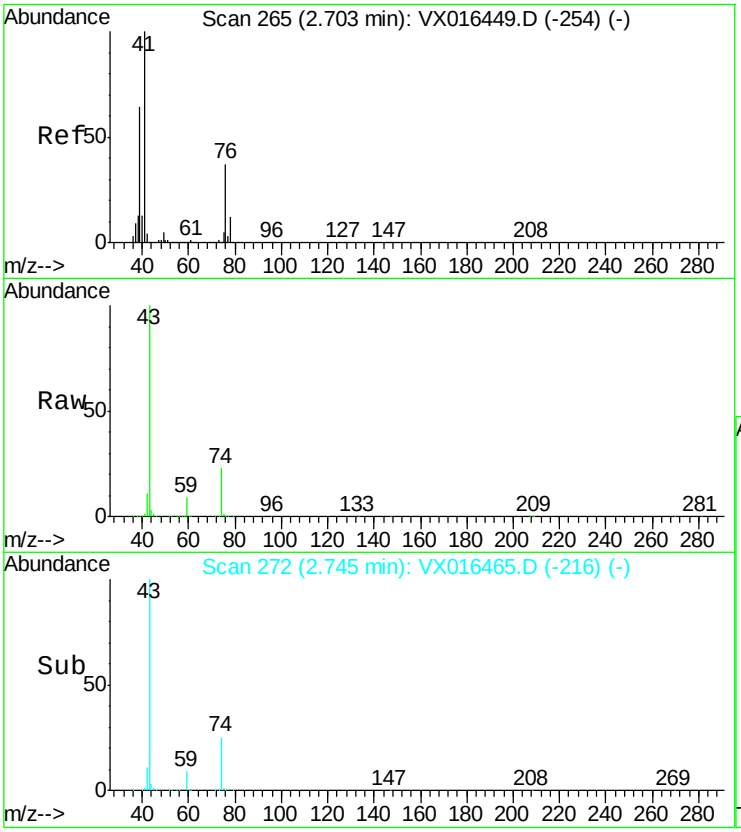


#13
Acrolein
Concen: 8.100 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 56 Resp: 3506

Ion	Ratio	Lower	Upper
56	100		
55	78.8	58.3	87.5



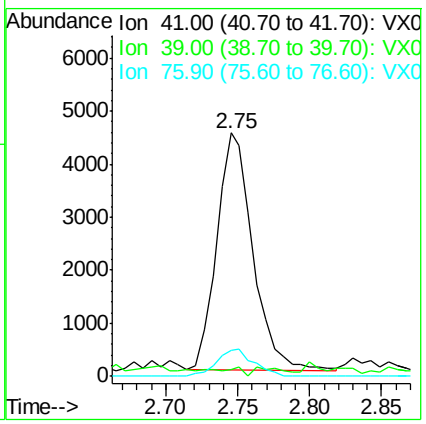


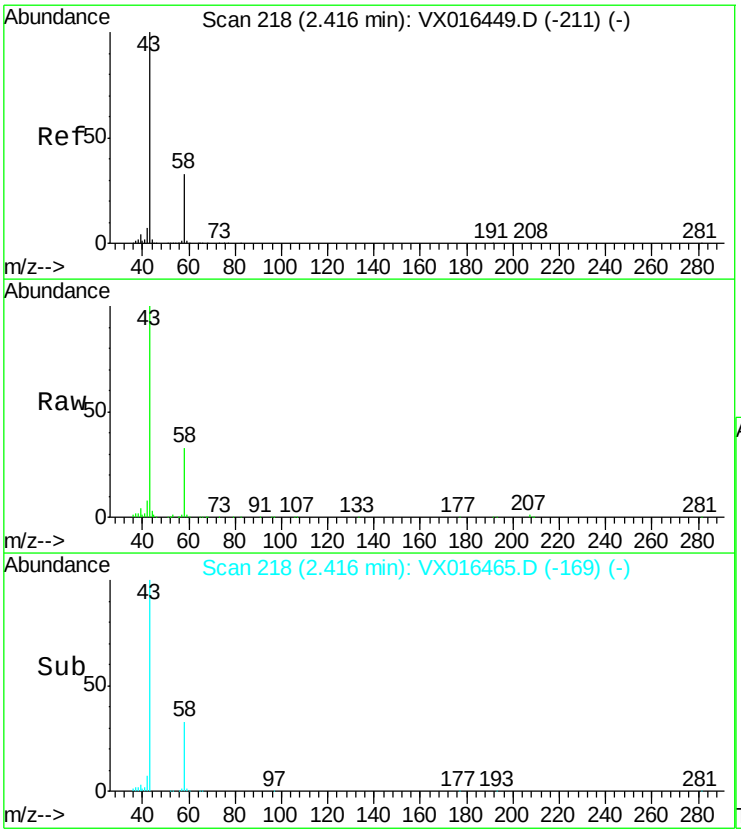
#14
Allyl chloride
Concen: 1.389 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.04 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion: 41 Resp: 7856

Ion	Ratio	Lower	Upper
41	100		
39	2.8	47.7	71.5#
76	11.6	26.6	40.0#

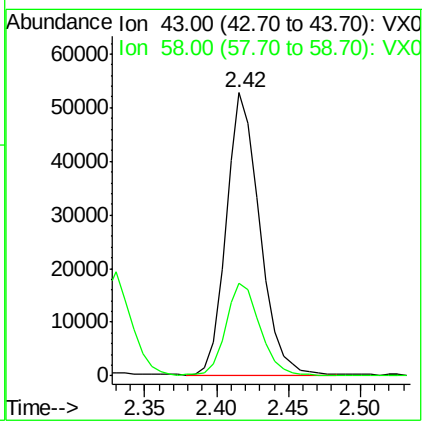


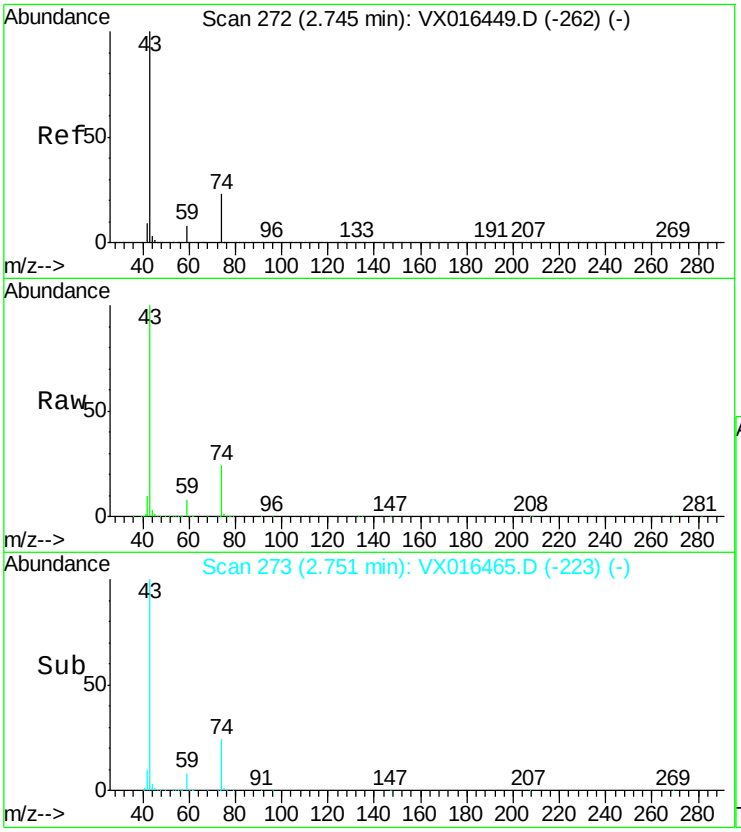


#16
Acetone
Concen: 49.027 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 43 Resp: 85229

Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.1	39.1



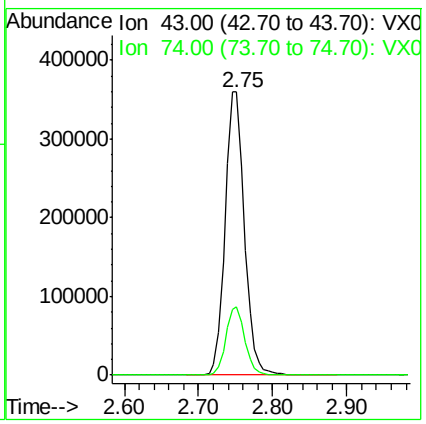


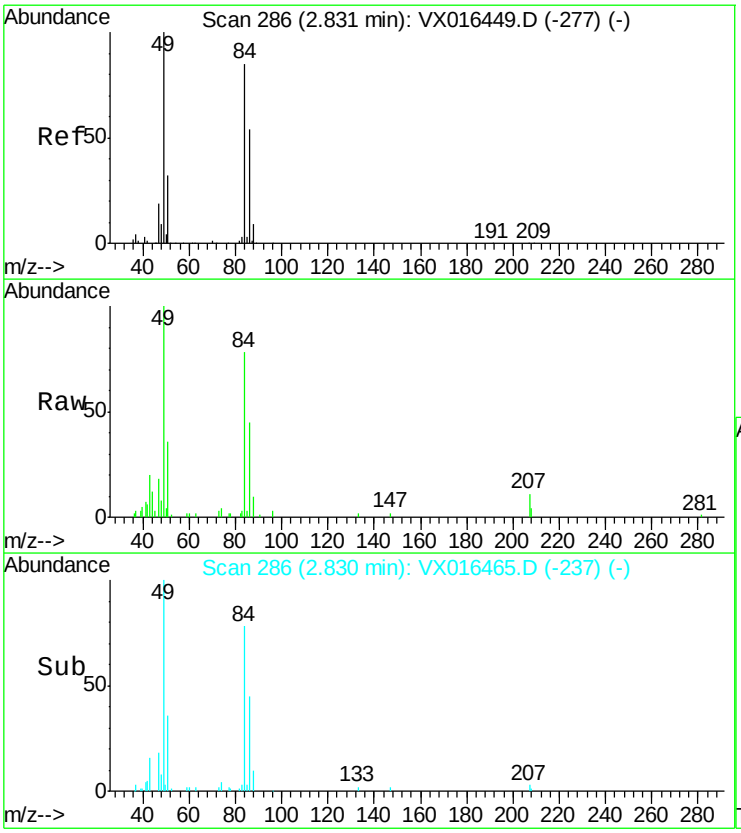
#18
Methyl Acetate
Concen: 146.136 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument : MSVOA_X
ClientSampleId : C0AP5

Tgt Ion: 43 Resp: 651580

Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.7	29.5

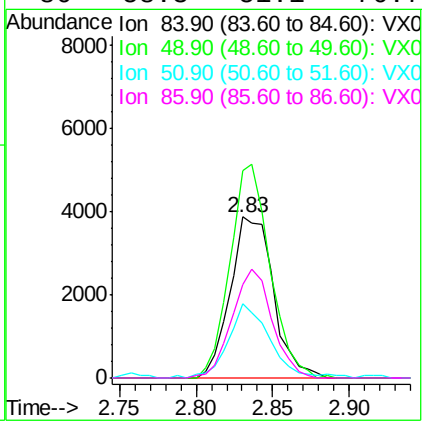


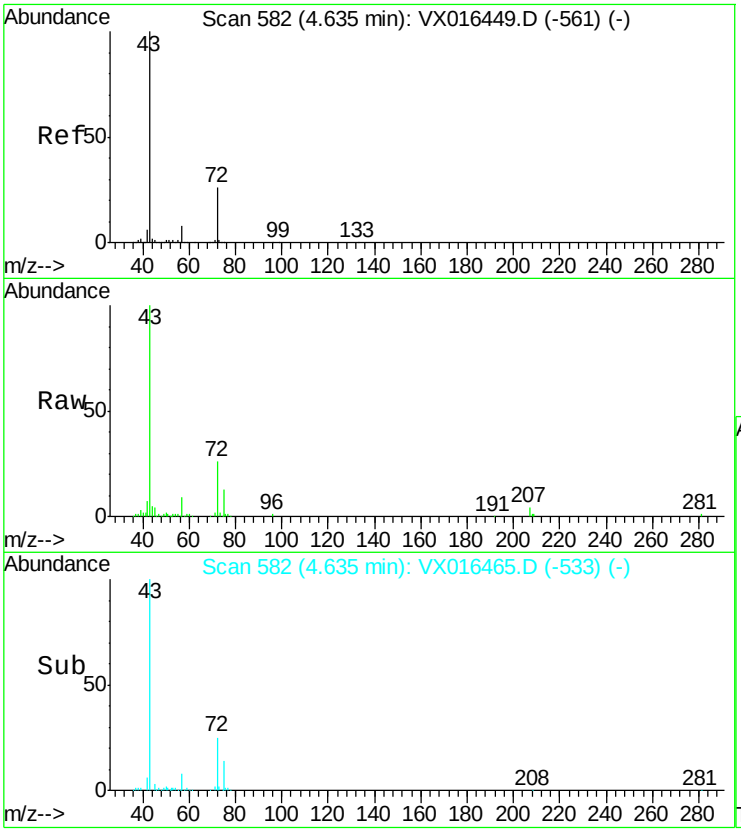


#20
Methylene Chloride
Concen: 2.107 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 84 Resp: 7580

Ion	Ratio	Lower	Upper
84	100		
49	128.5	94.5	141.7
51	46.3	30.2	45.4#
86	58.3	51.1	76.7



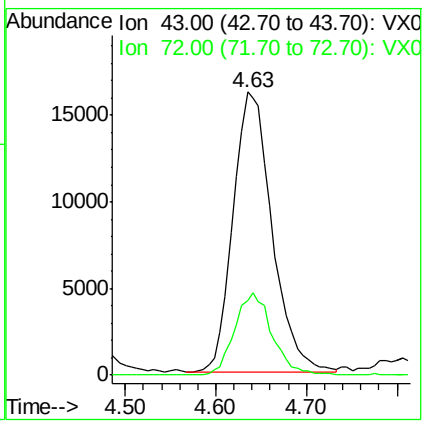


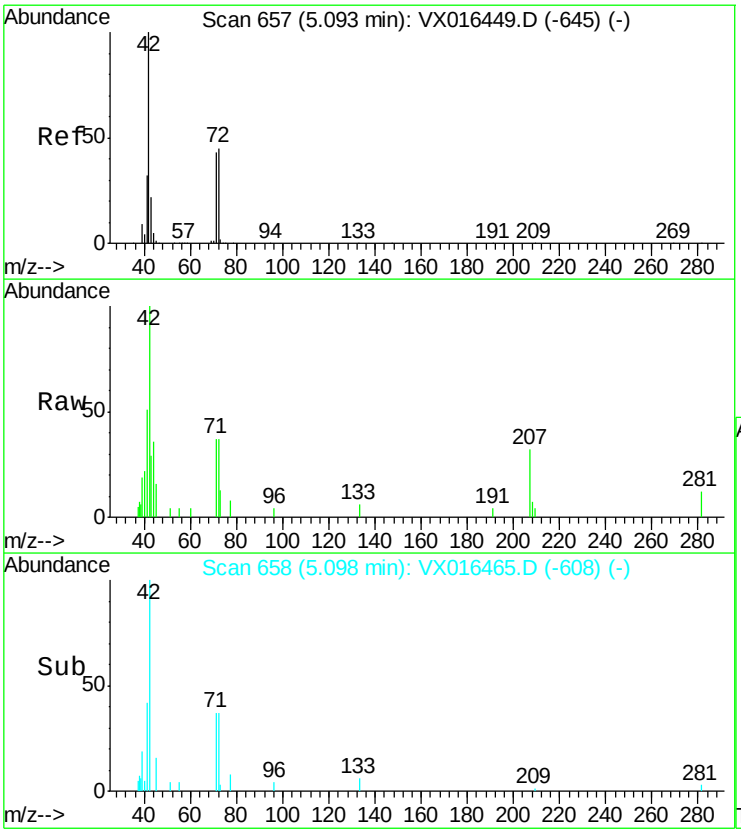
#25
2-Butanone
Concen: 16.367 ug/l
RT: 4.63 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion: 43 Resp: 48211

Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.0	31.6

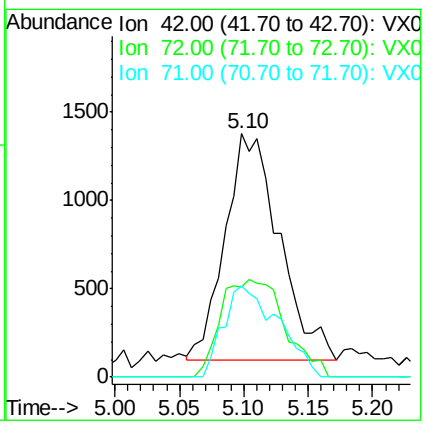


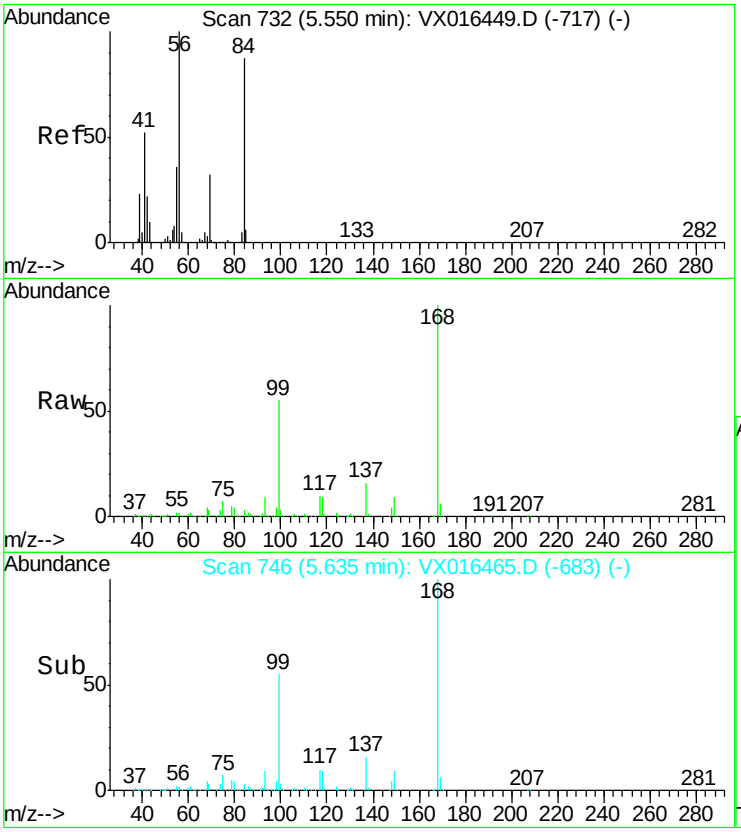


#29
Tetrahydrofuran
Concen: 1.974 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 42 Resp: 3757

Ion	Ratio	Lower	Upper
42	100		
72	50.9	37.0	55.4
71	40.9	34.1	51.1



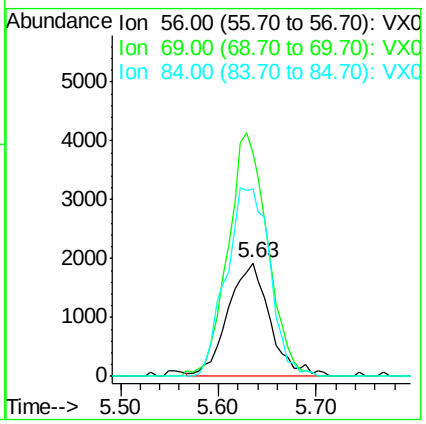


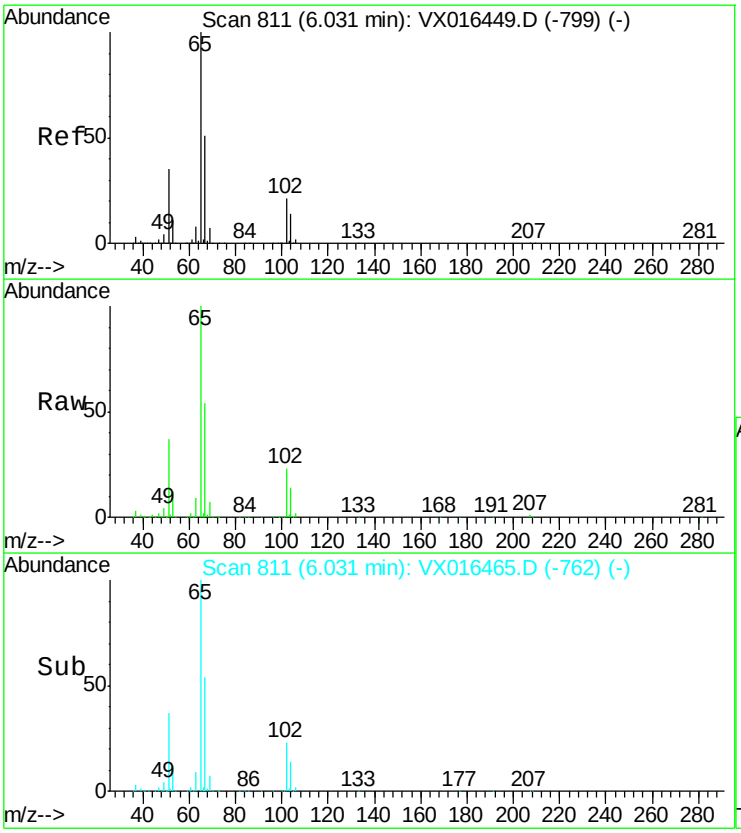
#31
Cyclohexane
Concen: 1.040 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.08 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument : MSVOA_X
ClientSampleId : C0AP5

Tgt Ion: 56 Resp: 5734

Ion	Ratio	Lower	Upper
56	100		
69	197.4	25.7	38.5#
84	164.8	70.0	105.0#

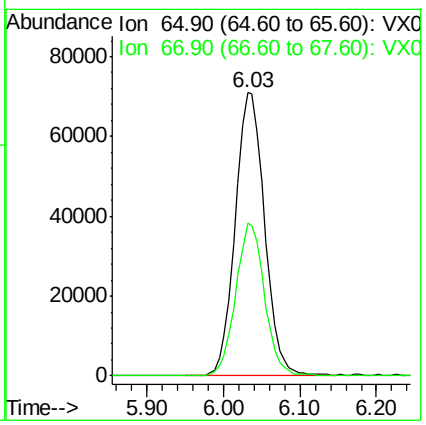


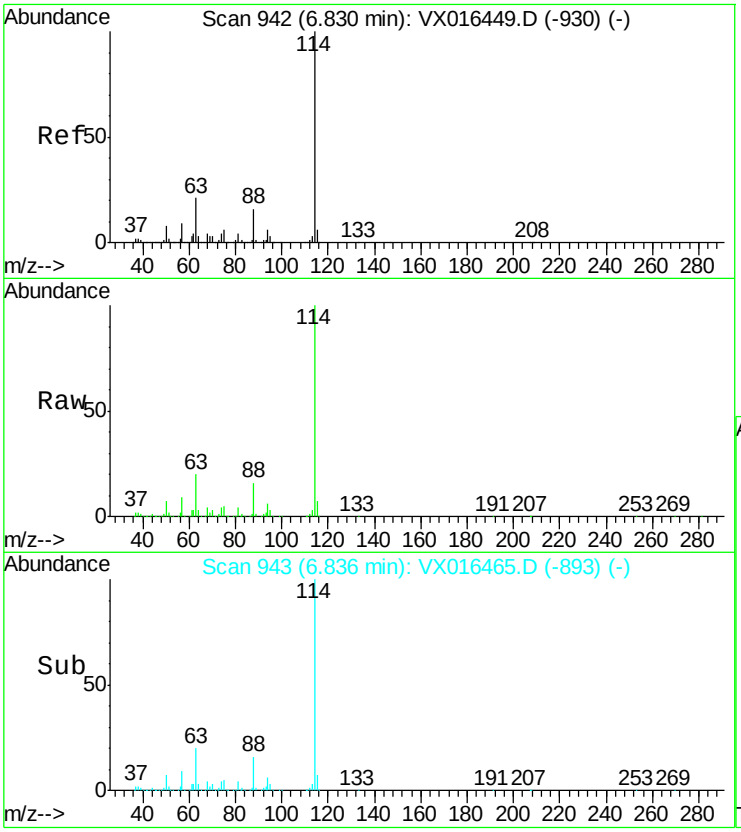


#33
1,2-Dichloroethane-d4
Concen: 47.623 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 65 Resp: 188961

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.8



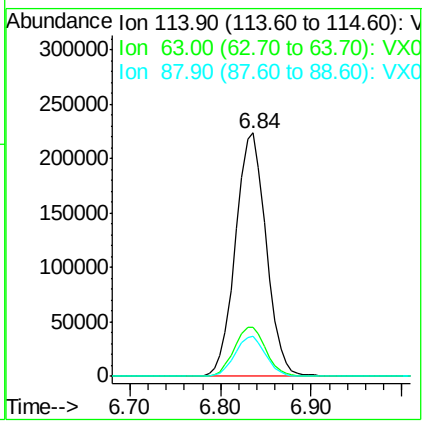


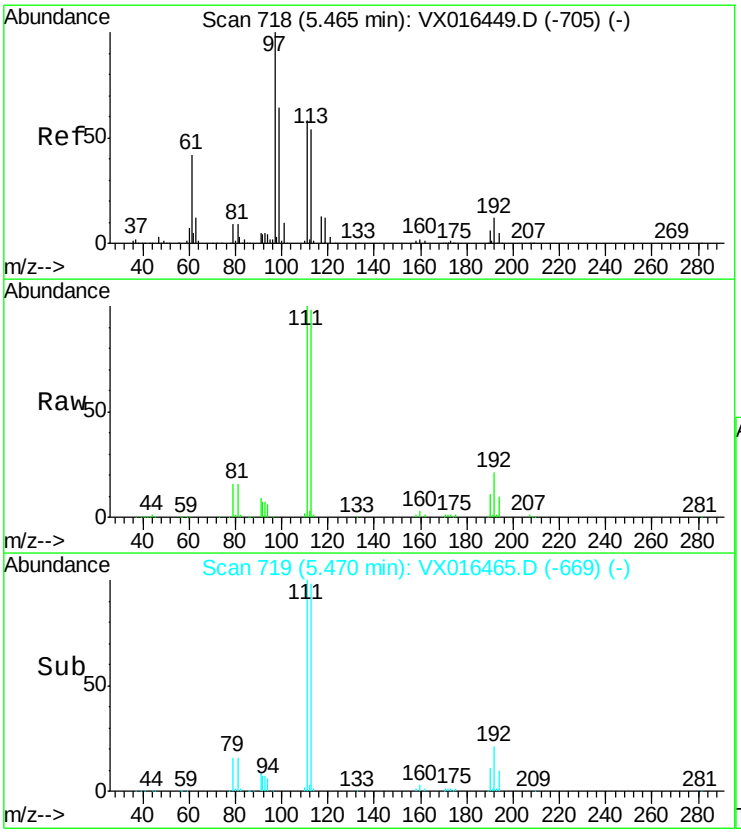
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion:114 Resp: 525378

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	16.4	0.0	32.8

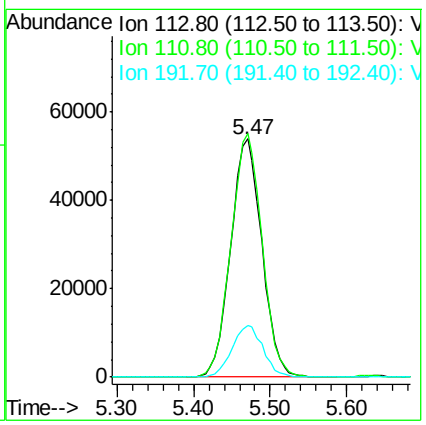


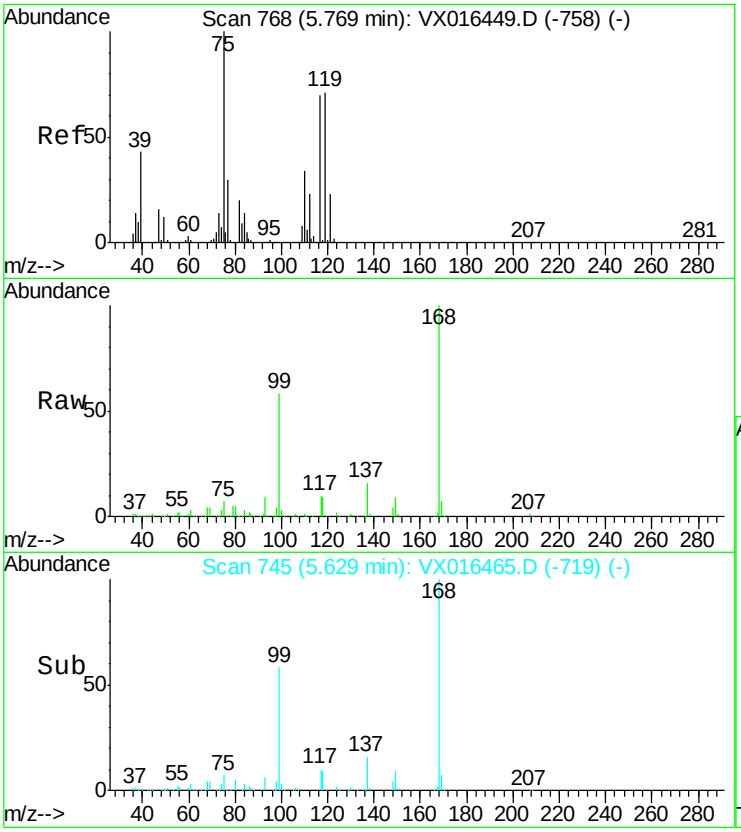


#35
Dibromofluoromethane
Concen: 47.153 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion:113 Resp: 152540

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.6
192	21.5	17.7	26.5



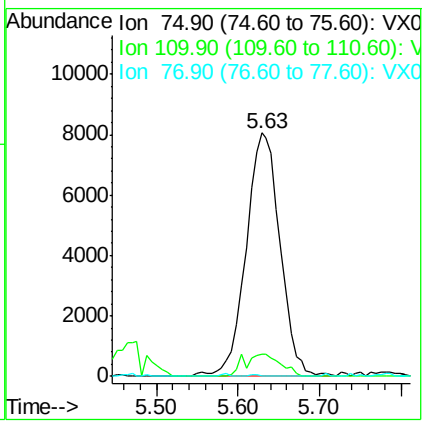


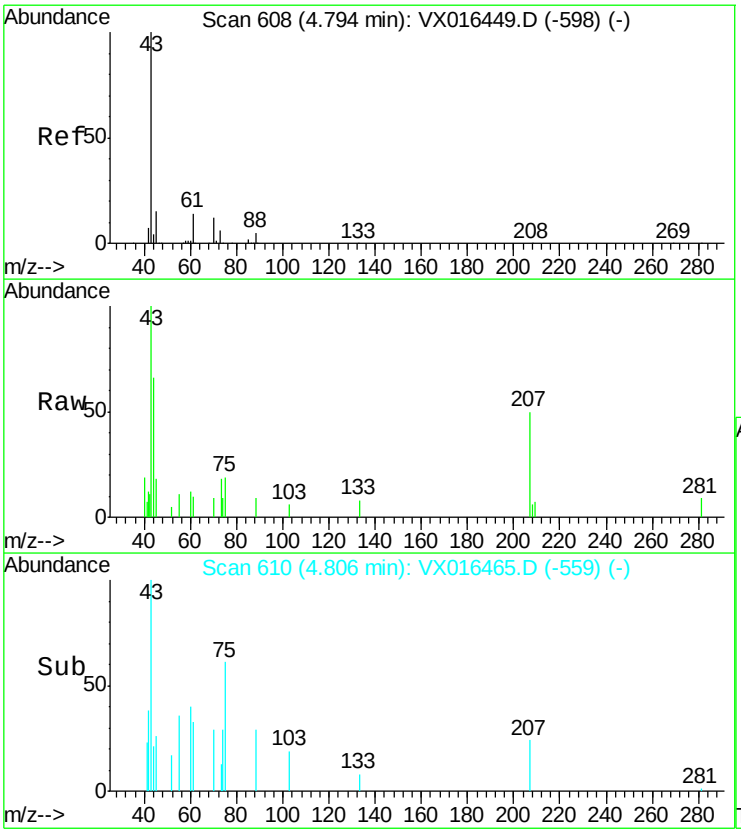
#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion: 75 Resp: 23302

Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.4	52.3#
77	0.2	24.2	36.4#

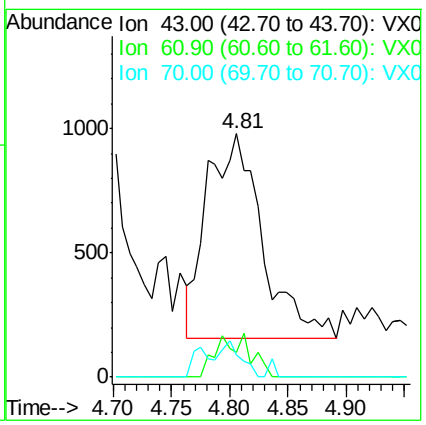


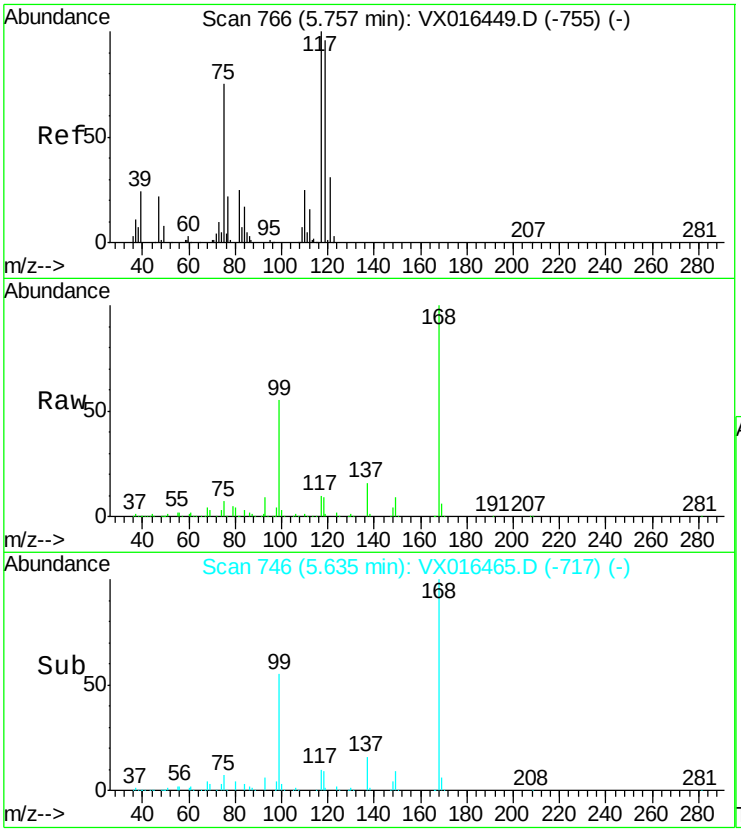


#37
Ethyl Acetate
Concen: 0.457 ug/l
RT: 4.81 min Scan# 610
Delta R.T. 0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 43 Resp: 2731

Ion	Ratio	Lower	Upper
43	100		
61	7.5	11.3	16.9#
70	6.2	9.3	13.9#



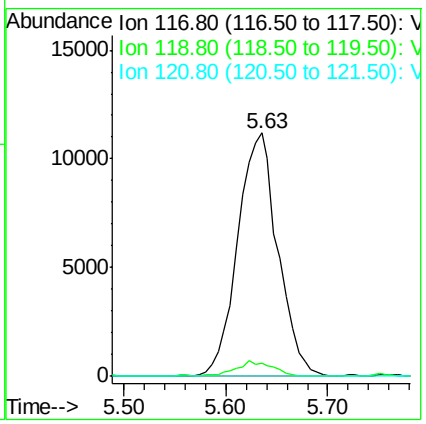


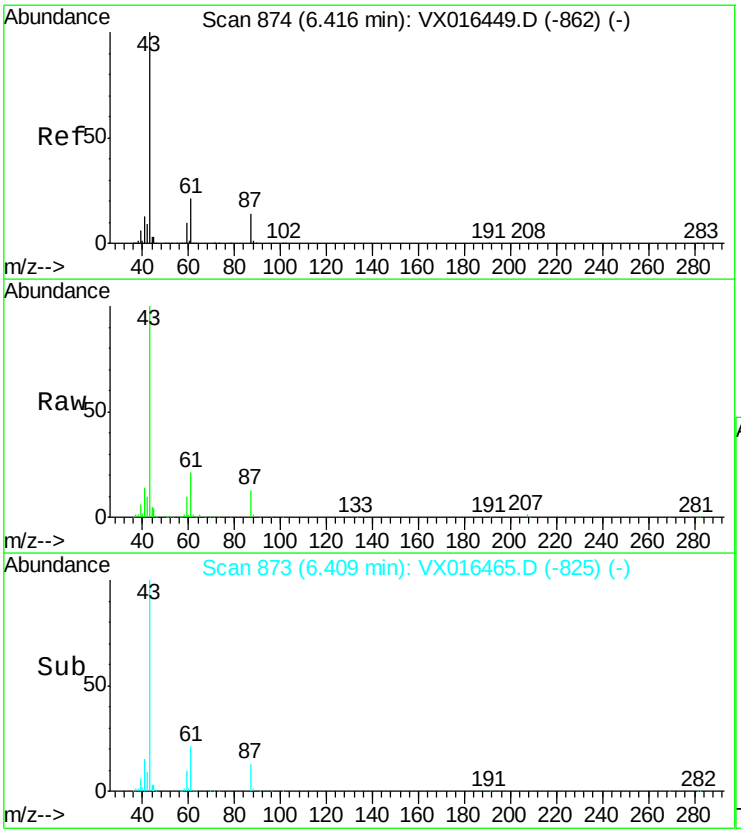
#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion:117 Resp: 30587

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.3	114.5#
121	0.0	24.6	37.0#

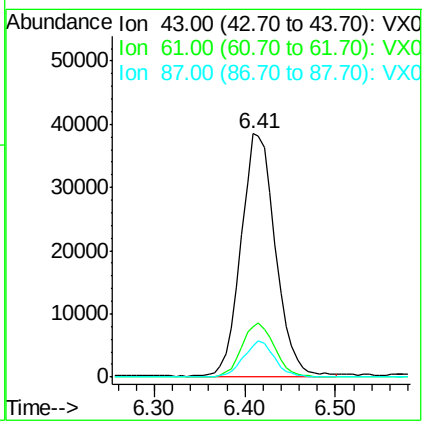


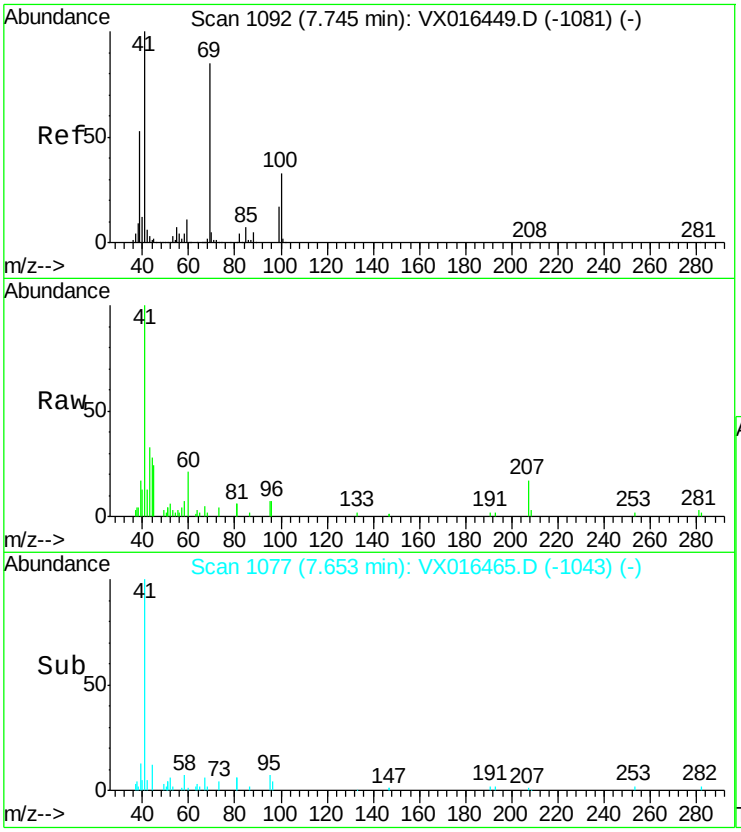


#43
Isopropyl Acetate
Concen: 10.814 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 43 Resp: 100732

Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	13.5	11.2	16.8



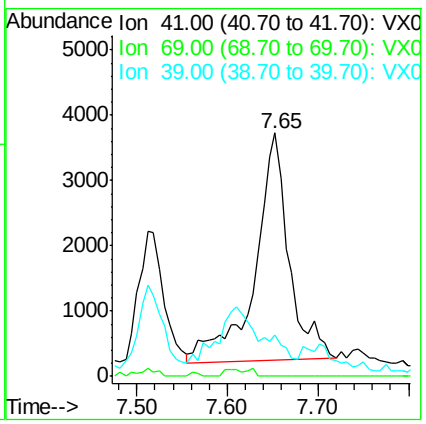


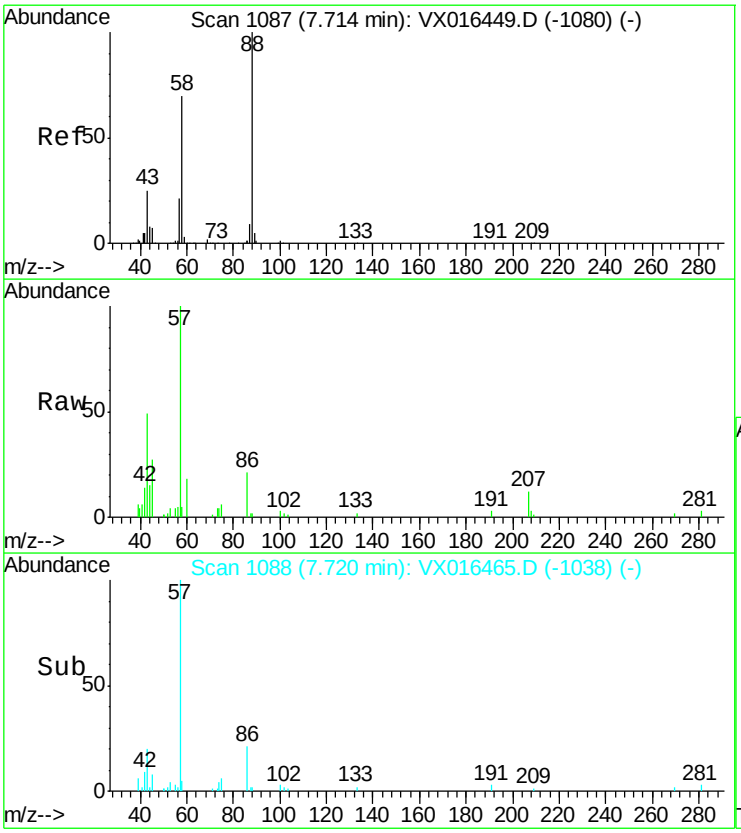
#48
Methyl methacrylate
Concen: 2.033 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument : MSVOA_X
ClientSampleId : C0AP5

Tgt Ion: 41 Resp: 9068

Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.6	102.8#
39	0.0	42.4	63.6#

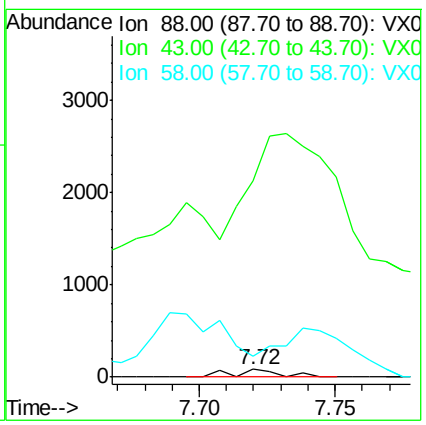


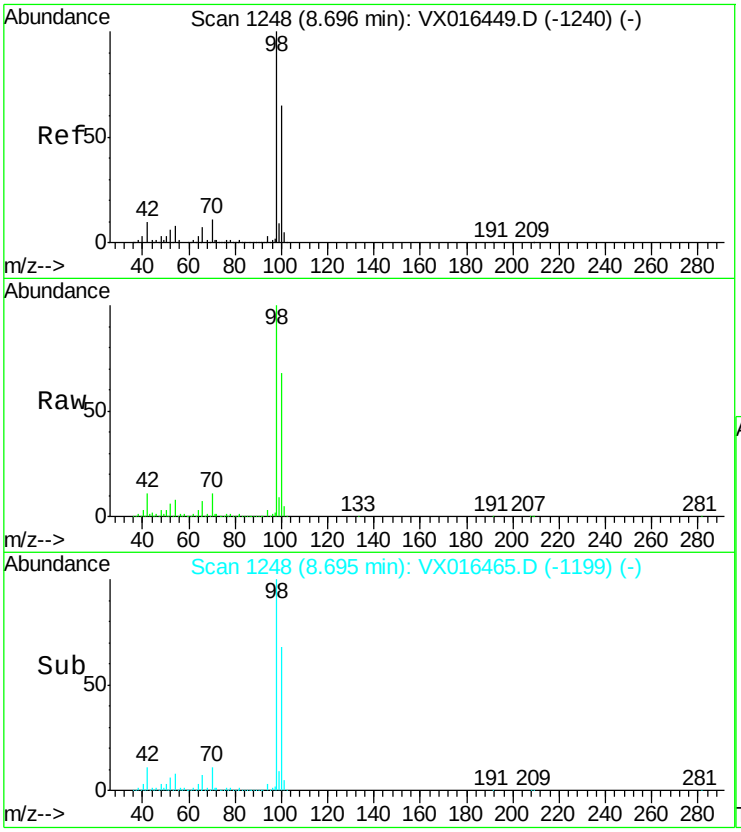


#49
1,4-Dioxane
Concen: 0.939 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 88 Resp: 98

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.2	36.4#
58	1011.2	56.5	84.7#



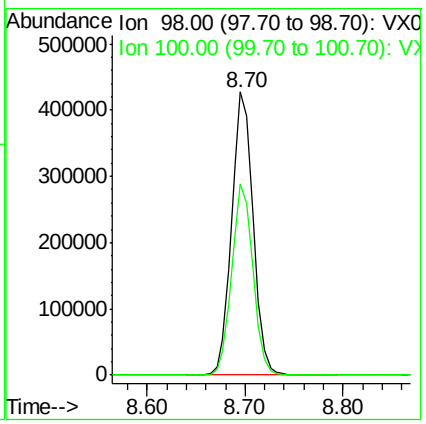


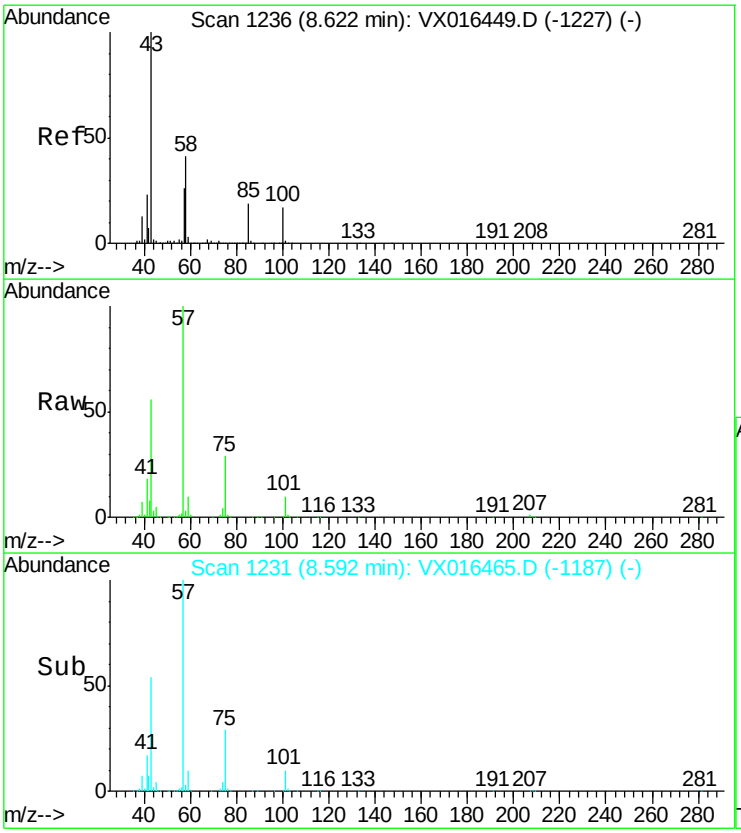
#50
Toluene-d8
Concen: 51.831 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion: 98 Resp: 652623

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6

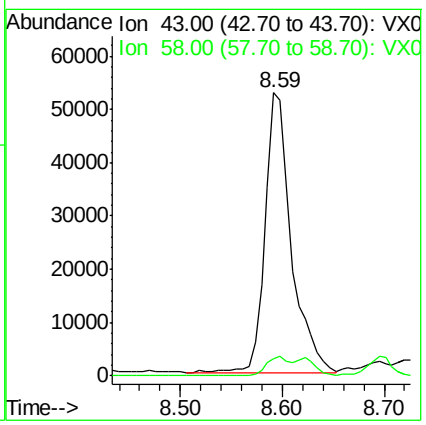


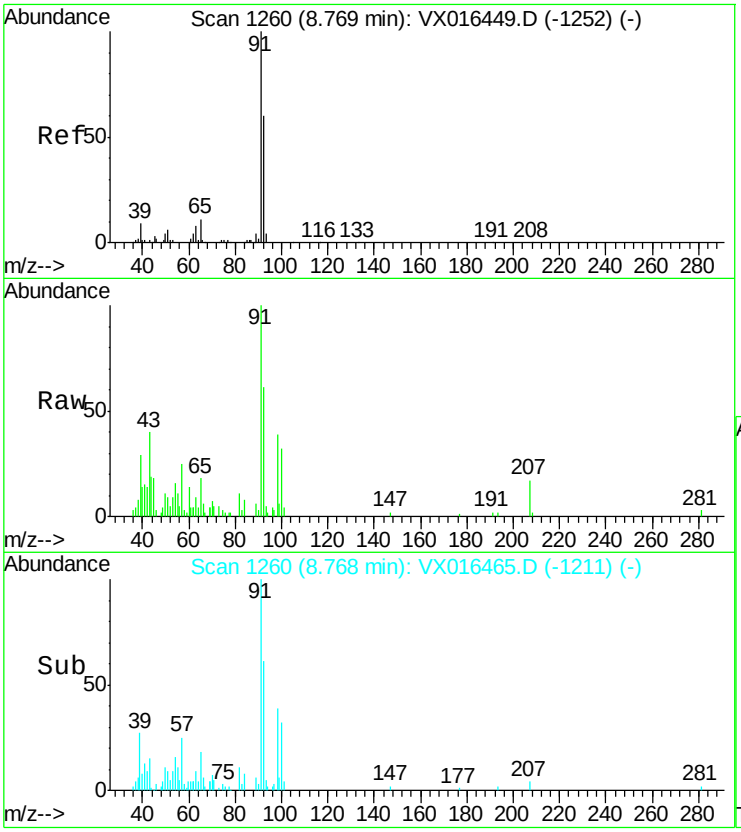


#51
4-Methyl-2-Pentanone
Concen: 16.102 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 43 Resp: 93396

Ion	Ratio	Lower	Upper
43	100		
58	6.5	33.0	49.6#



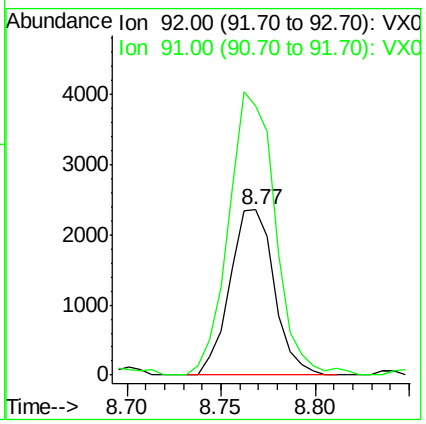


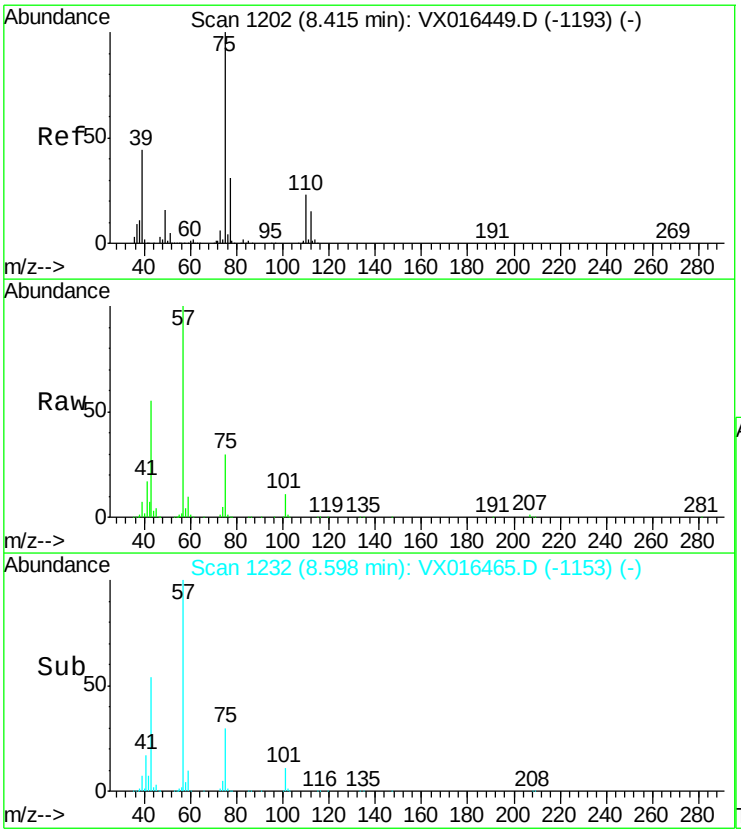
#52
Toluene
Concen: 0.412 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion: 92 Resp: 3845

Ion	Ratio	Lower	Upper
92	100		
91	179.9	135.0	202.4

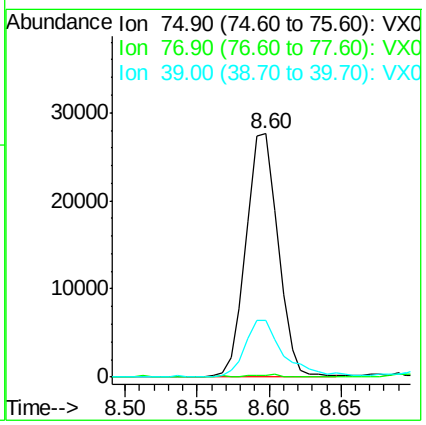


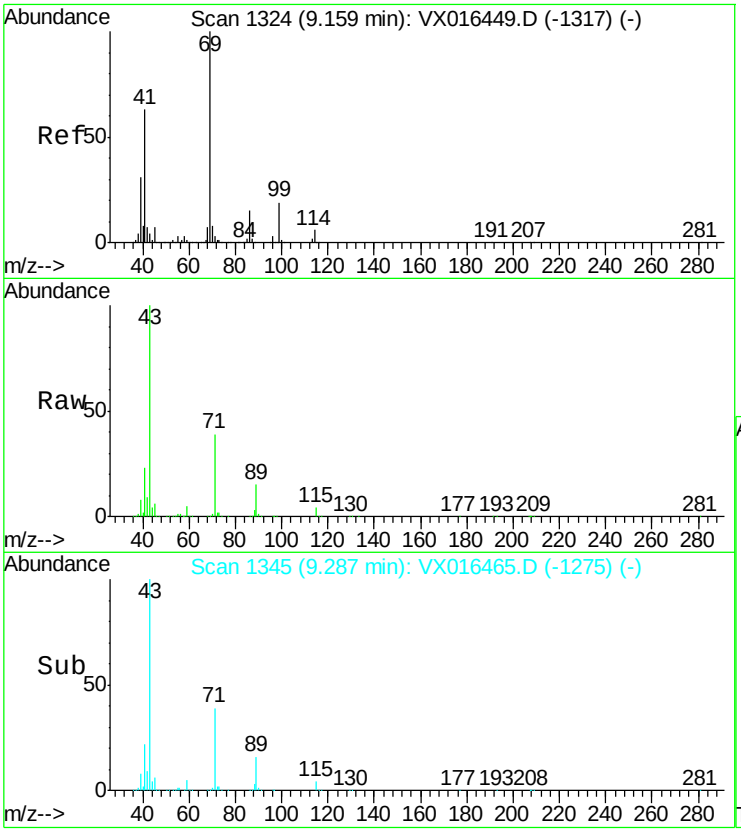


#54
cis-1,3-Dichloropropene
Concen: 6.759 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 75 Resp: 42666

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.6	36.8#
39	22.7	35.3	52.9#



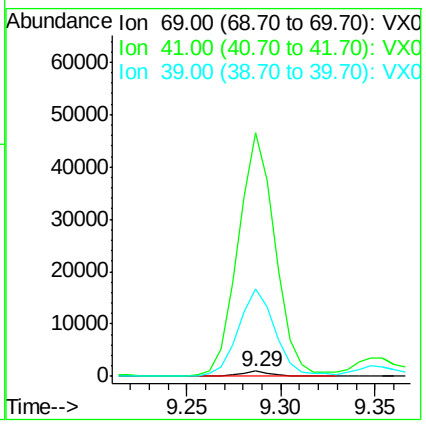


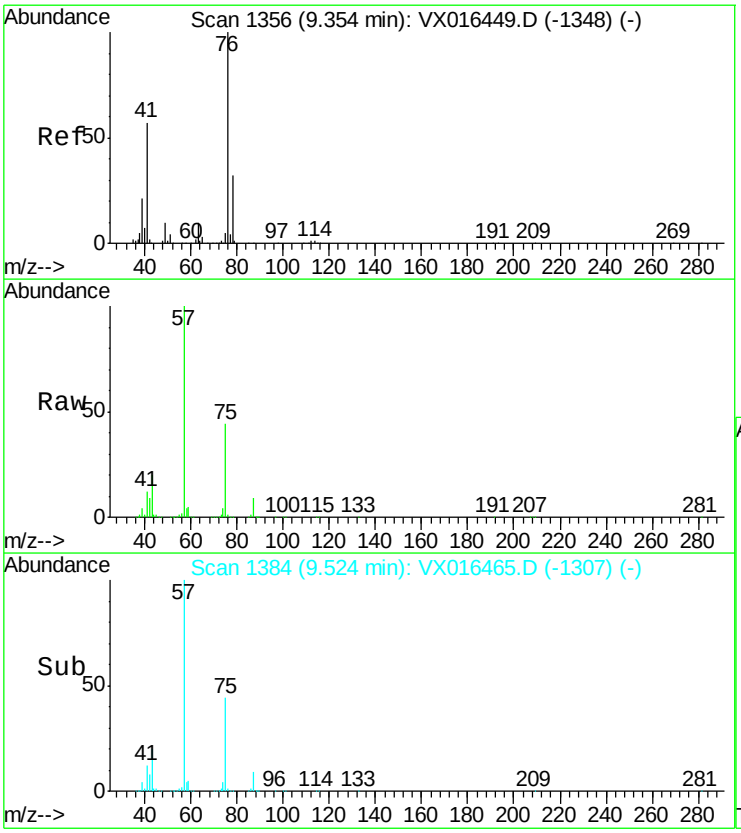
#56
Ethyl methacrylate
Concen: 0.219 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument : MSVOA_X
ClientSampleId : C0AP5

Tgt Ion: 69 Resp: 1323

Ion	Ratio	Lower	Upper
69	100		
41	4801.5	50.7	76.1#
39	1711.8	25.8	38.6#

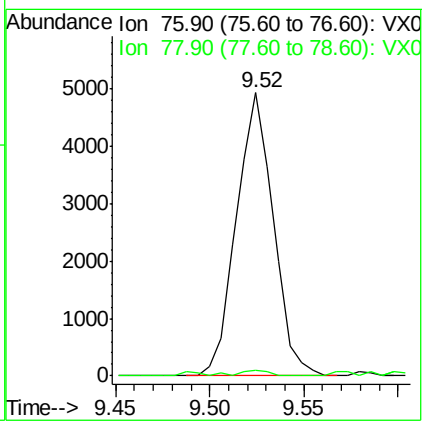


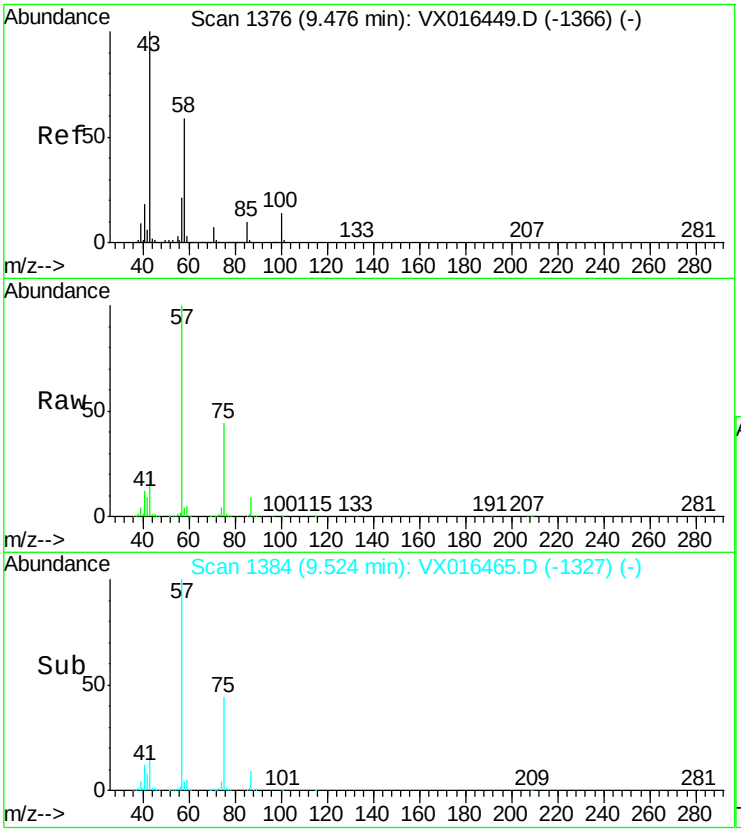


#57
1,3-Dichloropropane
Concen: 1.051 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 76 Resp: 6698

Ion	Ratio	Lower	Upper
76	100		
78	1.6	26.2	39.4#



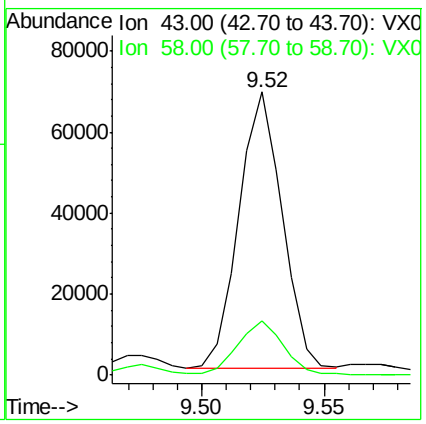


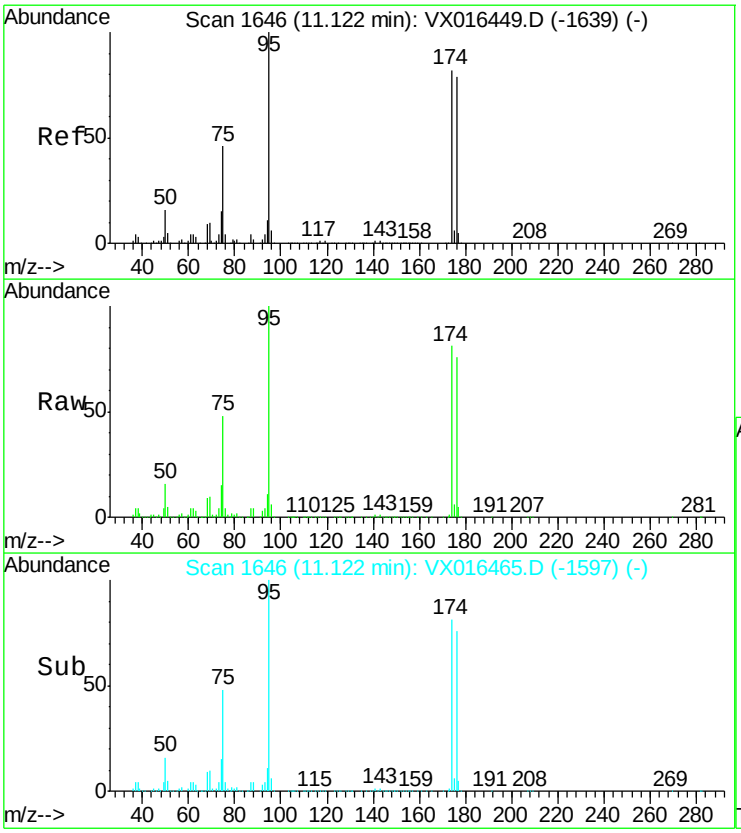
#59
2-Hexanone
Concen: 18.616 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion: 43 Resp: 83972

Ion	Ratio	Lower	Upper
43	100		
58	21.3	28.8	86.4#

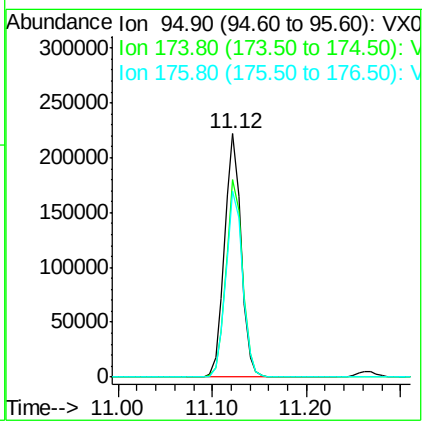


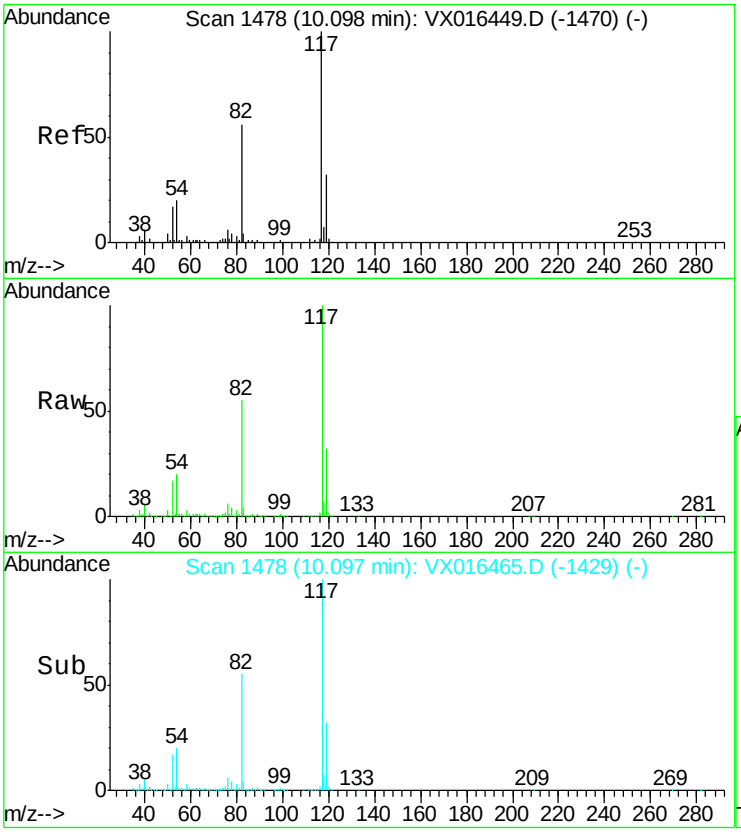


#62
4-Bromofluorobenzene
Concen: 55.858 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 95 Resp: 271764

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	163.0
176	77.2	0.0	156.8



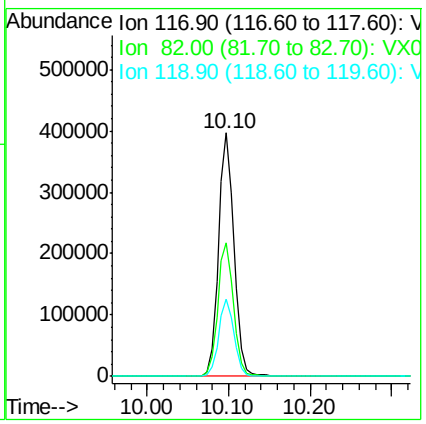


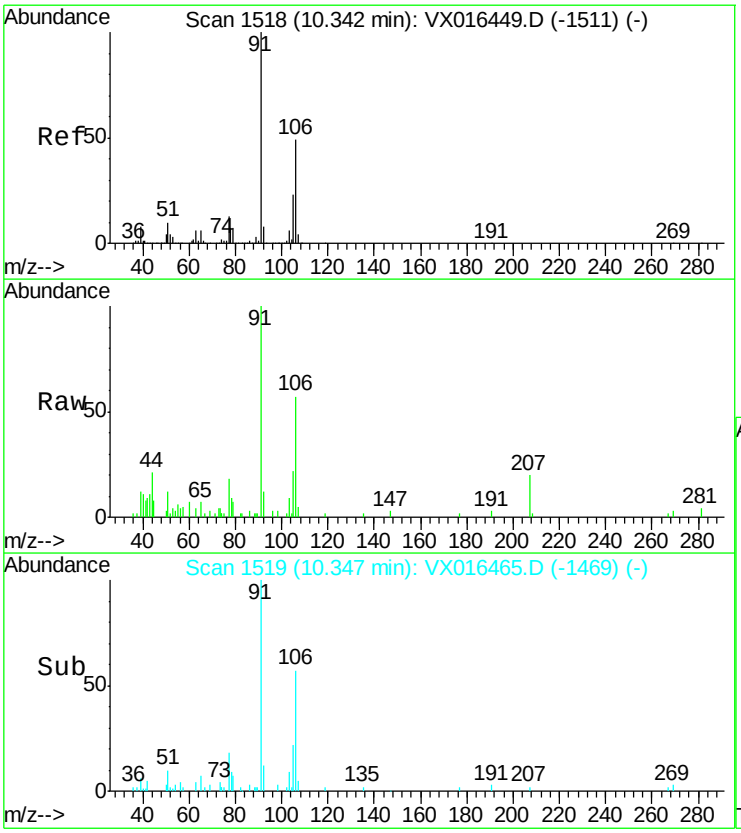
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion:117 Resp: 526369

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.6
119	31.8	25.8	38.8

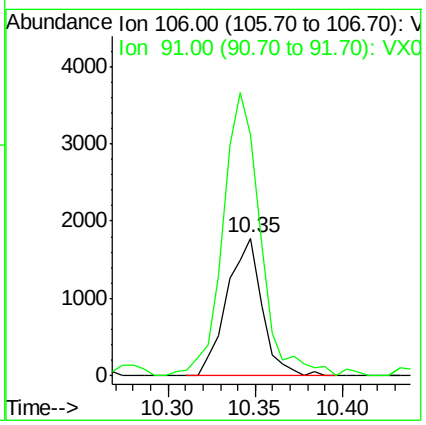


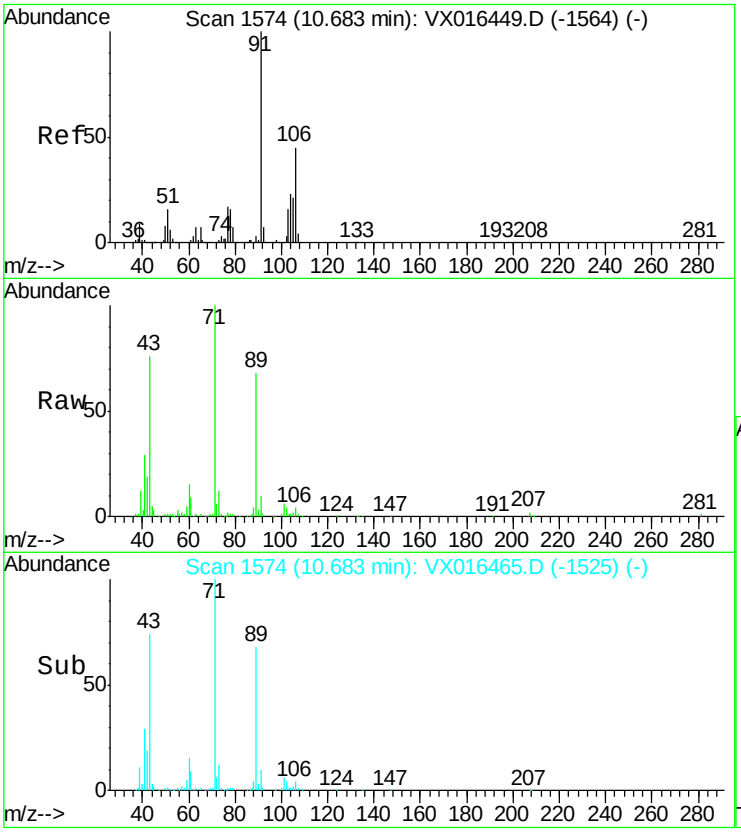


#68
m/p-Xylenes
Concen: 0.349 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion:106 Resp: 2471

Ion	Ratio	Lower	Upper
106	100		
91	220.4	163.8	245.8



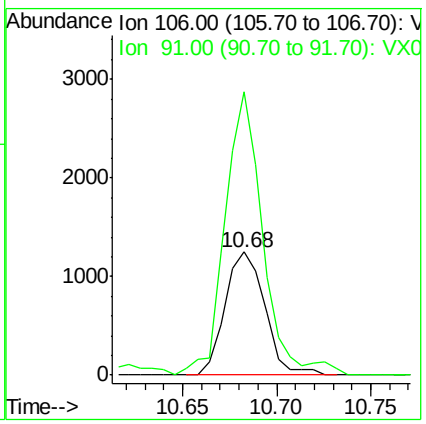


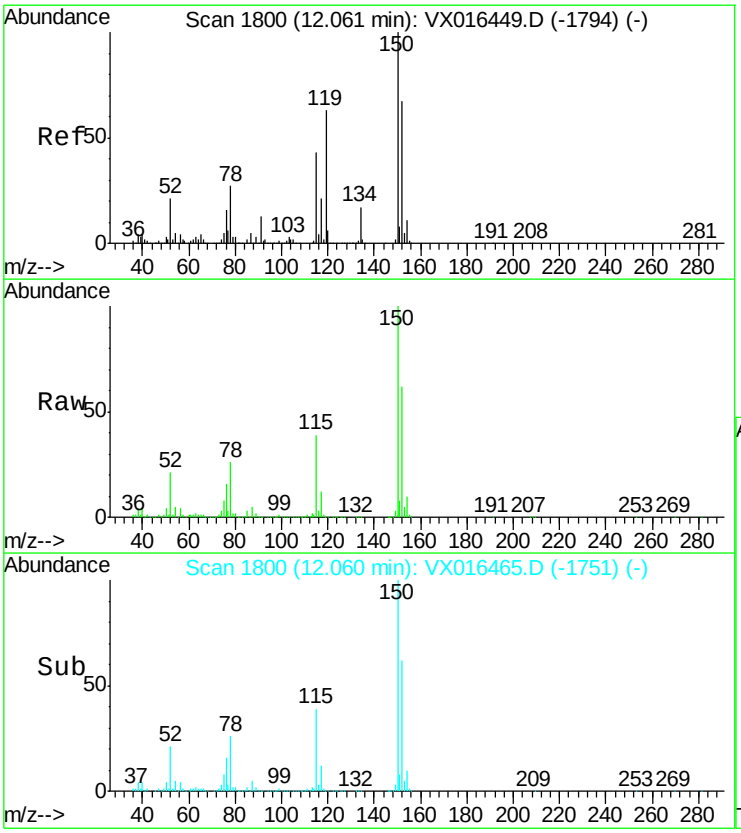
#69
o-Xylene
Concen: 0.267 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion:106 Resp: 1830

Ion	Ratio	Lower	Upper
106	100		
91	217.9	109.6	328.8

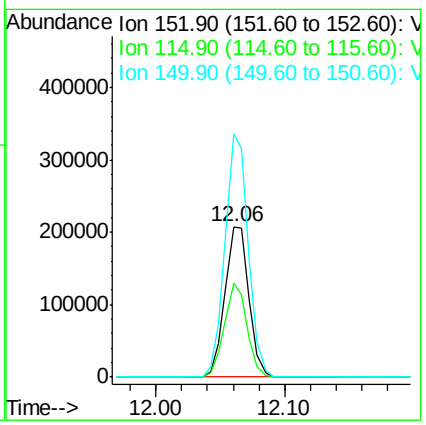


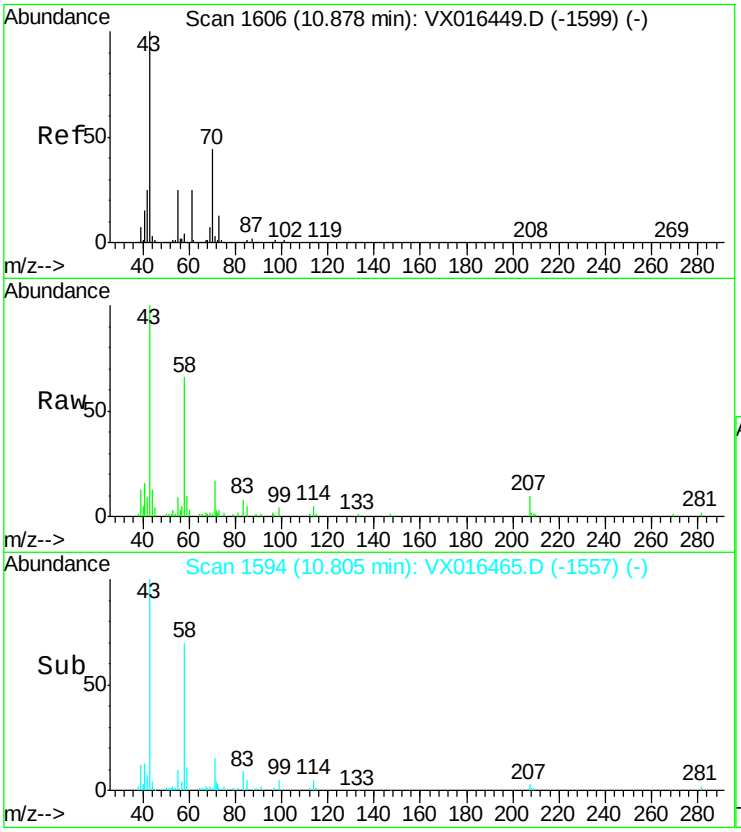


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion:152 Resp: 272698

Ion	Ratio	Lower	Upper
152	100		
115	59.5	39.9	119.6
150	157.0	0.0	341.0



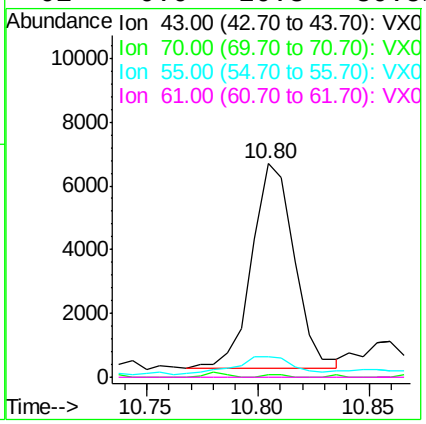


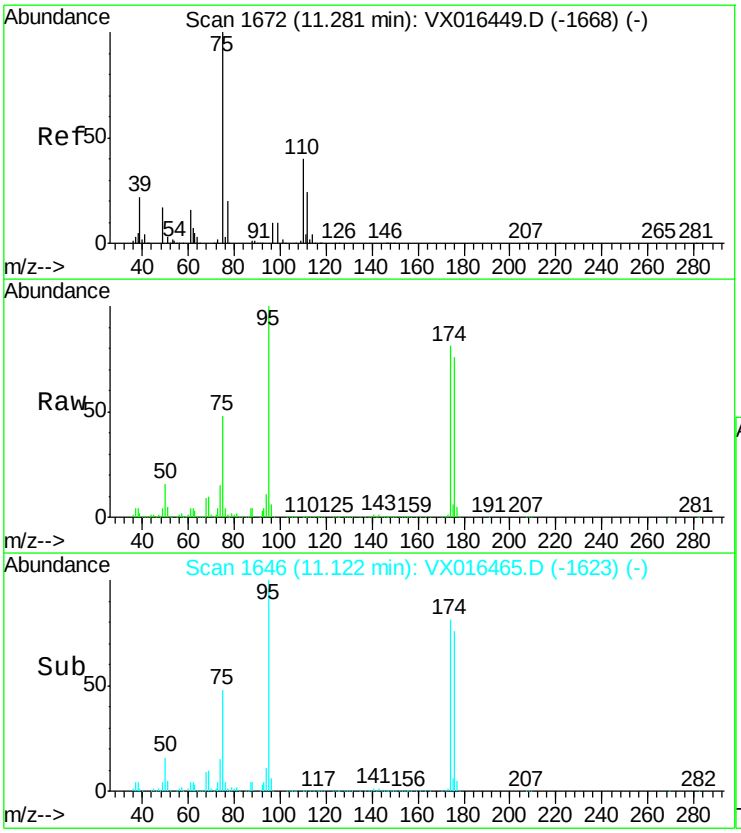
#74
N-amyl acetate
Concen: 0.986 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument : MSVOA_X
ClientSampleId : C0AP5

Tgt Ion: 43 Resp: 8570

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.1	54.1#
55	12.8	20.2	30.4#
61	0.0	20.3	30.5#

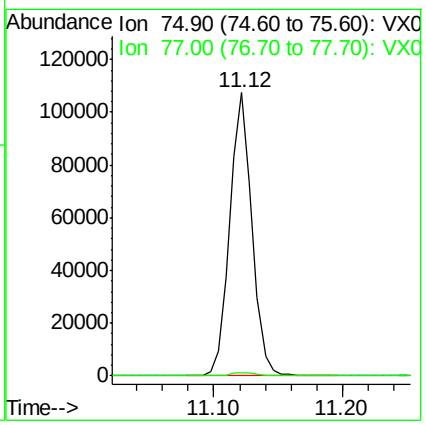


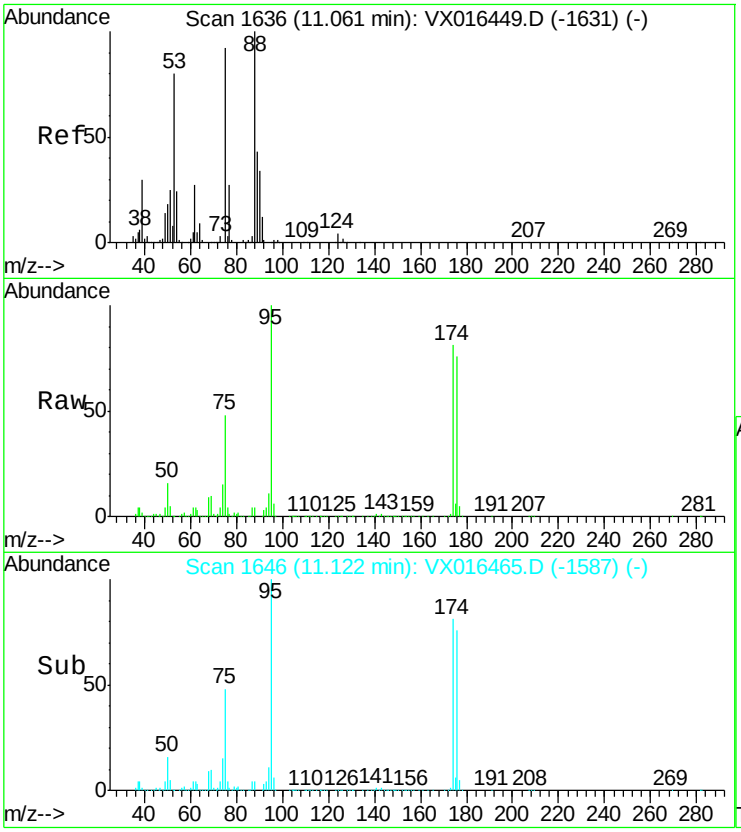


#76
1,2,3-Trichloropropane
Concen: 21.629 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion: 75 Resp: 129647

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.3	63.7#



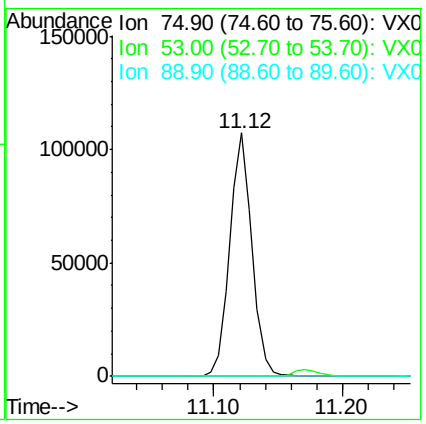


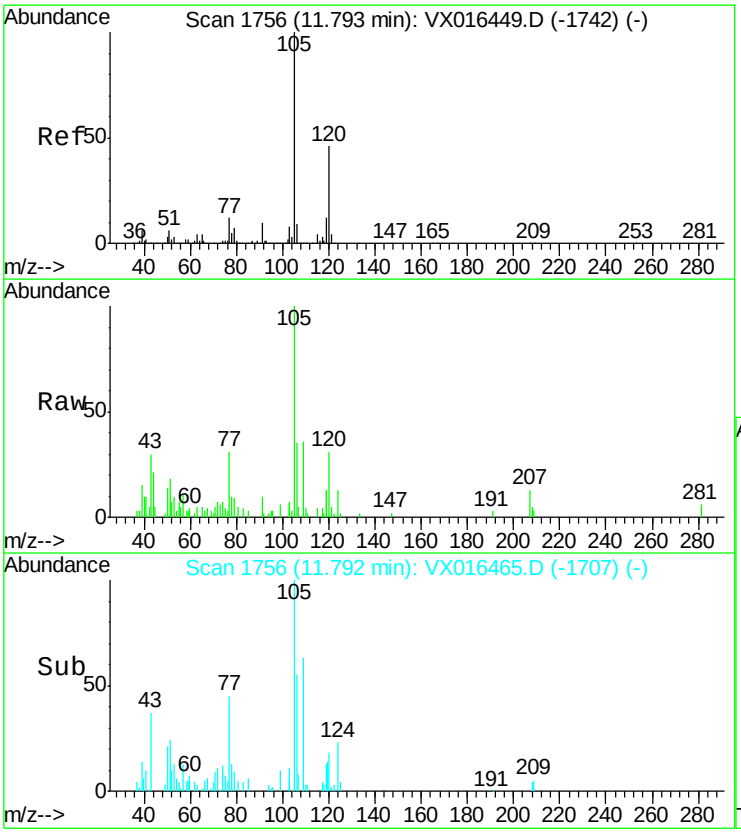
#81
trans-1,4-Dichloro-2-butene
Concen: 53.205 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion: 75 Resp: 129647

Ion	Ratio	Lower	Upper
75	100		
53	0.2	71.3	106.9#
89	0.0	36.6	55.0#

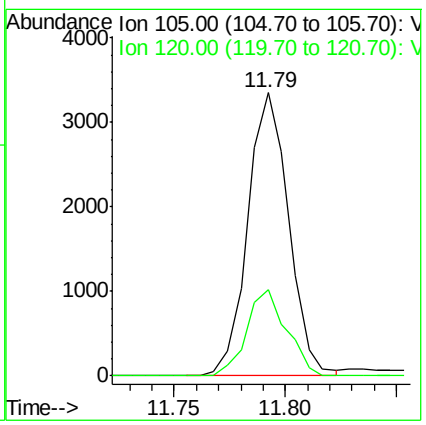


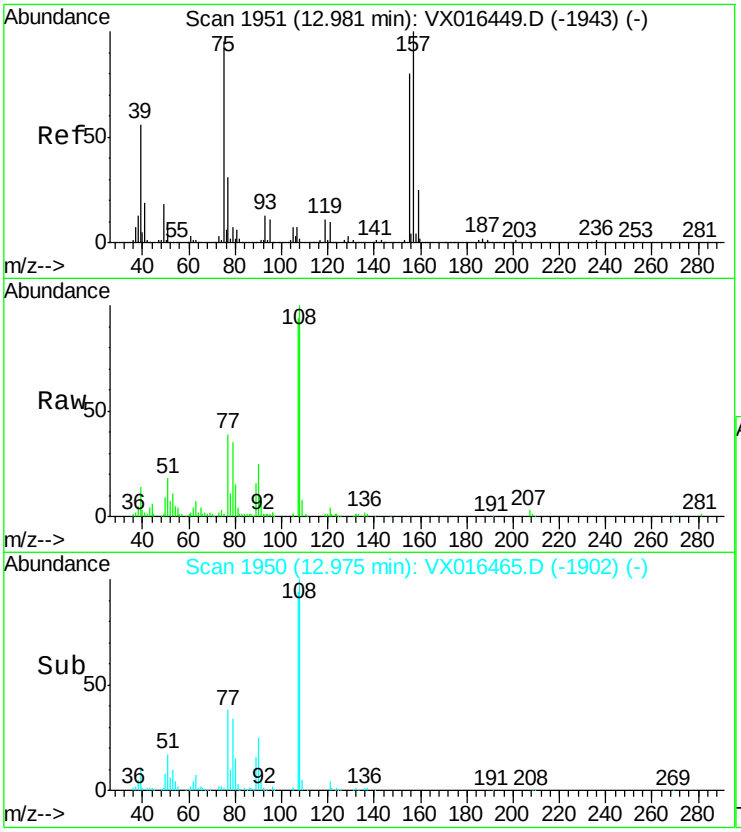


#84
1,2,4-Trimethylbenzene
Concen: 0.269 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion:105 Resp: 4295

Ion	Ratio	Lower	Upper
105	100		
120	29.6	22.6	67.7



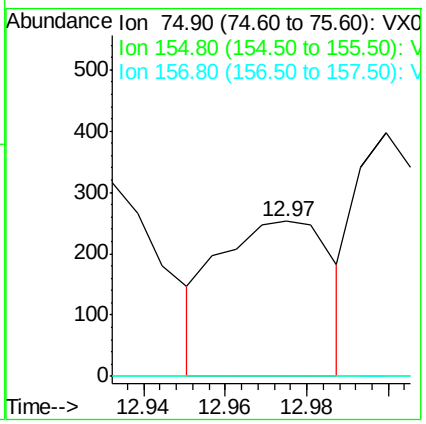


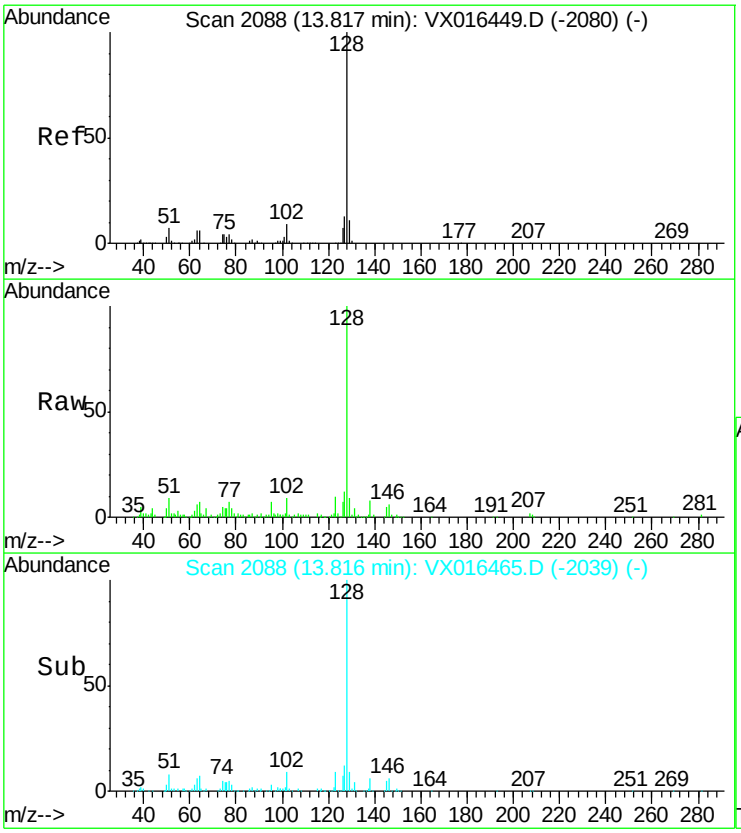
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.318 ug/l
RT: 12.97 min Scan# 1950
Delta R.T. -0.01 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
C0AP5

Tgt Ion: 75 Resp: 487

Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.1	132.4#
157	0.0	57.8	173.3#





#95
Naphthalene
Concen: 1.887 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016465.D
Acq: 27 May 2020 22:54

Tgt Ion:128 Resp: 35736

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	11.7	8.6	13.0