Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051920\
Data File : VX016342.D
Acq On : 19 May 2020 18:04
Operator : JC/SP
Sample : L2663-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 1369

Quant Time: May 20 03:49:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.64	168	229006	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	381852	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	367079	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181485	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	134765	44.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.44%				
35) Dibromofluoromethane	5.47	113	112438	46.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.96%				
50) Toluene-d8	8.70	98	470147	50.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.88%				
62) 4-Bromofluorobenzene	11.12	95	185200	52.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.48%				
Target Compounds							Qvalue
11) Tert butyl alcohol	3.01	59	49220	64.590	ug/l		100
13) Acrolein	2.28	56	922	1.934	ug/l	#	77
14) Allyl chloride	2.68	41	6799	1.558	ug/l	#	45
15) Acrylonitrile	3.12	53	1344	0.850	ug/l		92
16) Acetone	2.42	43	243345	180.981	ug/l		94
17) Carbon Disulfide	2.55	76	5884	0.619	ug/l	#	93
18) Methyl Acetate	2.75	43	2292	0.693	ug/l		93
20) Methylene Chloride	2.84	84	1018	0.367	ug/l		88
22) Diisopropyl ether	3.91	45	3173	0.385	ug/l	#	1
23) Vinyl Acetate	3.92	43	7260	1.002	ug/l	#	71
25) 2-Butanone	4.64	43	42278	19.513	ug/l		94
29) Tetrahydrofuran	5.08	42	493	0.343	ug/l	#	31
30) Chloroform	5.18	83	1112	0.242	ug/l		84
31) Cyclohexane	5.64	56	4109	0.982	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	16175	4.303	ug/l	#	49
37) Ethyl Acetate	4.81	43	1574	0.361	ug/l	#	81
38) Carbon Tetrachloride	5.63	117	21680	5.675	ug/l	#	14
48) Methyl methacrylate	7.63	41	4782	1.452	ug/l	#	36
51) 4-Methyl-2-Pentanone	8.62	43	6375	1.499	ug/l		98
52) Toluene	8.77	92	2680	0.391	ug/l		91
59) 2-Hexanone	9.48	43	7996	2.394	ug/l		95
68) m/p-Xylenes	10.34	106	1068	0.208	ug/l		98
74) N-amyl acetate	10.90	43	1312	0.213	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	11.31	83	123	2.099	ug/l	#	1
76) 1,2,3-Trichloropropane	11.12	75	88954	21.600	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.12	75	88954	51.474	ug/l	#	13
84) 1,2,4-Trimethylbenzene	11.79	105	4312	0.383	ug/l	#	62
86) p-Isopropyltoluene	12.05	119	3595	0.299	ug/l	#	74

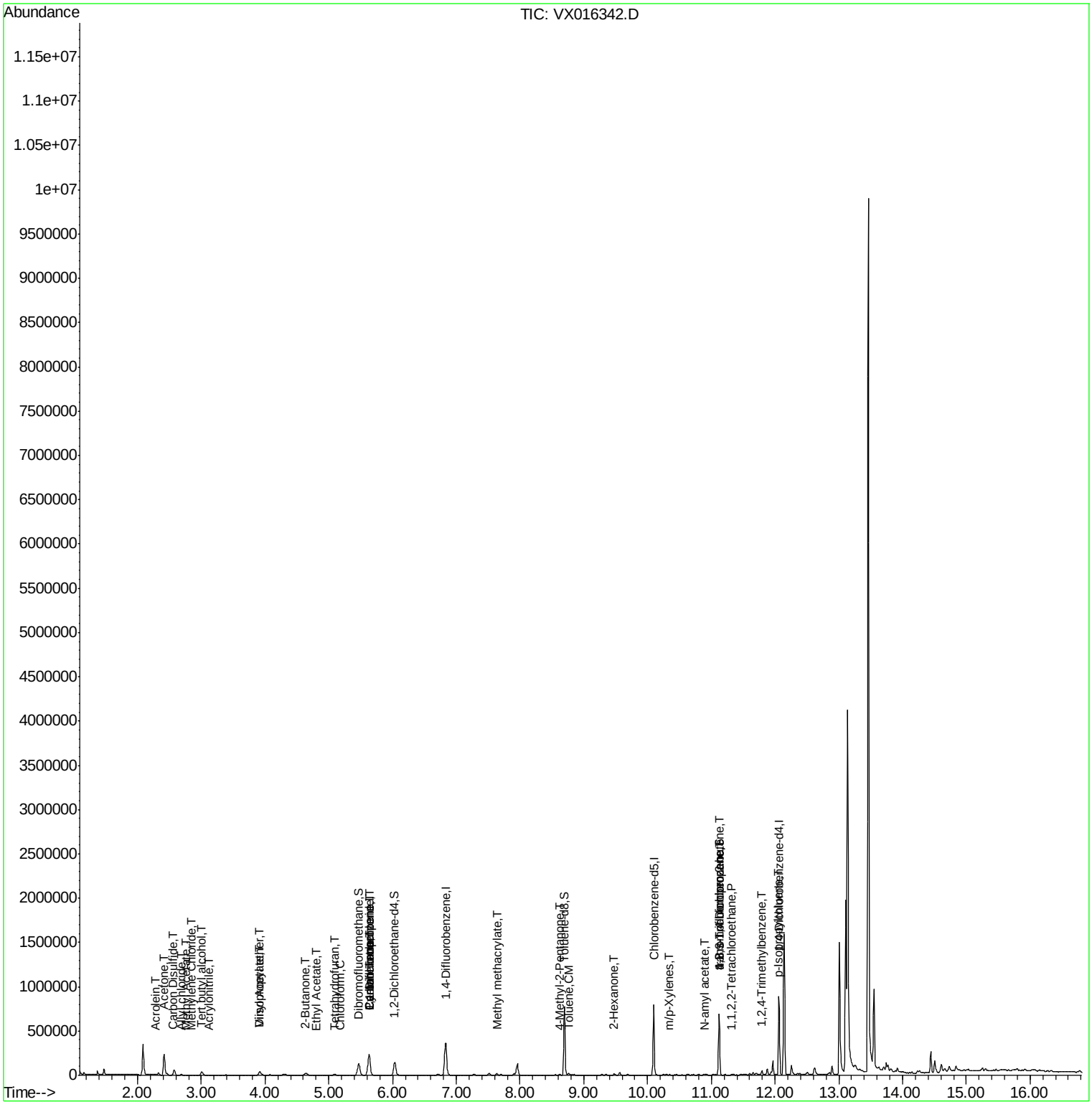
(#) = qualifier out of range (m) = manual integration (+) = signals summed

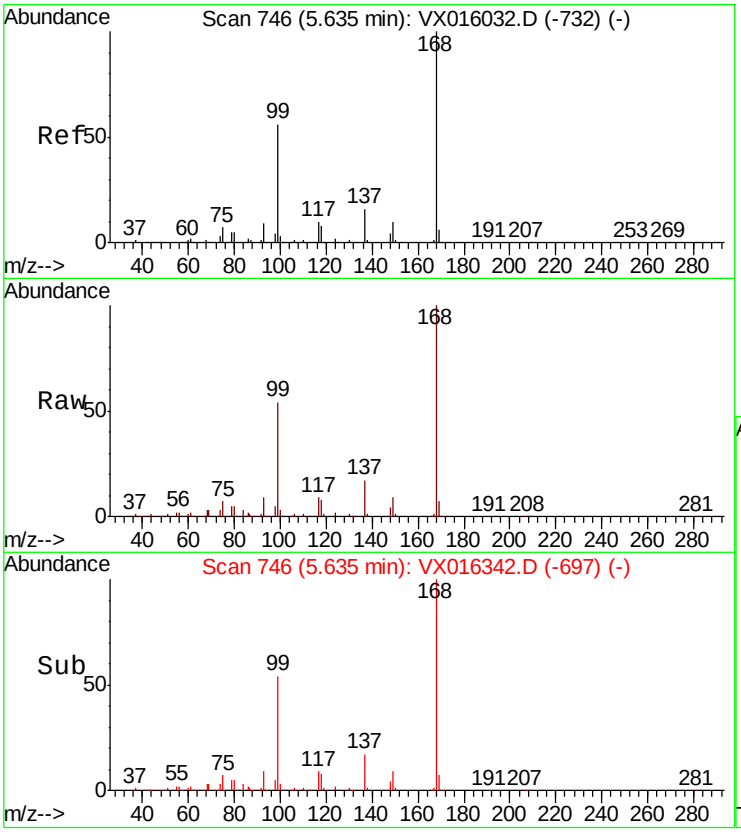
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051920\
Data File : VX016342.D
Acq On : 19 May 2020 18:04
Operator : JC/SP
Sample : L2663-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 1369

Quant Time: May 20 03:49:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration



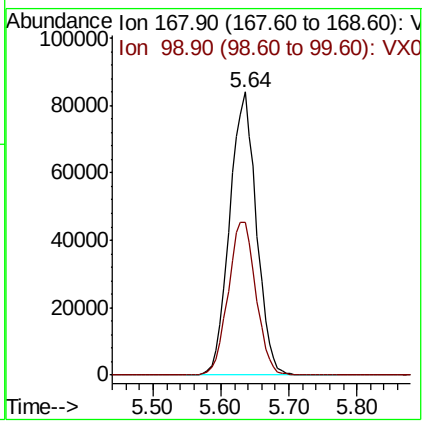


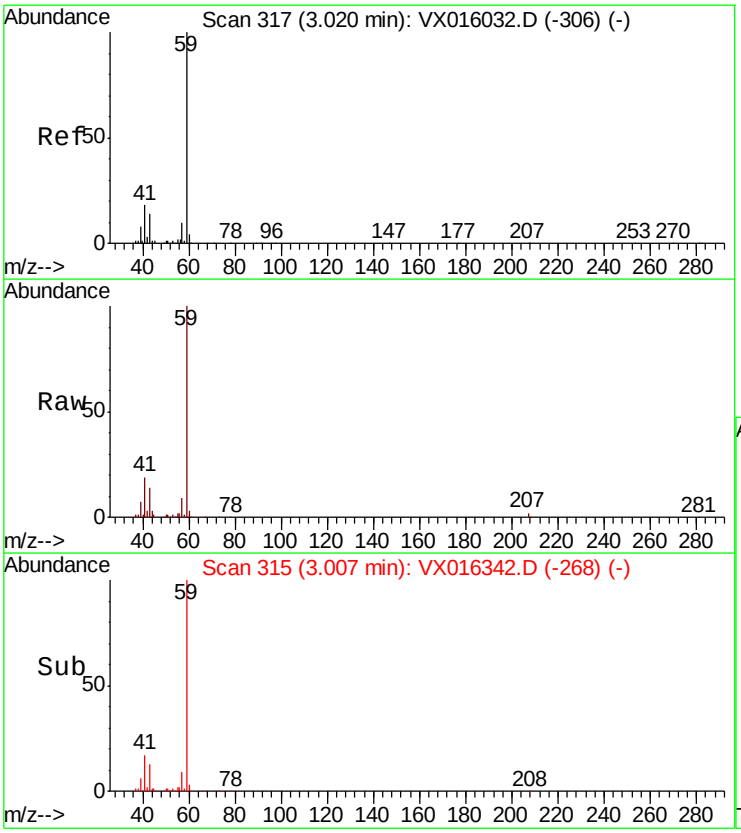
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion:168 Resp: 229006

Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.0	67.4

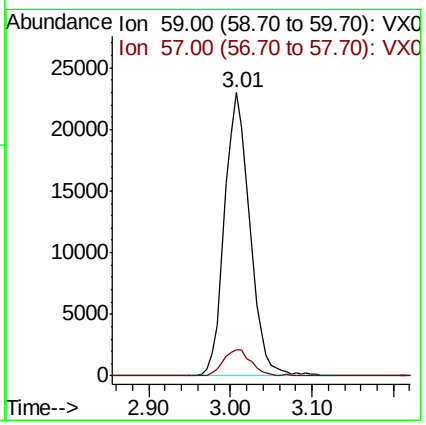


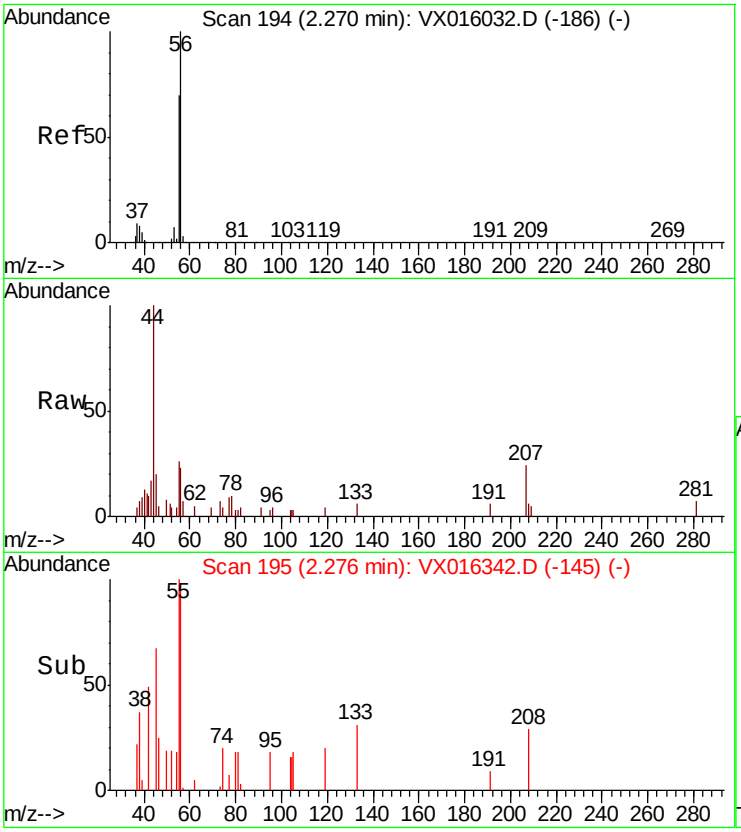


#11
Tert butyl alcohol
Concen: 64.590 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 59 Resp: 49220

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4



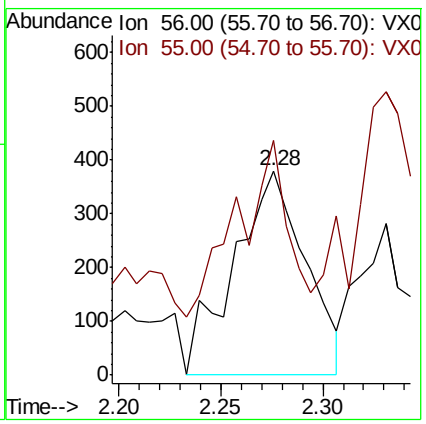


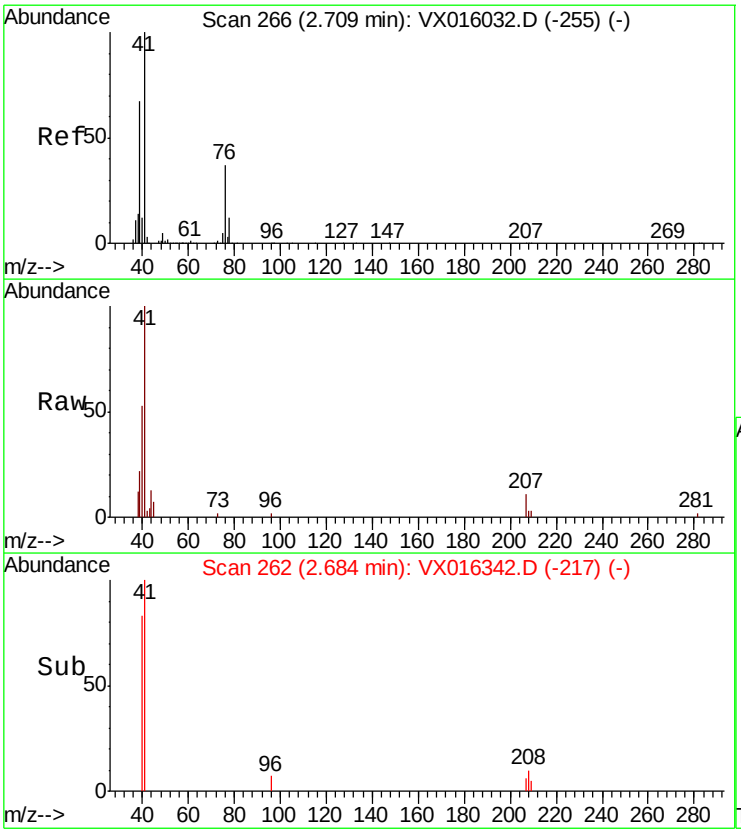
#13
Acrolein
Concen: 1.934 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion: 56 Resp: 922

Ion	Ratio	Lower	Upper
56	100		
55	89.2	56.5	84.7#

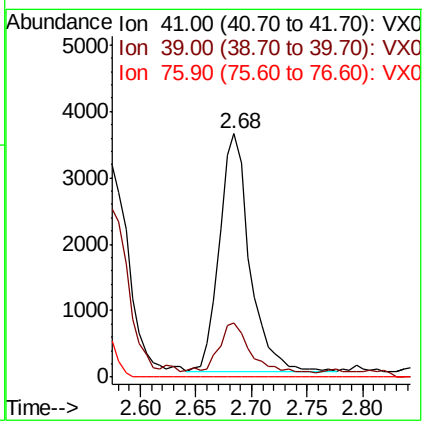


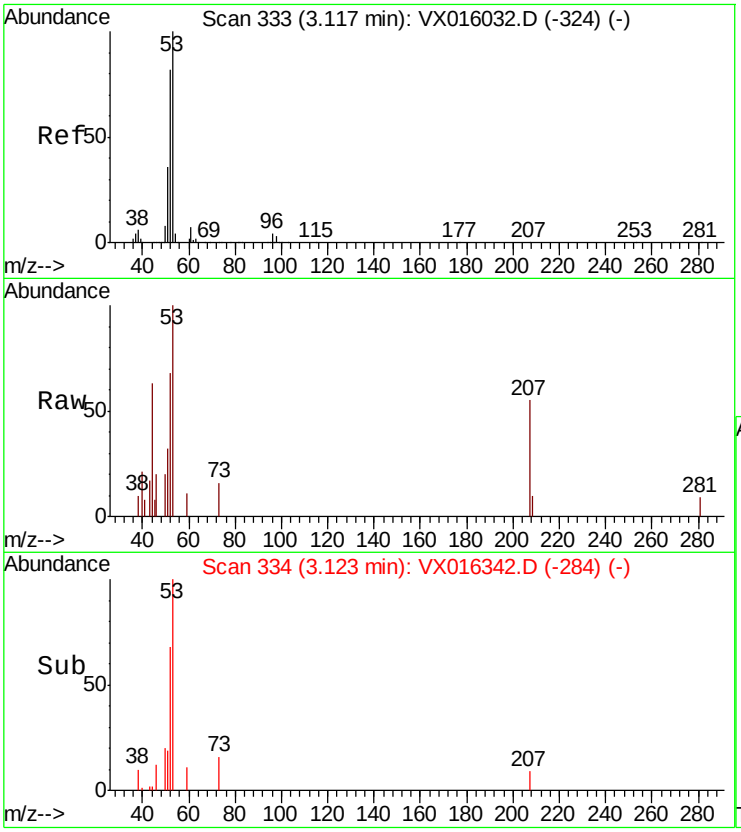


#14
Allyl chloride
Concen: 1.558 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 41 Resp: 6799

Ion	Ratio	Lower	Upper
41	100		
39	21.9	50.5	75.7#
76	0.0	26.6	40.0#



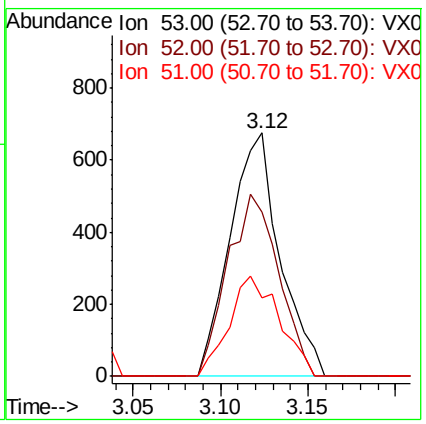


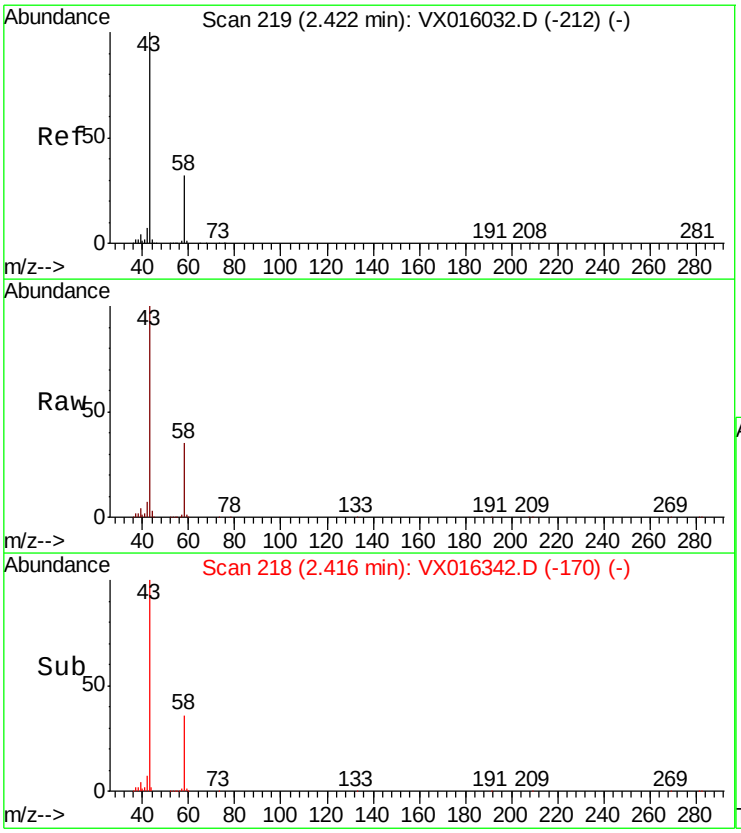
#15
Acrylonitrile
Concen: 0.850 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion: 53 Resp: 1344

Ion	Ratio	Lower	Upper
53	100		
52	76.2	66.1	99.1
51	41.7	28.8	43.2

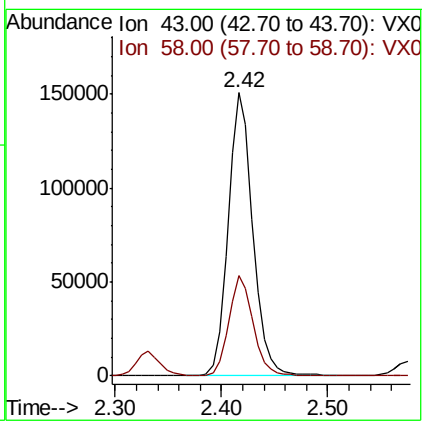


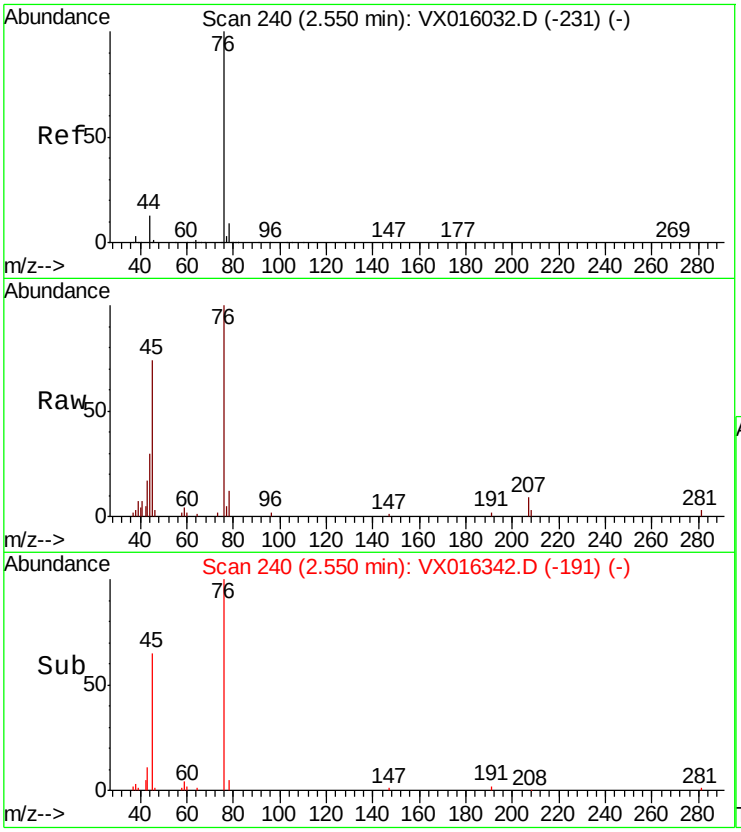


#16
Acetone
Concen: 180.981 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 43 Resp: 243345

Ion	Ratio	Lower	Upper
43	100		
58	35.2	25.4	38.0



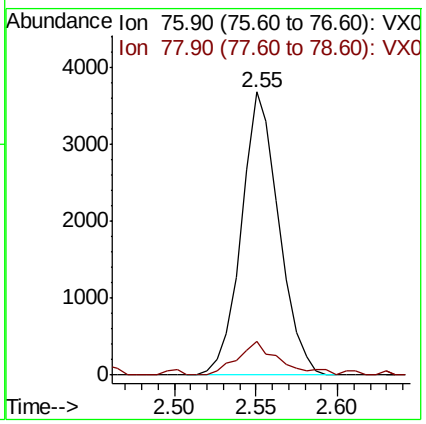


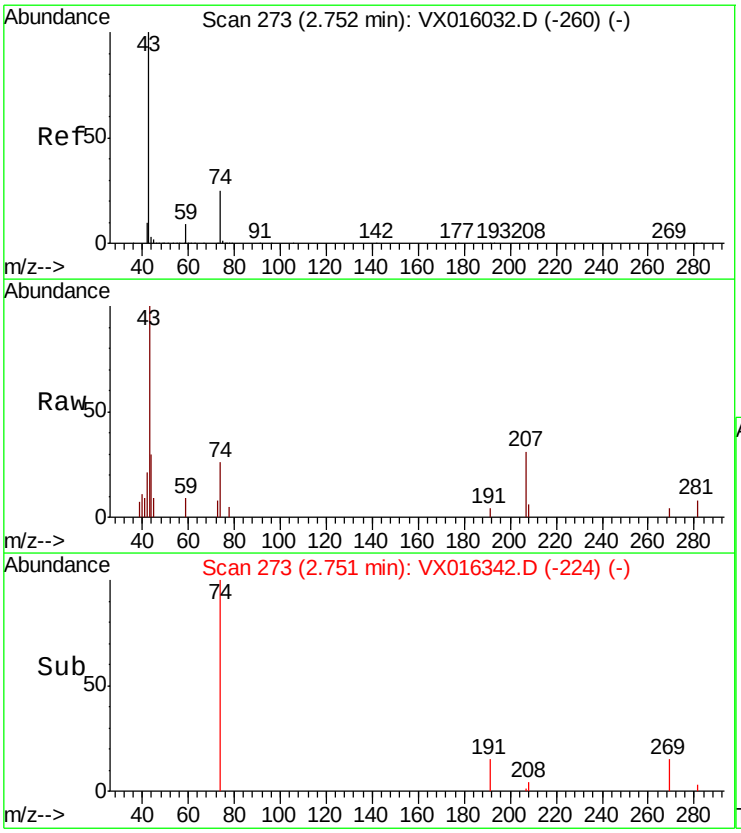
#17
Carbon Disulfide
Concen: 0.619 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion: 76 Resp: 5884

Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.5	11.3#

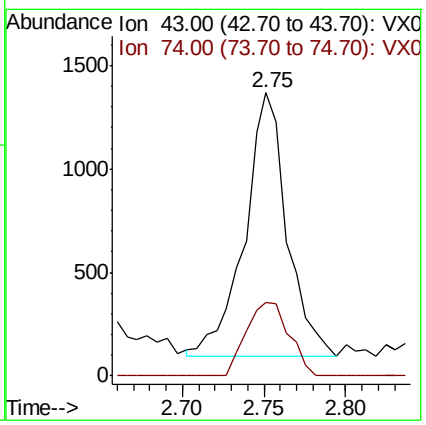


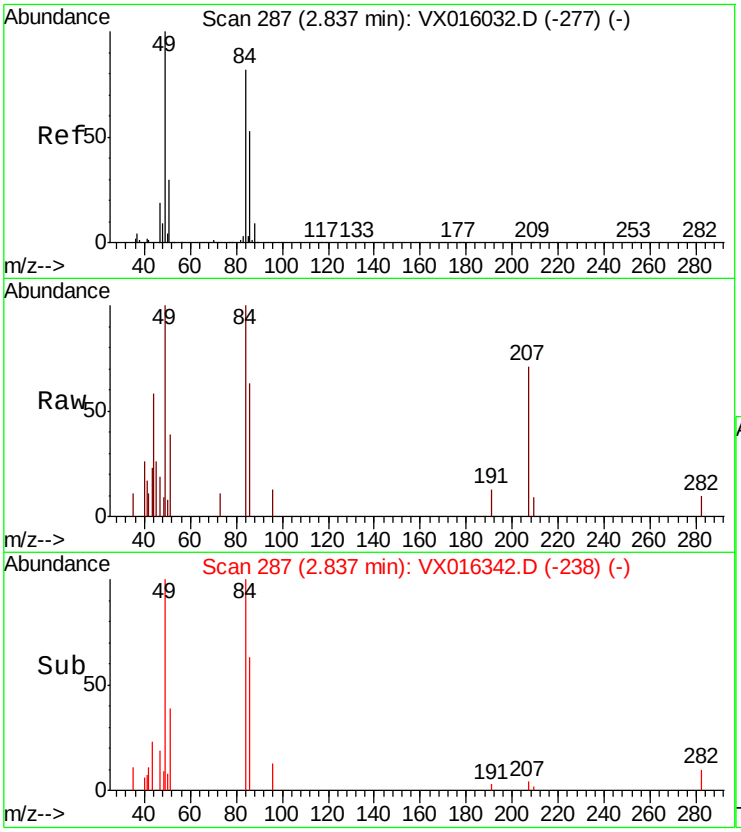


#18
Methyl Acetate
Concen: 0.693 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 43 Resp: 2292

Ion	Ratio	Lower	Upper
43	100		
74	28.5	20.2	30.2



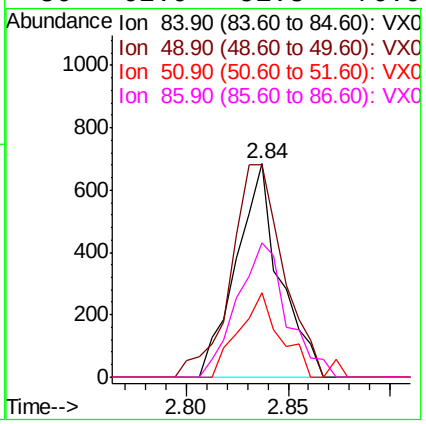


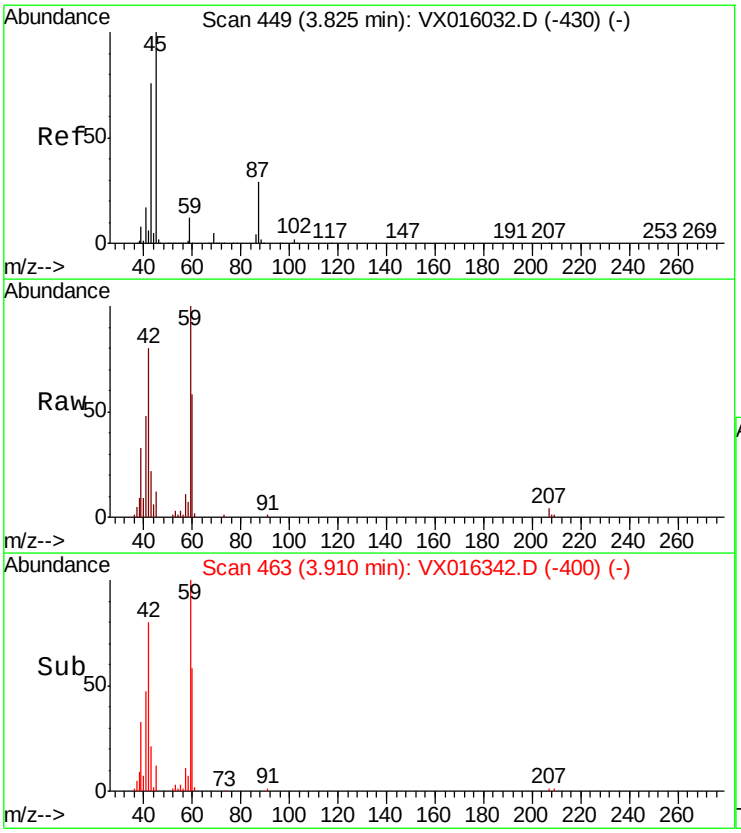
#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument : MSVOA_X
ClientSampleId : 1369

Tgt Ion: 84 Resp: 1018

Ion	Ratio	Lower	Upper
84	100		
49	99.7	97.3	145.9
51	39.3	29.3	43.9
86	62.9	51.3	76.9

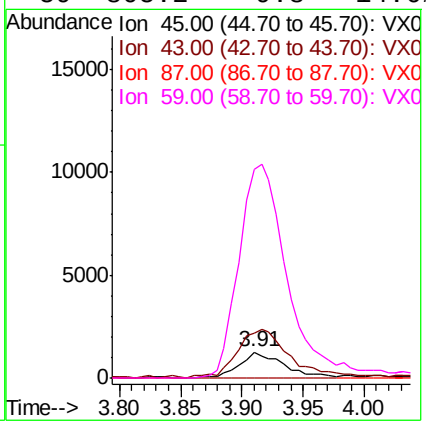


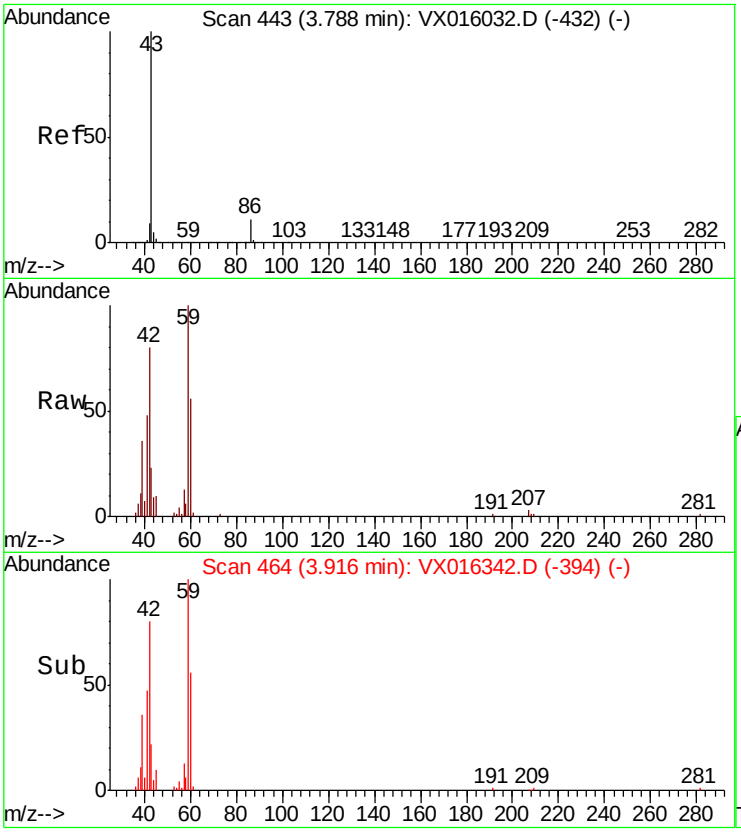


#22
Diisopropyl ether
Concen: 0.385 ug/l
RT: 3.91 min Scan# 463
Delta R.T. 0.09 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 45 Resp: 3173

Ion	Ratio	Lower	Upper
45	100		
43	173.7	61.1	91.7#
87	0.0	23.0	34.6#
59	805.2	9.8	14.6#



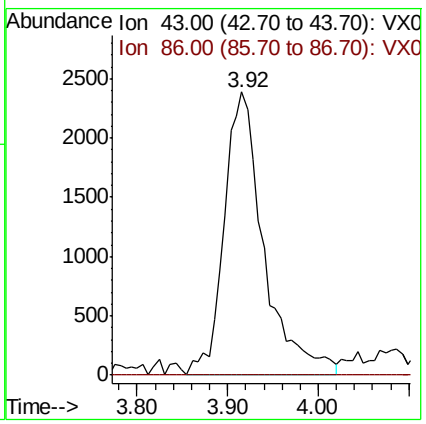


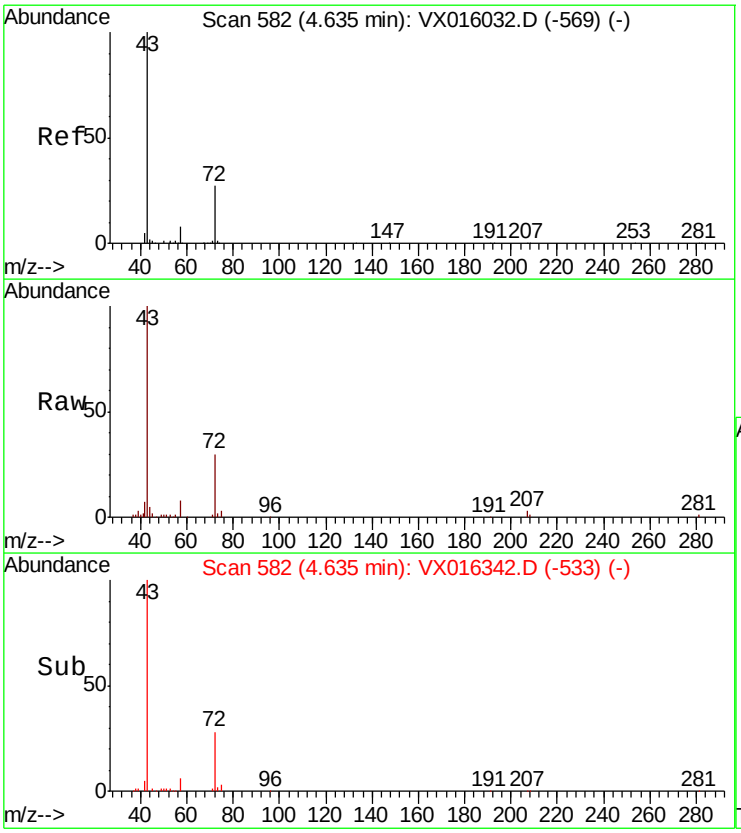
#23
Vinyl Acetate
Concen: 1.002 ug/l
RT: 3.92 min Scan# 464
Delta R.T. 0.13 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument : MSVOA_X
ClientSampleId : 1369

Tgt Ion: 43 Resp: 7260

Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.0	13.4#

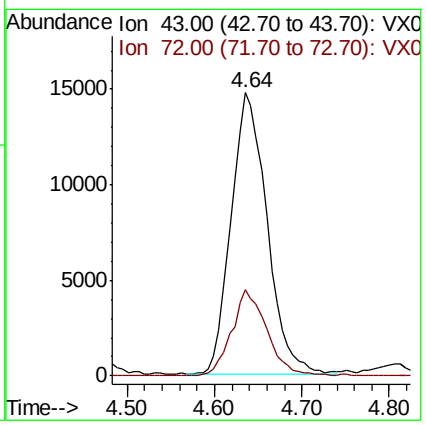


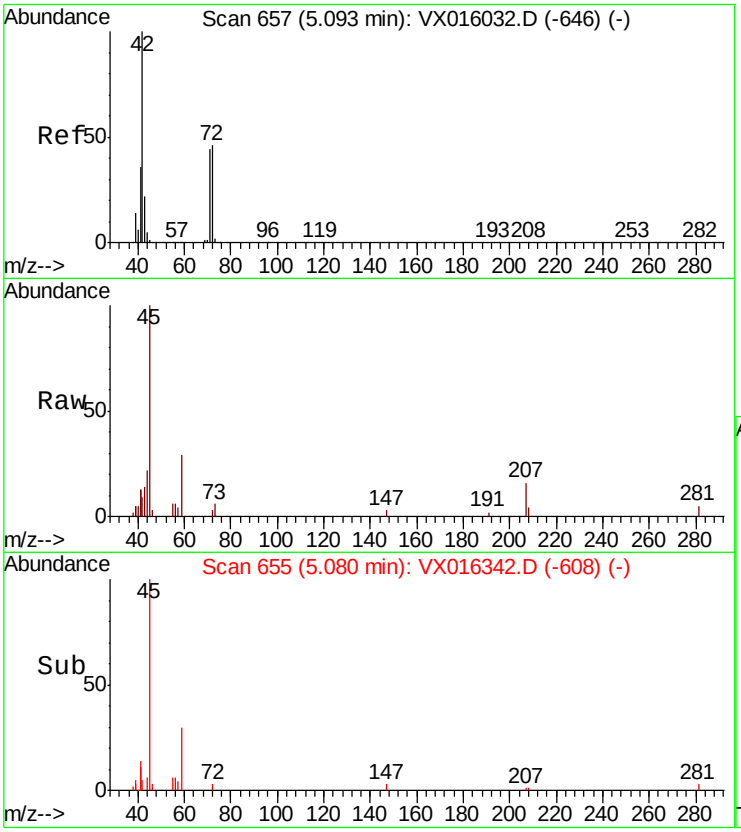


#25
2-Butanone
Concen: 19.513 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 43 Resp: 42278

Ion	Ratio	Lower	Upper
43	100		
72	30.5	21.8	32.8



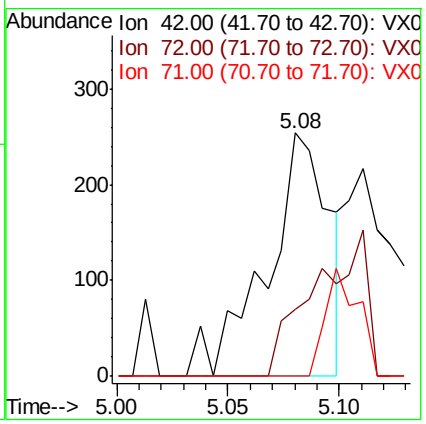


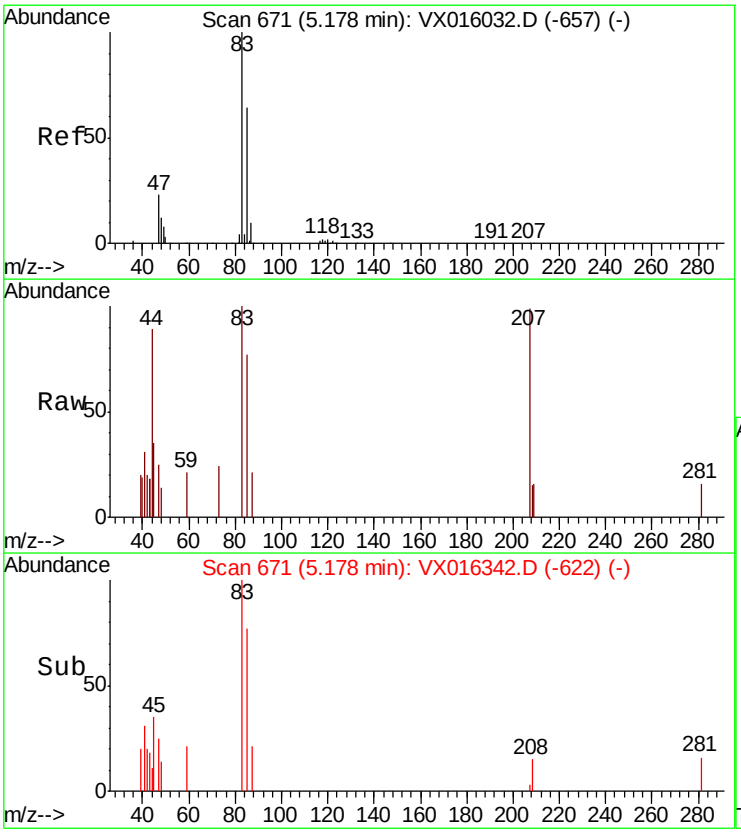
#29
Tetrahydrofuran
Concen: 0.343 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion: 42 Resp: 493

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.1	55.7#
71	0.0	34.5	51.7#

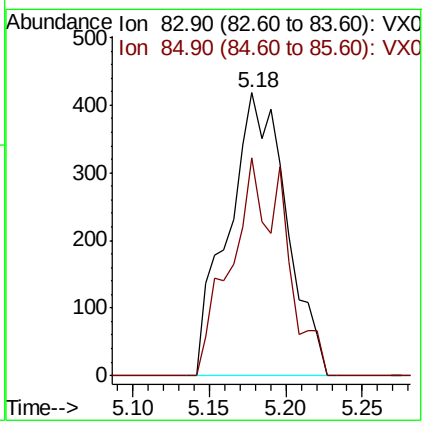


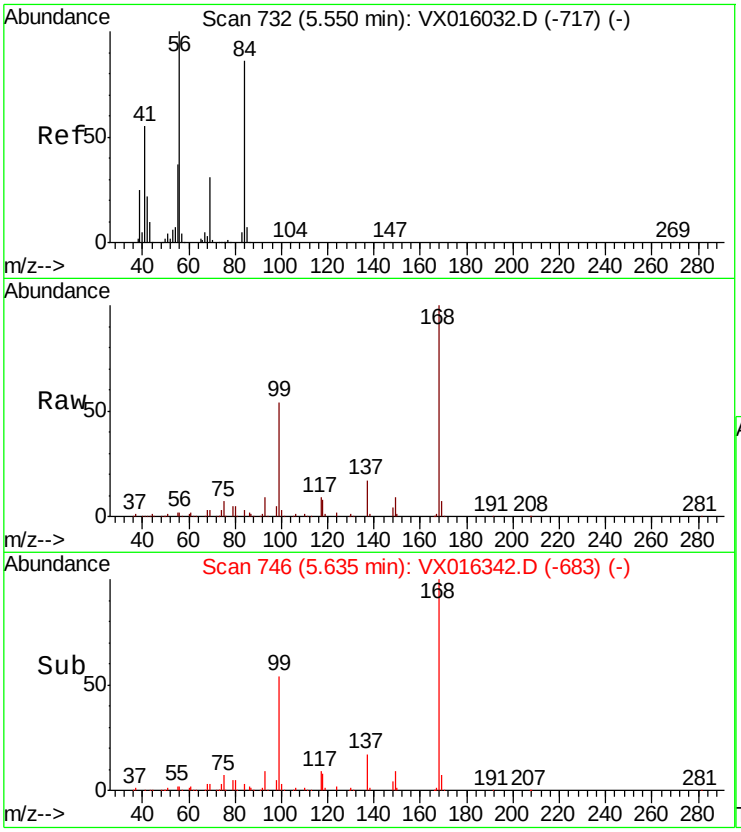


#30
Chloroform
Concen: 0.242 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 83 Resp: 1112

Ion	Ratio	Lower	Upper
83	100		
85	77.3	51.6	77.4



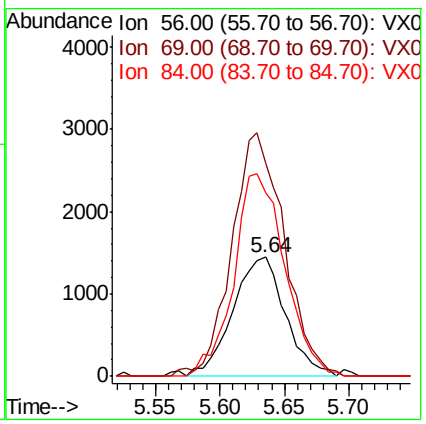


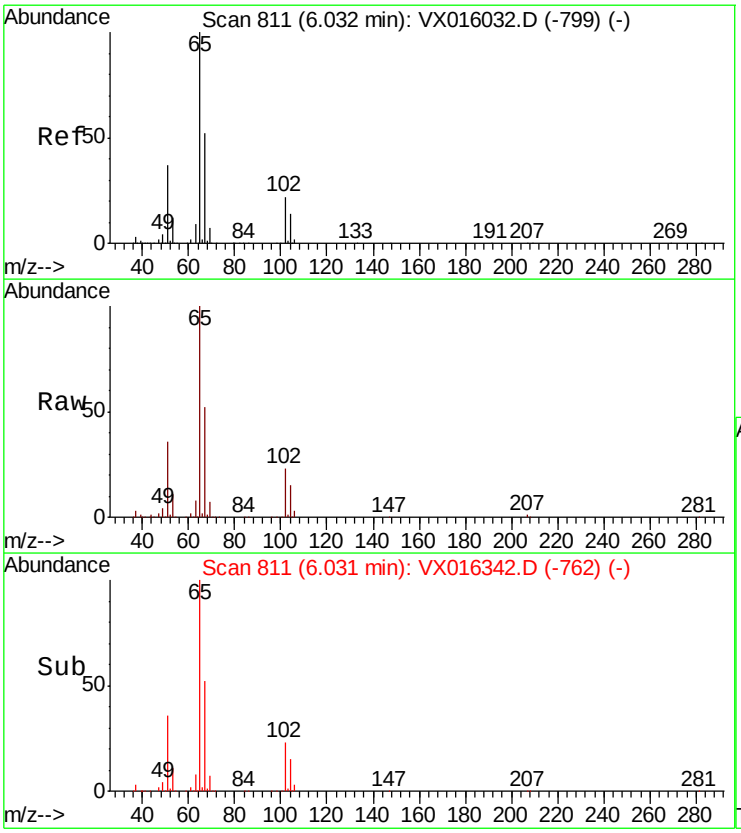
#31
Cyclohexane
Concen: 0.982 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument : MSVOA_X
ClientSampleId : 1369

Tgt Ion: 56 Resp: 4109

Ion	Ratio	Lower	Upper
56	100		
69	174.3	25.0	37.6#
84	153.7	69.0	103.6#

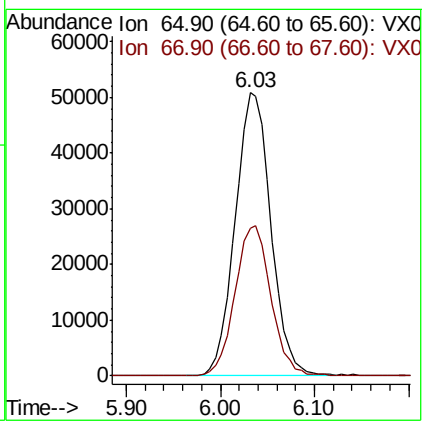


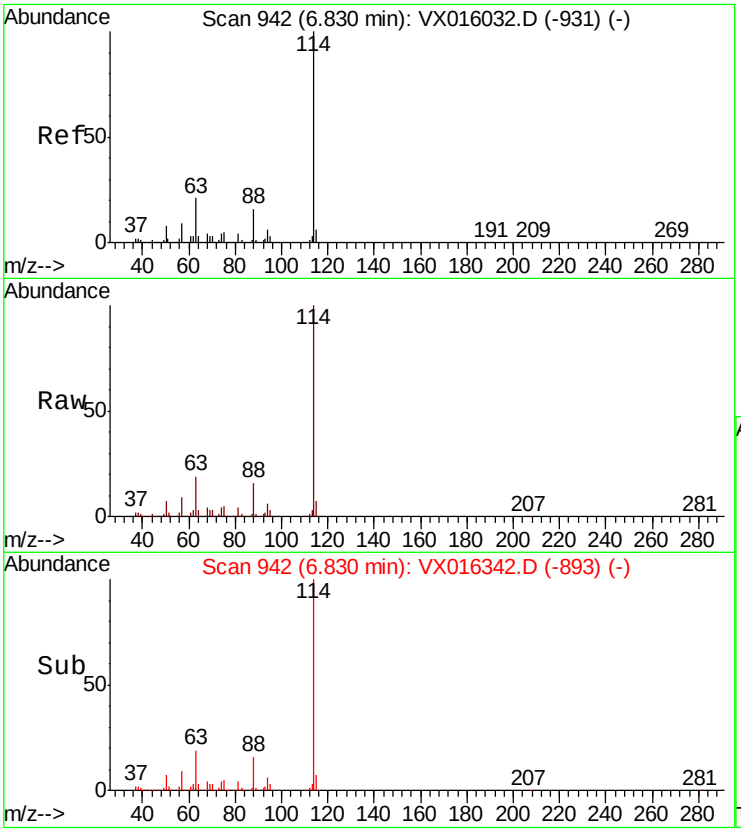


#33
1,2-Dichloroethane-d4
Concen: 44.721 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 65 Resp: 134765

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.8



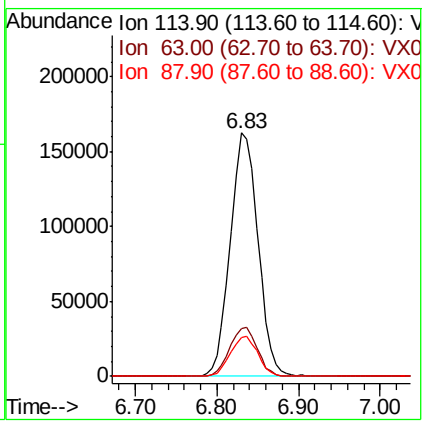


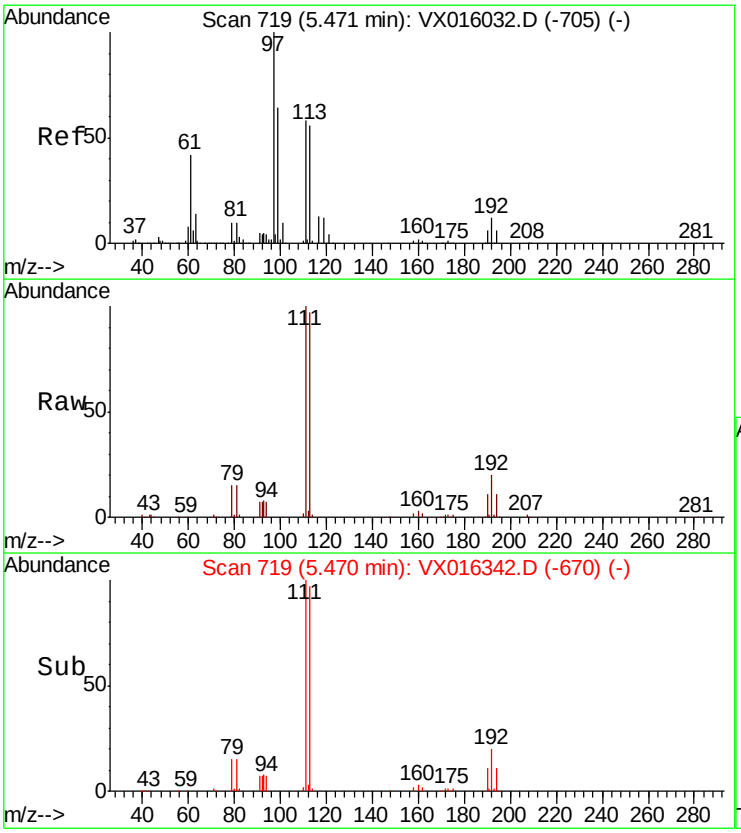
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion:114 Resp: 381852

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.8
88	15.9	0.0	31.4

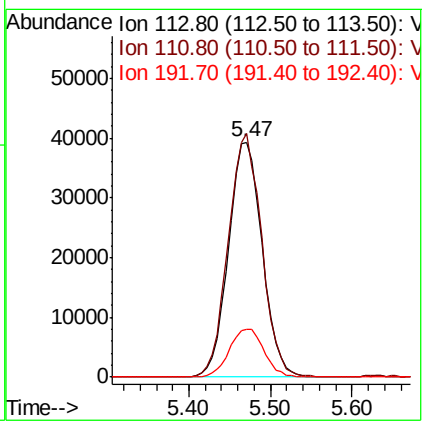


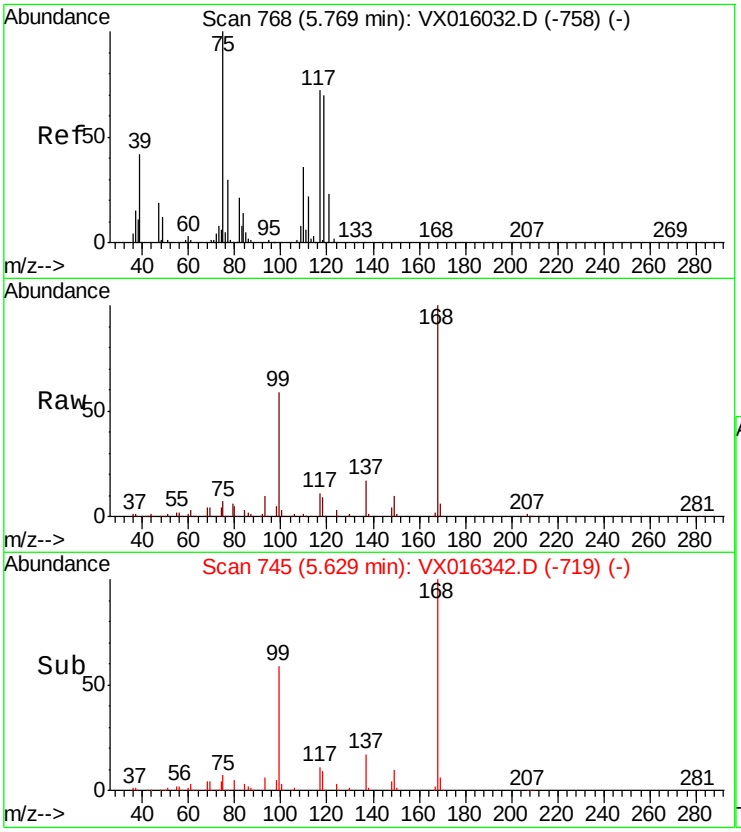


#35
Dibromofluoromethane
Concen: 46.477 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion:113 Resp: 112438

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	21.1	17.0	25.4



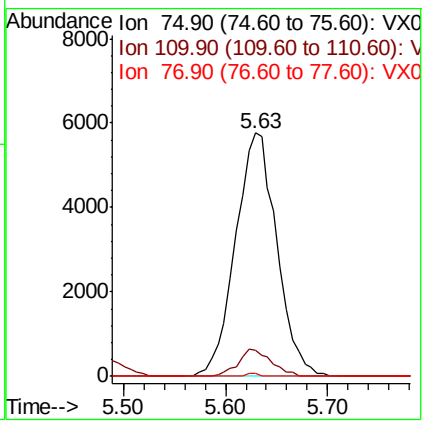


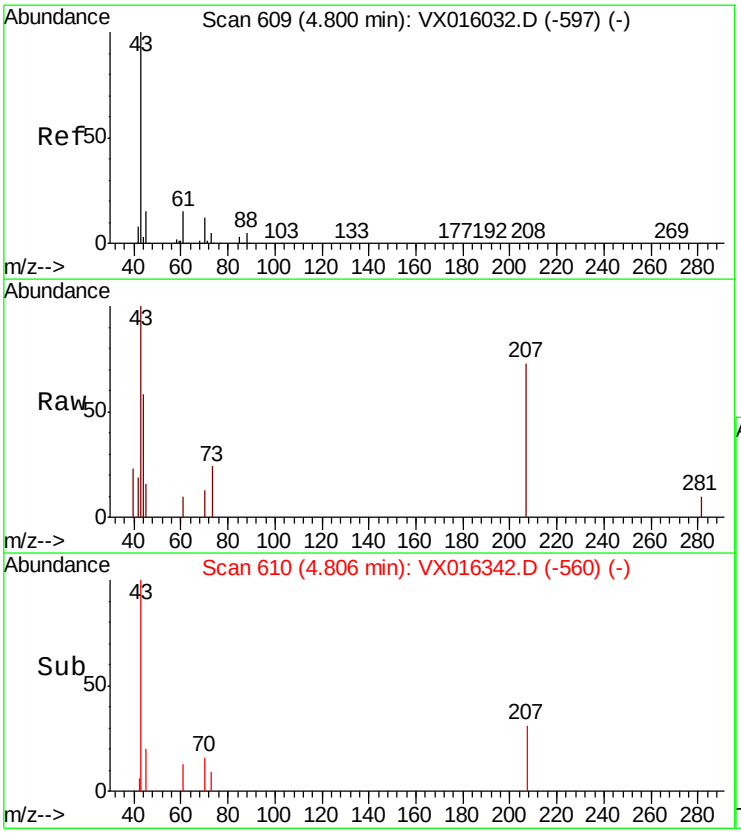
#36
1,1-Dichloropropene
Concen: 4.303 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion: 75 Resp: 16175

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.1#
77	0.4	25.0	37.6#

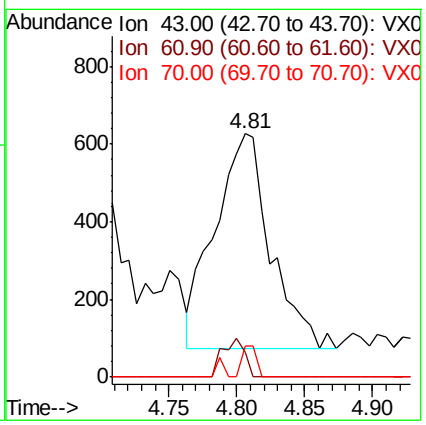


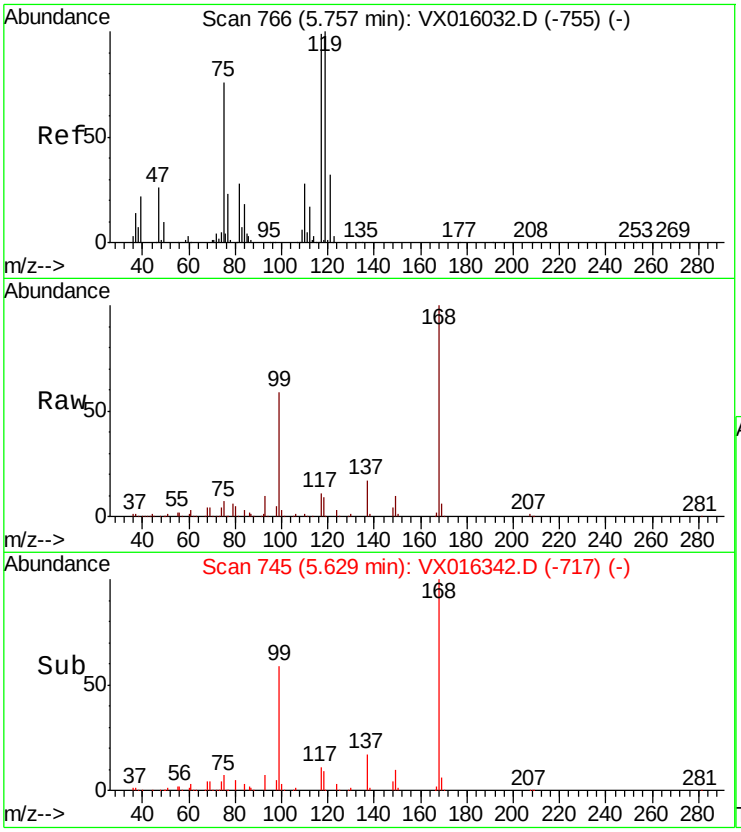


#37
Ethyl Acetate
Concen: 0.361 ug/l
RT: 4.81 min Scan# 610
Delta R.T. 0.01 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 43 Resp: 1574

Ion	Ratio	Lower	Upper
43	100		
61	7.1	11.7	17.5#
70	3.7	9.3	13.9#



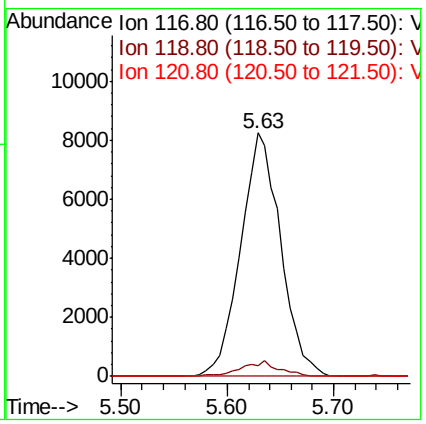


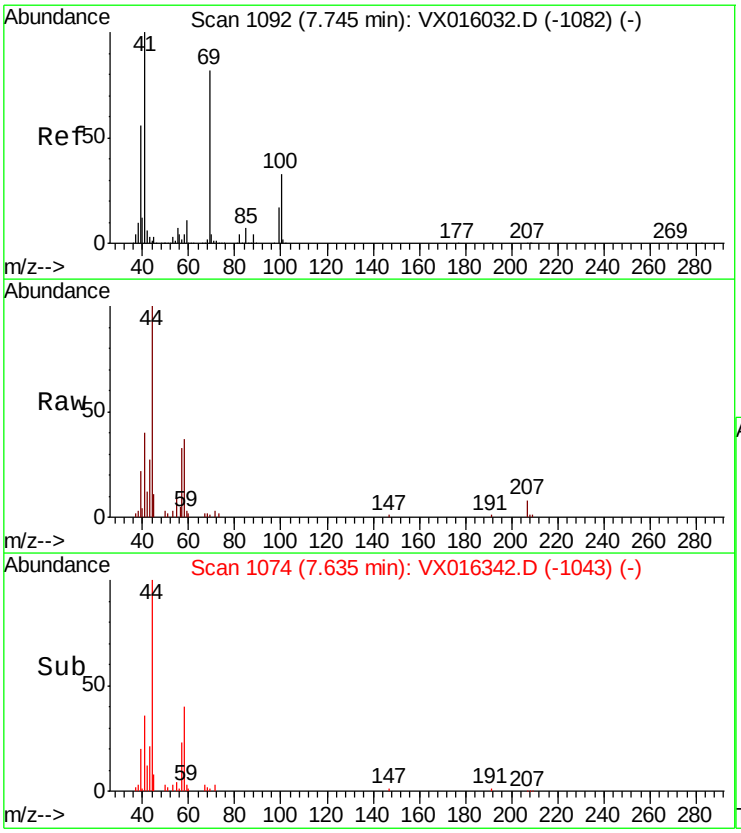
#38
Carbon Tetrachloride
Concen: 5.675 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion:117 Resp: 21680

Ion	Ratio	Lower	Upper
117	100		
119	4.5	80.3	120.5#
121	0.0	25.7	38.5#

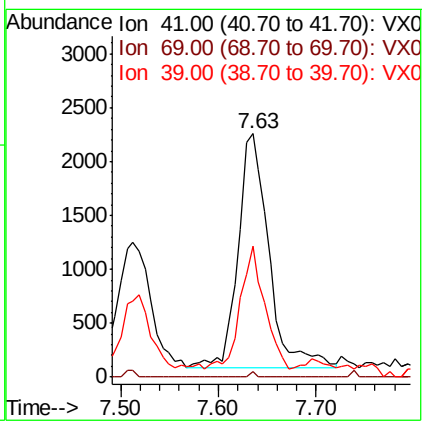


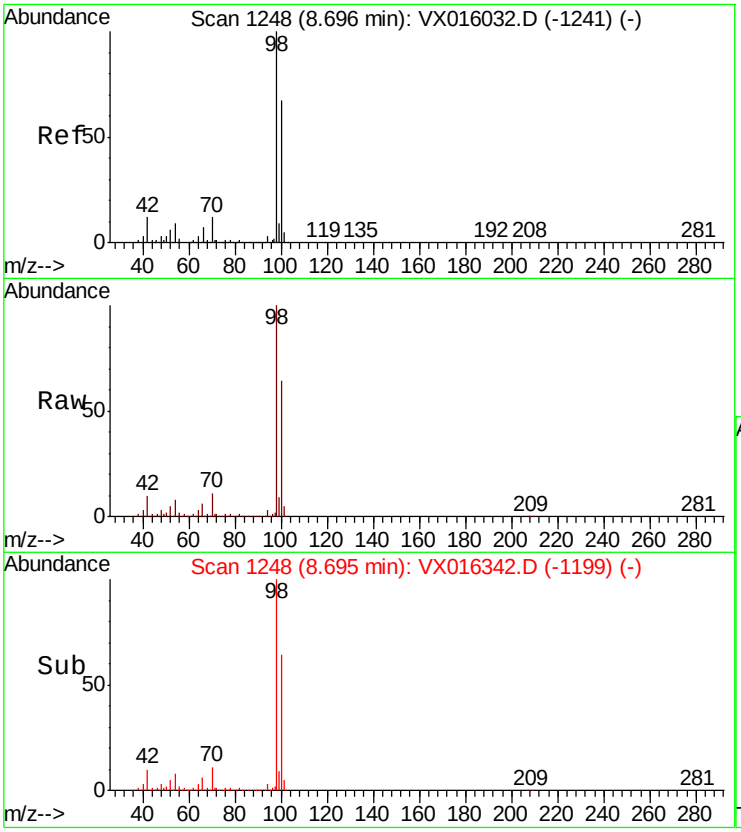


#48
Methyl methacrylate
Concen: 1.452 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.11 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 41 Resp: 4782

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.8	101.6#
39	41.2	44.6	67.0#



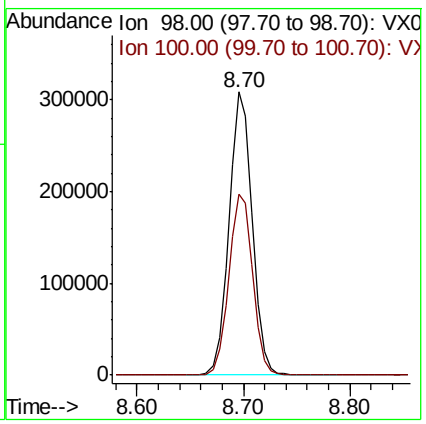


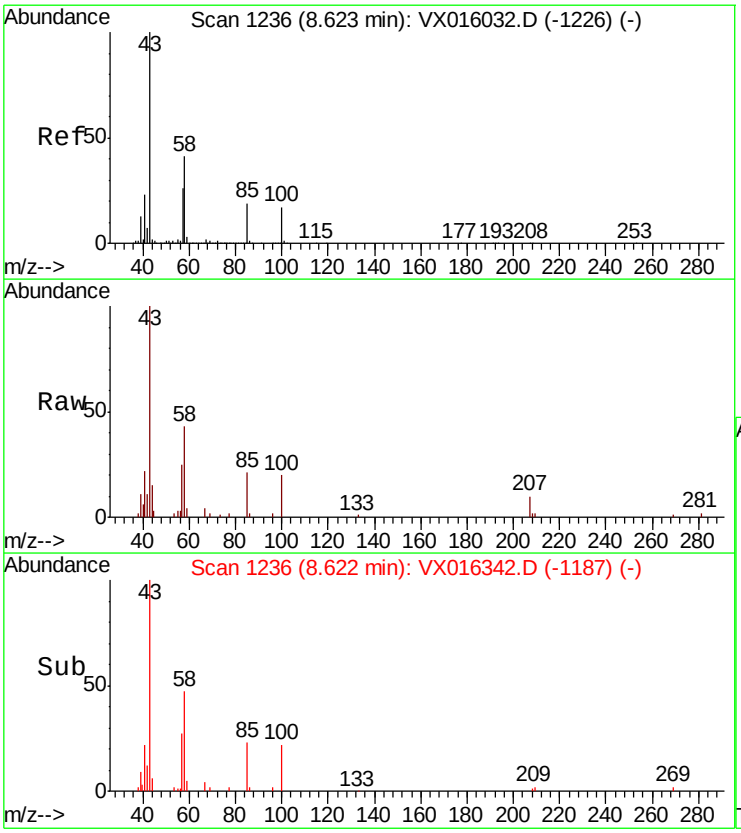
#50
Toluene-d8
Concen: 50.438 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion: 98 Resp: 470147

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.7	80.5

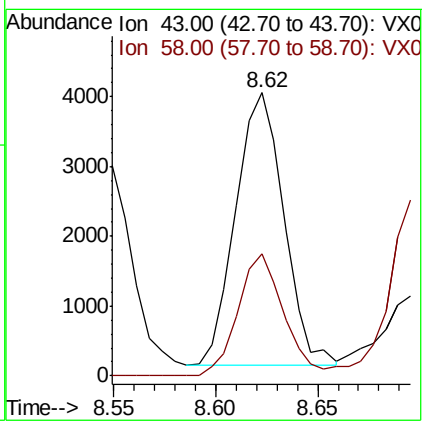


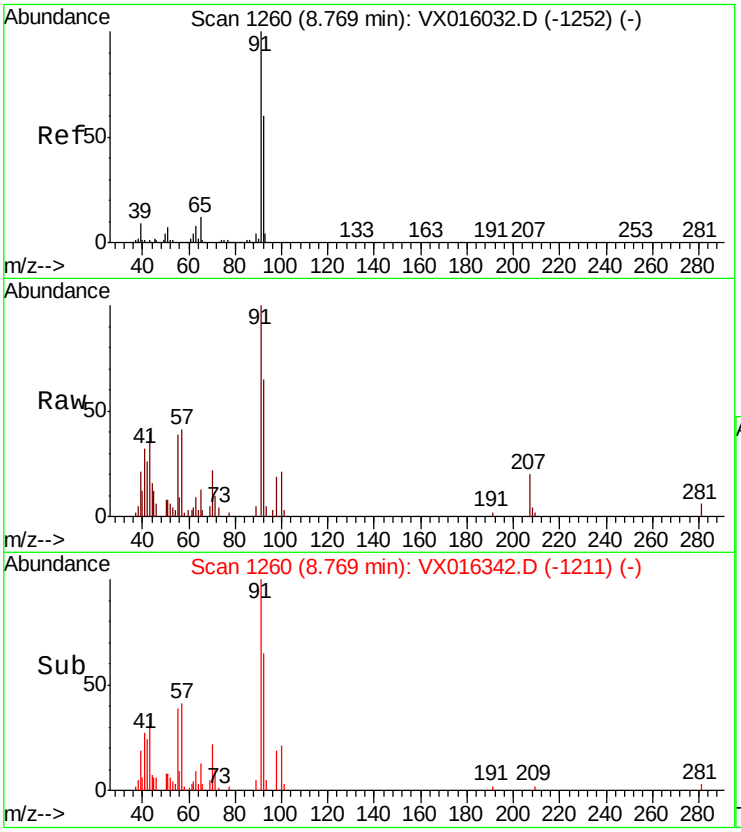


#51
4-Methyl-2-Pentanone
Concen: 1.499 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 43 Resp: 6375

Ion	Ratio	Lower	Upper
43	100		
58	42.4	33.0	49.4



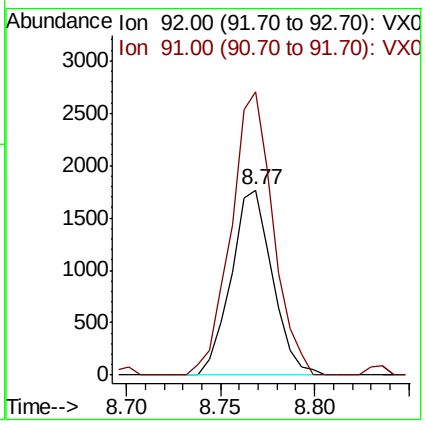


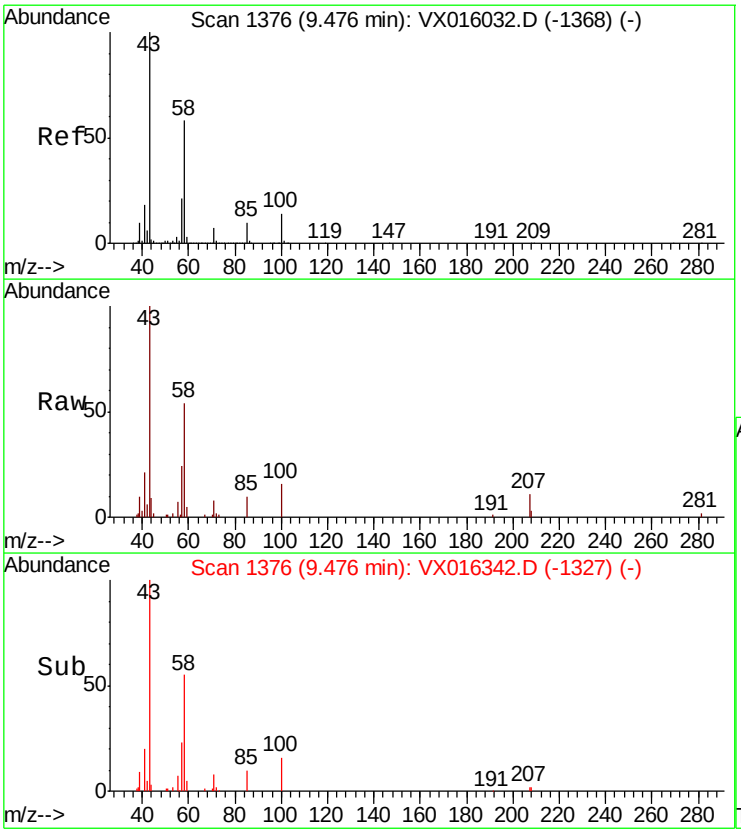
#52
Toluene
Concen: 0.391 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion: 92 Resp: 2680

Ion	Ratio	Lower	Upper
92	100		
91	155.8	134.5	201.7

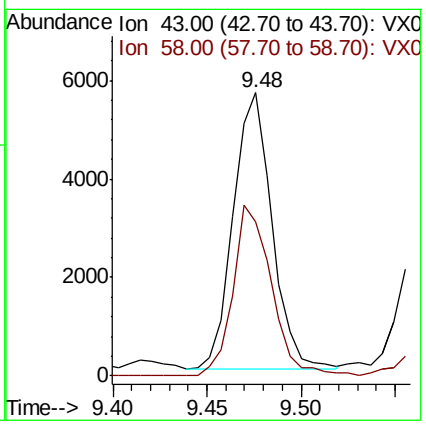


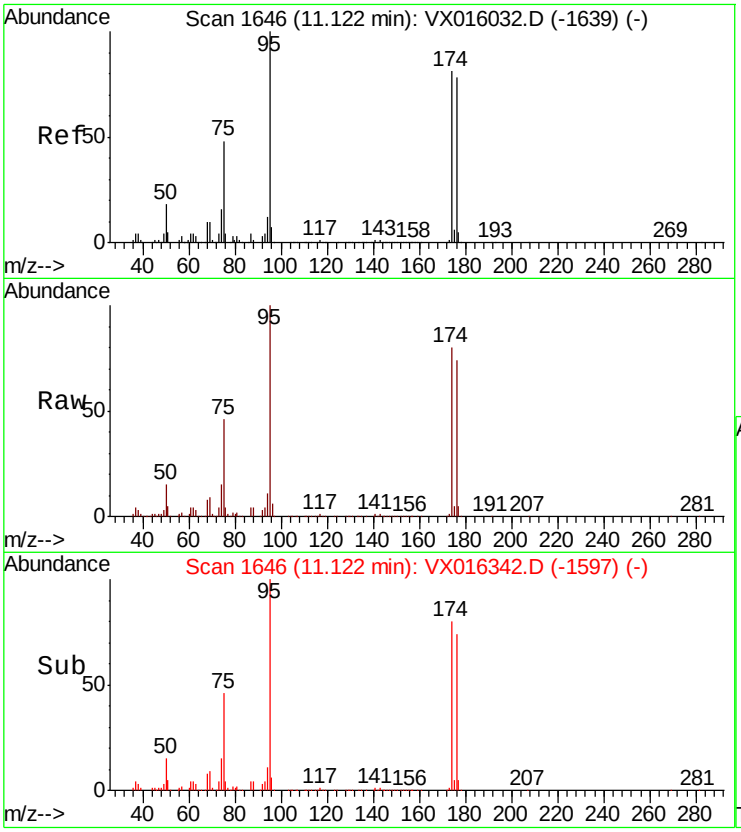


#59
2-Hexanone
Concen: 2.394 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 43 Resp: 7996

Ion	Ratio	Lower	Upper
43	100		
58	61.3	28.6	85.9



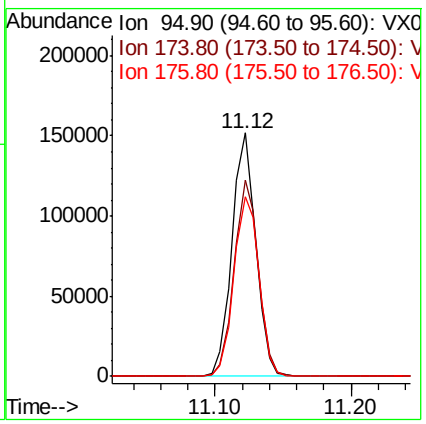


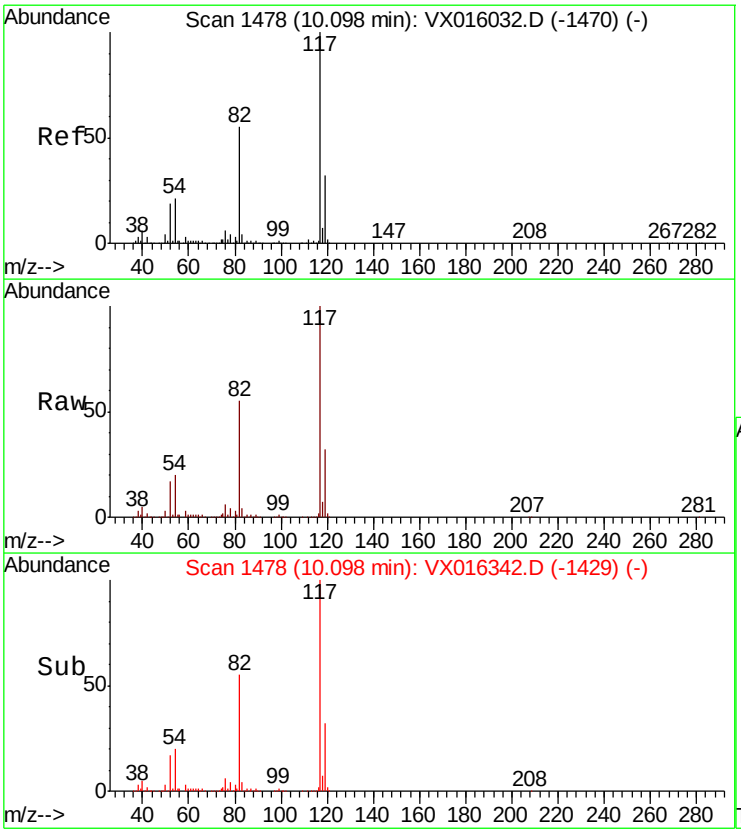
#62
4-Bromofluorobenzene
Concen: 52.237 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion: 95 Resp: 185200

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	159.4
176	77.4	0.0	157.6

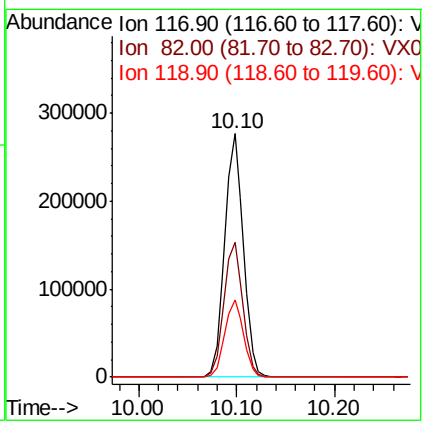


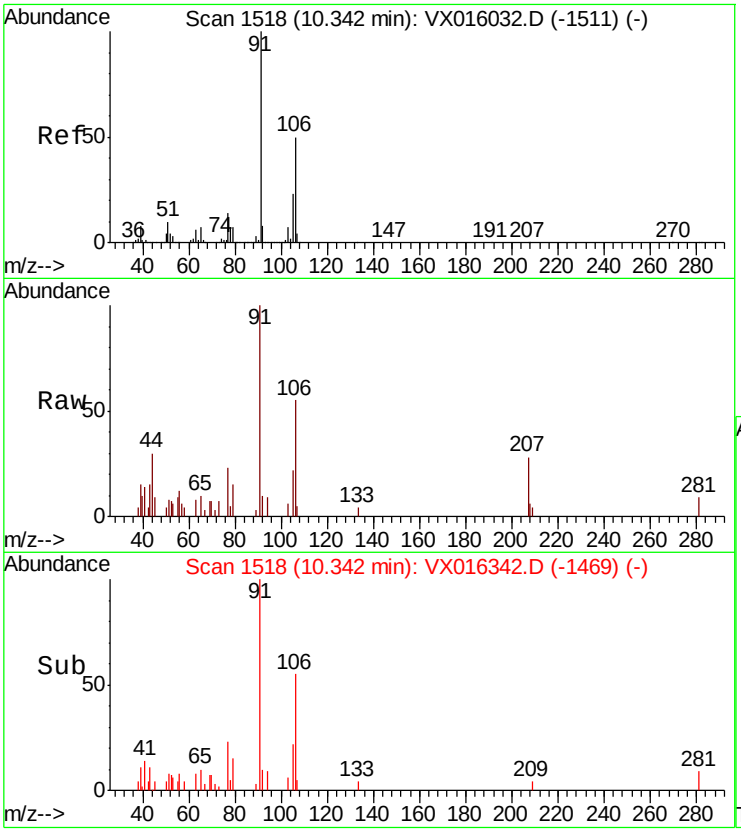


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion:117 Resp: 367079

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.4	66.6
119	31.7	25.5	38.3



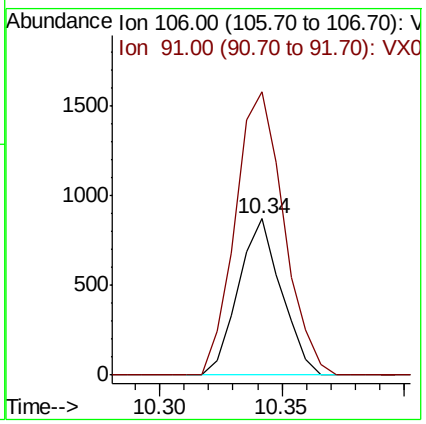


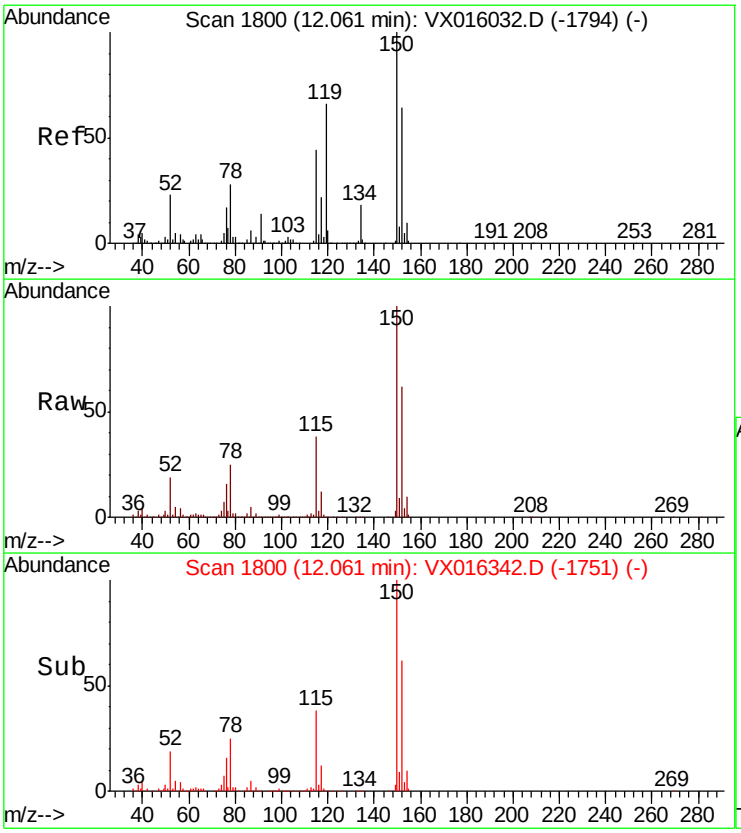
#68
m/p-Xylenes
Concen: 0.208 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion:106 Resp: 1068

Ion	Ratio	Lower	Upper
106	100		
91	204.6	161.7	242.5

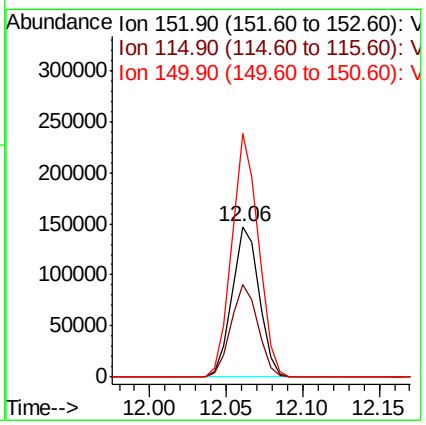


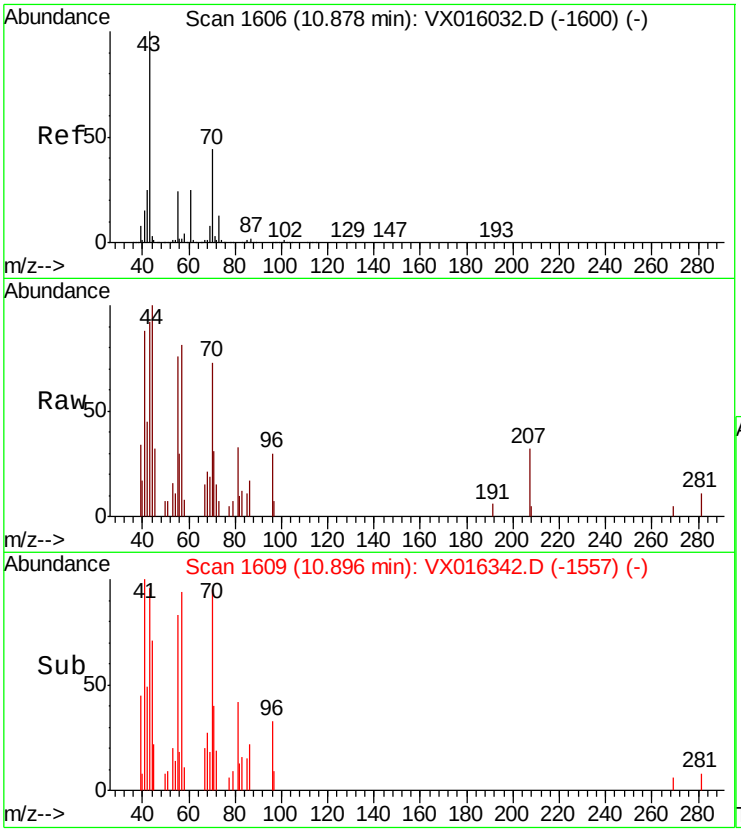


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion:152 Resp: 181485

Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.3	124.1
150	158.1	0.0	352.2



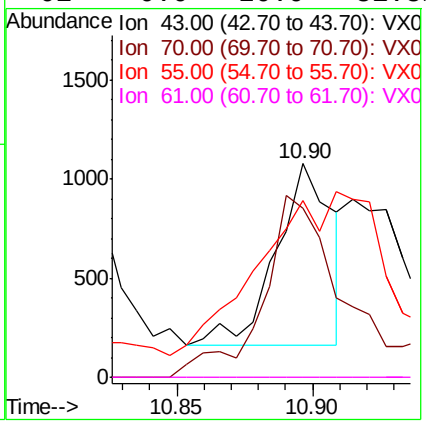


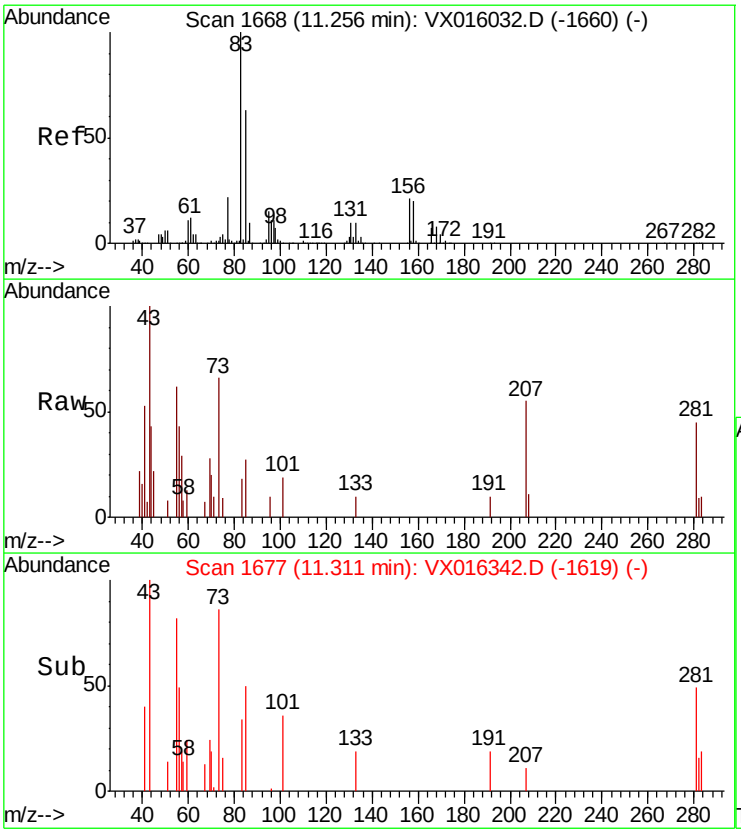
#74
N-amyl acetate
Concen: 0.213 ug/l
RT: 10.90 min Scan# 1609
Delta R.T. 0.02 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument : MSVOA_X
ClientSampleId : 1369

Tgt Ion: 43 Resp: 1312

Ion	Ratio	Lower	Upper
43	100		
70	151.8	36.5	54.7#
55	199.6	19.7	29.5#
61	0.0	20.9	31.3#

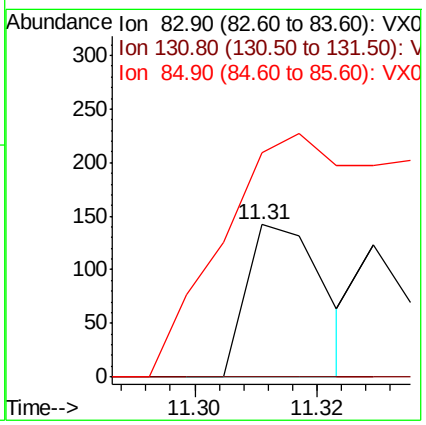


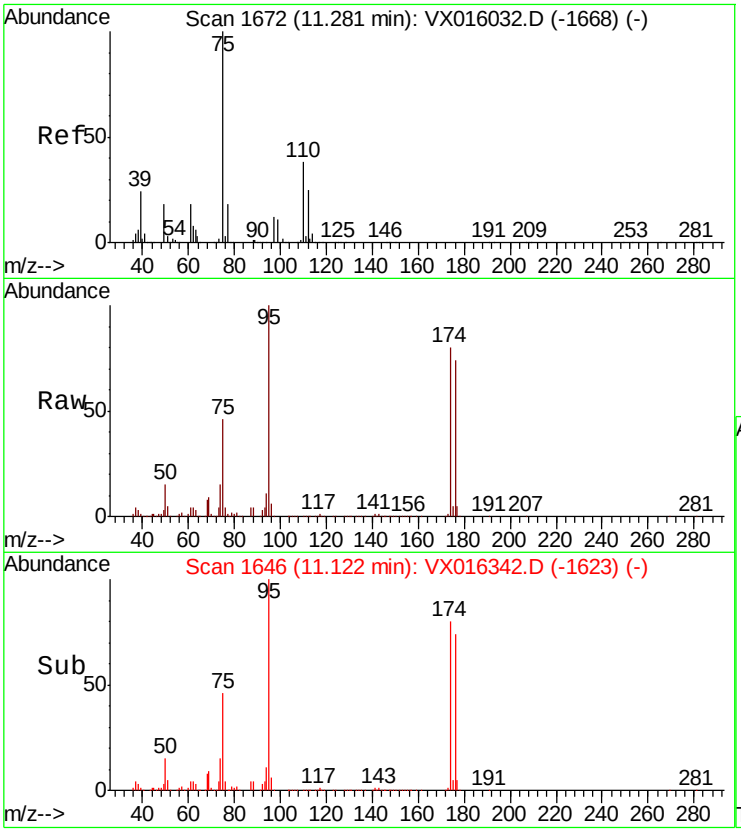


#75
1,1,2,2-Tetrachloroethane
Concen: 2.099 ug/l
RT: 11.31 min Scan# 1677
Delta R.T. 0.05 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 83 Resp: 123

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	473.2	32.0	96.0#



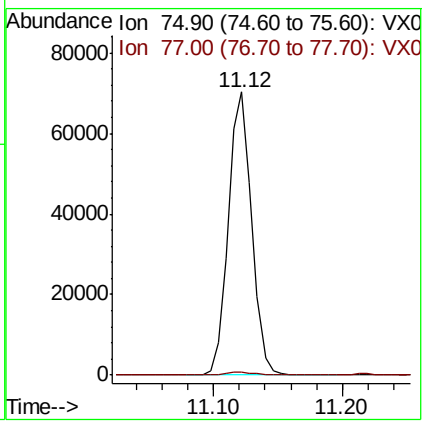


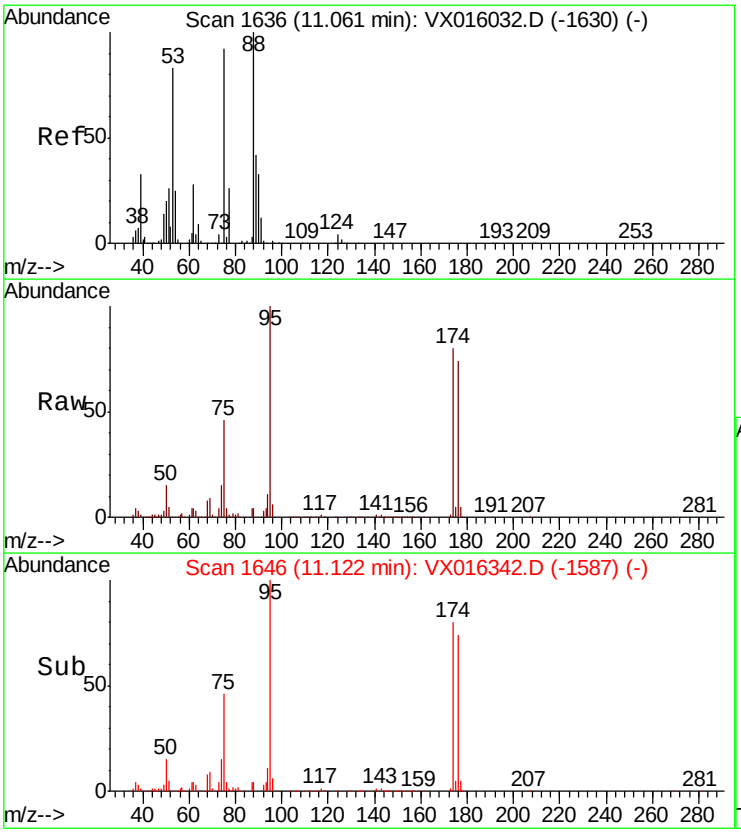
#76
1,2,3-Trichloropropane
Concen: 21.600 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion: 75 Resp: 88954

Ion	Ratio	Lower	Upper
75	100		
77	1.7	21.2	63.6#

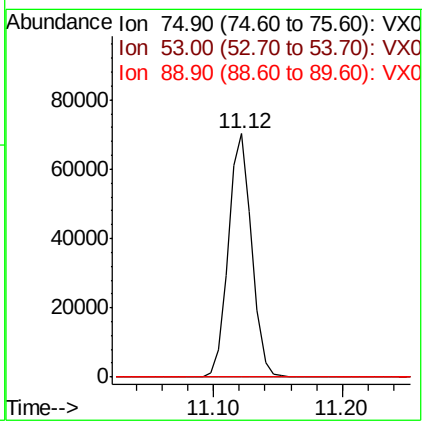


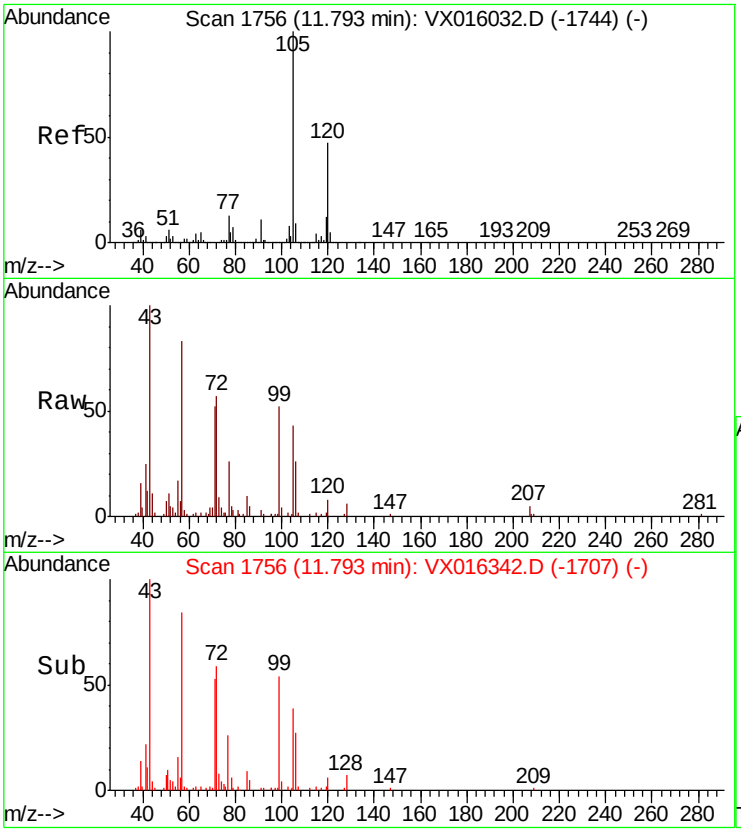


#81
trans-1,4-Dichloro-2-butene
Concen: 51.474 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion: 75 Resp: 88954

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.1	109.7#
89	0.0	36.7	55.1#



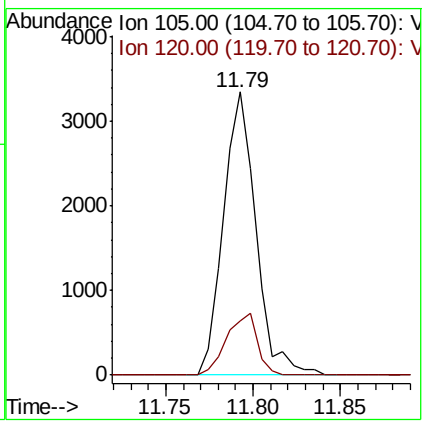


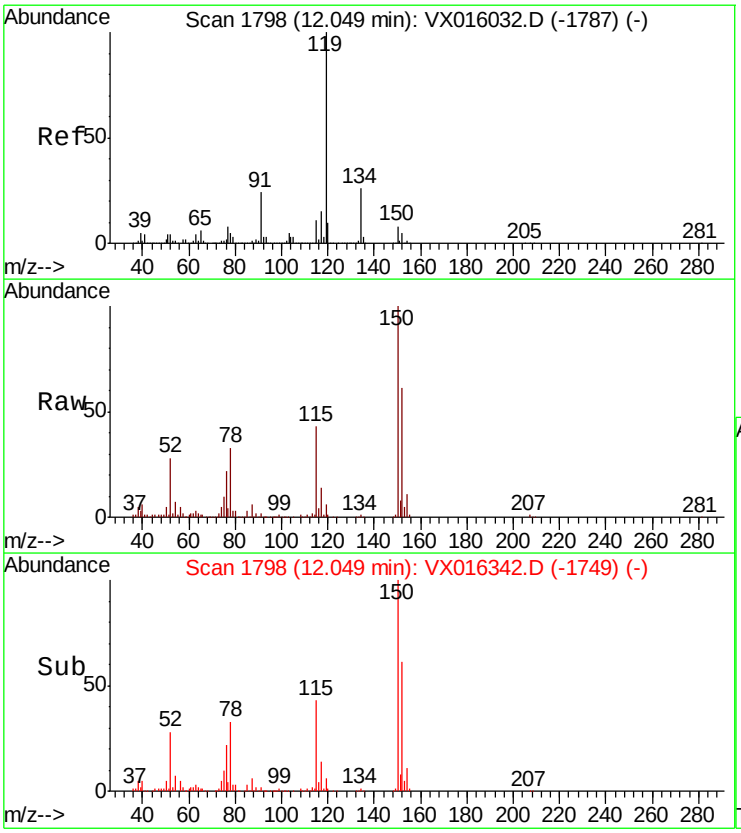
#84
1,2,4-Trimethylbenzene
Concen: 0.383 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
1369

Tgt Ion:105 Resp: 4312

Ion	Ratio	Lower	Upper
105	100		
120	20.6	23.0	69.0#





#86
p-Isopropyltoluene
Concen: 0.299 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016342.D
Acq: 19 May 2020 18:04

Tgt Ion:119 Resp: 3595

Ion	Ratio	Lower	Upper
119	100		
134	29.8	13.1	39.3
91	46.3	11.8	35.4#