Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052820\
Data File : VX016474.D
Acq On : 28 May 2020 10:59
Operator : JC/SP
Sample : L2738-03DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 25-28-COMP

Quant Time: May 28 13:10:44 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	5.62	168	341682	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	556453	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	544509	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	271963	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	201909	47.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.16%				
35) Dibromofluoromethane	5.46	113	163110	47.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.20%				
50) Toluene-d8	8.70	98	685881	51.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.86%				
62) 4-Bromofluorobenzene	11.12	95	273564	53.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.18%				
Target Compounds							Qvalue
3) Chloromethane	1.31	50	838	0.206	ug/l	#	66
5) Bromomethane	1.63	94	727	0.348	ug/l	#	35
10) Methyl Iodide	2.50	142	709	3.235	ug/l	#	95
11) Tert butyl alcohol	3.00	59	6733	6.188	ug/l		96
13) Acrolein	2.27	56	2473	5.343	ug/l		100
14) Allyl chloride	2.68	41	1842	0.305	ug/l	#	39
15) Acrylonitrile	3.11	53	961	0.431	ug/l	#	79
16) Acetone	2.42	43	51045	27.457	ug/l		98
17) Carbon Disulfide	2.55	76	3609	0.370	ug/l	#	93
18) Methyl Acetate	2.74	43	955	0.200	ug/l		98
22) Diisopropyl ether	3.91	45	37089	3.193	ug/l	#	1
23) Vinyl Acetate	3.91	43	81180	7.985	ug/l	#	71
25) 2-Butanone	4.64	43	39066	12.401	ug/l		100
29) Tetrahydrofuran	5.11	42	2007	0.986	ug/l	#	37
31) Cyclohexane	5.62	56	6550	1.111	ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	25020	4.749	ug/l	#	50
38) Carbon Tetrachloride	5.62	117	31718	5.729	ug/l	#	16
43) Isopropyl Acetate	6.43	43	3121	0.316	ug/l	#	59
46) Dibromomethane	7.64	93	3004	1.120	ug/l		97
51) 4-Methyl-2-Pentanone	8.62	43	5116	0.833	ug/l		93
59) 2-Hexanone	9.48	43	2266	0.474	ug/l		95
74) N-amyl acetate	10.90	43	3954	0.456	ug/l	#	12
76) 1,2,3-Trichloropropane	11.12	75	131883	22.062	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.12	75	131883	54.269	ug/l	#	14
86) p-Isopropyltoluene	12.05	119	8217	0.520	ug/l	#	82
89) n-Butylbenzene	12.37	91	2787	0.212	ug/l	#	71
94) Hexachlorobutadiene	13.77	225	906	0.419	ug/l		81

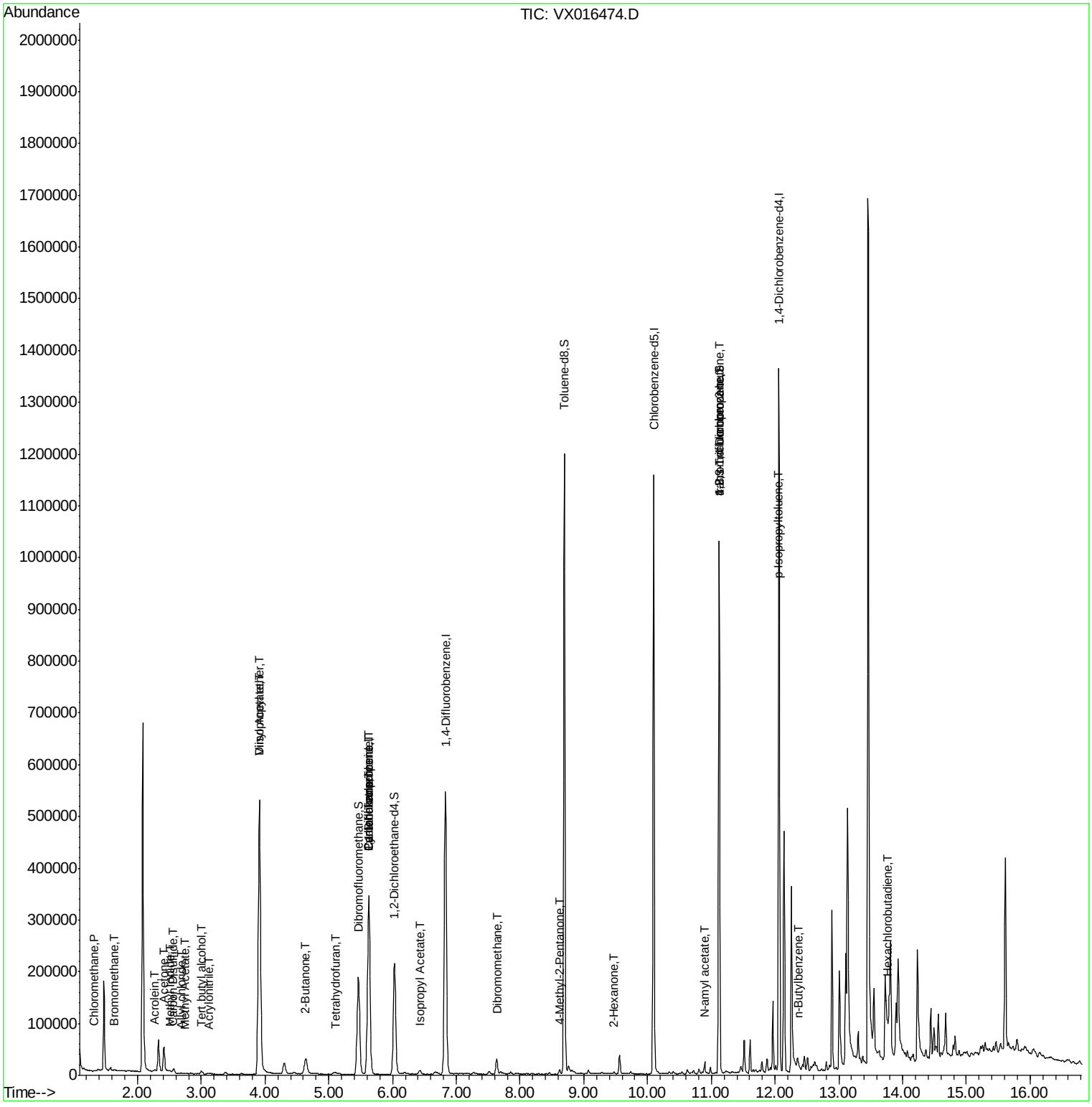
(#) = qualifier out of range (m) = manual integration (+) = signals summed

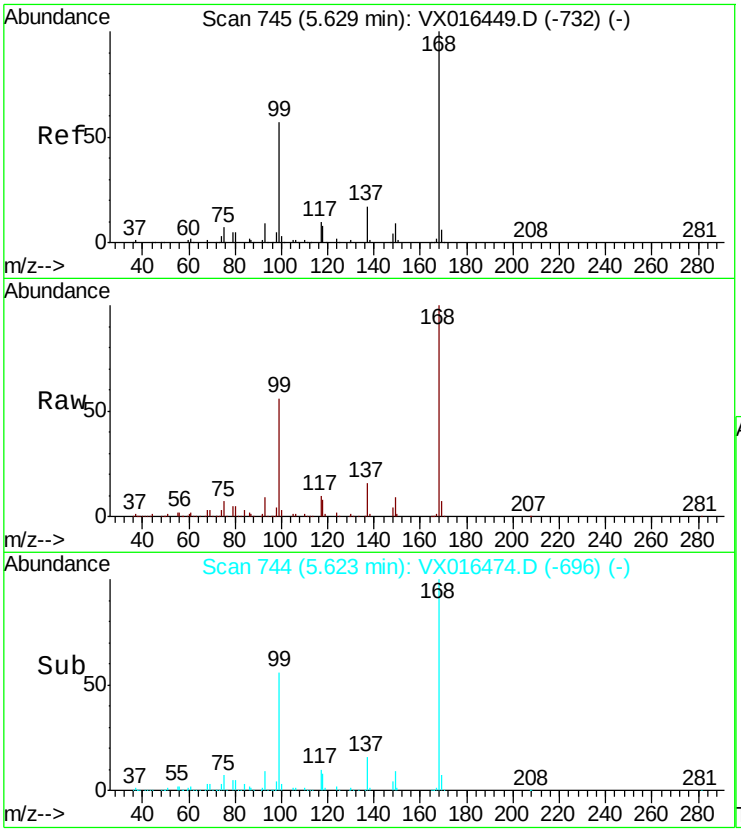
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052820\
Data File : VX016474.D
Acq On : 28 May 2020 10:59
Operator : JC/SP
Sample : L2738-03DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Quant Time: May 28 13:10:44 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



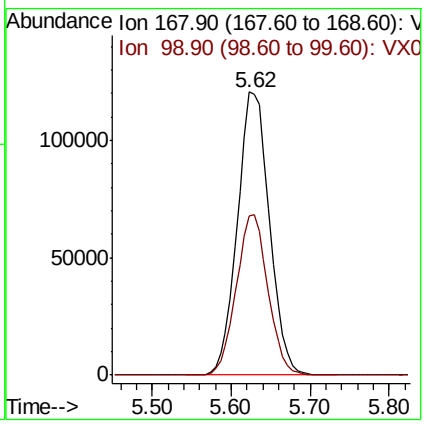


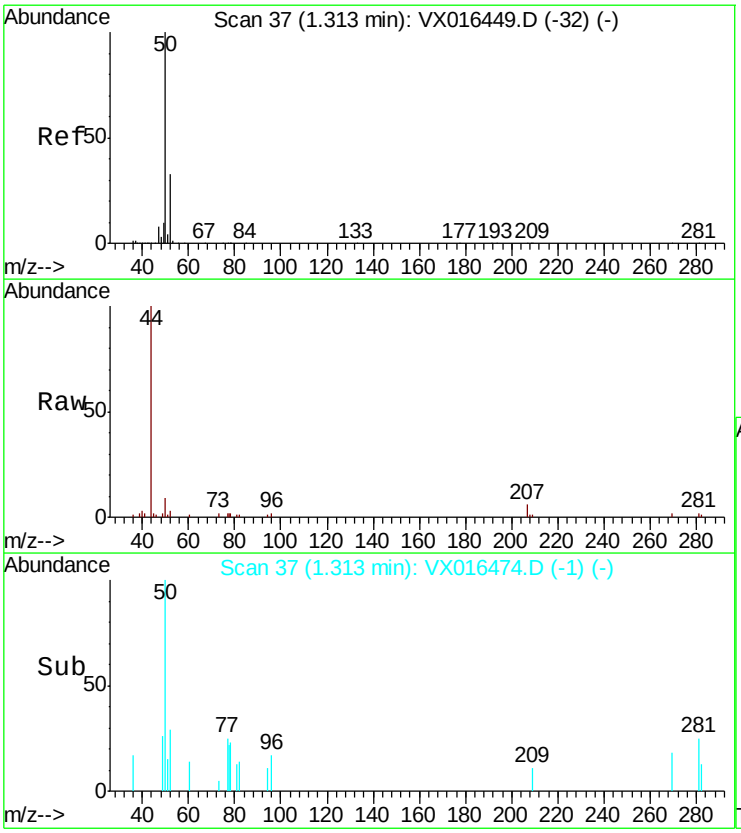
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion:168 Resp: 341682

Ion	Ratio	Lower	Upper
168	100		
99	56.3	45.2	67.8

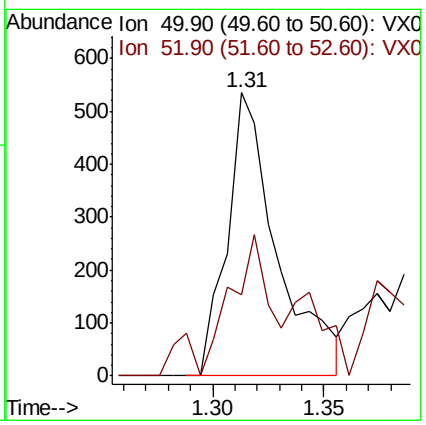


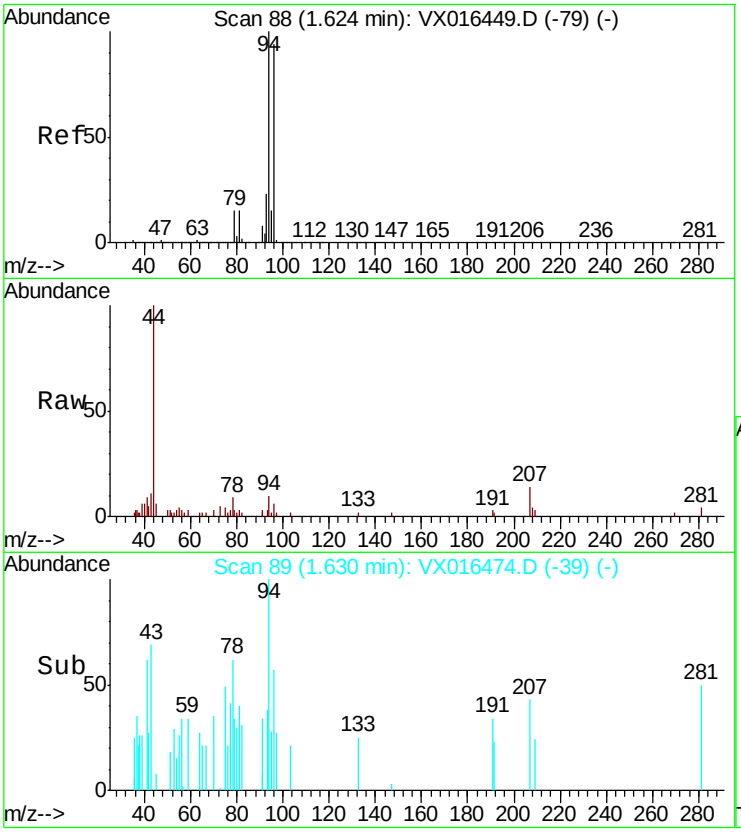


#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 50 Resp: 838

Ion	Ratio	Lower	Upper
50	100		
52	13.6	26.2	39.2#



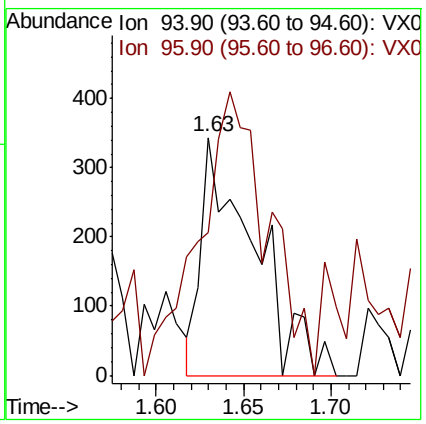


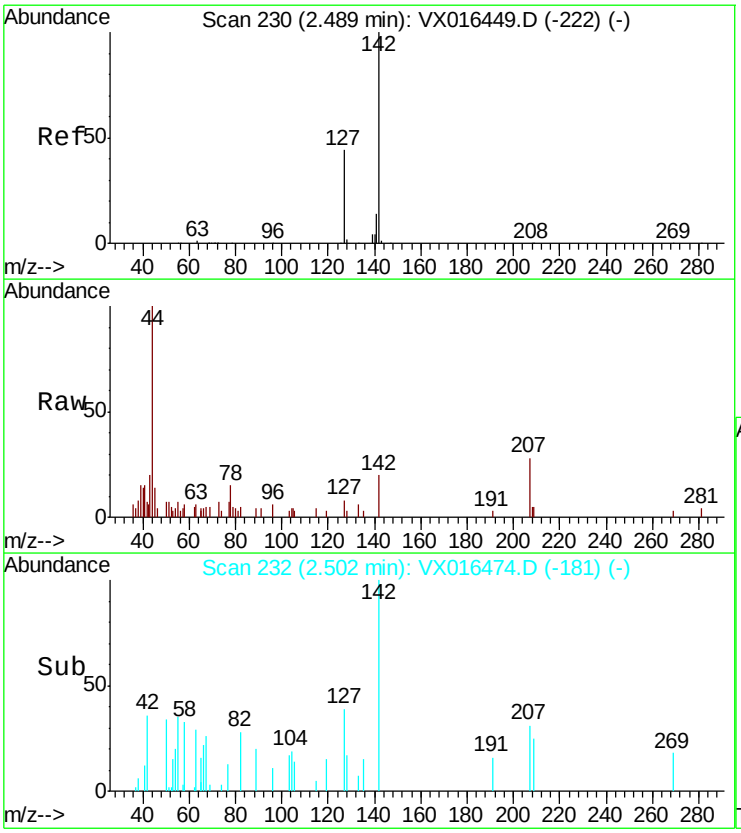
#5
Bromomethane
Concen: 0.348 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 94 Resp: 727

Ion	Ratio	Lower	Upper
94	100		
96	31.4	75.1	112.7#

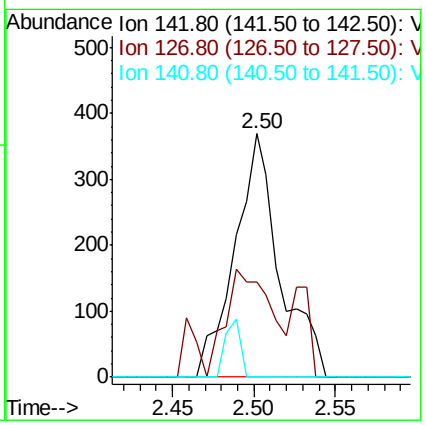


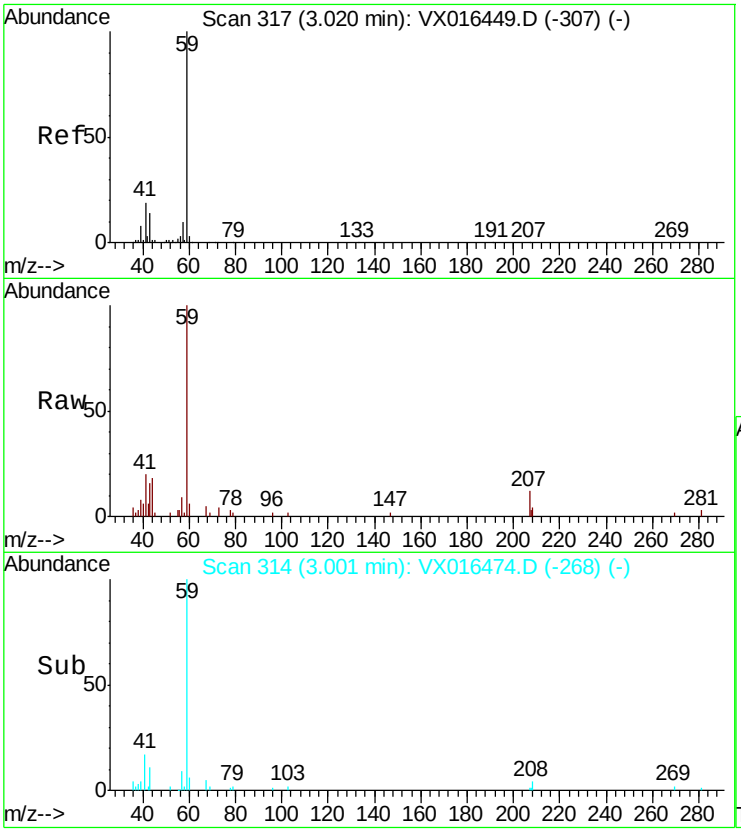


#10
Methyl Iodide
Concen: 3.235 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion:142 Resp: 709

Ion	Ratio	Lower	Upper
142	100		
127	45.0	35.3	52.9
141	8.0	11.4	17.2#



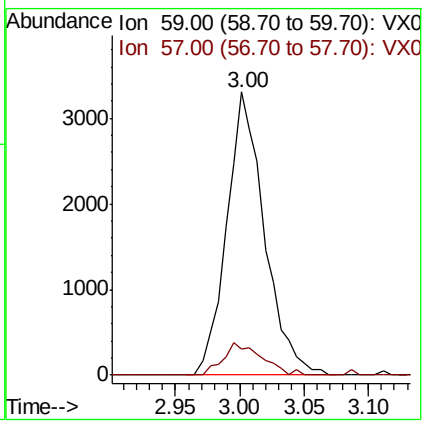


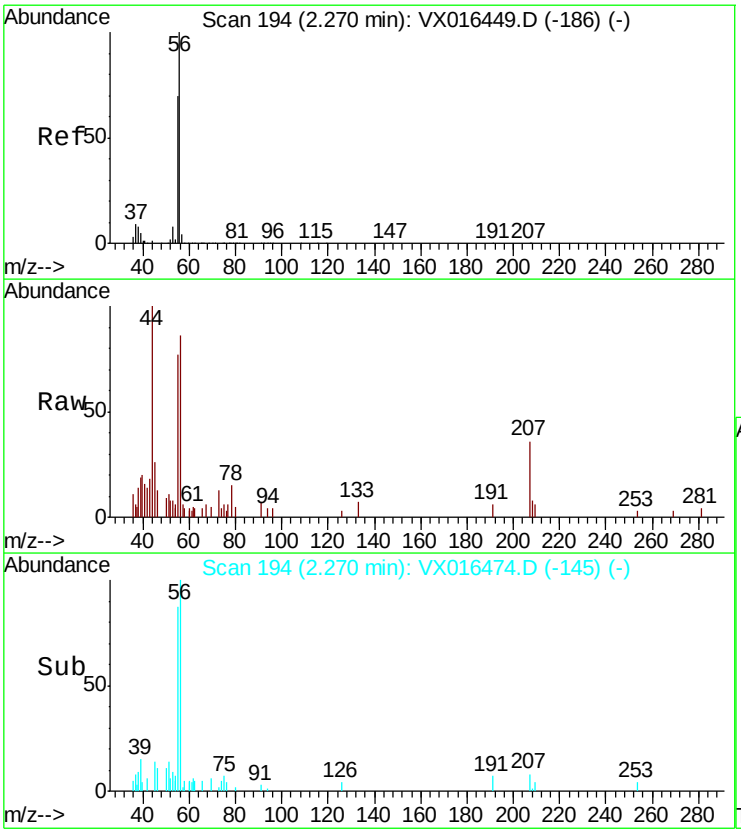
#11
Tert butyl alcohol
Concen: 6.188 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 59 Resp: 6733

Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.2	12.4

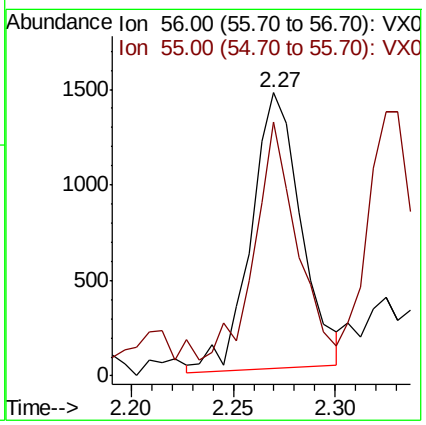


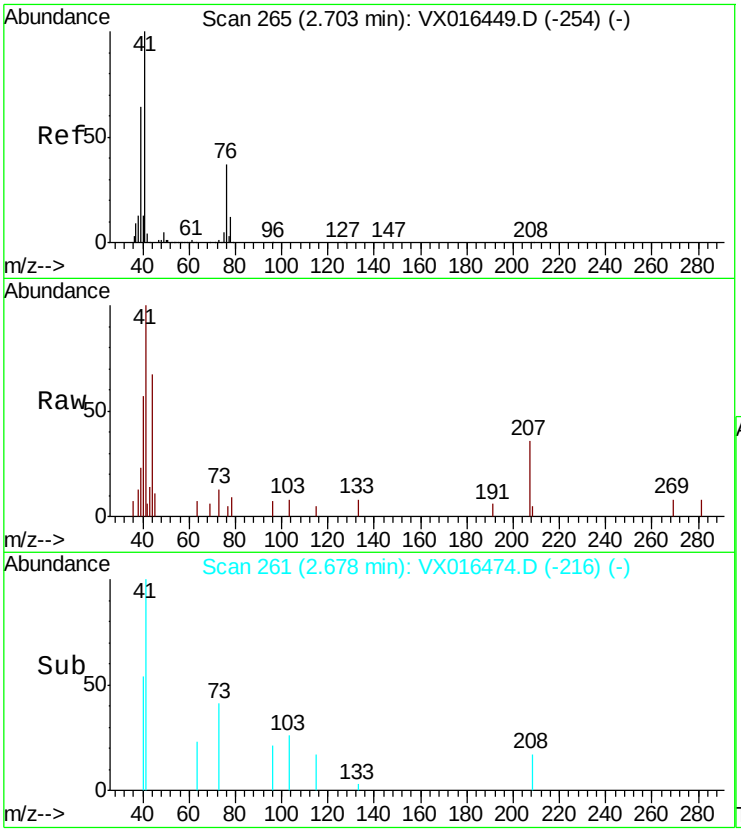


#13
Acrolein
Concen: 5.343 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 56 Resp: 2473

Ion	Ratio	Lower	Upper
56	100		
55	72.7	58.3	87.5



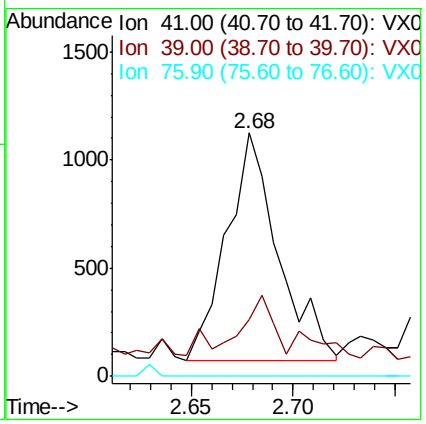


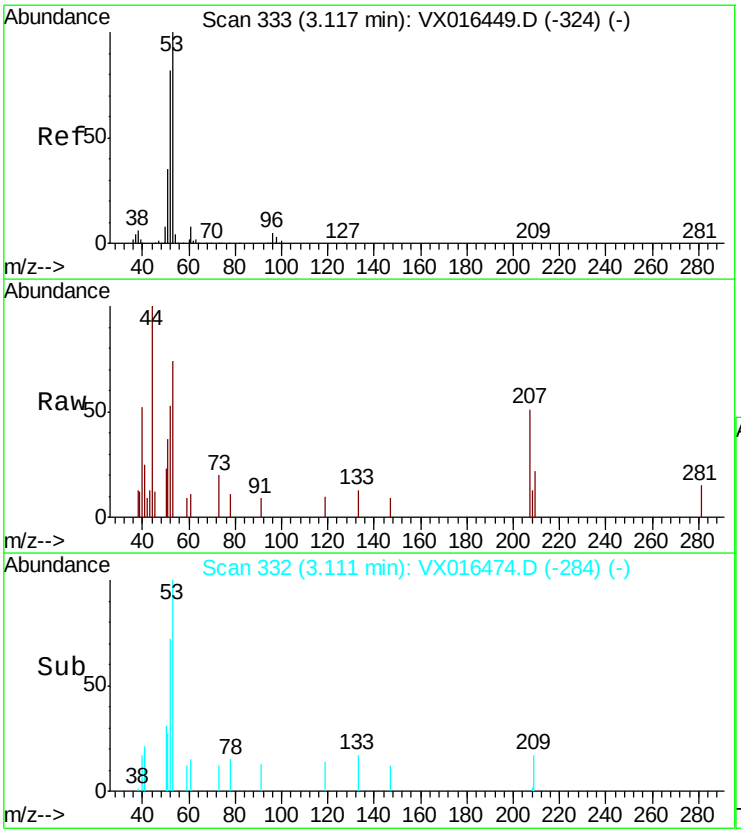
#14
Allyl chloride
Concen: 0.305 ug/l
RT: 2.68 min Scan# 261
Delta R.T. -0.02 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 41 Resp: 1842

Ion	Ratio	Lower	Upper
41	100		
39	13.1	47.7	71.5#
76	0.0	26.6	40.0#

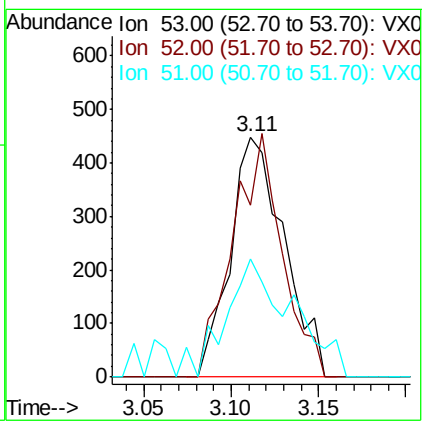


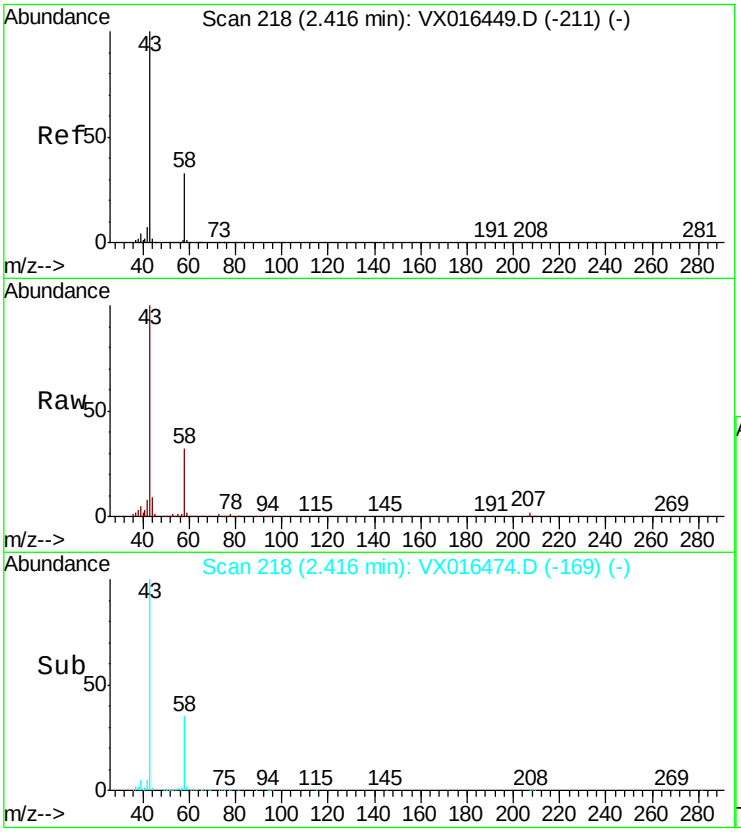


#15
Acrylonitrile
Concen: 0.431 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 53 Resp: 961

Ion	Ratio	Lower	Upper
53	100		
52	93.1	66.7	100.1
51	61.3	28.6	43.0#



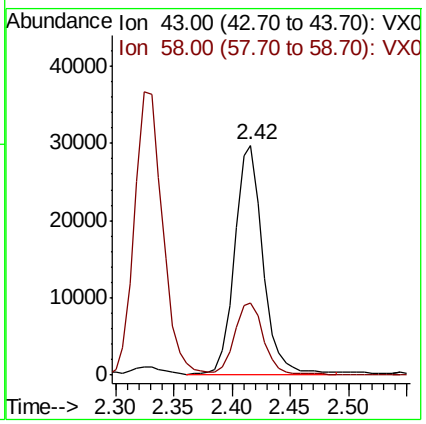


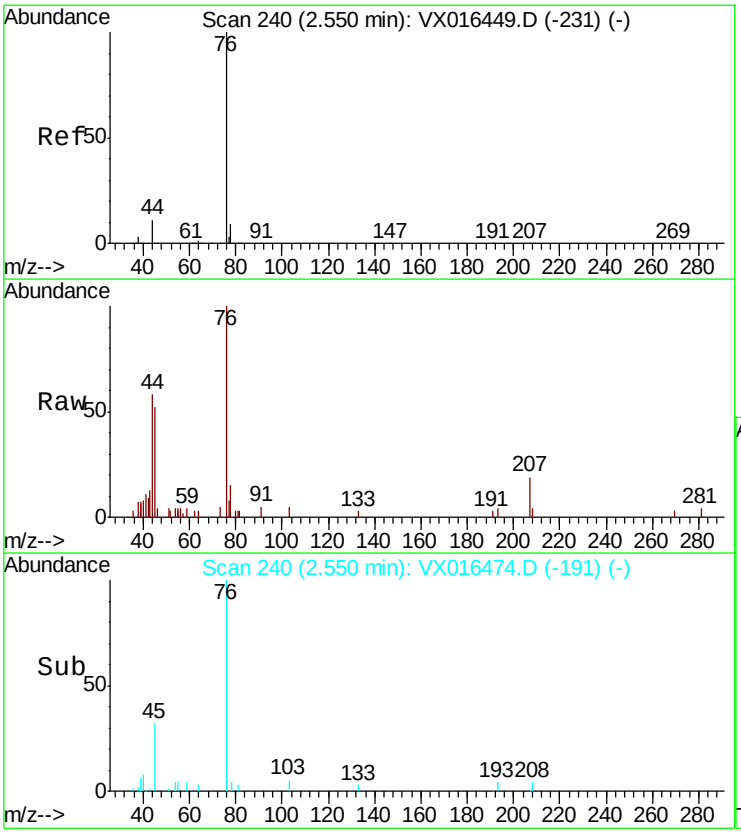
#16
Acetone
Concen: 27.457 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 43 Resp: 51045

Ion	Ratio	Lower	Upper
43	100		
58	31.3	26.1	39.1

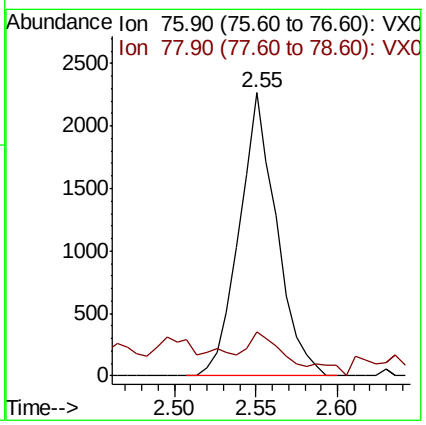


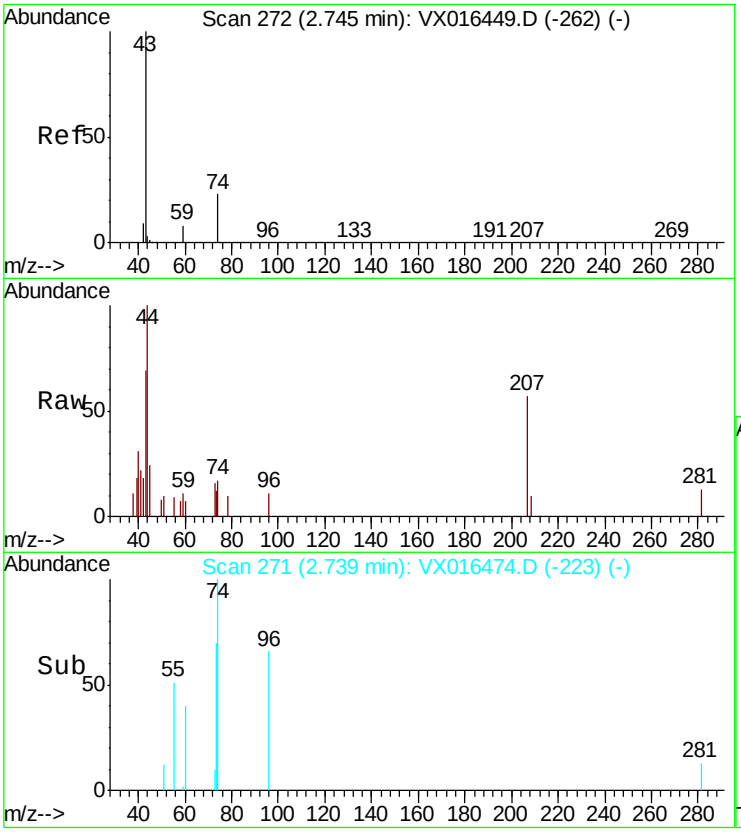


#17
Carbon Disulfide
Concen: 0.370 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 76 Resp: 3609

Ion	Ratio	Lower	Upper
76	100		
78	11.6	7.4	11.0#



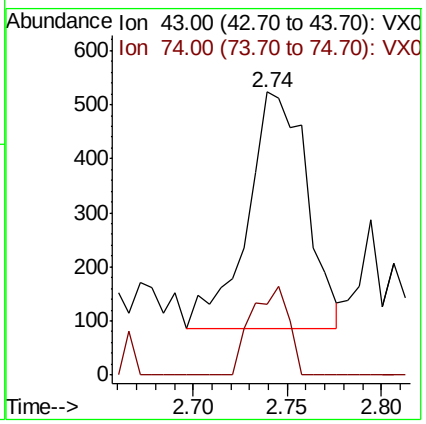


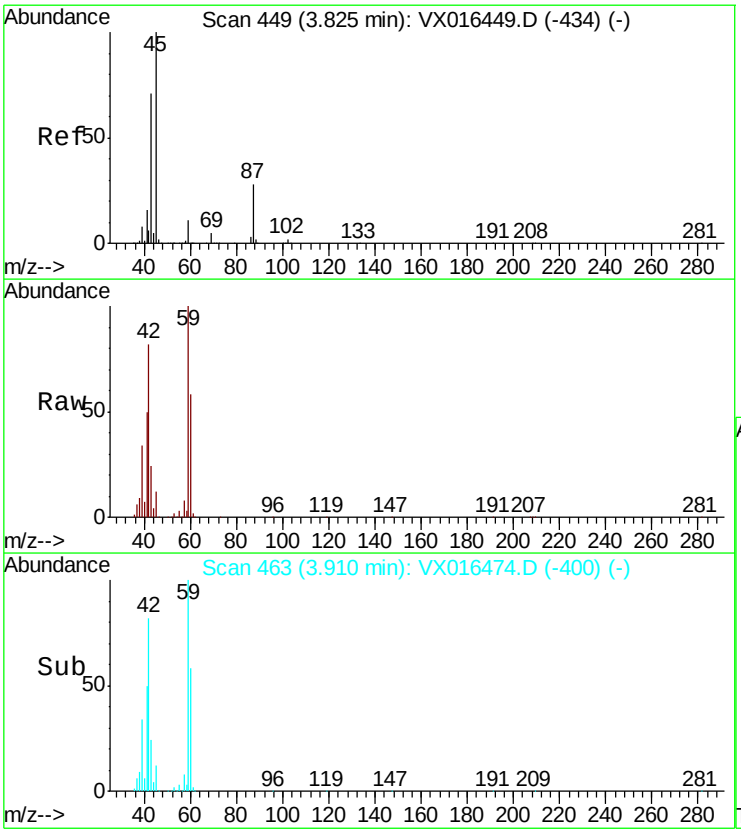
#18
Methyl Acetate
Concen: 0.200 ug/l
RT: 2.74 min Scan# 271
Delta R.T. -0.01 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument : MSVOA_X
ClientSampleId : 25-28-COMP

Tgt Ion: 43 Resp: 955

Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.7	29.5

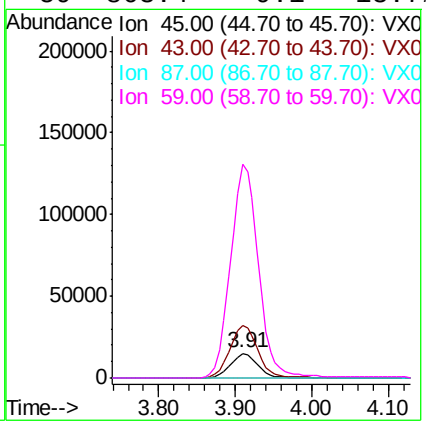


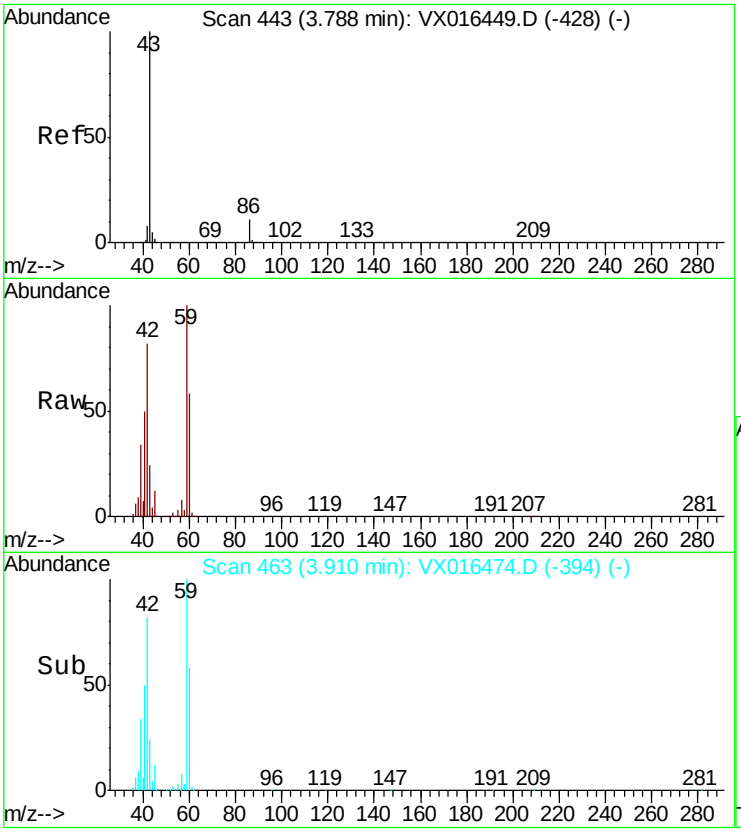


#22
Diisopropyl ether
Concen: 3.193 ug/l
RT: 3.91 min Scan# 463
Delta R.T. 0.09 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 45 Resp: 37089

Ion	Ratio	Lower	Upper
45	100		
43	211.1	57.0	85.6#
87	0.0	22.5	33.7#
59	863.4	9.1	13.7#



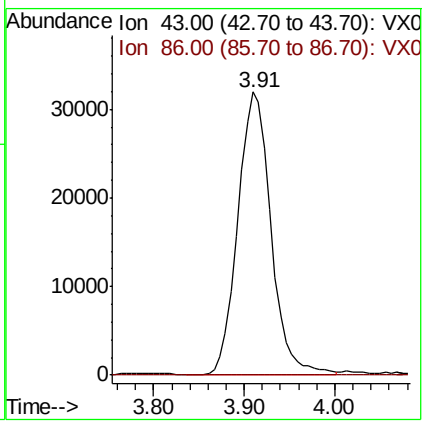


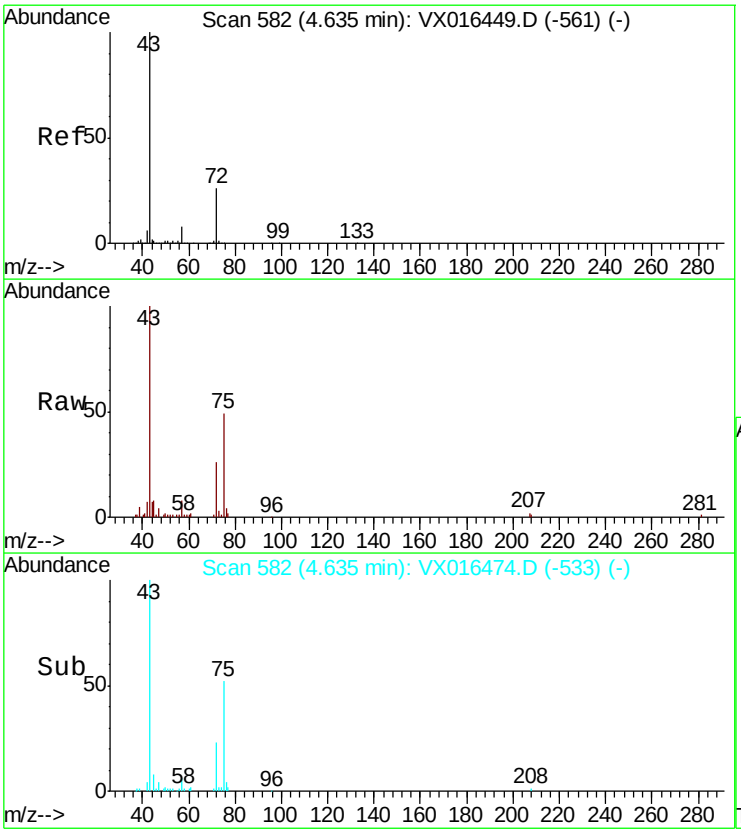
#23
Vinyl Acetate
Concen: 7.985 ug/l
RT: 3.91 min Scan# 463
Delta R.T. 0.12 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 43 Resp: 81180

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#

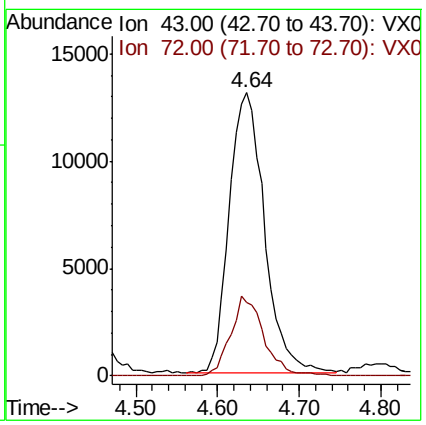


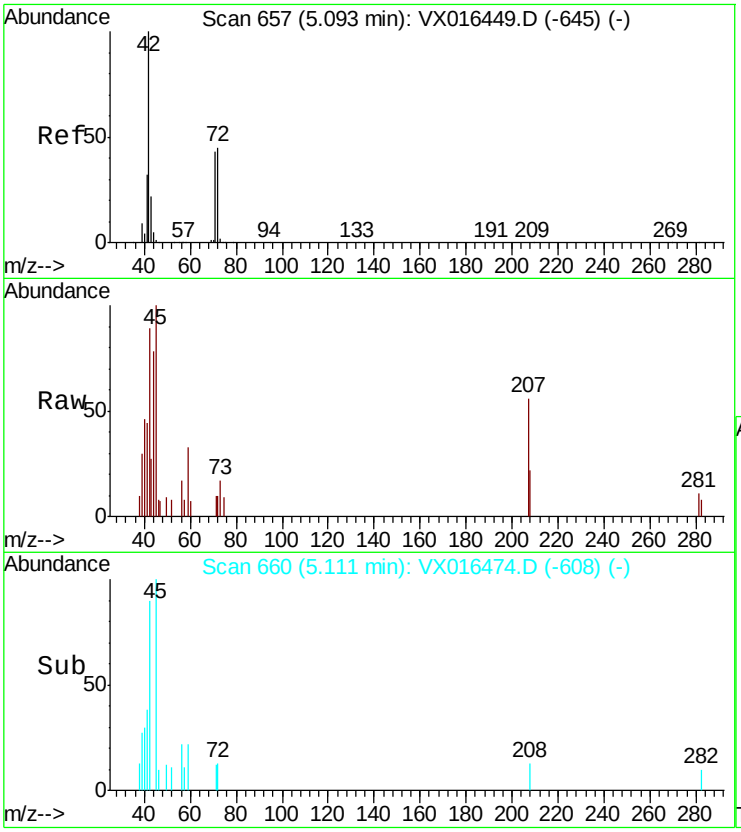


#25
2-Butanone
Concen: 12.401 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 43 Resp: 39066

Ion	Ratio	Lower	Upper
43	100		
72	26.1	21.0	31.6



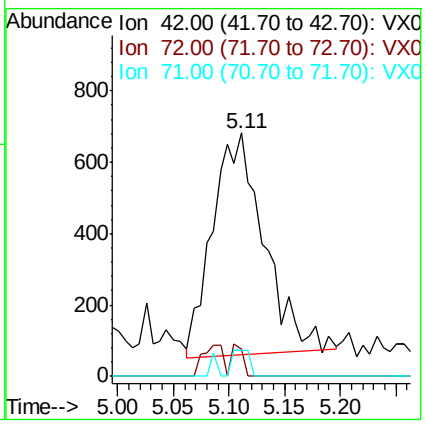


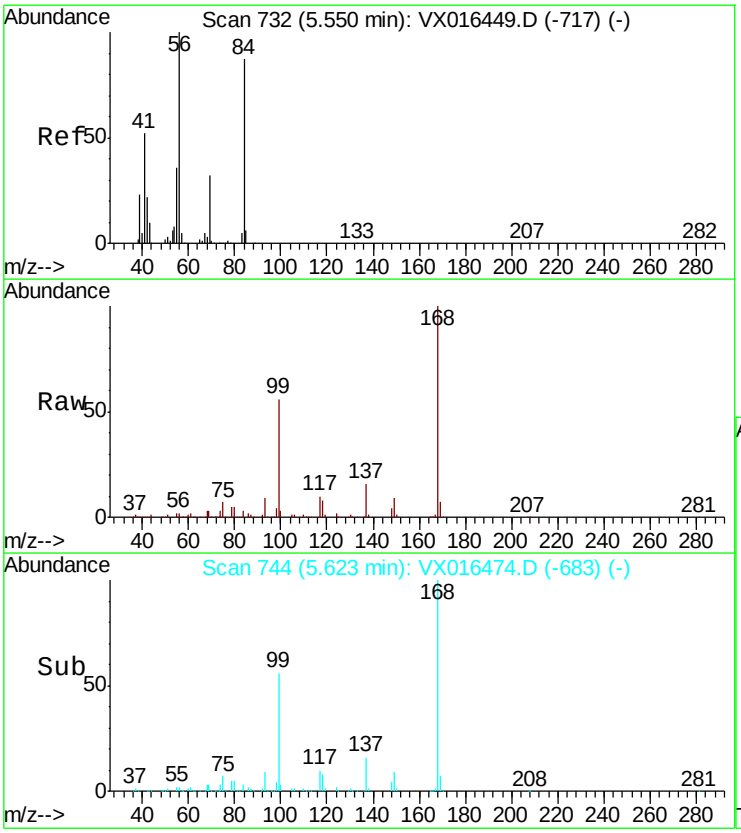
#29
Tetrahydrofuran
Concen: 0.986 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 42 Resp: 2007

Ion	Ratio	Lower	Upper
42	100		
72	3.1	37.0	55.4#
71	4.0	34.1	51.1#

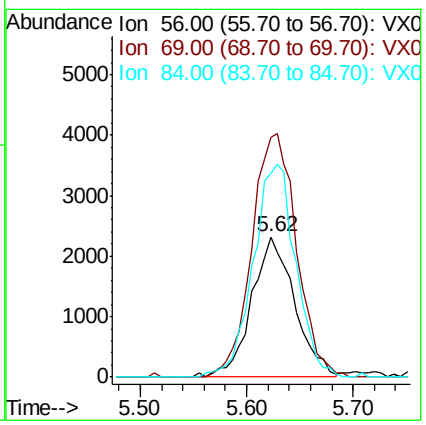


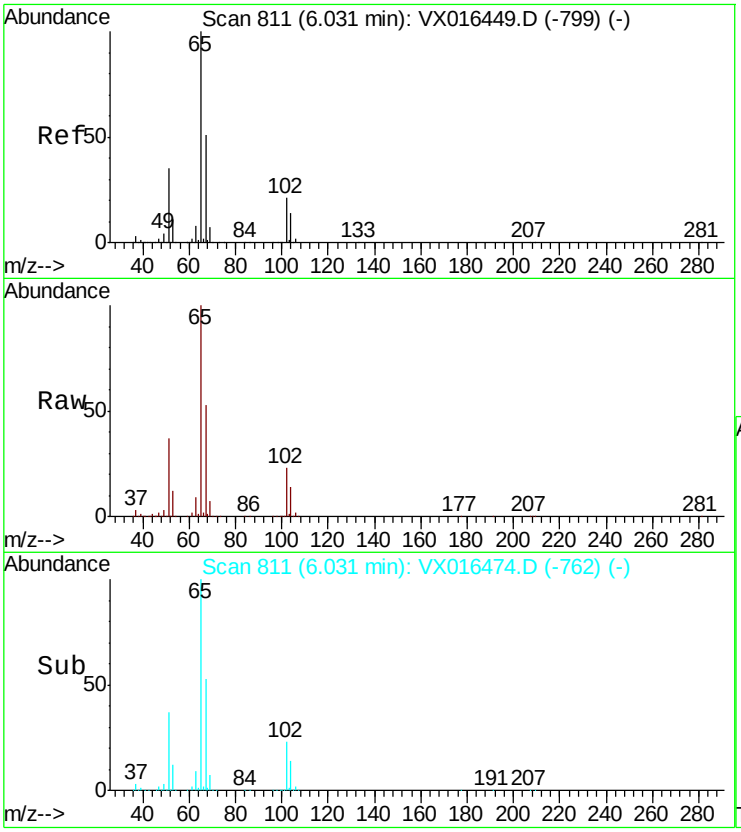


#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 56 Resp: 6550

Ion	Ratio	Lower	Upper
56	100		
69	170.8	25.7	38.5#
84	145.0	70.0	105.0#



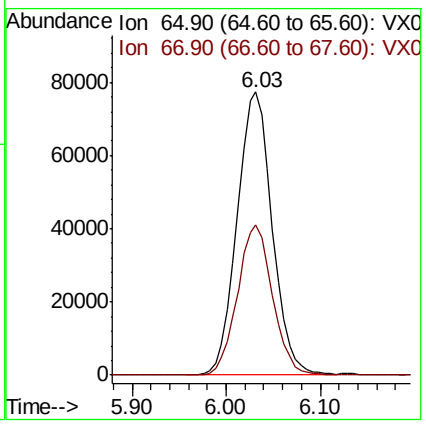


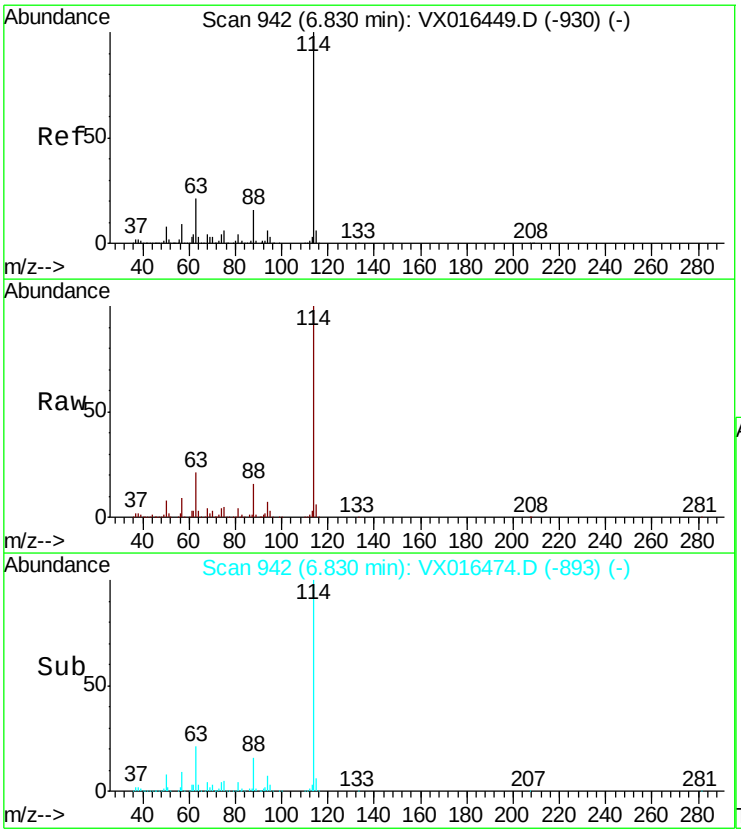
#33
1,2-Dichloroethane-d4
Concen: 47.584 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 65 Resp: 201909

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.8

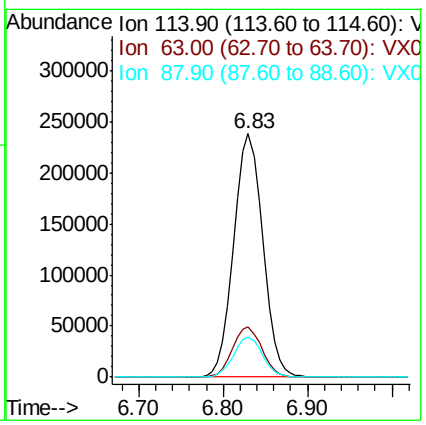


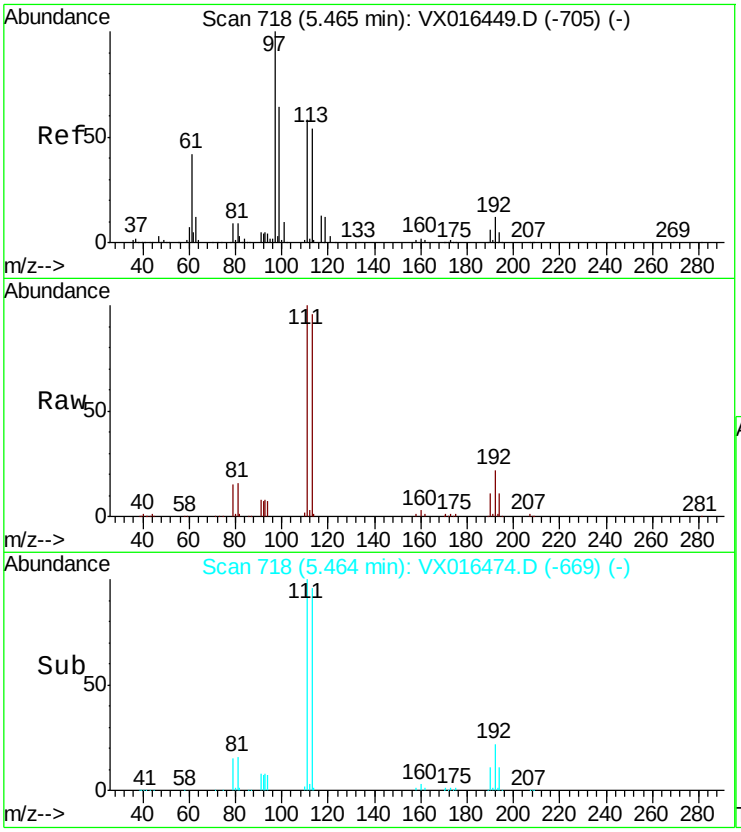


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion:114 Resp: 556453

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.6
88	16.2	0.0	32.8



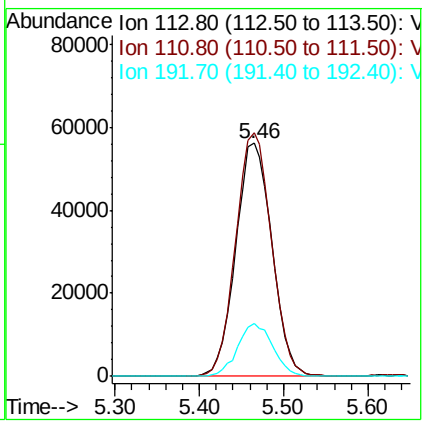


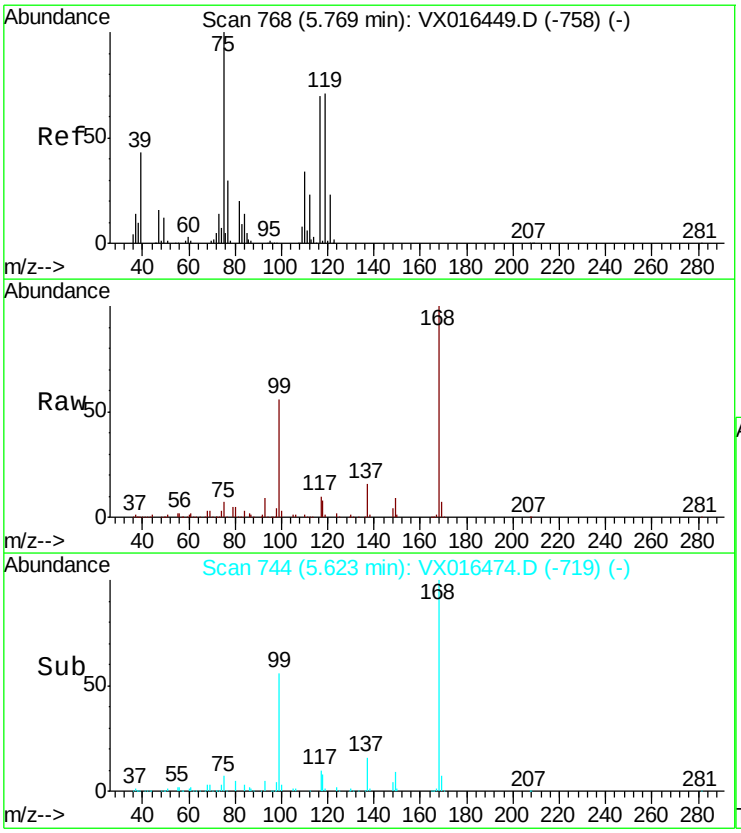
#35
Dibromofluoromethane
Concen: 47.605 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion:113 Resp: 163110

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.6
192	22.1	17.7	26.5

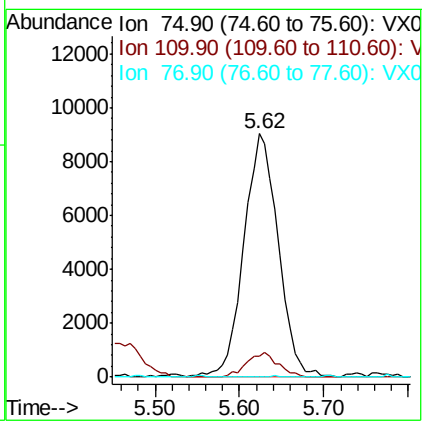


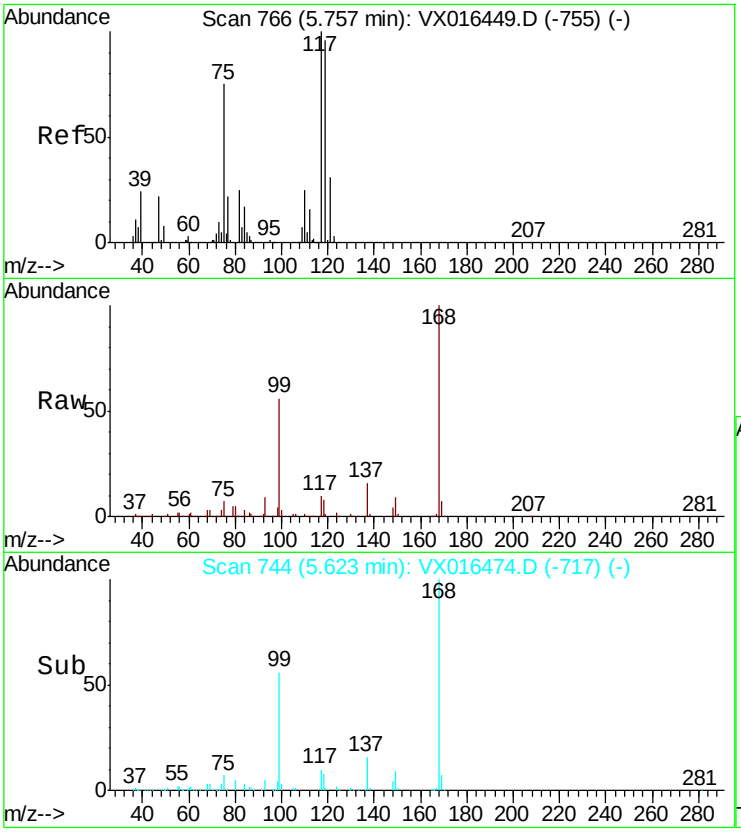


#36
1,1-Dichloropropene
Concen: 4.749 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.15 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 75 Resp: 25020

Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.4	52.3#
77	0.1	24.2	36.4#



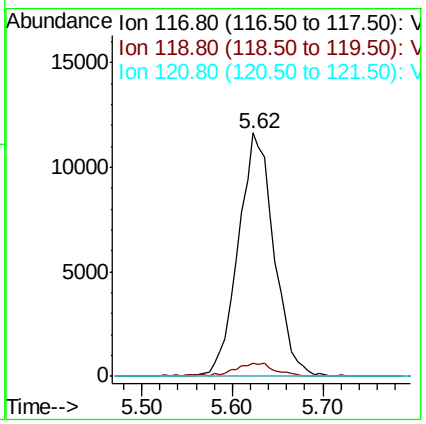


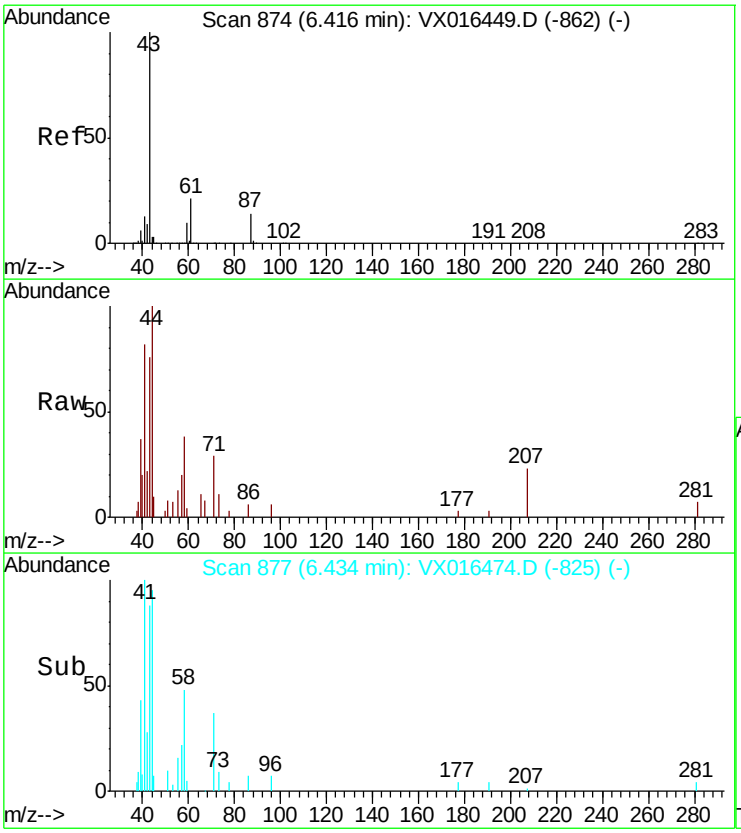
#38
Carbon Tetrachloride
Concen: 5.729 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion:117 Resp: 31718

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.3	114.5#
121	0.0	24.6	37.0#

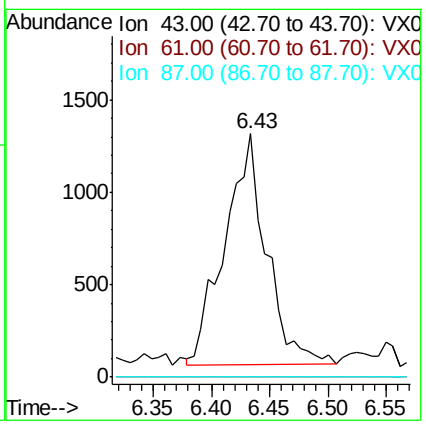


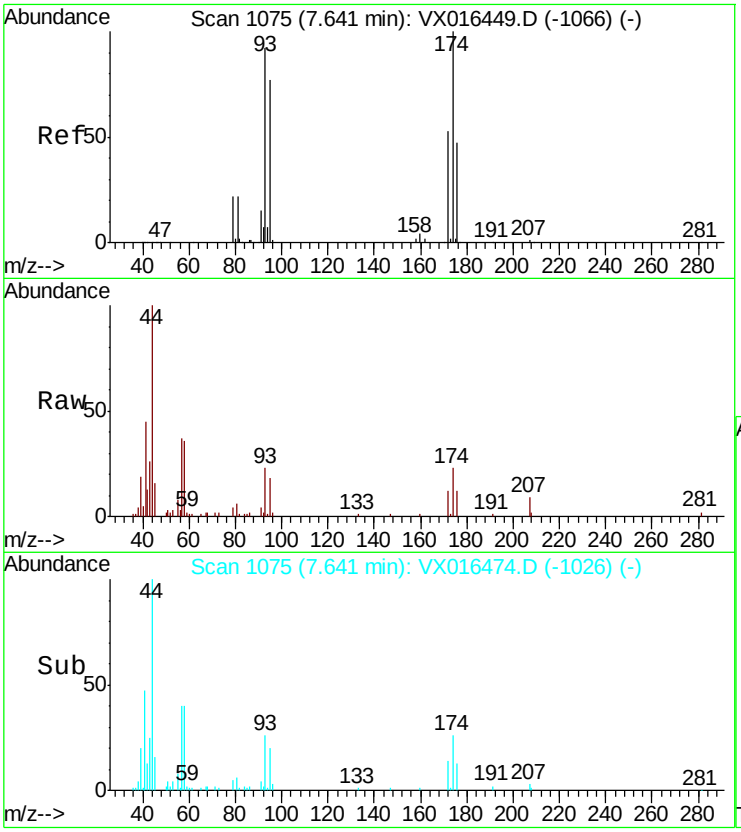


#43
Isopropyl Acetate
Concen: 0.316 ug/l
RT: 6.43 min Scan# 877
Delta R.T. 0.02 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 43 Resp: 3121

Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.8	25.2#
87	0.0	11.2	16.8#



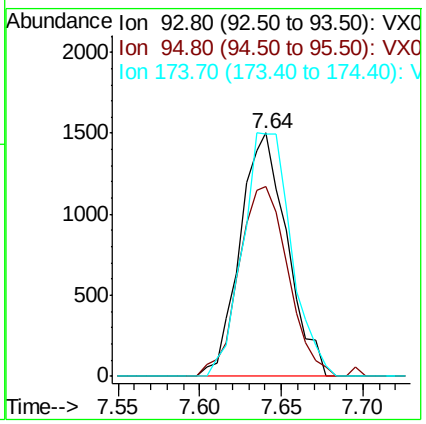


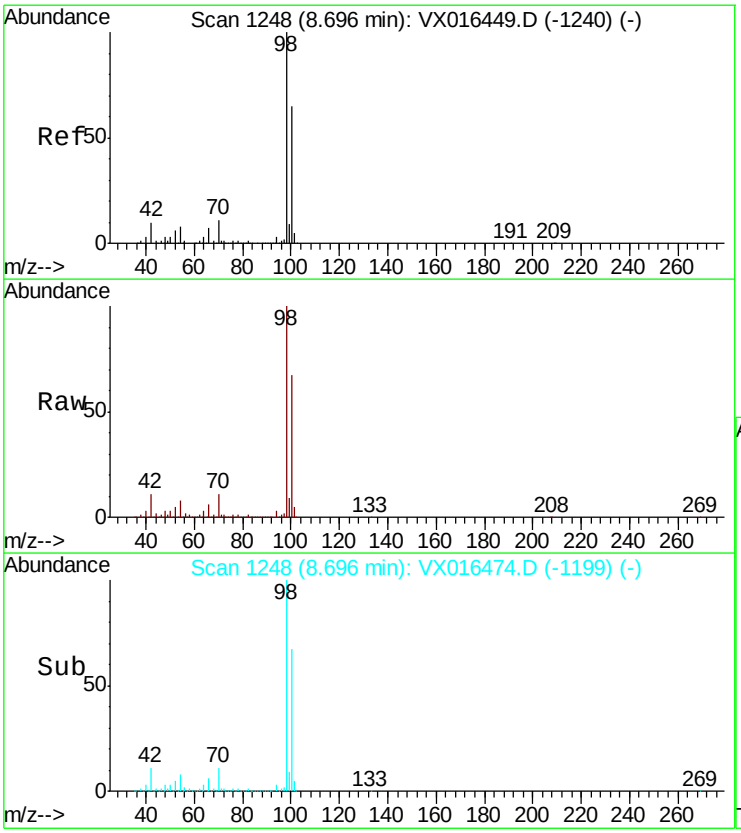
#46
Dibromomethane
Concen: 1.120 ug/l
RT: 7.64 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 93 Resp: 3004

Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.6	100.0
174	103.7	86.2	129.4

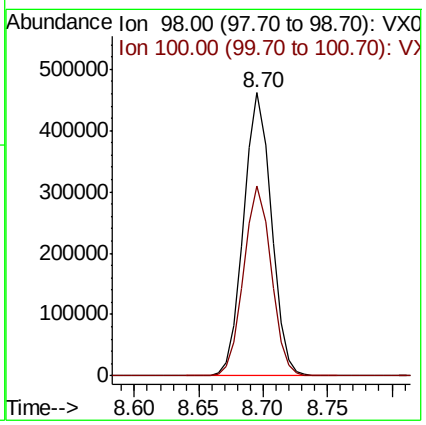


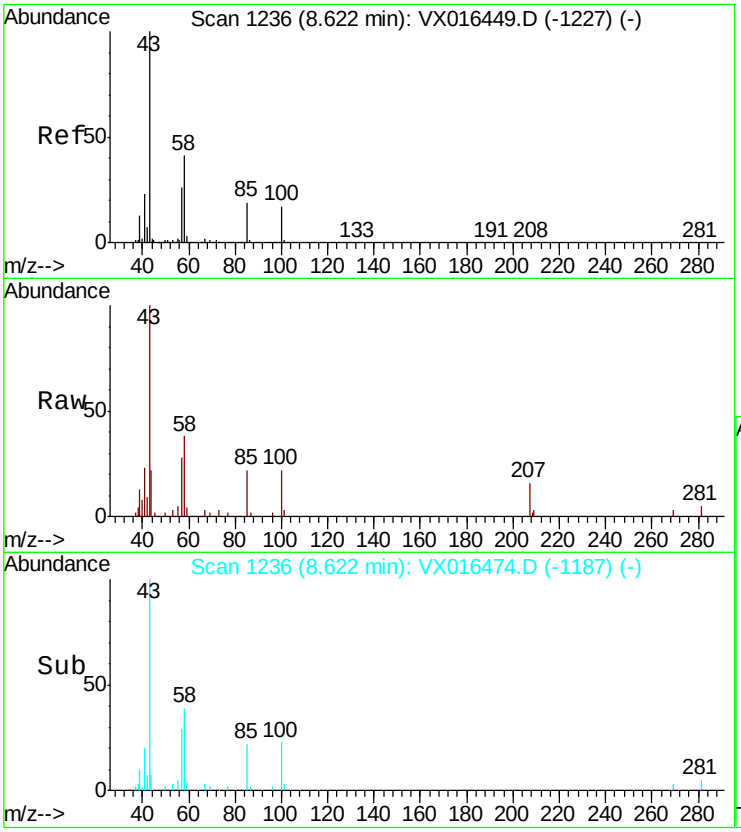


#50
Toluene-d8
Concen: 51.431 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 98 Resp: 685881

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.8	80.6



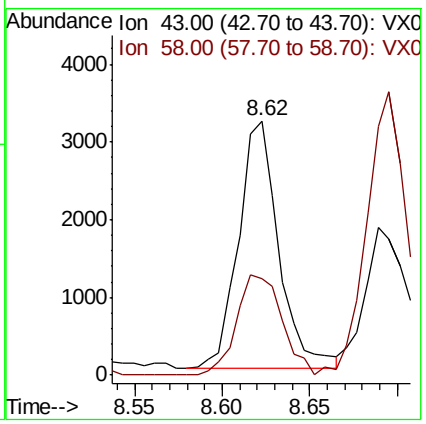


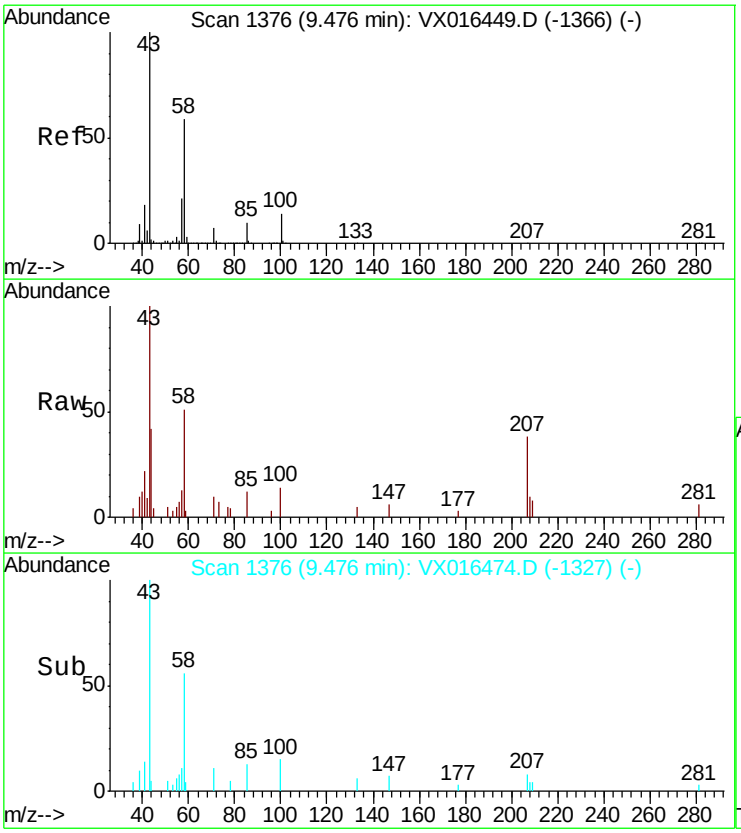
#51
4-Methyl-2-Pentanone
Concen: 0.833 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 43 Resp: 5116

Ion	Ratio	Lower	Upper
43	100		
58	45.4	33.0	49.6

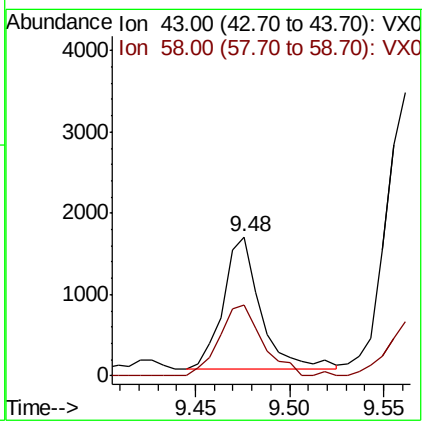


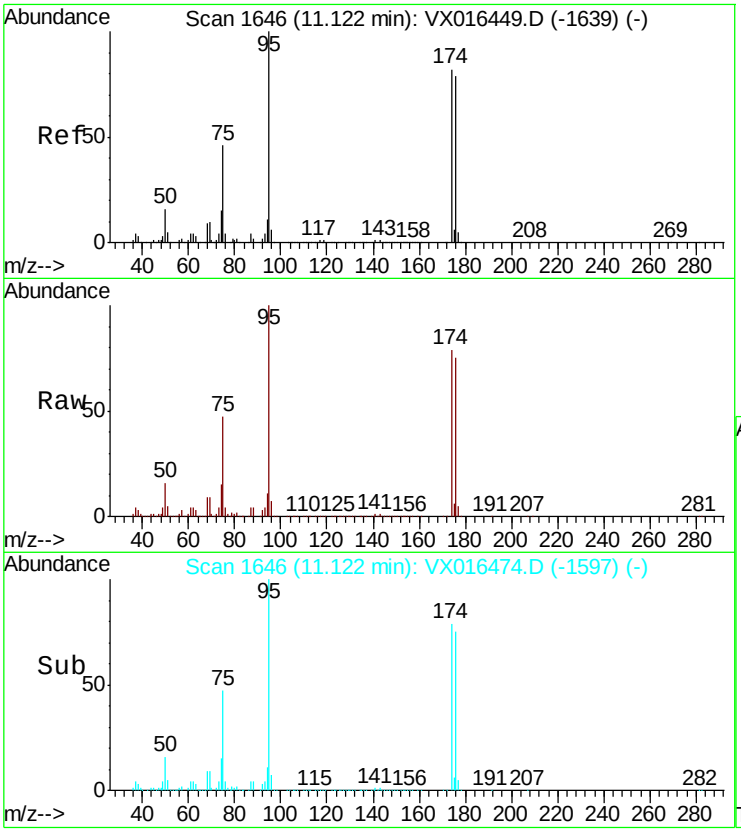


#59
2-Hexanone
Concen: 0.474 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 43 Resp: 2266

Ion	Ratio	Lower	Upper
43	100		
58	61.2	28.8	86.4



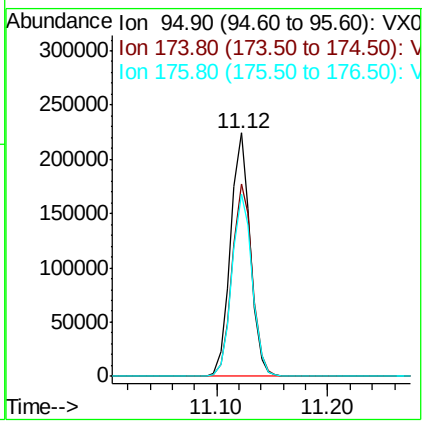


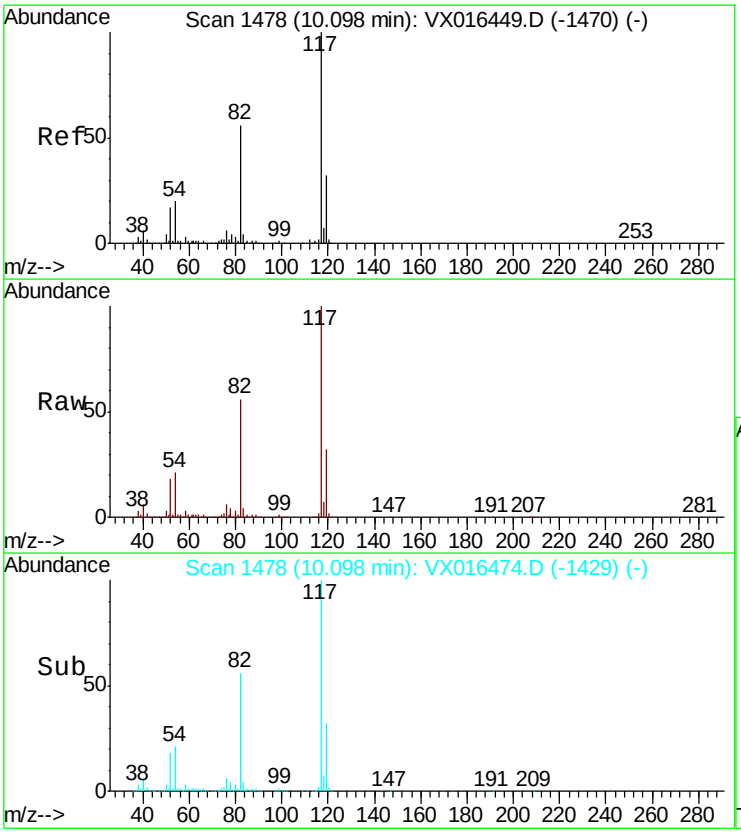
#62
4-Bromofluorobenzene
Concen: 53.088 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 95 Resp: 273564

Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	163.0
176	77.3	0.0	156.8

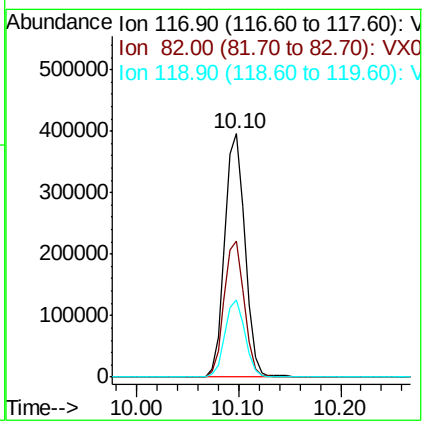


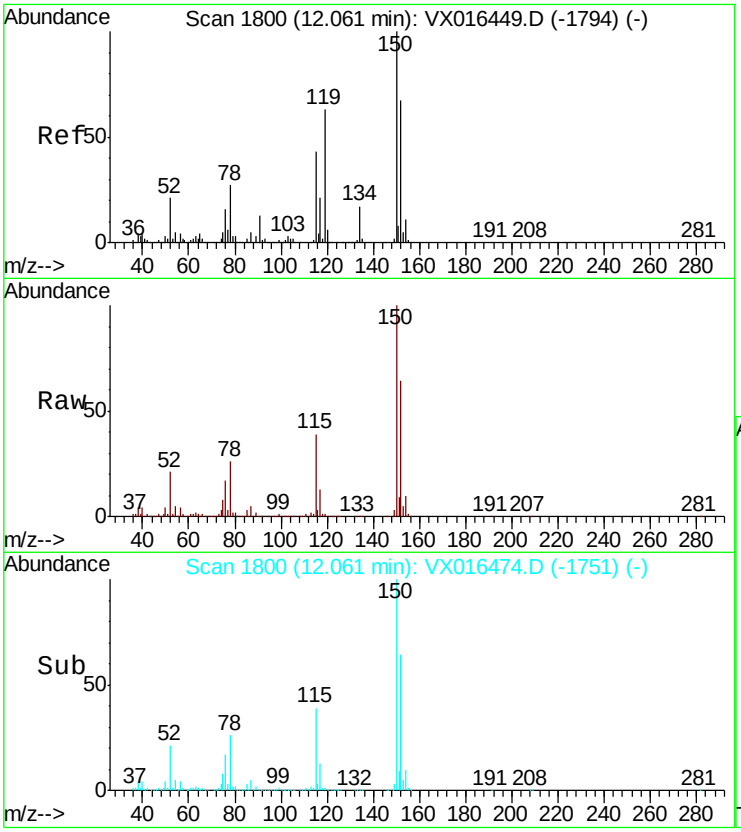


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion:117 Resp: 544509

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.0	67.6
119	31.8	25.8	38.8



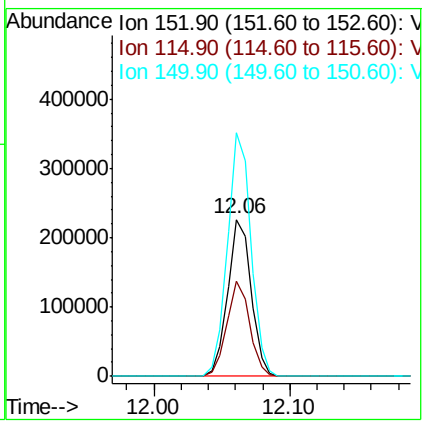


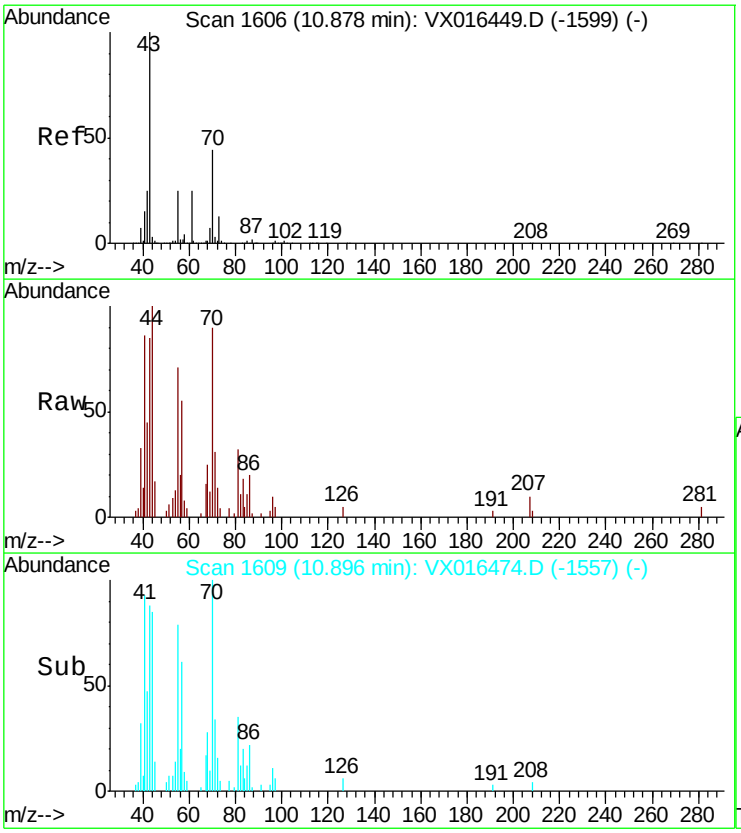
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion:152 Resp: 271963

Ion	Ratio	Lower	Upper
152	100		
115	58.9	39.9	119.6
150	155.1	0.0	341.0

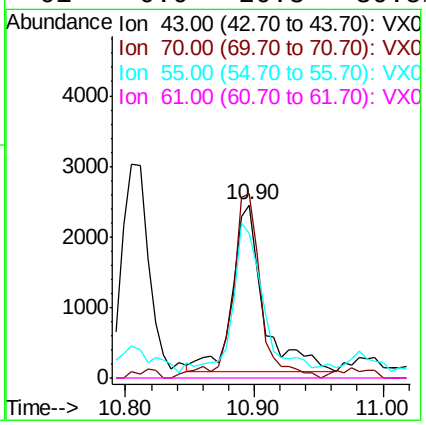


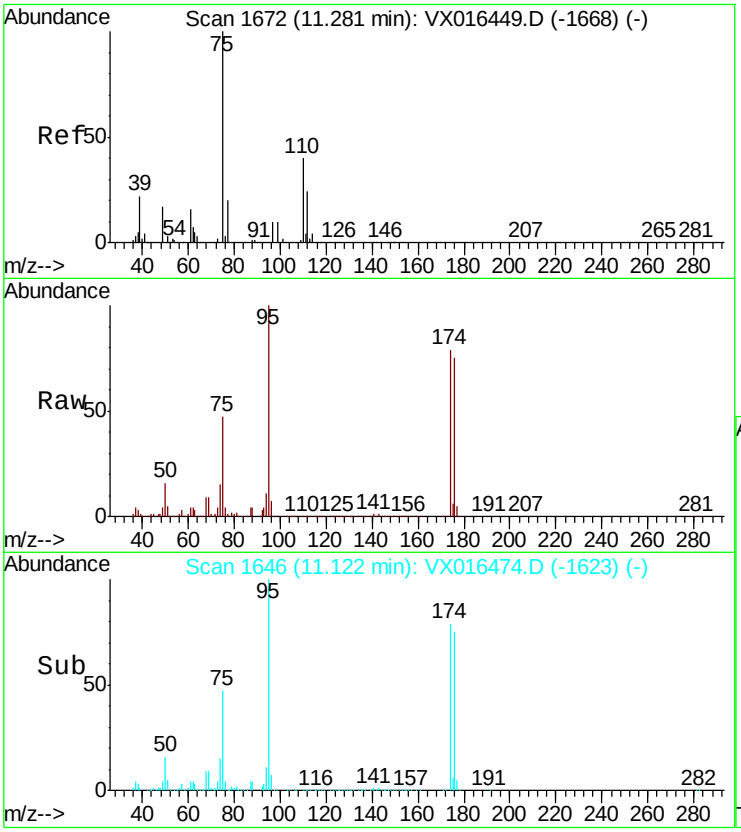


#74
N-amyl acetate
Concen: 0.456 ug/l
RT: 10.90 min Scan# 1609
Delta R.T. 0.02 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 43 Resp: 3954

Ion	Ratio	Lower	Upper
43	100		
70	100.6	36.1	54.1#
55	91.6	20.2	30.4#
61	0.0	20.3	30.5#



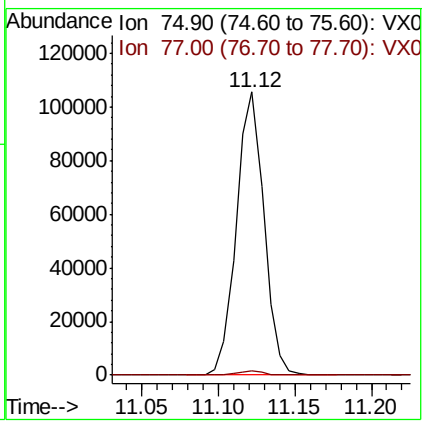


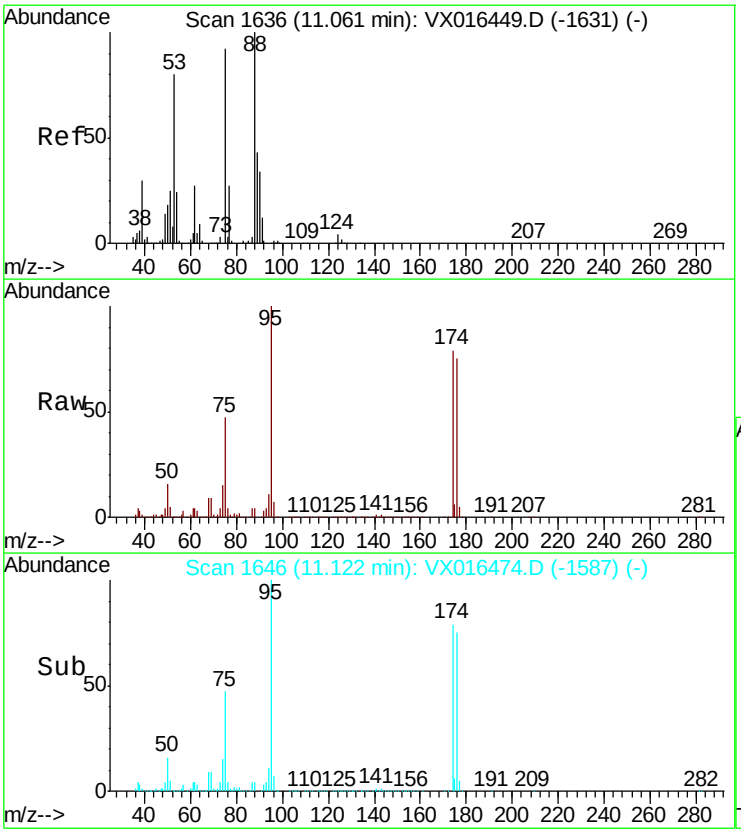
#76
1,2,3-Trichloropropane
Concen: 22.062 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion: 75 Resp: 131883

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.3	63.7#

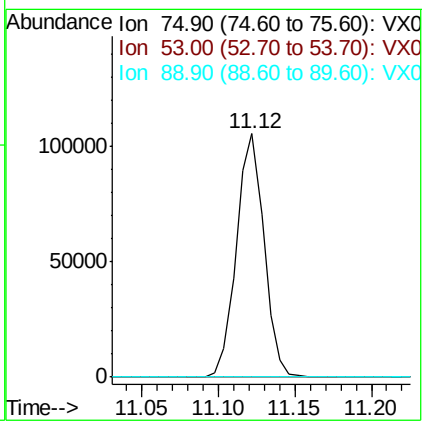


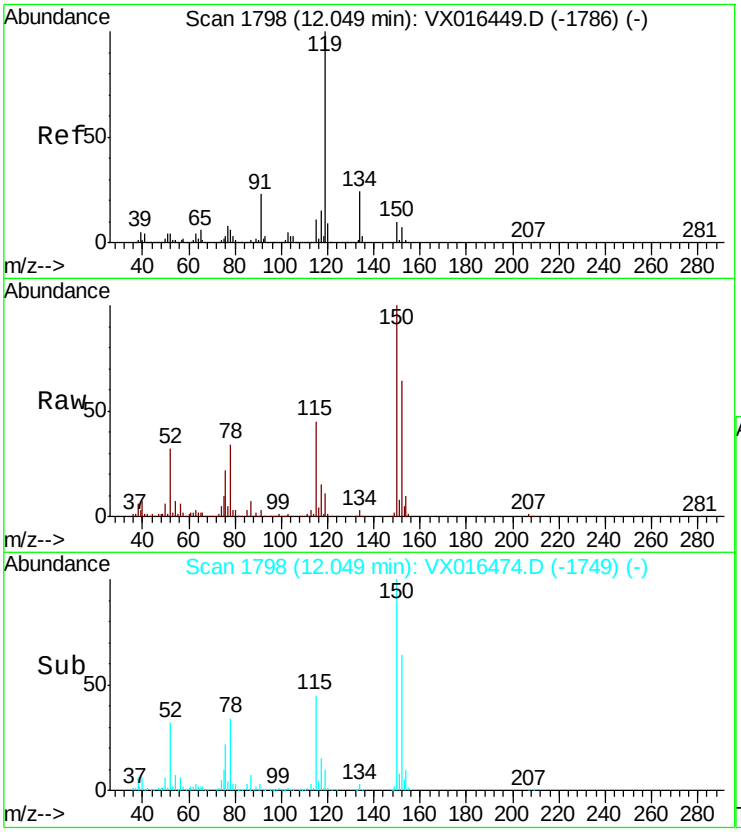


#81
trans-1,4-Dichloro-2-butene
Concen: 54.269 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 75 Resp: 131883

Ion	Ratio	Lower	Upper
75	100		
53	0.1	71.3	106.9#
89	0.0	36.6	55.0#



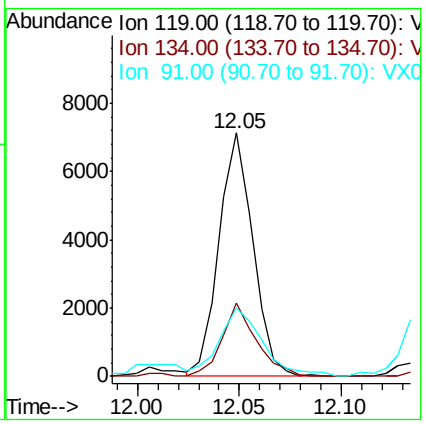


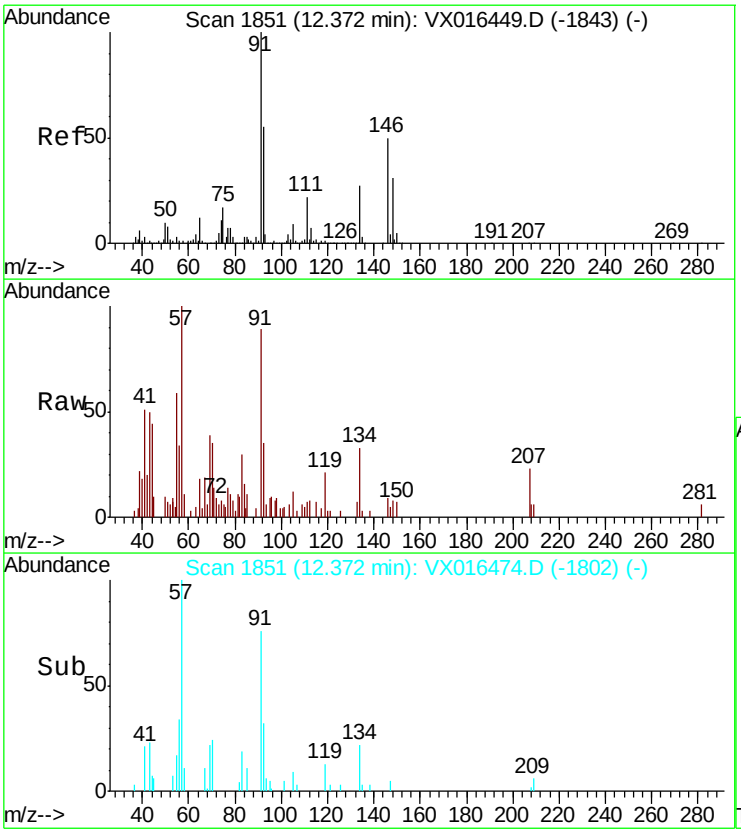
#86
p-Isopropyltoluene
Concen: 0.520 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion:119 Resp: 8217

Ion	Ratio	Lower	Upper
119	100		
134	30.2	12.7	38.0
91	36.2	11.7	35.0#

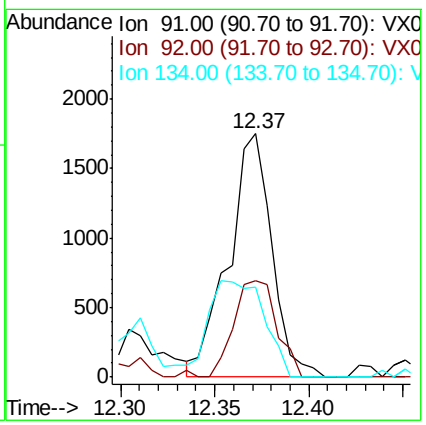


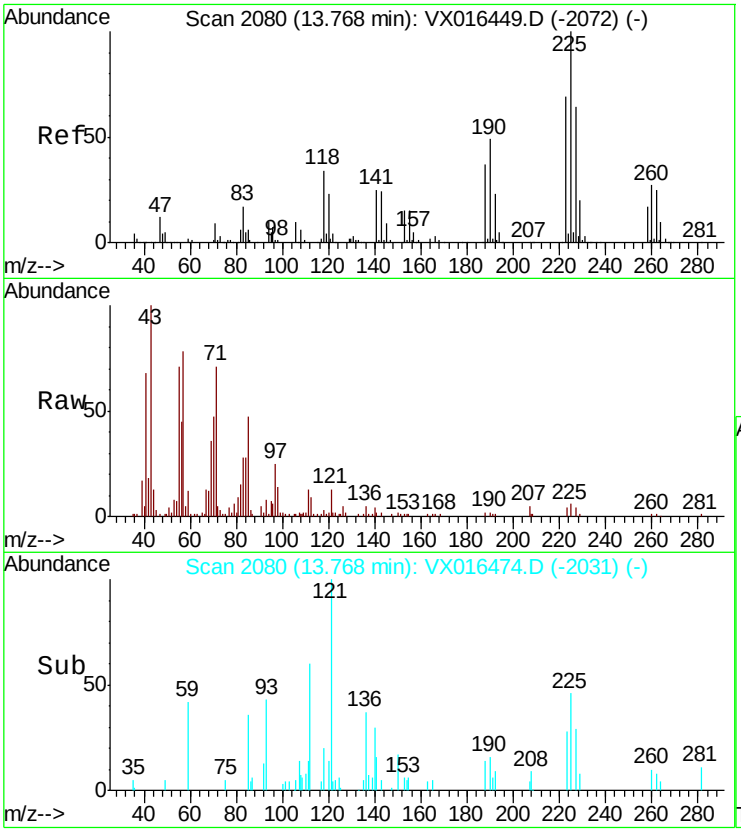


#89
n-Butylbenzene
Concen: 0.212 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Tgt Ion: 91 Resp: 2787

Ion	Ratio	Lower	Upper
91	100		
92	39.9	27.2	81.5
134	50.5	13.1	39.3#





#94
Hexachlorobutadiene
Concen: 0.419 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX016474.D
Acq: 28 May 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

Tgt Ion:225 Resp: 906

Ion	Ratio	Lower	Upper
225	100		
223	50.2	32.3	96.8
227	47.0	31.6	94.7