Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
Data File : VX017548.D
Acq On : 24 Jul 2020 17:16
Operator : JC/SP
Sample : L3381-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 347-GRID-B1-B2

Quant Time: Jul 25 01:52:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	461554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	749022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	897878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	449180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	339856	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.64%			
35) Dibromofluoromethane	5.47	113	254089	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.44%			
50) Toluene-d8	8.70	98	1039370	57.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.02%			
62) 4-Bromofluorobenzene	11.12	95	428574	59.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	131	Below Cal	#	42
3) Chloromethane	1.31	50	1303	0.594 ug/l	#	77
5) Bromomethane	1.61	94	124	Below Cal	#	14
6) Chloroethane	1.70	64	339	Below Cal	#	44
8) Diethyl Ether	2.25	74	499	Below Cal		76
11) Tert butyl alcohol	3.03	59	2109	1.688 ug/l	#	33
13) Acrolein	2.26	56	743	4.914 ug/l	#	14
16) Acetone	2.42	43	54560	20.908 ug/l		96
18) Methyl Acetate	2.75	43	7751	1.261 ug/l	#	75
20) Methylene Chloride	2.84	84	37127	6.435 ug/l		92
25) 2-Butanone	4.65	43	11819	3.188 ug/l		96
29) Tetrahydrofuran	4.90	42	472	0.206 ug/l		89
36) 1,1-Dichloropropene	5.64	75	34324	4.778 ug/l	#	53
38) Carbon Tetrachloride	5.64	117	46700	5.353 ug/l	#	17
43) Isopropyl Acetate	6.42	43	139846	10.783 ug/l		98
48) Methyl methacrylate	7.85	41	204523	31.815 ug/l	#	46
49) 1,4-Dioxane	7.71	88	227	1.842 ug/l	#	22
51) 4-Methyl-2-Pentanone	8.59	43	137556	17.777 ug/l	#	47
52) Toluene	8.76	92	8530	0.646 ug/l		100
54) cis-1,3-Dichloropropene	8.59	75	59091	6.374 ug/l	#	60
59) 2-Hexanone	9.52	43	122990	21.111 ug/l	#	50
68) m/p-Xylenes	10.34	106	7128	0.567 ug/l		94
69) o-Xylene	10.68	106	4699	0.389 ug/l		90
74) N-amyl acetate	10.81	43	6651	0.486 ug/l	#	51
76) 1,2,3-Trichloropropane	11.12	75	219038	23.706 ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.12	75	219038	59.733 ug/l	#	12
84) 1,2,4-Trimethylbenzene	11.79	105	16324	0.624 ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.14	75	238	2.660 ug/l		89
95) Naphthalene	13.82	128	66683	2.248 ug/l		99

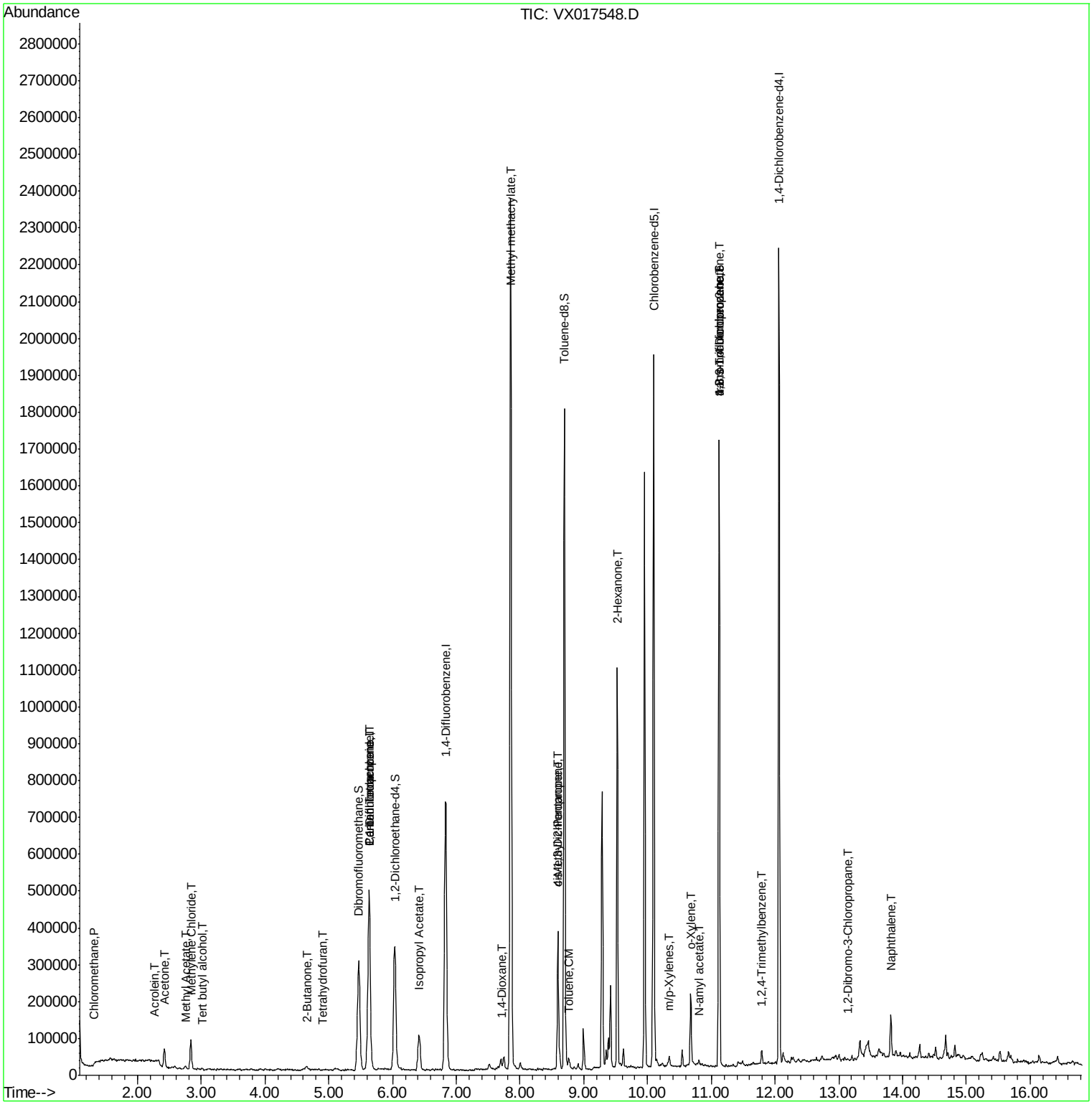
(#) = qualifier out of range (m) = manual integration (+) = signals summed

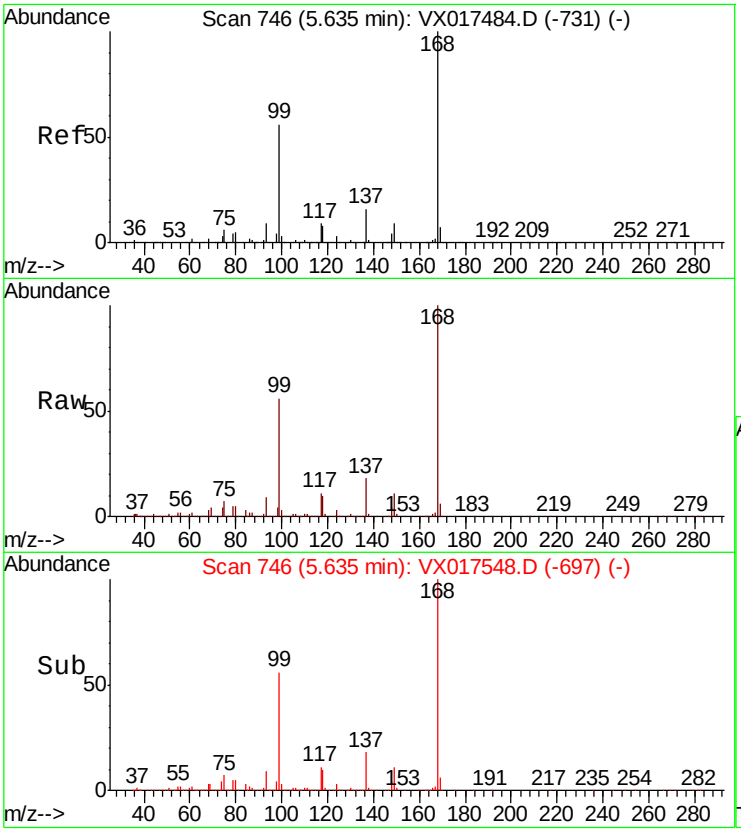
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
Data File : VX017548.D
Acq On : 24 Jul 2020 17:16
Operator : JC/SP
Sample : L3381-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Quant Time: Jul 25 01:52:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration



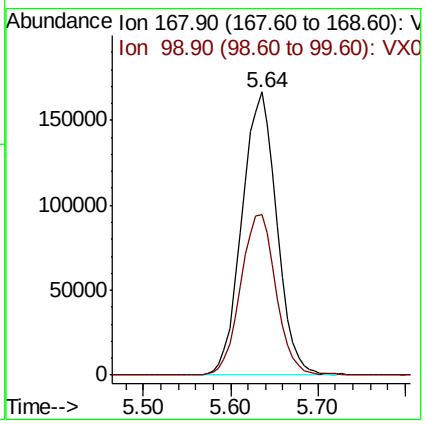


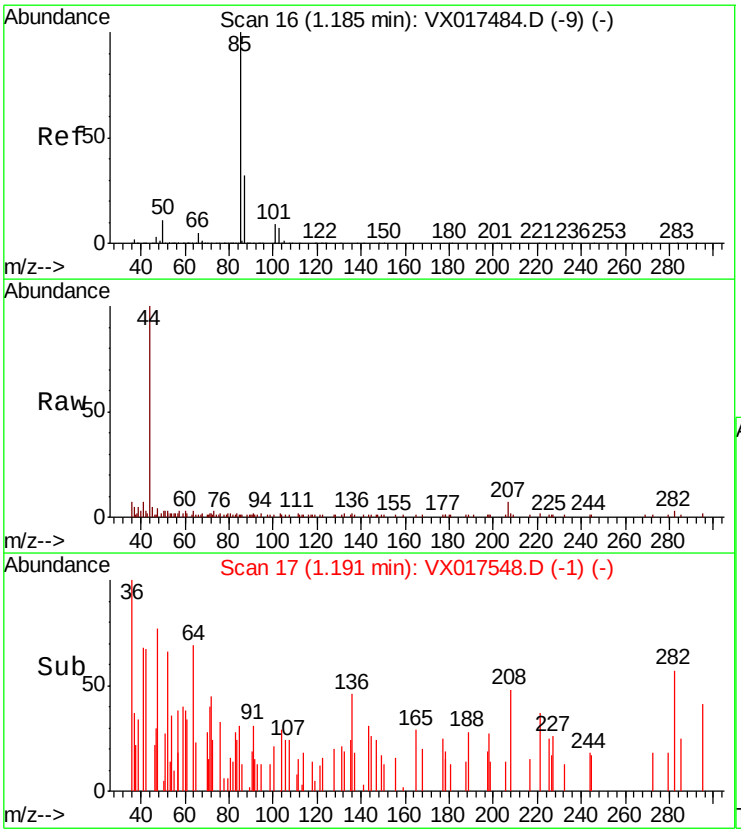
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion:168 Resp: 461554

Ion	Ratio	Lower	Upper
168	100		
99	56.4	43.4	65.2

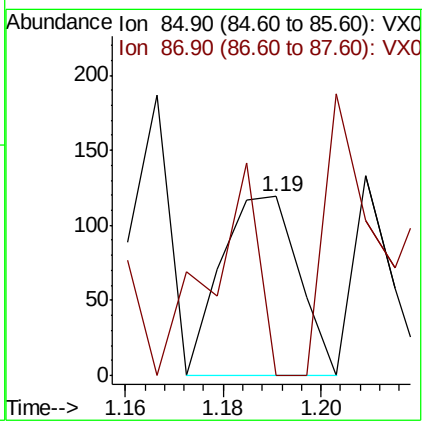


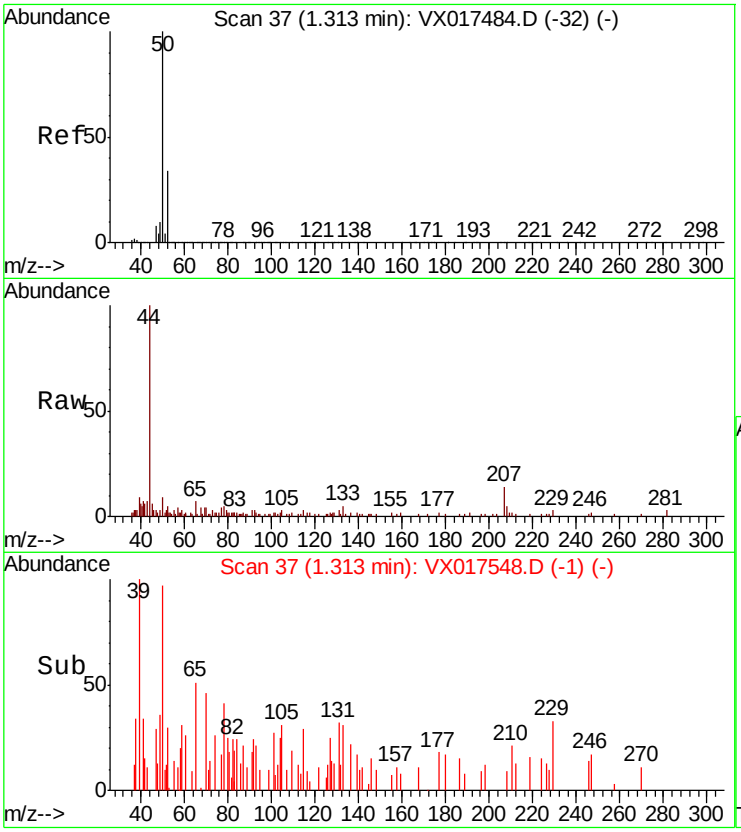


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.19 min Scan# 17
Delta R.T. 0.01 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 85 Resp: 131

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.3#



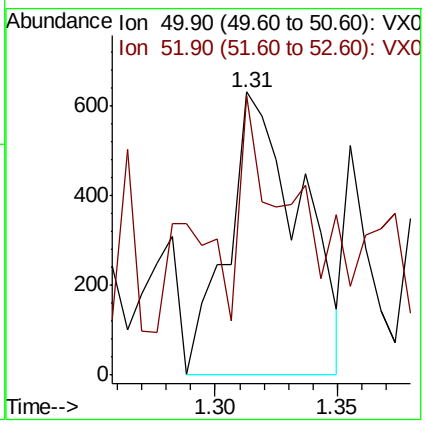


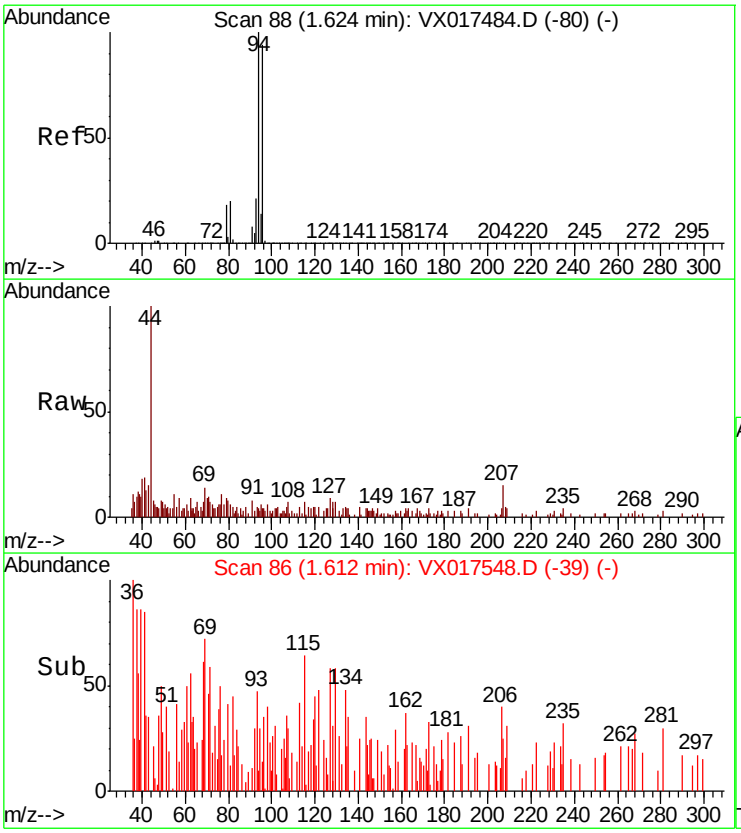
#3
Chloromethane
Concen: 0.594 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 50 Resp: 1303

Ion	Ratio	Lower	Upper
50	100		
52	45.1	25.9	38.9#

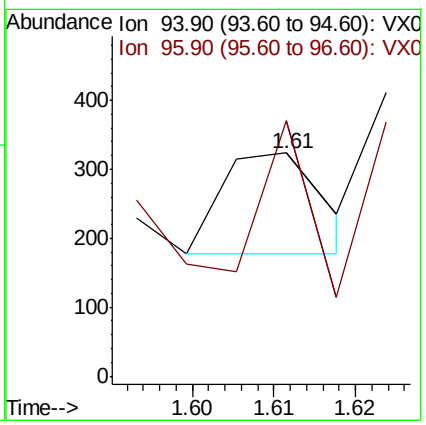


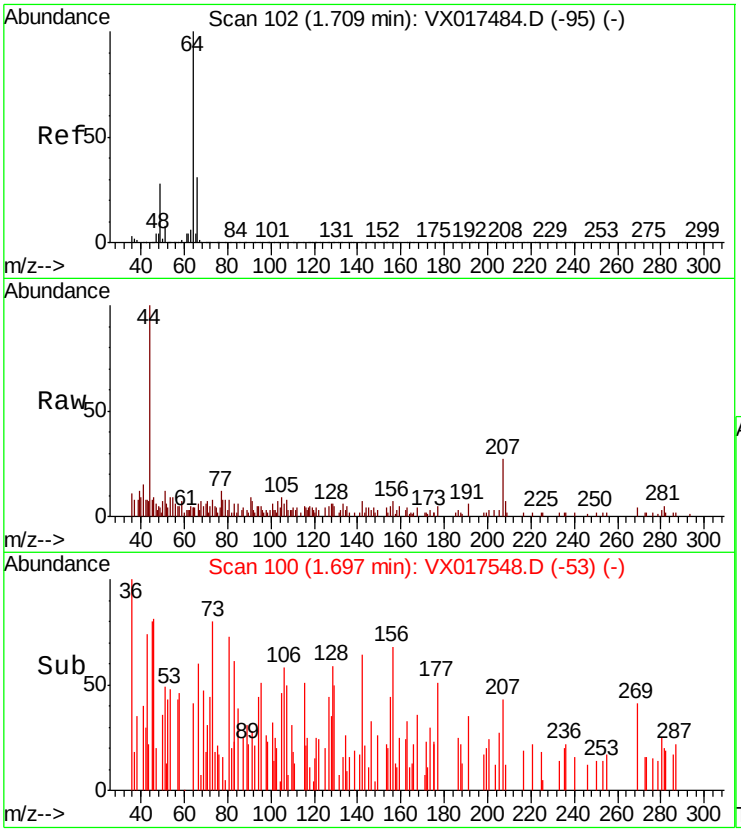


#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 86
Delta R.T. -0.01 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 94 Resp: 124

Ion	Ratio	Lower	Upper
94	100		
96	175.3	74.1	111.1#



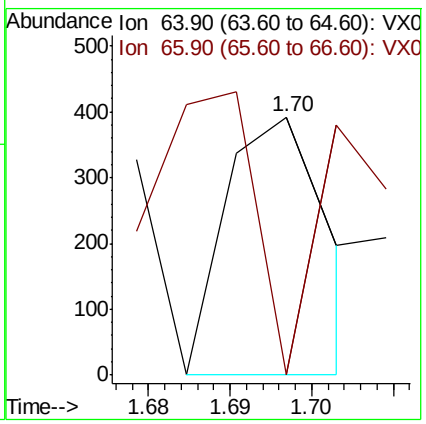


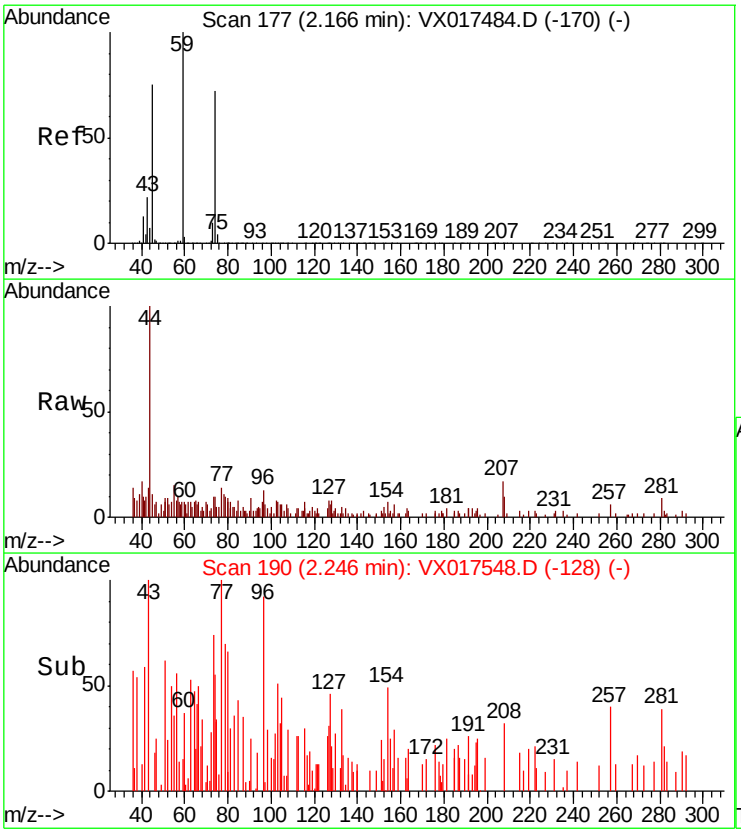
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 100
Delta R.T. -0.01 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 64 Resp: 339

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.9	37.3#

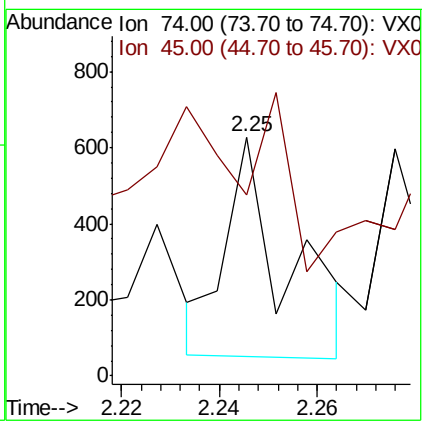


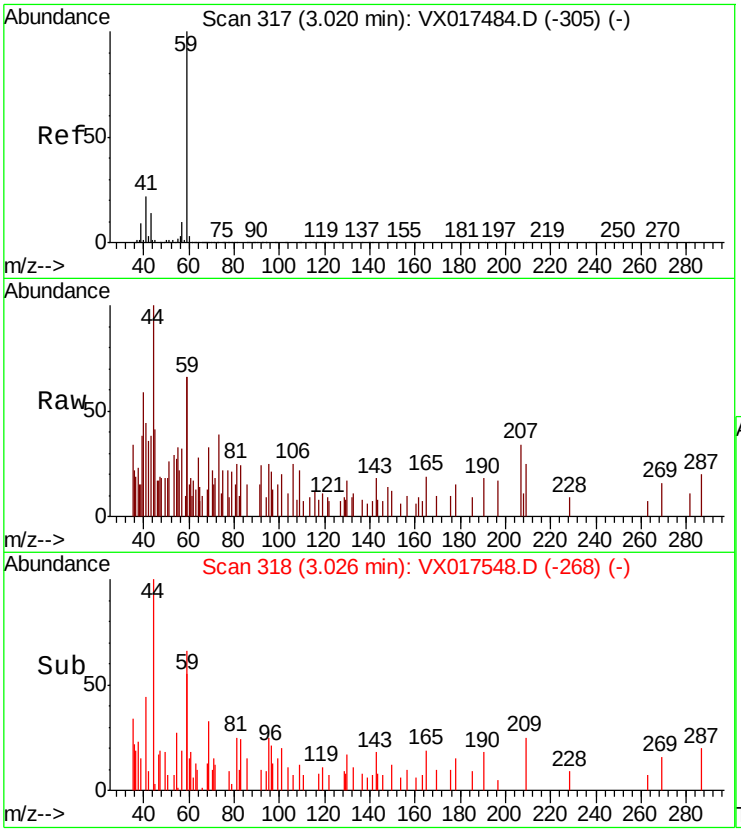


#8
Diethyl Ether
Concen: Below Cal
RT: 2.25 min Scan# 190
Delta R.T. 0.08 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 74 Resp: 499

Ion	Ratio	Lower	Upper
74	100		
45	77.6	50.8	152.5



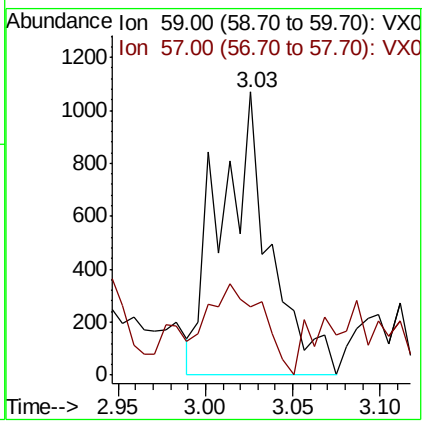


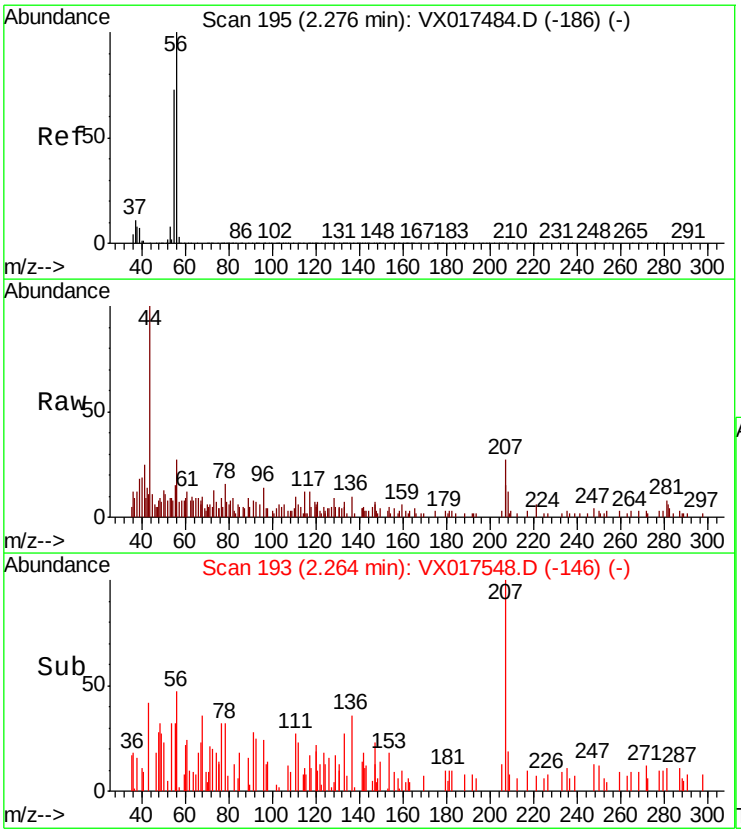
#11
Tert butyl alcohol
Concen: 1.688 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument : MSVOA_X
ClientSampleId : 347-GRID-B1-B2

Tgt Ion: 59 Resp: 2109

Ion	Ratio	Lower	Upper
59	100		
57	35.9	8.6	12.8#

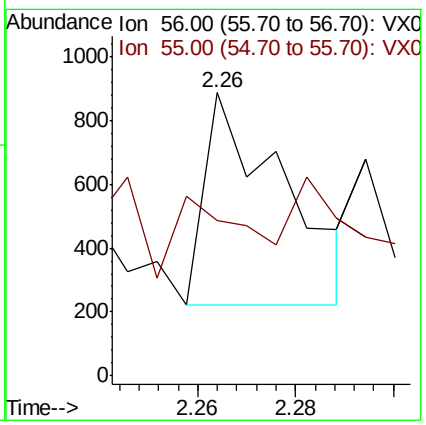


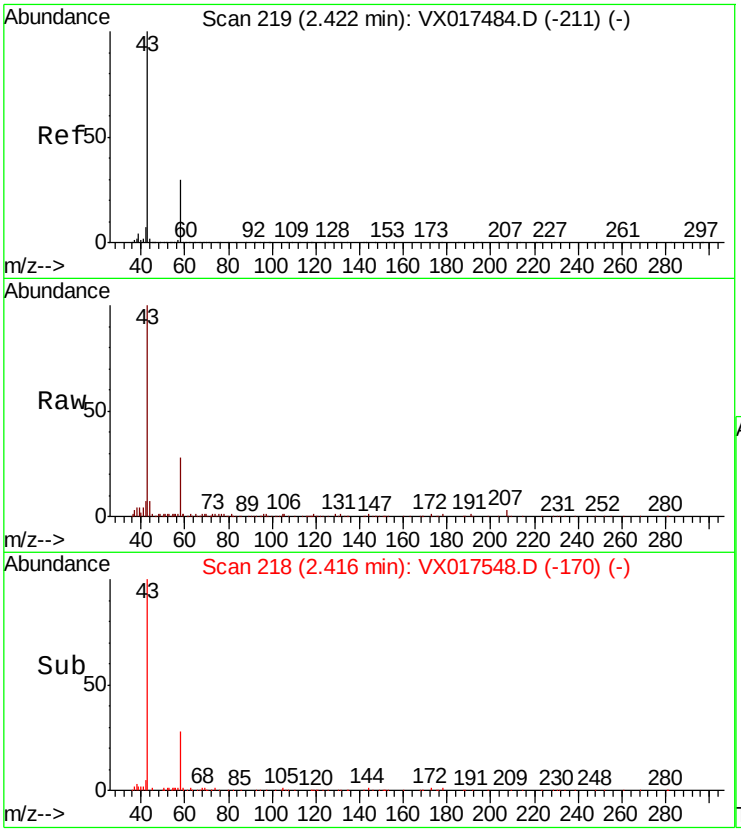


#13
Acrolein
Concen: 4.914 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 56 Resp: 743

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.4	86.2#



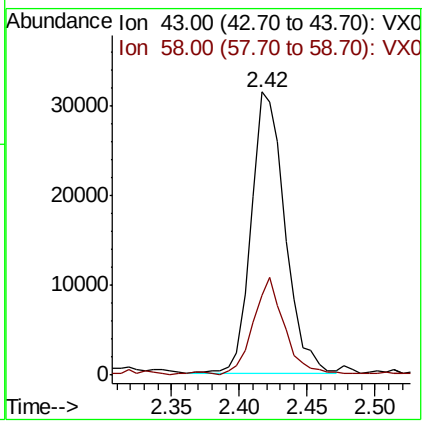


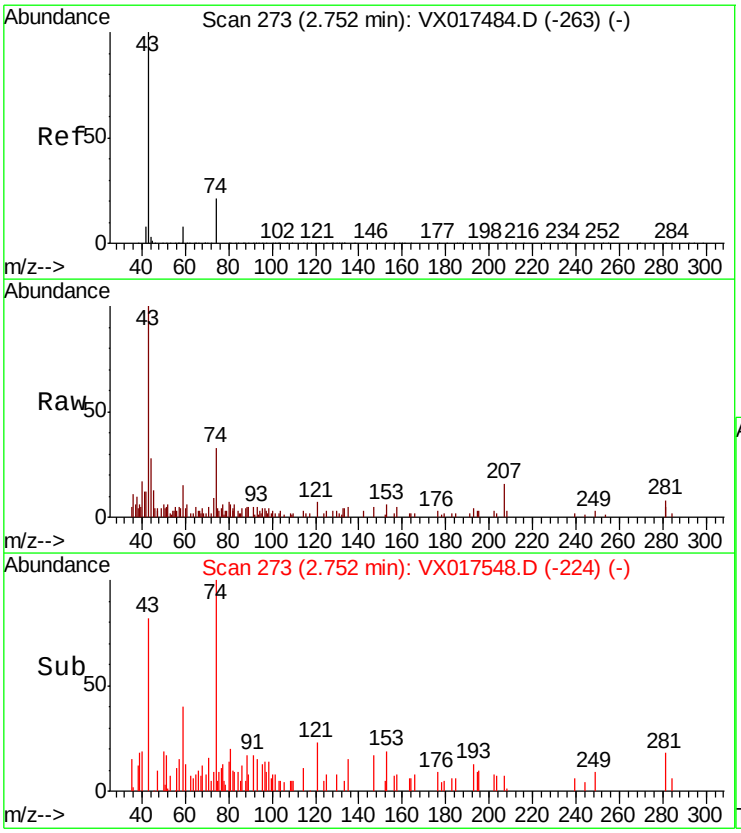
#16
Acetone
Concen: 20.908 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 43 Resp: 54560

Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.2	36.4

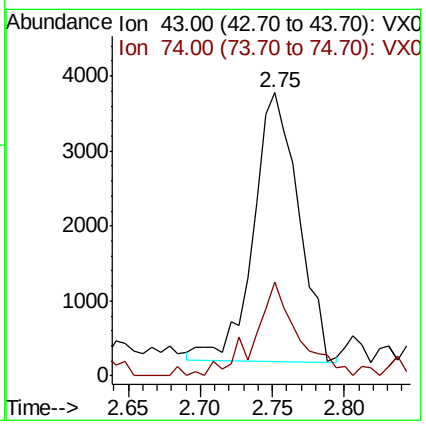


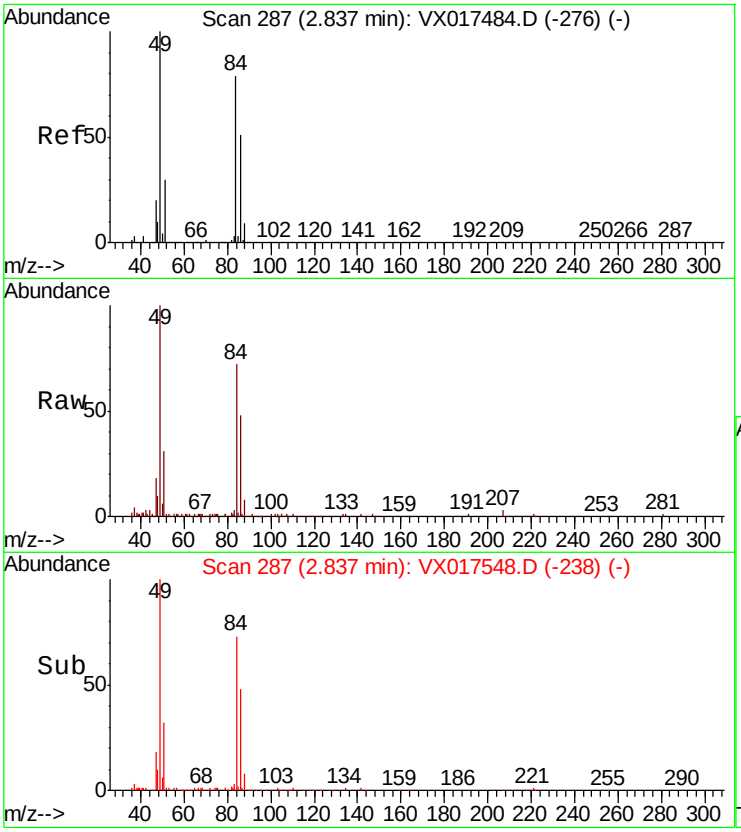


#18
Methyl Acetate
Concen: 1.261 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 43 Resp: 7751

Ion	Ratio	Lower	Upper
43	100		
74	33.8	17.5	26.3#



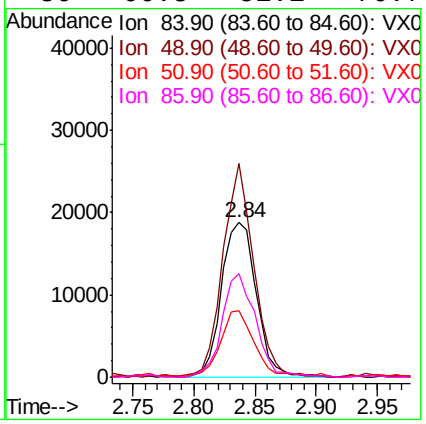


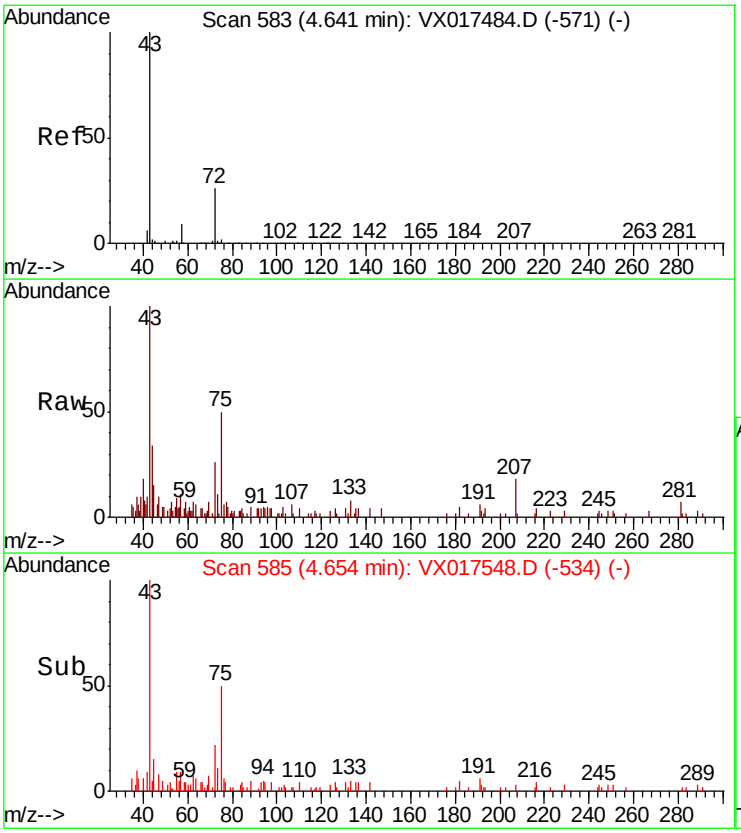
#20
Methylene Chloride
Concen: 6.435 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 84 Resp: 37127

Ion	Ratio	Lower	Upper
84	100		
49	137.2	100.3	150.5
51	43.3	30.5	45.7
86	66.8	51.1	76.7

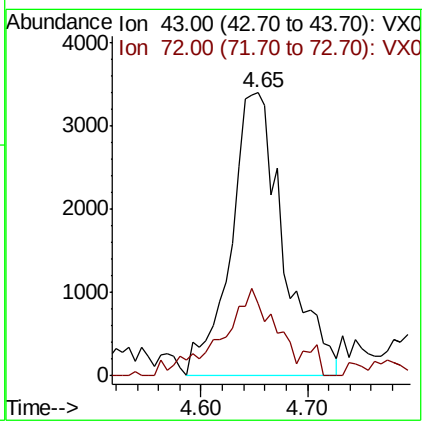


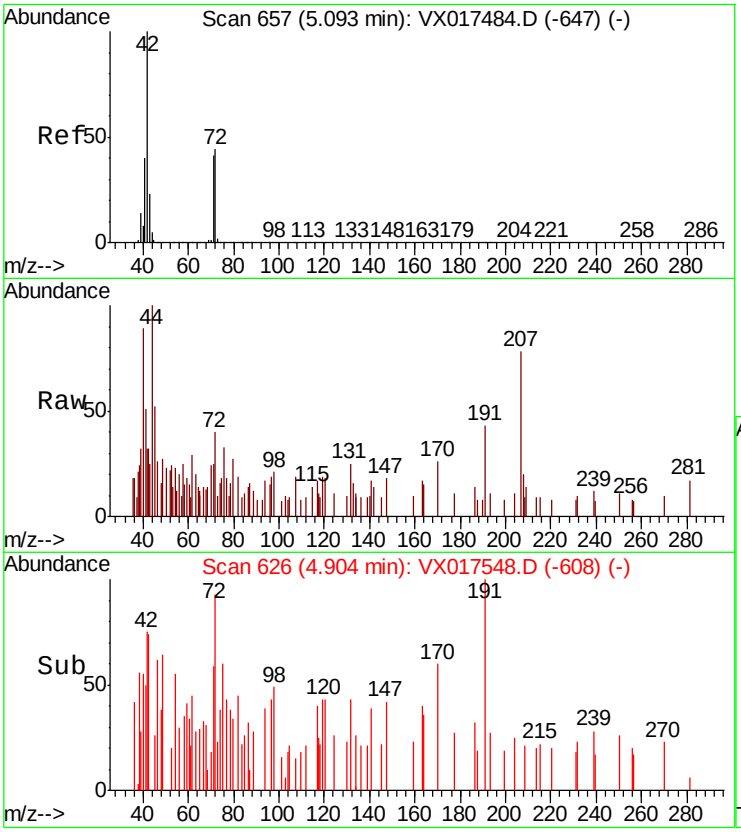


#25
2-Butanone
Concen: 3.188 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 43 Resp: 11819

Ion	Ratio	Lower	Upper
43	100		
72	25.6	19.0	28.4



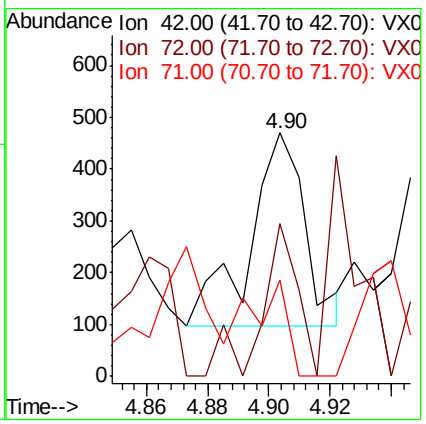


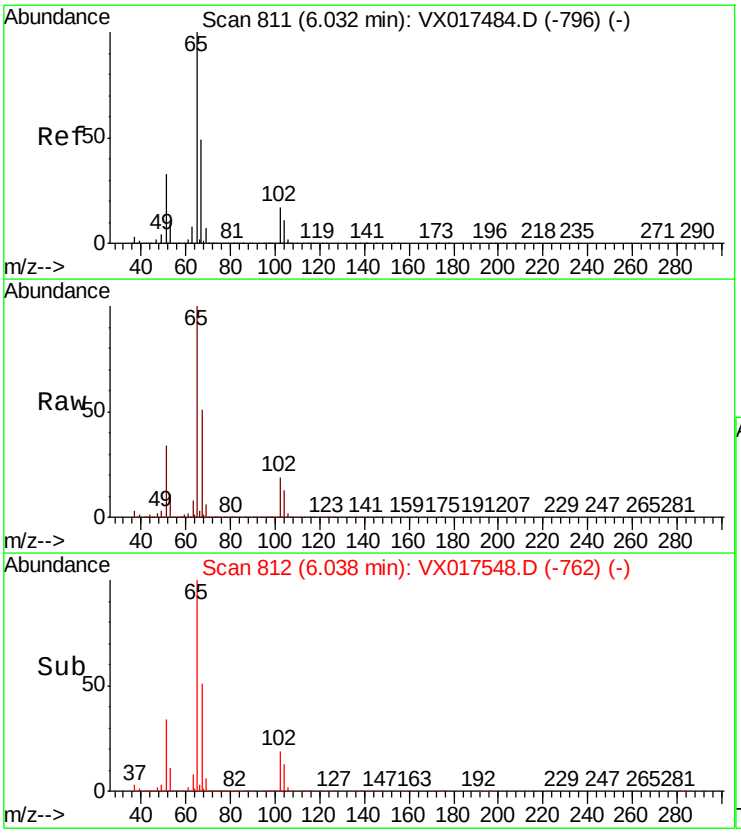
#29
Tetrahydrofuran
Concen: 0.206 ug/l
RT: 4.90 min Scan# 626
Delta R.T. -0.19 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 42 Resp: 472

Ion	Ratio	Lower	Upper
42	100		
72	51.5	35.5	53.3
71	33.7	33.0	49.4

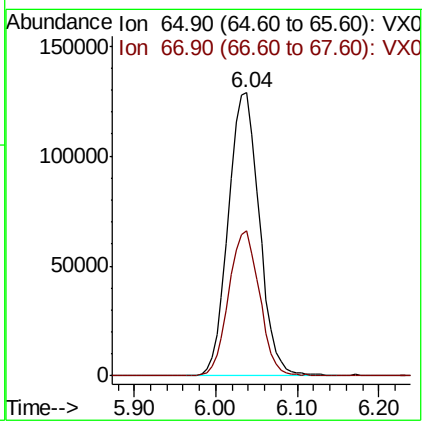


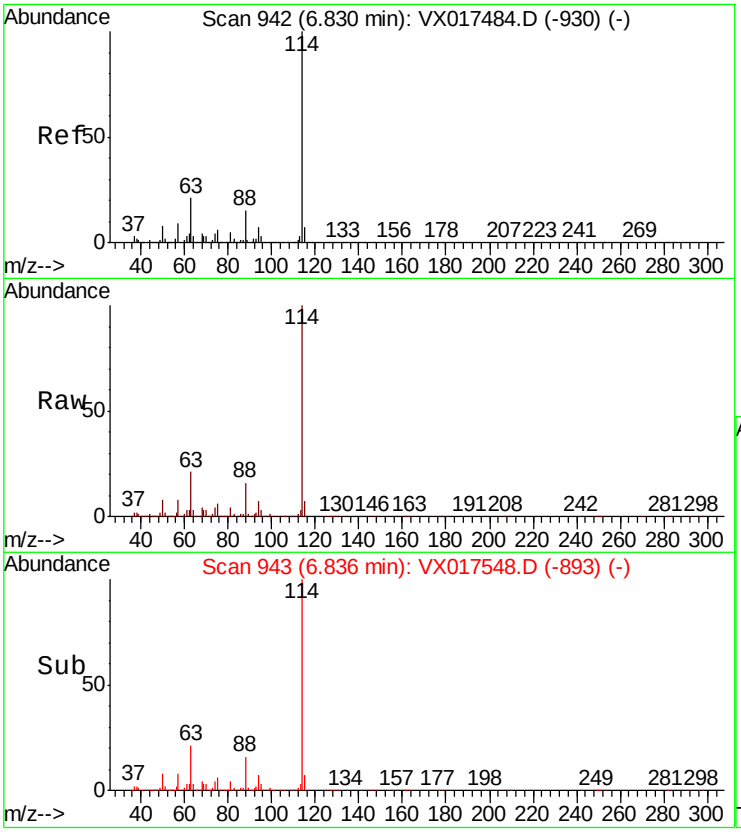


#33
1,2-Dichloroethane-d4
Concen: 57.322 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 65 Resp: 339856

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.8



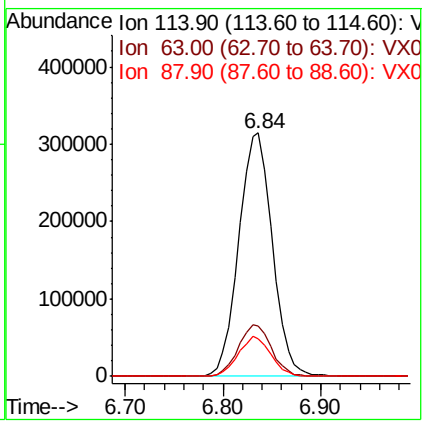


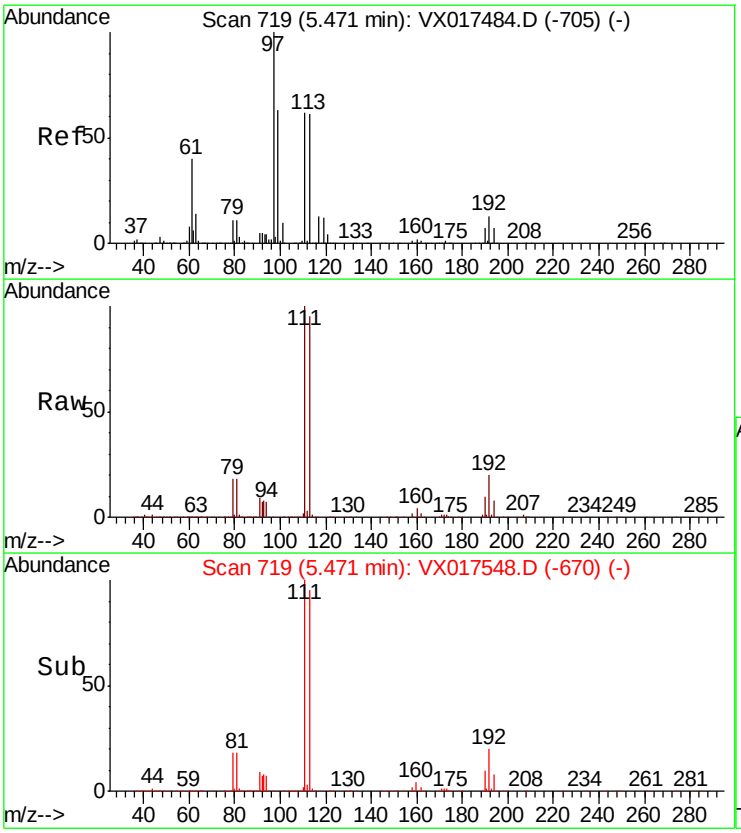
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion:114 Resp: 749022

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.6
88	15.5	0.0	33.4

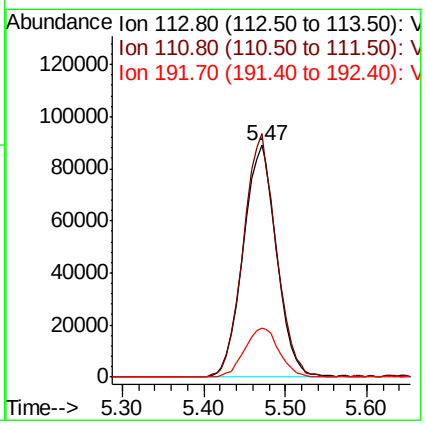


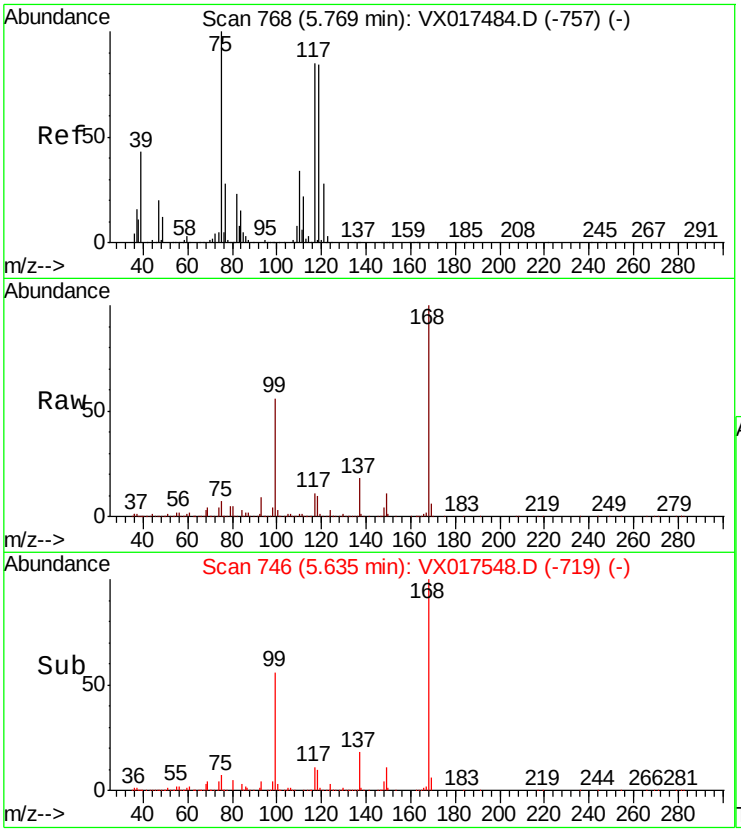


#35
Dibromofluoromethane
Concen: 50.721 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion:113 Resp: 254089

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.7	121.1
192	21.9	16.9	25.3



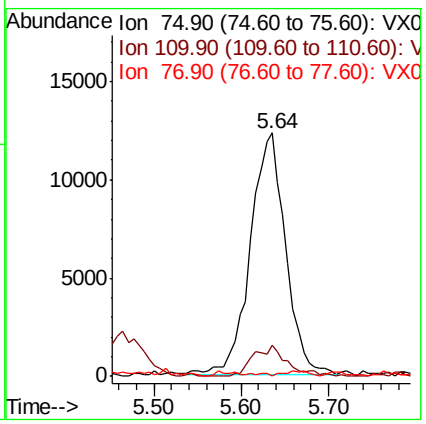


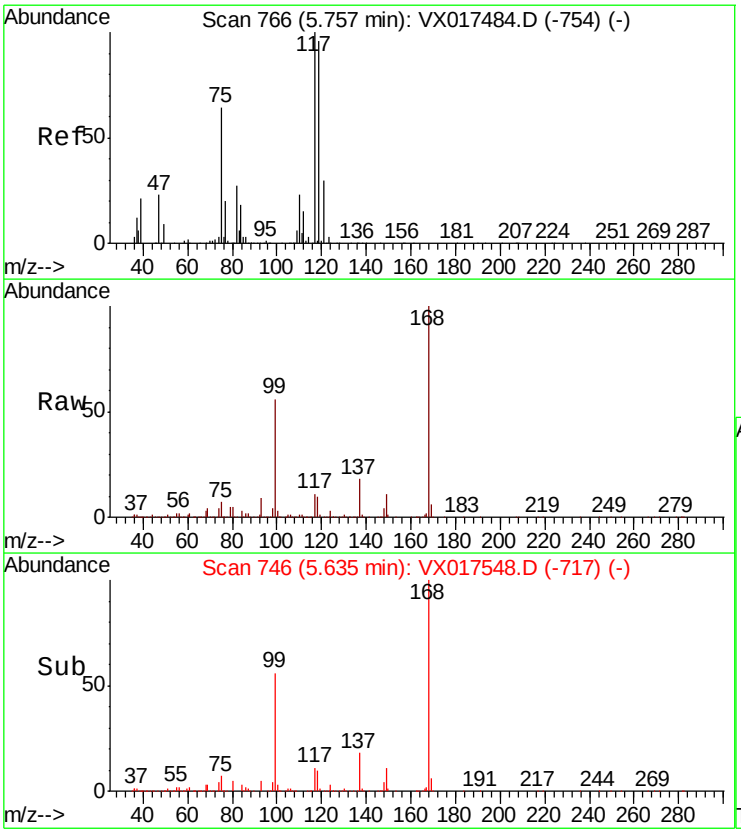
#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 75 Resp: 34324

Ion	Ratio	Lower	Upper
75	100		
110	12.6	18.1	54.3#
77	0.6	24.6	37.0#

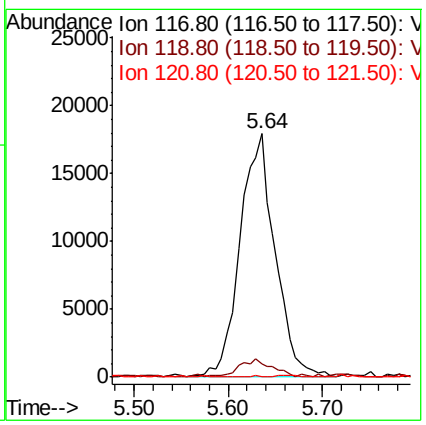


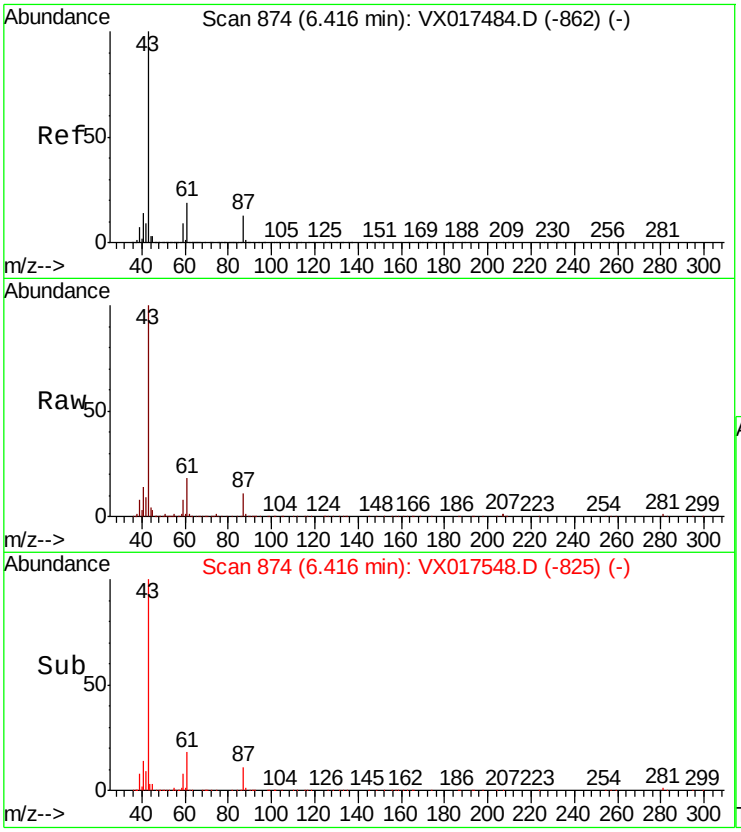


#38
Carbon Tetrachloride
Concen: 5.353 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion:117 Resp: 46700

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.4	113.0#
121	0.0	24.3	36.5#



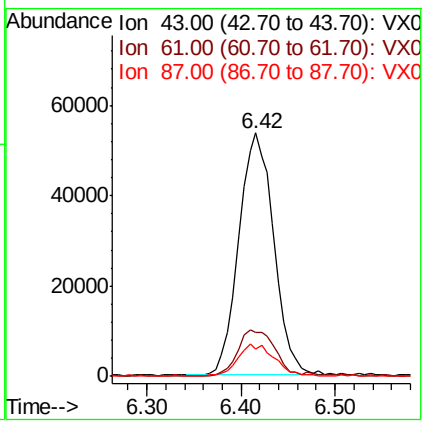


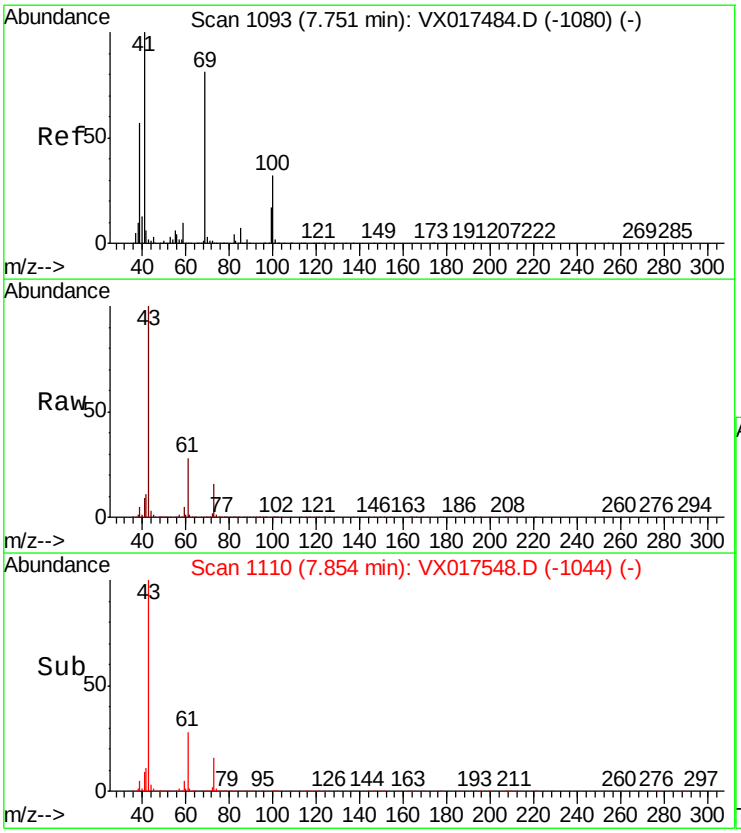
#43
Isopropyl Acetate
Concen: 10.783 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 43 Resp: 139846

Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.5	23.3
87	13.9	10.5	15.7

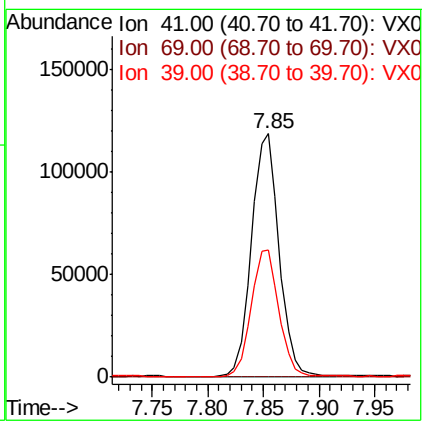


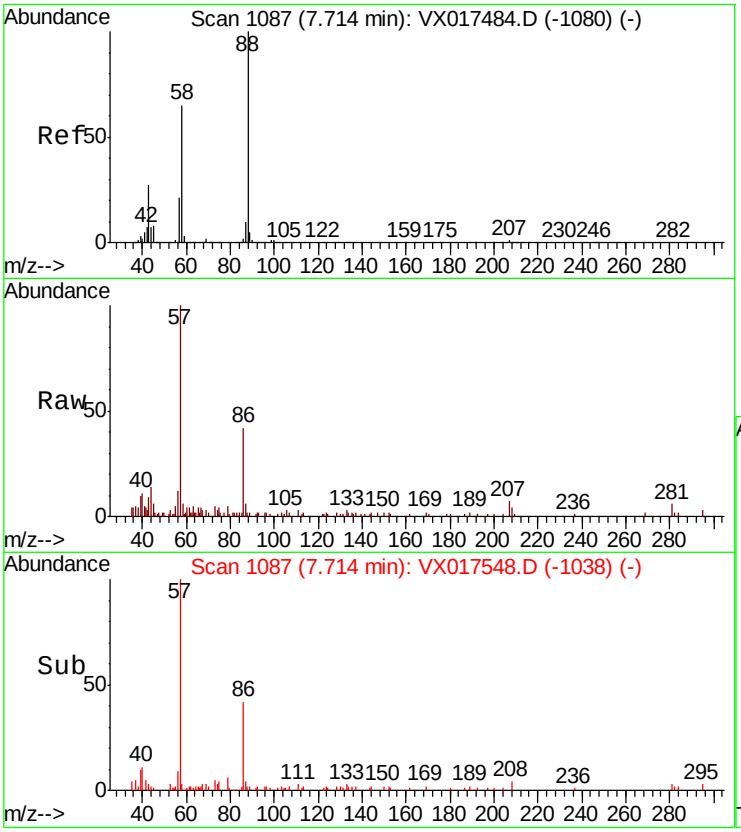


#48
Methyl methacrylate
Concen: 31.815 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.10 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 41 Resp: 204523

Ion	Ratio	Lower	Upper
41	100		
69	0.1	63.1	94.7#
39	53.0	45.1	67.7



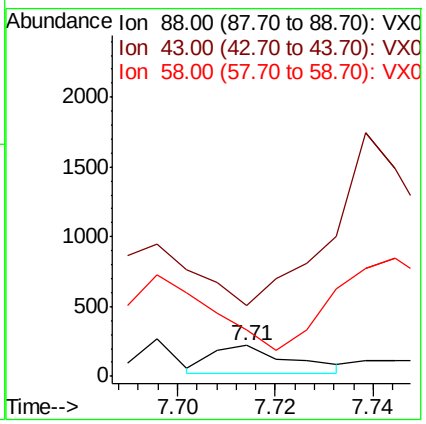


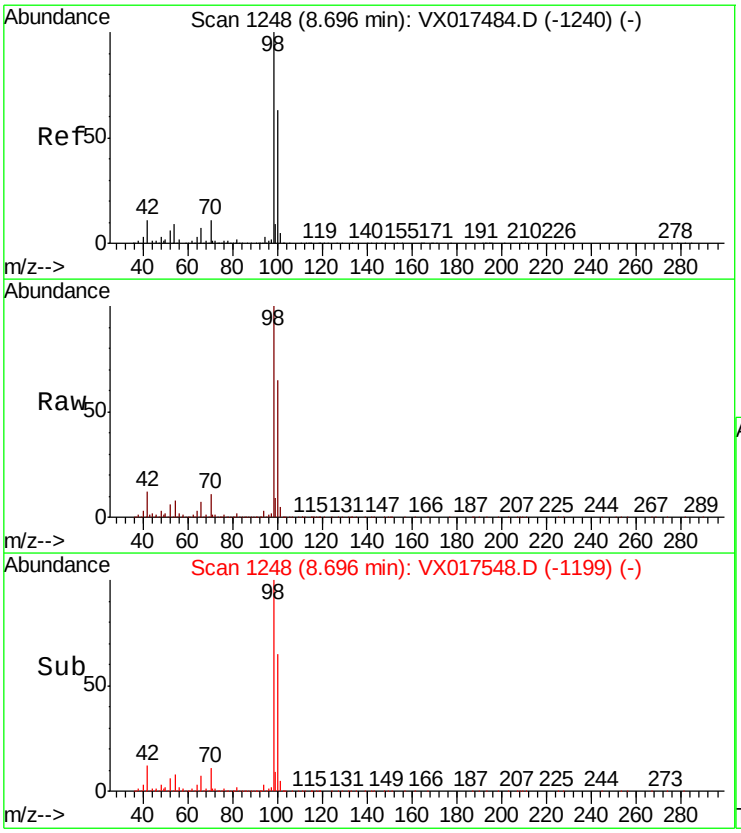
#49
1,4-Dioxane
Concen: 1.842 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 88 Resp: 227

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	0.0	58.3	87.5#

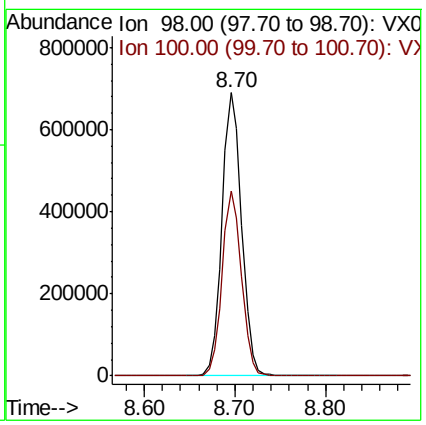


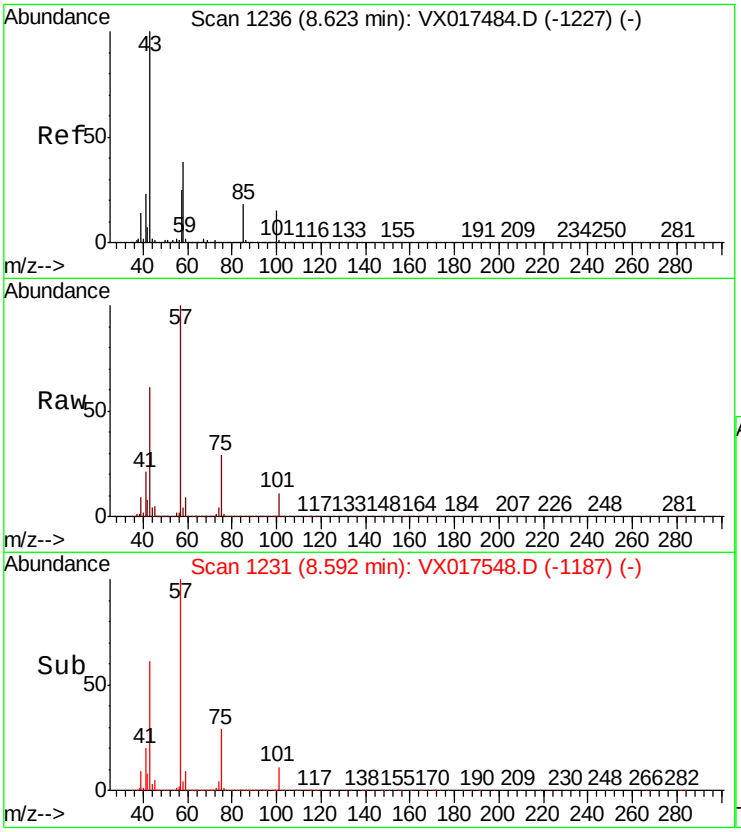


#50
Toluene-d8
Concen: 57.514 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 98 Resp: 1039370

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.3	78.5



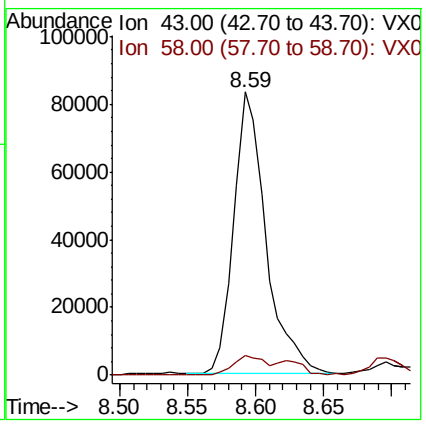


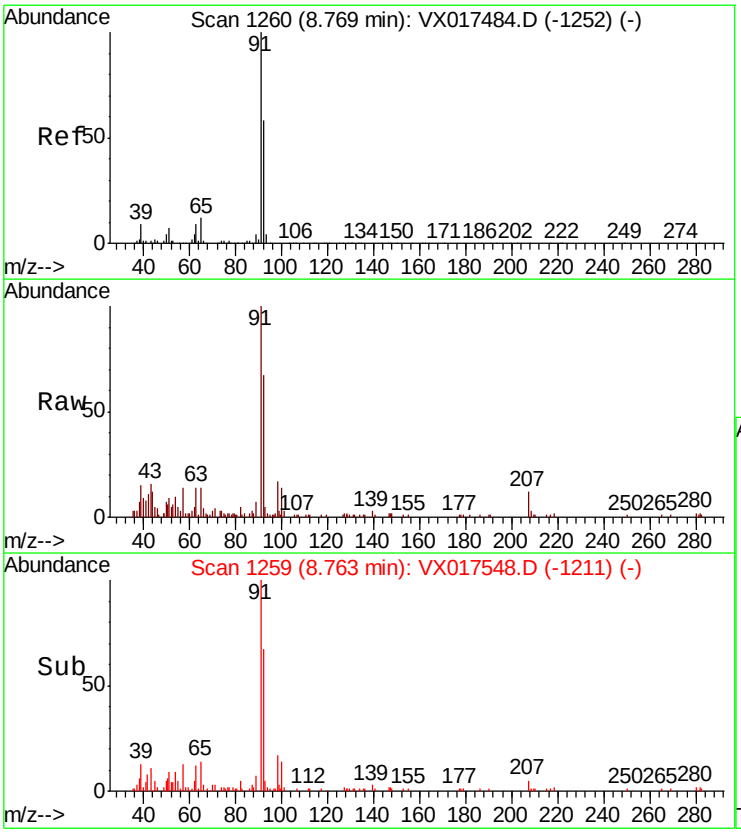
#51
4-Methyl-2-Pentanone
Concen: 17.777 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 43 Resp: 137556

Ion	Ratio	Lower	Upper
43	100		
58	6.7	31.0	46.4#

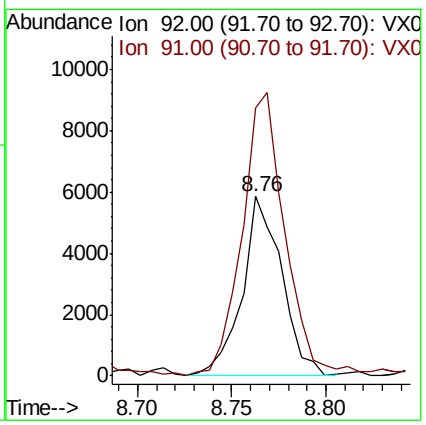


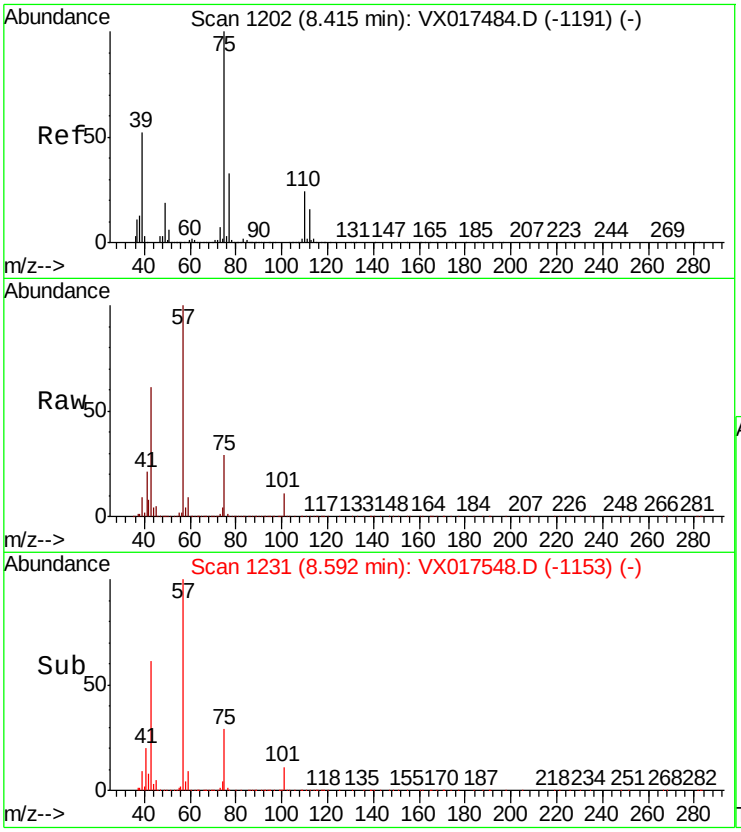


#52
Toluene
Concen: 0.646 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 92 Resp: 8530

Ion	Ratio	Lower	Upper
92	100		
91	171.9	137.6	206.4



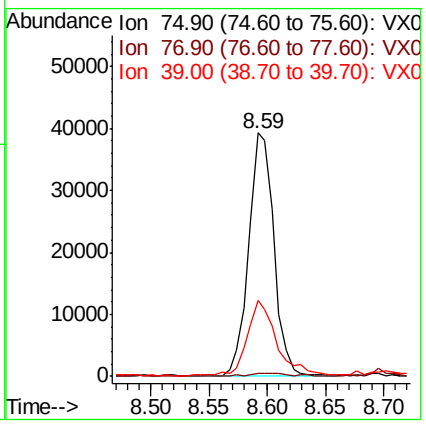


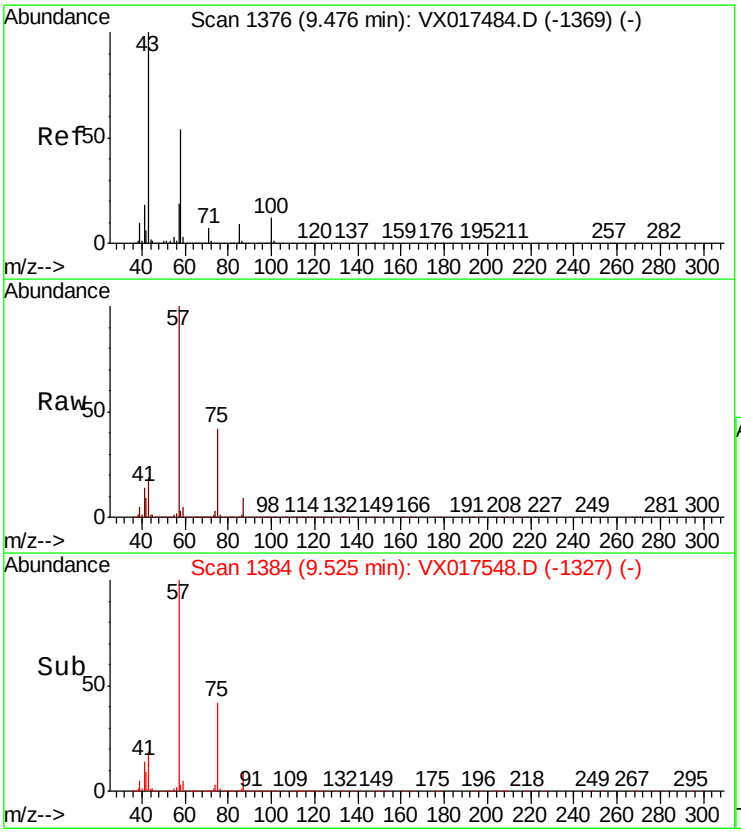
#54
cis-1,3-Dichloropropene
Concen: 6.374 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 75 Resp: 59091

Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.5	38.3#
39	31.0	41.8	62.8#

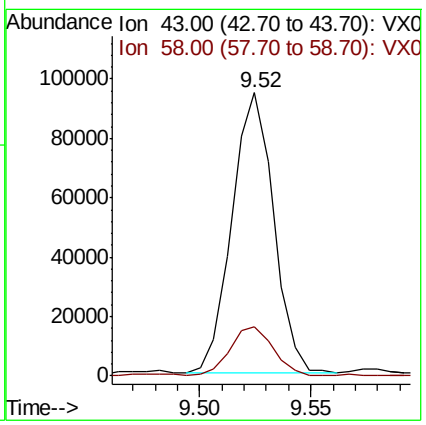


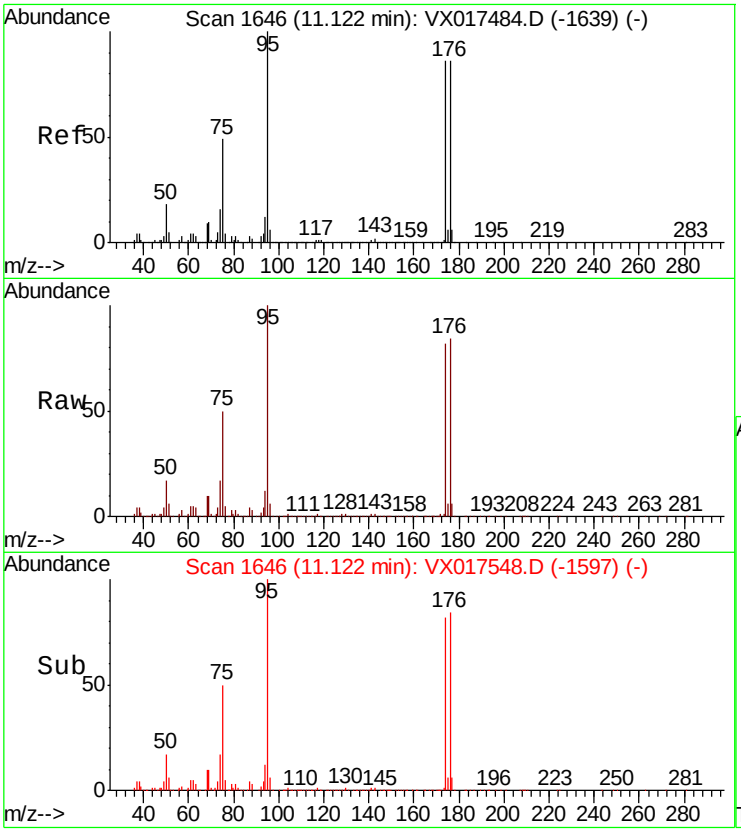


#59
2-Hexanone
Concen: 21.111 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 43 Resp: 122990

Ion	Ratio	Lower	Upper
43	100		
58	17.9	26.6	79.8#



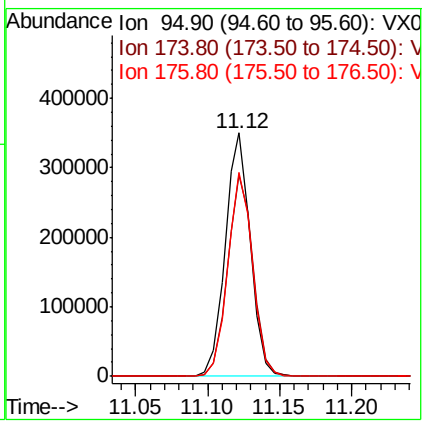


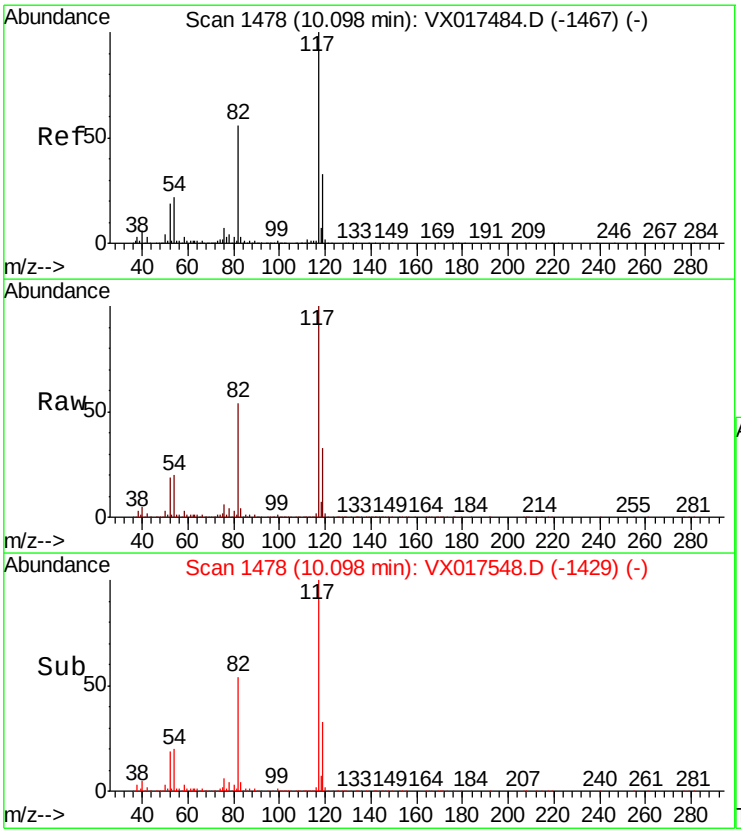
#62
4-Bromofluorobenzene
Concen: 59.258 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 95 Resp: 428574

Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	169.0
176	82.6	0.0	161.0

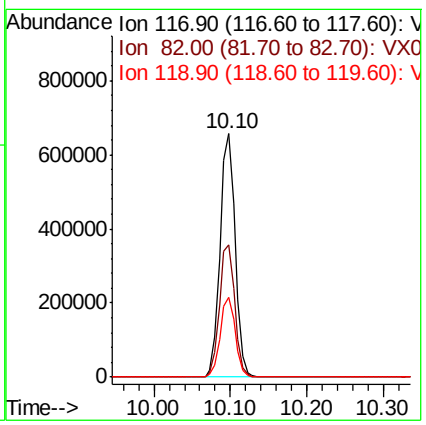


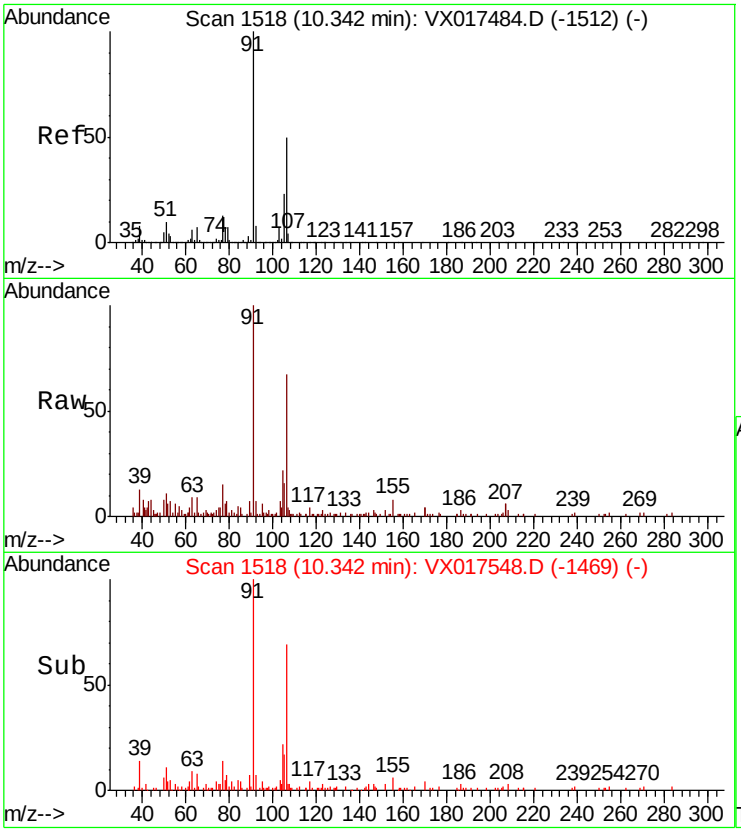


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion:117 Resp: 897878

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.0	66.0
119	32.5	25.4	38.0



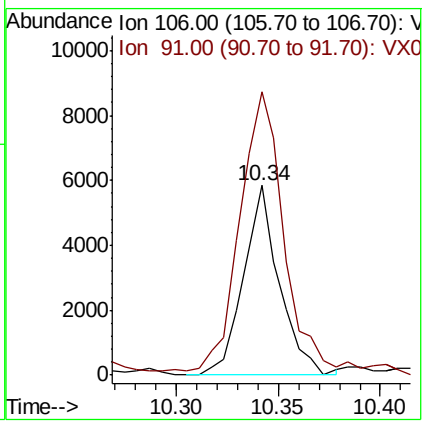


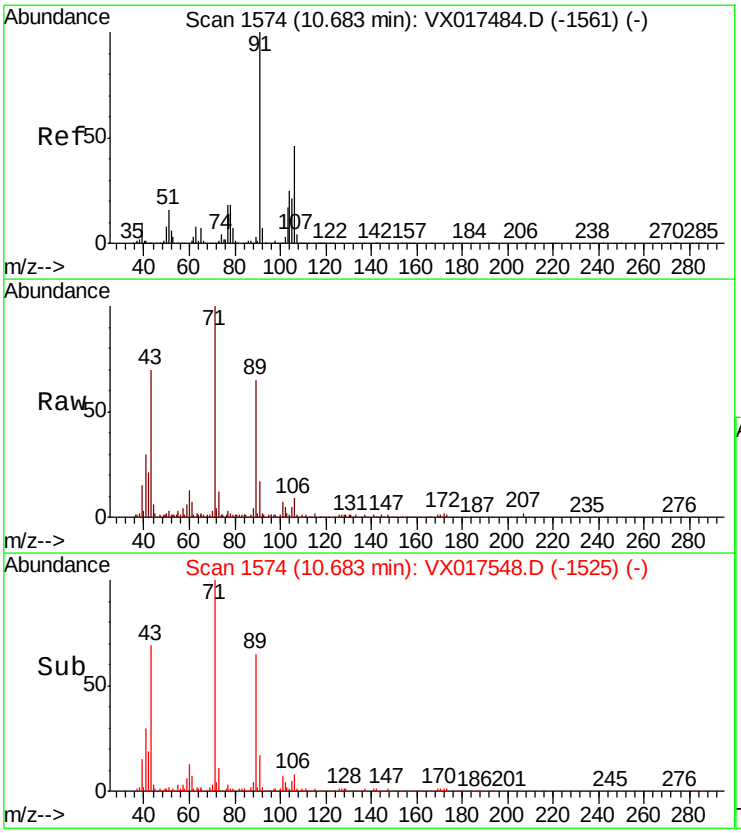
#68
m/p-Xylenes
Concen: 0.567 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion:106 Resp: 7128

Ion	Ratio	Lower	Upper
106	100		
91	191.5	160.9	241.3

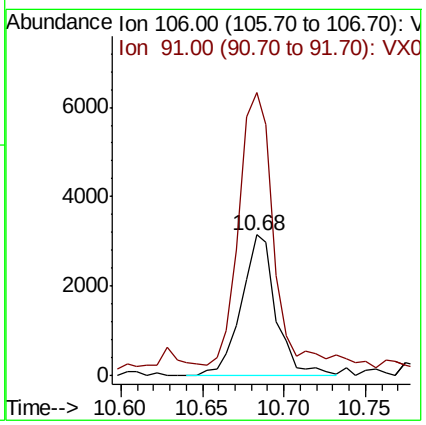


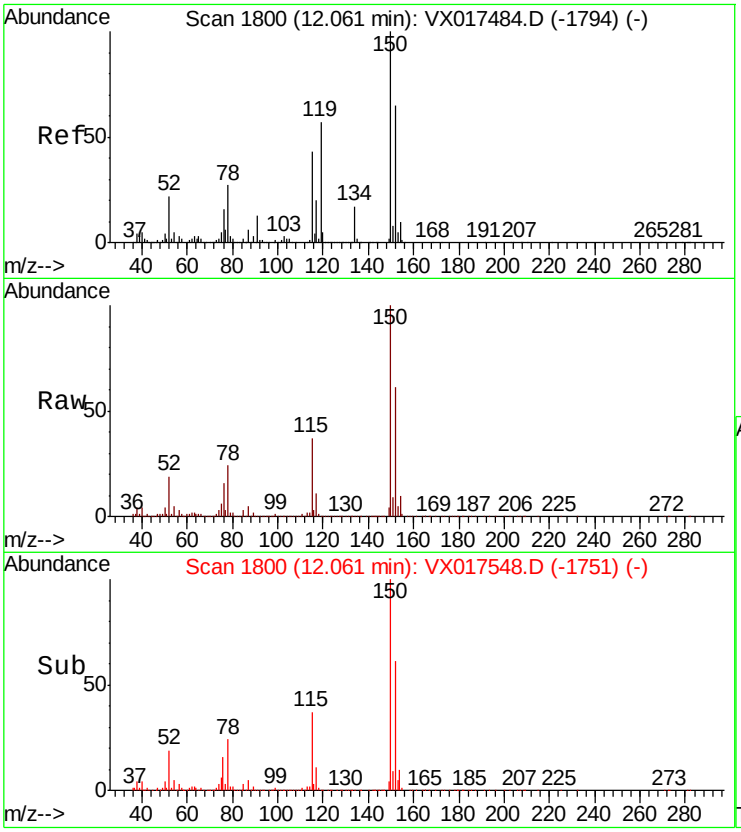


#69
o-Xylene
Concen: 0.389 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion:106 Resp: 4699

Ion	Ratio	Lower	Upper
106	100		
91	201.0	108.2	324.6



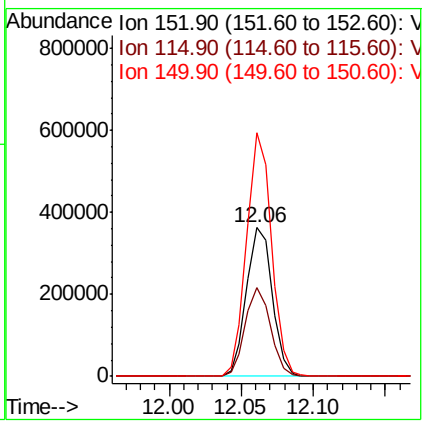


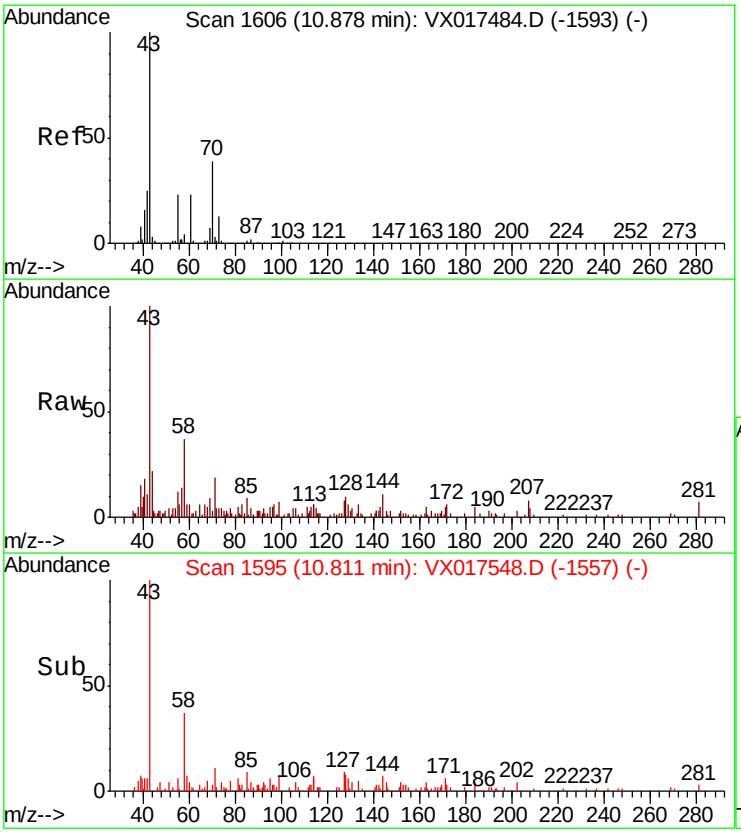
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument : MSVOA_X
ClientSampleId : 347-GRID-B1-B2

Tgt Ion:152 Resp: 449180

Ion	Ratio	Lower	Upper
152	100		
115	58.1	65.5	196.6#
150	157.4	0.0	412.6

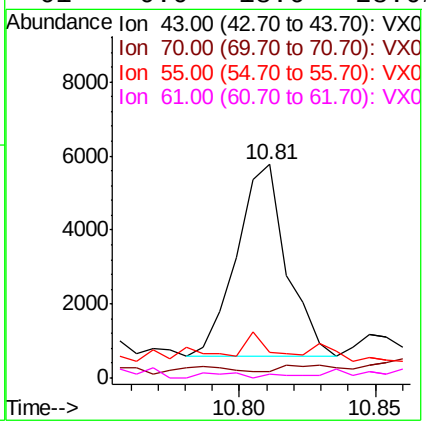


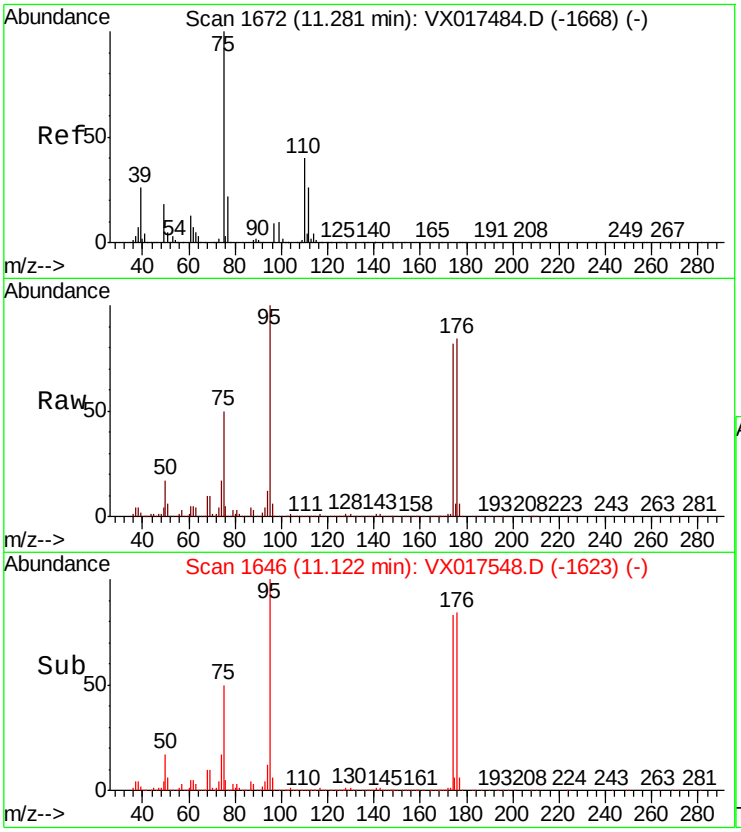


#74
N-amyl acetate
Concen: 0.486 ug/l
RT: 10.81 min Scan# 1595
Delta R.T. -0.07 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 43 Resp: 6651

Ion	Ratio	Lower	Upper
43	100		
70	3.7	32.3	48.5#
55	6.5	18.4	27.6#
61	0.0	18.6	28.0#



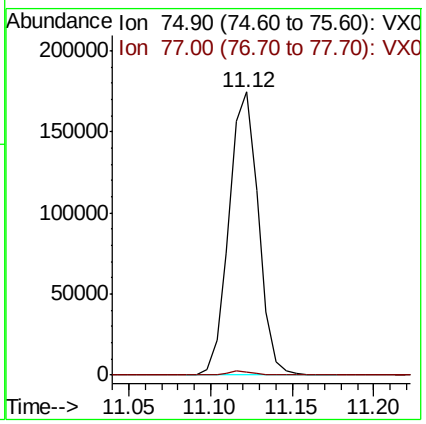


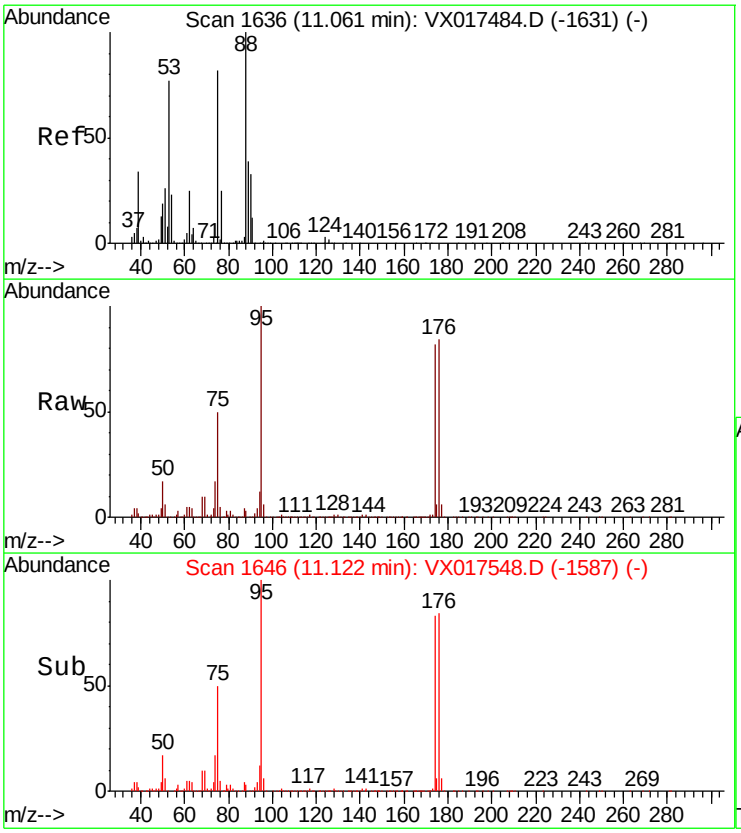
#76
1,2,3-Trichloropropane
Concen: 23.706 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion: 75 Resp: 219038

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.8	65.3#

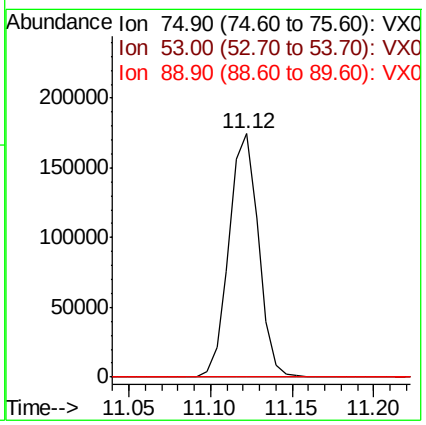


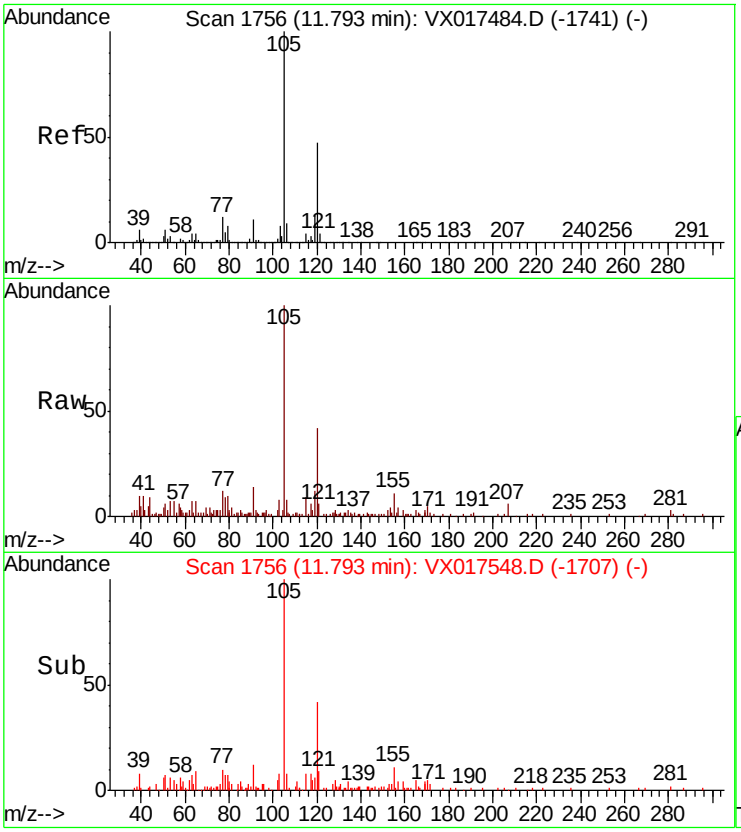


#81
trans-1,4-Dichloro-2-butene
Concen: 59.733 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 75 Resp: 219038

Ion	Ratio	Lower	Upper
75	100		
53	0.3	75.9	113.9#
89	0.1	37.8	56.6#



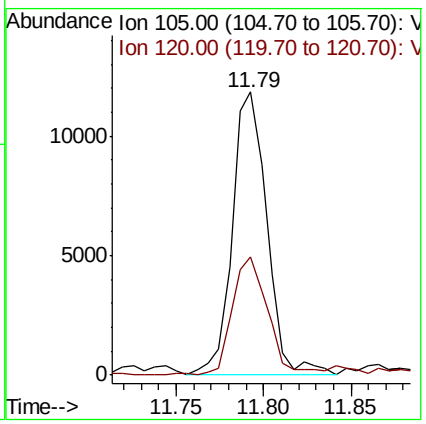


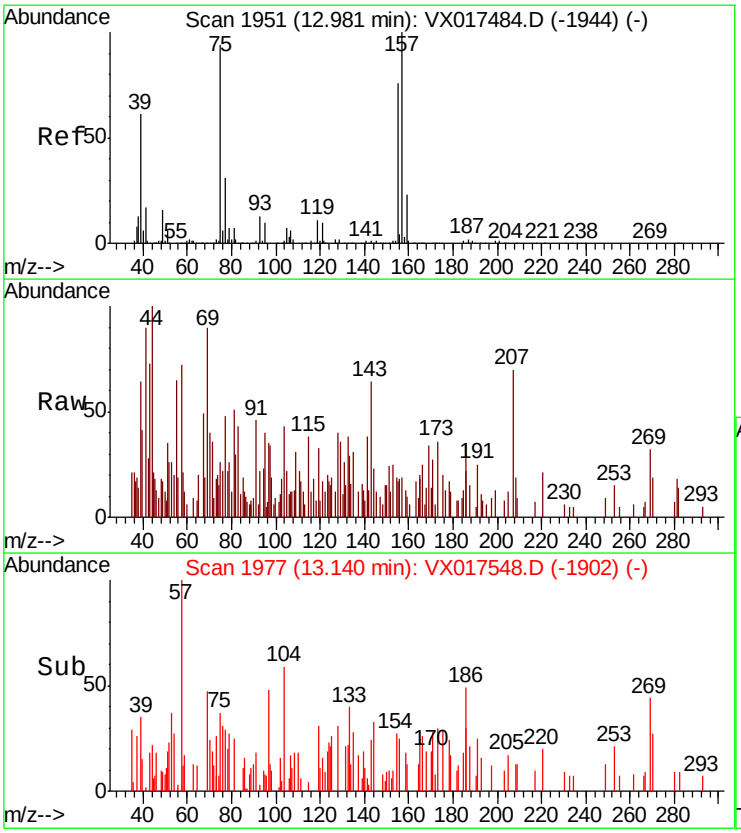
#84
1,2,4-Trimethylbenzene
Concen: 0.624 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion:105 Resp: 16324

Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.7	68.0

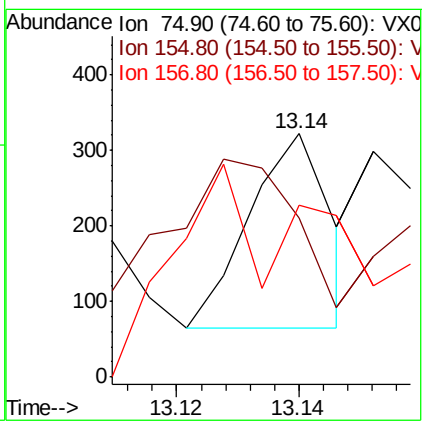


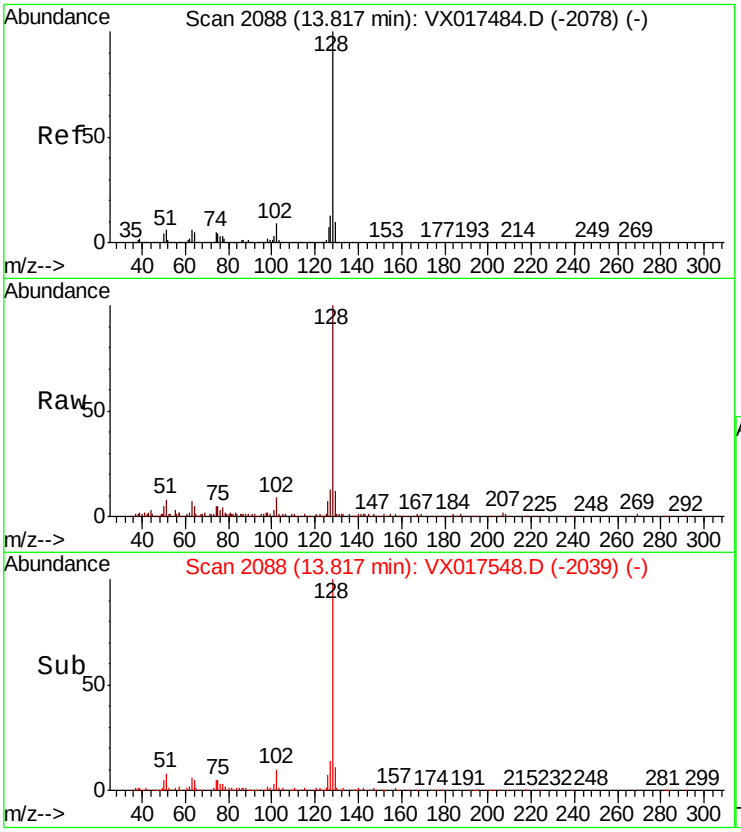


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.660 ug/l
RT: 13.14 min Scan# 1977
Delta R.T. 0.16 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Tgt Ion: 75 Resp: 238

Ion	Ratio	Lower	Upper
75	100		
155	108.0	42.3	126.8
157	108.8	54.3	162.9





#95
Naphthalene
Concen: 2.248 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017548.D
Acq: 24 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
347-GRID-B1-B2

Tgt Ion:128 Resp: 66683

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.6	8.9	13.3