Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
Data File : VX017488.D
Acq On : 23 Jul 2020 13:29
Operator : JC/SP
Sample : VX0723WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0723WBL01

Quant Time: Jul 24 05:54:37 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	5.63	168	559644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	851583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	878668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	447086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	344297	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.78%			
35) Dibromofluoromethane	5.46	113	298132	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.70%			
50) Toluene-d8	8.70	98	1109338	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.98%			
62) 4-Bromofluorobenzene	11.12	95	447597	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	986	Below Cal		97
3) Chloromethane	1.31	50	2558	0.734	ug/l #	81
5) Bromomethane	1.64	94	4171	Below Cal		81
6) Chloroethane	1.68	64	838	Below Cal	#	62
8) Diethyl Ether	2.17	74	404	Below Cal		90
10) Methyl Iodide	2.50	142	5537	0.712	ug/l #	86
11) Tert butyl alcohol	3.01	59	1271	0.839	ug/l #	26
13) Acrolein	2.28	56	1472	5.400	ug/l #	1
15) Acrylonitrile	3.12	53	2286	0.699	ug/l #	88
16) Acetone	2.42	43	3432	1.085	ug/l	90
17) Carbon Disulfide	2.55	76	10114	0.576	ug/l	98
20) Methylene Chloride	2.84	84	3669	Below Cal	#	68
21) trans-1,2-Dichloroethene	3.14	96	1995	0.322	ug/l #	40
25) 2-Butanone	4.64	43	2158	0.480	ug/l #	81
27) cis-1,2-Dichloroethene	4.57	96	1559	0.232	ug/l	26
29) Tetrahydrofuran	4.98	42	588	0.211	ug/l	90
38) Carbon Tetrachloride	5.62	117	54755	5.521	ug/l #	17
49) 1,4-Dioxane	7.73	88	190	1.356	ug/l #	1
53) t-1,3-Dichloropropene	9.02	75	2161	0.209	ug/l #	72
68) m/p-Xylenes	10.35	106	2931	0.238	ug/l	86
76) 1,2,3-Trichloropropane	11.12	75	225999	24.574	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.12	75	225999	61.920	ug/l #	11
88) 1,4-Dichlorobenzene	12.08	146	3782	0.248	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	662	2.809	ug/l #	27
93) 1,2,4-Trichlorobenzene	13.63	180	4029	0.407	ug/l	95
94) Hexachlorobutadiene	13.76	225	2102	0.462	ug/l	88
95) Naphthalene	13.82	128	8825	0.299	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.01	180	3435	0.352	ug/l #	86

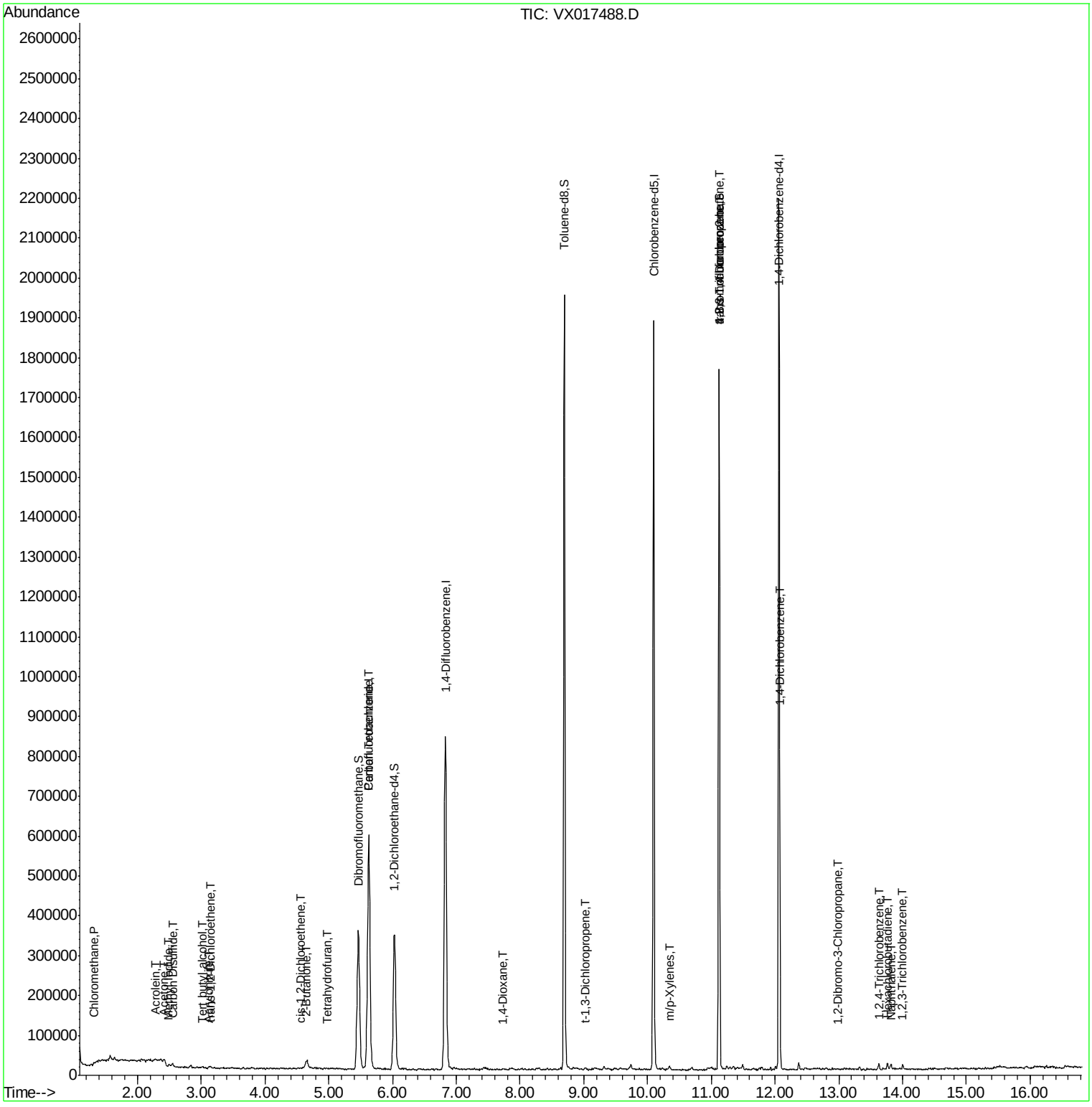
(#) = qualifier out of range (m) = manual integration (+) = signals summed

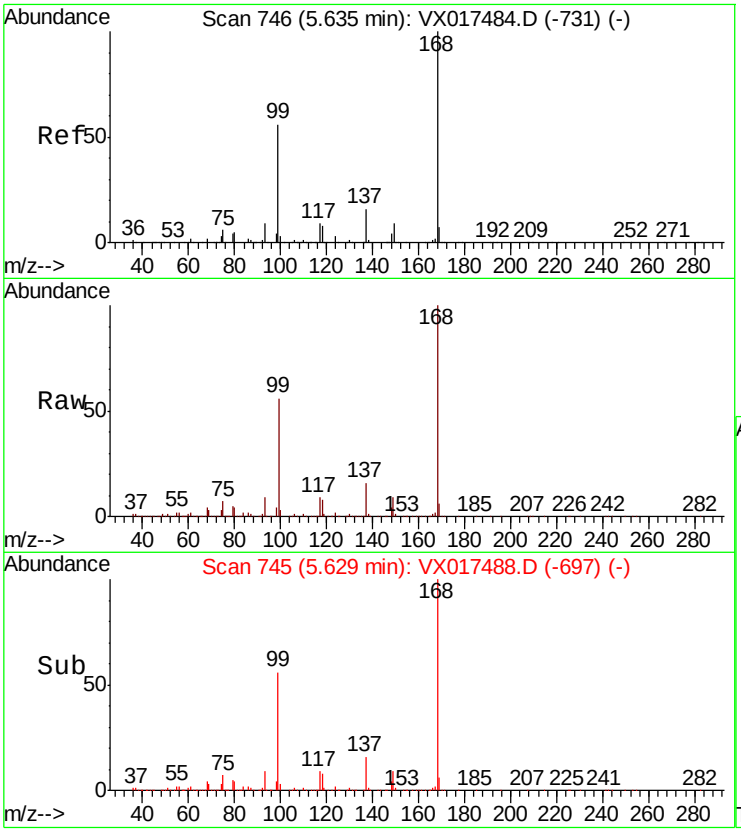
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
Data File : VX017488.D
Acq On : 23 Jul 2020 13:29
Operator : JC/SP
Sample : VX0723WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Quant Time: Jul 24 05:54:37 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



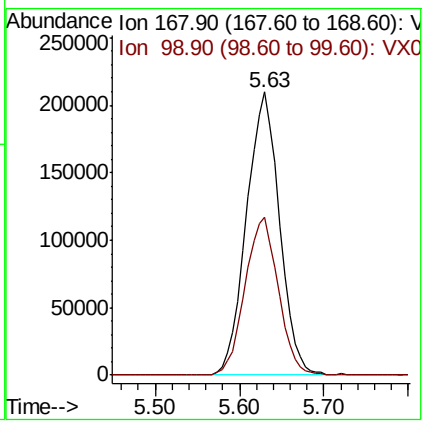


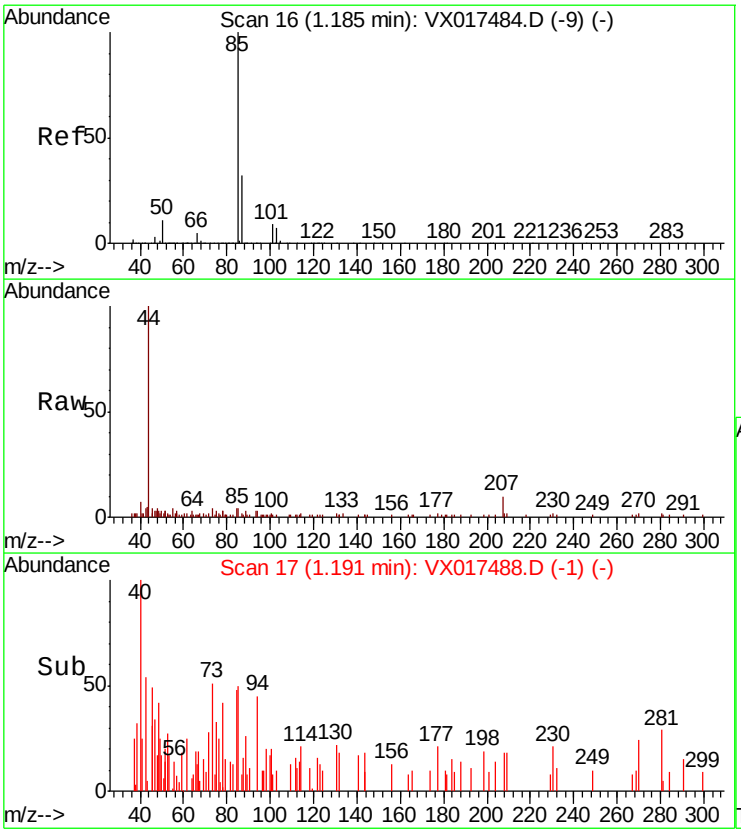
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:168 Resp: 559644

Ion	Ratio	Lower	Upper
168	100		
99	55.6	43.4	65.2

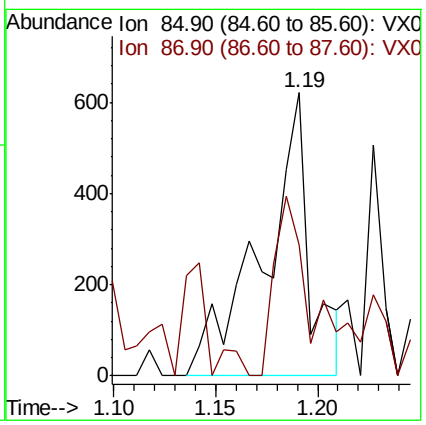


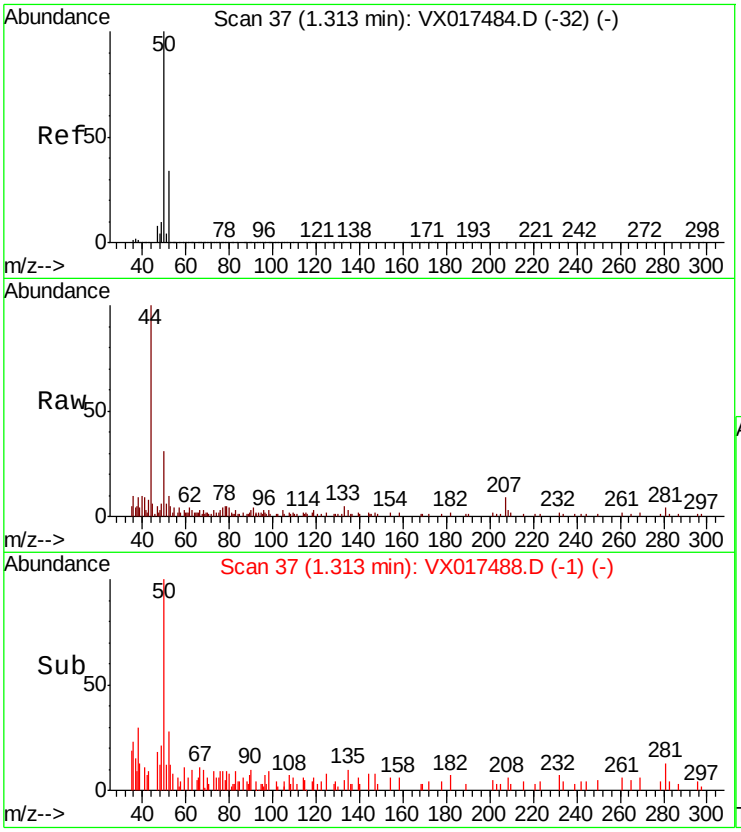


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.19 min Scan# 17
Delta R.T. 0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 85 Resp: 986

Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.1	48.3



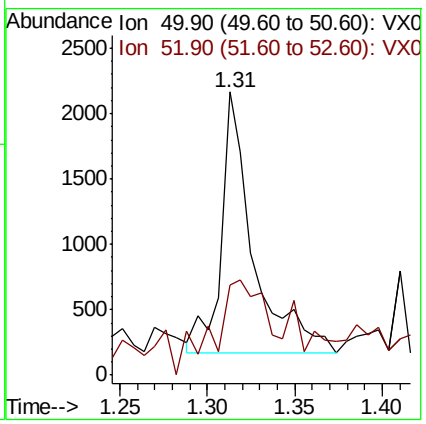


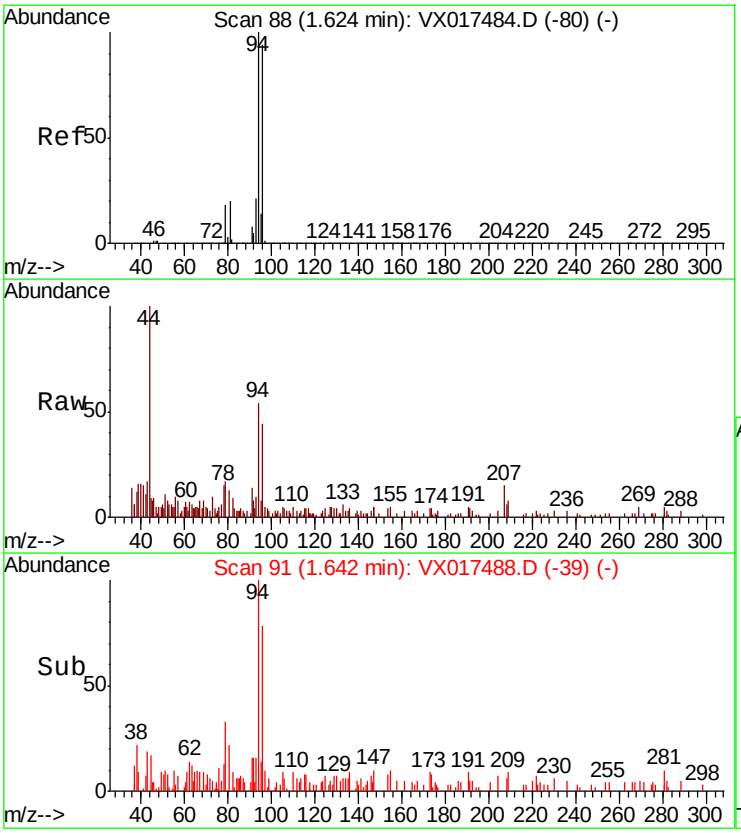
#3
Chloromethane
Concen: 0.734 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion: 50 Resp: 2558

Ion	Ratio	Lower	Upper
50	100		
52	21.9	25.9	38.9#

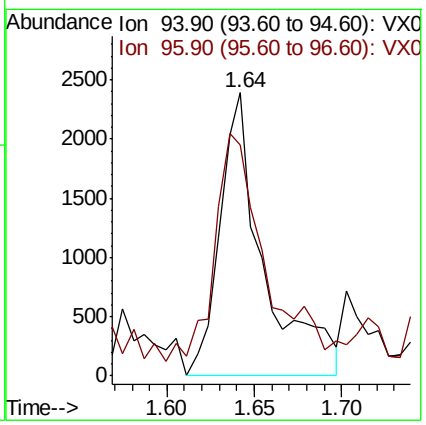


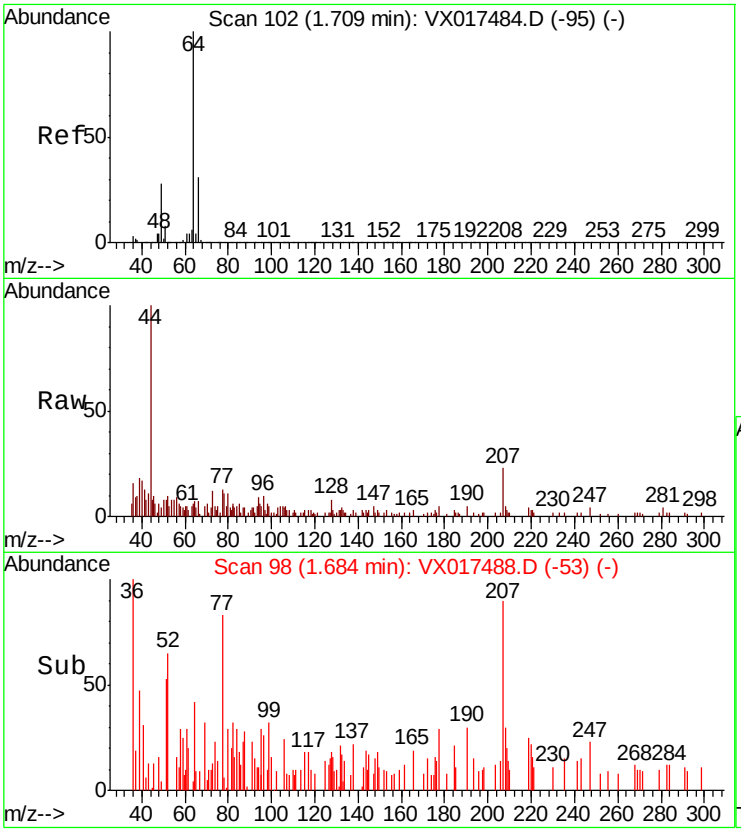


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 94 Resp: 4171

Ion	Ratio	Lower	Upper
94	100		
96	74.7	74.1	111.1



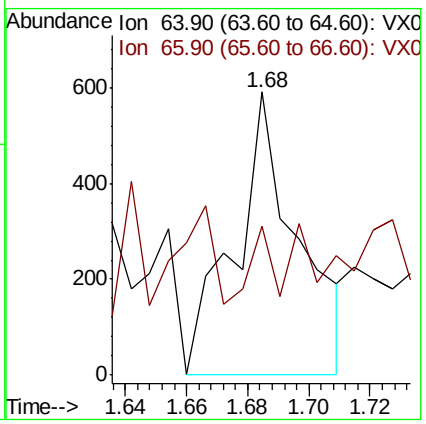


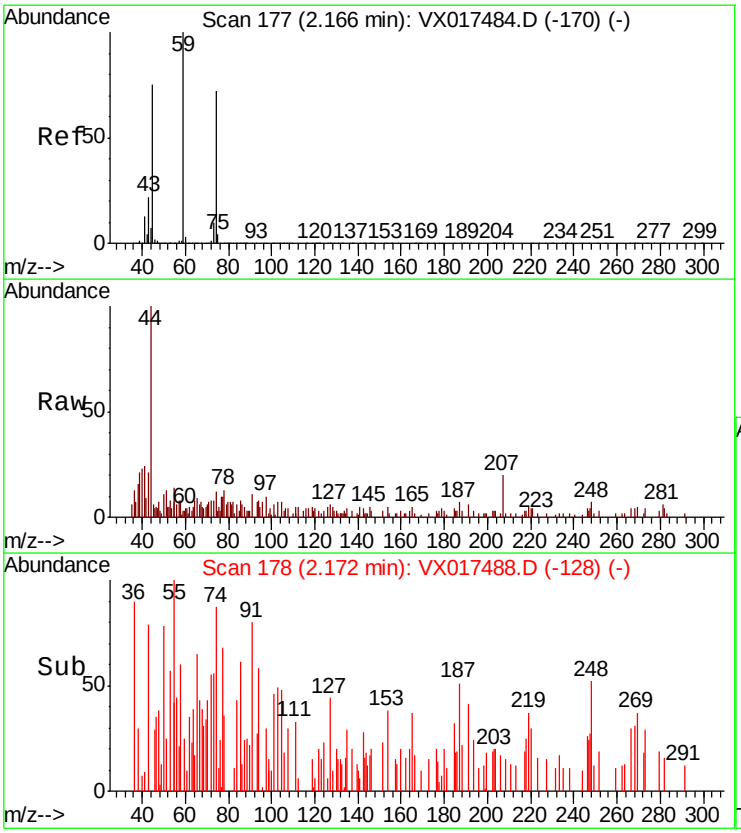
#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 98
Delta R.T. -0.02 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion: 64 Resp: 838

Ion	Ratio	Lower	Upper
64	100		
66	10.3	24.9	37.3#

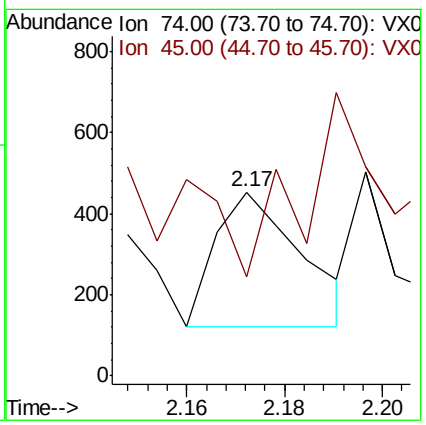


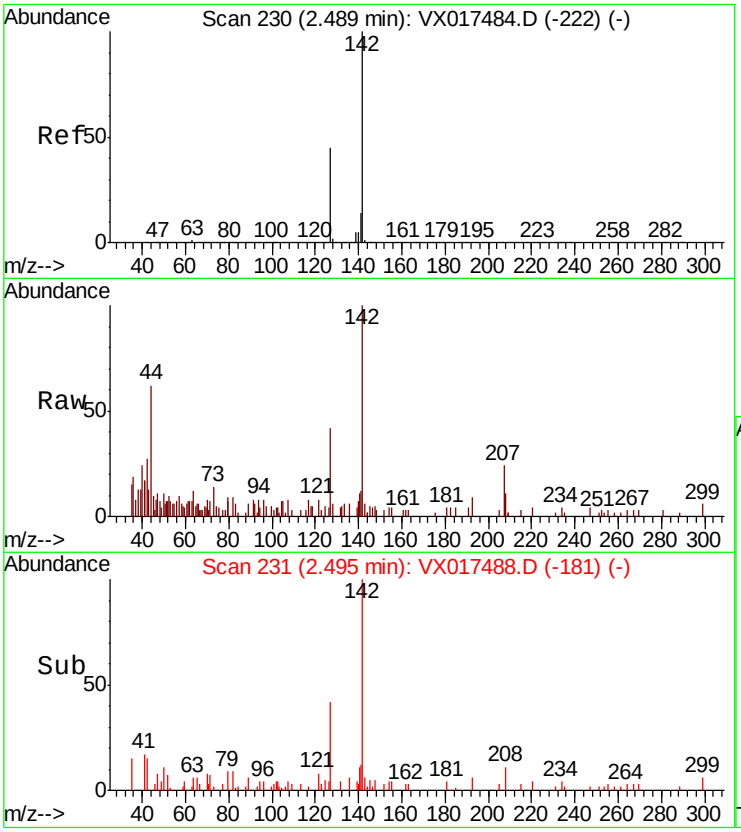


#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 74 Resp: 404

Ion	Ratio	Lower	Upper
74	100		
45	111.9	50.8	152.5



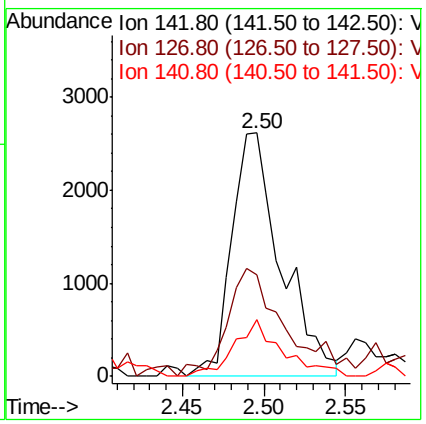


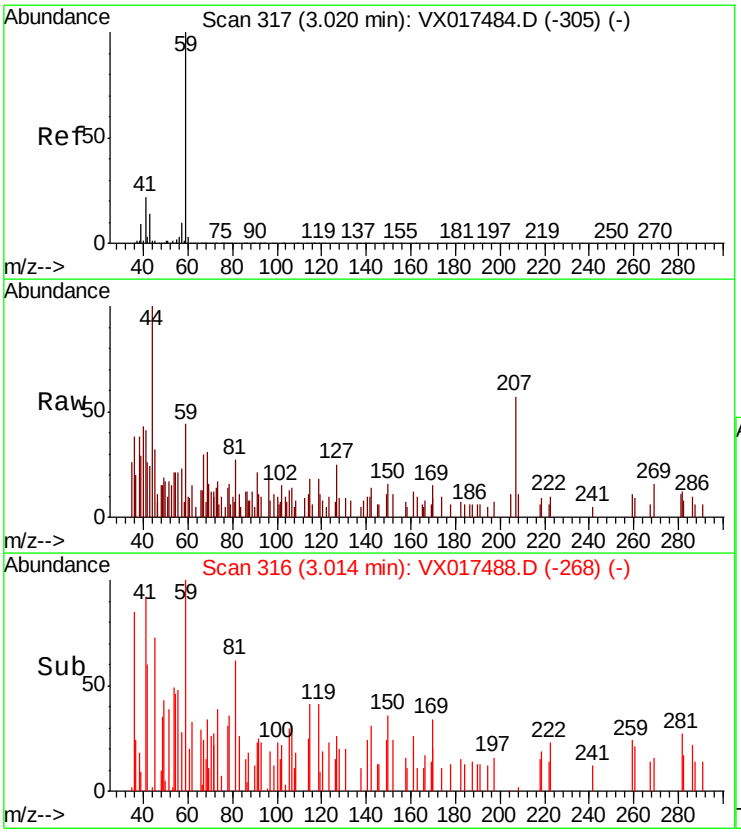
#10
Methyl Iodide
Concen: 0.712 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument : MSVOA_X
ClientSampleId : VX0723WBL01

Tgt Ion:142 Resp: 5537

Ion	Ratio	Lower	Upper
142	100		
127	52.5	35.9	53.9
141	22.6	11.4	17.0#

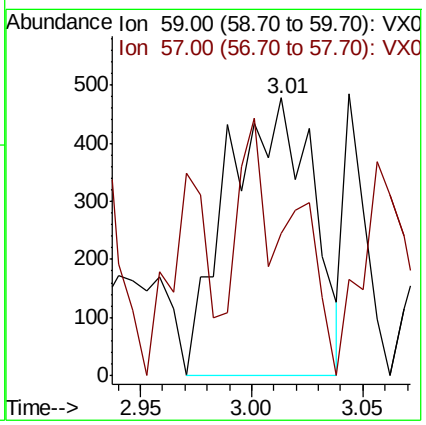


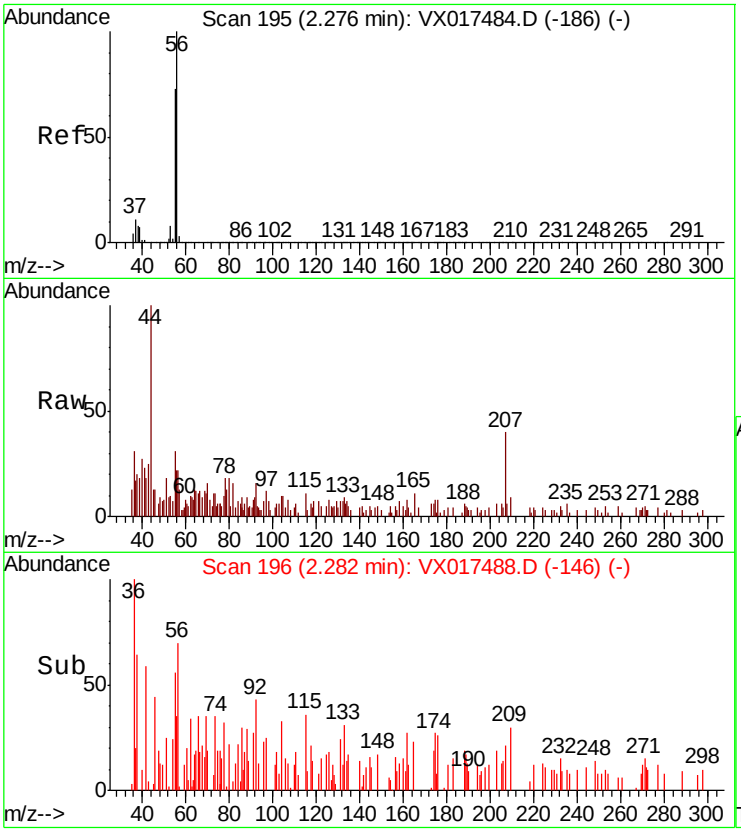


#11
Tert butyl alcohol
Concen: 0.839 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 59 Resp: 1271

Ion	Ratio	Lower	Upper
59	100		
57	38.7	8.6	12.8#



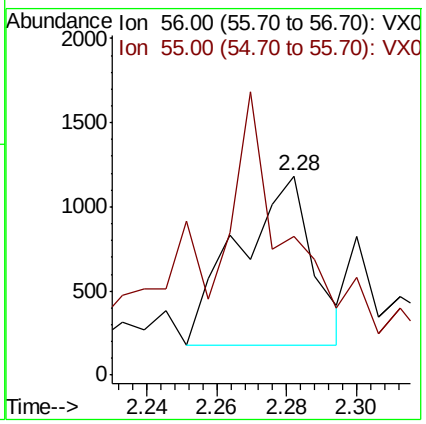


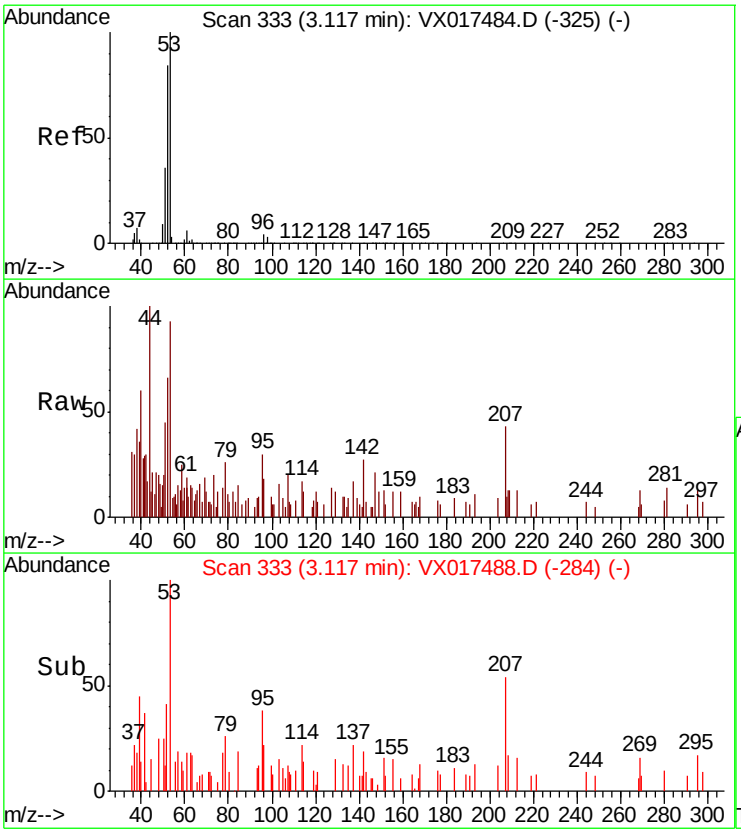
#13
Acrolein
Concen: 5.400 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion: 56 Resp: 1472

Ion	Ratio	Lower	Upper
56	100		
55	154.0	57.4	86.2#

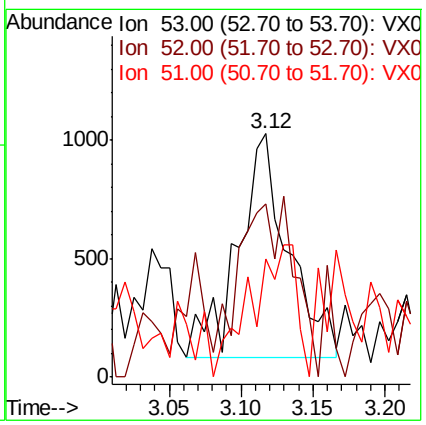


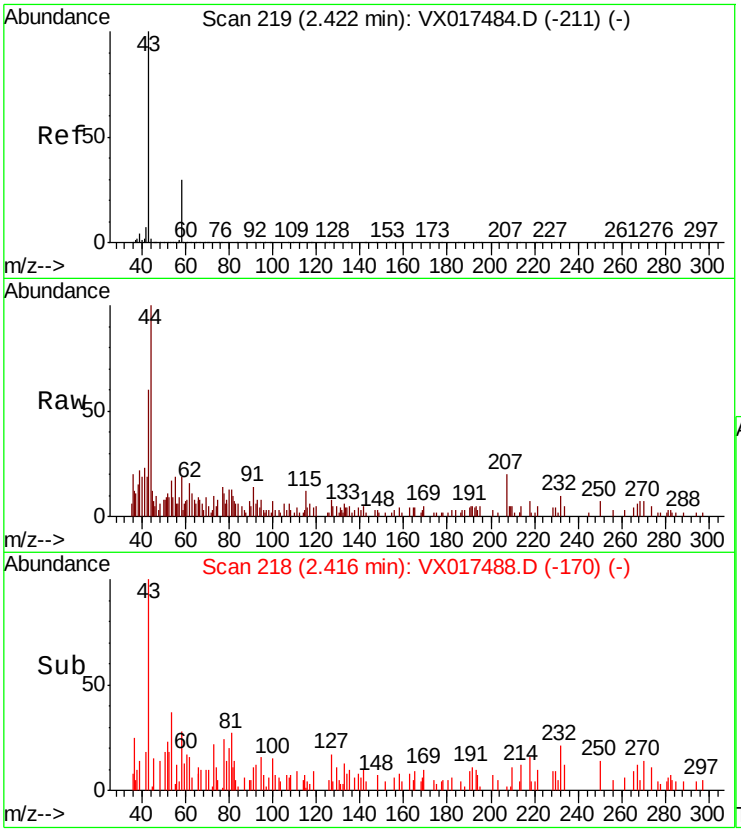


#15
Acrylonitrile
Concen: 0.699 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 53 Resp: 2286

Ion	Ratio	Lower	Upper
53	100		
52	86.9	66.6	99.8
51	54.5	29.4	44.2#



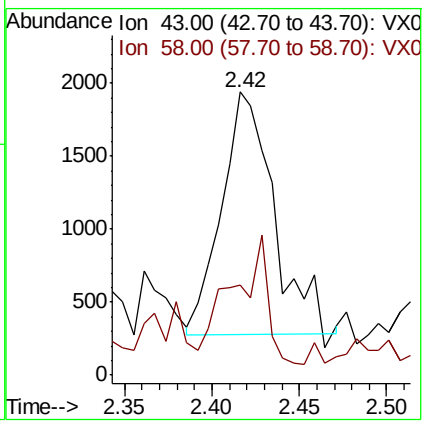


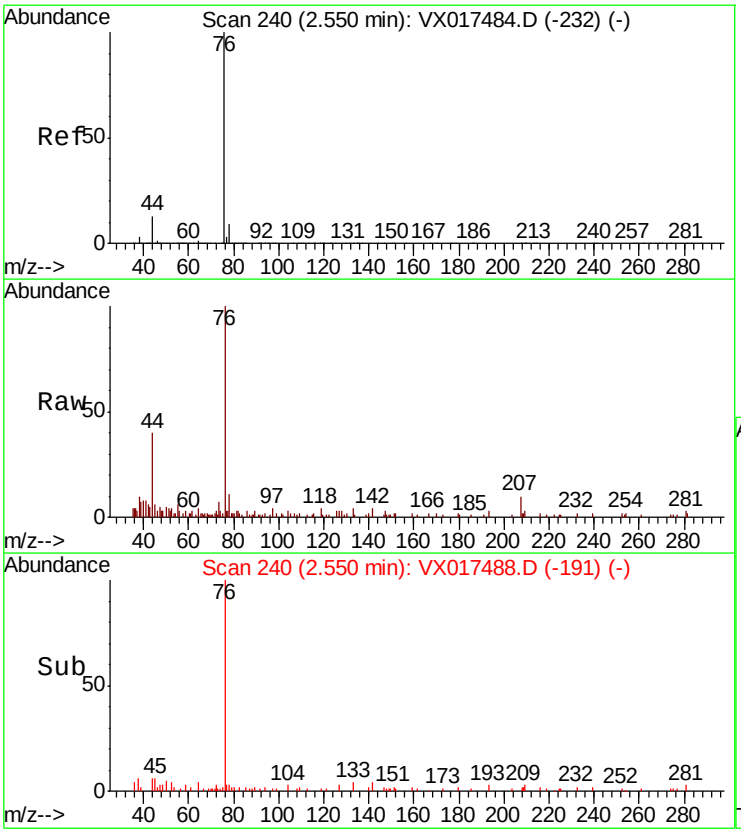
#16
Acetone
Concen: 1.085 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion: 43 Resp: 3432

Ion	Ratio	Lower	Upper
43	100		
58	24.6	24.2	36.4

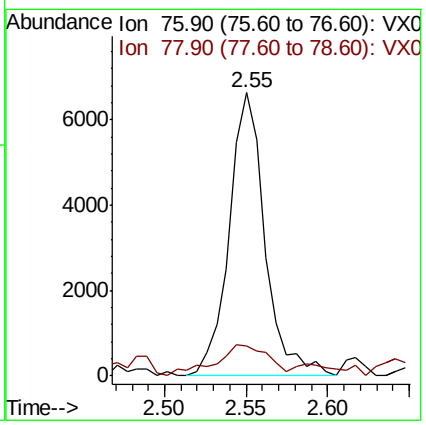


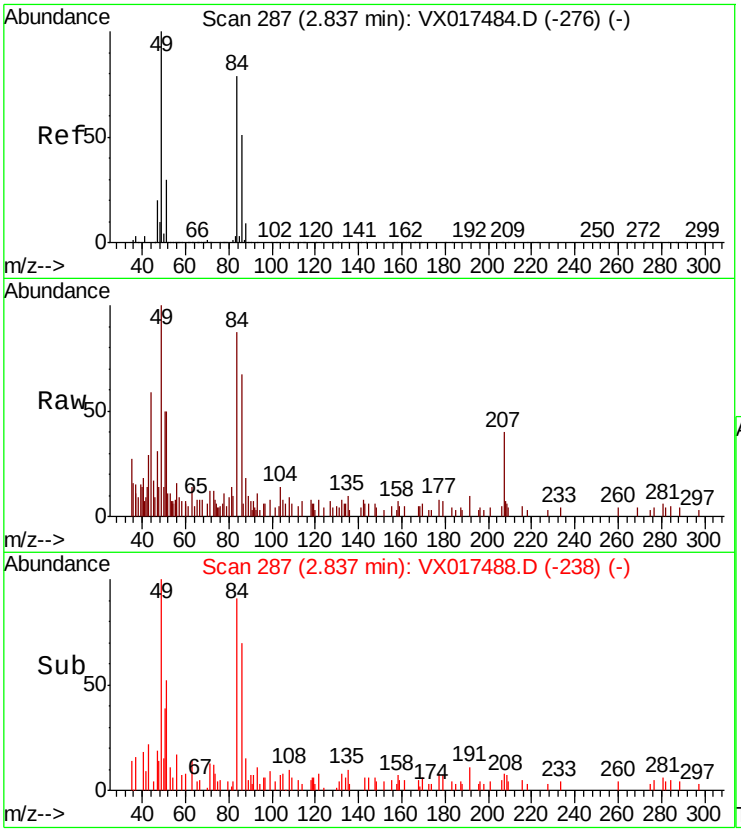


#17
Carbon Disulfide
Concen: 0.576 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 76 Resp: 10114

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3



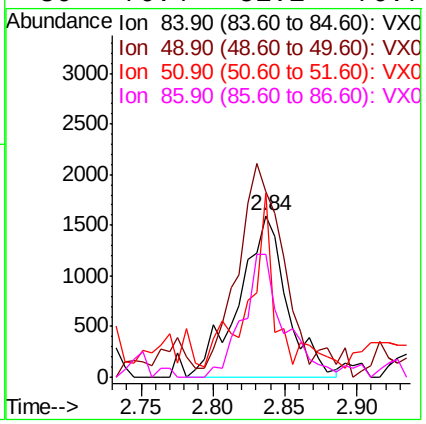


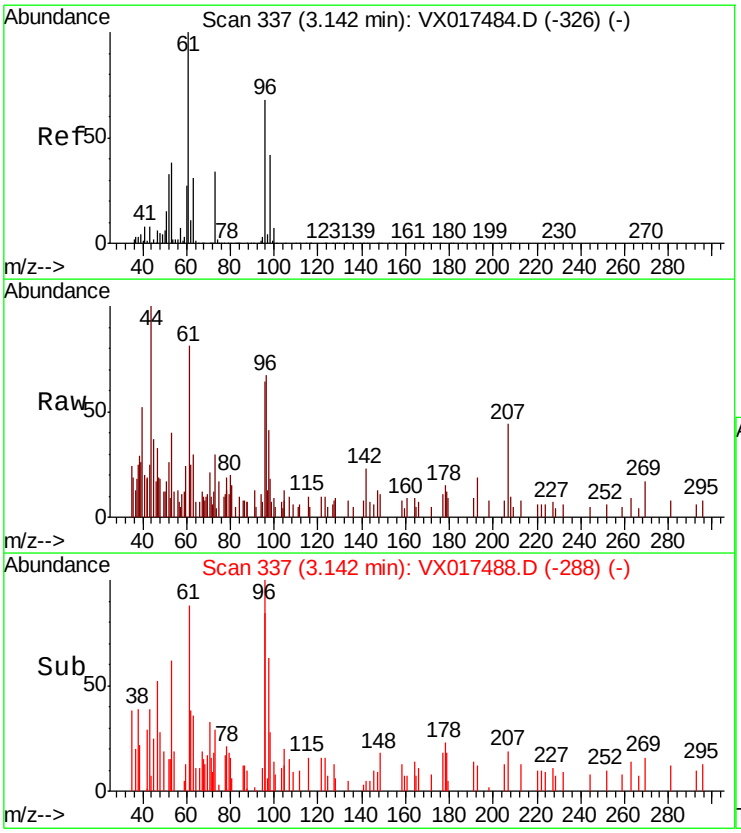
#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument : MSVOA_X
ClientSampleId : VX0723WBL01

Tgt Ion: 84 Resp: 3669

Ion	Ratio	Lower	Upper
84	100		
49	106.6	100.3	150.5
51	103.8	30.5	45.7#
86	76.4	51.1	76.7

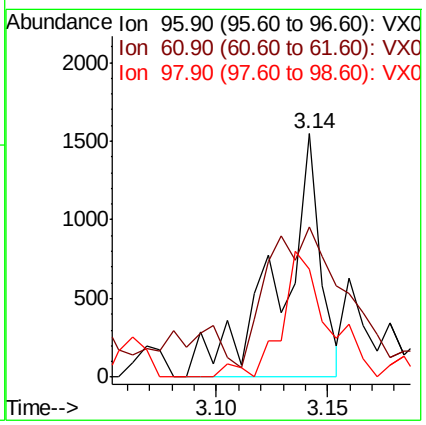


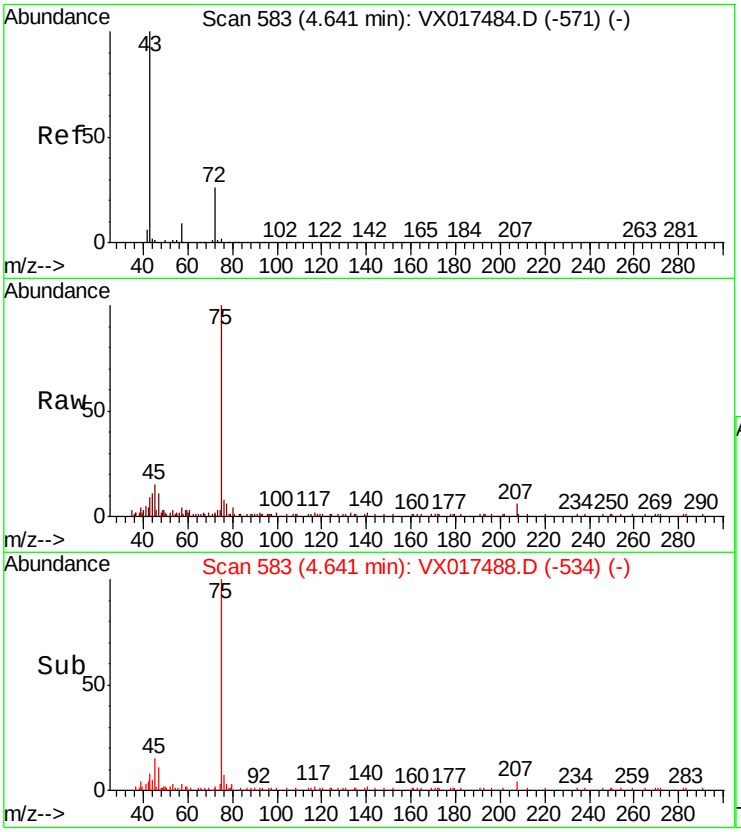


#21
trans-1,2-Dichloroethene
Concen: 0.322 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 96 Resp: 1995

Ion	Ratio	Lower	Upper
96	100		
61	49.2	113.0	169.4#
98	44.4	51.8	77.8#



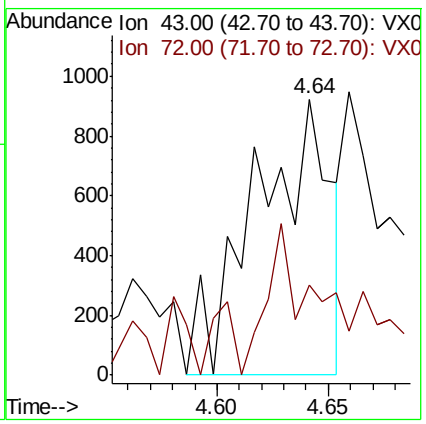


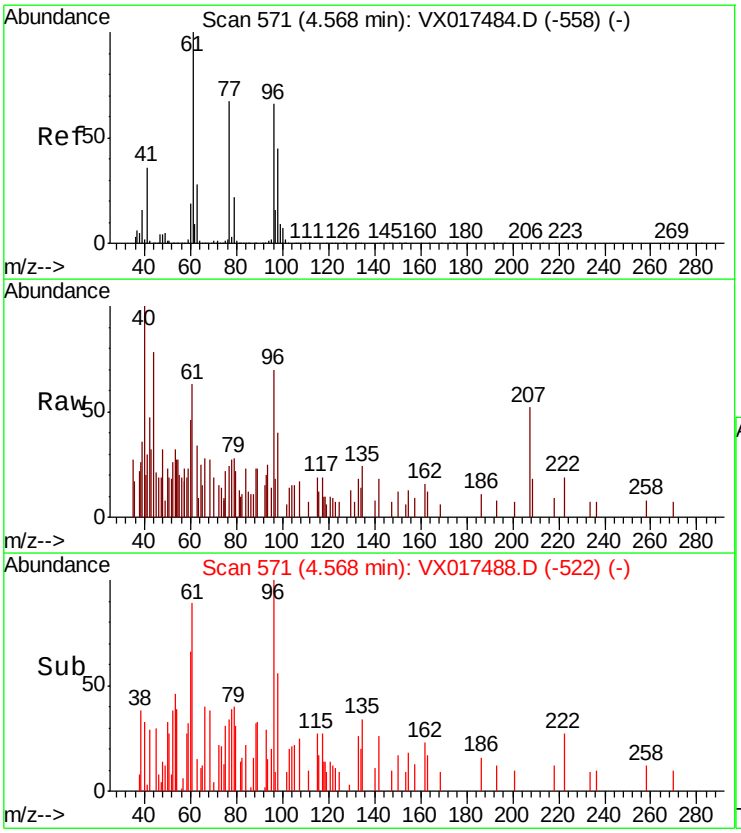
#25
2-Butanone
Concen: 0.480 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion: 43 Resp: 2158

Ion	Ratio	Lower	Upper
43	100		
72	14.3	19.0	28.4#

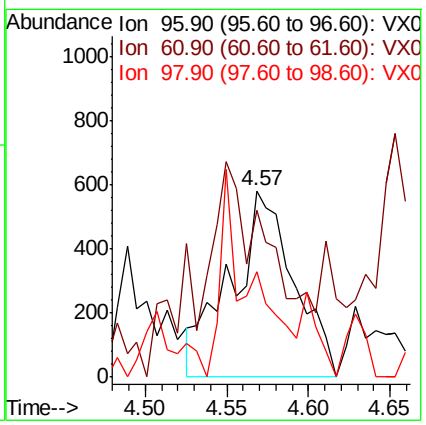


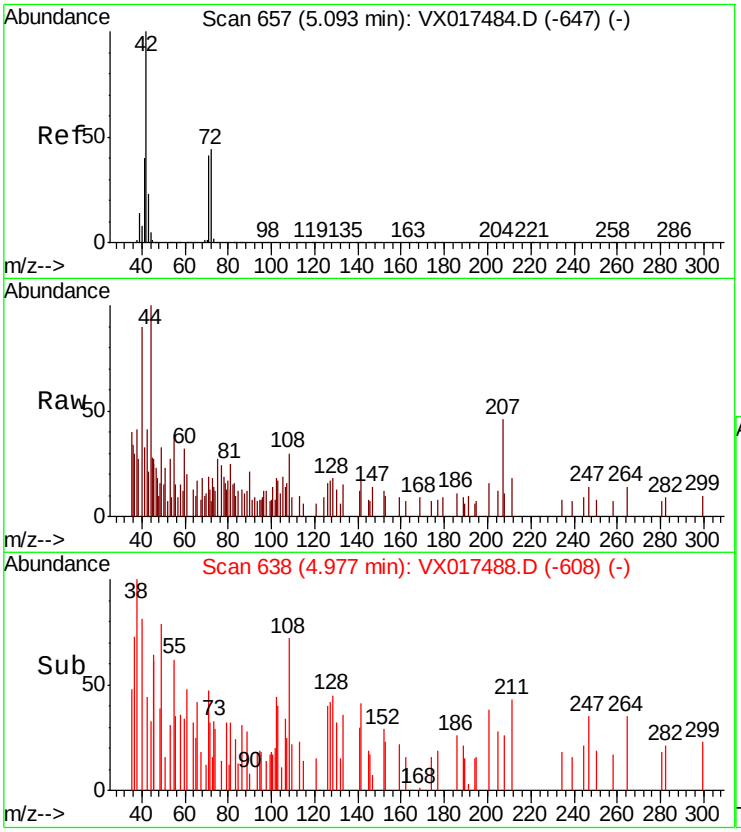


#27
cis-1,2-Dichloroethene
Concen: 0.232 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 96 Resp: 1559

Ion	Ratio	Lower	Upper
96	100		
61	39.3	0.0	301.2
98	30.7	0.0	130.0



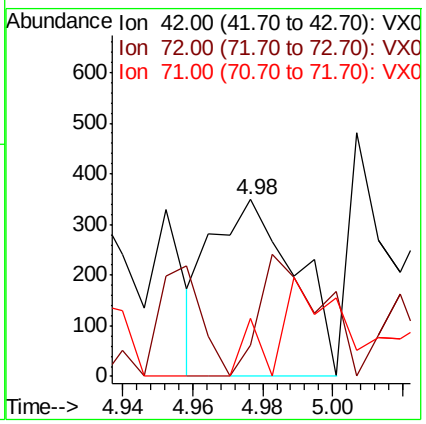


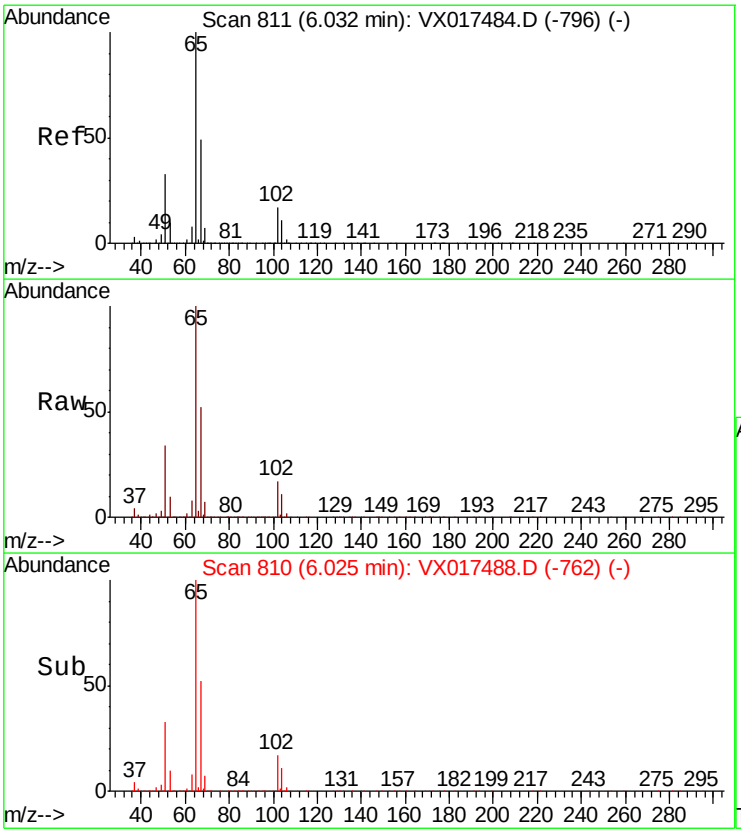
#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.12 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion: 42 Resp: 588

Ion	Ratio	Lower	Upper
42	100		
72	49.3	35.5	53.3
71	49.3	33.0	49.4

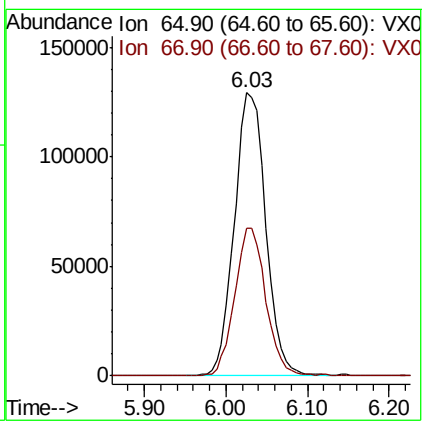


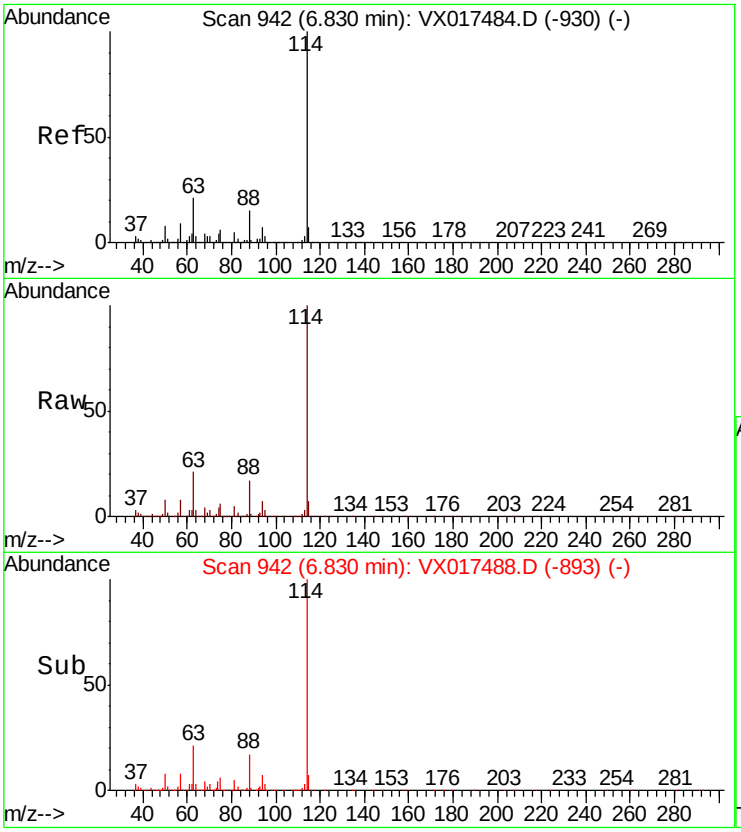


#33
1,2-Dichloroethane-d4
Concen: 47.893 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 65 Resp: 344297

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.8



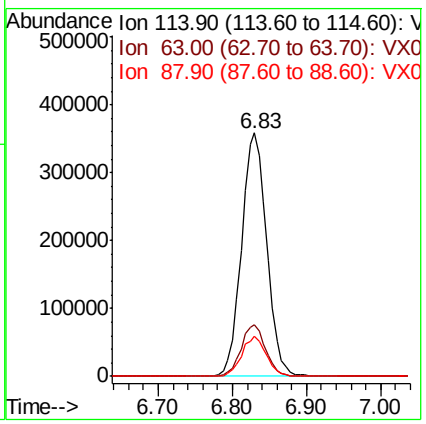


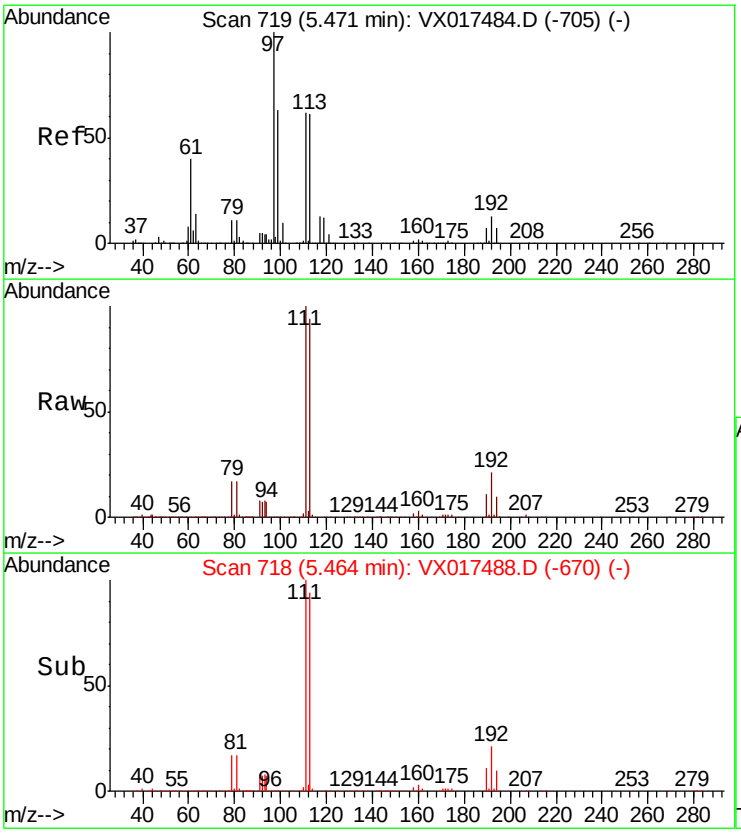
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:114 Resp: 851583

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.6
88	16.5	0.0	33.4

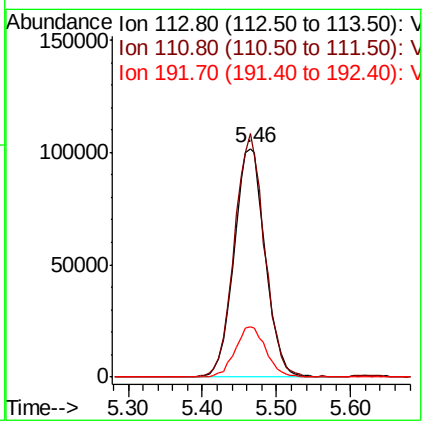


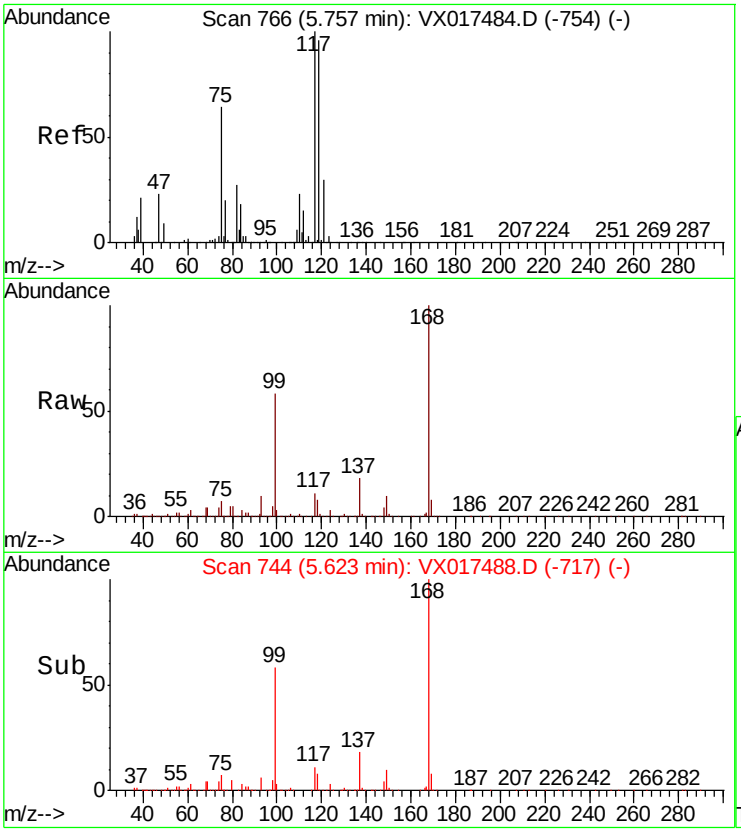


#35
Dibromofluoromethane
Concen: 52.346 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion:113 Resp: 298132

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



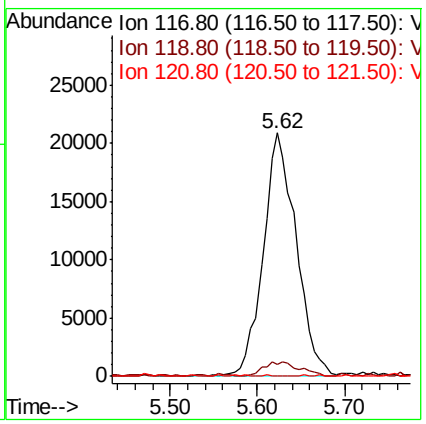


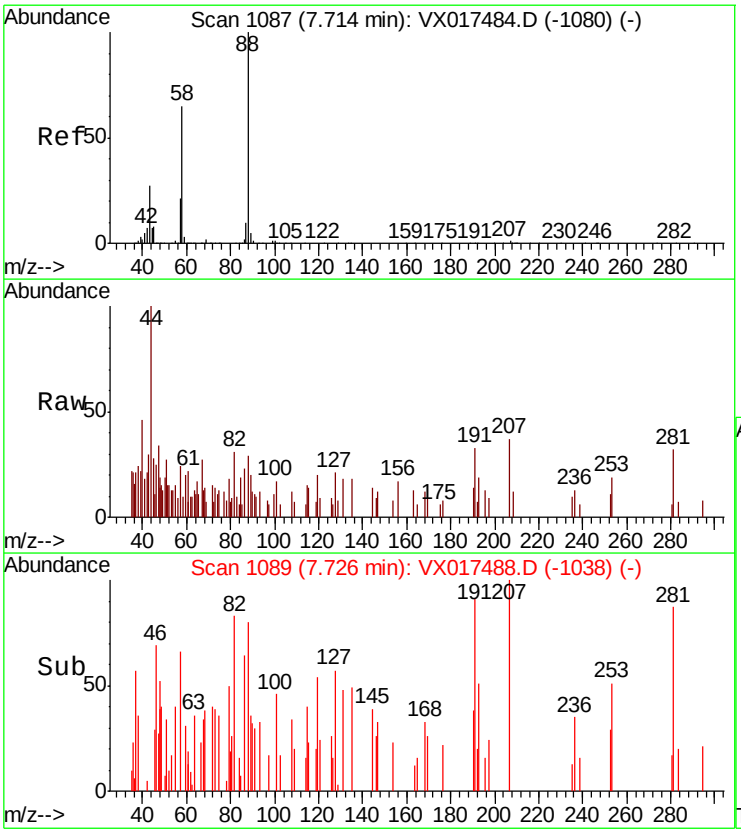
#38
Carbon Tetrachloride
Concen: 5.521 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:117 Resp: 54755

Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.4	113.0#
121	0.0	24.3	36.5#

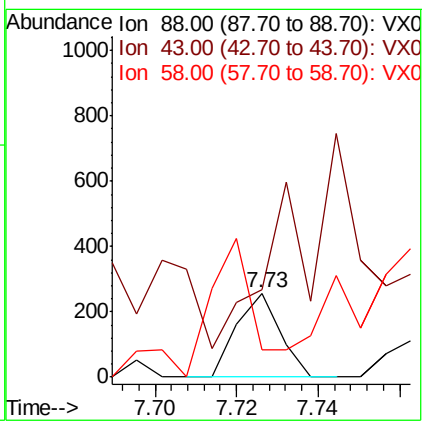


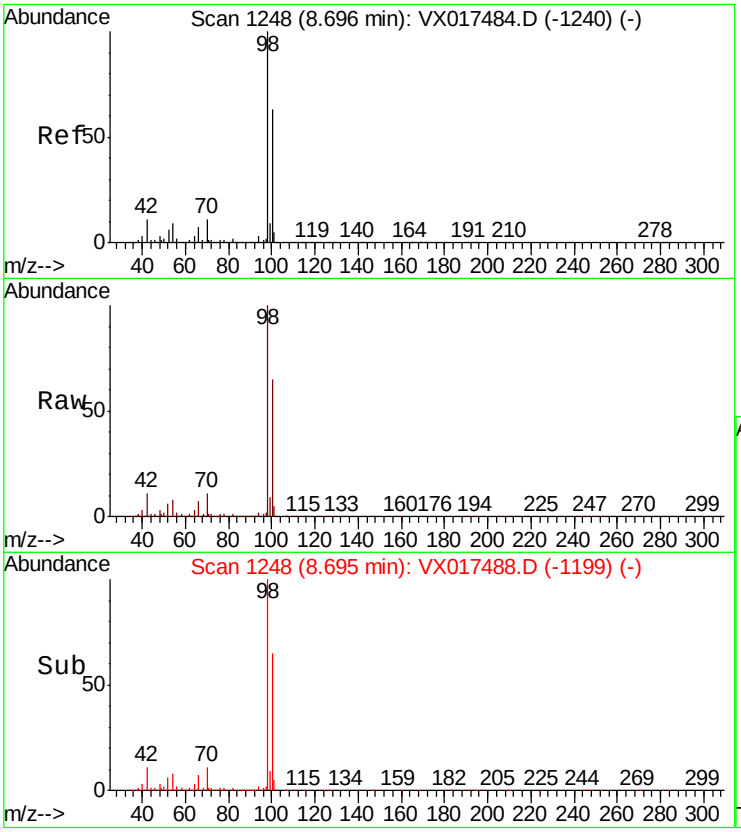


#49
1,4-Dioxane
Concen: 1.356 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 88 Resp: 190

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	197.4	58.3	87.5#



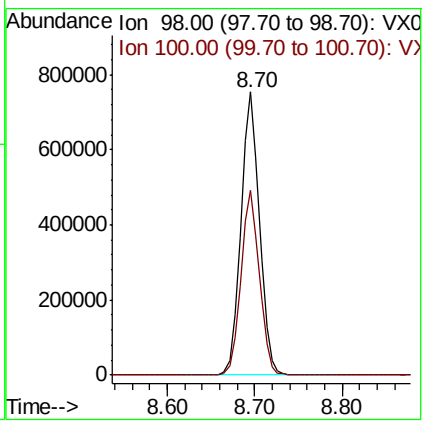


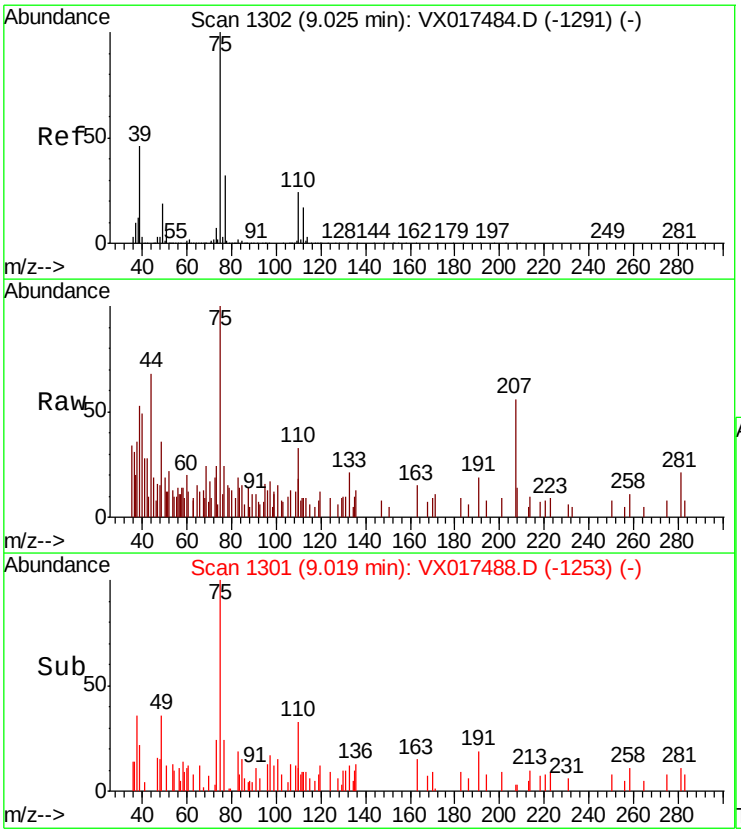
#50
Toluene-d8
Concen: 53.993 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion: 98 Resp: 1109338

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5

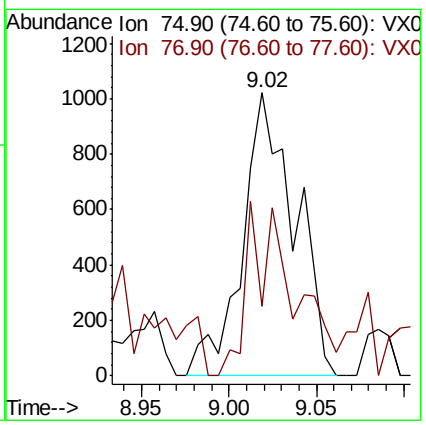


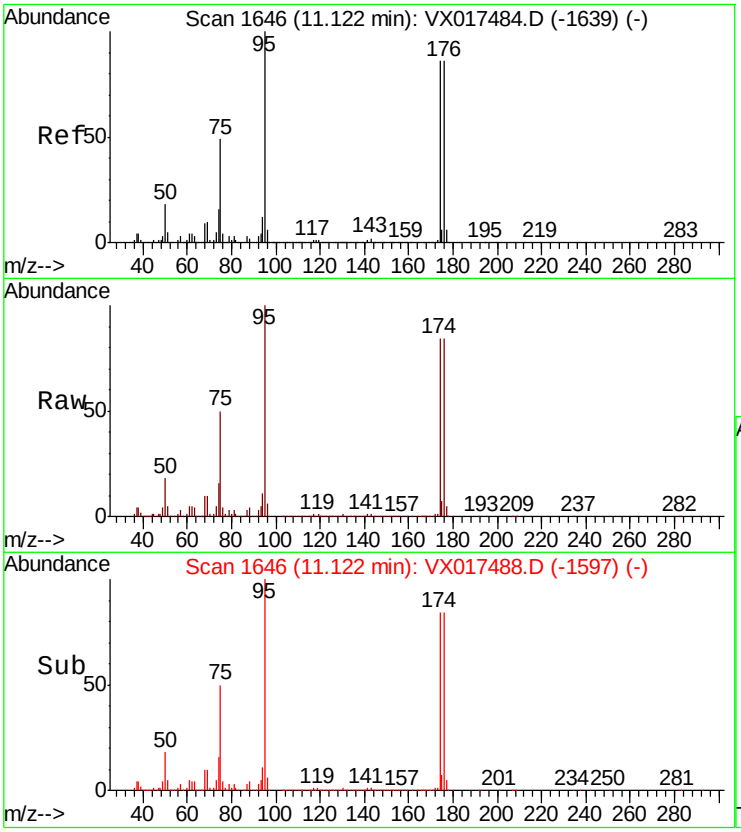


#53
t-1,3-Dichloropropene
Concen: 0.209 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 75 Resp: 2161

Ion	Ratio	Lower	Upper
75	100		
77	16.1	25.5	38.3#



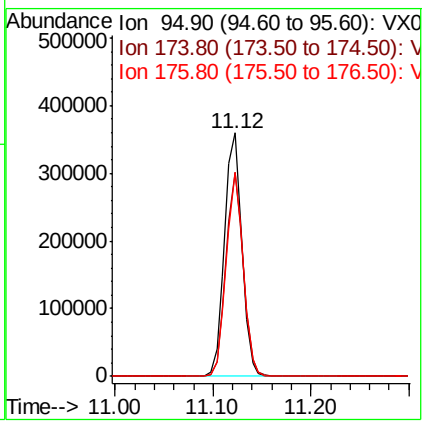


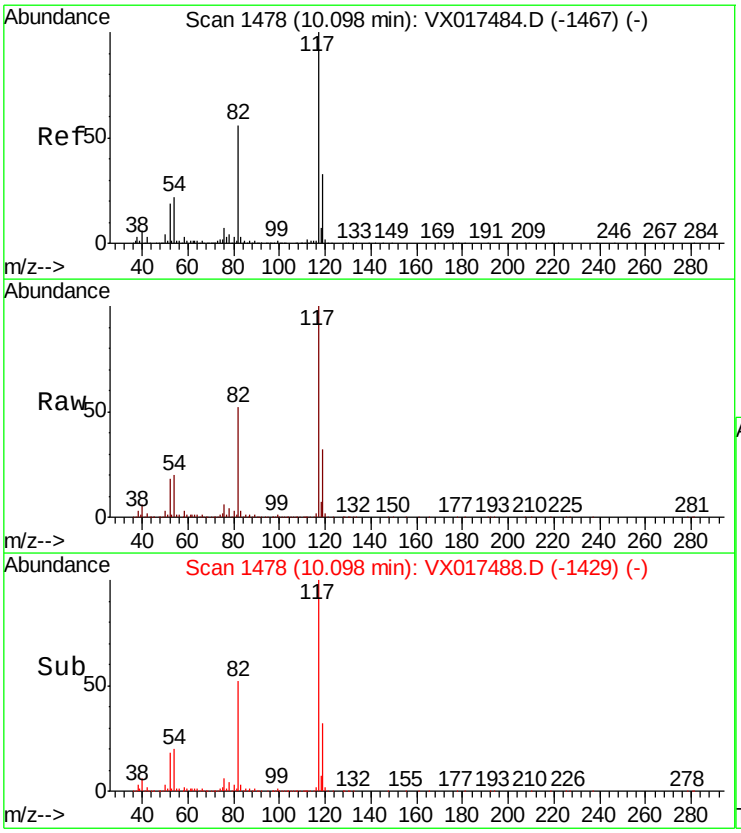
#62
4-Bromofluorobenzene
Concen: 54.435 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument : MSVOA_X
ClientSampleId : VX0723WBL01

Tgt Ion: 95 Resp: 447597

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	169.0
176	81.6	0.0	161.0

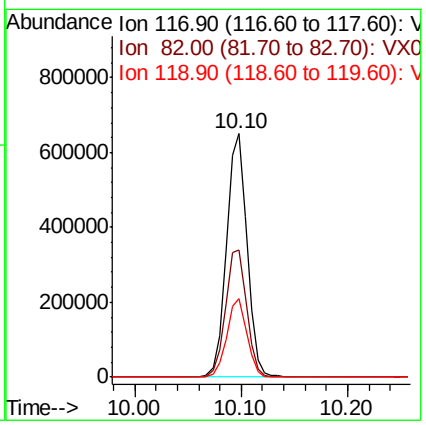


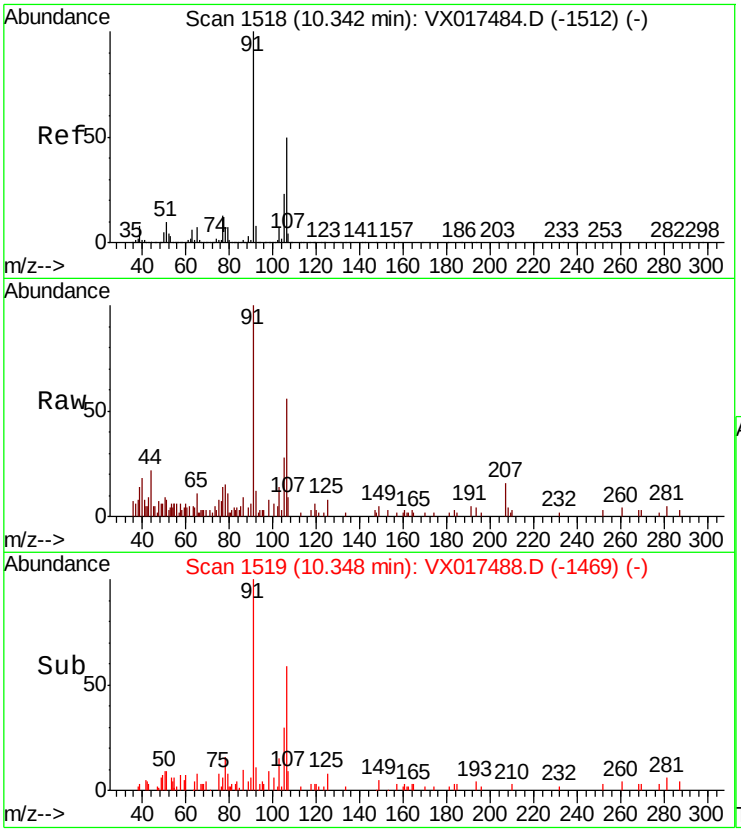


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion:117 Resp: 878668

Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.0	66.0
119	32.4	25.4	38.0



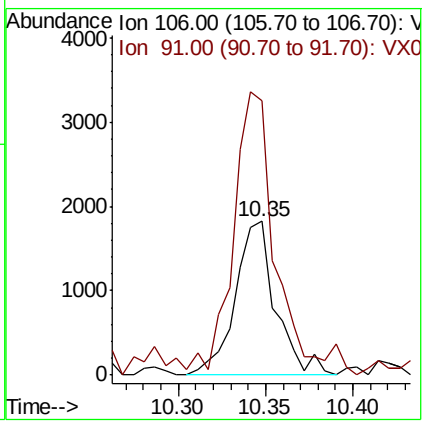


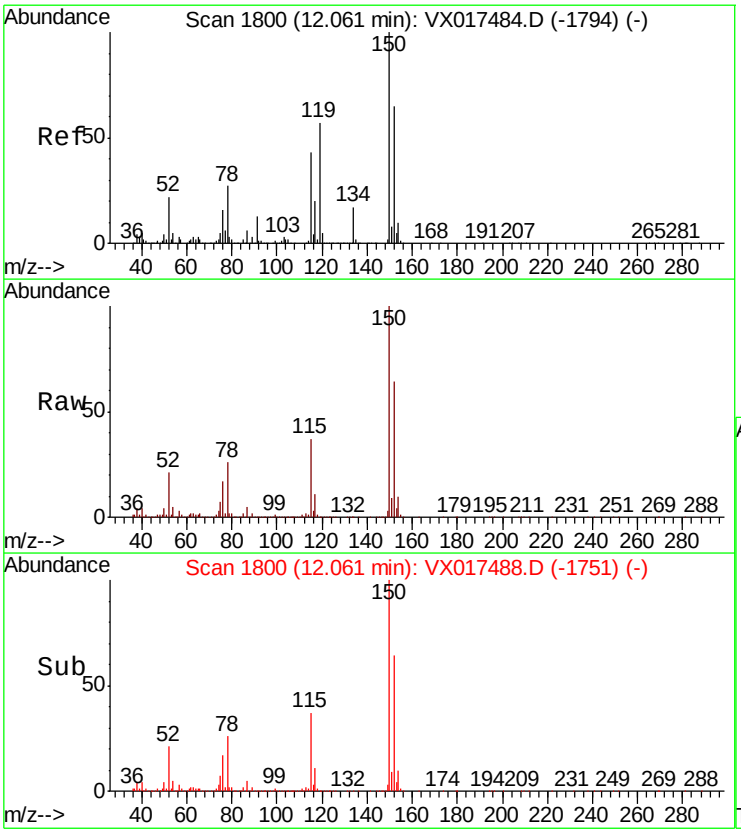
#68
m/p-Xylenes
Concen: 0.238 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument : MSVOA_X
ClientSampleId : VX0723WBL01

Tgt Ion:106 Resp: 2931

Ion	Ratio	Lower	Upper
106	100		
91	179.1	160.9	241.3

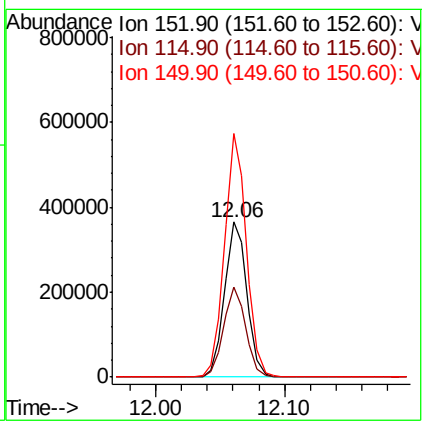


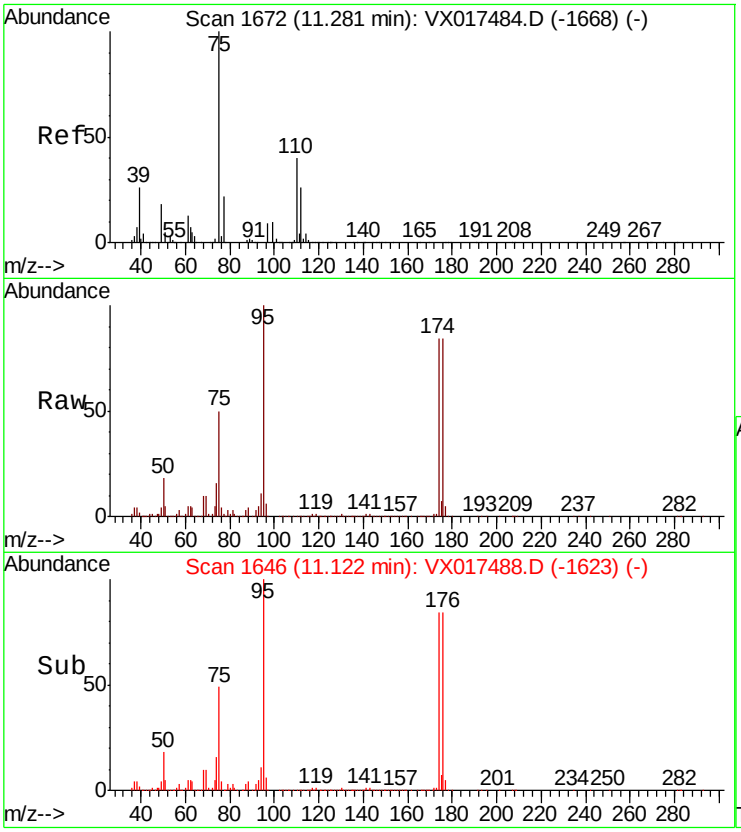


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion:152 Resp: 447086

Ion	Ratio	Lower	Upper
152	100		
115	57.4	65.5	196.6#
150	153.6	0.0	412.6



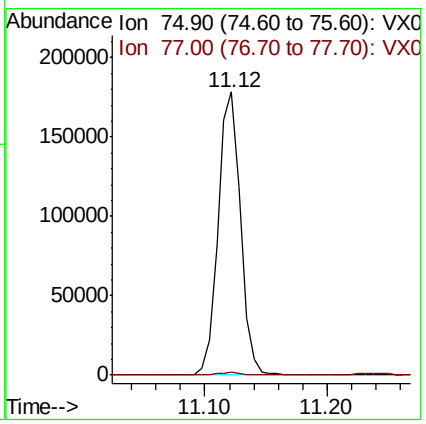


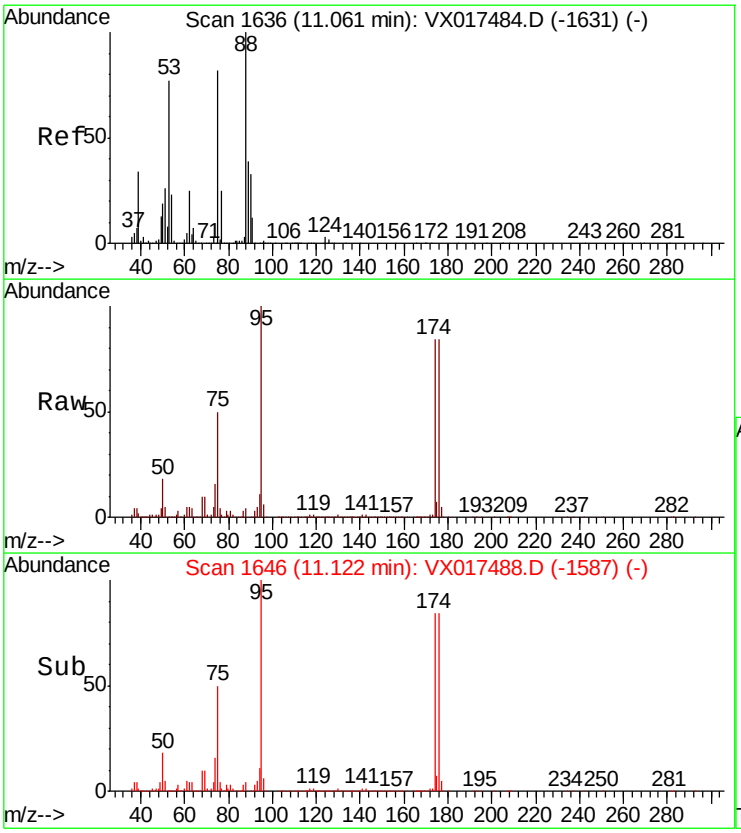
#76
1,2,3-Trichloropropane
Concen: 24.574 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument : MSVOA_X
ClientSampleId : VX0723WBL01

Tgt Ion: 75 Resp: 225999

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.8	65.3#

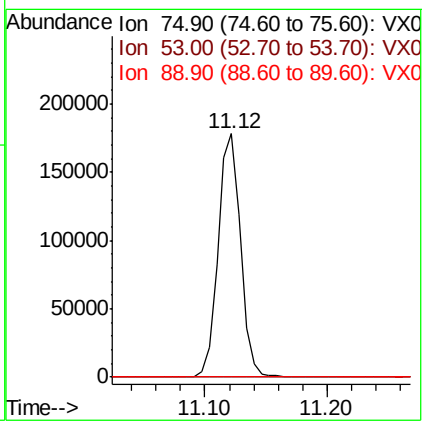


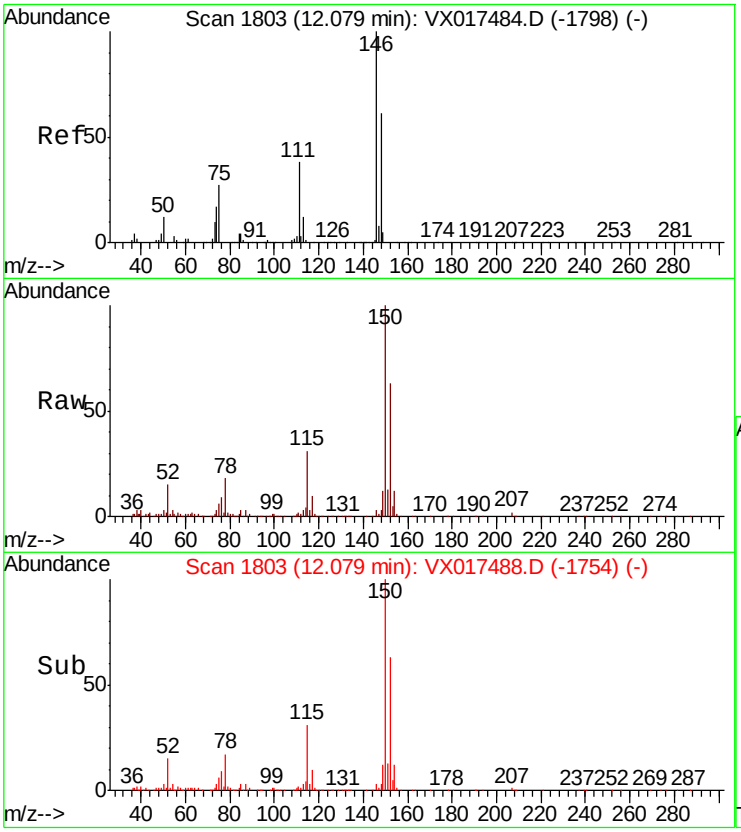


#81
trans-1,4-Dichloro-2-butene
Concen: 61.920 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 75 Resp: 225999

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.9	113.9#
89	0.0	37.8	56.6#



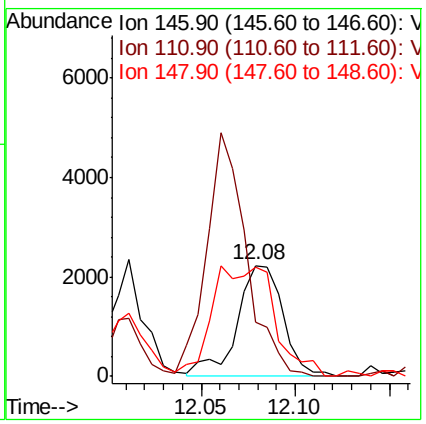


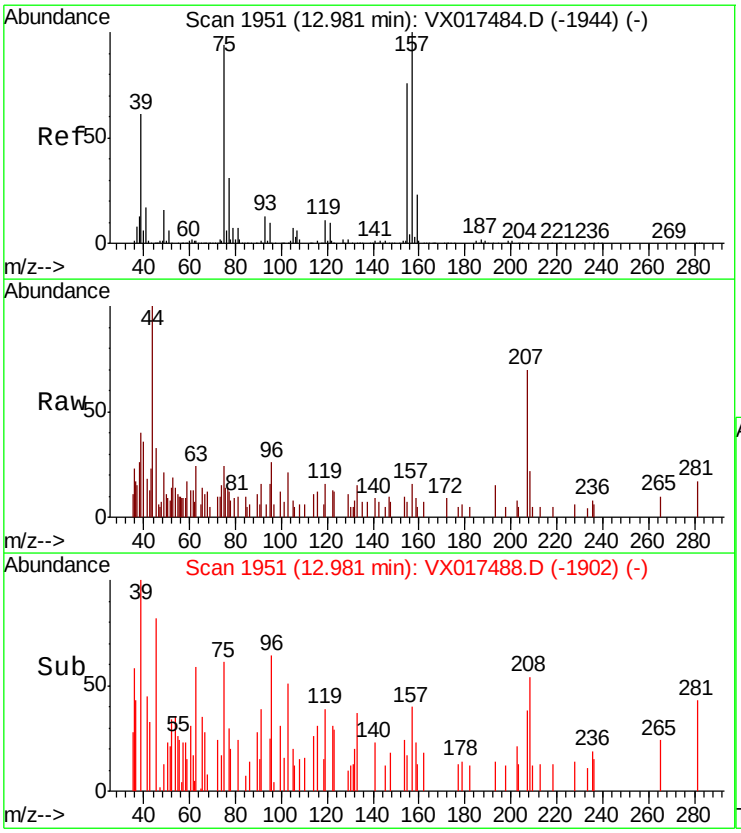
#88
1,4-Dichlorobenzene
Concen: 0.248 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:146 Resp: 3782

Ion	Ratio	Lower	Upper
146	100		
111	189.5	19.3	57.8#
148	134.5	32.2	96.6#

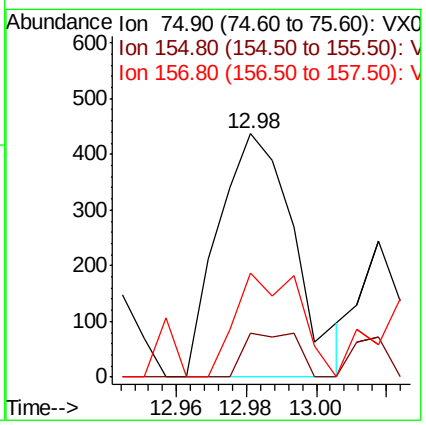


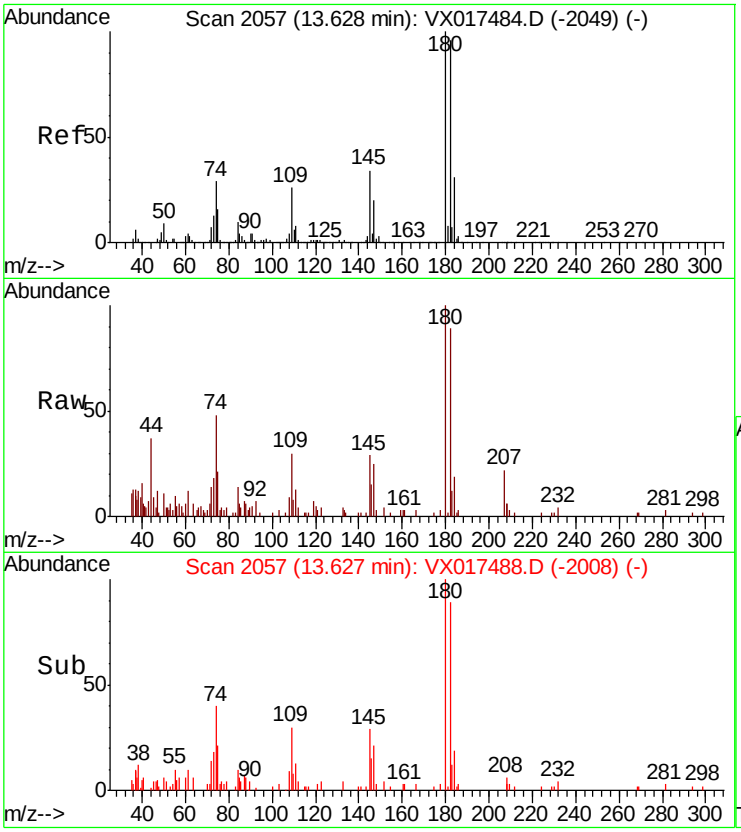


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.809 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion: 75 Resp: 662

Ion	Ratio	Lower	Upper
75	100		
155	12.5	42.3	126.8#
157	36.3	54.3	162.9#



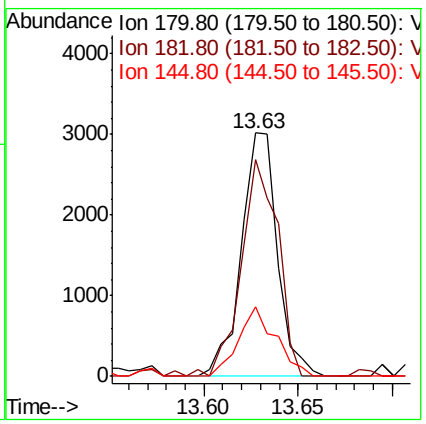


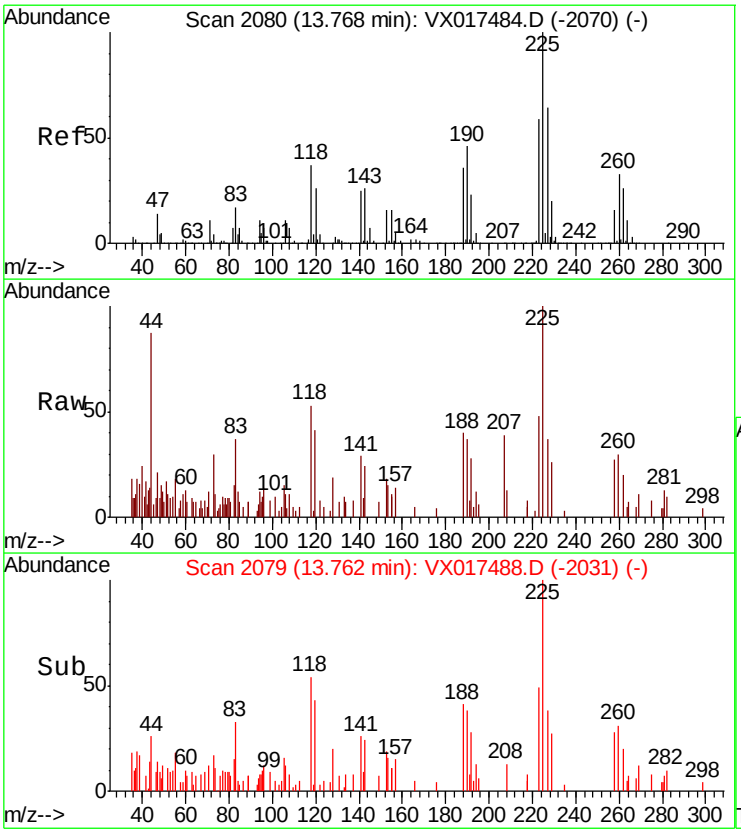
#93
1,2,4-Trichlorobenzene
Concen: 0.407 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:180 Resp: 4029

Ion	Ratio	Lower	Upper
180	100		
182	89.6	47.5	142.6
145	29.1	15.4	46.4

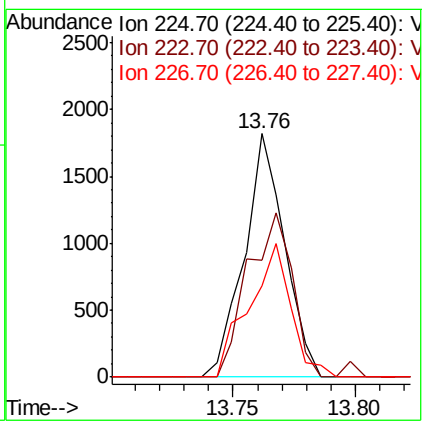


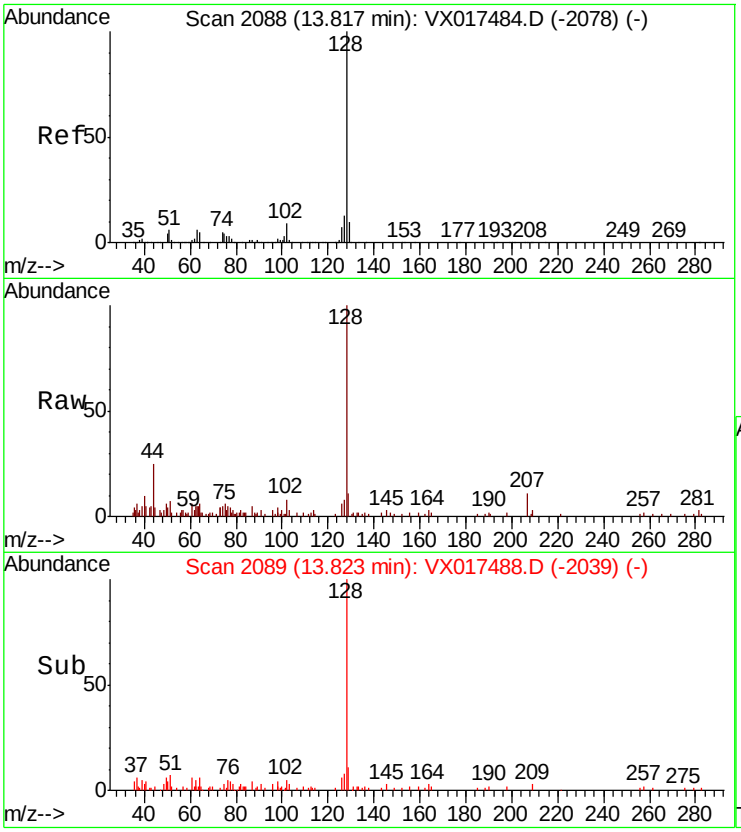


#94
Hexachlorobutadiene
Concen: 0.462 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion:225 Resp: 2102

Ion	Ratio	Lower	Upper
225	100		
223	73.9	30.3	90.9
227	56.8	31.1	93.2



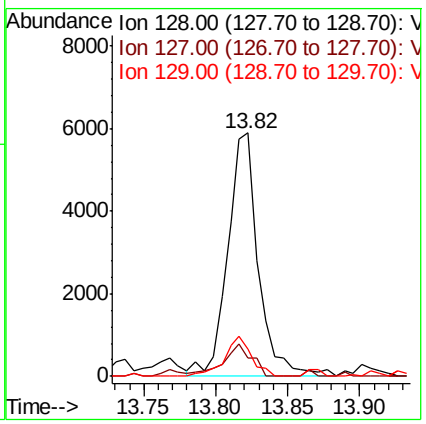


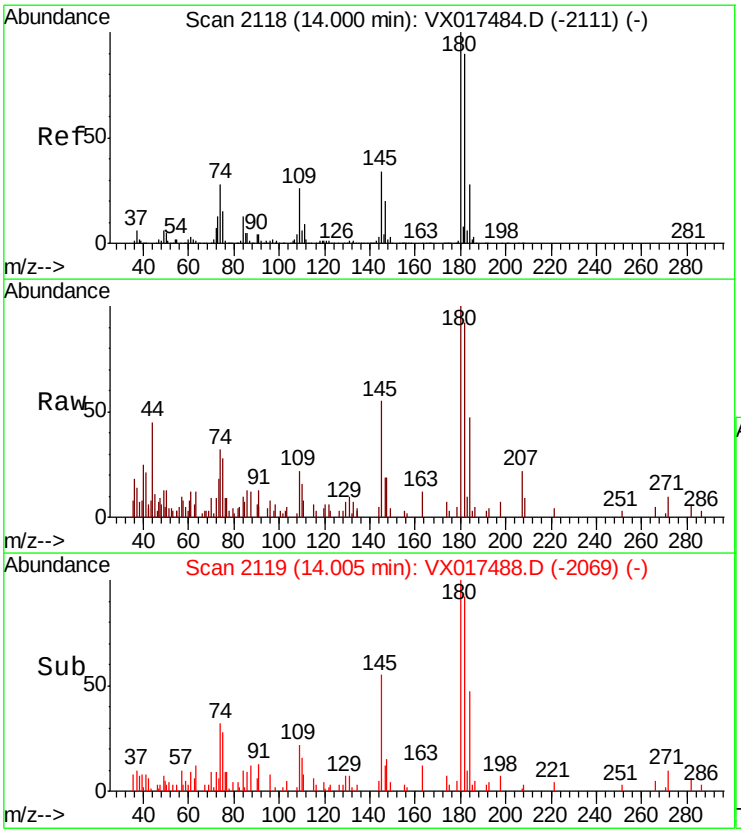
#95
Naphthalene
Concen: 0.299 ug/l
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Instrument : MSVOA_X
ClientSampleId : VX0723WBL01

Tgt Ion:128 Resp: 8825

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.4	15.6
129	14.5	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 0.352 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017488.D
Acq: 23 Jul 2020 13:29

Tgt Ion:180 Resp: 3435

Ion	Ratio	Lower	Upper
180	100		
182	87.2	47.4	142.3
145	49.8	16.3	48.9#