Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102020\
Data File : VX018991.D
Acq On : 20 Oct 2020 22:15
Operator : JC/SP
Sample : L4222-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EO-03-101920

Quant Time: Oct 21 03:28:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 20 19:16:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	171372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	321364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	315187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	153689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	118073	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.82%			
35) Dibromofluoromethane	5.46	113	97692	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.20%			
50) Toluene-d8	8.70	98	412743	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.00%			
62) 4-Bromofluorobenzene	11.12	95	155551	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.42%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	399	0.225	ug/l #	51
9) 1,1,2-Trichlorotrifluoroet	2.36	101	100	Below Cal	#	48
11) Tert butyl alcohol	3.01	59	894	1.730	ug/l #	79
12) 1,1-Dichloroethene	2.26	96	93	Below Cal	#	1
13) Acrolein	2.27	56	218	Below Cal	#	15
16) Acetone	2.42	43	181982	232.007	ug/l	98
17) Carbon Disulfide	2.55	76	1058	0.219	ug/l	100
18) Methyl Acetate	2.75	43	1087	0.572	ug/l	99
20) Methylene Chloride	2.83	84	4437	2.189	ug/l	94
25) 2-Butanone	4.64	43	4281	3.379	ug/l	97
29) Tetrahydrofuran	5.11	42	720	0.964	ug/l #	84
31) Cyclohexane	5.62	56	3927	1.491	ug/l #	17
36) 1,1-Dichloropropene	5.62	75	14270	4.752	ug/l #	49
37) Ethyl Acetate	4.64	43	4393	1.692	ug/l #	68
38) Carbon Tetrachloride	5.63	117	17750	5.873	ug/l #	15
51) 4-Methyl-2-Pentanone	8.59	43	9804	3.629	ug/l #	29
59) 2-Hexanone	9.42	43	42156	20.095	ug/l #	17
60) Dibromochloromethane	9.32	129	561	0.214	ug/l #	11
64) Tetrachloroethene	9.32	164	708	0.319	ug/l	91
76) 1,2,3-Trichloropropane	11.12	75	78240	24.769	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.49	105	2139	0.240	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	78240	65.336	ug/l #	16
89) n-Butylbenzene	12.37	91	2412	0.264	ug/l #	60
93) 1,2,4-Trichlorobenzene	13.63	180	752	0.220	ug/l #	58
95) Naphthalene	13.82	128	2377	0.209	ug/l #	85

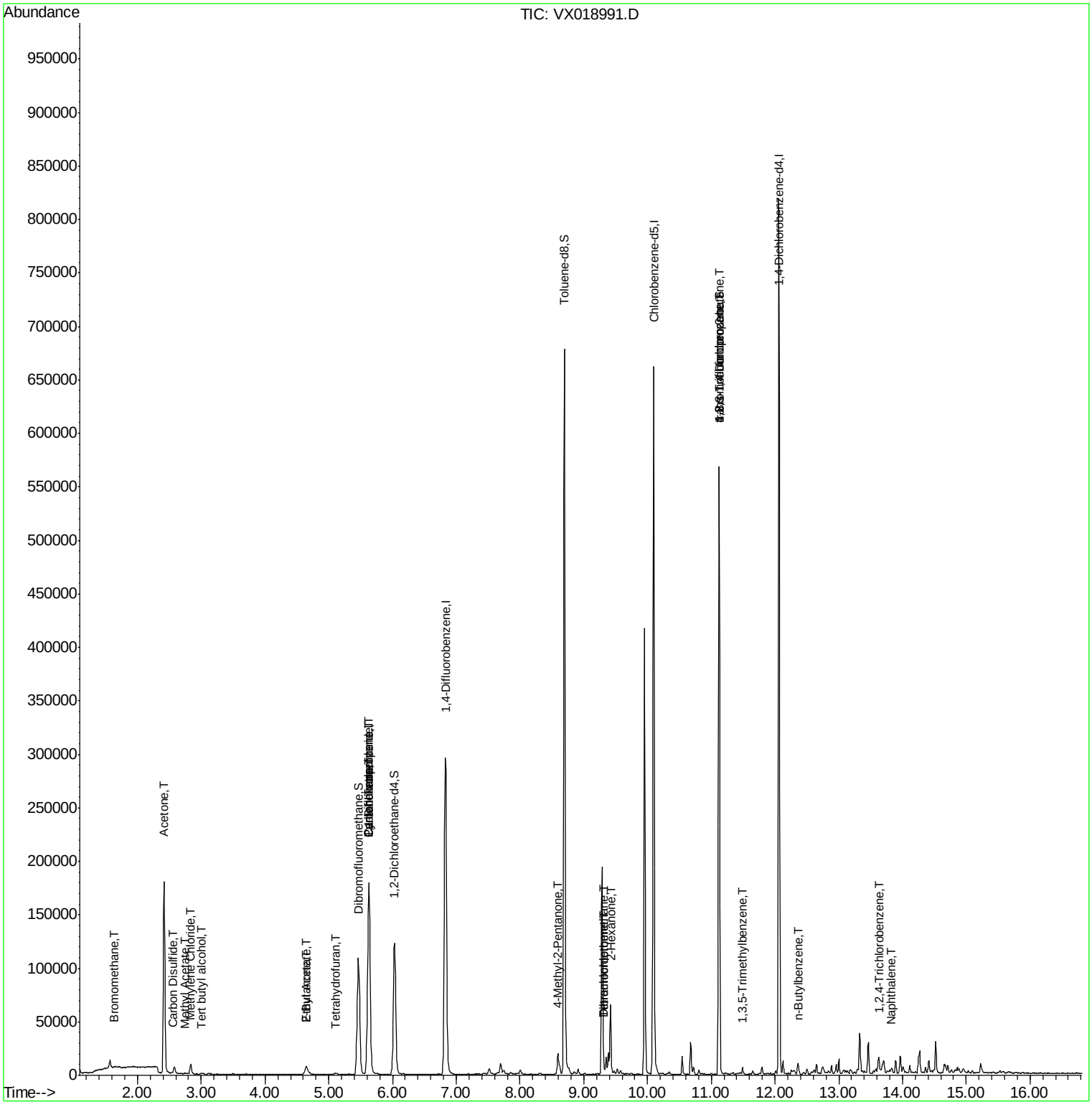
(#) = qualifier out of range (m) = manual integration (+) = signals summed

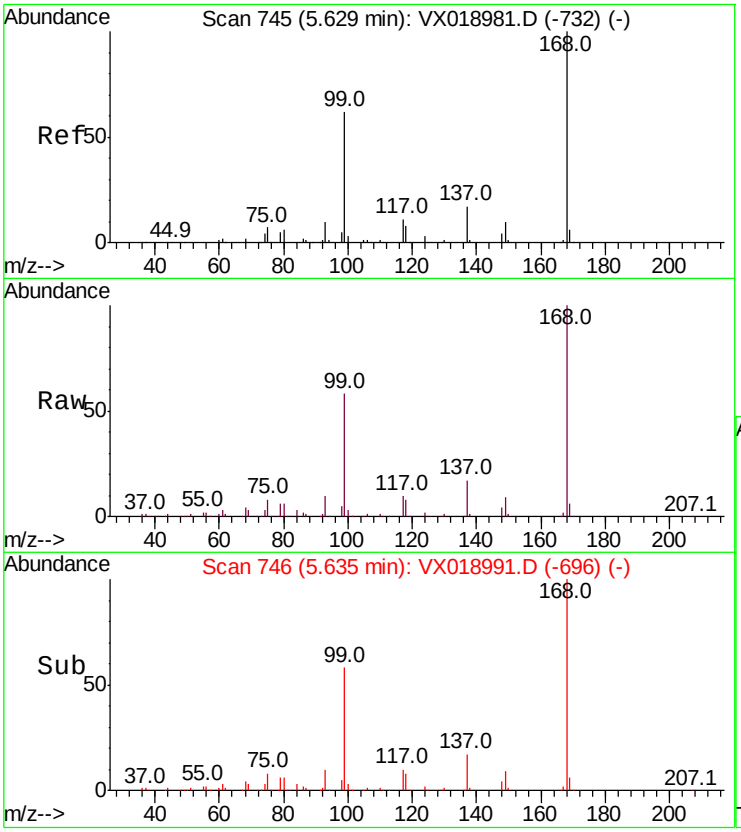
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
Data File : VX018991.D
Acq On : 20 Oct 2020 22:15
Operator : JC/SP
Sample : L4222-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EO-03-101920

Quant Time: Oct 21 03:28:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 20 19:16:32 2020
Response via : Initial Calibration



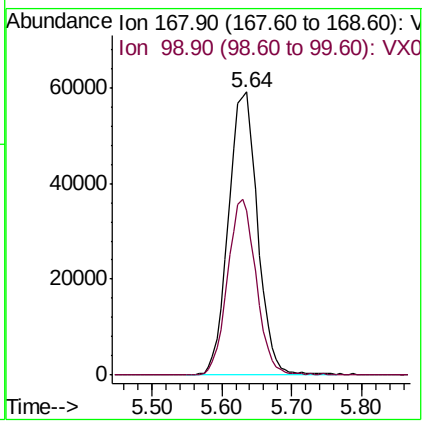


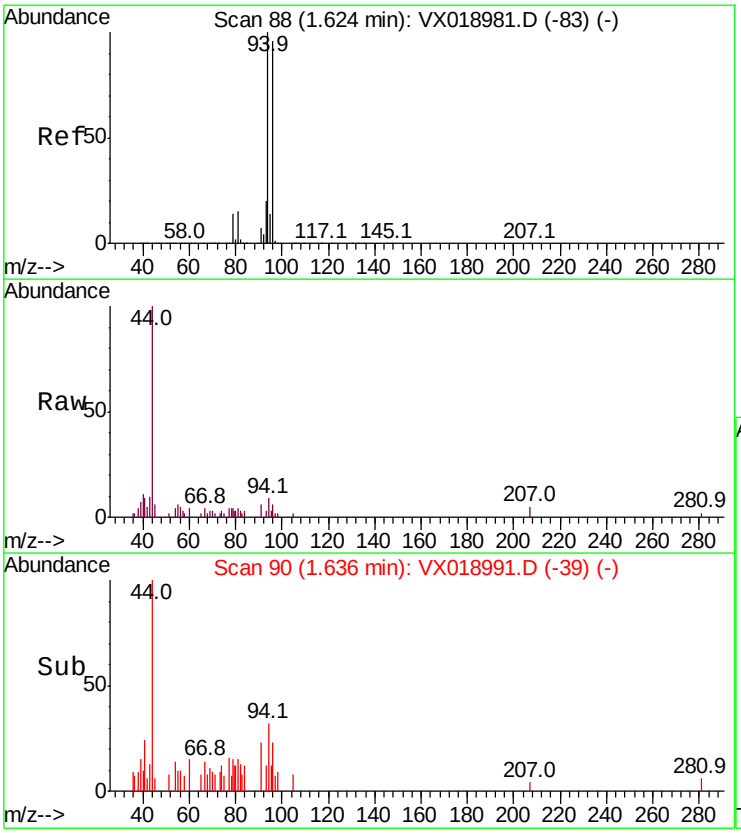
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion:168 Resp: 171372

Ion	Ratio	Lower	Upper
168	100		
99	57.8	49.7	74.5

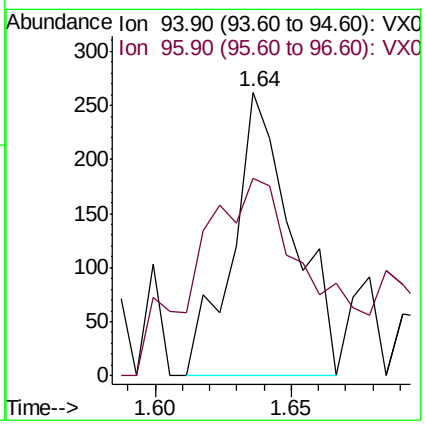


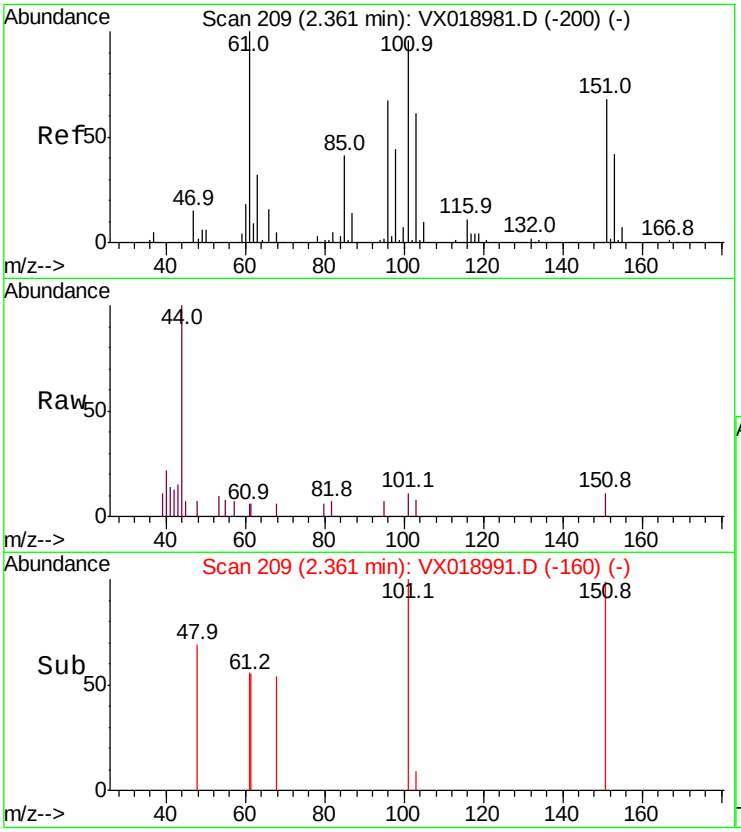


#5
Bromomethane
Concen: 0.225 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 94 Resp: 399

Ion	Ratio	Lower	Upper
94	100		
96	47.7	76.4	114.6#



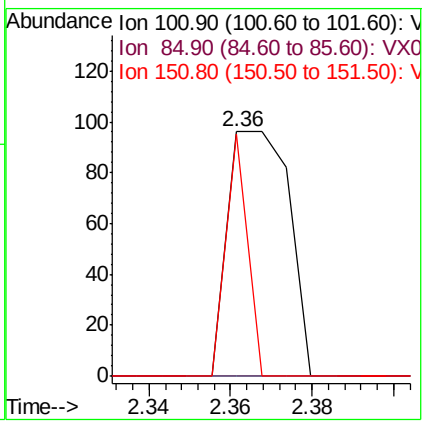


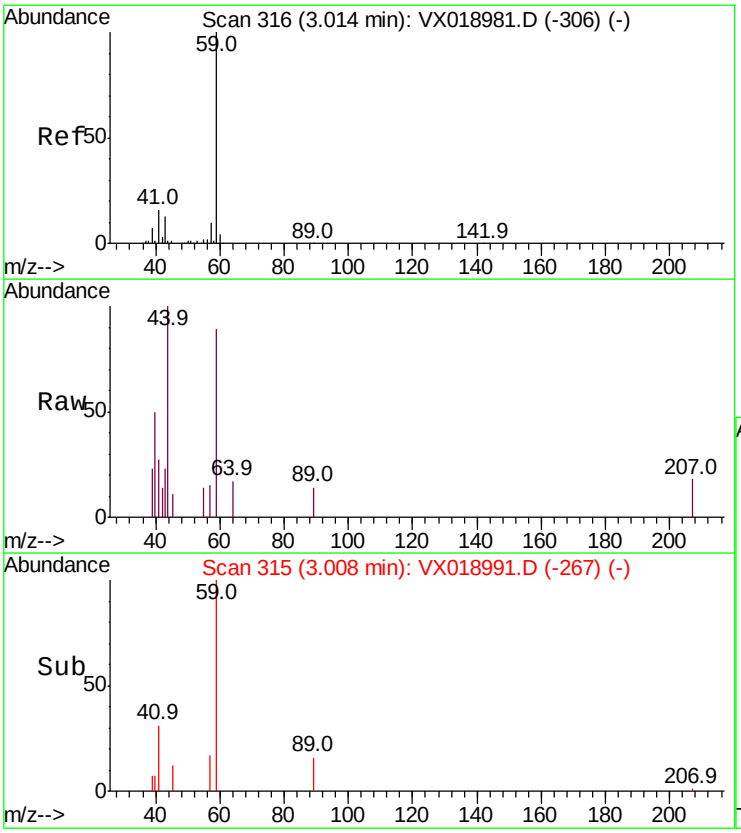
#9
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 2.36 min Scan# 209
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion:101 Resp: 100

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.9	52.3#
151	35.0	56.1	84.1#

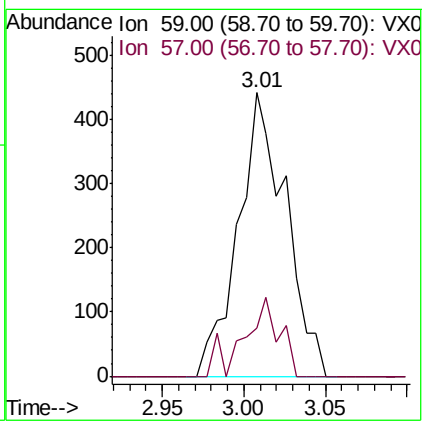


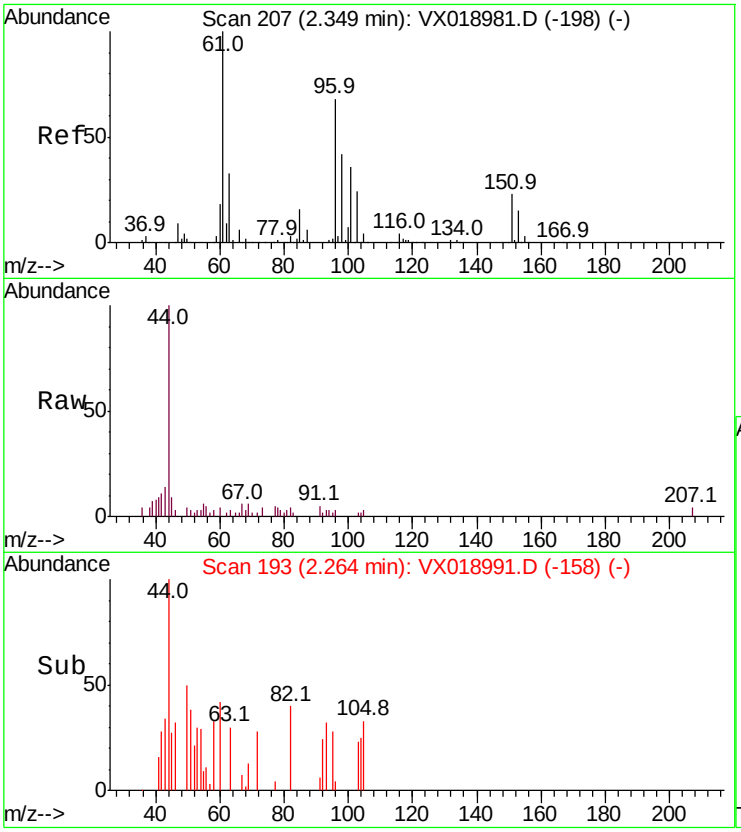


#11
Tert butyl alcohol
Concen: 1.730 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 59 Resp: 894

Ion	Ratio	Lower	Upper
59	100		
57	18.1	8.3	12.5#



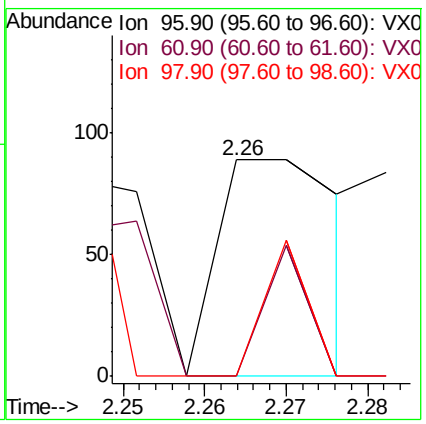


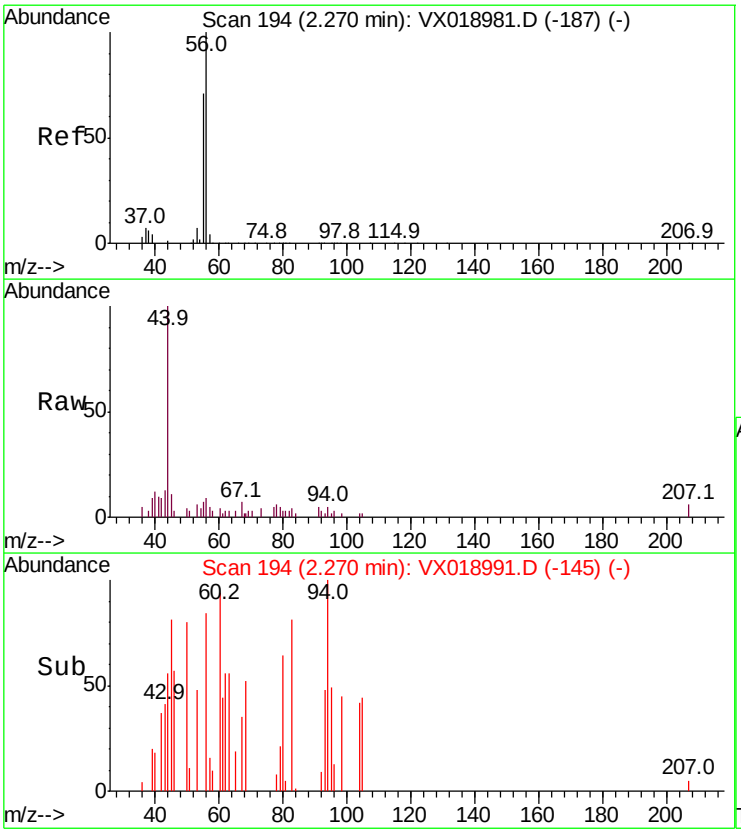
#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.26 min Scan# 193
Delta R.T. -0.09 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument : MSVOA_X
ClientSampleId : EO-03-101920

Tgt Ion: 96 Resp: 93

Ion	Ratio	Lower	Upper
96	100		
61	0.0	117.4	176.0#
98	0.0	48.9	73.3#

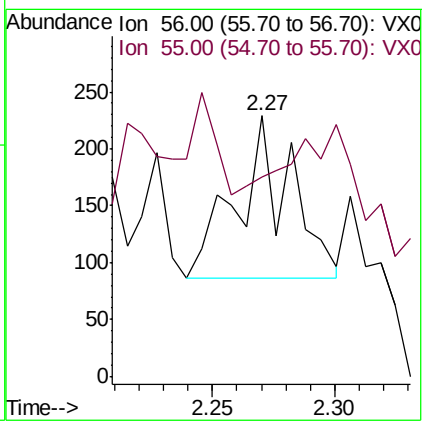


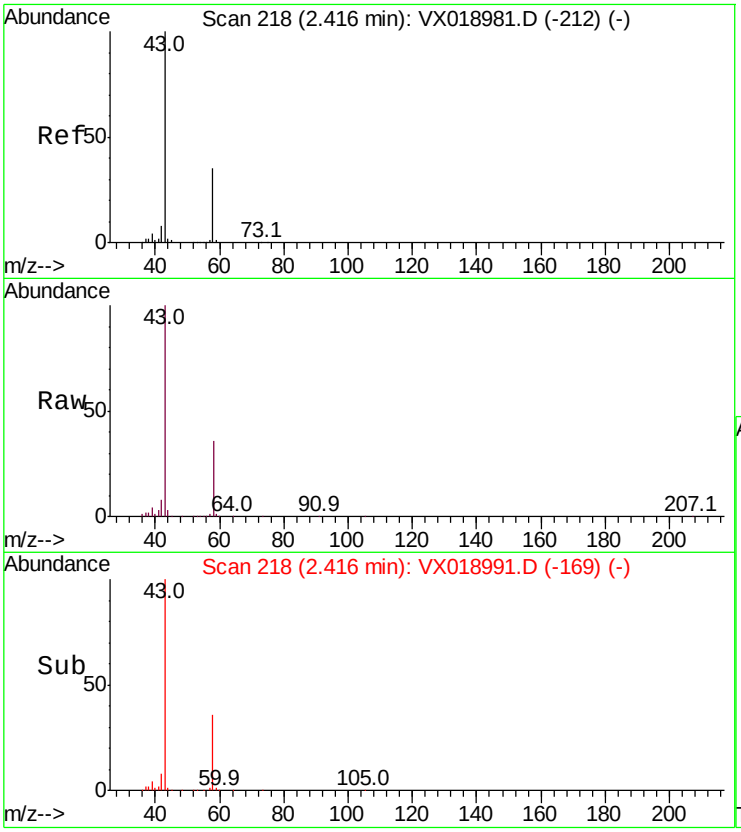


#13
Acrolein
Concen: Below Cal
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 56 Resp: 218

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.4	83.2#



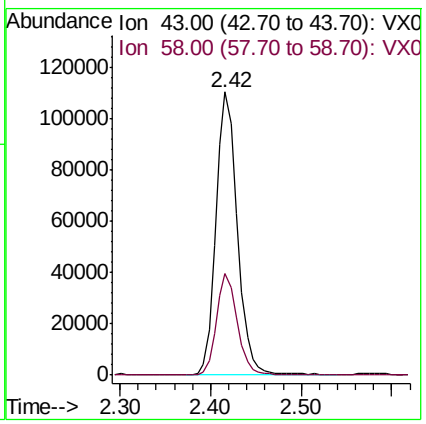


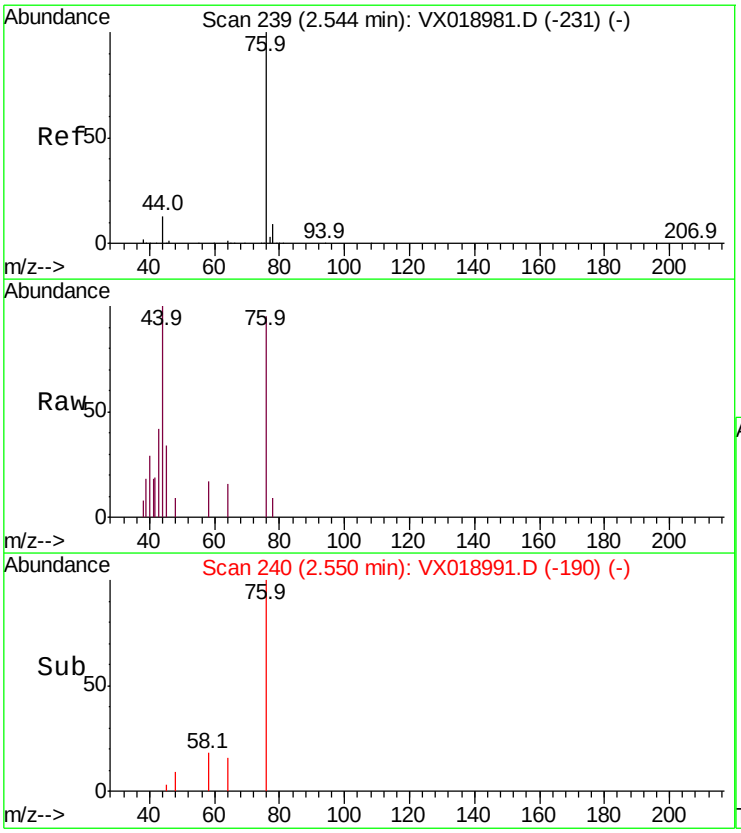
#16
Acetone
Concen: 232.007 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion: 43 Resp: 181982

Ion	Ratio	Lower	Upper
43	100		
58	36.0	27.9	41.9

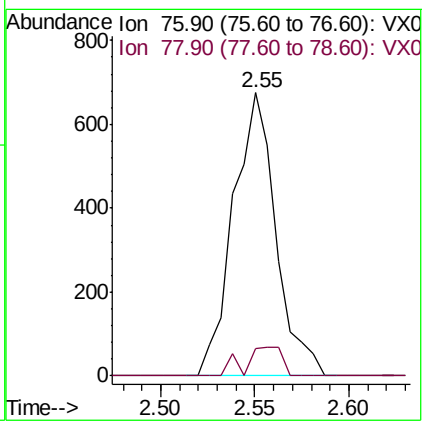


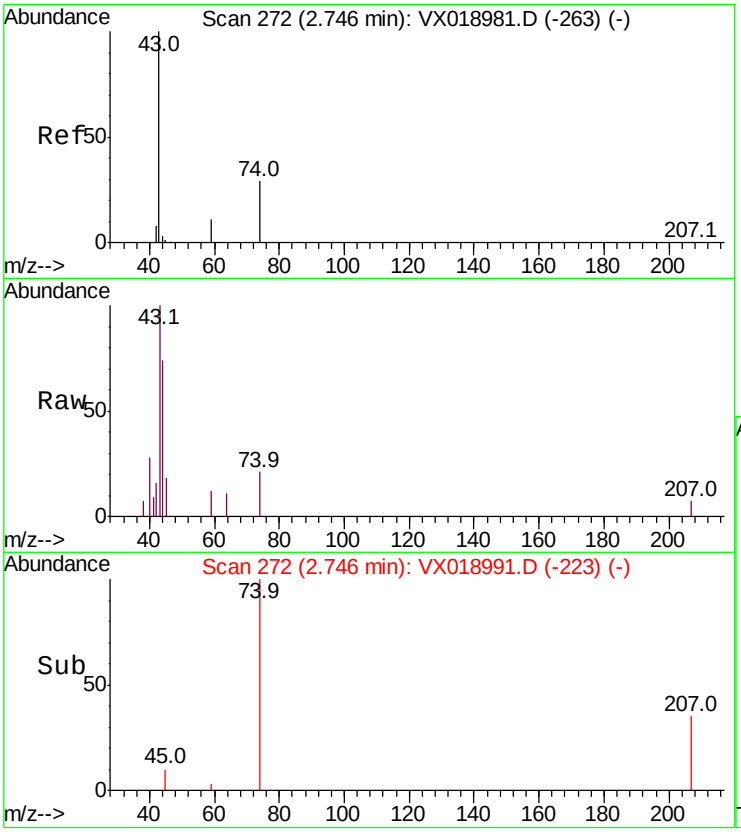


#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 76 Resp: 1058

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.6	11.4



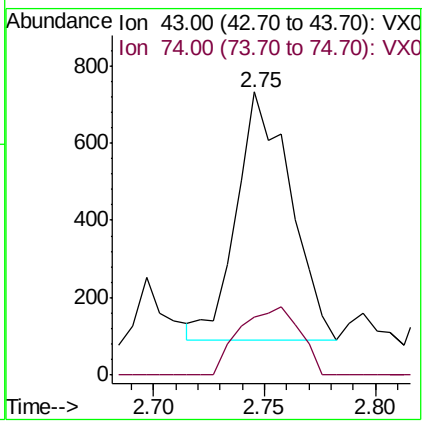


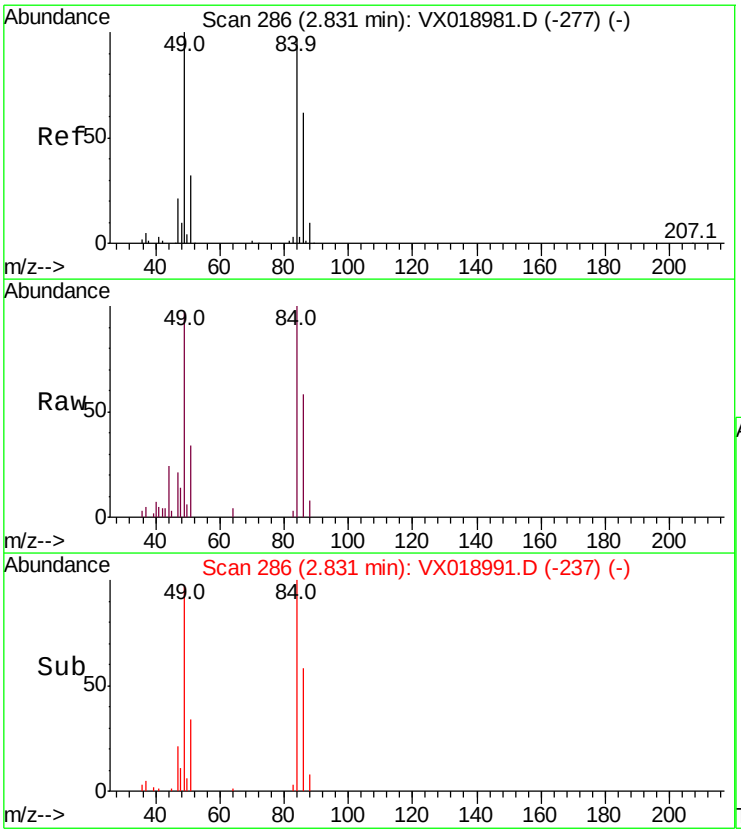
#18
Methyl Acetate
Concen: 0.572 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion: 43 Resp: 1087

Ion	Ratio	Lower	Upper
43	100		
74	30.5	24.1	36.1

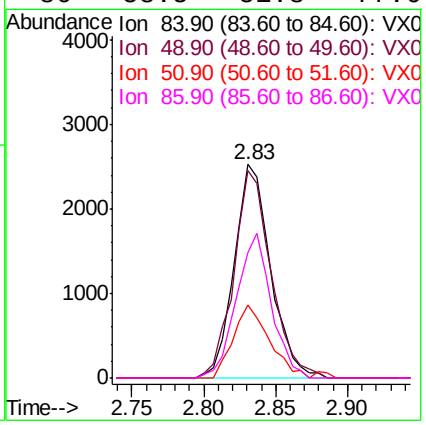


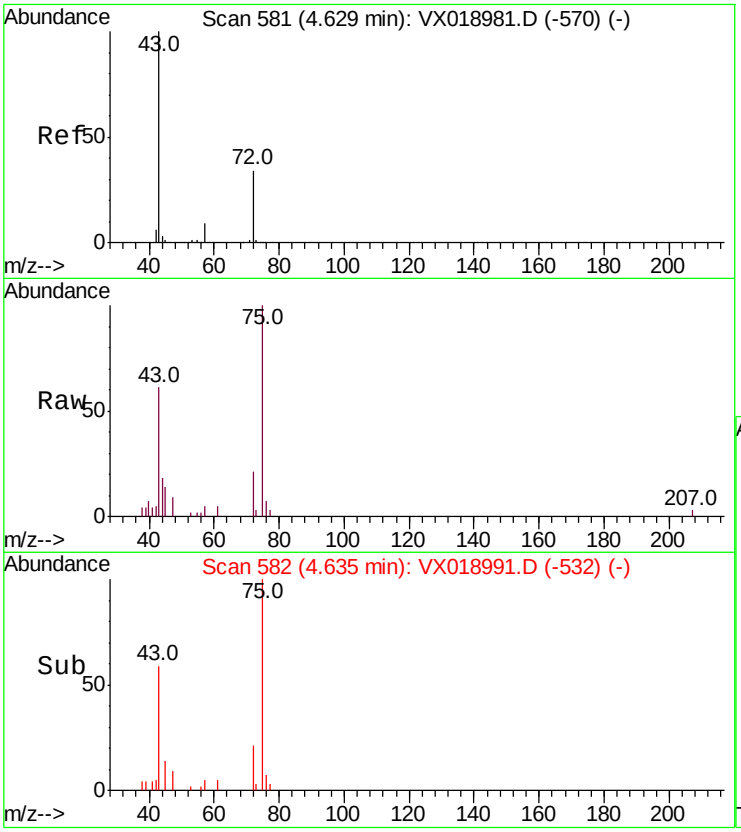


#20
Methylene Chloride
Concen: 2.189 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 84 Resp: 4437

Ion	Ratio	Lower	Upper
84	100		
49	96.8	82.9	124.3
51	34.2	26.4	39.6
86	58.5	51.8	77.6



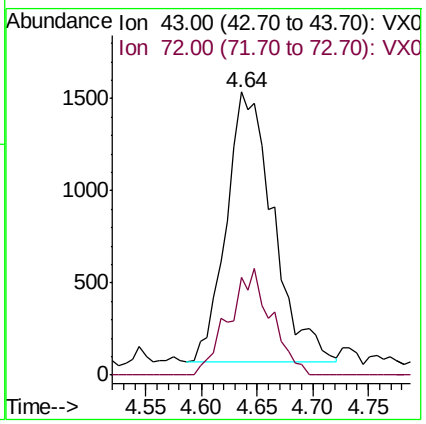


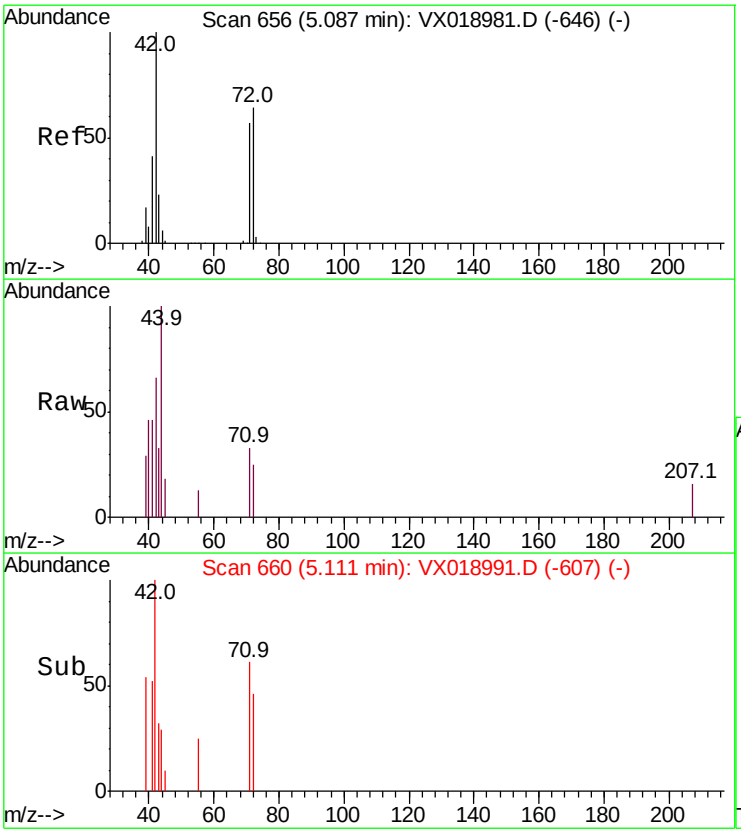
#25
2-Butanone
Concen: 3.379 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion: 43 Resp: 4281

Ion	Ratio	Lower	Upper
43	100		
72	36.1	27.3	40.9

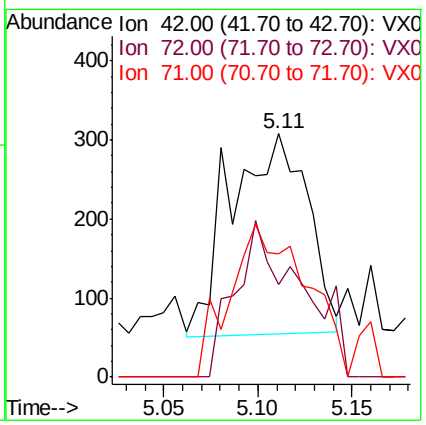


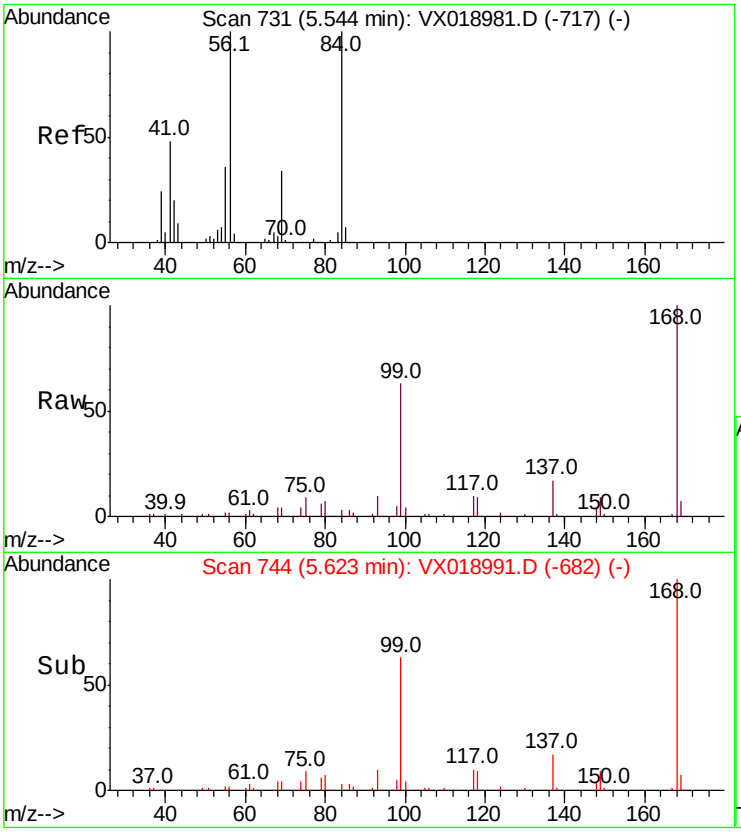


#29
Tetrahydrofuran
Concen: 0.964 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 42 Resp: 720

Ion	Ratio	Lower	Upper
42	100		
72	67.2	49.2	73.8
71	75.7	45.3	67.9#



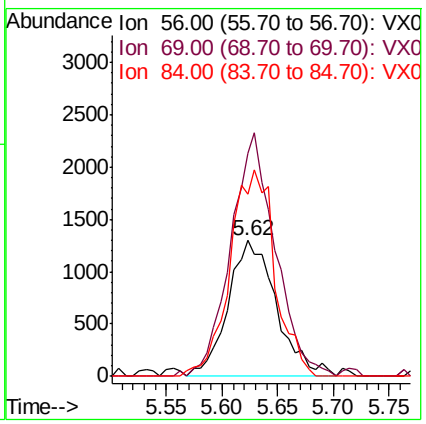


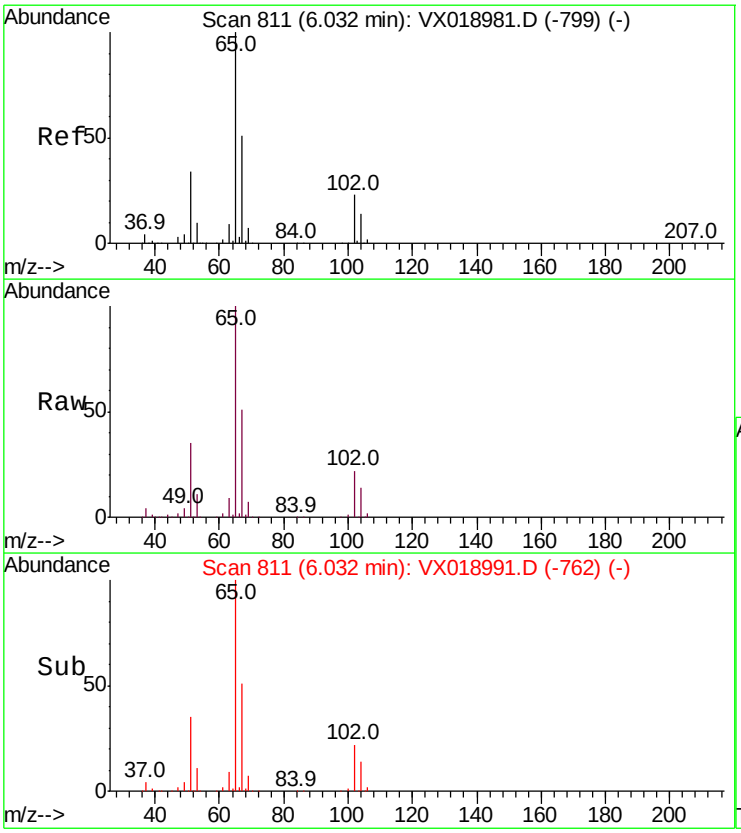
#31
Cyclohexane
Concen: 1.491 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument : MSVOA_X
ClientSampleId : EO-03-101920

Tgt Ion: 56 Resp: 3927

Ion	Ratio	Lower	Upper
56	100		
69	164.6	27.1	40.7#
84	134.3	80.4	120.6#

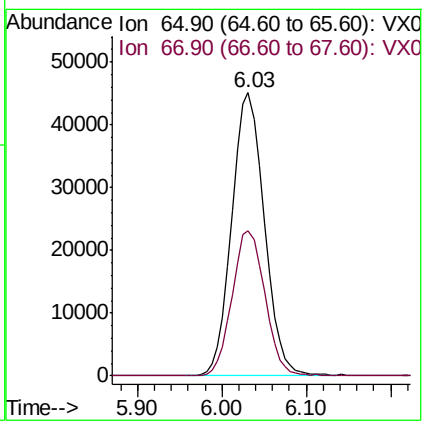


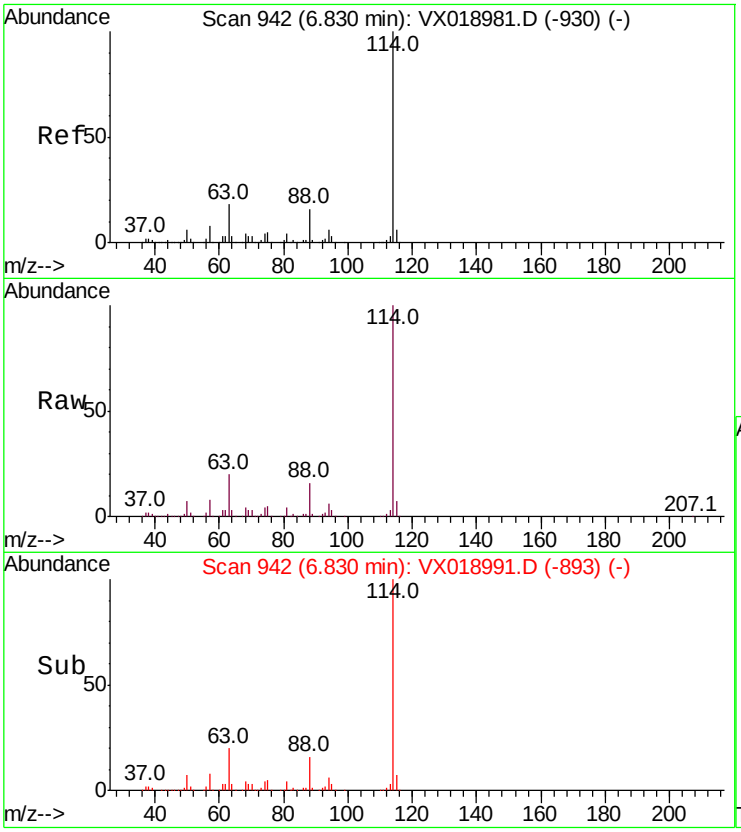


#33
1,2-Dichloroethane-d4
Concen: 52.415 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 65 Resp: 118073

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.4



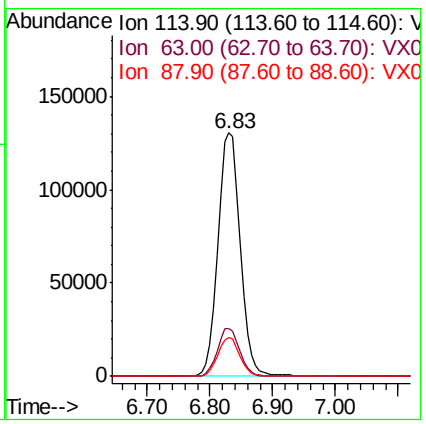


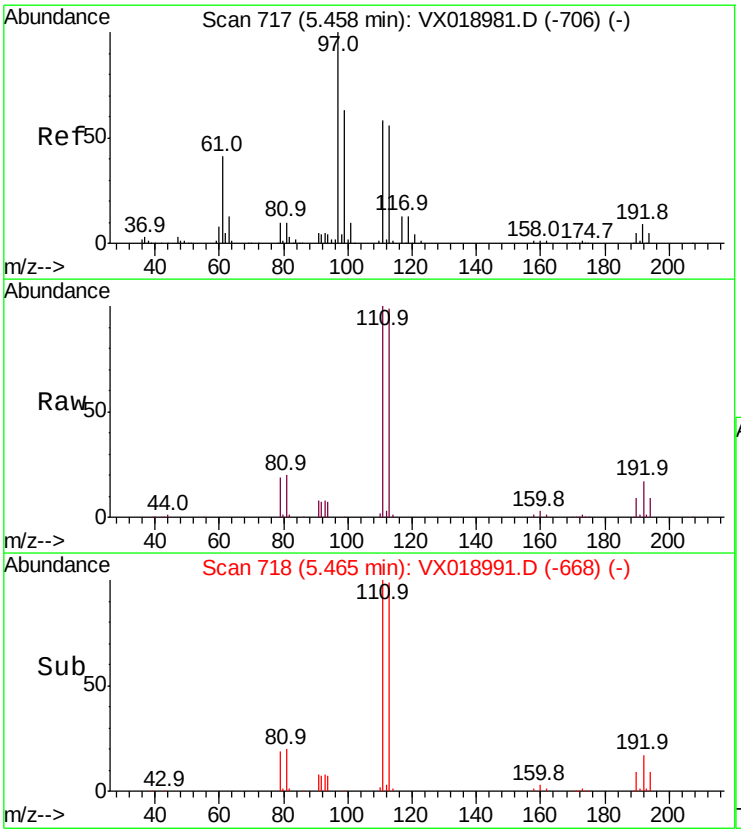
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument : MSVOA_X
ClientSampleId : EO-03-101920

Tgt Ion:114 Resp: 321364

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	36.8
88	16.2	0.0	31.8

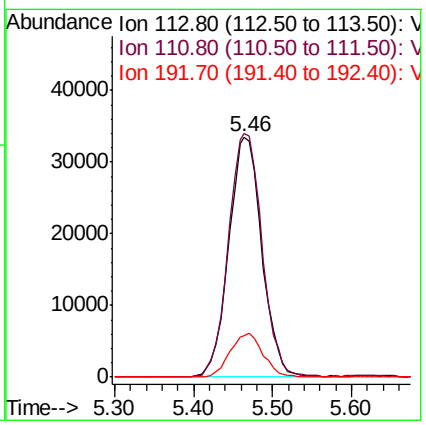


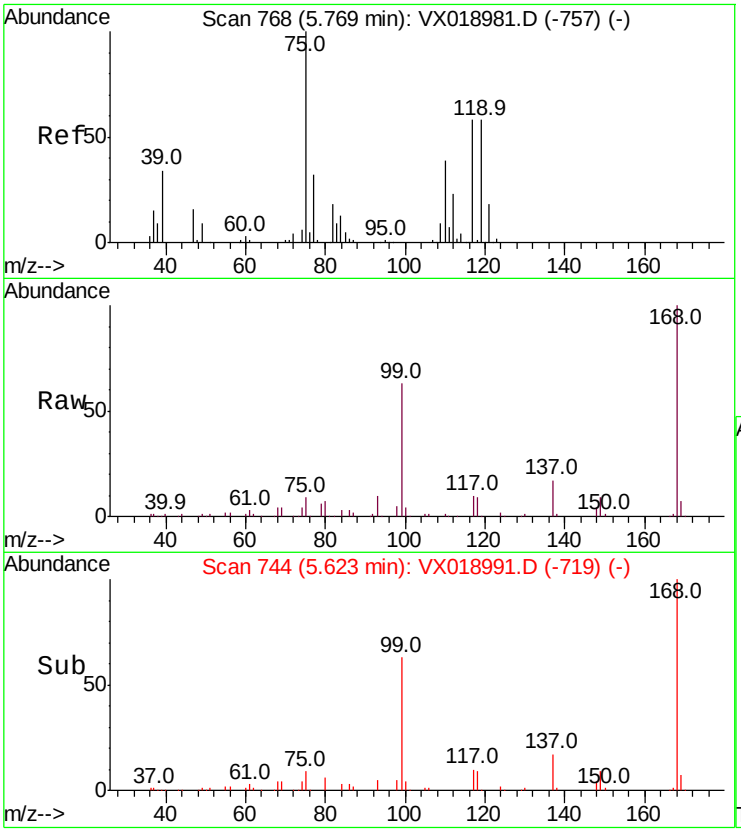


#35
Dibromofluoromethane
Concen: 48.099 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion:113 Resp: 97692

Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.1	126.1
192	18.1	14.7	22.1



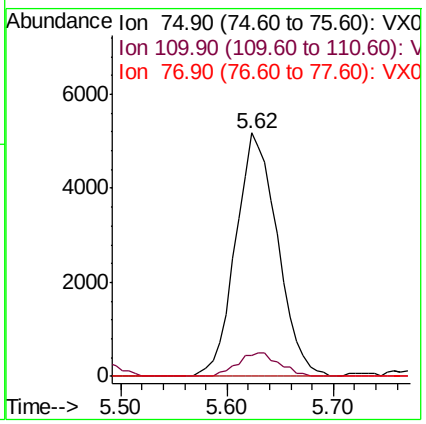


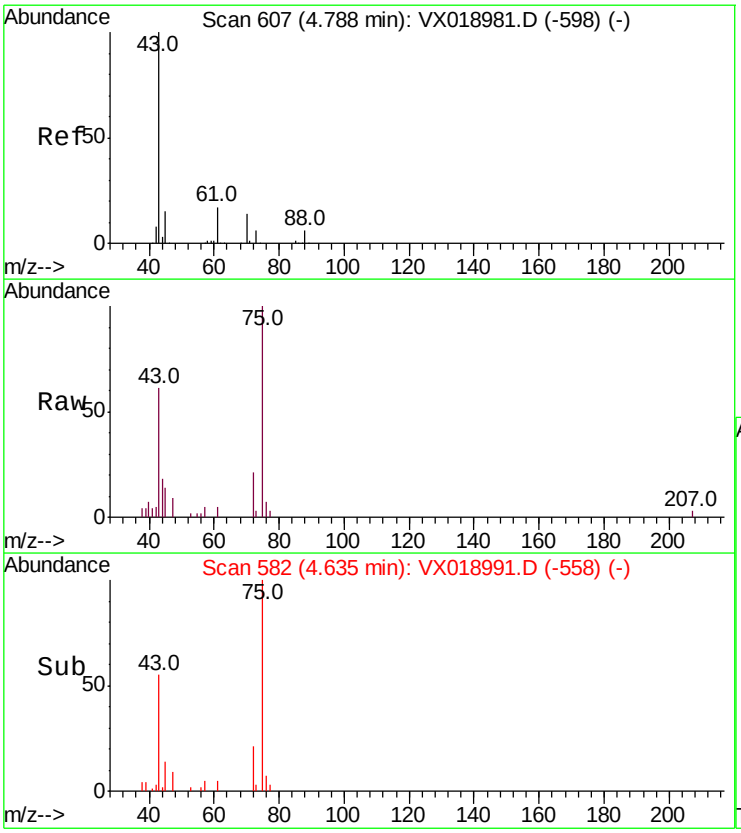
#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.15 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion: 75 Resp: 14270

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.6	55.6#
77	0.0	25.0	37.4#

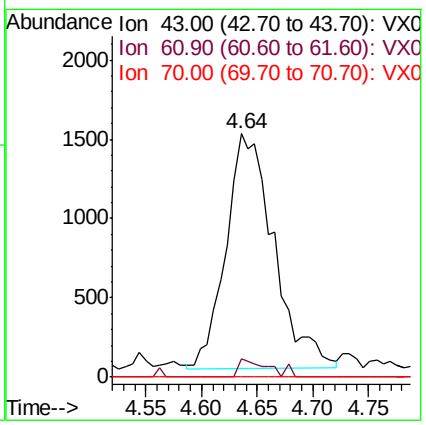


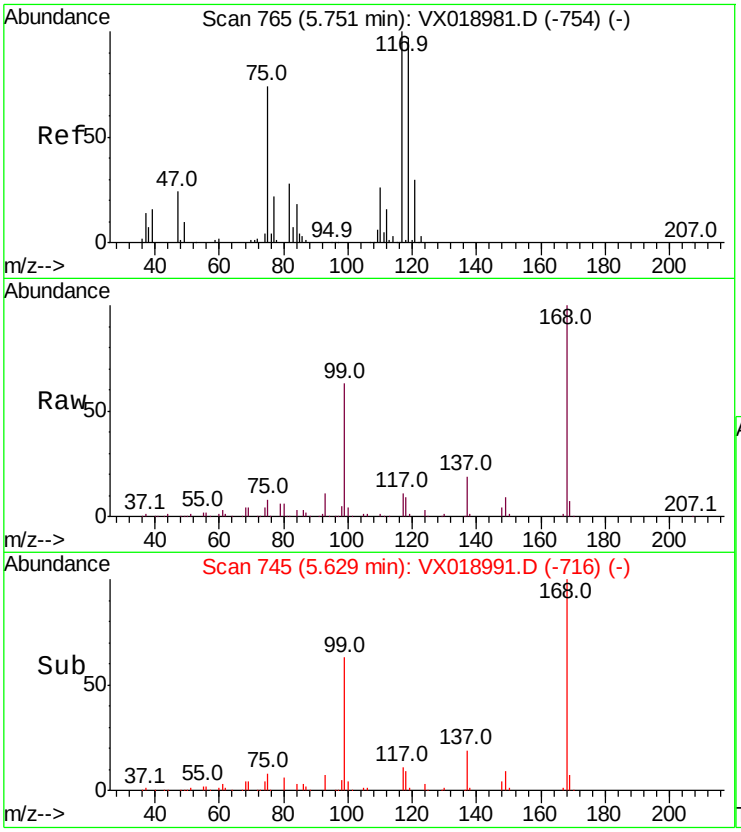


#37
Ethyl Acetate
Concen: 1.692 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 43 Resp: 4393

Ion	Ratio	Lower	Upper
43	100		
61	4.2	13.5	20.3#
70	0.0	11.4	17.2#



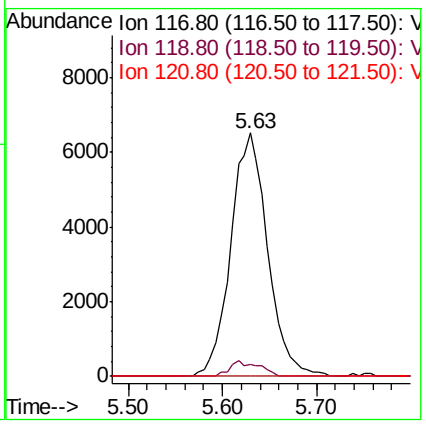


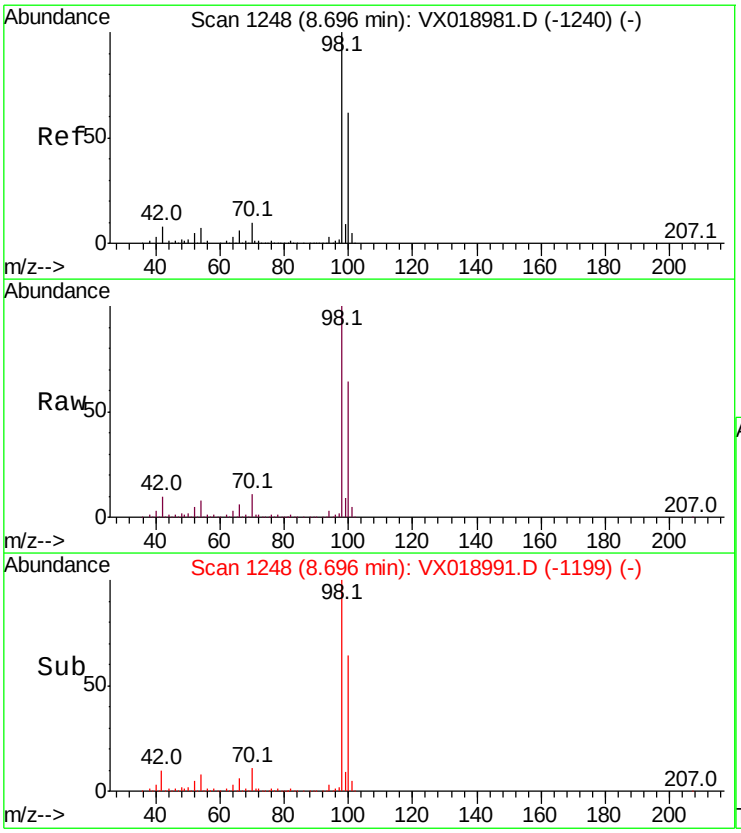
#38
Carbon Tetrachloride
Concen: 5.873 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion:117 Resp: 17750

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.6	116.4#
121	0.0	23.9	35.9#

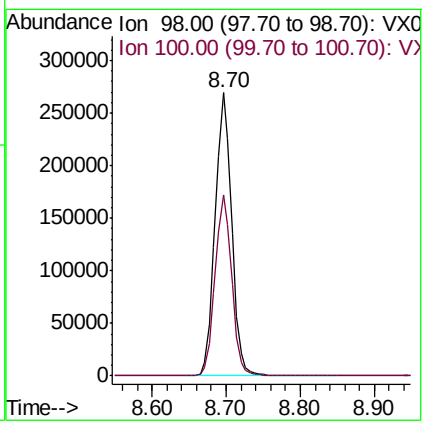


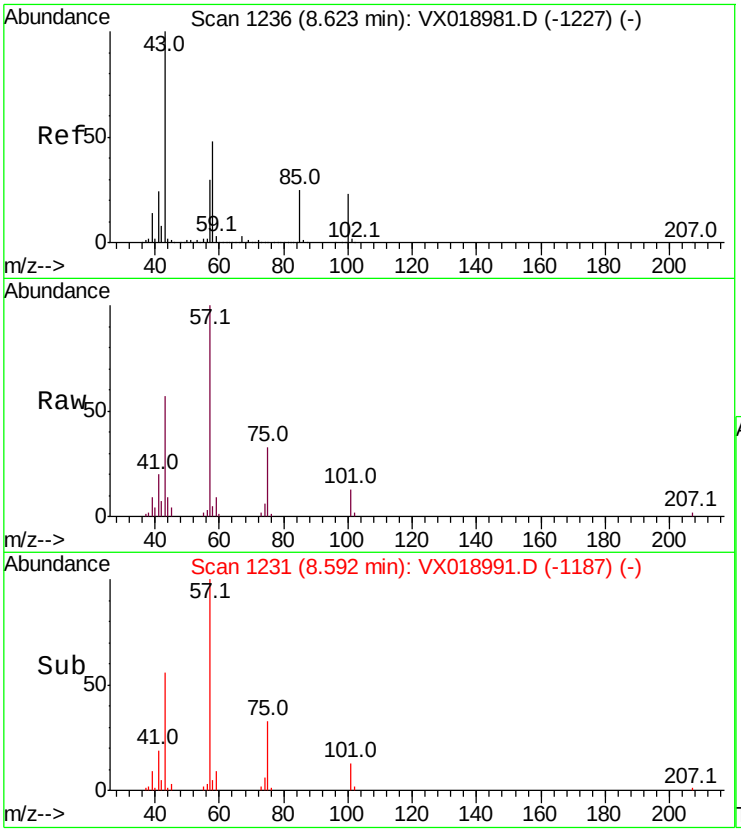


#50
Toluene-d8
Concen: 50.998 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 98 Resp: 412743

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.6	78.8



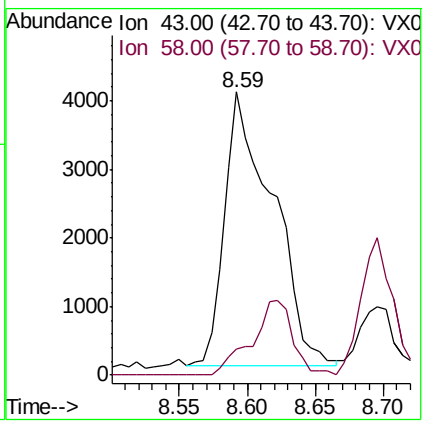


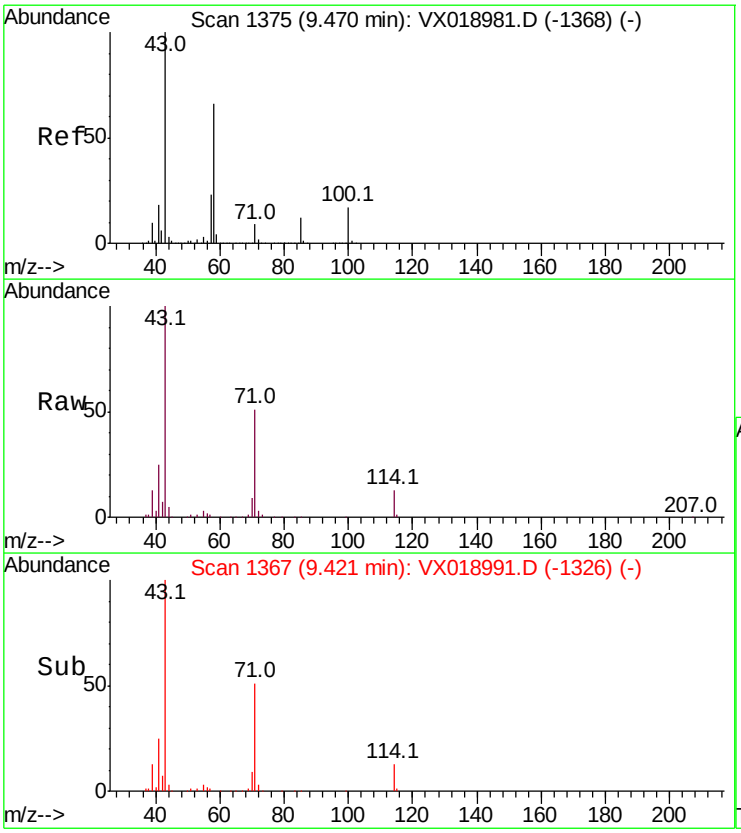
#51
4-Methyl-2-Pentanone
Concen: 3.629 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion: 43 Resp: 9804

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.8	56.8#

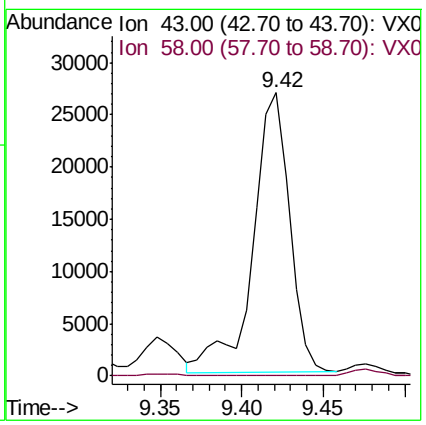


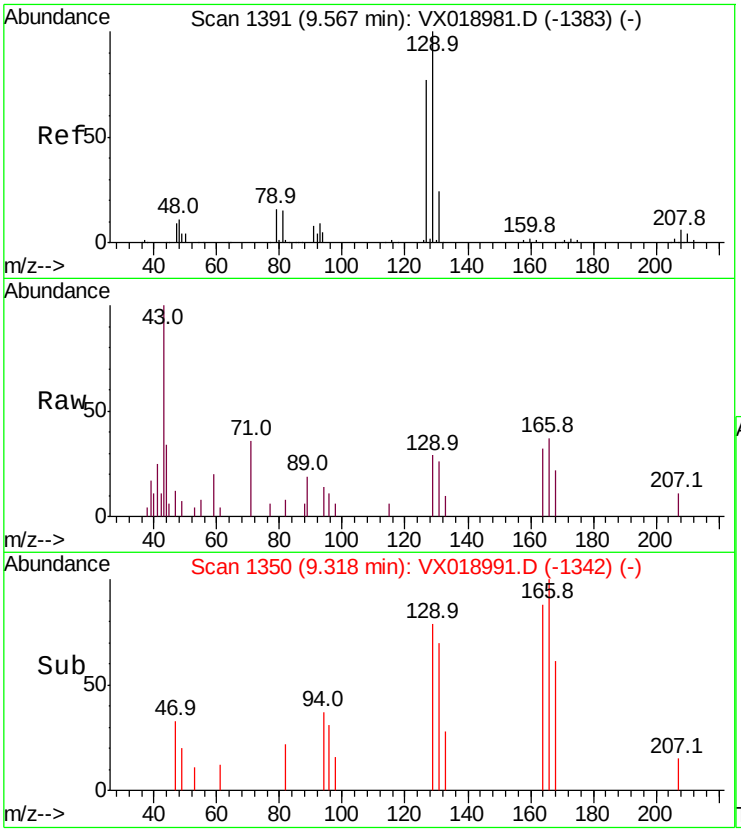


#59
2-Hexanone
Concen: 20.095 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 43 Resp: 42156

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.0	99.0#



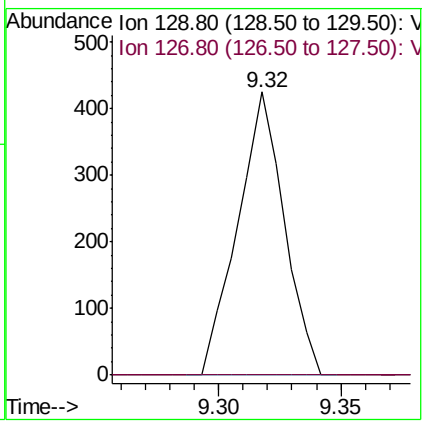


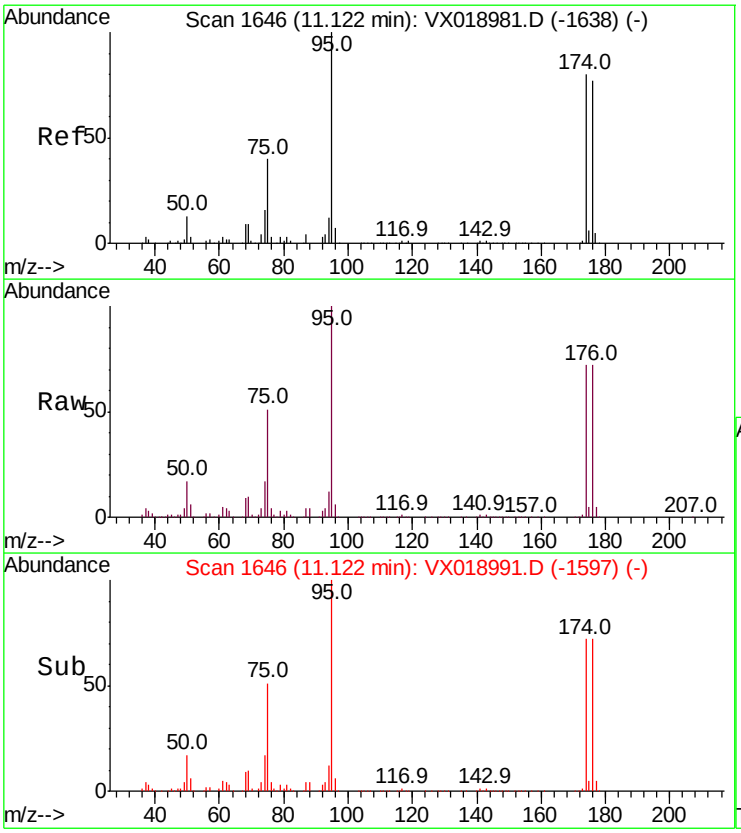
#60
Dibromochloromethane
Concen: 0.214 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion:129 Resp: 561

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.8	116.4#

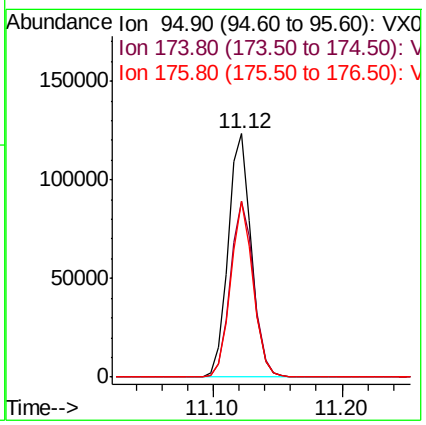


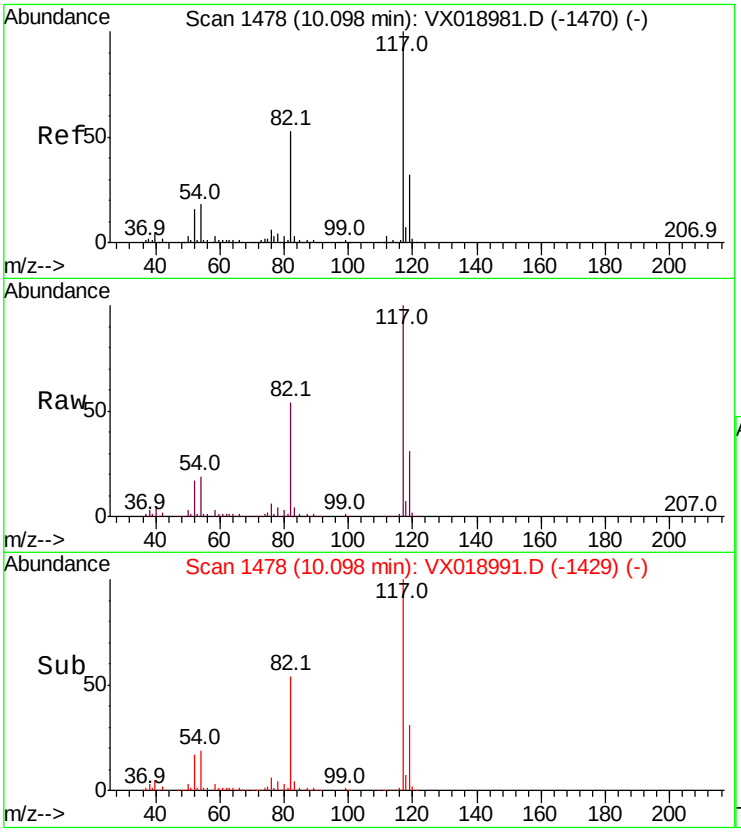


#62
4-Bromofluorobenzene
Concen: 49.206 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 95 Resp: 155551

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	159.8
176	69.9	0.0	152.8



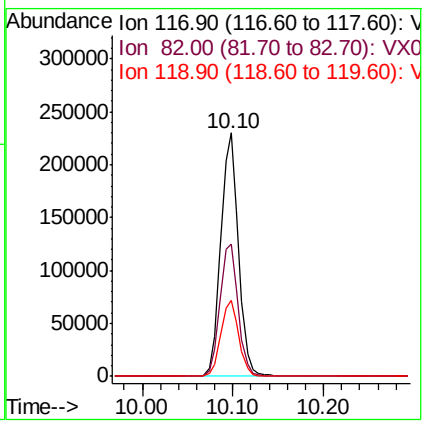


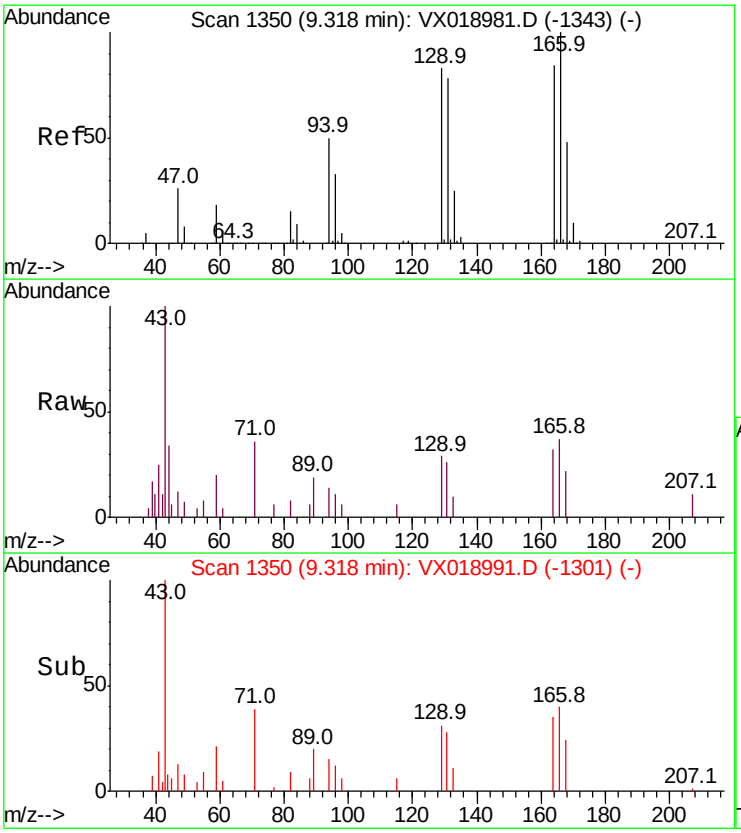
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion:117 Resp: 315187

Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.4
119	31.0	25.8	38.8

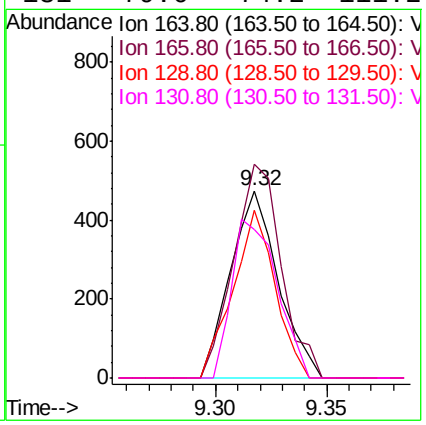


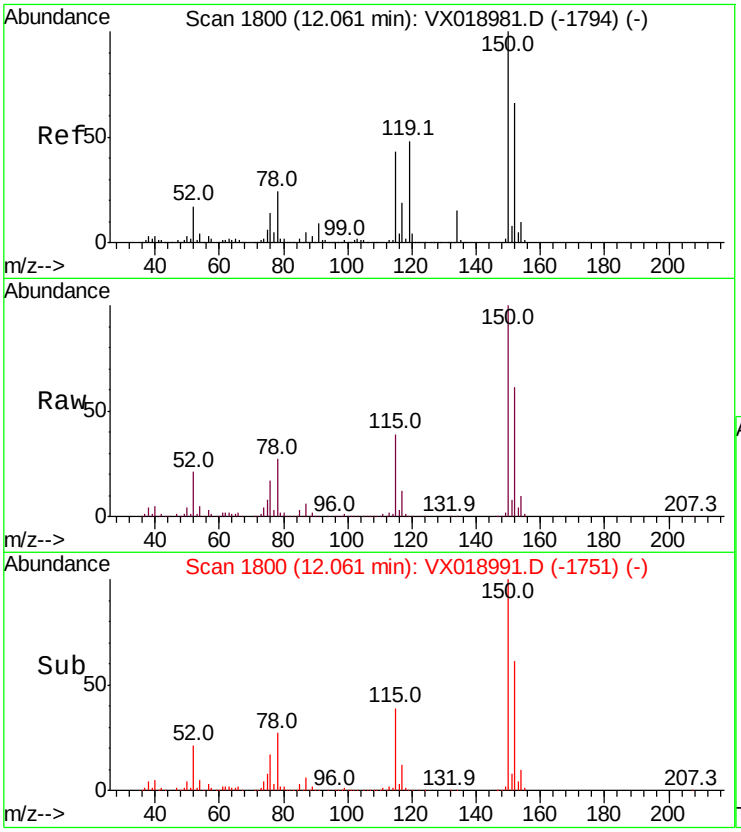


#64
Tetrachloroethene
Concen: 0.319 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion:164 Resp: 708

Ion	Ratio	Lower	Upper
164	100		
166	113.9	95.2	142.8
129	89.5	79.4	119.0
131	79.6	74.2	111.2



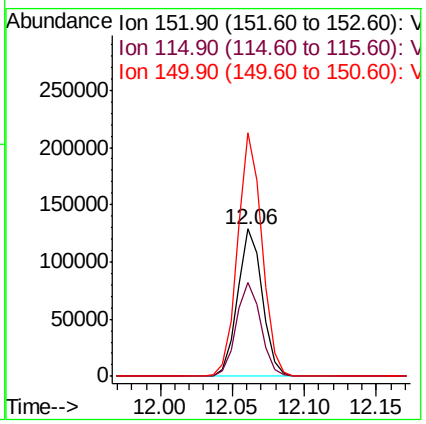


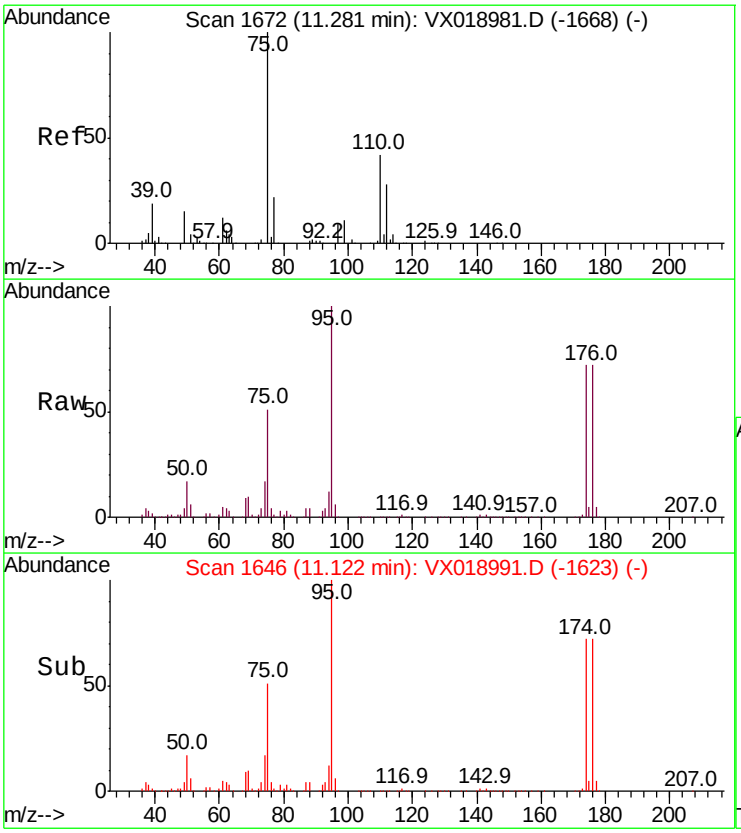
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion:152 Resp: 153689

Ion	Ratio	Lower	Upper
152	100		
115	63.2	41.2	123.6
150	162.2	0.0	345.6

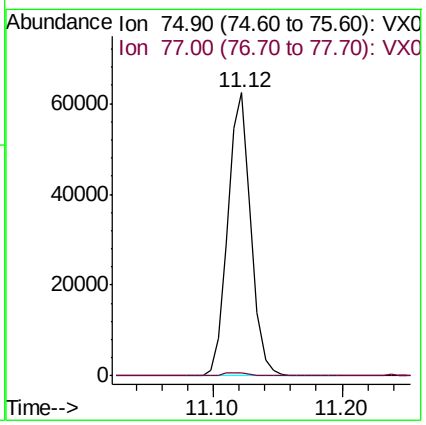


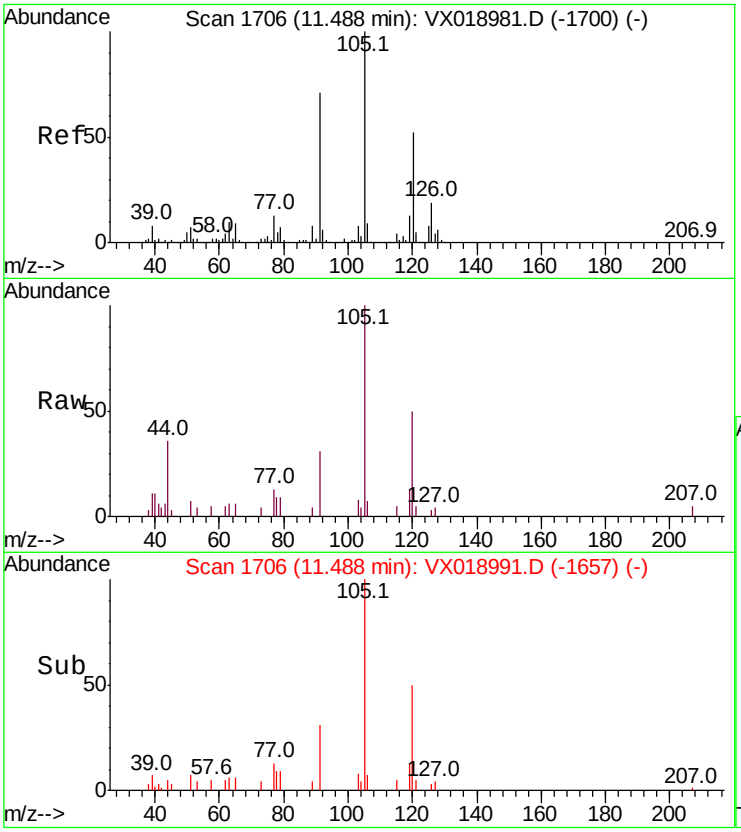


#76
1,2,3-Trichloropropane
Concen: 24.769 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 75 Resp: 78240

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.6	61.9#



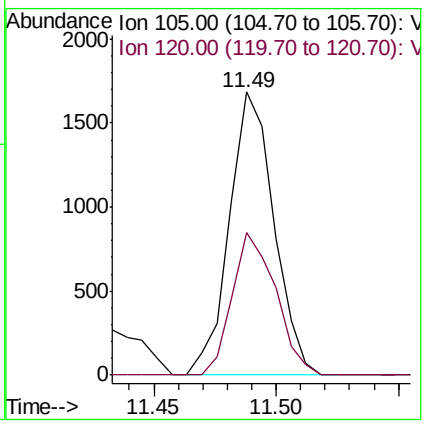


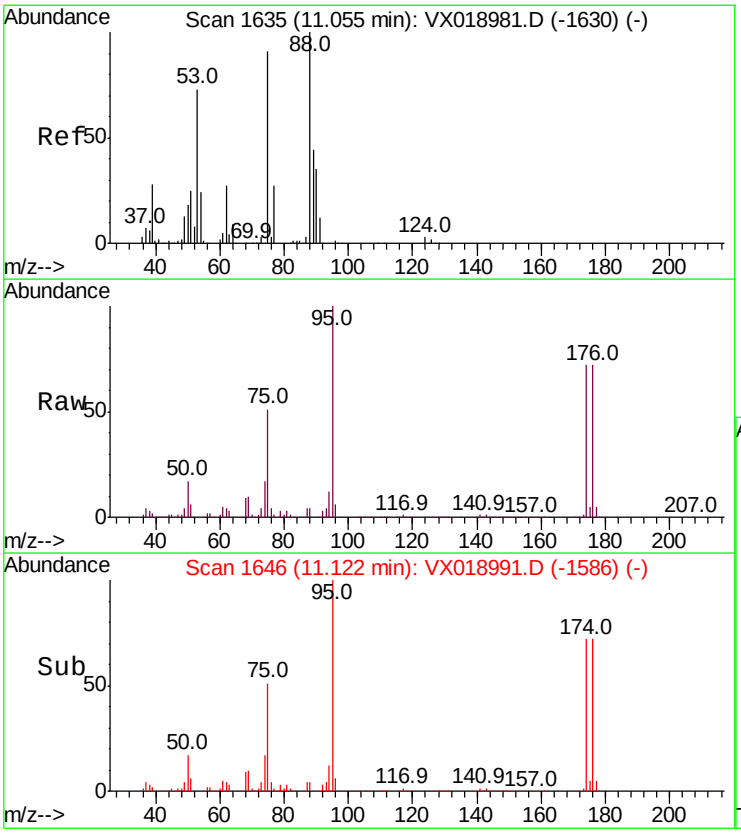
#80
1,3,5-Trimethylbenzene
Concen: 0.240 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument : MSVOA_X
ClientSampleId : EO-03-101920

Tgt Ion:105 Resp: 2139

Ion	Ratio	Lower	Upper
105	100		
120	48.9	25.3	75.8

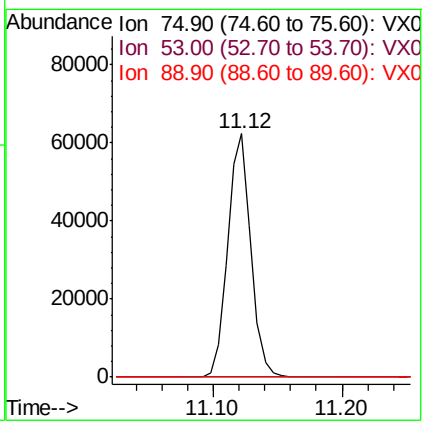


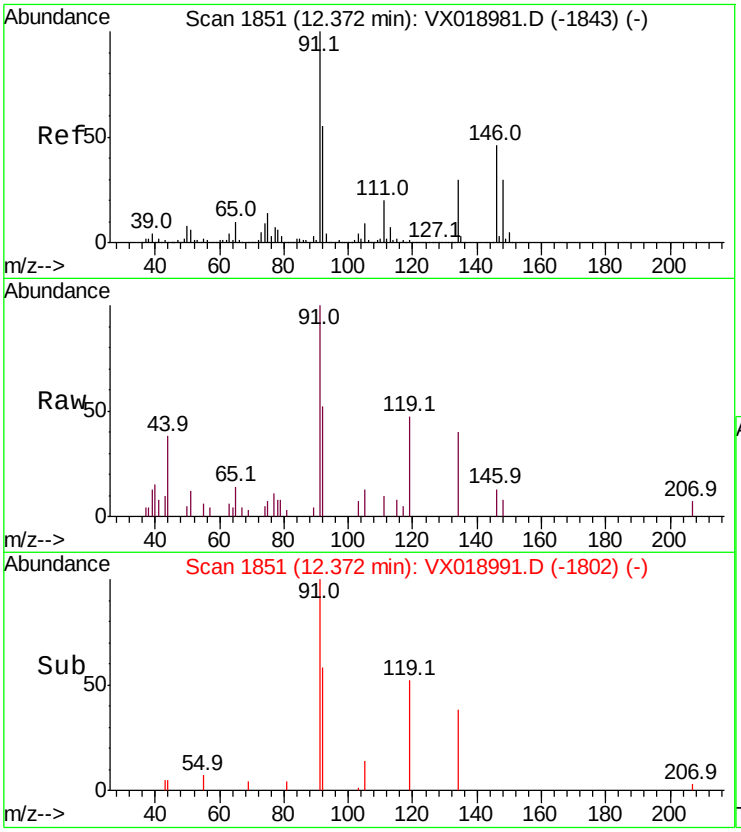


#81
trans-1,4-Dichloro-2-butene
Concen: 65.336 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 75 Resp: 78240

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.9	95.9#
89	0.0	39.9	59.9#



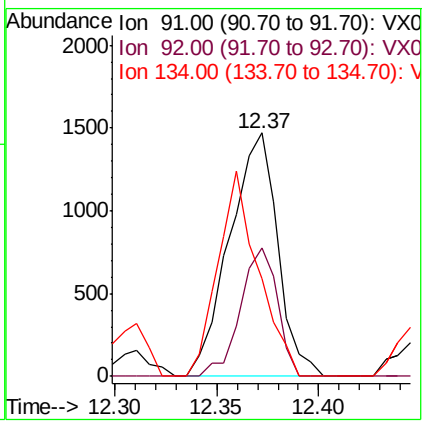


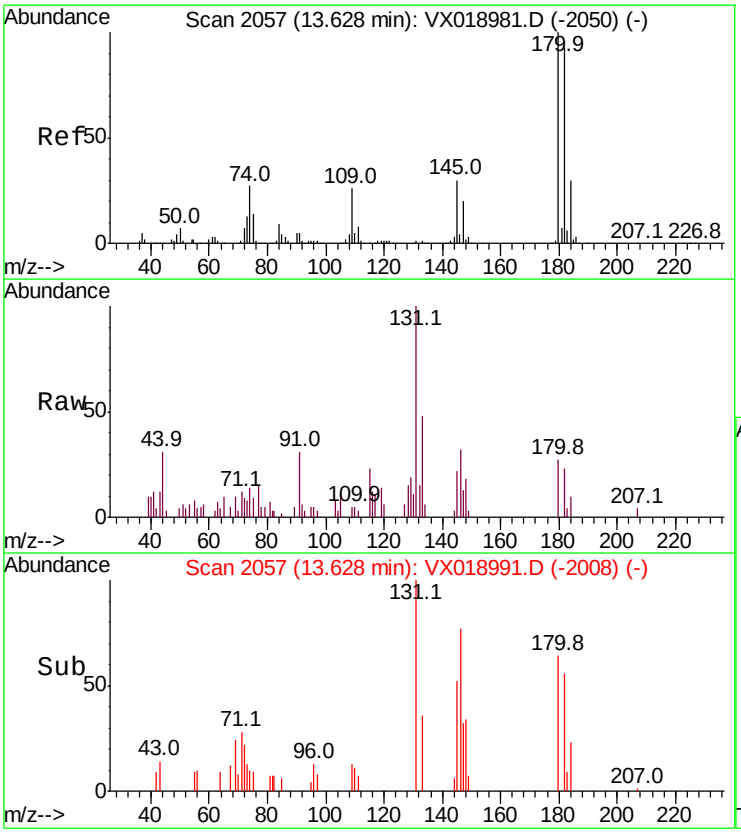
#89
n-Butylbenzene
Concen: 0.264 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion: 91 Resp: 2412

Ion	Ratio	Lower	Upper
91	100		
92	40.4	27.2	81.6
134	70.2	14.2	42.8#

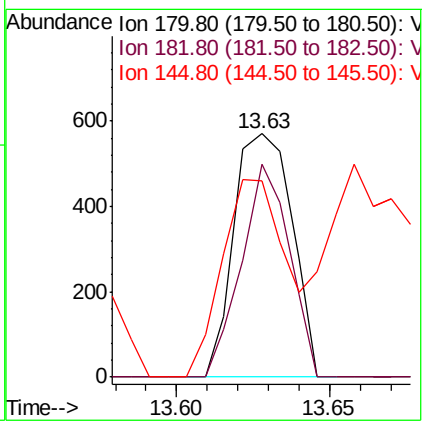


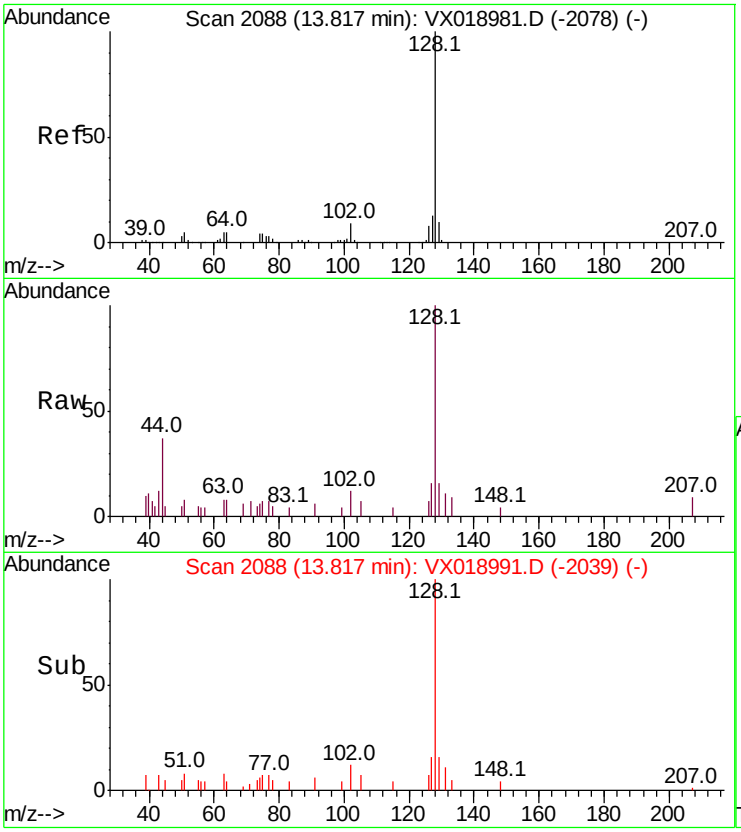


#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Tgt Ion:180 Resp: 752

Ion	Ratio	Lower	Upper
180	100		
182	72.3	46.6	139.7
145	88.8	15.7	47.1#





#95
Naphthalene
Concen: 0.209 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018991.D
Acq: 20 Oct 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
EO-03-101920

Tgt Ion:128 Resp: 2377

Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.3	15.5#
129	20.3	8.6	12.8#