Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102220\
Data File : VX019055.D
Acq On : 23 Oct 2020 02:49
Operator : JC/SP
Sample : L4417-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-10D

Quant Time: Oct 23 08:39:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	296457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	506759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	485133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	246081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	177665	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
35) Dibromofluoromethane	5.47	113	157464	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.16%			
50) Toluene-d8	8.70	98	622617	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.70%			
62) 4-Bromofluorobenzene	11.12	95	227105	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.30%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	212	Below Cal	#	73
6) Chloroethane	1.72	64	45	1.288	ug/l #	43
10) Methyl Iodide	2.50	142	70	4.786	ug/l #	41
11) Tert butyl alcohol	3.01	59	14591	20.288	ug/l	99
13) Acrolein	2.27	56	51	13.803	ug/l #	16
15) Acrylonitrile	3.16	53	476	0.342	ug/l #	30
16) Acetone	2.42	43	4162	3.441	ug/l	97
17) Carbon Disulfide	2.55	76	4116	0.495	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	32175	3.520	ug/l #	90
20) Methylene Chloride	2.83	84	936	0.278	ug/l #	84
25) 2-Butanone	4.66	43	635	0.332	ug/l #	87
36) 1,1-Dichloropropene	5.63	75	21027	4.624	ug/l #	48
38) Carbon Tetrachloride	5.63	117	28521	5.976	ug/l #	18
67) Ethyl Benzene	10.24	91	13611	0.776	ug/l	99
68) m/p-Xylenes	10.34	106	10554	1.571	ug/l	96
73) Isopropylbenzene	11.00	105	9609	0.543	ug/l	98
76) 1,2,3-Trichloropropane	11.12	75	112474	22.868	ug/l #	36
78) n-propylbenzene	11.34	91	16984	0.847	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	11918	0.815	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	112474	58.262	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.79	105	42814	2.925	ug/l	100
85) sec-Butylbenzene	11.79	105	42814	2.457	ug/l #	56
90) Hexachloroethane	12.57	117	638	0.262	ug/l #	12
95) Naphthalene	13.82	128	22431	1.274	ug/l	99

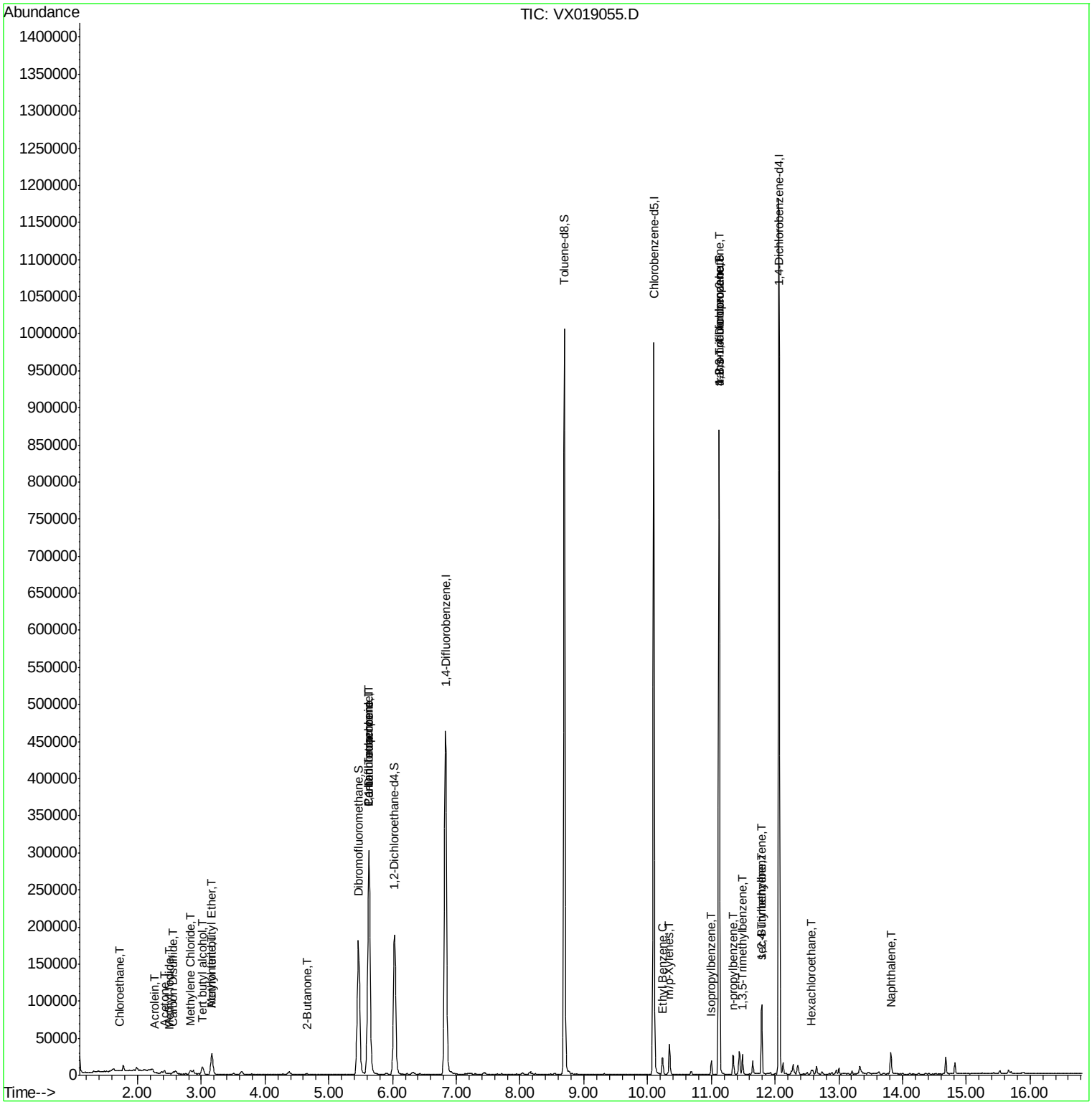
(#) = qualifier out of range (m) = manual integration (+) = signals summed

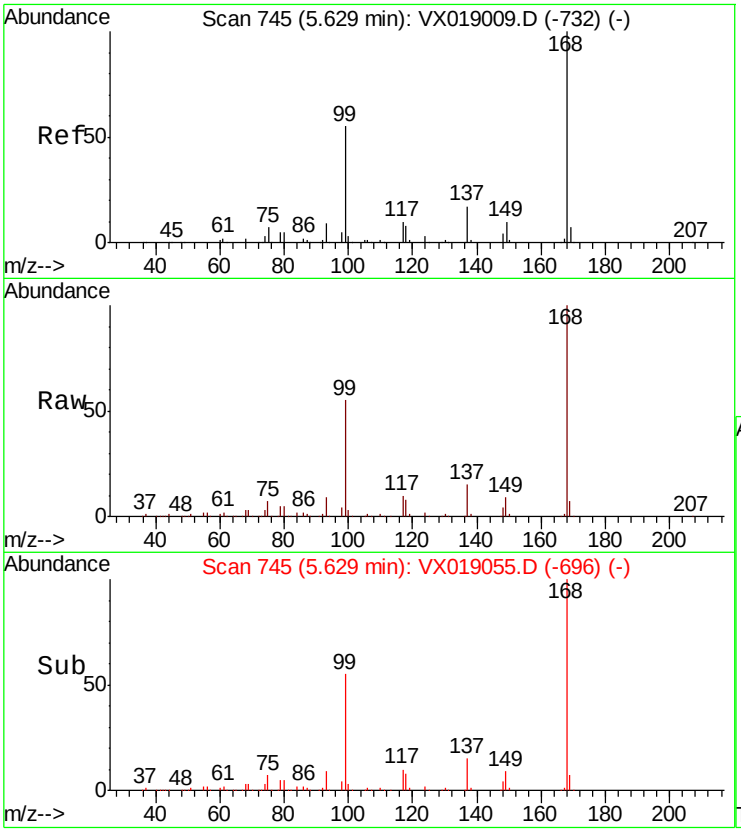
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102220\
Data File : VX019055.D
Acq On : 23 Oct 2020 02:49
Operator : JC/SP
Sample : L4417-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Quant Time: Oct 23 08:39:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration



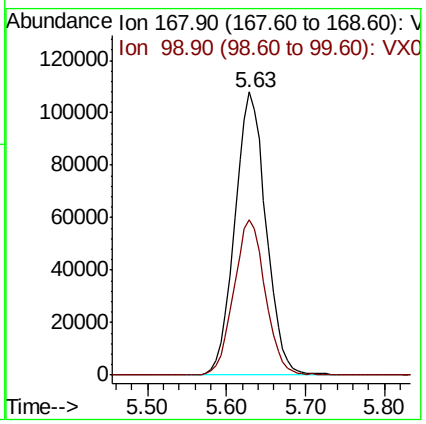


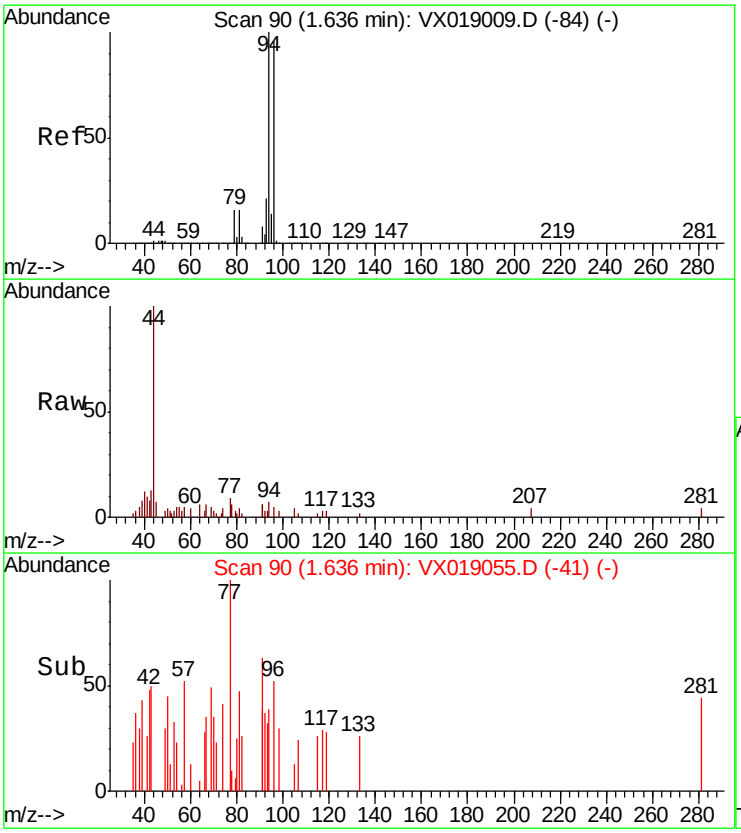
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion:168 Resp: 296457

Ion	Ratio	Lower	Upper
168	100		
99	54.7	44.2	66.2

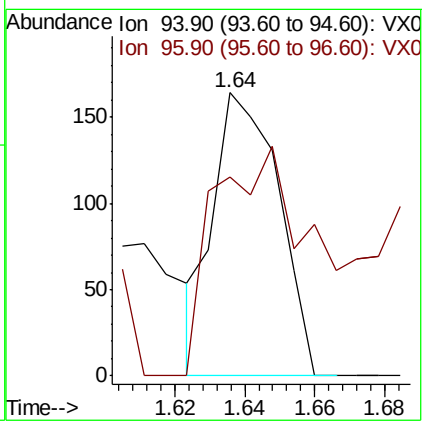


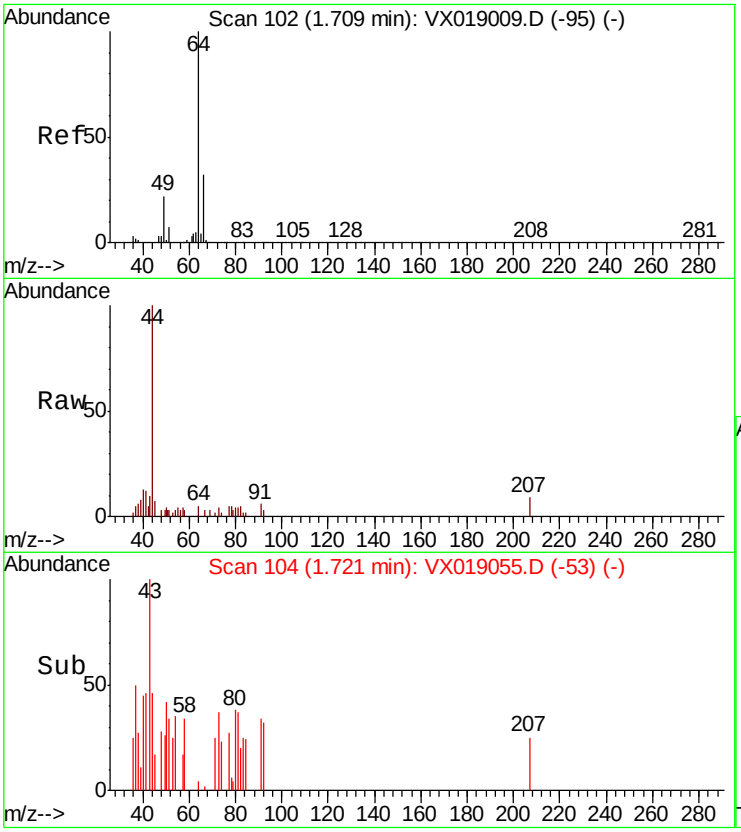


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 90
Delta R.T. 0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 94 Resp: 212

Ion	Ratio	Lower	Upper
94	100		
96	70.1	77.1	115.7#



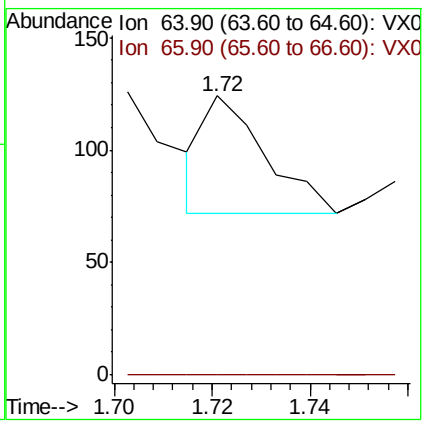


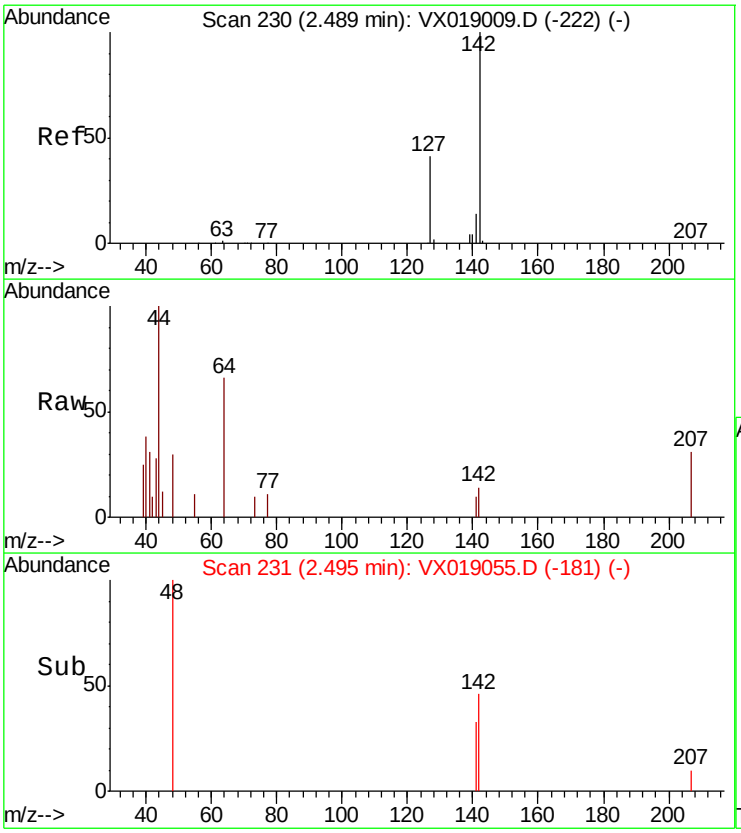
#6
Chloroethane
Concen: 1.288 ug/l
RT: 1.72 min Scan# 104
Delta R.T. 0.01 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion: 64 Resp: 45

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.7	38.5#

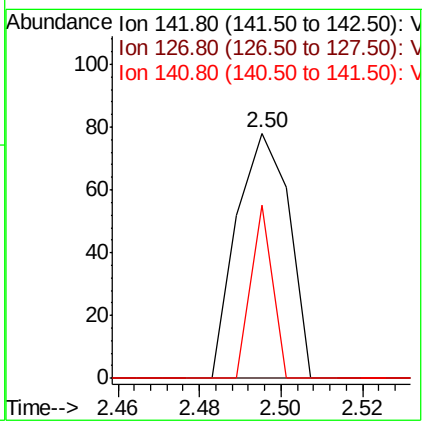


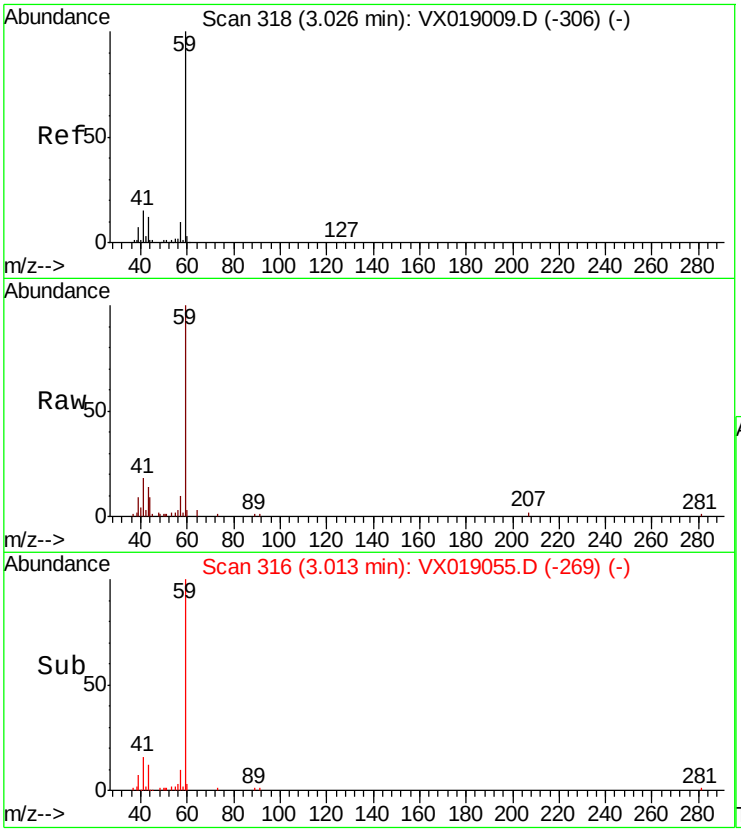


#10
Methyl Iodide
Concen: 4.786 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion:142 Resp: 70

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.6	50.4#
141	28.6	11.2	16.8#



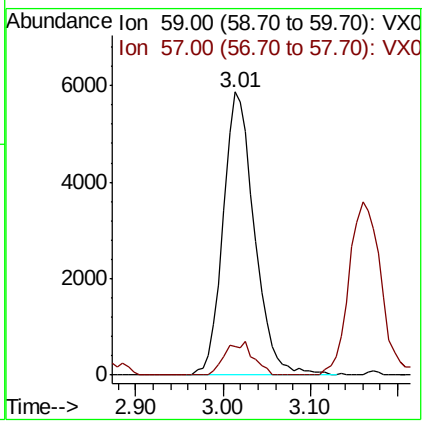


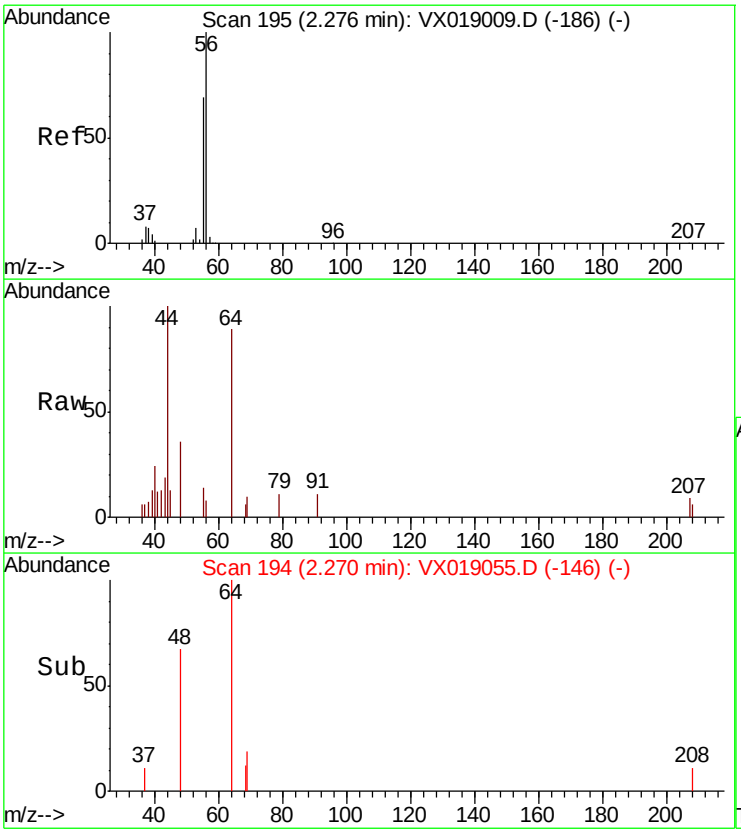
#11
Tert butyl alcohol
Concen: 20.288 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion: 59 Resp: 14591

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

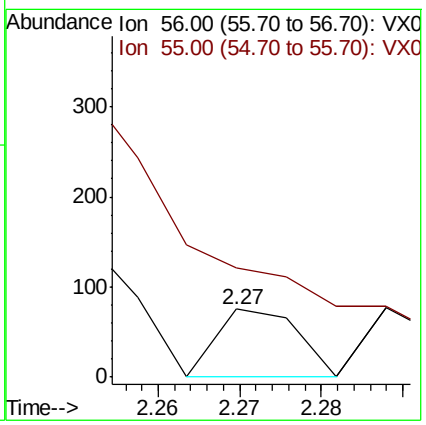


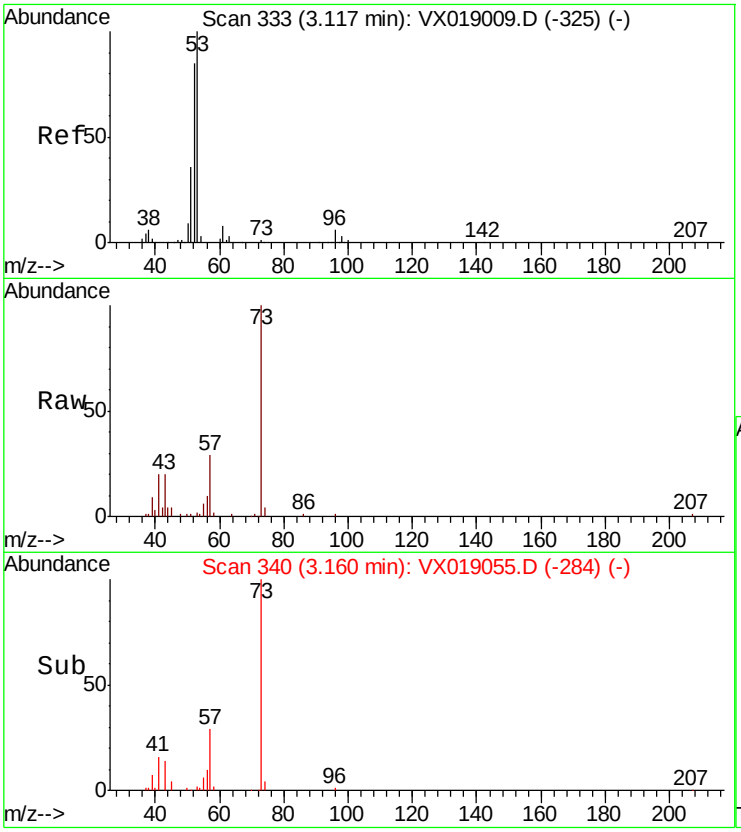


#13
Acrolein
Concen: 13.803 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 56 Resp: 51

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.2	81.4#



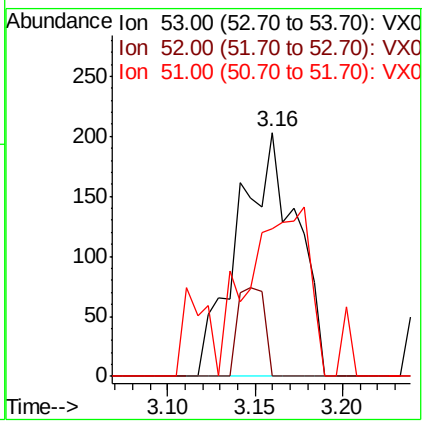


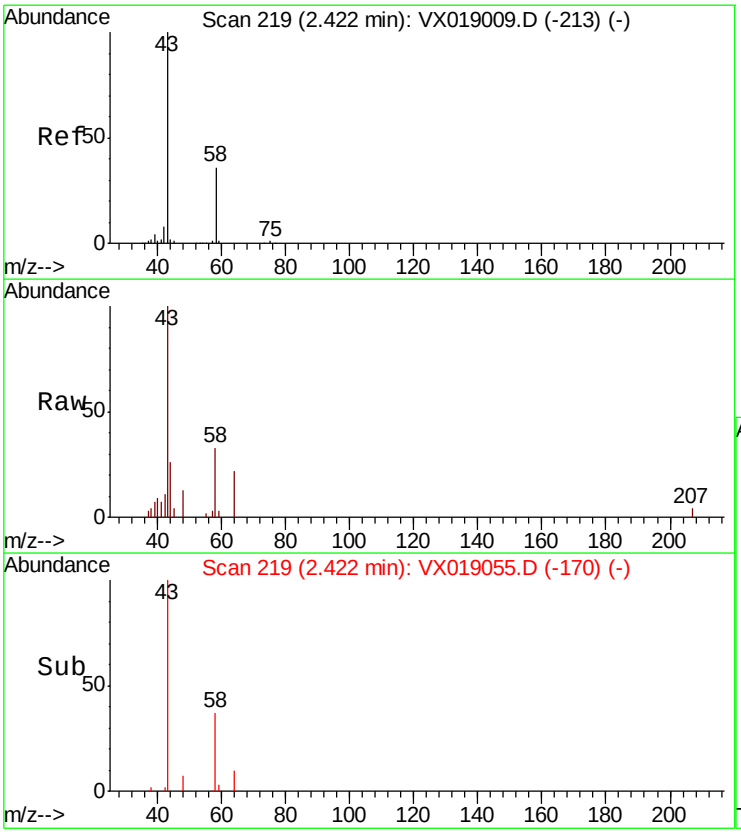
#15
Acrylonitrile
Concen: 0.342 ug/l
RT: 3.16 min Scan# 340
Delta R.T. 0.04 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion: 53 Resp: 476

Ion	Ratio	Lower	Upper
53	100		
52	16.6	65.9	98.9#
51	0.0	28.3	42.5#

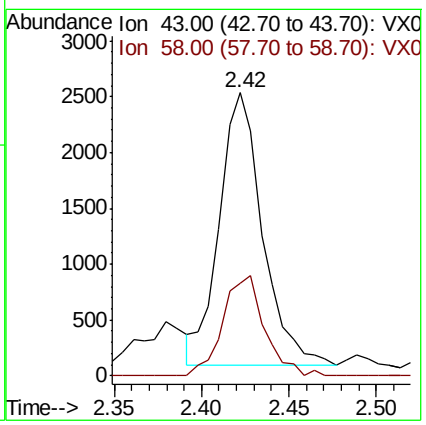


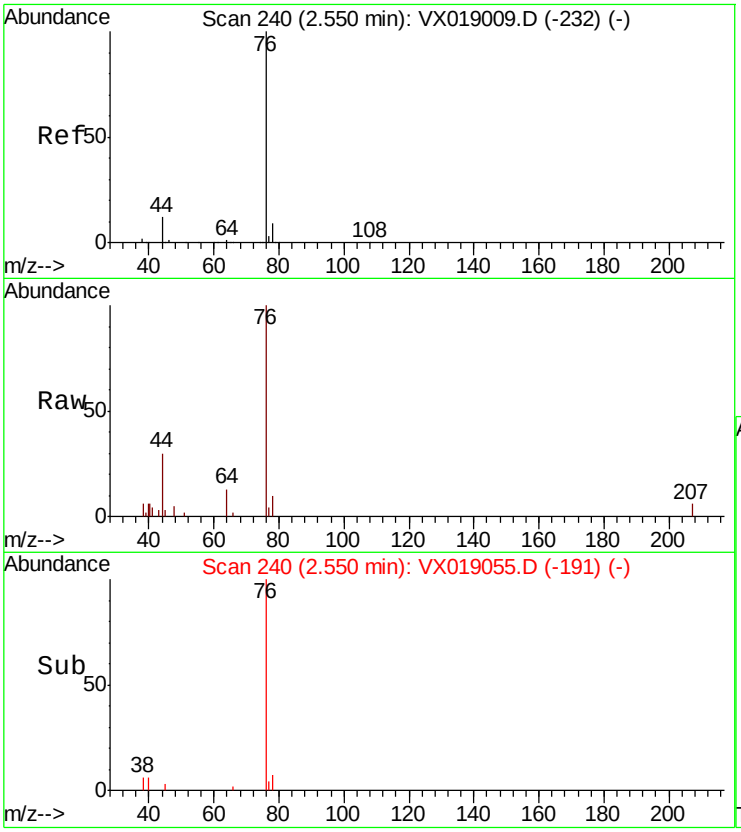


#16
Acetone
Concen: 3.441 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 43 Resp: 4162

Ion	Ratio	Lower	Upper
43	100		
58	34.0	28.6	42.8



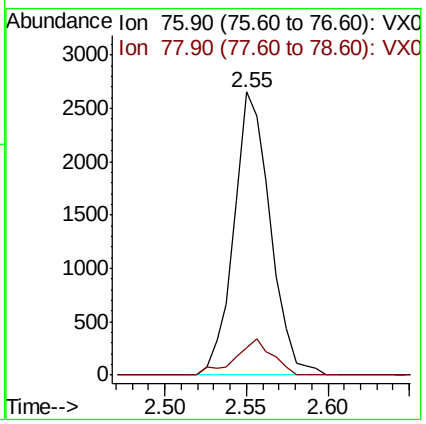


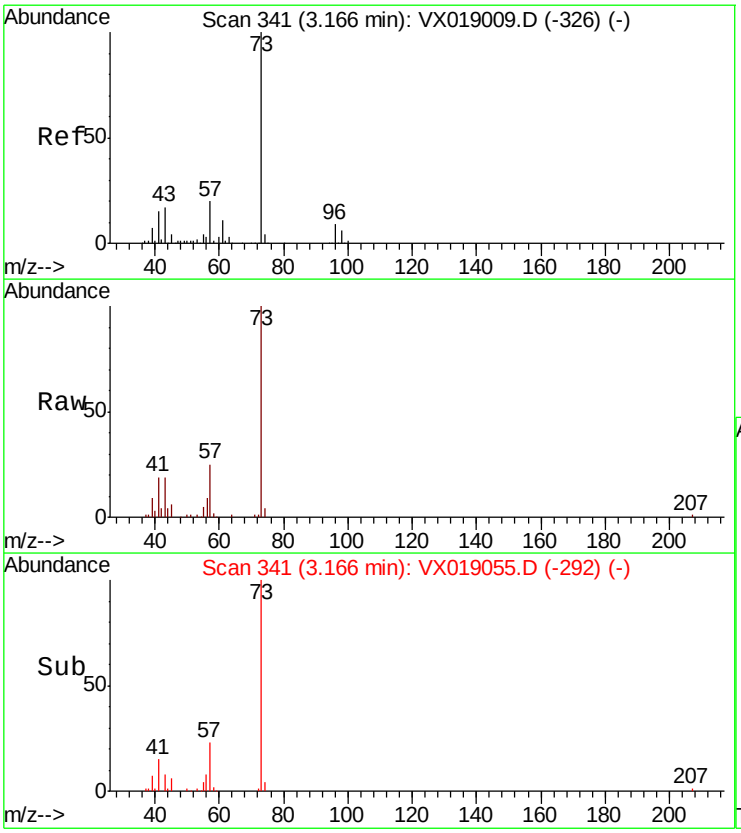
#17
Carbon Disulfide
Concen: 0.495 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion: 76 Resp: 4116

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.1	10.7

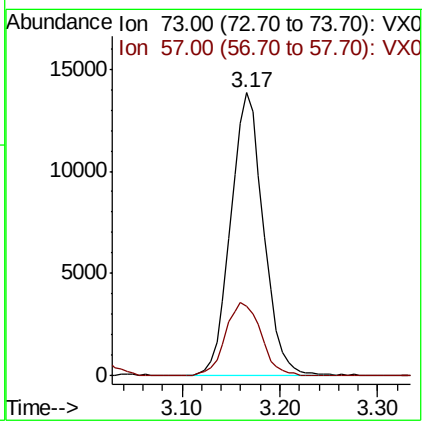


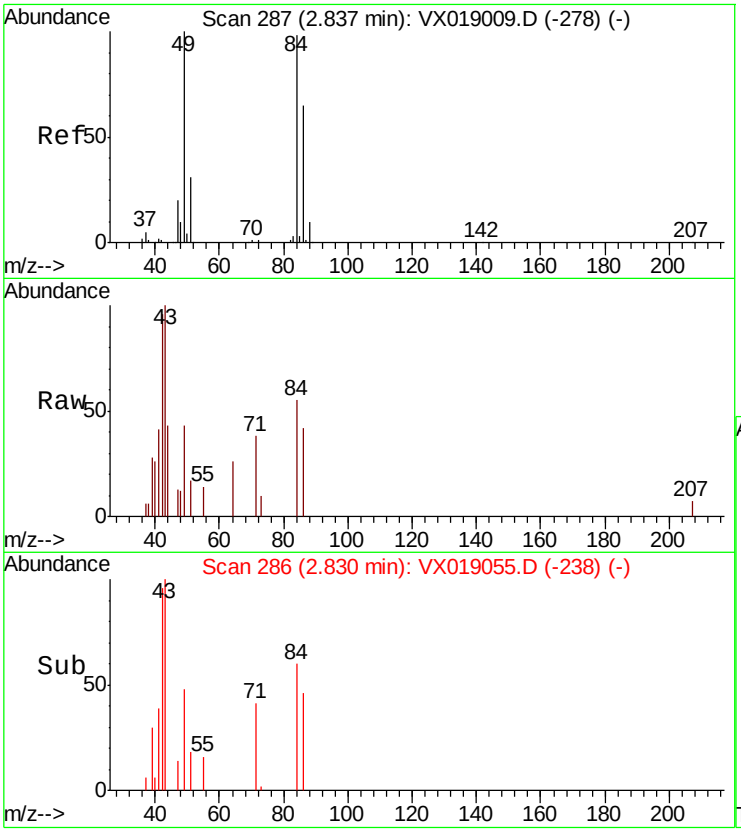


#19
Methyl tert-butyl Ether
Concen: 3.520 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 73 Resp: 32175

Ion	Ratio	Lower	Upper
73	100		
57	24.7	16.2	24.2#



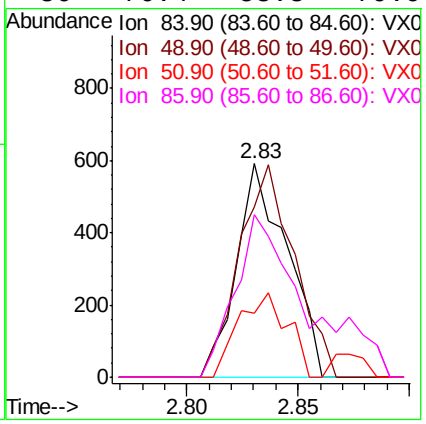


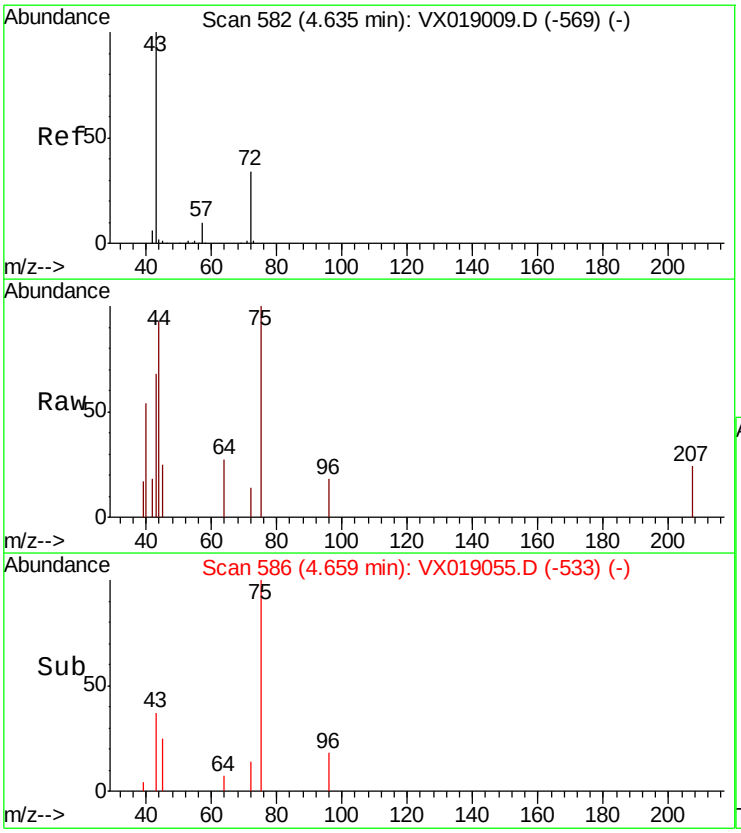
#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument : MSVOA_X
ClientSampleId : MW-10D

Tgt Ion: 84 Resp: 936

Ion	Ratio	Lower	Upper
84	100		
49	79.6	81.6	122.4#
51	30.2	25.6	38.4
86	76.4	53.3	79.9

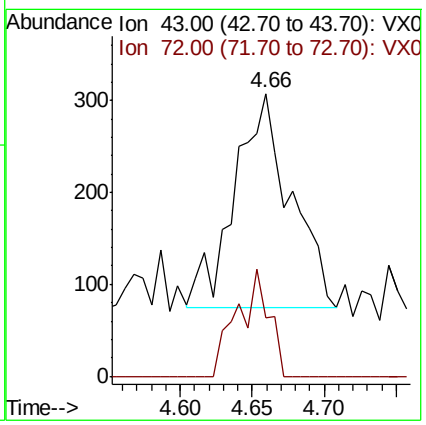


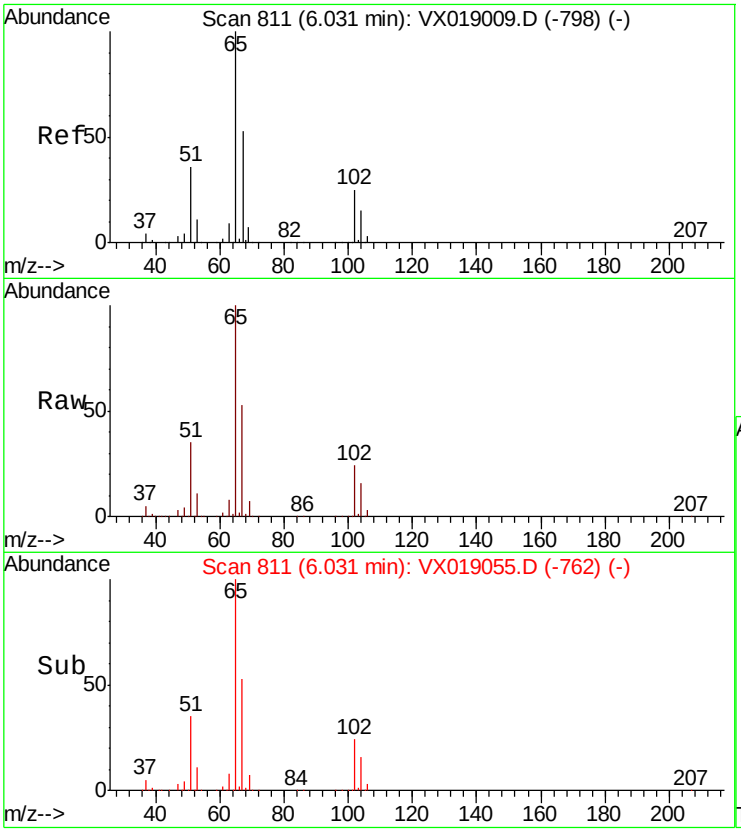


#25
2-Butanone
Concen: 0.332 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 43 Resp: 635

Ion	Ratio	Lower	Upper
43	100		
72	27.4	27.8	41.6#



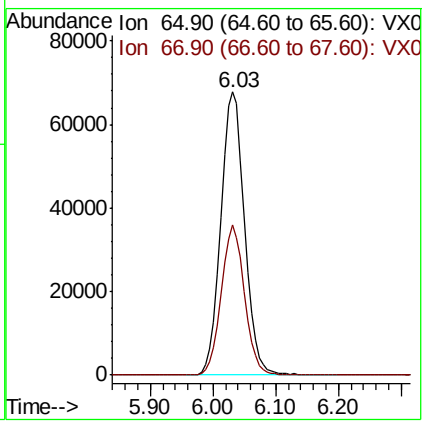


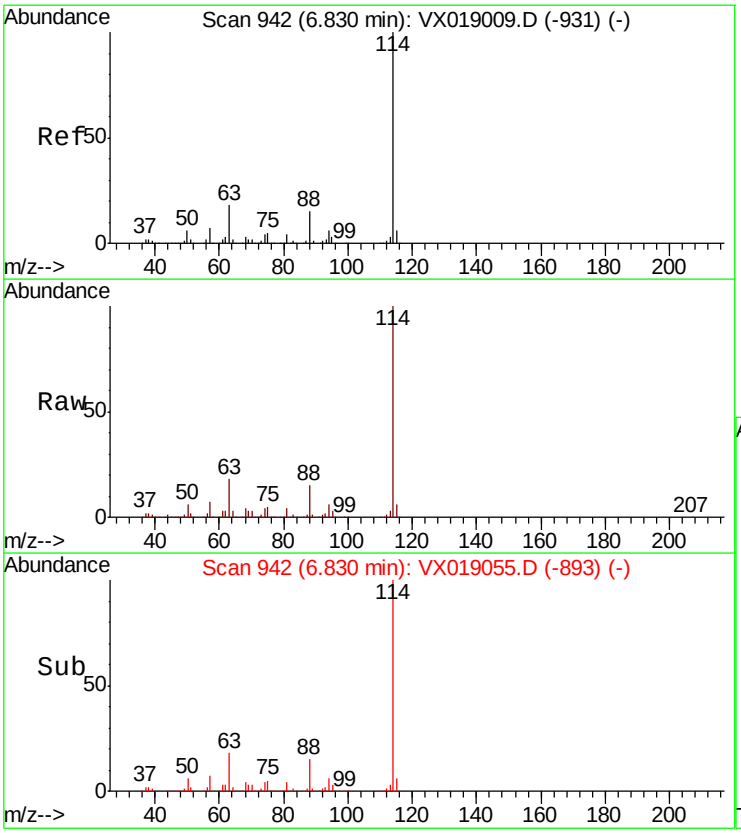
#33
1,2-Dichloroethane-d4
Concen: 50.031 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument : MSVOA_X
ClientSampleId : MW-10D

Tgt Ion: 65 Resp: 177665

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.0

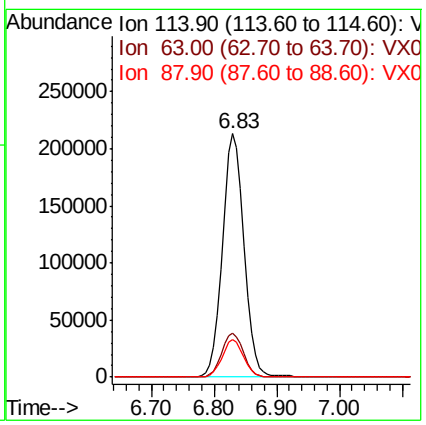


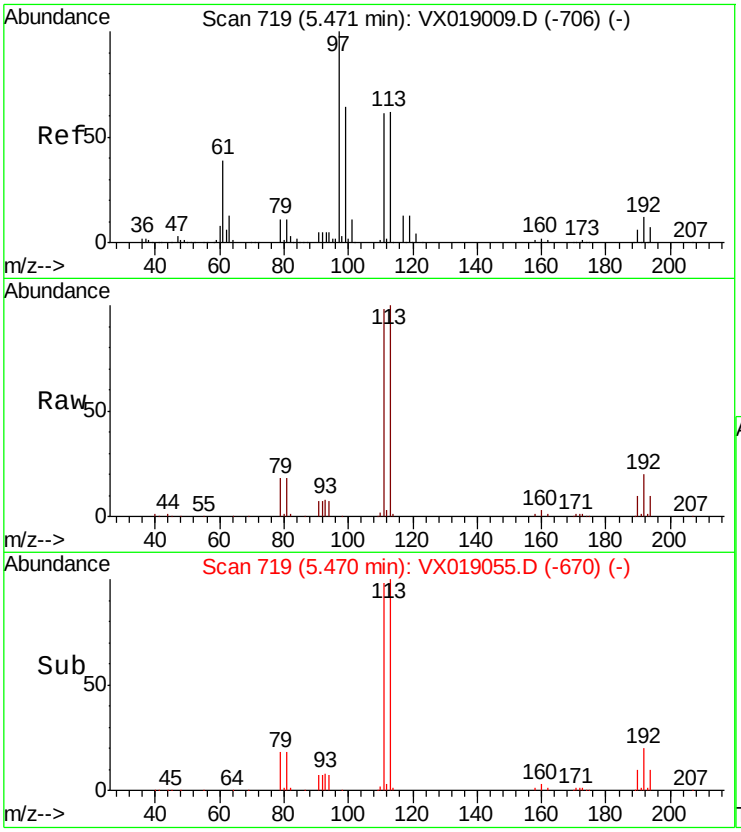


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion:114 Resp: 506759

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.8
88	15.3	0.0	30.2



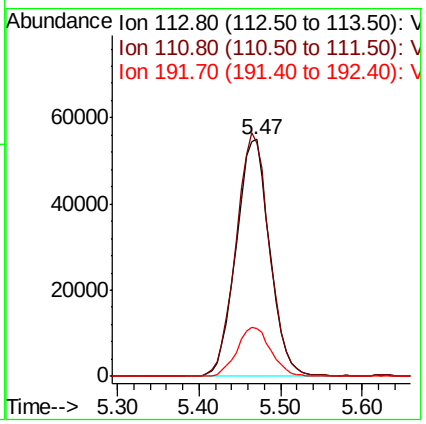


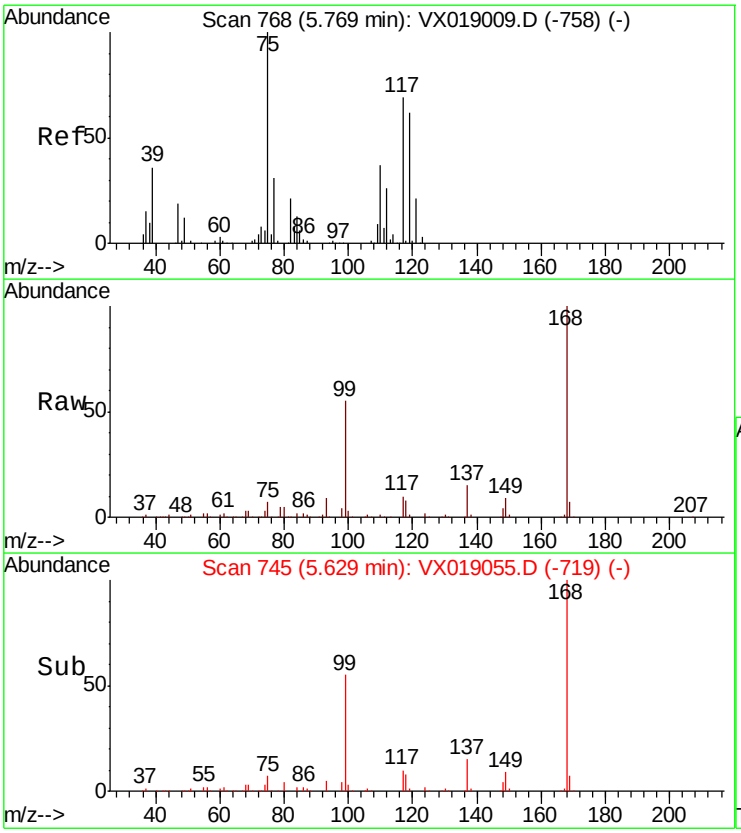
#35
Dibromofluoromethane
Concen: 49.078 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion:113 Resp: 157464

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	20.6	16.3	24.5

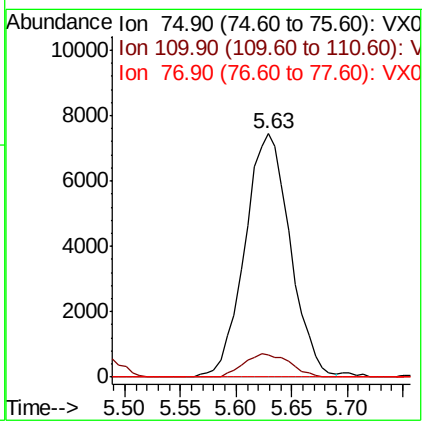


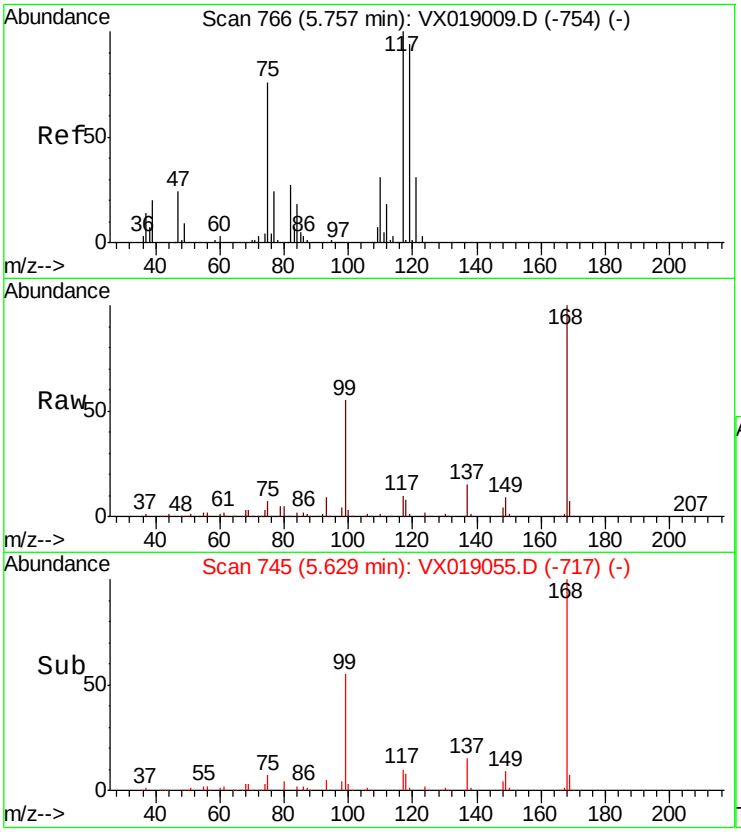


#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 75 Resp: 21027

Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.4	58.2#
77	0.0	25.2	37.8#



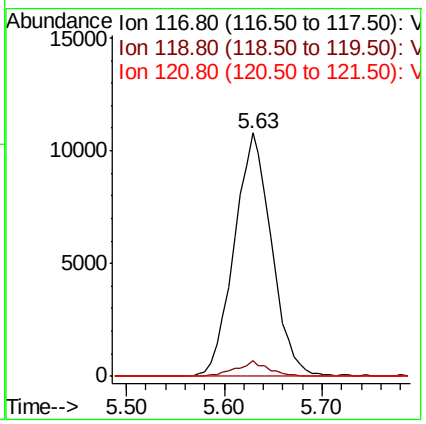


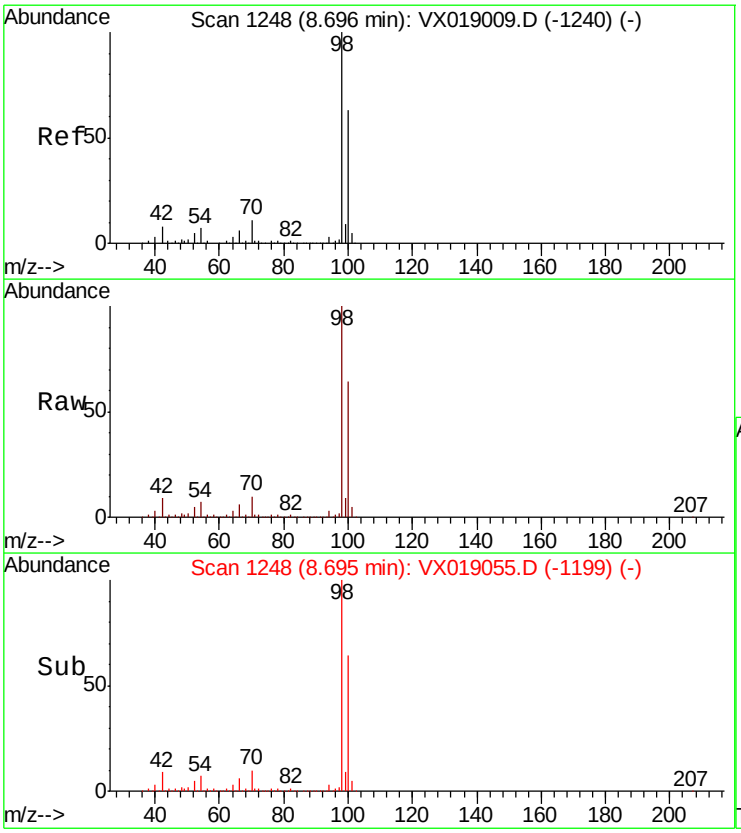
#38
Carbon Tetrachloride
Concen: 5.976 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument : MSVOA_X
ClientSampleId : MW-10D

Tgt Ion:117 Resp: 28521

Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.4	113.0#
121	0.0	25.0	37.6#

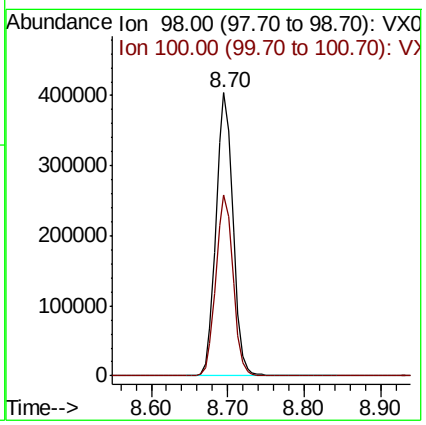


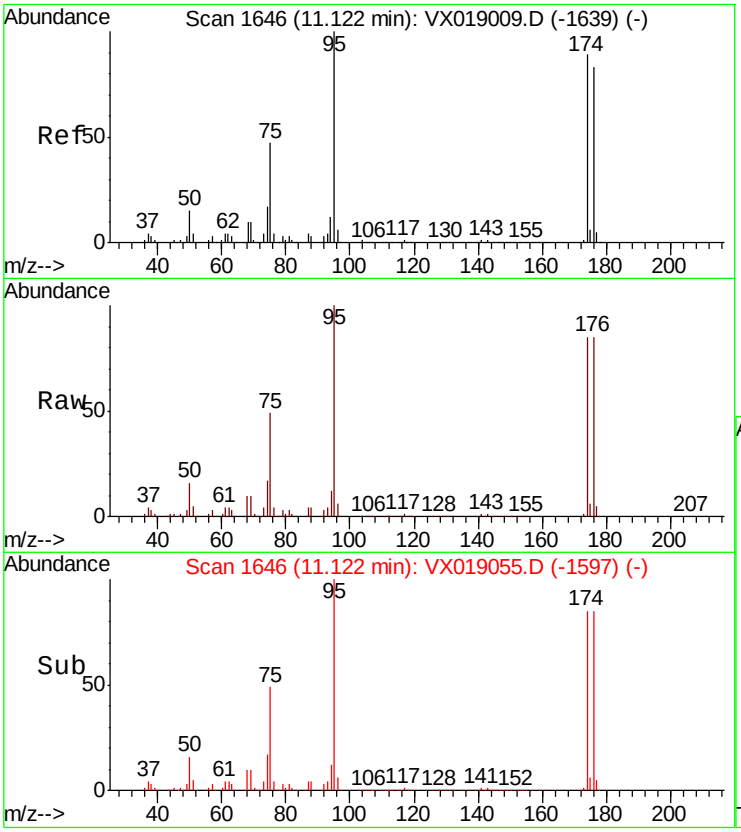


#50
Toluene-d8
Concen: 50.853 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 98 Resp: 622617

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.1	78.1



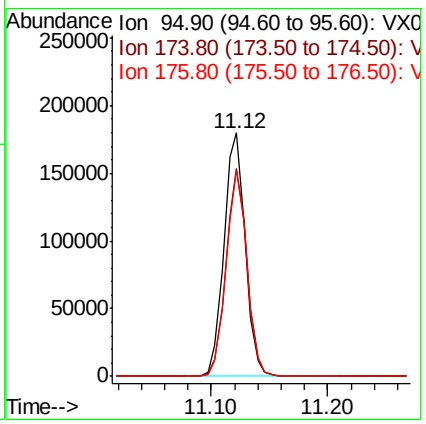


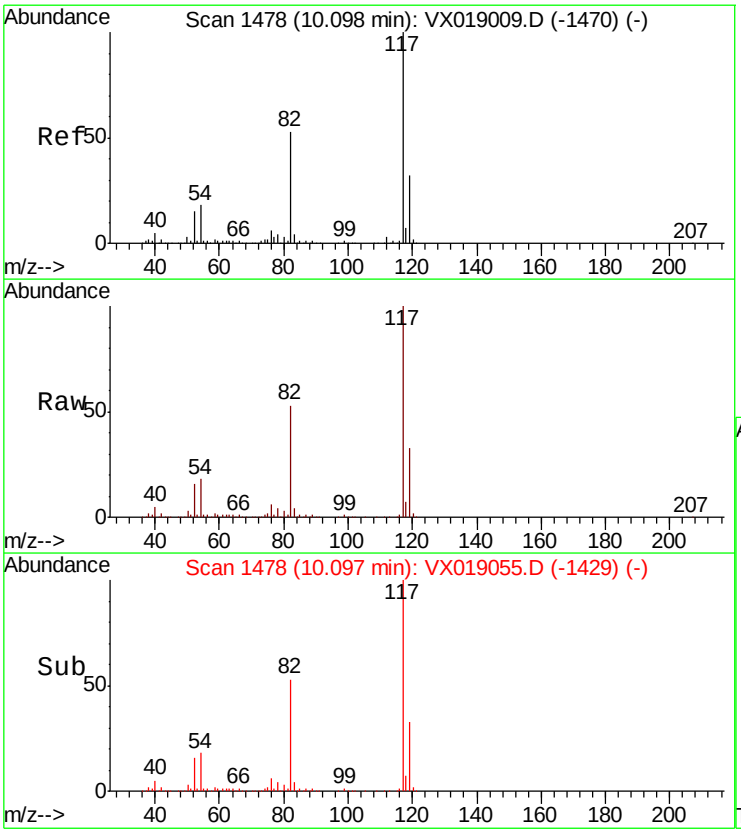
#62
4-Bromofluorobenzene
Concen: 52.147 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion: 95 Resp: 227105

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	167.6
176	82.9	0.0	165.2

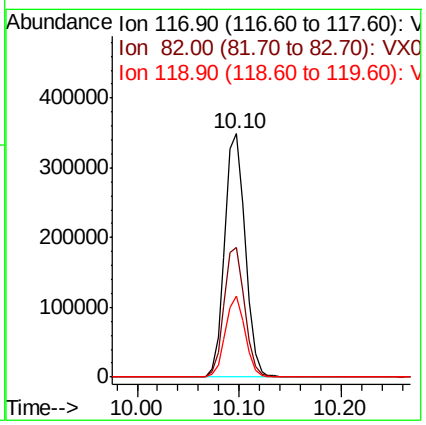


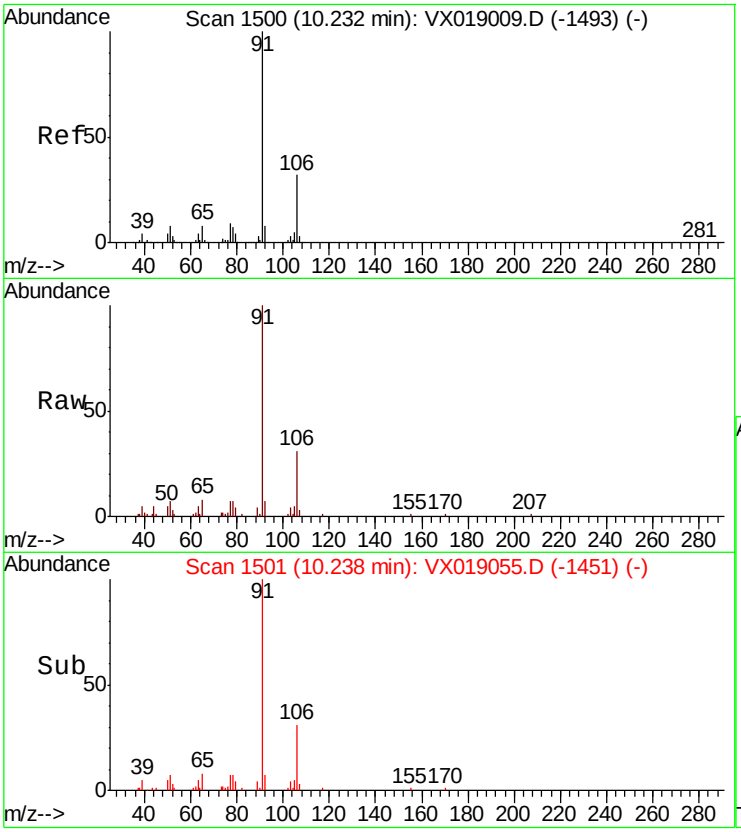


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion:117 Resp: 485133

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	33.2	25.6	38.4



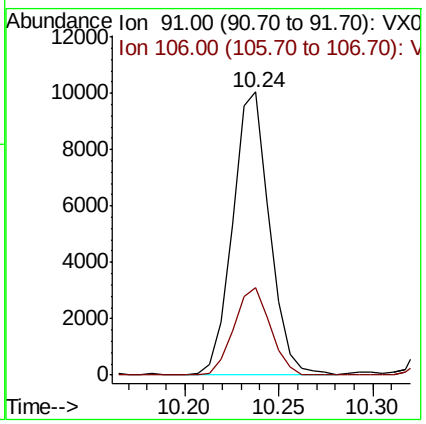


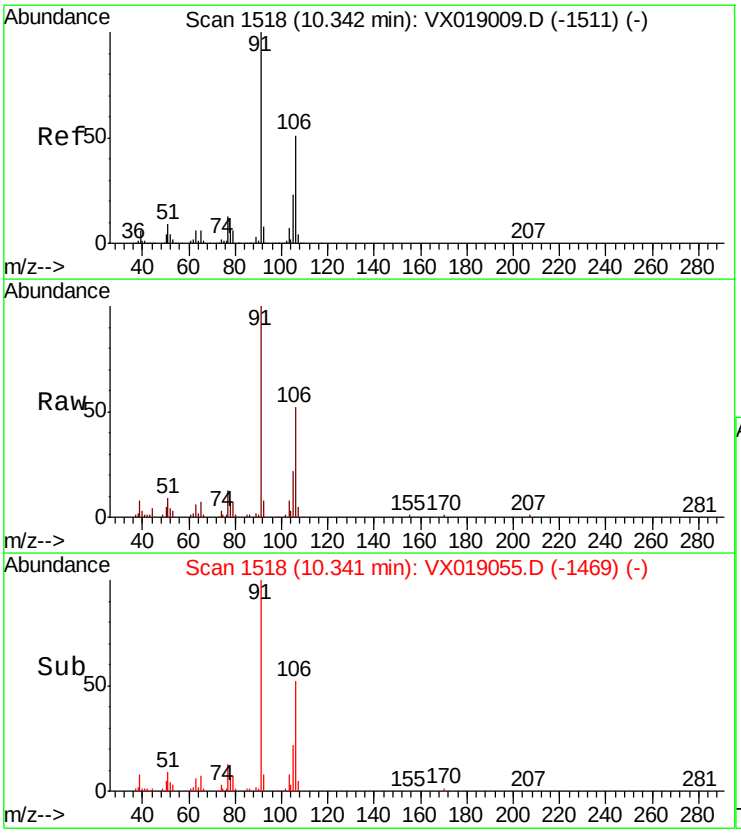
#67
Ethyl Benzene
Concen: 0.776 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument : MSVOA_X
ClientSampleId : MW-10D

Tgt Ion: 91 Resp: 13611

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.3	37.9

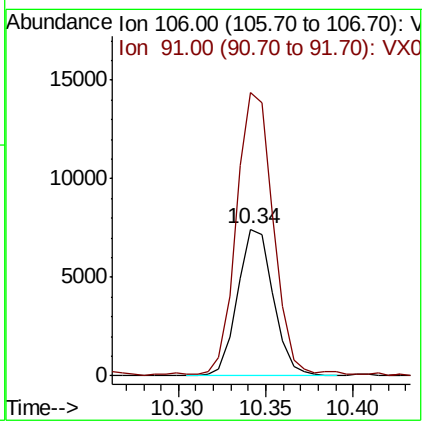


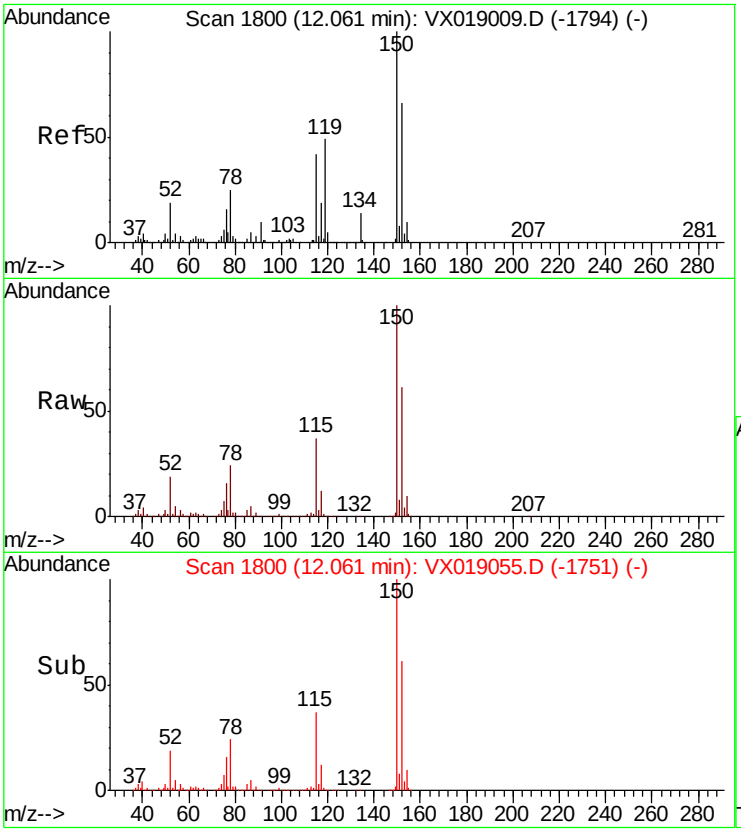


#68
m/p-Xylenes
Concen: 1.571 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion:106 Resp: 10554

Ion	Ratio	Lower	Upper
106	100		
91	202.0	156.9	235.3



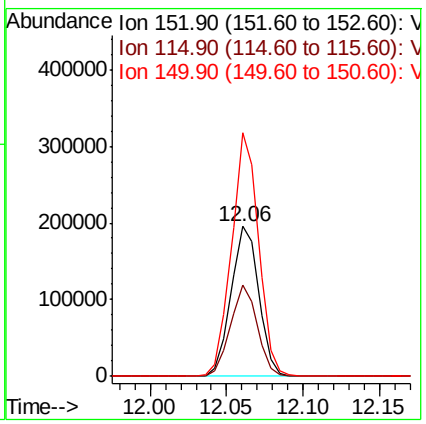


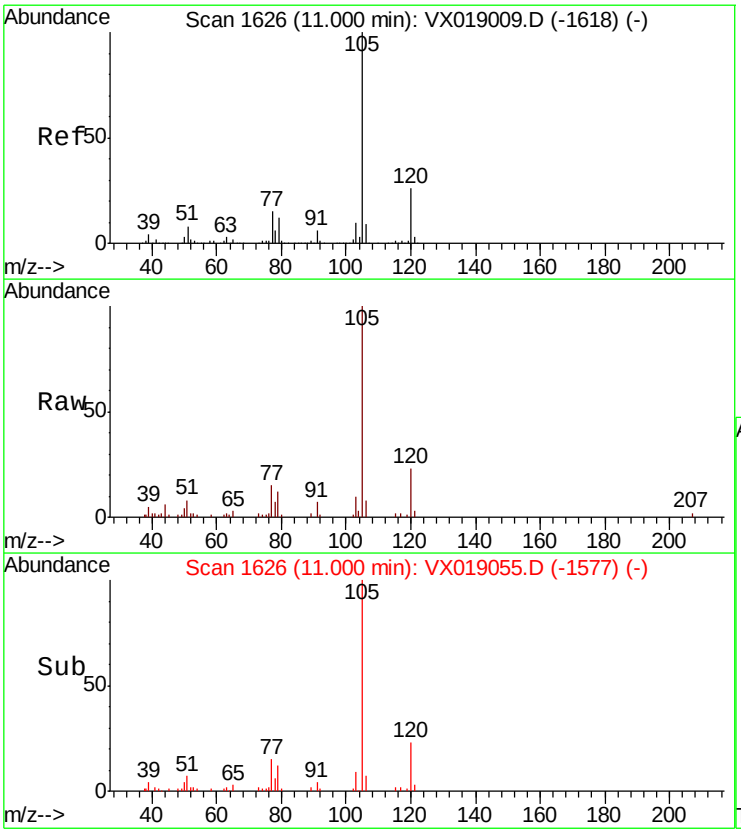
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion:152 Resp: 246081

Ion	Ratio	Lower	Upper
152	100		
115	58.5	40.8	122.5
150	157.6	0.0	345.6

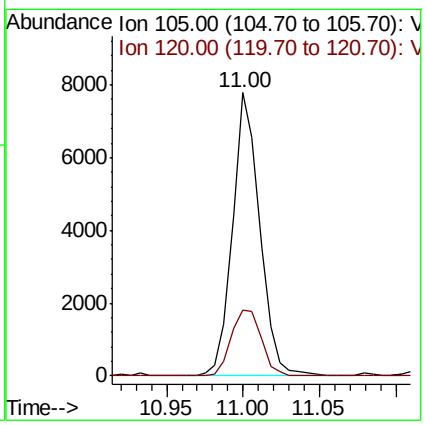


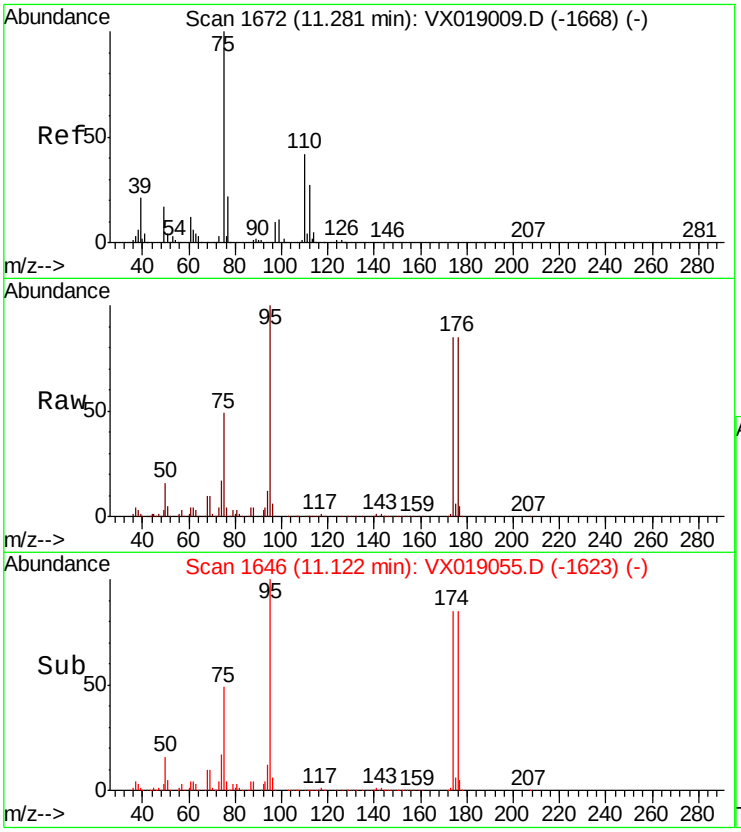


#73
Isopropylbenzene
Concen: 0.543 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion:105 Resp: 9609

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.4	40.1



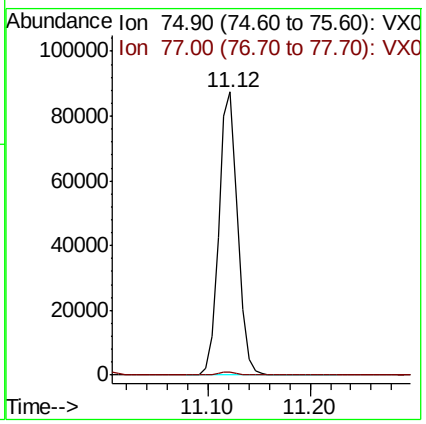


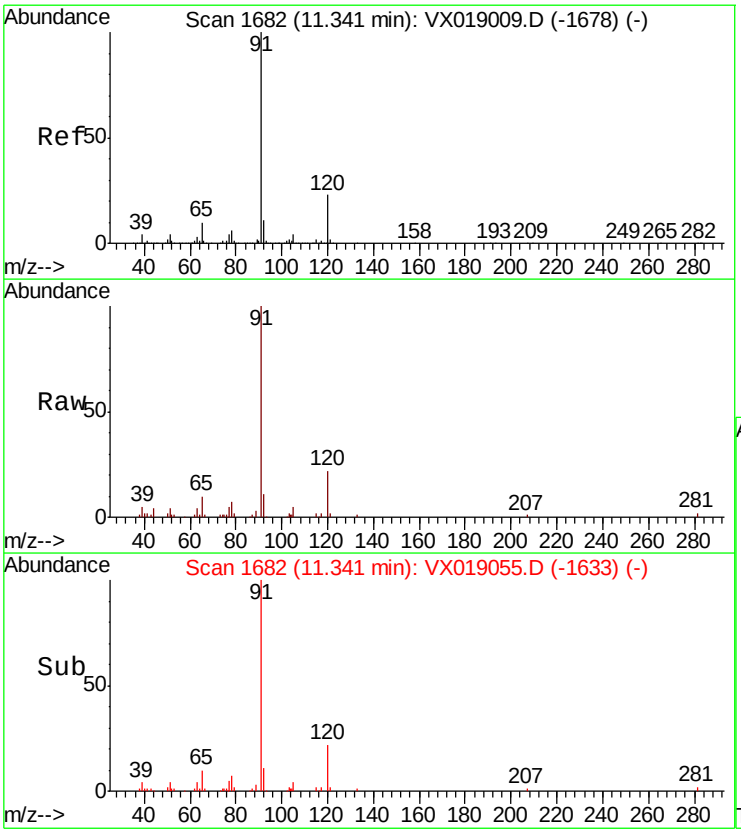
#76
1,2,3-Trichloropropane
Concen: 22.868 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion: 75 Resp: 112474

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.7	62.1#

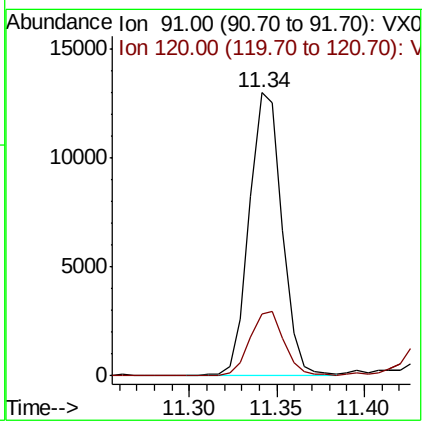


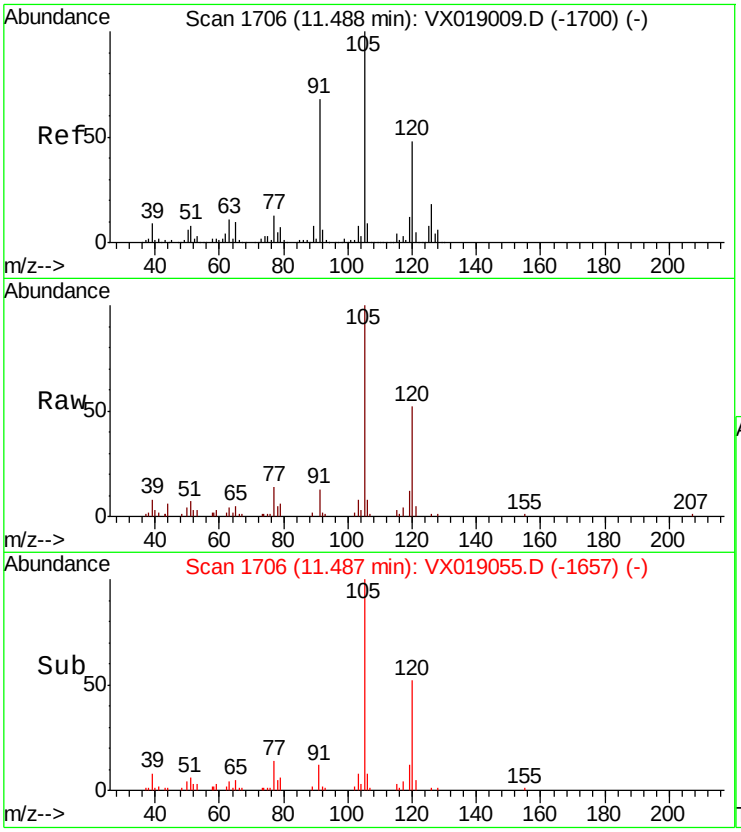


#78
n-propylbenzene
Concen: 0.847 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 91 Resp: 16984

Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.1	36.3



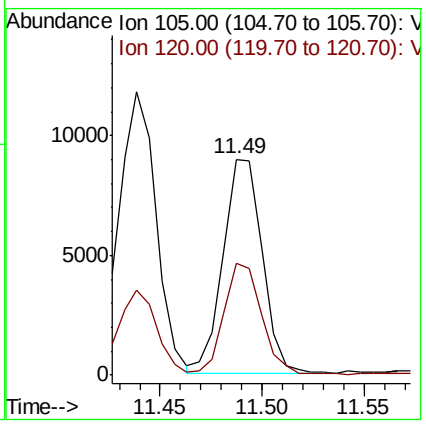


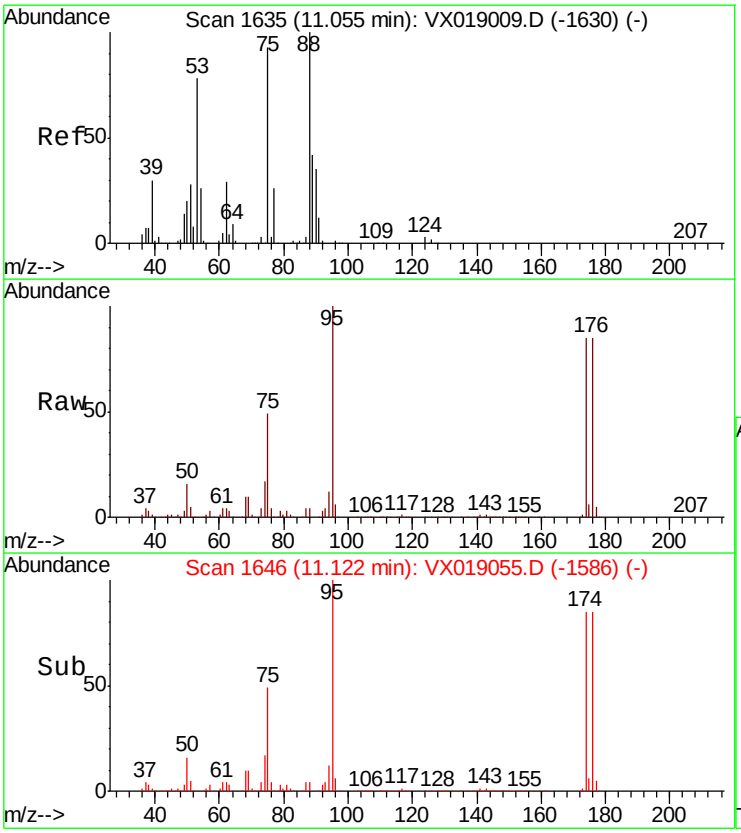
#80
1,3,5-Trimethylbenzene
Concen: 0.815 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion:105 Resp: 11918

Ion	Ratio	Lower	Upper
105	100		
120	50.8	25.2	75.6

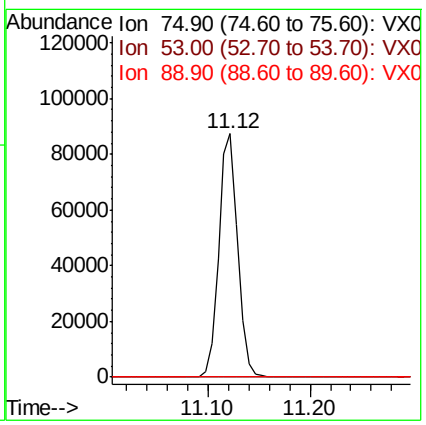


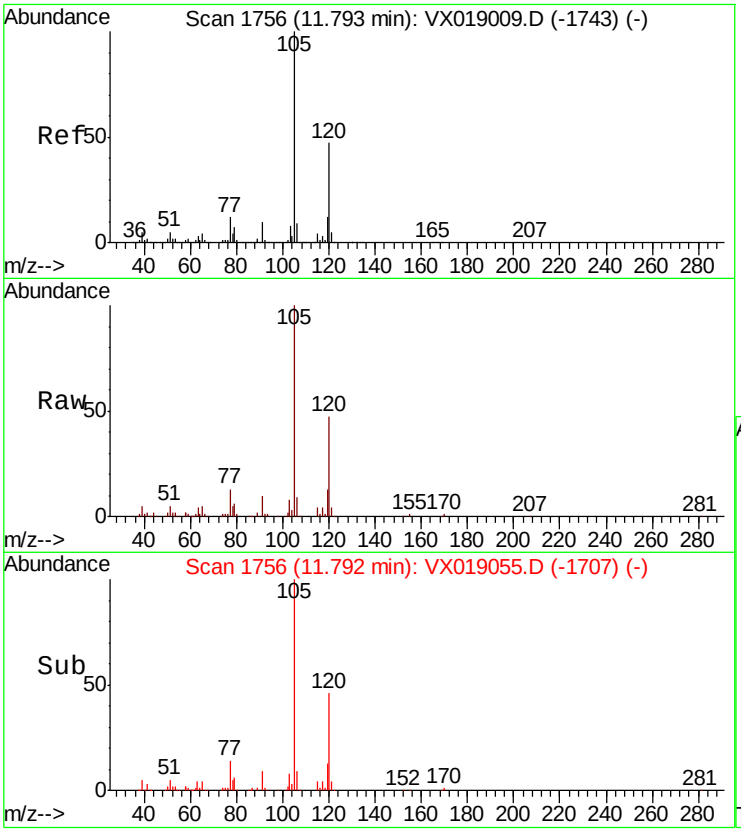


#81
trans-1,4-Dichloro-2-butene
Concen: 58.262 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 75 Resp: 112474

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.2#
89	0.0	37.2	55.8#



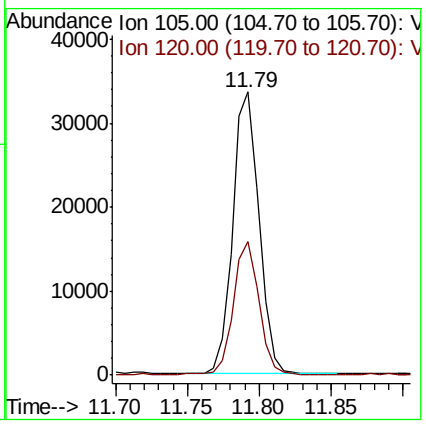


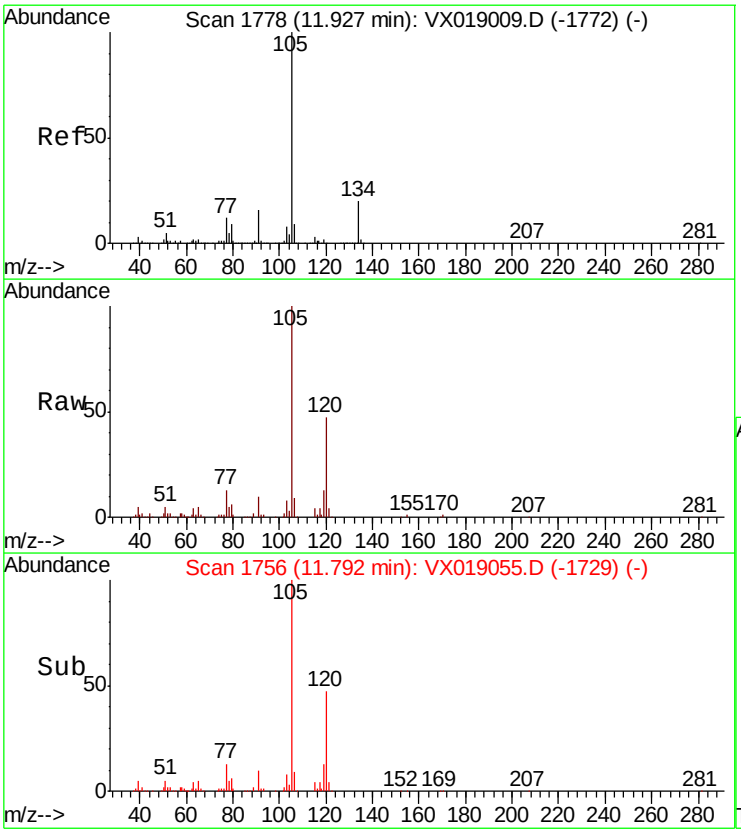
#84
1,2,4-Trimethylbenzene
Concen: 2.925 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion:105 Resp: 42814

Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.8

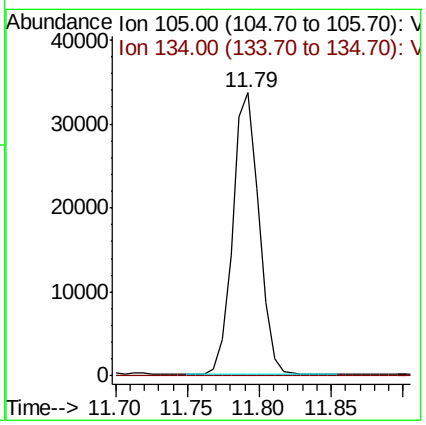


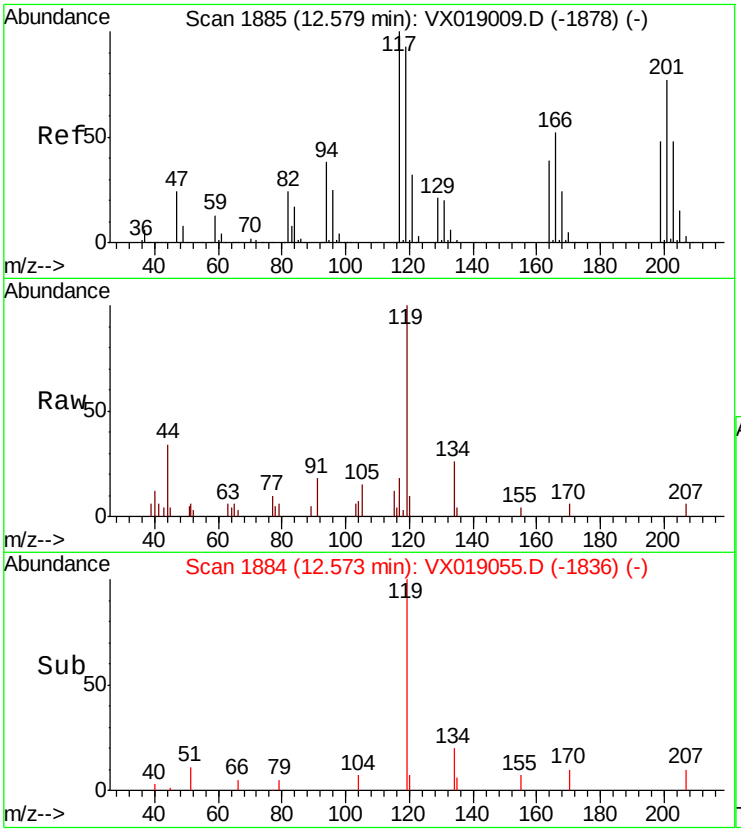


#85
sec-Butylbenzene
Concen: 2.457 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.13 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion:105 Resp: 42814

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.1#



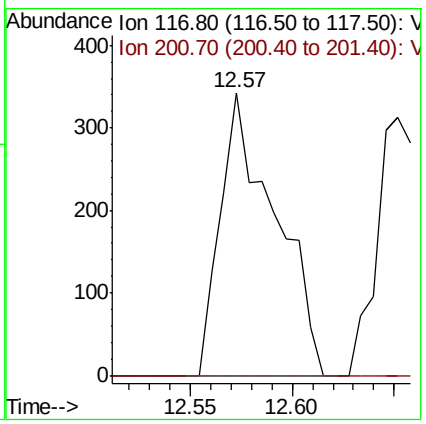


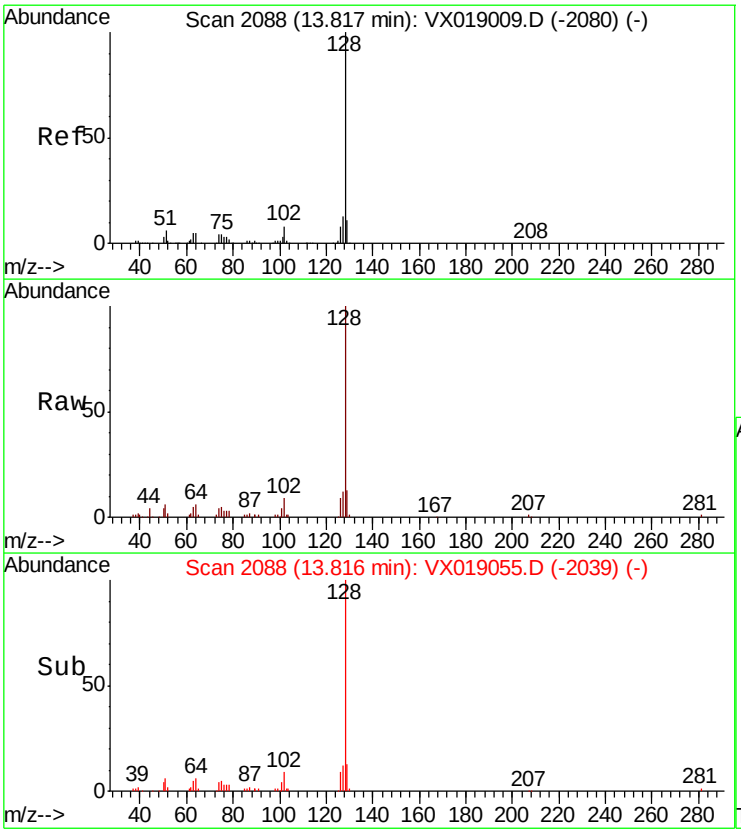
#90
Hexachloroethane
Concen: 0.262 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tgt Ion:117 Resp: 638

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.1	111.3#





#95
Naphthalene
Concen: 1.274 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion:128 Resp: 22431

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.2	8.7	13.1