Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019548.D
Acq On : 23 Nov 2020 14:18
Operator : JC/MD
Sample : L4836-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01

Quant Time: Nov 24 00:31:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	314586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	508396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	186696	45.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 91.54%			
35) Dibromofluoromethane	5.46	113	149960	46.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.98%			
50) Toluene-d8	8.70	98	588429	47.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.90%			
62) 4-Bromofluorobenzene	11.12	95	206682	46.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.64%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	1136	0.324	ug/l	97
5) Bromomethane	1.62	94	507	0.354	ug/l #	58
6) Chloroethane	1.72	64	1036	Below Cal	#	41
11) Tert butyl alcohol	3.00	59	5008	6.488	ug/l #	74
13) Acrolein	2.26	56	205	0.395	ug/l #	33
16) Acetone	2.43	43	8214	5.207	ug/l	99
18) Methyl Acetate	2.76	43	560	0.777	ug/l #	69
20) Methylene Chloride	2.83	84	1113	0.282	ug/l	89
25) 2-Butanone	4.66	43	1327	0.560	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	1968	0.484	ug/l #	1
29) Tetrahydrofuran	5.10	42	339	0.224	ug/l #	31
31) Cyclohexane	5.62	56	6015	1.134	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22944	4.814	ug/l #	50
38) Carbon Tetrachloride	5.63	117	31196	6.762	ug/l #	16
44) Trichloroethene	7.19	130	1216	0.317	ug/l	81
52) Toluene	8.76	92	3049	0.340	ug/l	95
70) Styrene	10.70	104	211	1.666	ug/l #	67
76) 1,2,3-Trichloropropane	11.12	75	100915	24.264	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	100915	64.219	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.79	105	4720	0.422	ug/l	98
95) Naphthalene	13.82	128	1437	2.276	ug/l #	93

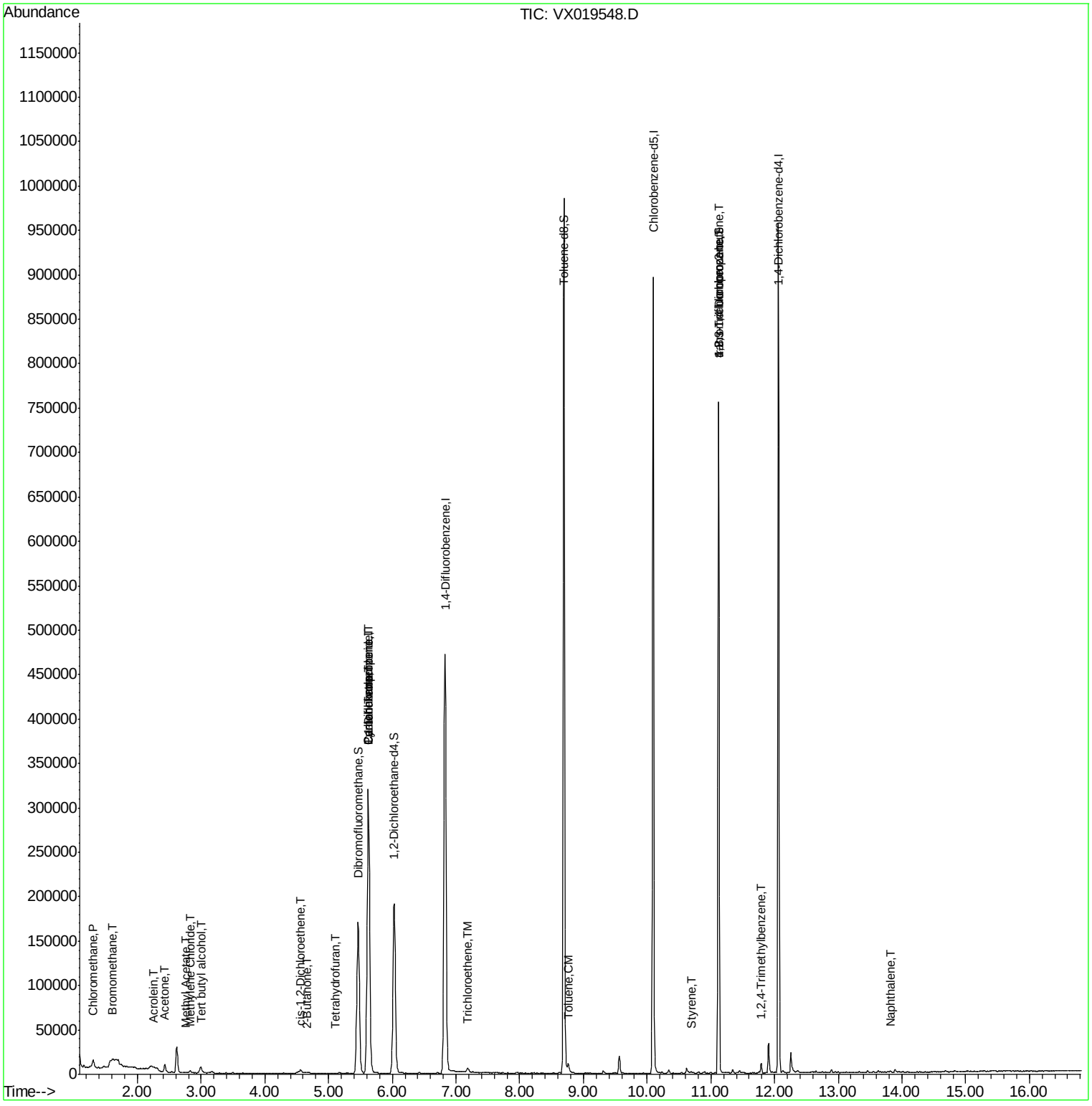
(#) = qualifier out of range (m) = manual integration (+) = signals summed

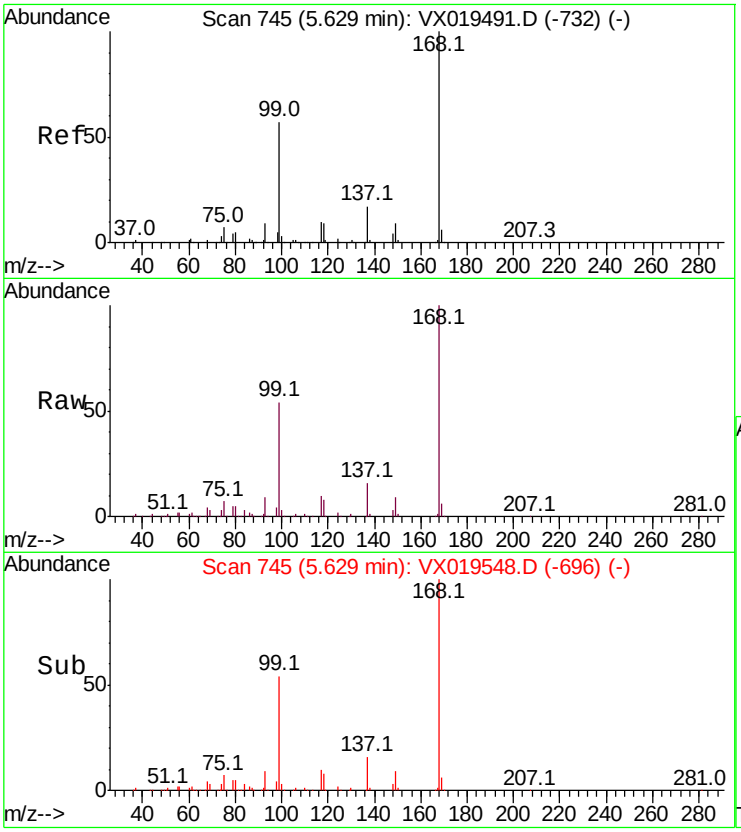
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019548.D
Acq On : 23 Nov 2020 14:18
Operator : JC/MD
Sample : L4836-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Quant Time: Nov 24 00:31:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration



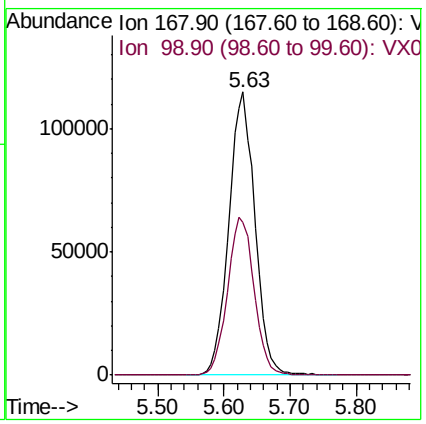


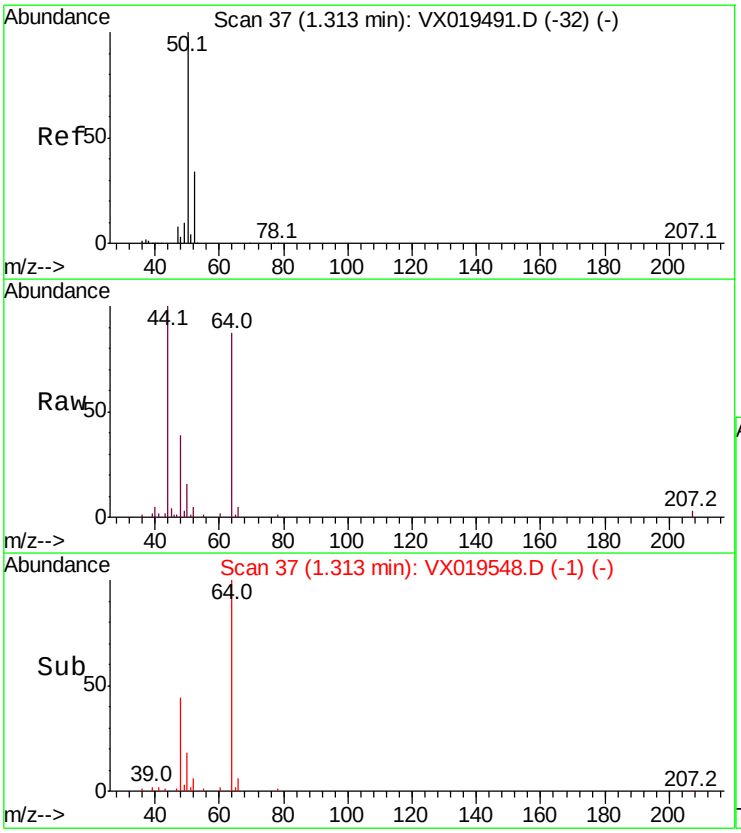
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion:168 Resp: 314586

Ion	Ratio	Lower	Upper
168	100		
99	54.0	45.8	68.6

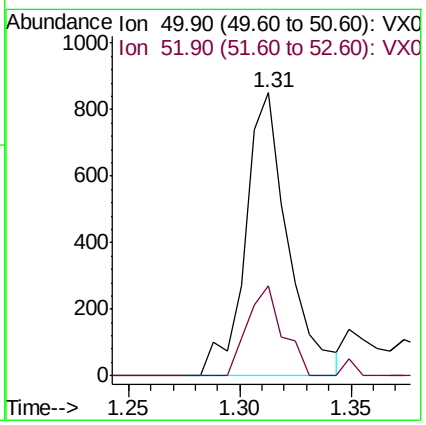


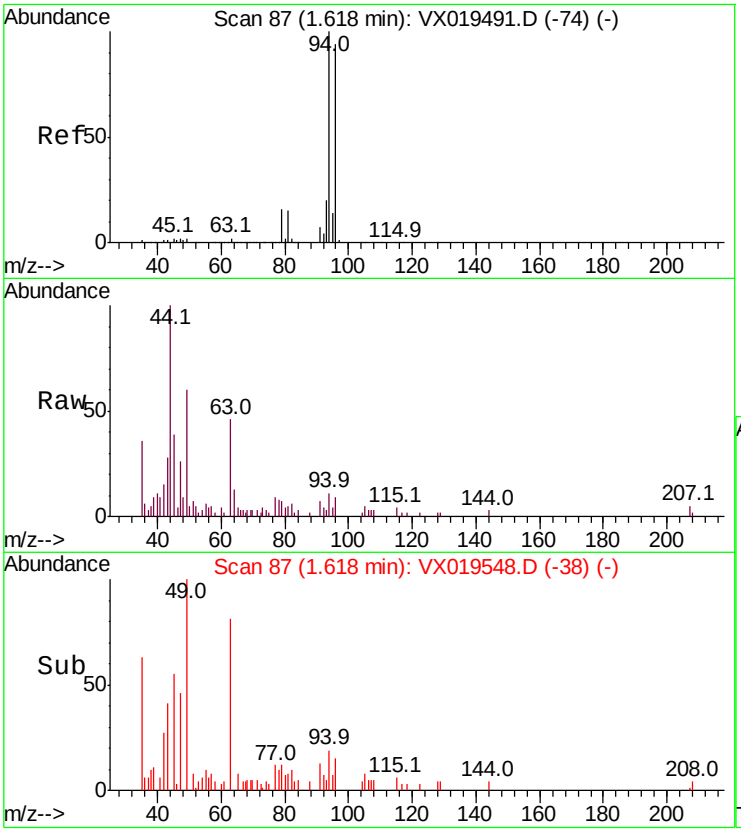


#3
Chloromethane
Concen: 0.324 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion: 50 Resp: 1136

Ion	Ratio	Lower	Upper
50	100		
52	31.8	27.0	40.6



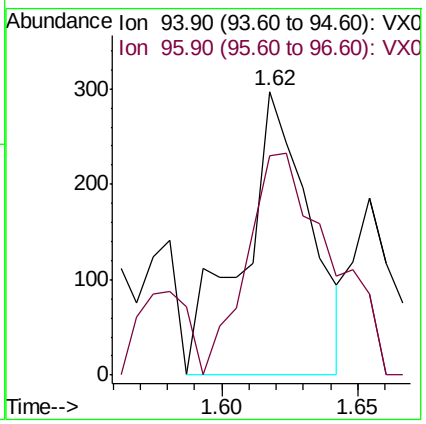


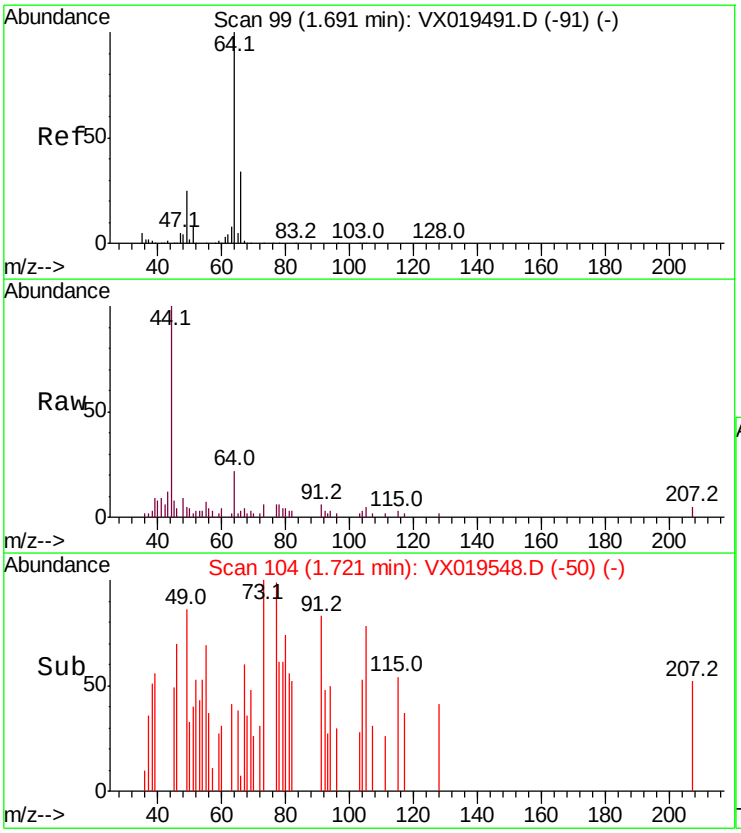
#5
Bromomethane
Concen: 0.354 ug/l
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument : MSVOA_X
ClientSampleId : GW-01

Tgt Ion: 94 Resp: 507

Ion	Ratio	Lower	Upper
94	100		
96	53.5	75.6	113.4#

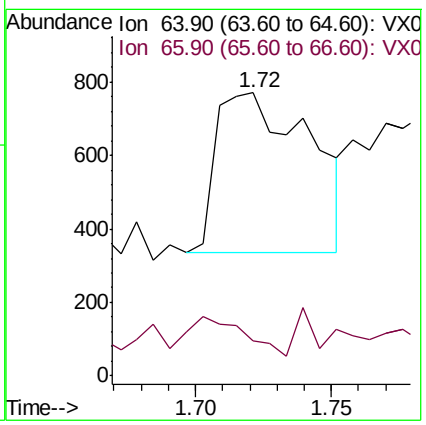


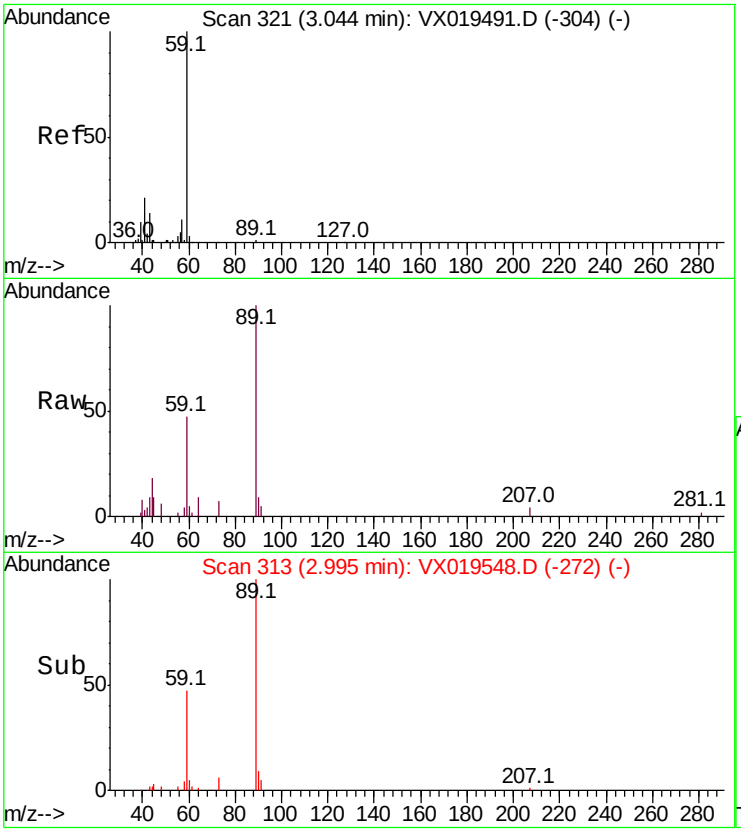


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 104
Delta R.T. 0.03 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion: 64 Resp: 1036

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.1	40.7#



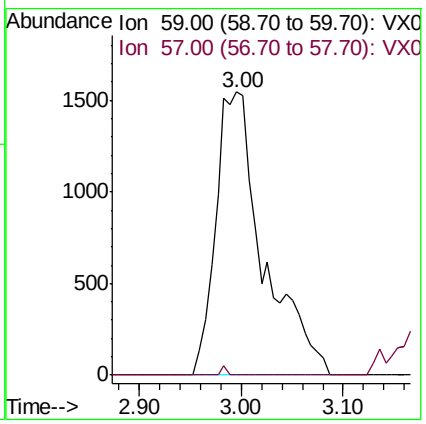


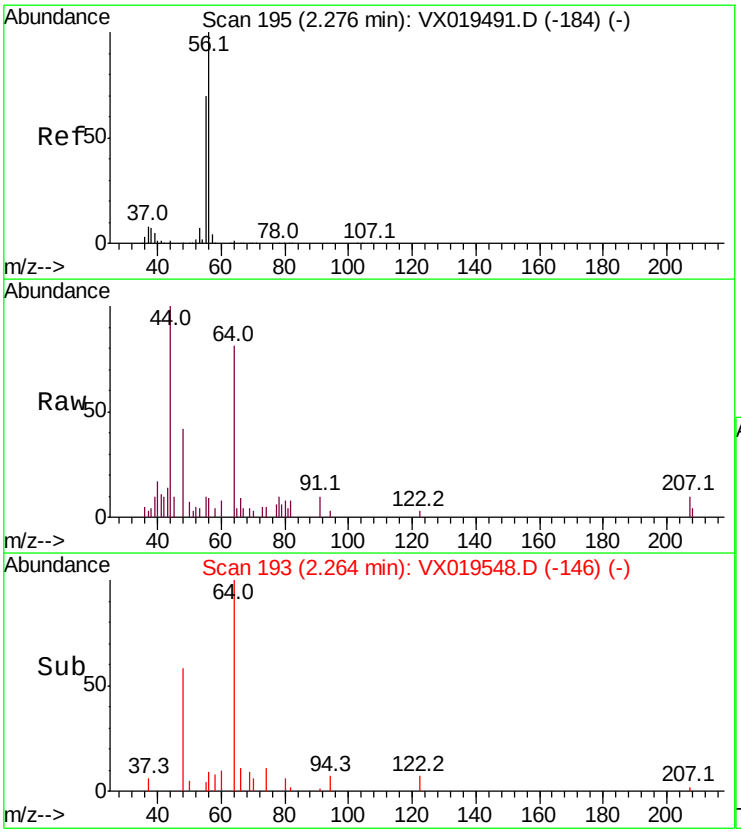
#11
Tert butyl alcohol
Concen: 6.488 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.05 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion: 59 Resp: 5008

Ion	Ratio	Lower	Upper
59	100		
57	0.4	7.9	11.9#

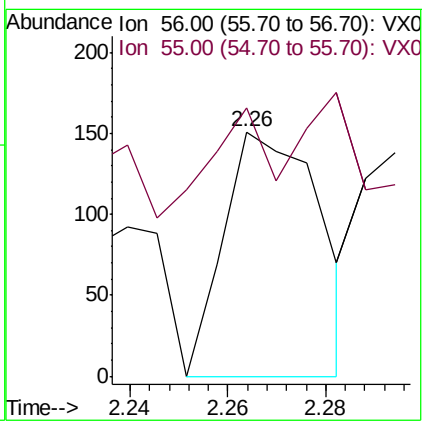


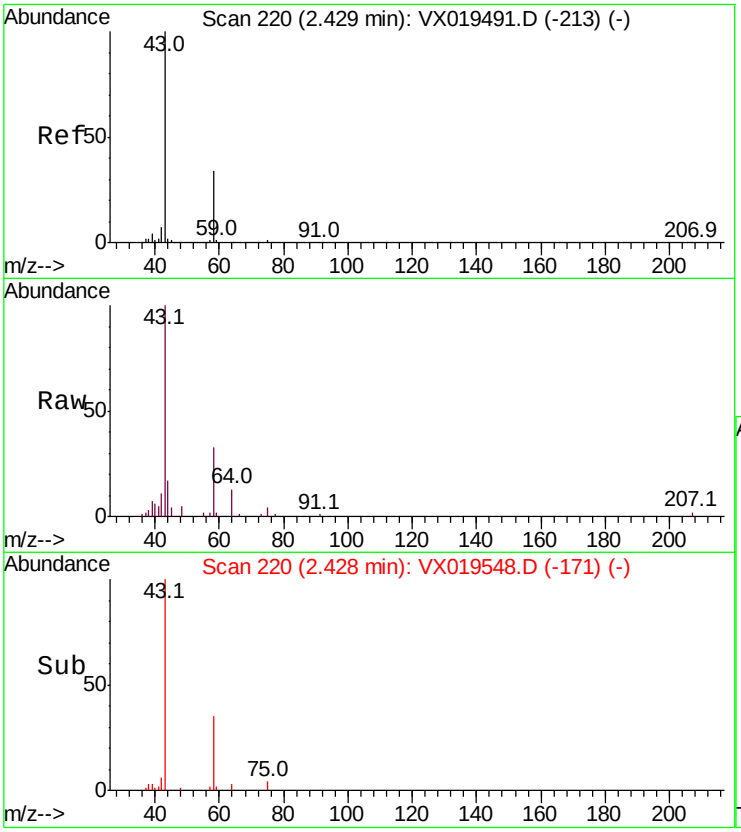


#13
Acrolein
Concen: 0.395 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion: 56 Resp: 205

Ion	Ratio	Lower	Upper
56	100		
55	14.6	55.5	83.3#



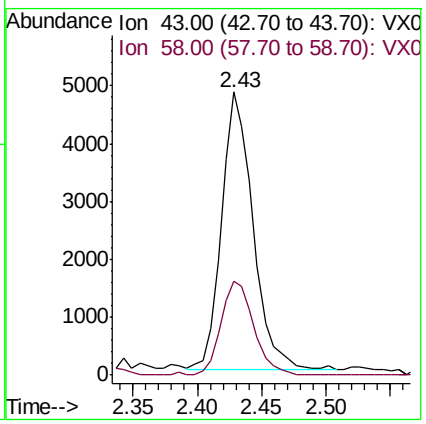


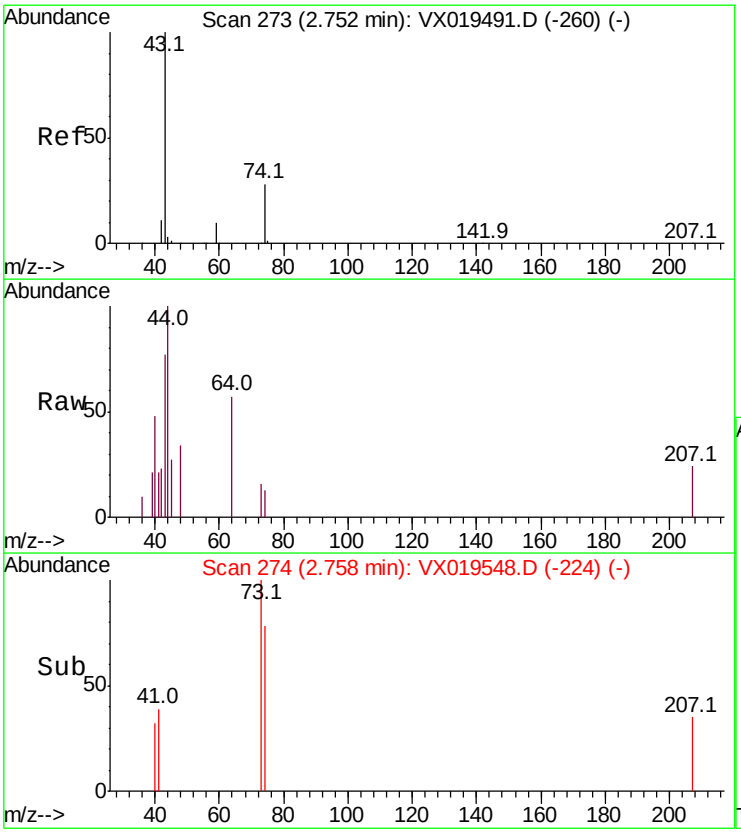
#16
Acetone
Concen: 5.207 ug/l
RT: 2.43 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion: 43 Resp: 8214

Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.4	41.2

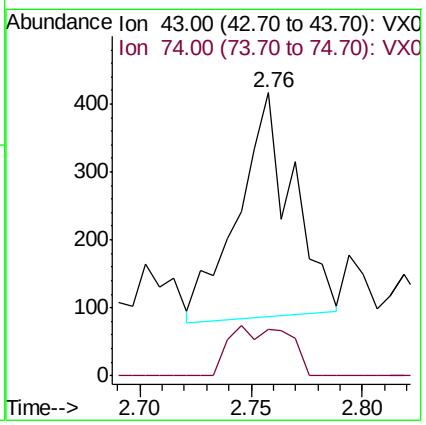


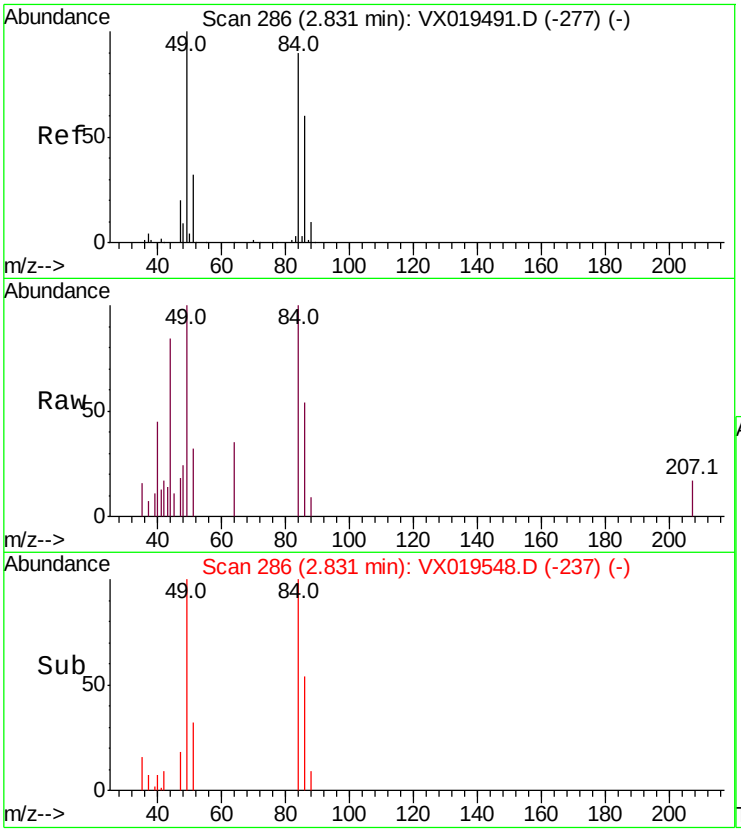


#18
Methyl Acetate
Concen: 0.777 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion: 43 Resp: 560

Ion	Ratio	Lower	Upper
43	100		
74	11.8	22.2	33.4#



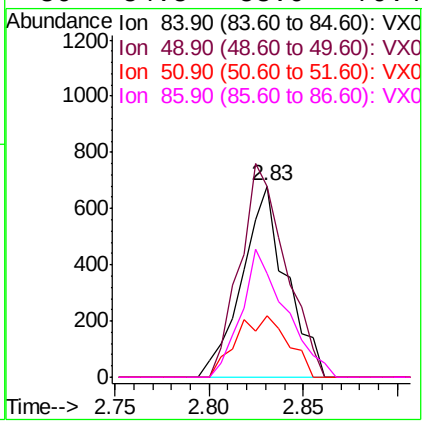


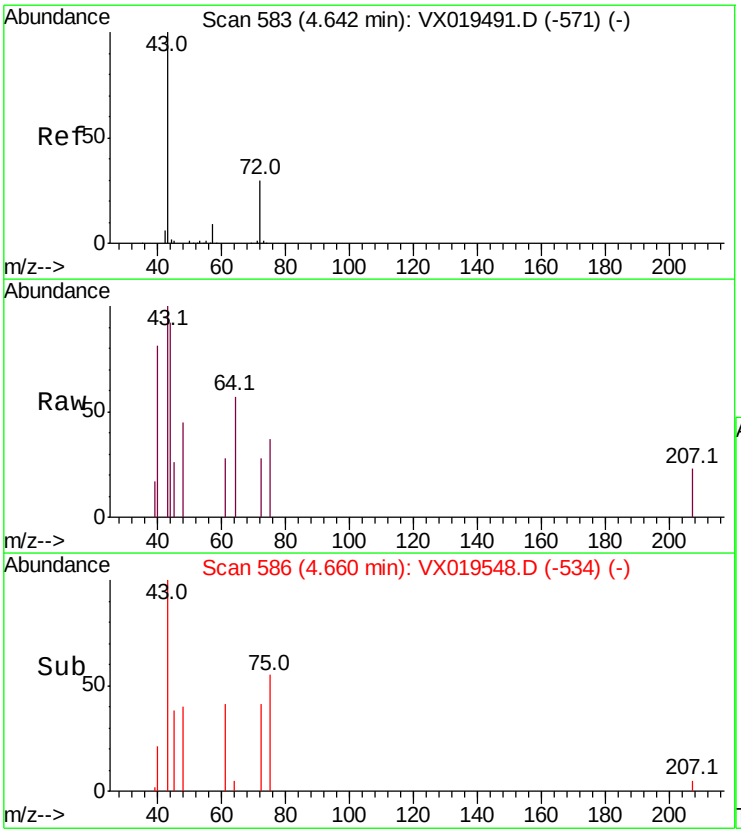
#20
Methylene Chloride
Concen: 0.282 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument : MSVOA_X
ClientSampleId : GW-01

Tgt Ion: 84 Resp: 1113

Ion	Ratio	Lower	Upper
84	100		
49	100.1	88.5	132.7
51	32.0	28.0	42.0
86	54.5	53.0	79.4

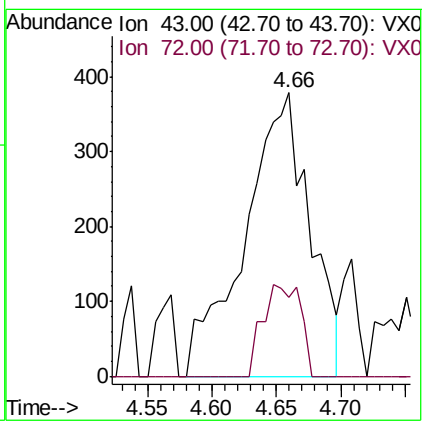


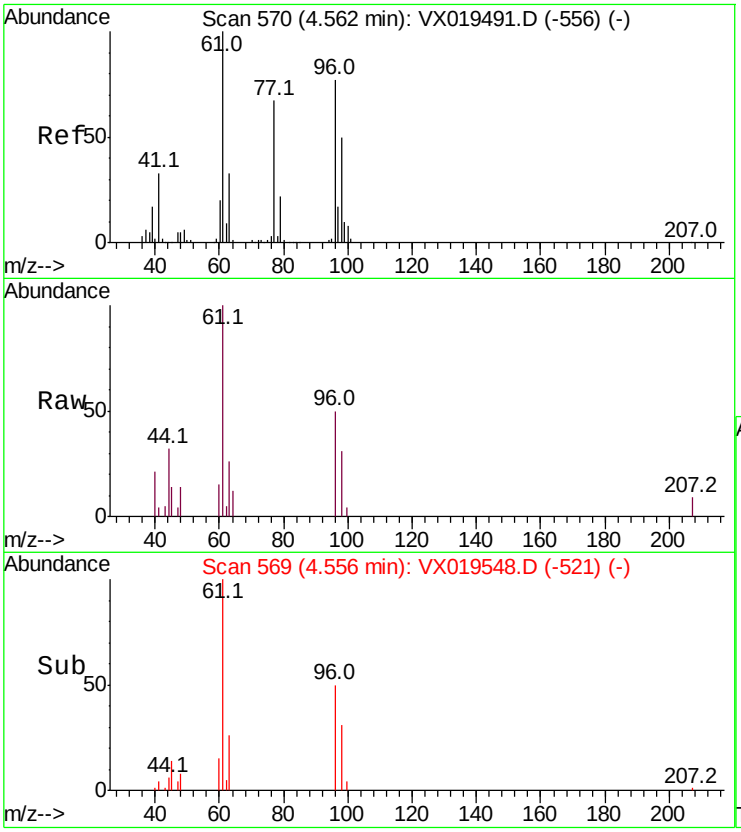


#25
2-Butanone
Concen: 0.560 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion: 43 Resp: 1327

Ion	Ratio	Lower	Upper
43	100		
72	28.0	24.0	36.0



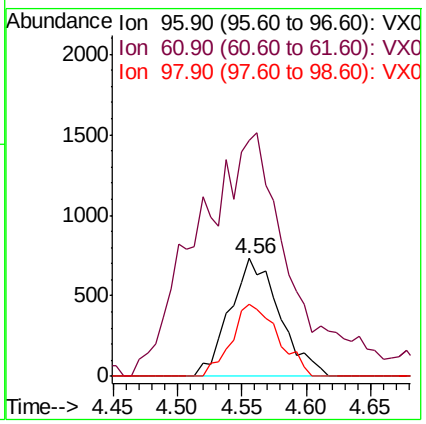


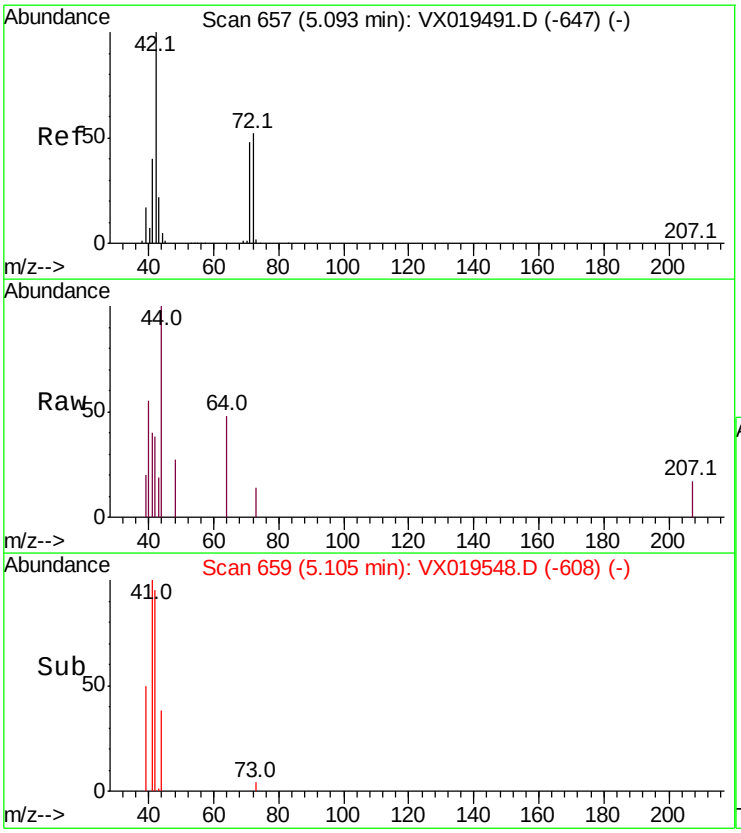
#27
cis-1,2-Dichloroethene
Concen: 0.484 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion: 96 Resp: 1968

Ion	Ratio	Lower	Upper
96	100		
61	386.0	0.0	279.2#
98	56.8	0.0	129.8

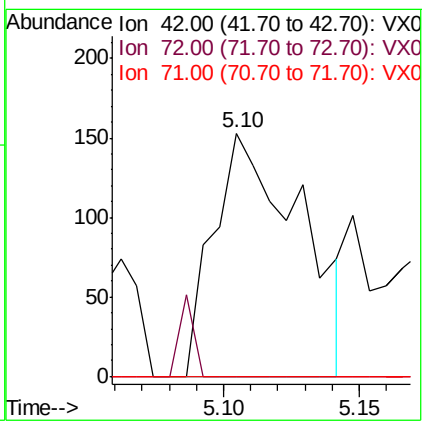


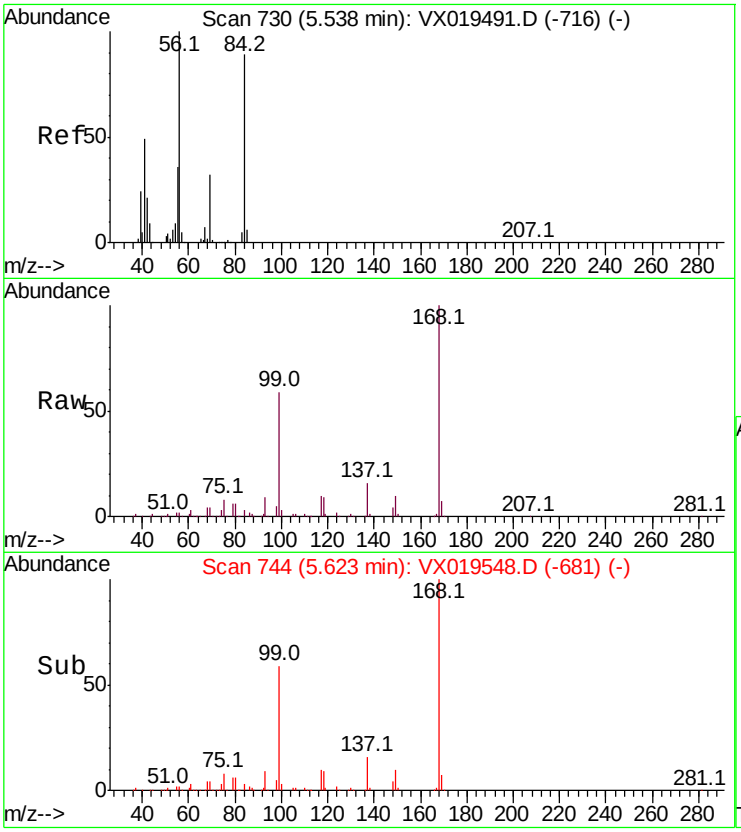


#29
Tetrahydrofuran
Concen: 0.224 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion: 42 Resp: 339

Ion	Ratio	Lower	Upper
42	100		
72	5.6	42.6	63.8#
71	0.0	39.0	58.6#



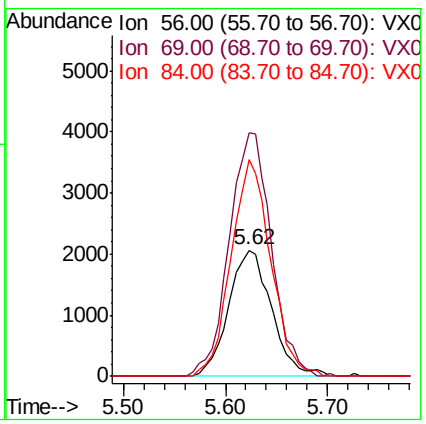


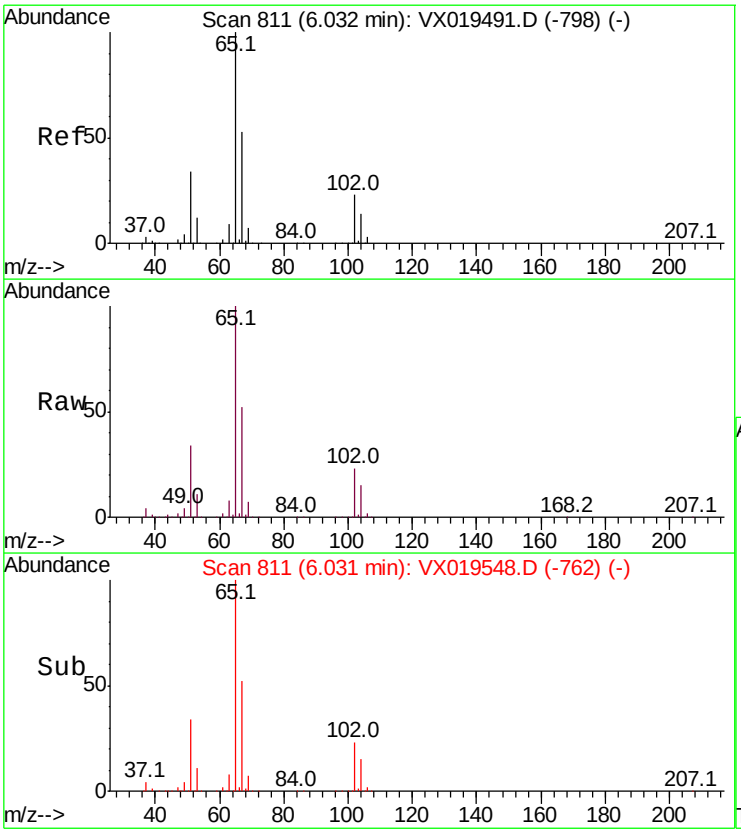
#31
Cyclohexane
Concen: 1.134 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion: 56 Resp: 6015

Ion	Ratio	Lower	Upper
56	100		
69	192.7	25.5	38.3#
84	171.3	71.1	106.7#

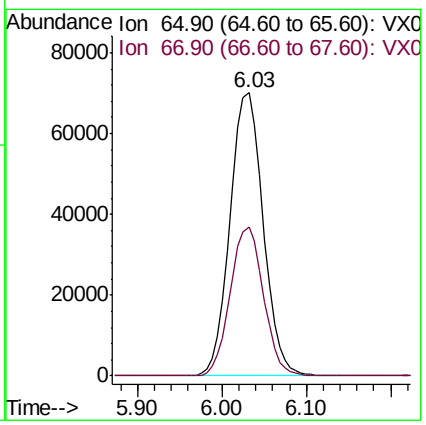


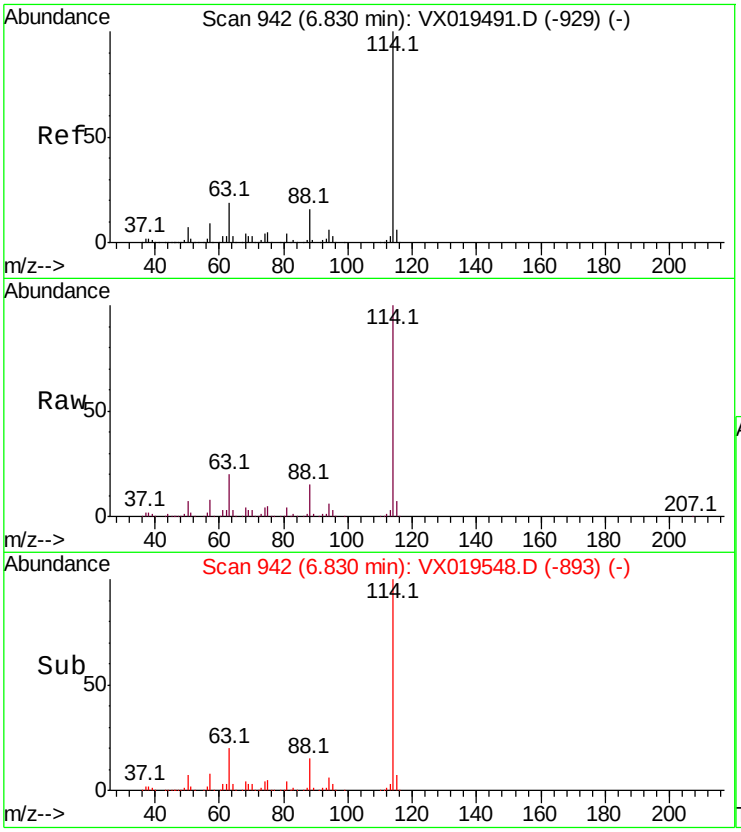


#33
1,2-Dichloroethane-d4
Concen: 45.771 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion: 65 Resp: 186696

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.0



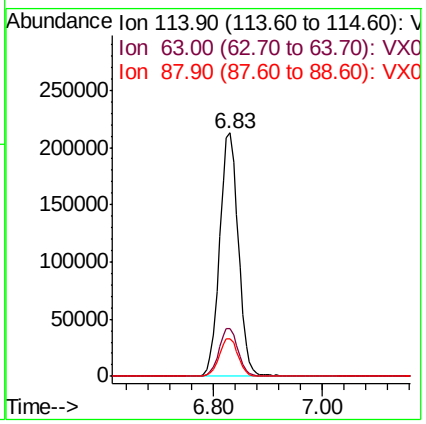


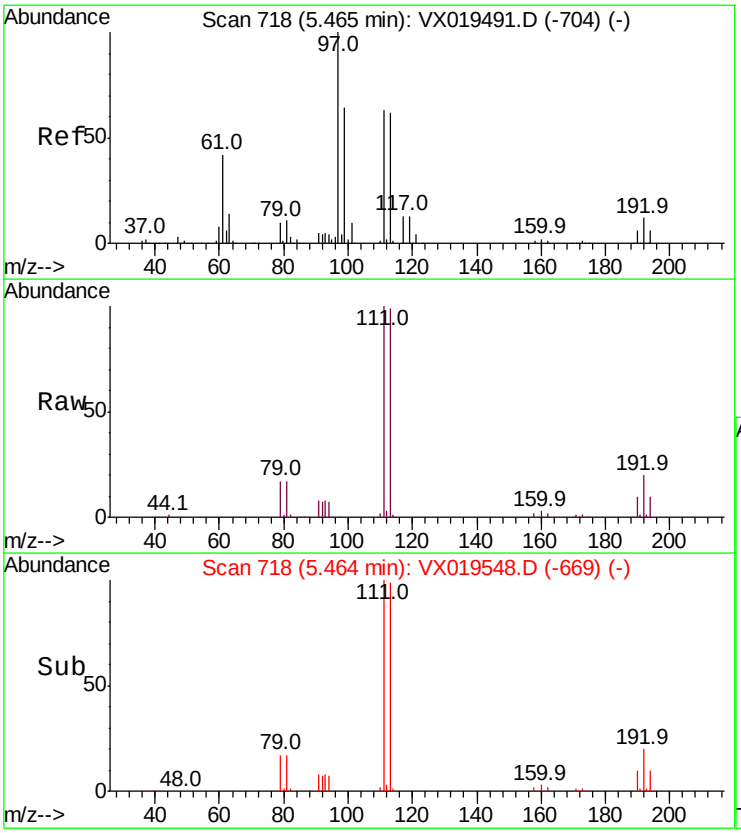
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument : MSVOA_X
ClientSampleId : GW-01

Tgt Ion:114 Resp: 508396

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.8
88	15.5	0.0	31.6

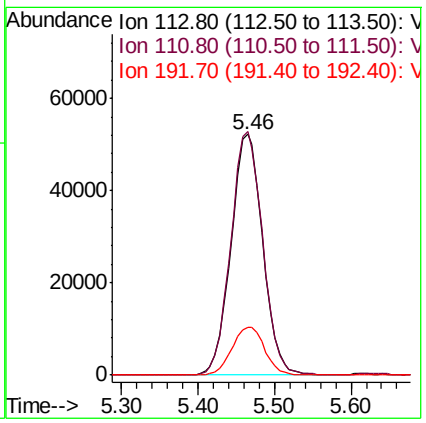


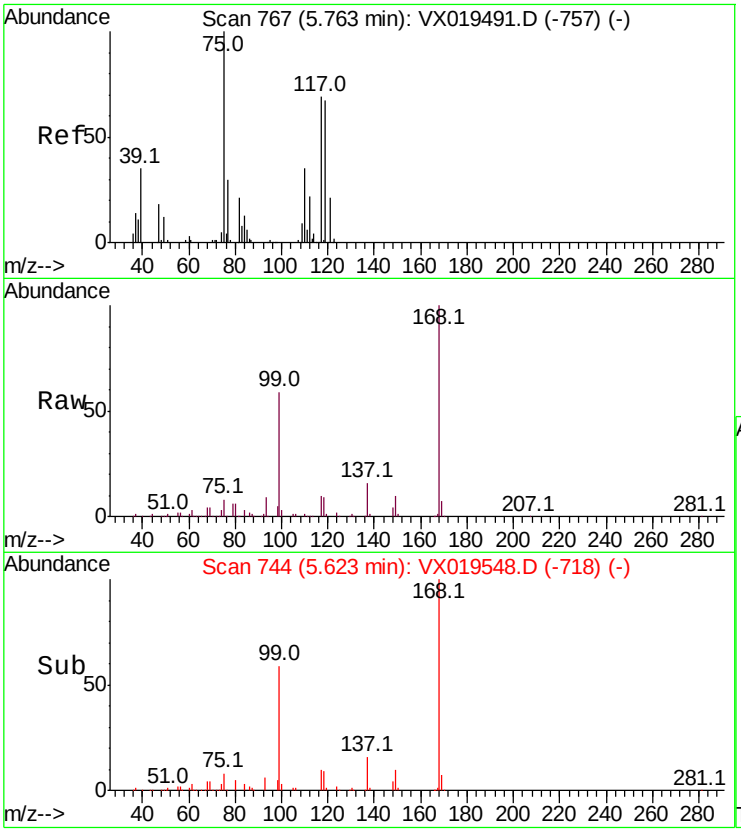


#35
Dibromofluoromethane
Concen: 46.992 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion:113 Resp: 149960

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	20.5	16.2	24.2



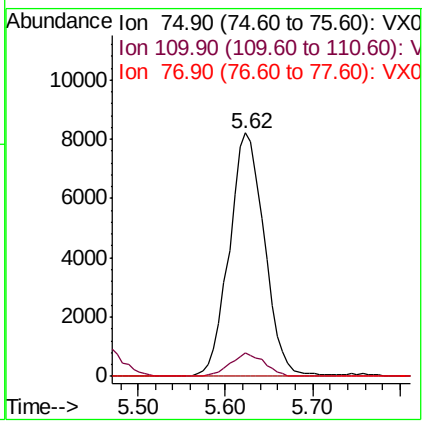


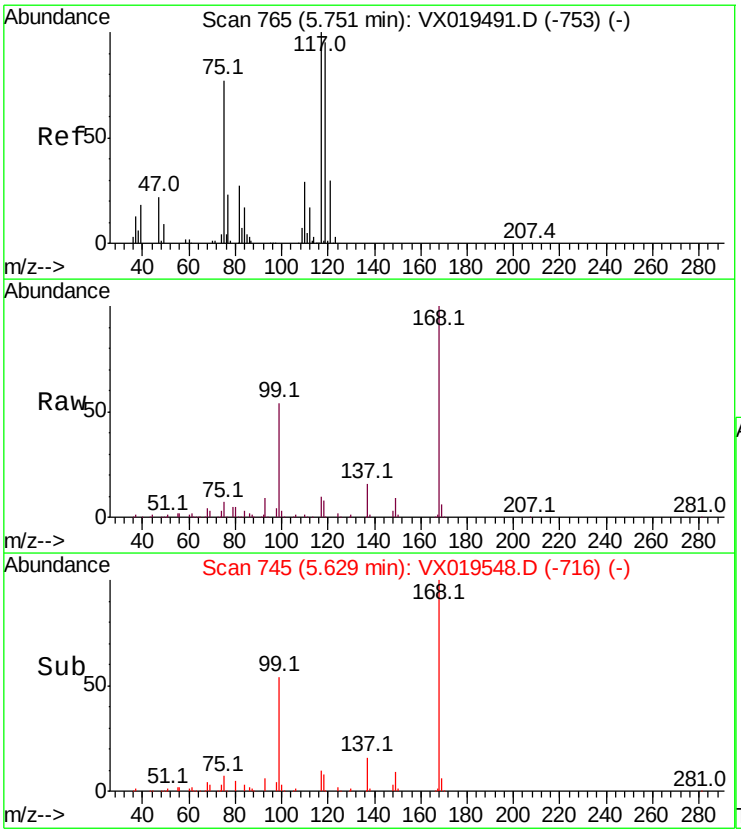
#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion: 75 Resp: 22944

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	24.2	36.4#

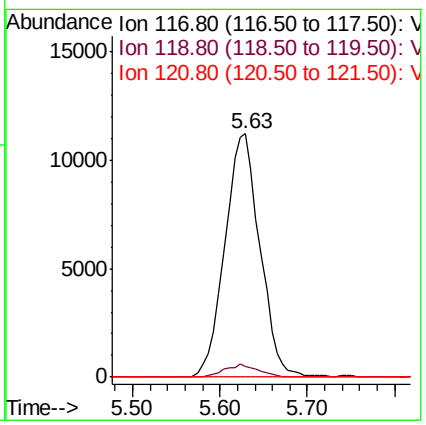


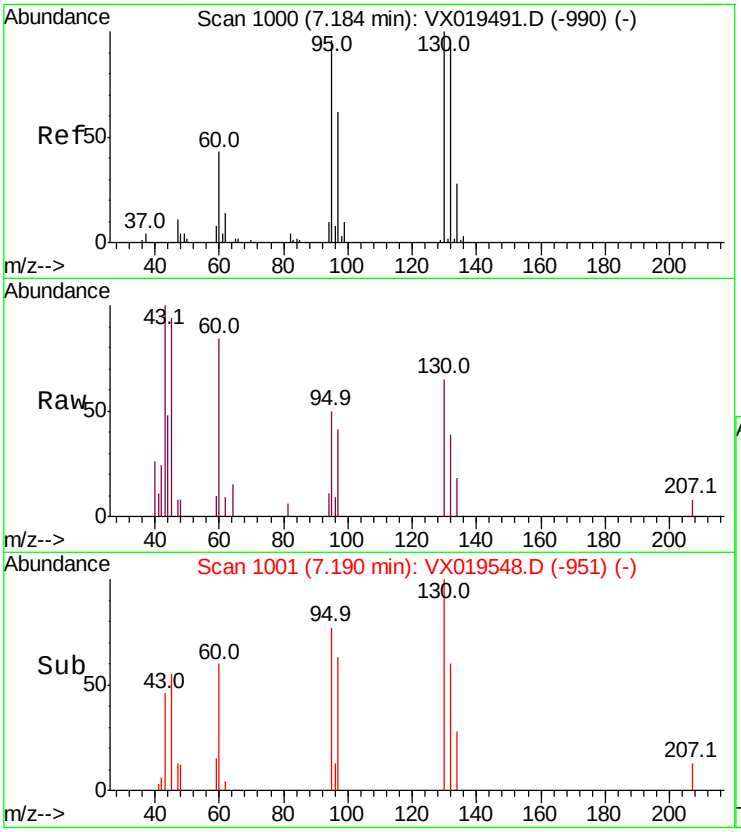


#38
Carbon Tetrachloride
Concen: 6.762 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion:117 Resp: 31196

Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.9	113.9#
121	0.0	24.0	36.0#



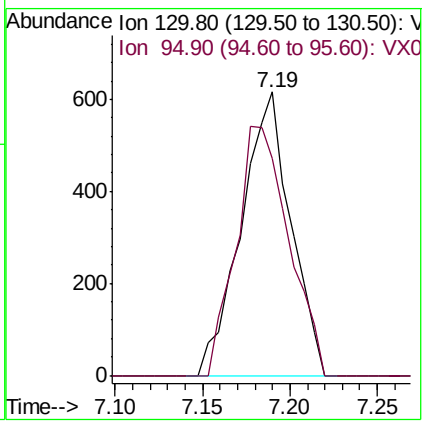


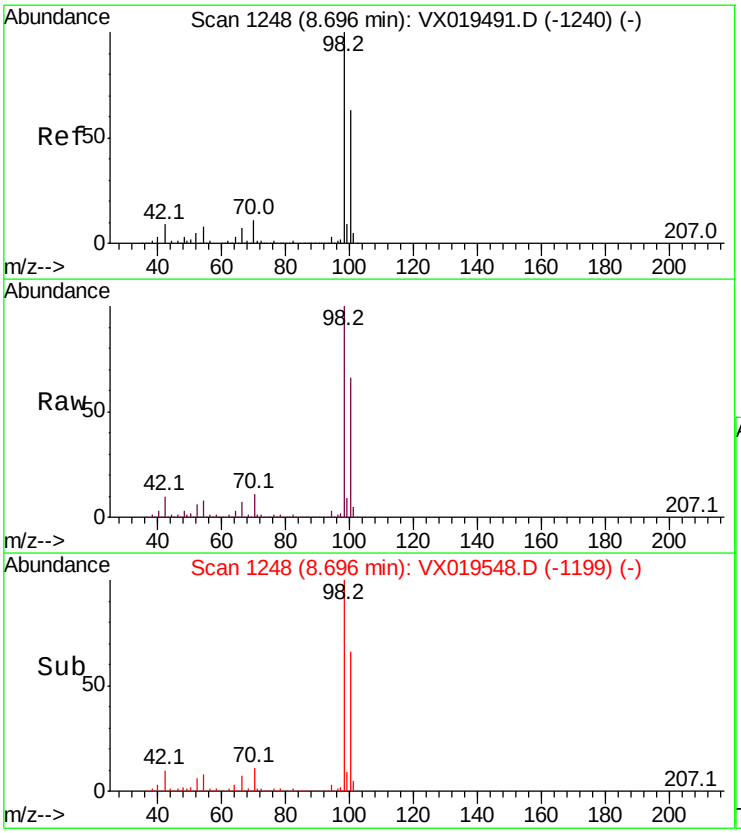
#44
Trichloroethene
Concen: 0.317 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion:130 Resp: 1216

Ion	Ratio	Lower	Upper
130	100		
95	76.6	0.0	191.2

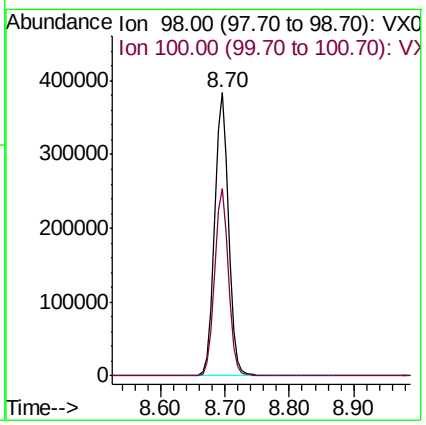


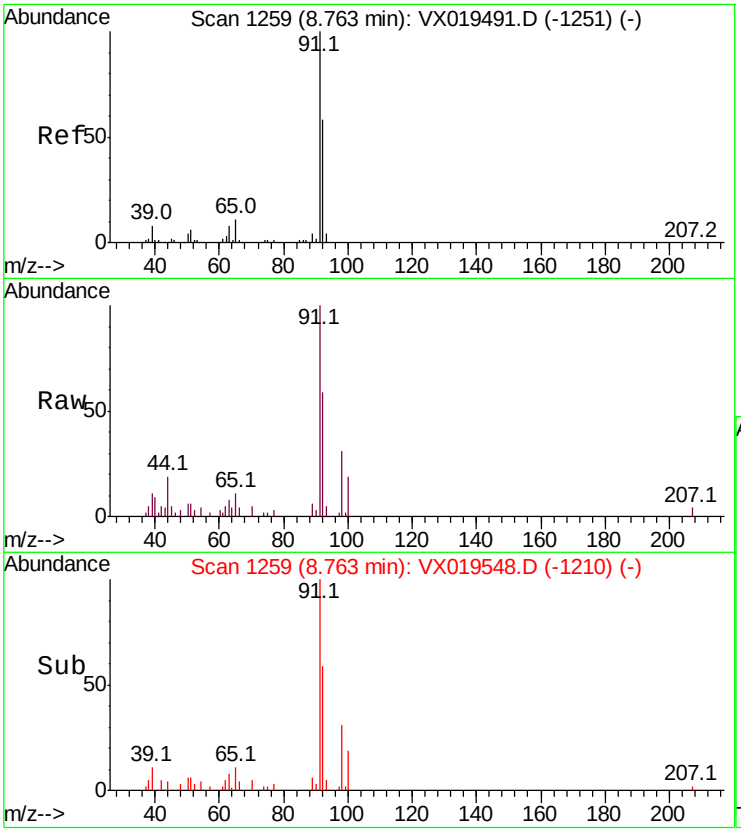


#50
Toluene-d8
Concen: 47.451 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion: 98 Resp: 588429

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6



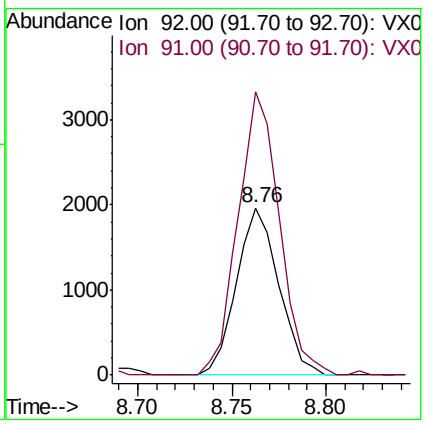


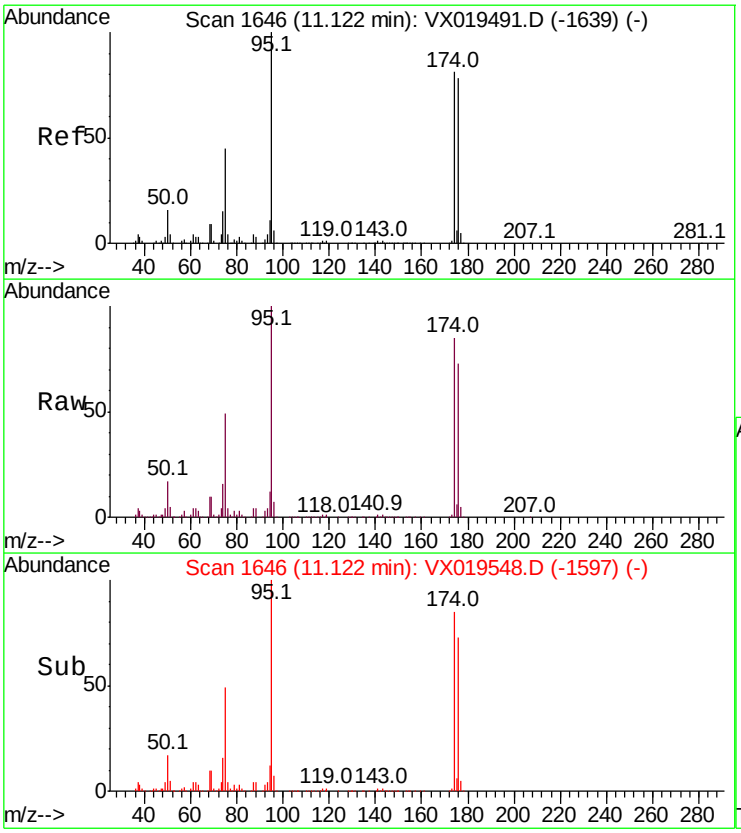
#52
Toluene
Concen: 0.340 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion: 92 Resp: 3049

Ion	Ratio	Lower	Upper
92	100		
91	166.3	138.1	207.1

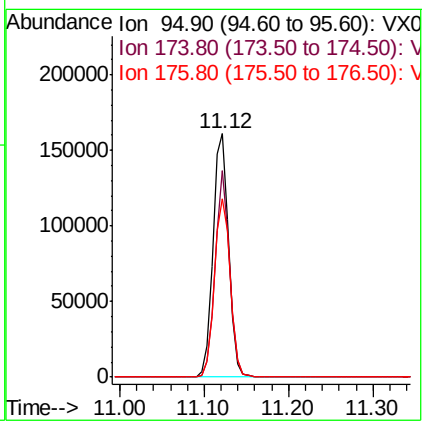


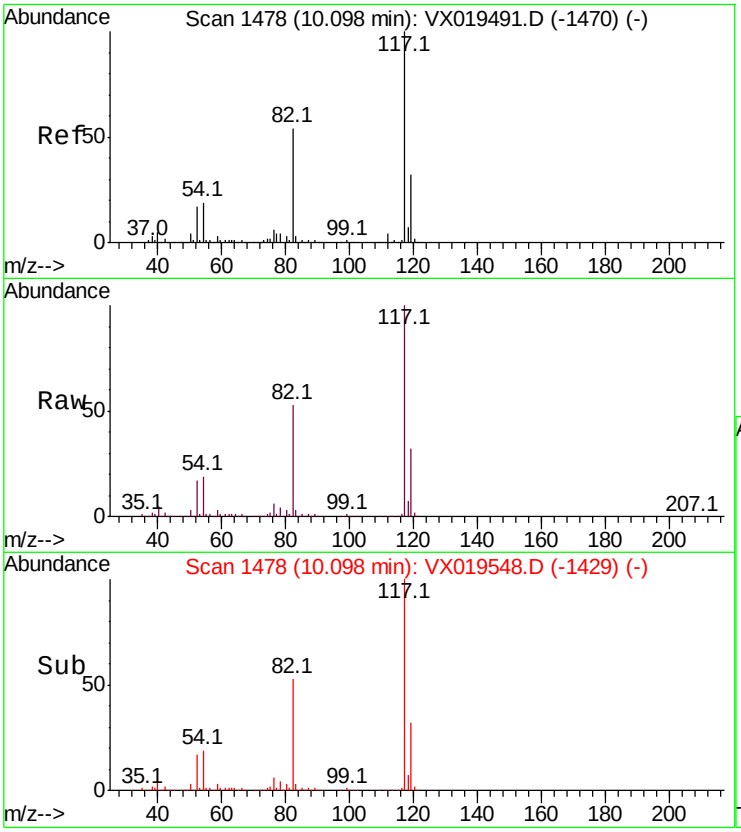


#62
4-Bromofluorobenzene
Concen: 46.325 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion: 95 Resp: 206682

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	156.2
176	74.3	0.0	151.4



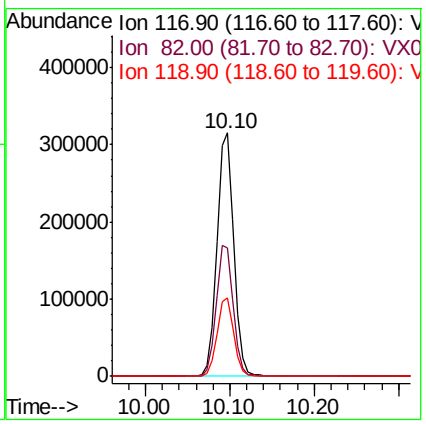


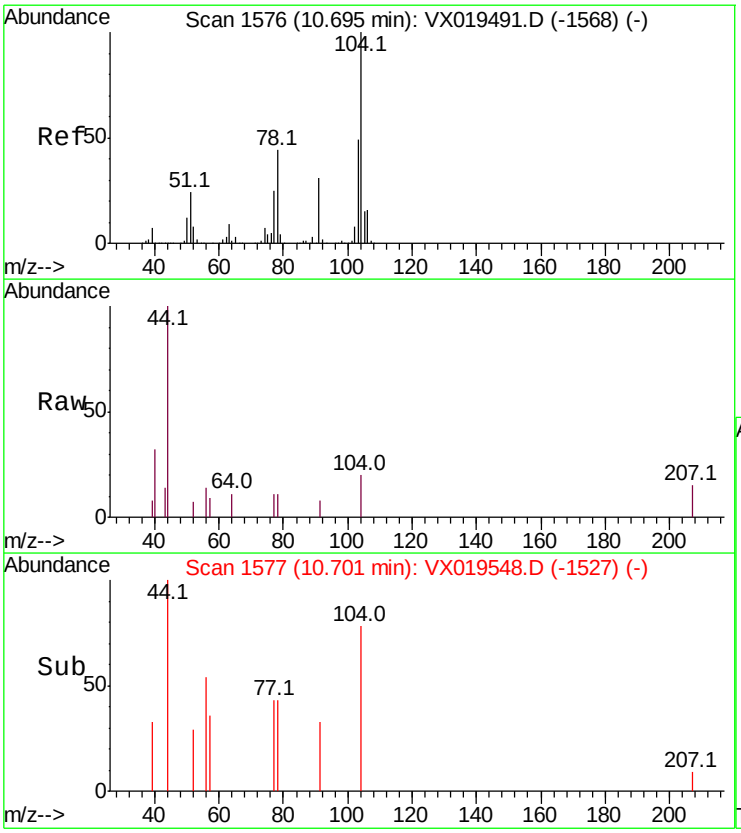
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion:117 Resp: 434716

Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	32.2	25.6	38.4

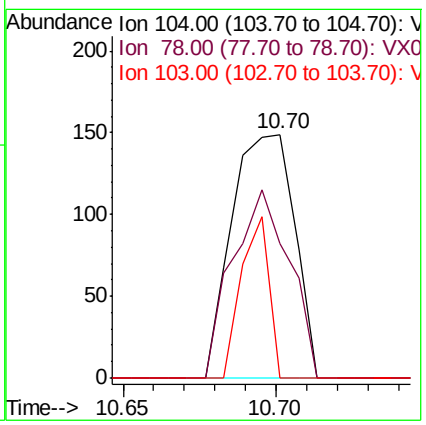


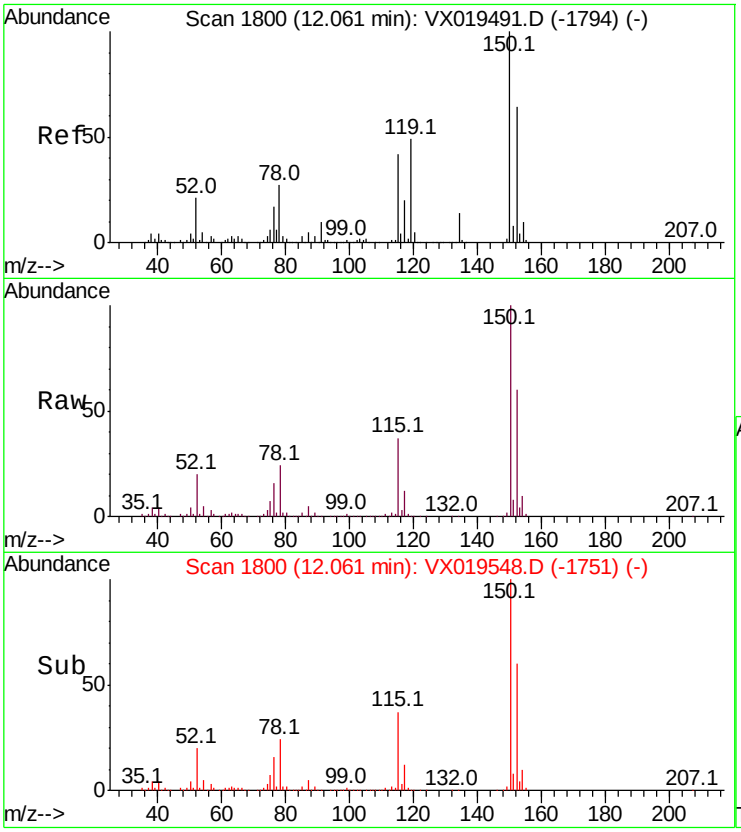


#70
Styrene
Concen: 1.666 ug/l
RT: 10.70 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion:104 Resp: 211

Ion	Ratio	Lower	Upper
104	100		
78	70.1	39.5	59.3#
103	29.4	43.6	65.4#



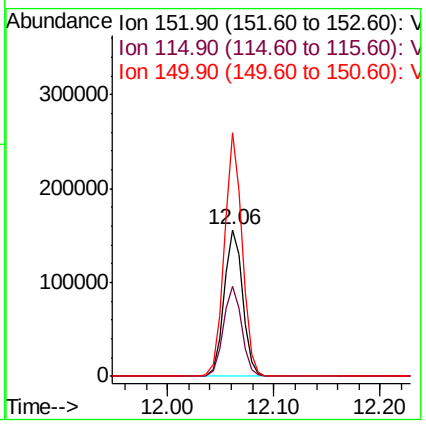


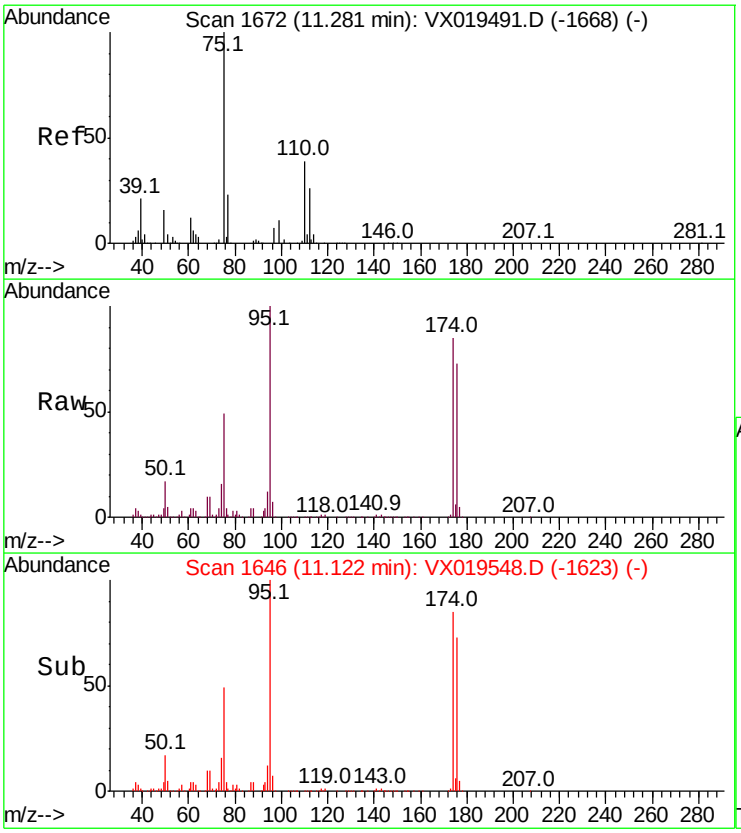
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion:152 Resp: 190581

Ion	Ratio	Lower	Upper
152	100		
115	60.6	41.8	125.4
150	159.0	0.0	348.2

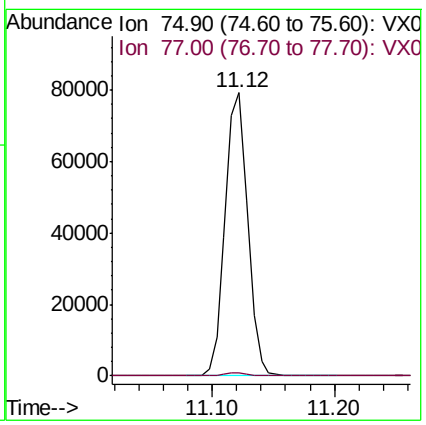


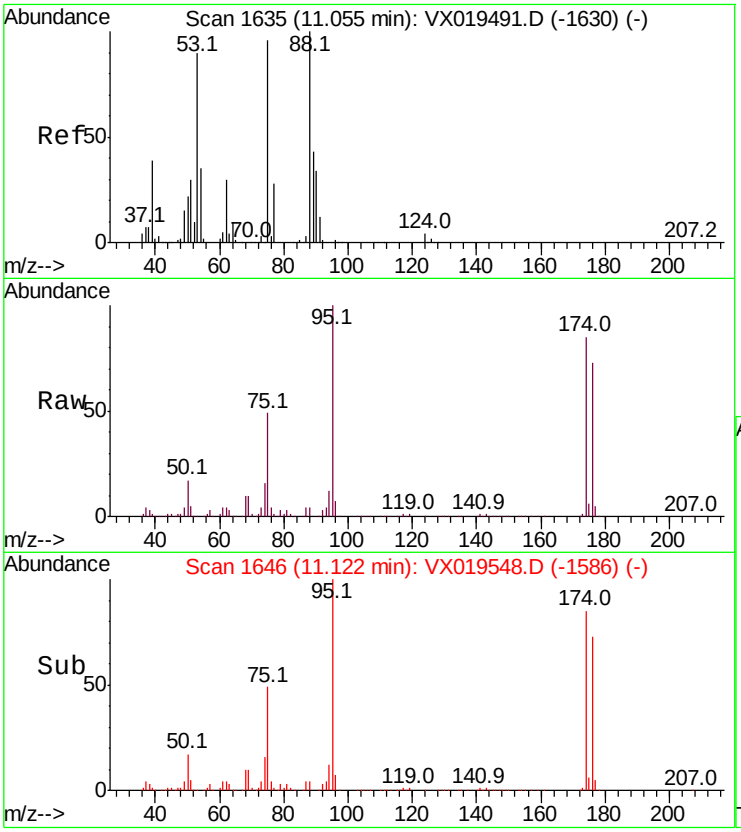


#76
1,2,3-Trichloropropane
Concen: 24.264 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion: 75 Resp: 100915

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.0	60.0#



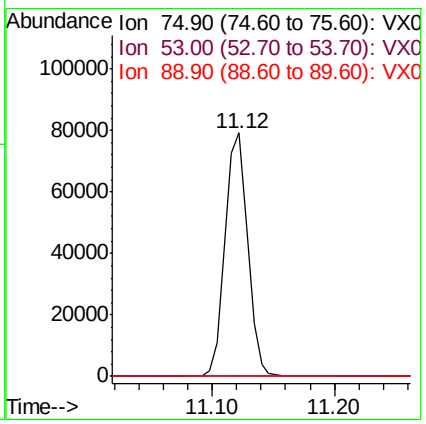


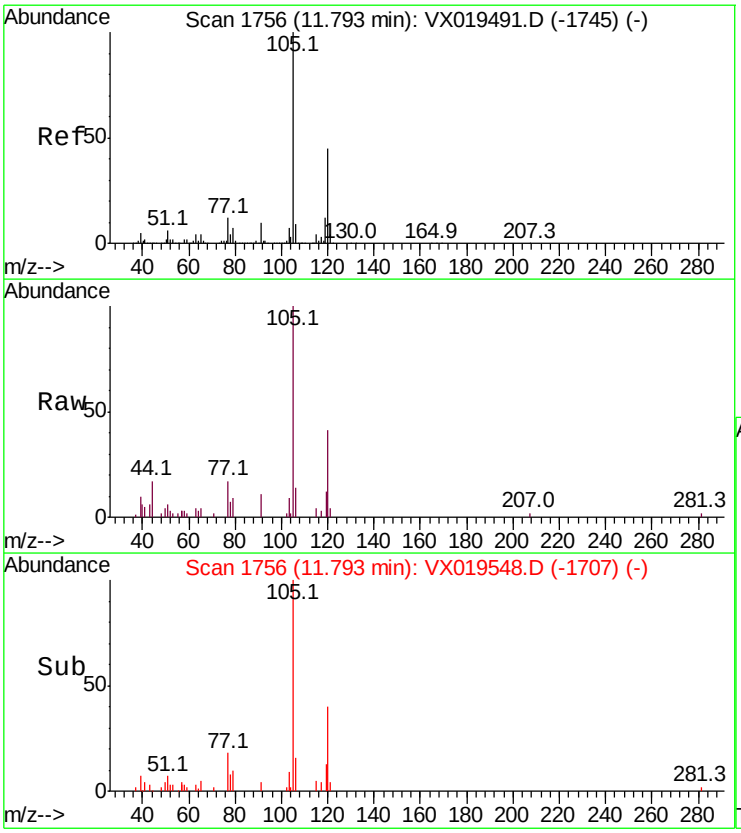
#81
trans-1,4-Dichloro-2-butene
Concen: 64.219 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion: 75 Resp: 100915

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	37.3	55.9#

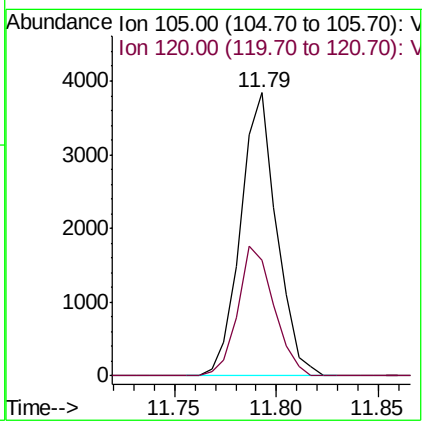


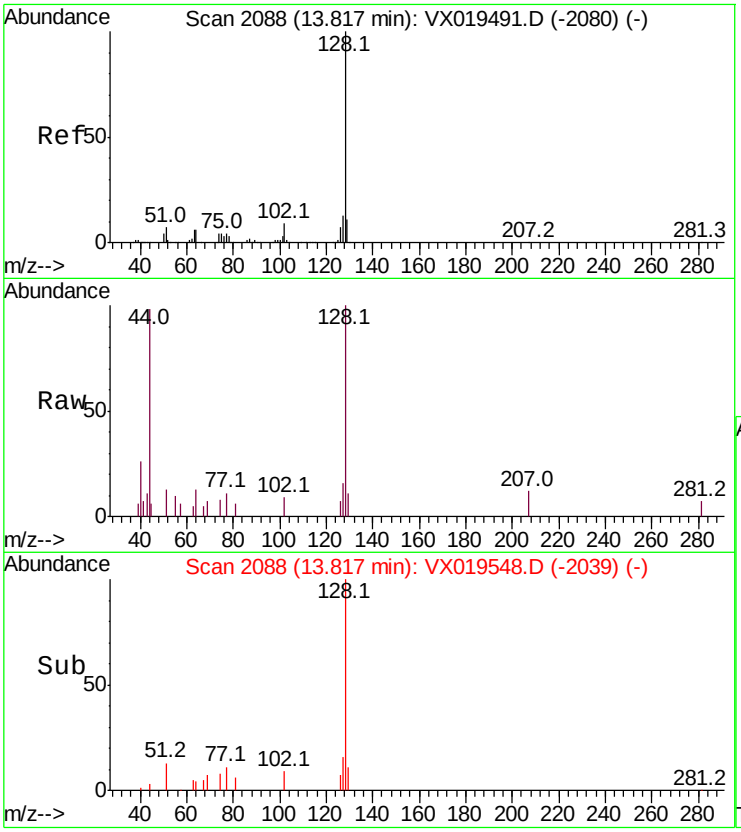


#84
1,2,4-Trimethylbenzene
Concen: 0.422 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Tgt Ion:105 Resp: 4720

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.2	66.6





#95
Naphthalene
Concen: 2.276 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019548.D
Acq: 23 Nov 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
GW-01

Tgt Ion:128 Resp: 1437

Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.3	15.5
129	7.3	8.7	13.1#