Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
Data File : VX020417.D
Acq On : 28 Dec 2020 16:57
Operator : JC/MD
Sample : L5227-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C5-GW

Quant Time: Dec 29 00:41:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.629	168	265605	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	6.830	114	435134	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.098	117	402283	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	190137	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.031	65	163796	46.01	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.02%				
35) Dibromofluoromethane	5.464	113	133883	48.10	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.20%				
50) Toluene-d8	8.695	98	526393	49.13	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.26%				
62) 4-Bromofluorobenzene	11.122	95	201301	49.09	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.18%				
Target Compounds							Qvalue
5) Bromomethane	1.636	94	367	0.31	ug/l		95
6) Chloroethane	1.605	64	1111	0.49	ug/l	#	43
10) Methyl Iodide	2.495	142	111	3.31	ug/l	#	82
11) Tert butyl alcohol	2.995	59	758	0.95	ug/l	#	73
16) Acetone	2.416	43	3875	2.39	ug/l		99
18) Methyl Acetate	2.751	43	768	0.21	ug/l	#	71
25) 2-Butanone	4.635	43	486	0.21	ug/l	#	76
29) Tetrahydrofuran	5.111	42	482	0.32	ug/l	#	57
31) Cyclohexane	5.629	56	4983	1.02	ug/l	#	1
36) 1,1-Dichloropropene	5.623	75	20045	4.66	ug/l	#	48
38) Carbon Tetrachloride	5.629	117	25882	6.33	ug/l	#	17
55) 1,1,2-Trichloroethane	9.147	97	1871	0.56	ug/l	#	19
73) Isopropylbenzene	11.000	105	44369	3.23	ug/l		99
74) N-amyl acetate	10.896	43	2305	0.42	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	11.262	83	2097	0.42	ug/l	#	36
76) 1,2,3-Trichloropropane	11.122	75	94773	20.24	ug/l	#	39
78) n-propylbenzene	11.341	91	64510	4.08	ug/l		98
79) 2-Chlorotoluene	11.341	91	64510	6.54	ug/l	#	41
81) trans-1,4-Dichloro-2-b...	11.122	75	94773	60.03	ug/l	#	12
82) 4-Chlorotoluene	11.341	91	64510	5.60	ug/l	#	45
83) tert-Butylbenzene	11.756	119	4923	0.44	ug/l		78
84) 1,2,4-Trimethylbenzene	11.927	105	91592	7.76	ug/l	#	31
85) sec-Butylbenzene	11.927	105	91592	7.11	ug/l		91
86) p-Isopropyltoluene	12.213	119	16776	1.41	ug/l		94
89) n-Butylbenzene	12.372	91	50060	4.81	ug/l		95
90) Hexachloroethane	12.652	117	20724	10.11	ug/l	#	9
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1761	1.68	ug/l	#	1
95) Naphthalene	13.835	128	4248	0.32	ug/l	#	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
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Misc : 5.0mL/MSVOA_X/WATER
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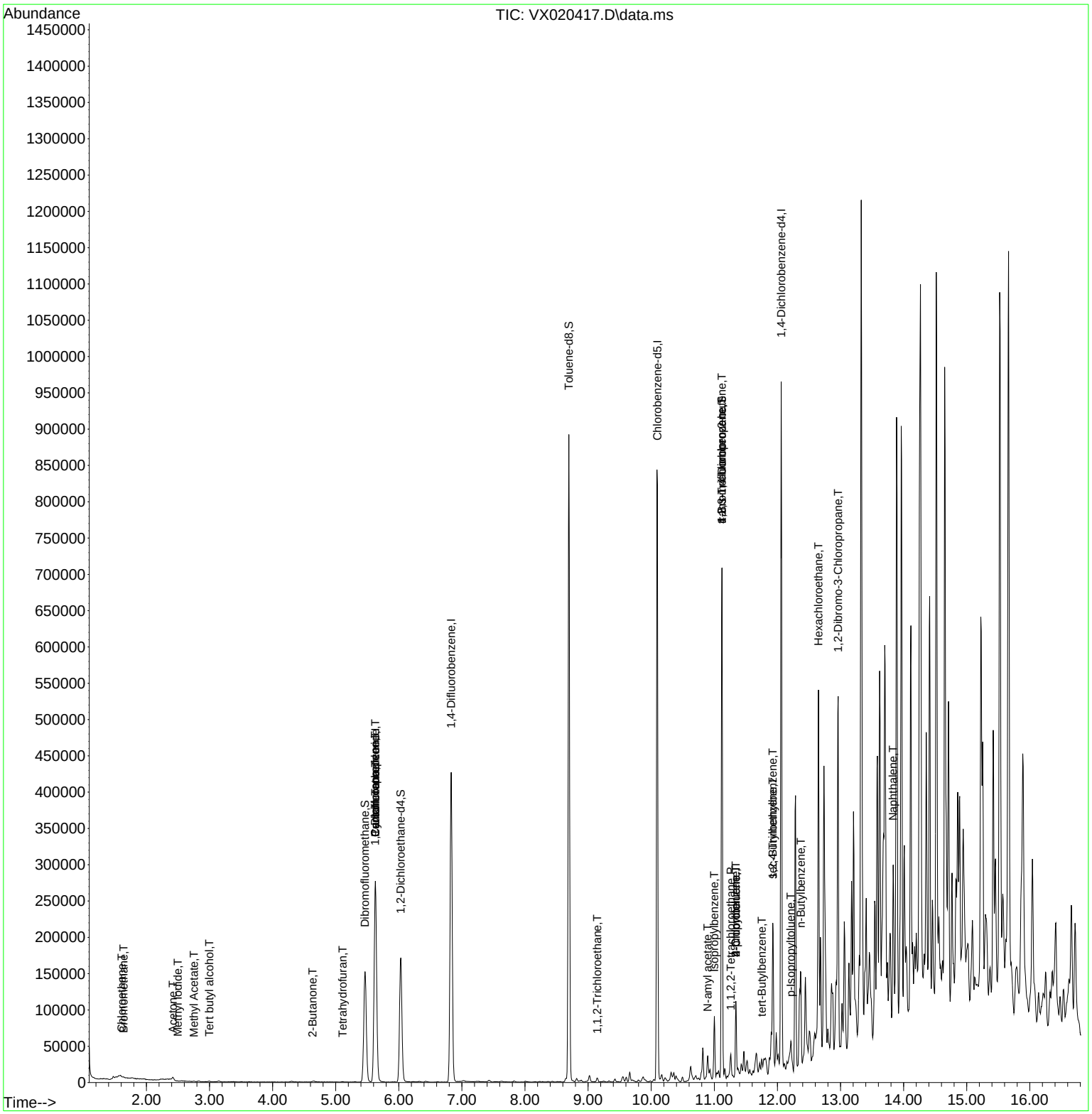
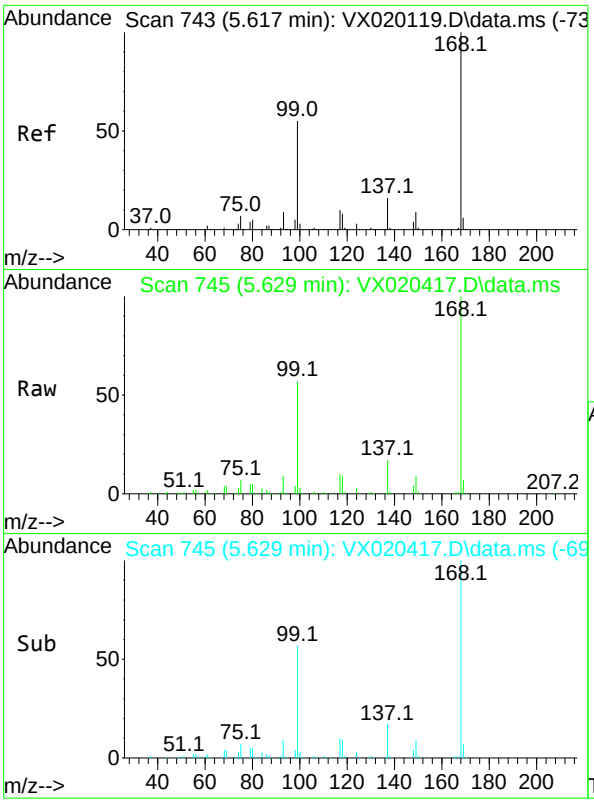
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

Quant Time: Dec 29 00:41:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



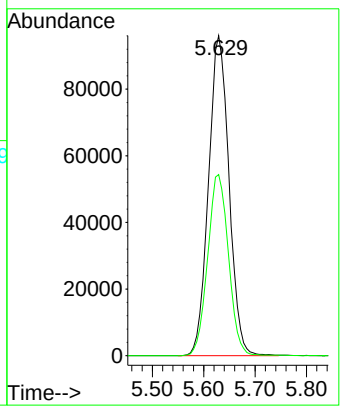
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

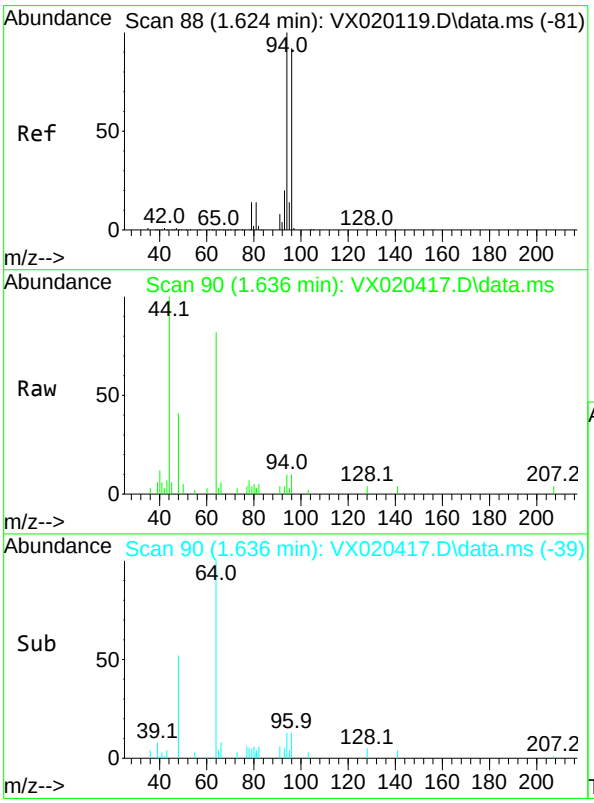


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:168 Resp: 265605

Ion	Ratio	Lower	Upper
168	100		
99	56.6	45.8	68.6

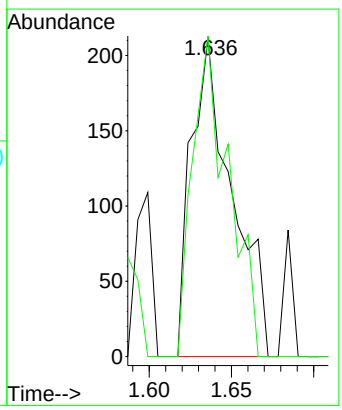


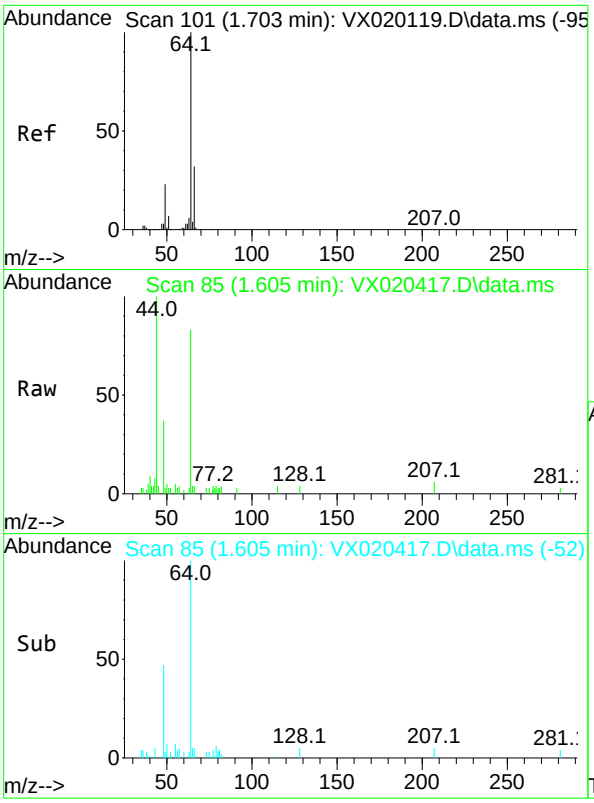


#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 94 Resp: 367

Ion	Ratio	Lower	Upper
94	100		
96	100.5	76.4	114.6

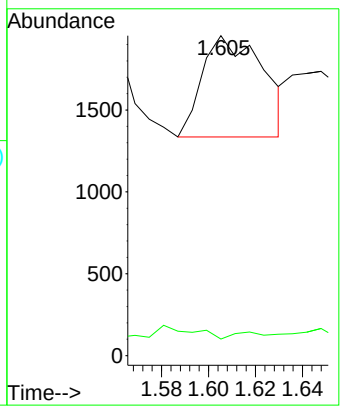




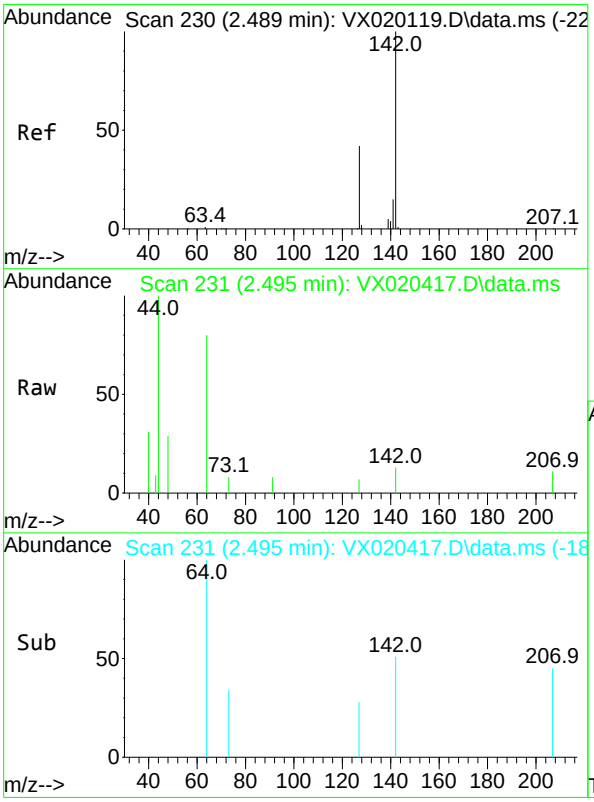
#6
Chloroethane
Concen: 0.49 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.098 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 64 Resp: 1111

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



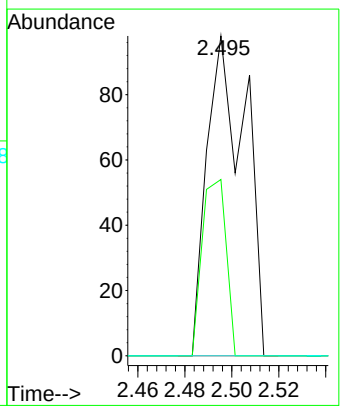
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW



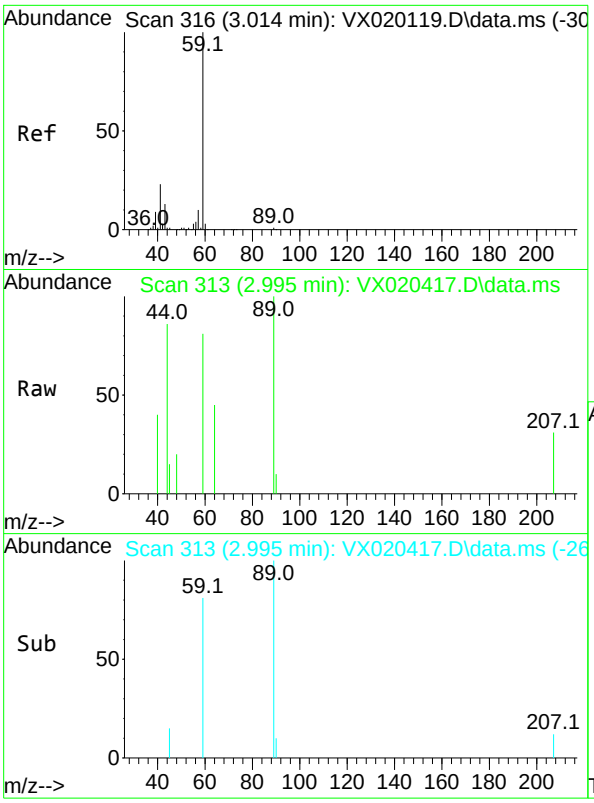
#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:142 Resp: 111

Ion	Ratio	Lower	Upper
142	100		
127	34.2	33.3	49.9
141	0.0	11.4	17.0#



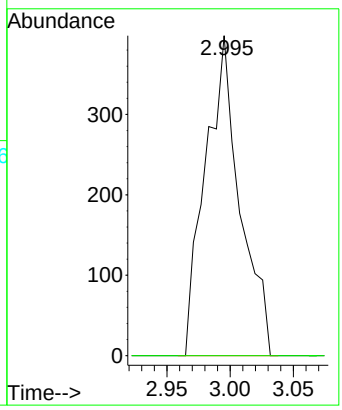
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

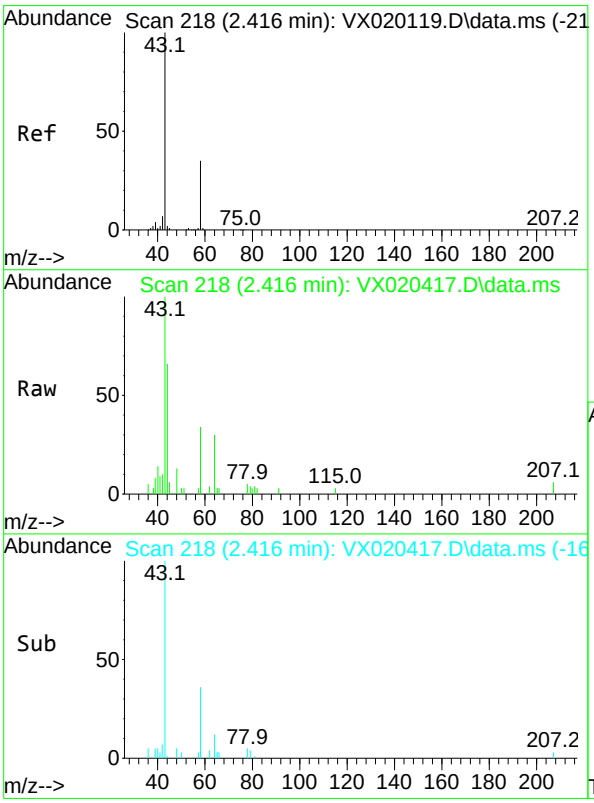


#11
Tert butyl alcohol
Concen: 0.95 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 59 Resp: 758

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

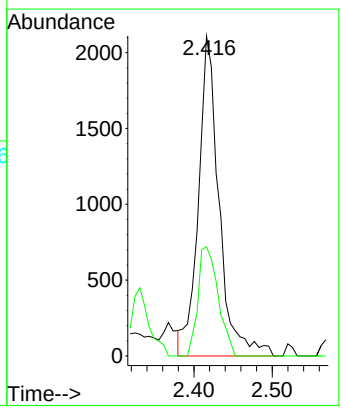


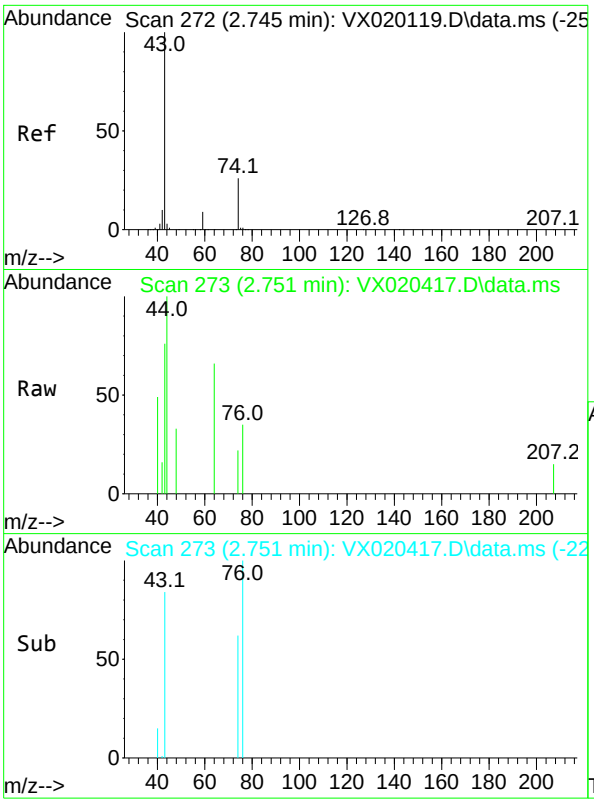


#16
Acetone
Concen: 2.39 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 43 Resp: 3875

Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.8	41.8

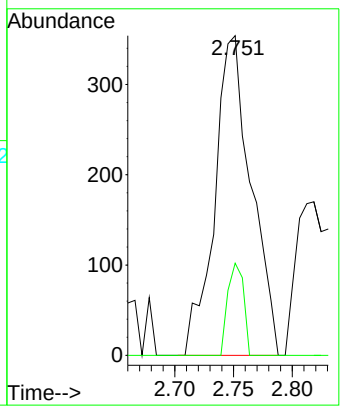




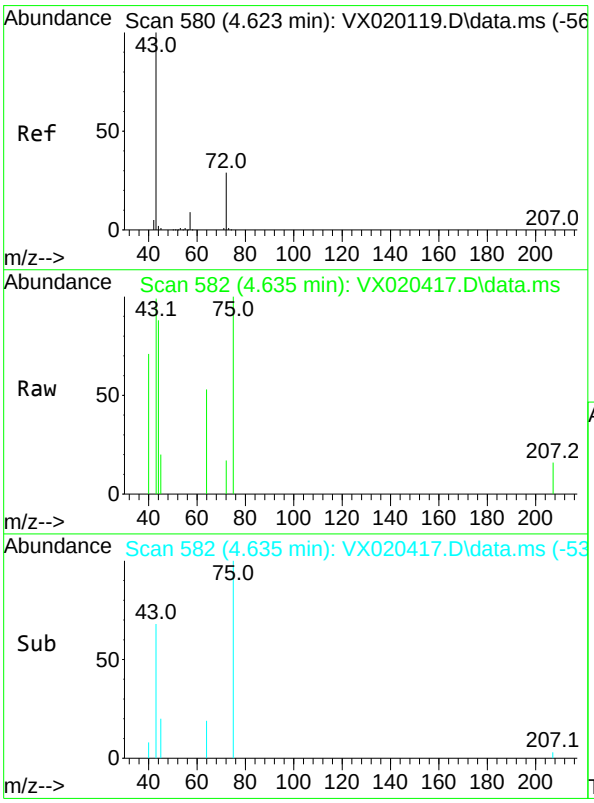
#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 43 Resp: 768

Ion	Ratio	Lower	Upper
43	100		
74	12.4	21.9	32.9#



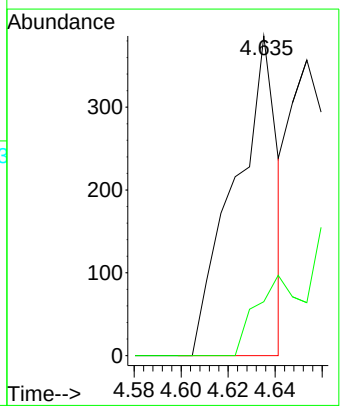
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW



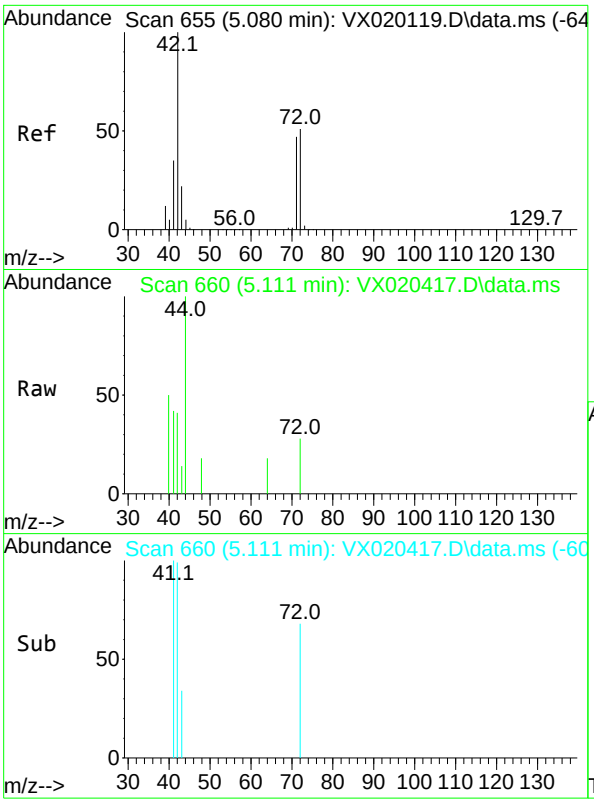
#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 43 Resp: 486

Ion	Ratio	Lower	Upper
43	100		
72	16.8	23.7	35.5#



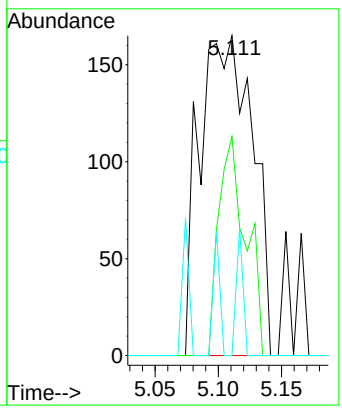
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

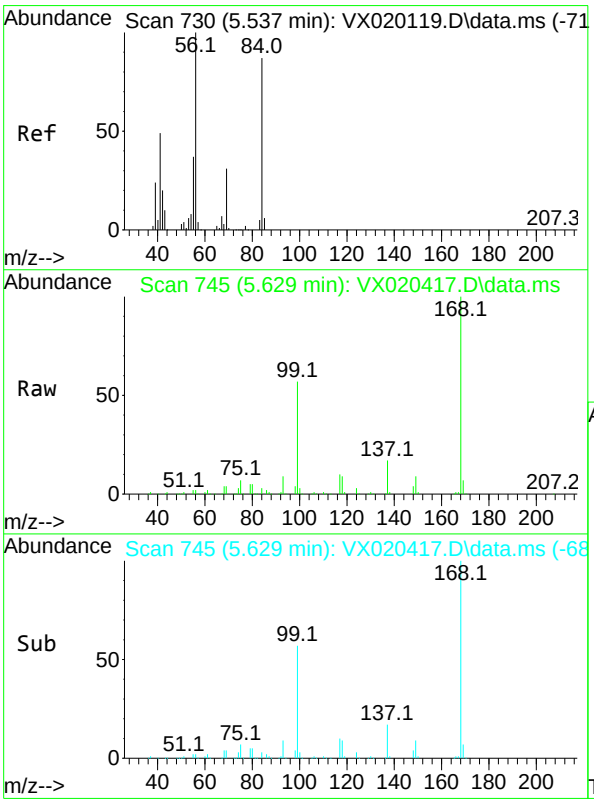


#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.031 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 42 Resp: 482

Ion	Ratio	Lower	Upper
42	100		
72	35.1	41.7	62.5#
71	5.0	38.4	57.6#

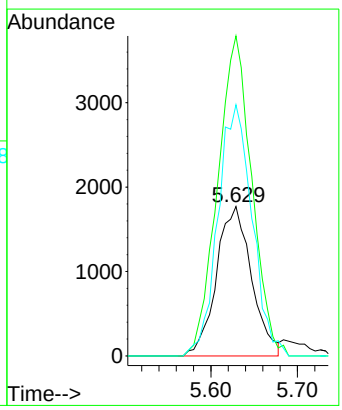




#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 56 Resp: 4983

Ion	Ratio	Lower	Upper
56	100		
69	214.1	25.3	37.9#
84	168.0	71.4	107.0#



Instrument :
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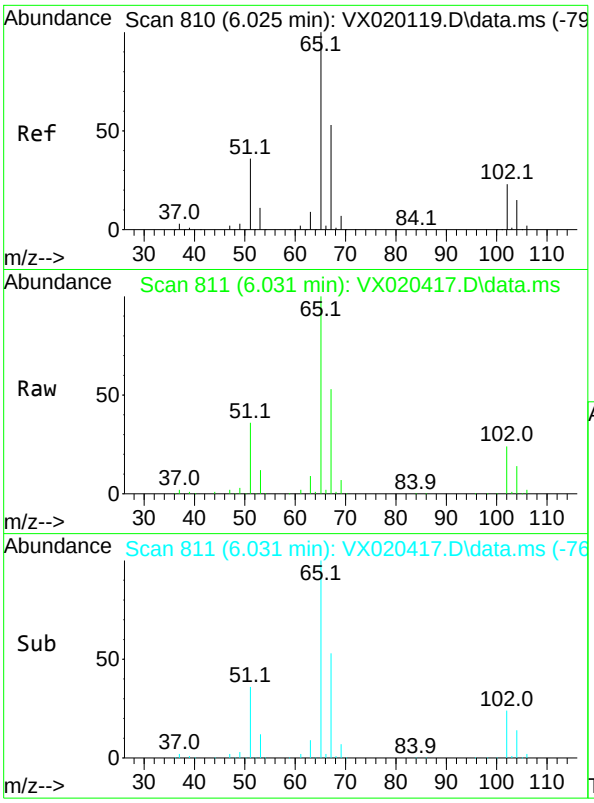
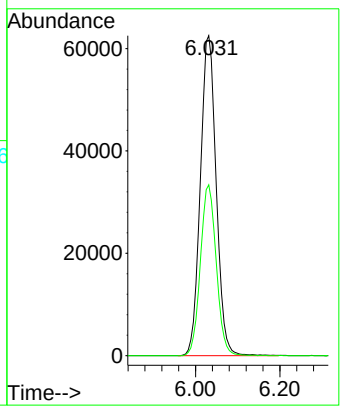
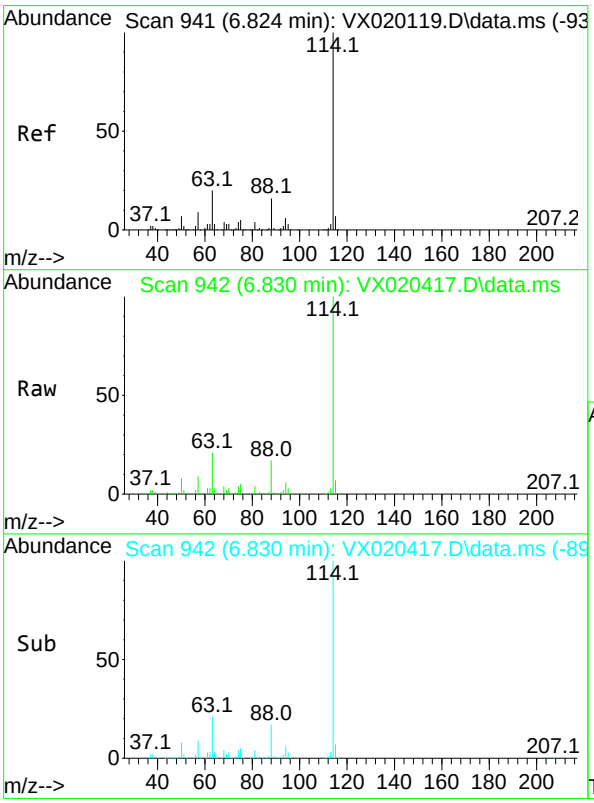


#33
1,2-Dichloroethane-d4
Concen: 46.01 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 65 Resp: 163796

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.4

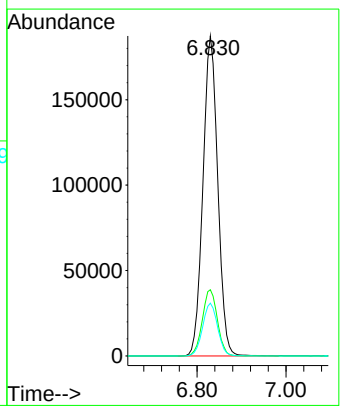




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:114 Resp: 435134

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.5	0.0	32.8



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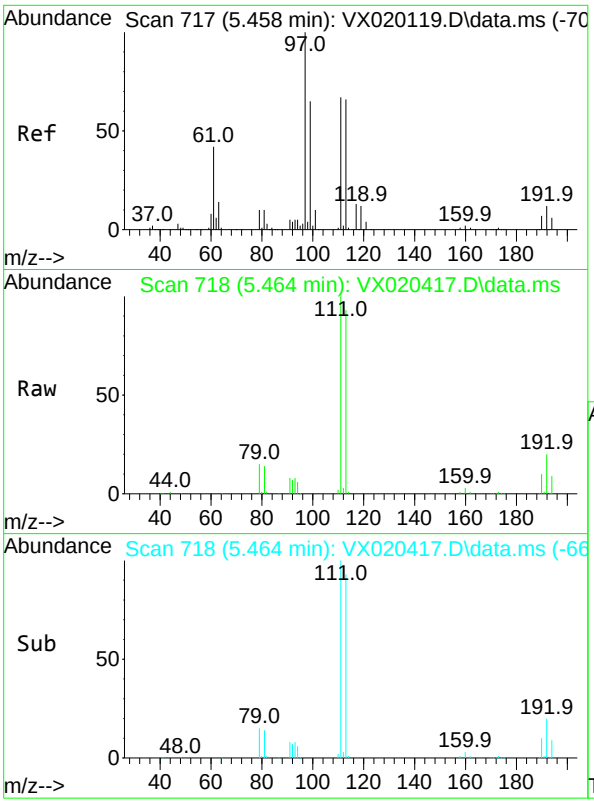
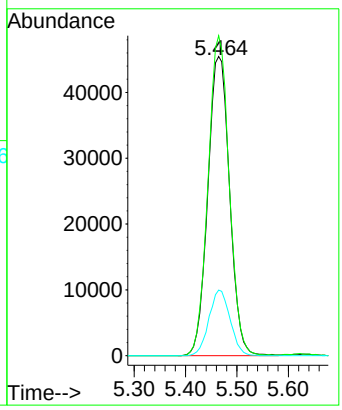
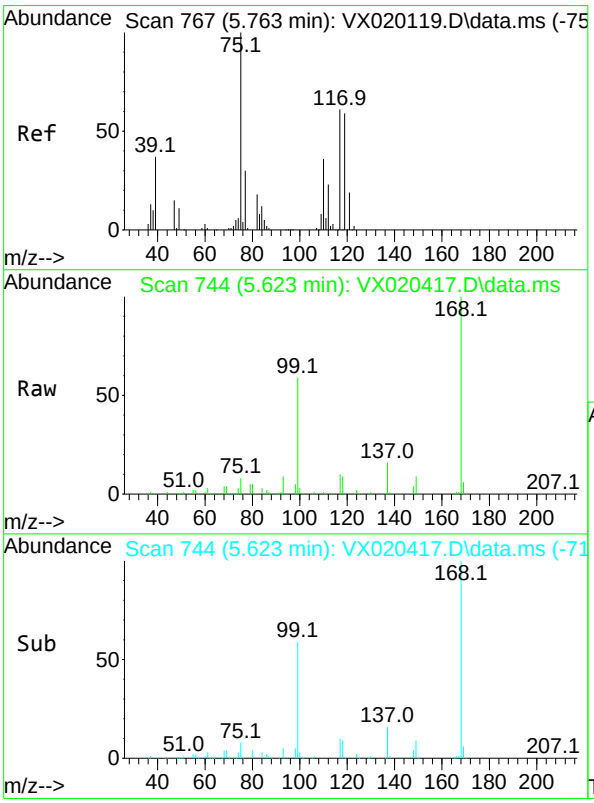


#35
Dibromofluoromethane
Concen: 48.10 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:113 Resp: 133883

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	21.3	16.7	25.1

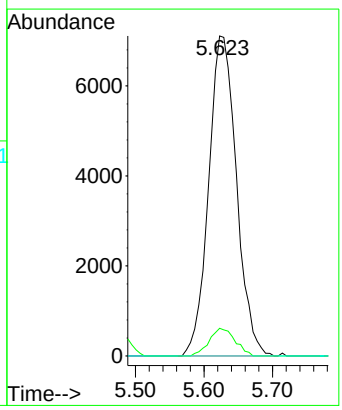




#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 75 Resp: 20045

Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.4#
77	0.0	25.3	37.9#



Instrument :
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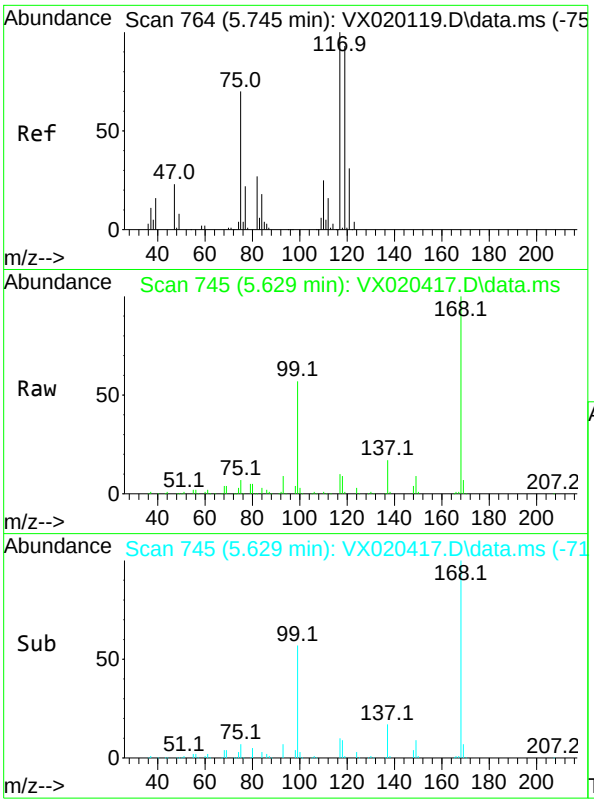
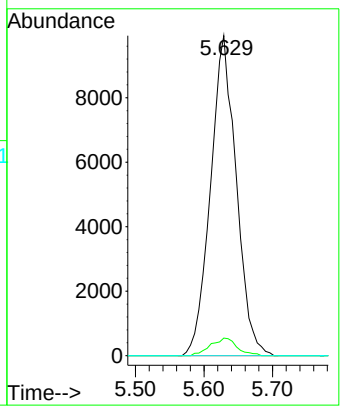
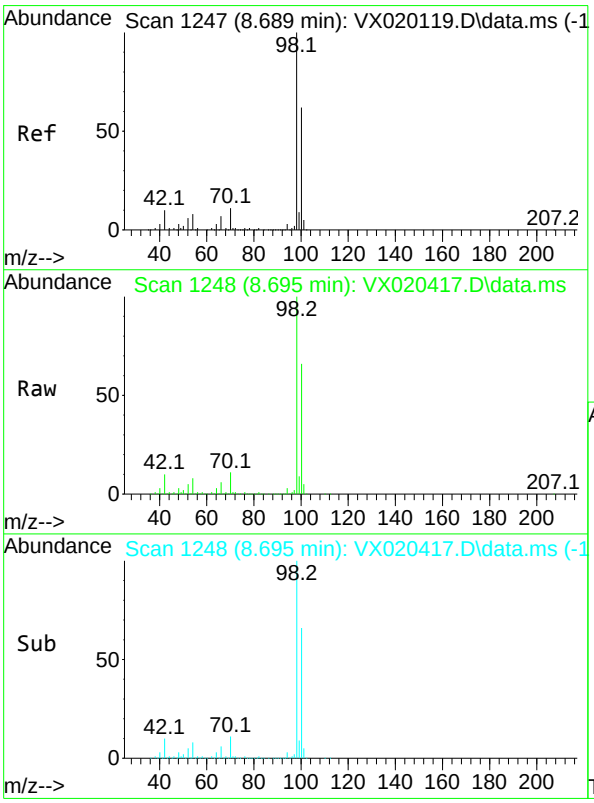


#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:117 Resp: 25882

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.2	114.2#
121	0.0	24.8	37.2#

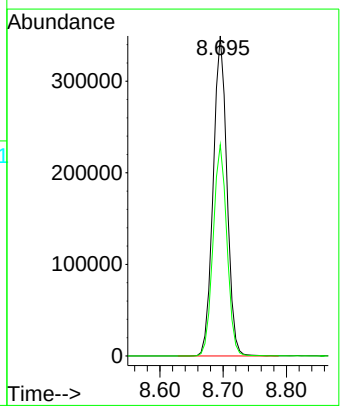




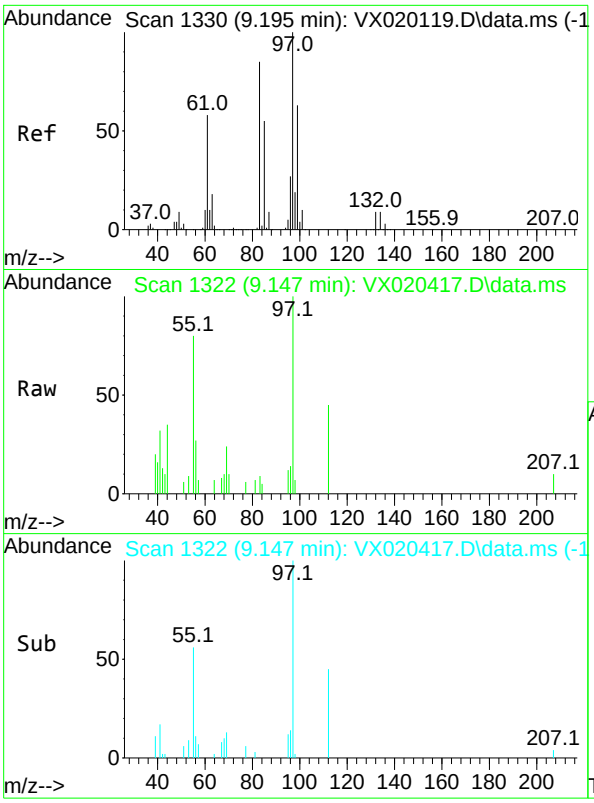
#50
Toluene-d8
Concen: 49.13 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 98 Resp: 526393

Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9



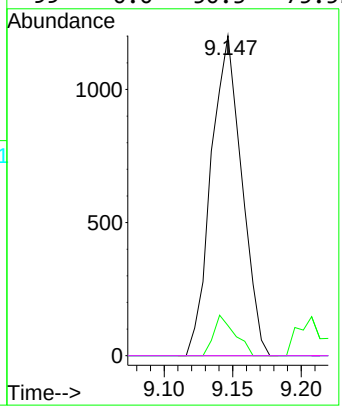
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

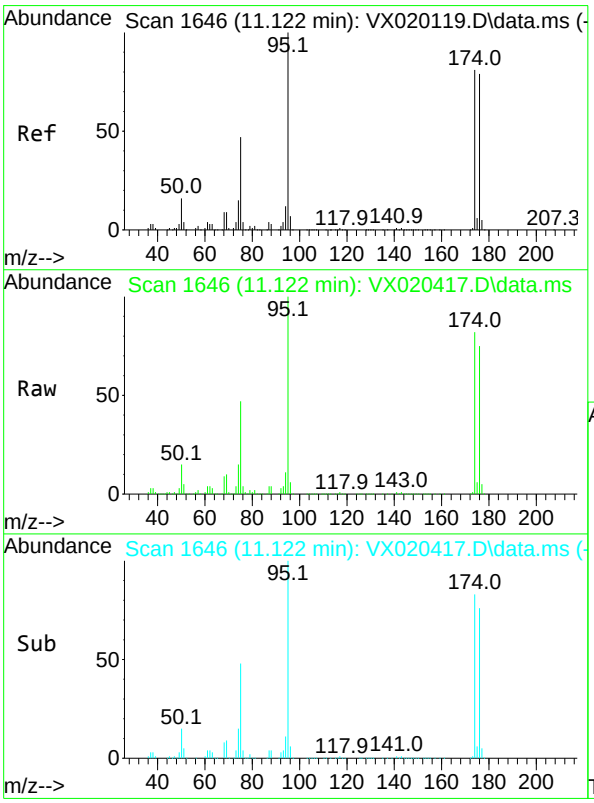


#55
1,1,2-Trichloroethane
Concen: 0.56 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.048 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 97 Resp: 1871

Ion	Ratio	Lower	Upper
97	100		
83	9.4	69.3	103.9#
85	0.0	44.3	66.5#
99	0.0	50.3	75.5#

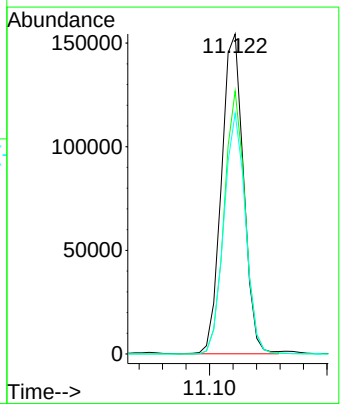




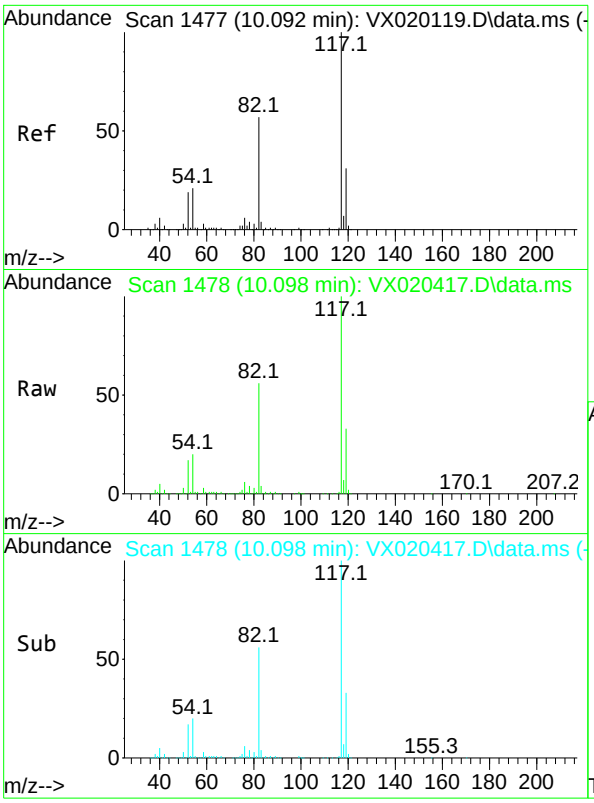
#62
4-Bromofluorobenzene
Concen: 49.09 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 95 Resp: 201301

Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	154.6
176	73.6	0.0	155.8



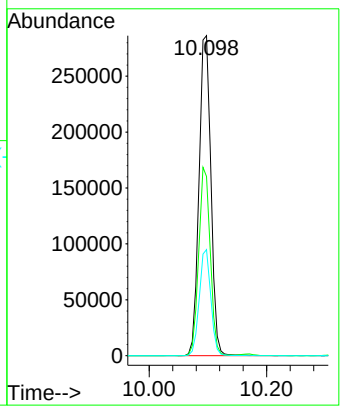
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

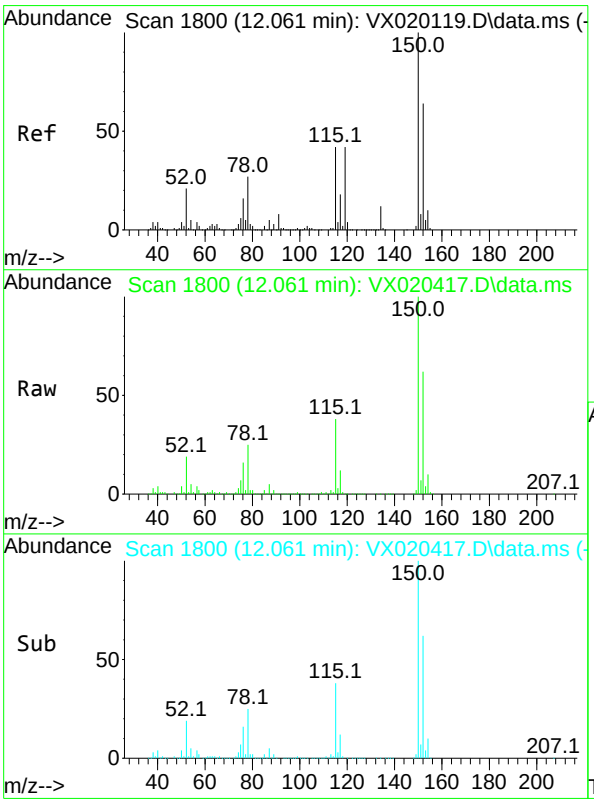


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:117 Resp: 402283

Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.4	71.2
119	33.2	26.6	39.8

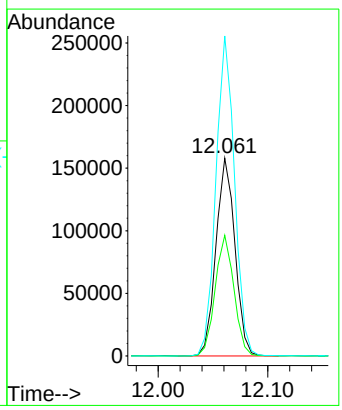


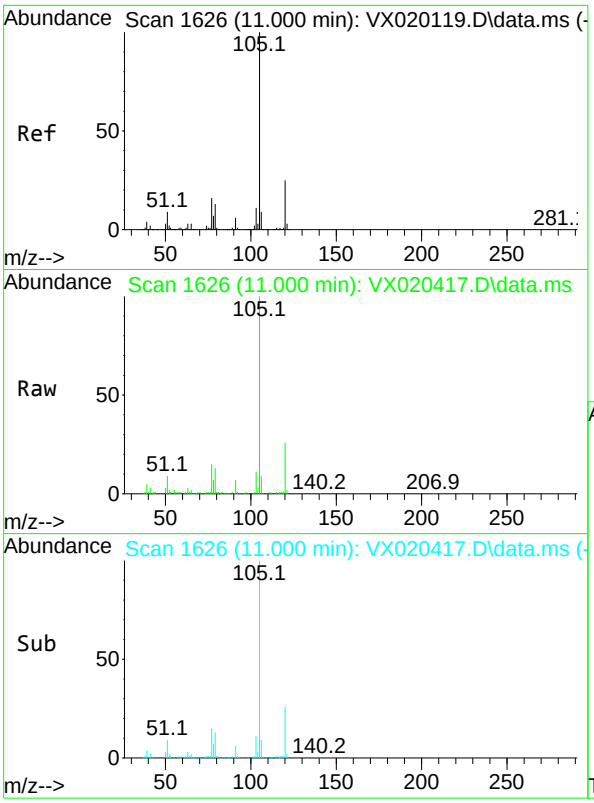


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:152 Resp: 190137

Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	158.7	0.0	349.0

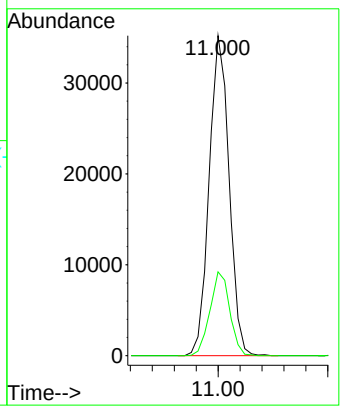




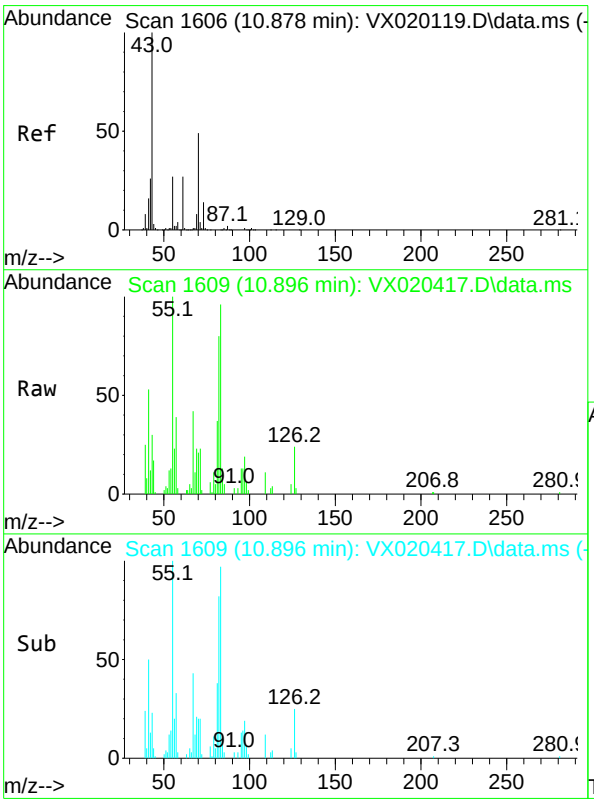
#73
Isopropylbenzene
Concen: 3.23 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:105 Resp: 44369

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.6



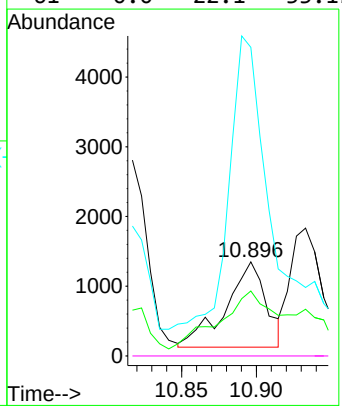
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW



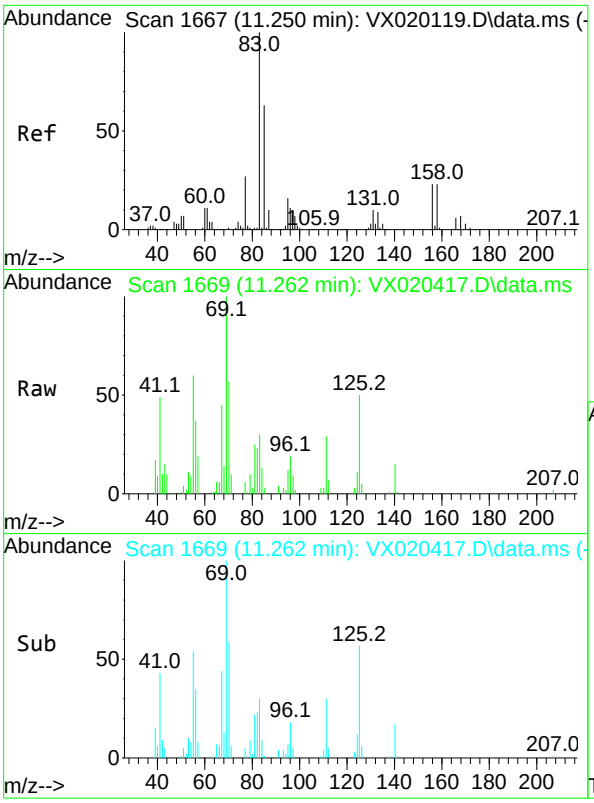
#74
N-amyl acetate
Concen: 0.42 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.018 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 43 Resp: 2305

Ion	Ratio	Lower	Upper
43	100		
70	101.0	39.0	58.6#
55	358.0	21.5	32.3#
61	0.0	22.1	33.1#



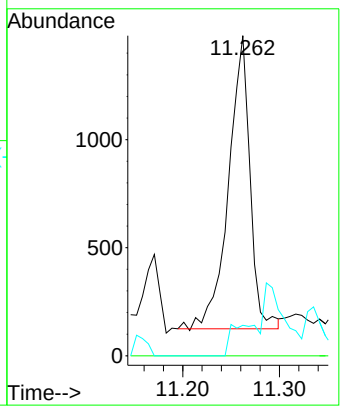
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

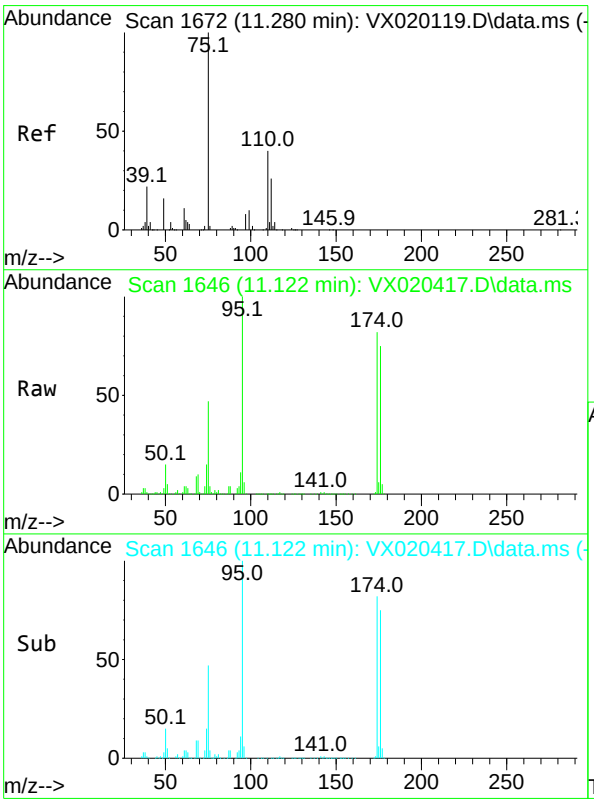


#75
1,1,2,2-Tetrachloroethane
Concen: 0.42 ug/l
RT: 11.262 min Scan# 1669
Delta R.T. 0.012 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 83 Resp: 2097

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.2#
85	9.6	31.8	95.4#

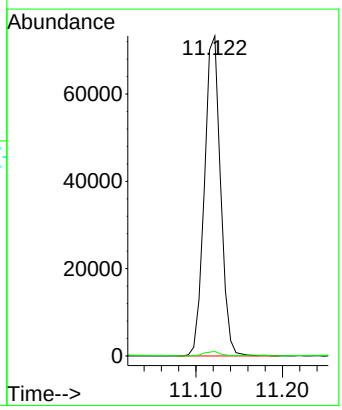




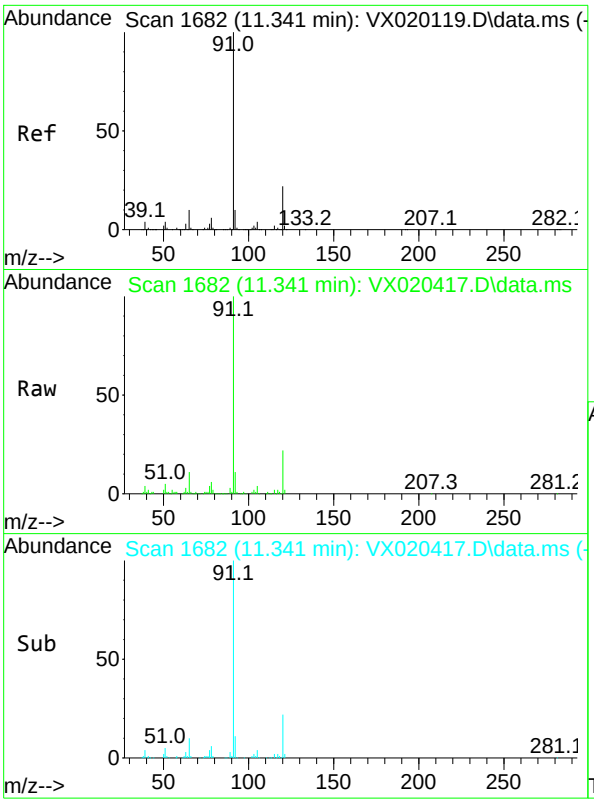
#76
1,2,3-Trichloropropane
Concen: 20.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 75 Resp: 94773

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.1	57.5#



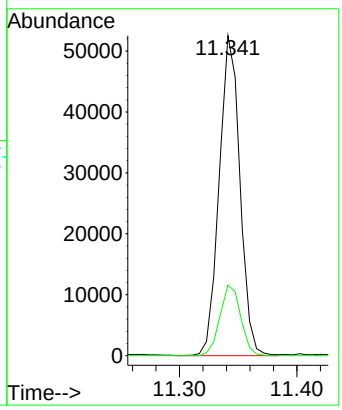
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

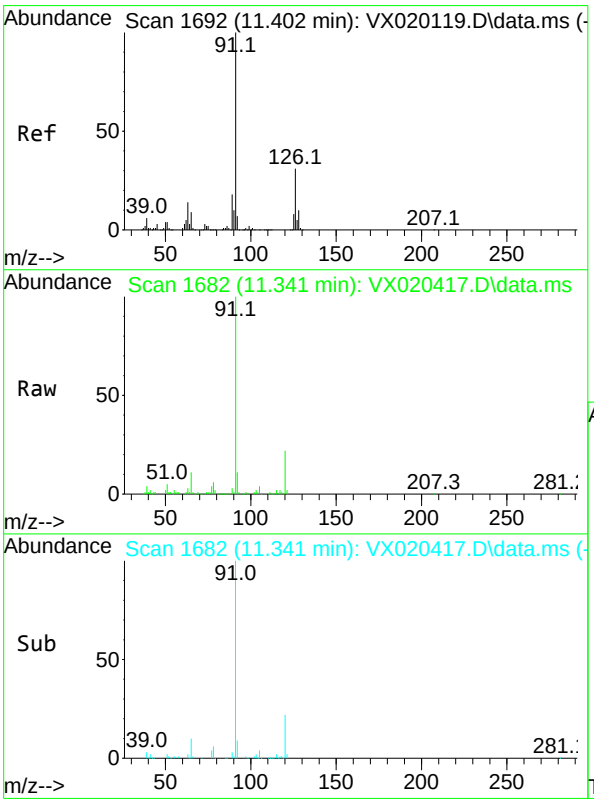


#78
n-propylbenzene
Concen: 4.08 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 91 Resp: 64510

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.5	34.5

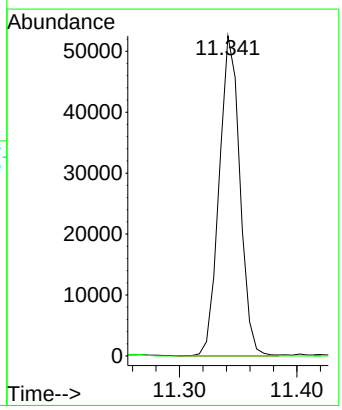




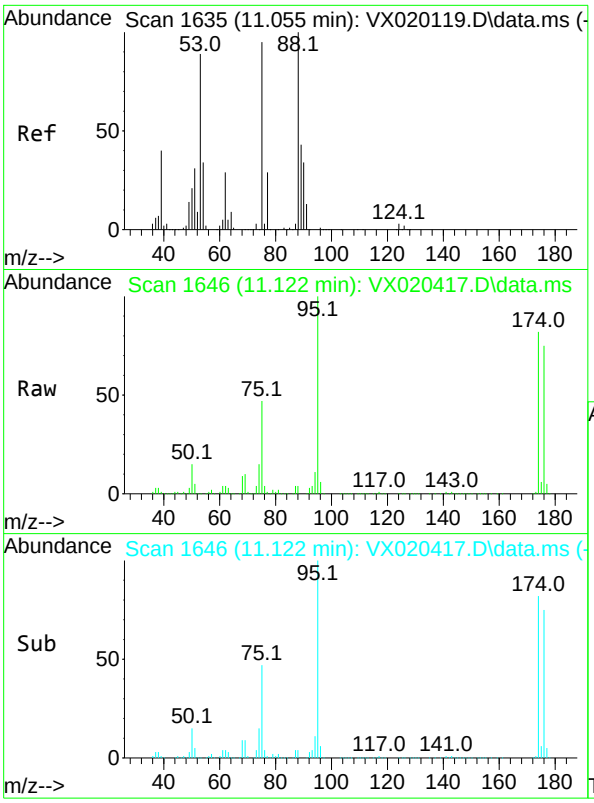
#79
2-Chlorotoluene
Concen: 6.54 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.061 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 91 Resp: 64510

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.6	49.8#



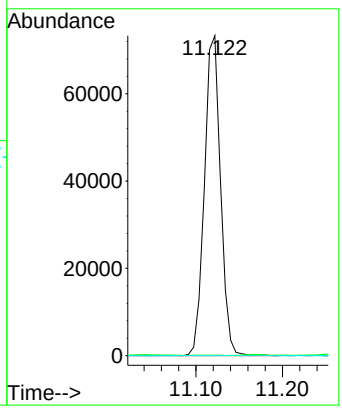
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

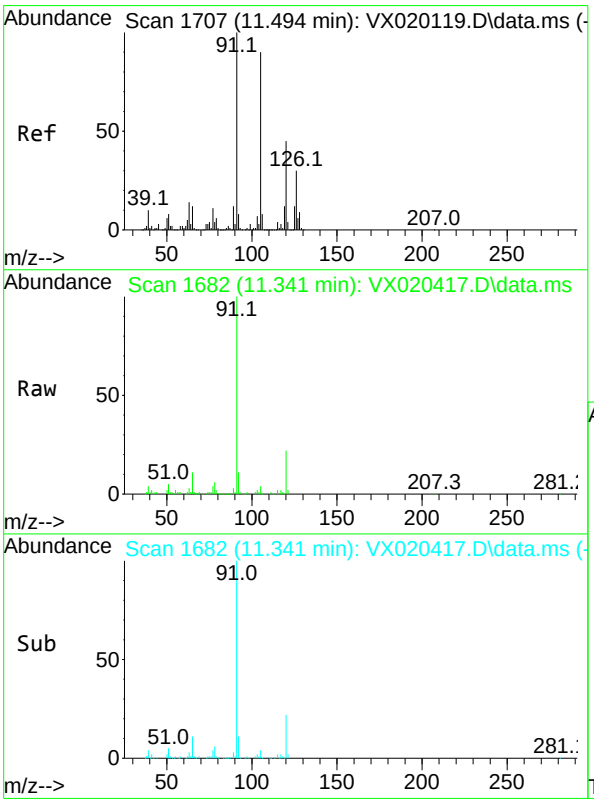


#81
trans-1,4-Dichloro-2-butene
Concen: 60.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 75 Resp: 94773

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#

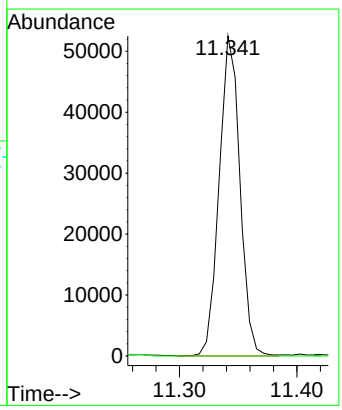




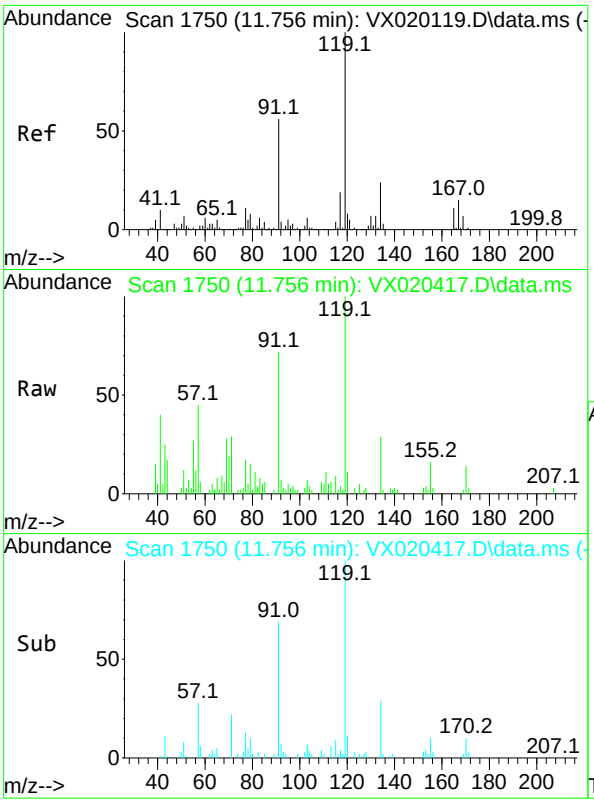
#82
4-Chlorotoluene
Concen: 5.60 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.153 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 91 Resp: 64510

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.9	44.5#



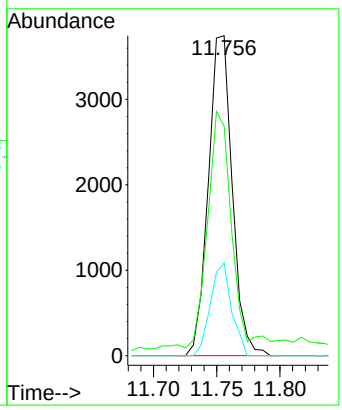
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

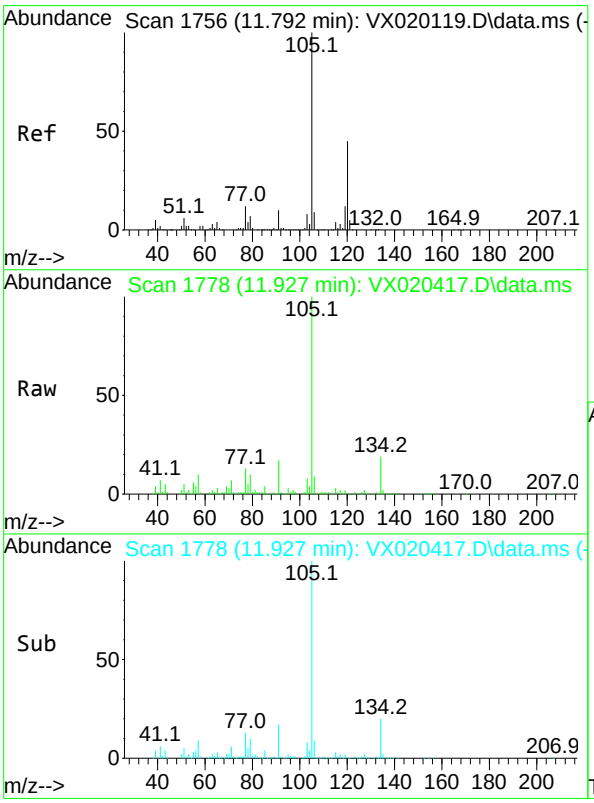


#83
tert-Butylbenzene
Concen: 0.44 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:119 Resp: 4923

Ion	Ratio	Lower	Upper
119	100		
91	76.1	27.9	83.7
134	25.7	11.3	33.9

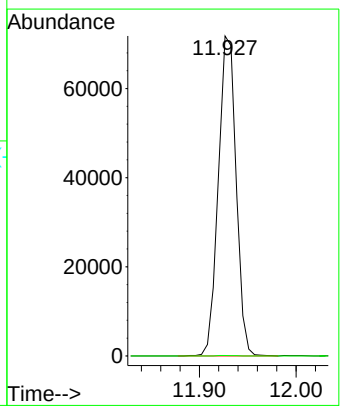




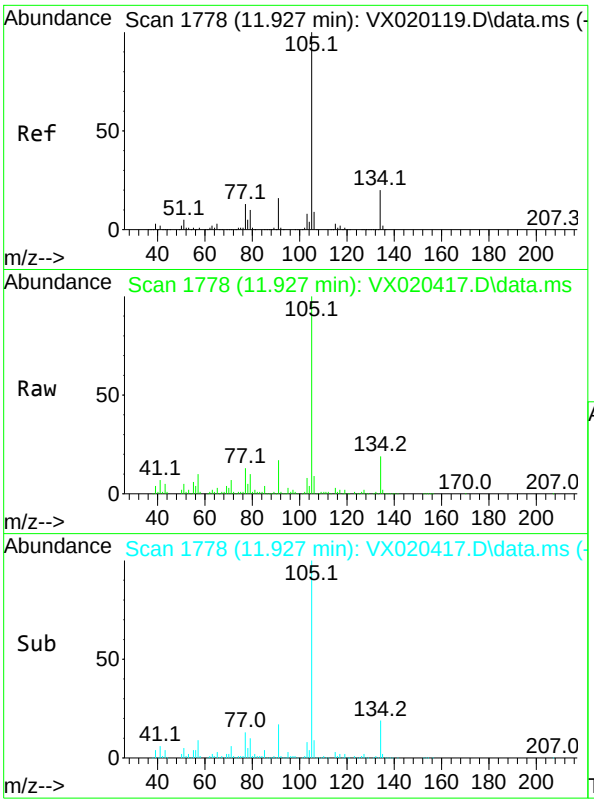
#84
1,2,4-Trimethylbenzene
Concen: 7.76 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. 0.135 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:105 Resp: 91592

Ion	Ratio	Lower	Upper
105	100		
120	0.1	22.4	67.3#



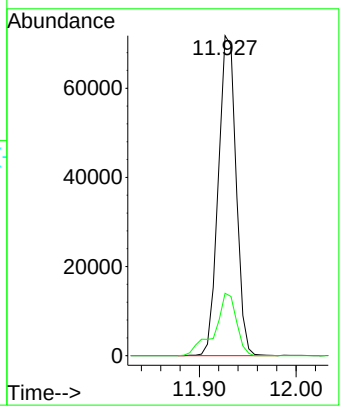
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

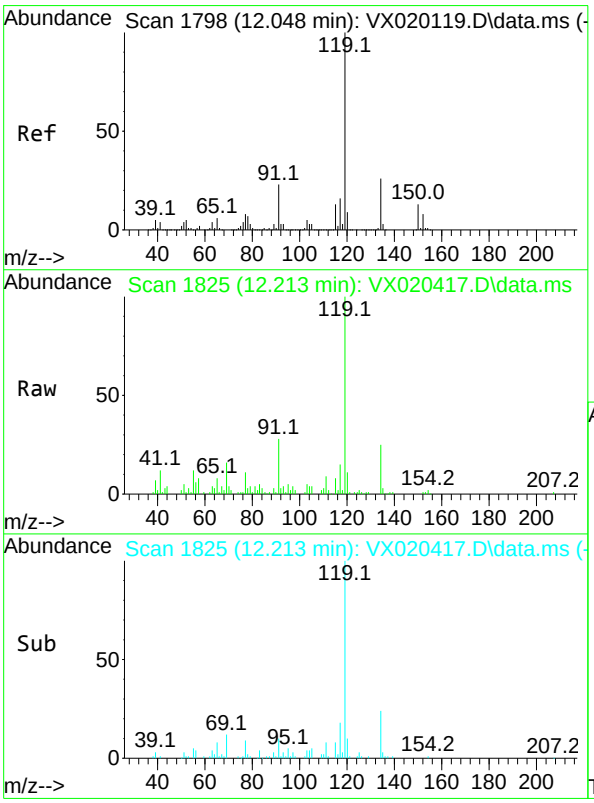


#85
sec-Butylbenzene
Concen: 7.11 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:105 Resp: 91592

Ion	Ratio	Lower	Upper
105	100		
134	23.9	10.0	29.8

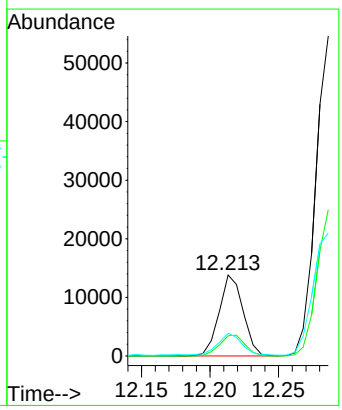




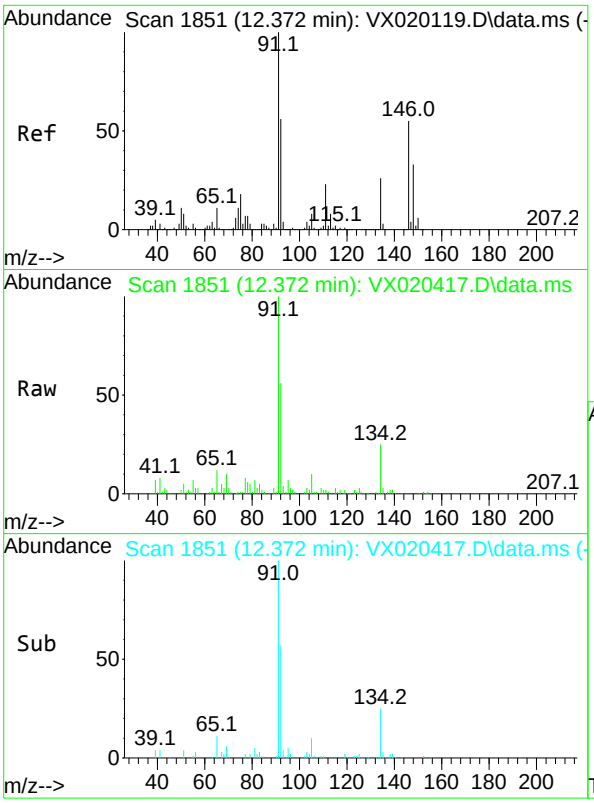
#86
p-Isopropyltoluene
Concen: 1.41 ug/l
RT: 12.213 min Scan# 1825
Delta R.T. 0.165 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:119 Resp: 16776

Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.9	38.7
91	28.0	11.7	35.0



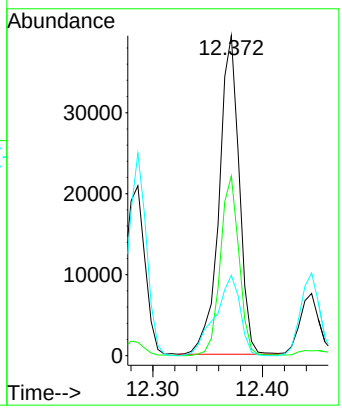
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

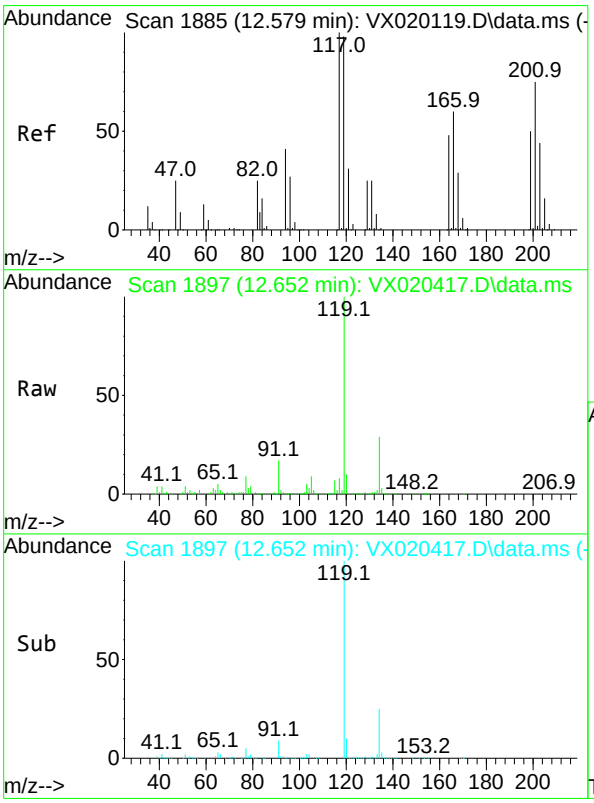


#89
n-Butylbenzene
Concen: 4.81 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 91 Resp: 50060

Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.4	82.0
134	31.5	13.2	39.5

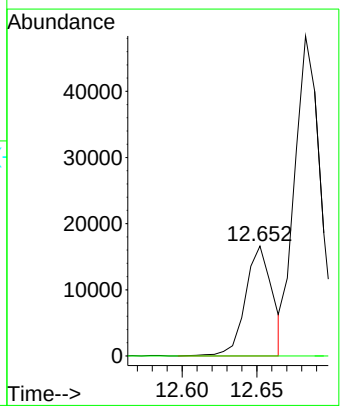




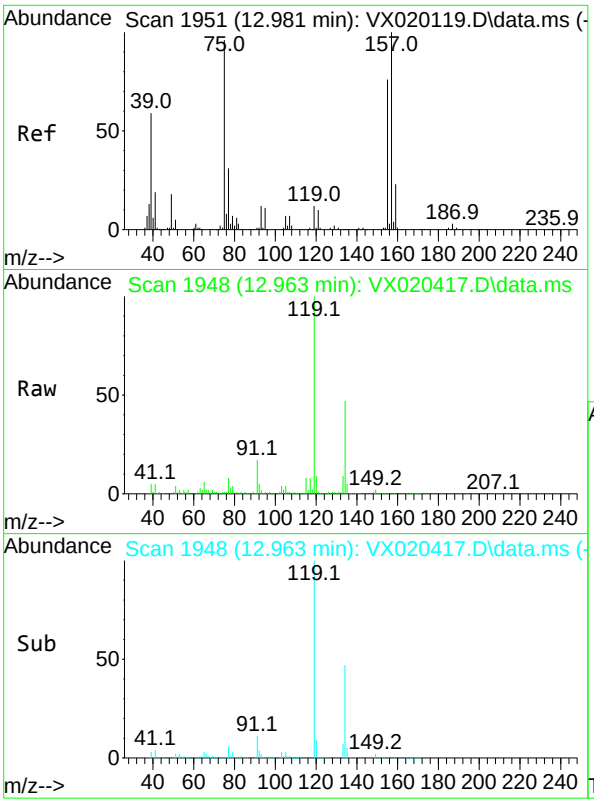
#90
Hexachloroethane
Concen: 10.11 ug/l
RT: 12.652 min Scan# 1897
Delta R.T. 0.073 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:117 Resp: 20724

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.4	121.2#



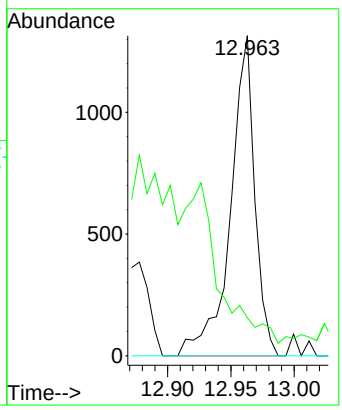
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

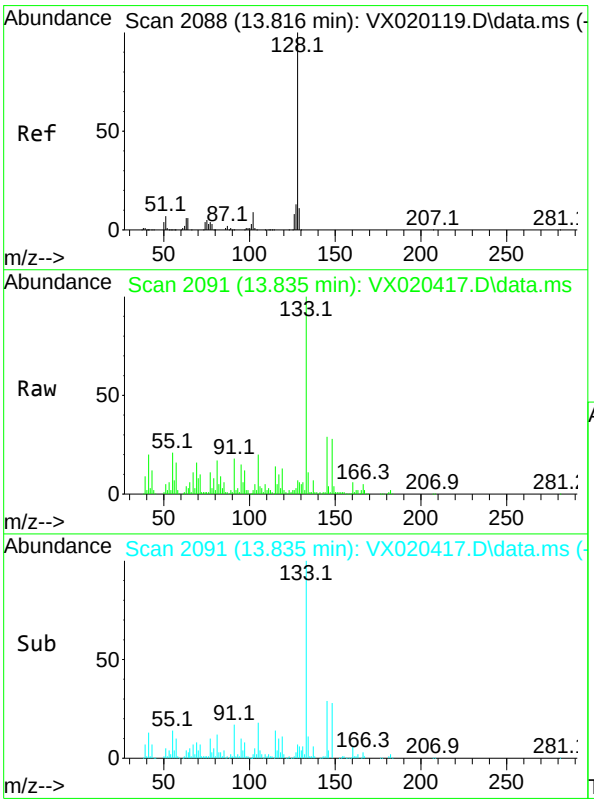


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.68 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. -0.018 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion: 75 Resp: 1761

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.3	135.9#
157	0.0	57.7	173.1#





#95
Naphthalene
Concen: 0.32 ug/l
RT: 13.835 min Scan# 2091
Delta R.T. 0.019 min
Lab File: VX020417.D
Acq: 28 Dec 2020 16:57

Tgt Ion:128 Resp: 4248

Ion	Ratio	Lower	Upper
128	100		
127	39.8	10.3	15.5#
129	93.4	8.8	13.2#