Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
Data File : VX021674.D
Acq On : 31 Mar 2021 11:22
Operator : JC/MD
Sample : M1842-08DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE104D2-20210323DL

Quant Time: Apr 01 03:22:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.635	168	57821	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.829	114	107193	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.094	117	112688	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49867	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.035	65	50988	53.00	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.00%				
35) Dibromofluoromethane	5.470	113	38763	50.91	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.82%				
50) Toluene-d8	8.694	98	136456	50.29	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.58%				
62) 4-Bromofluorobenzene	11.118	95	54571	51.73	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.46%				
Target Compounds							Qvalue
3) Chloromethane	1.322	50	999	1.41	ug/l		97
5) Bromomethane	1.634	94	110	0.42	ug/l		87
10) Methyl Iodide	2.499	142	89	6.81	ug/l	#	42
12) 1,1-Dichloroethene	2.358	96	199	0.34	ug/l	#	70
13) Acrolein	2.258	56	58	5.01	ug/l		93
16) Acetone	2.423	43	746	2.05	ug/l	#	87
17) Carbon Disulfide	2.552	76	436	0.27	ug/l	#	75
18) Methyl Acetate	2.758	43	309	0.29	ug/l	#	47
20) Methylene Chloride	2.834	84	235	0.33	ug/l	#	60
21) trans-1,2-Dichloroethene	3.146	96	169	0.26	ug/l	#	82
24) 1,1-Dichloroethane	3.664	63	474	0.38	ug/l	#	81
27) cis-1,2-Dichloroethene	4.564	96	7635	10.27	ug/l		98
30) Chloroform	5.170	83	1174	0.90	ug/l		87
31) Cyclohexane	5.623	56	1852	1.75	ug/l	#	28
36) 1,1-Dichloropropene	5.629	75	5309	5.05	ug/l	#	49
38) Carbon Tetrachloride	5.629	117	6369	5.64	ug/l	#	16
39) Methylcyclohexane	7.194	83	635	0.55	ug/l	#	1
42) 1,2-Dichloroethane	6.158	62	749	0.58	ug/l	#	73
44) Trichloroethene	7.188	130	40438	51.38	ug/l		93
49) 1,4-Dioxane	7.735	88	18	0.96	ug/l	#	24
76) 1,2,3-Trichloropropane	11.118	75	30344	26.14	ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30344	79.62	ug/l	#	12

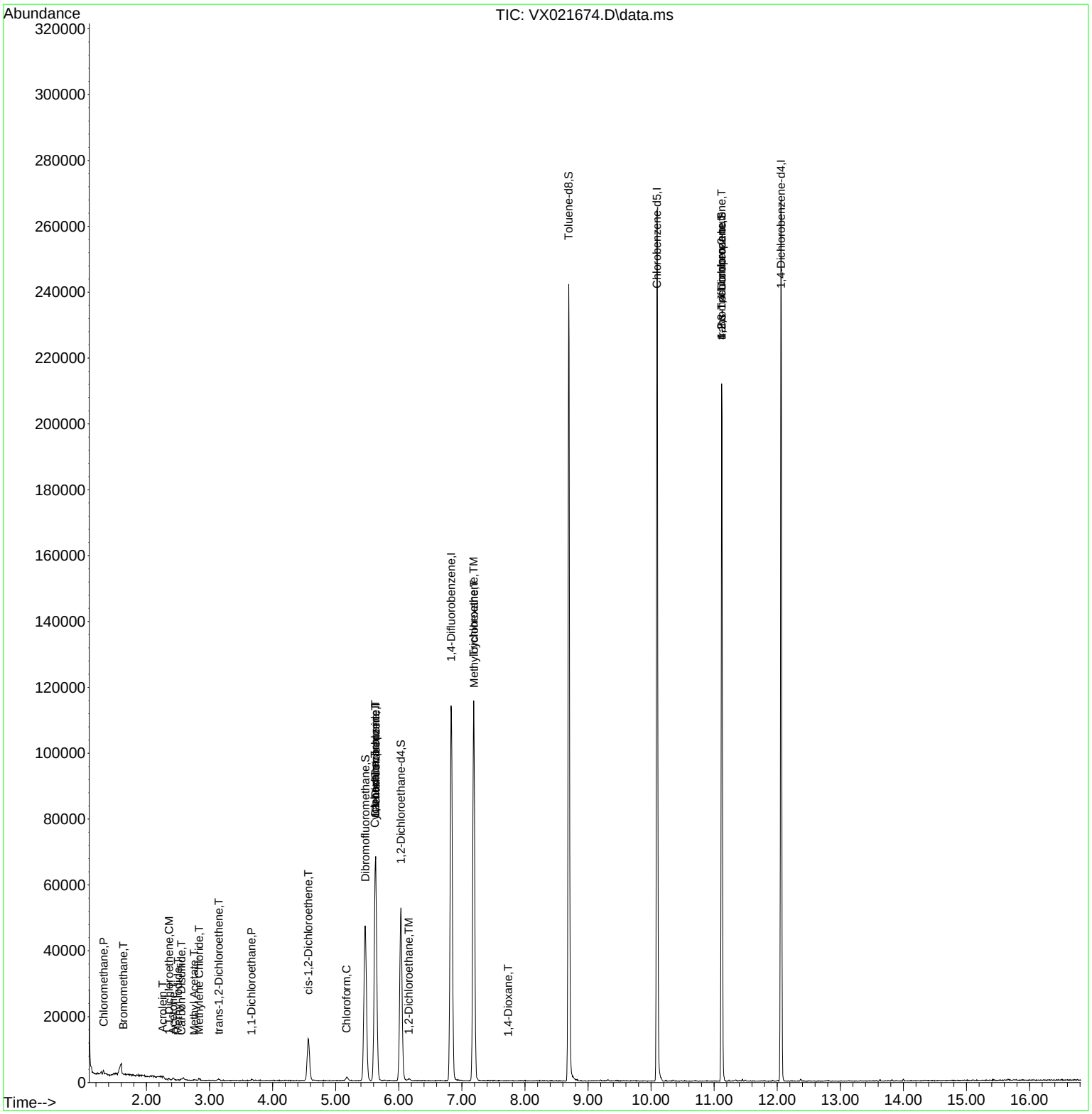
(#) = qualifier out of range (m) = manual integration (+) = signals summed

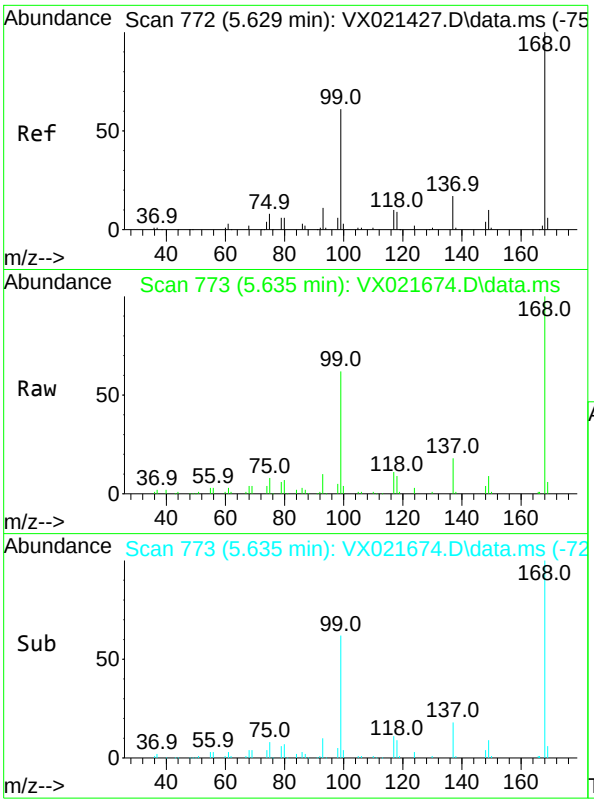
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
Data File : VX021674.D
Acq On : 31 Mar 2021 11:22
Operator : JC/MD
Sample : M1842-08DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

Quant Time: Apr 01 03:22:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

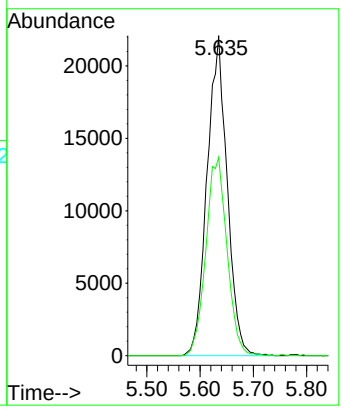




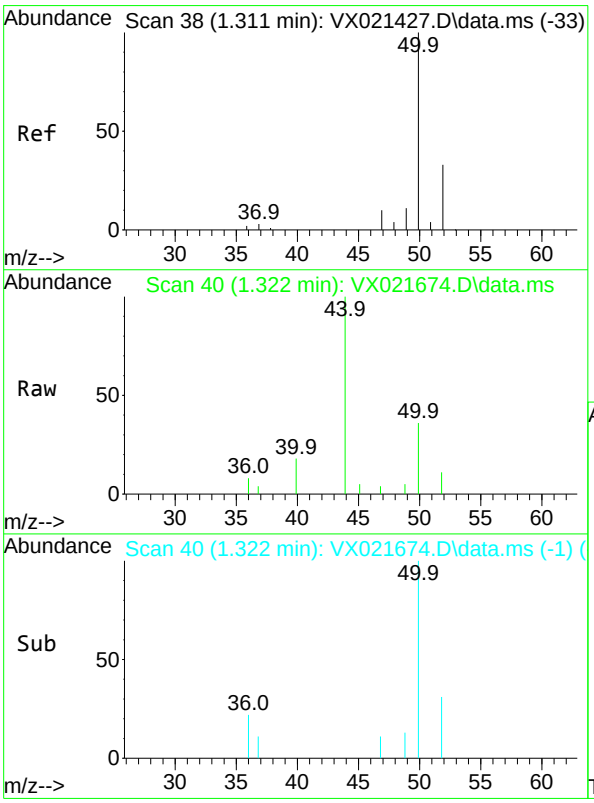
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion:168 Resp: 57821

Ion	Ratio	Lower	Upper
168	100		
99	62.0	45.8	68.6



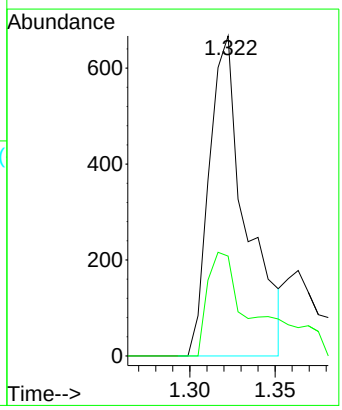
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

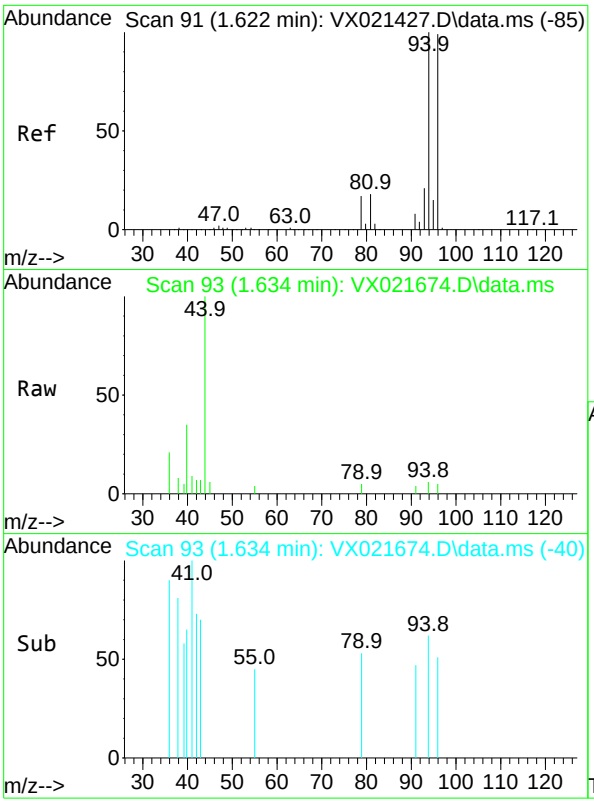


#3
Chloromethane
Concen: 1.41 ug/l
RT: 1.322 min Scan# 40
Delta R.T. 0.011 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 50 Resp: 999

Ion	Ratio	Lower	Upper
50	100		
52	31.2	26.4	39.6

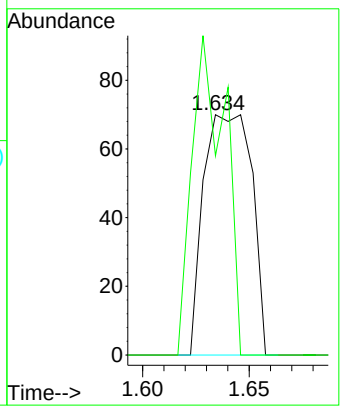




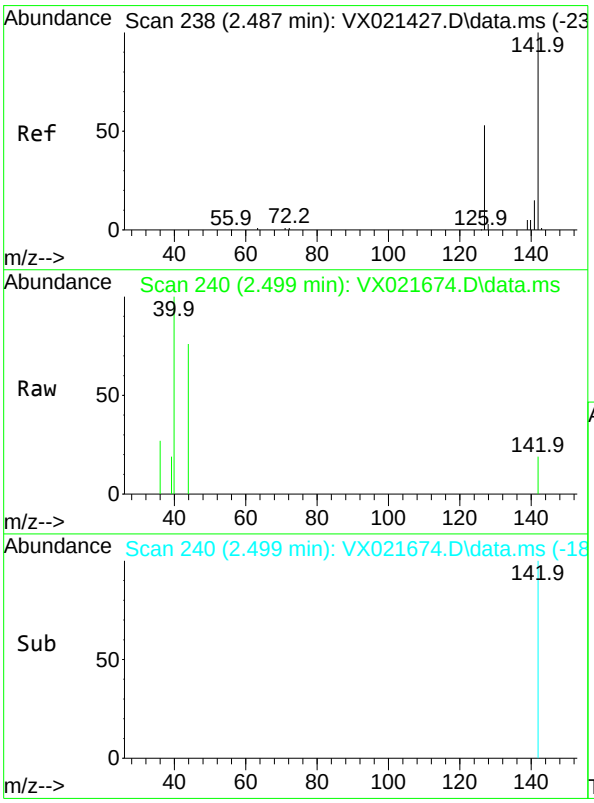
#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 94 Resp: 110

Ion	Ratio	Lower	Upper
94	100		
96	82.9	76.4	114.6



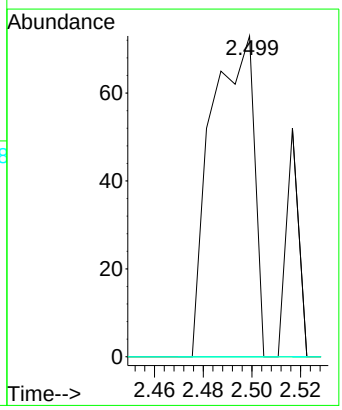
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

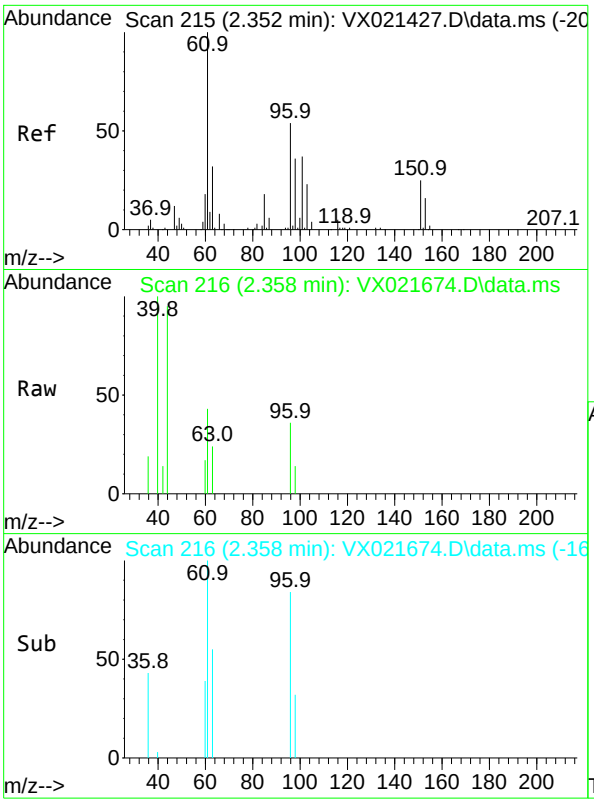


#10
Methyl Iodide
Concen: 6.81 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion:142 Resp: 89

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

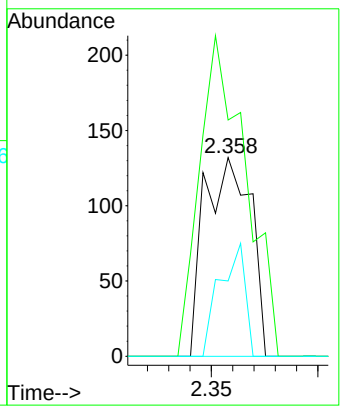




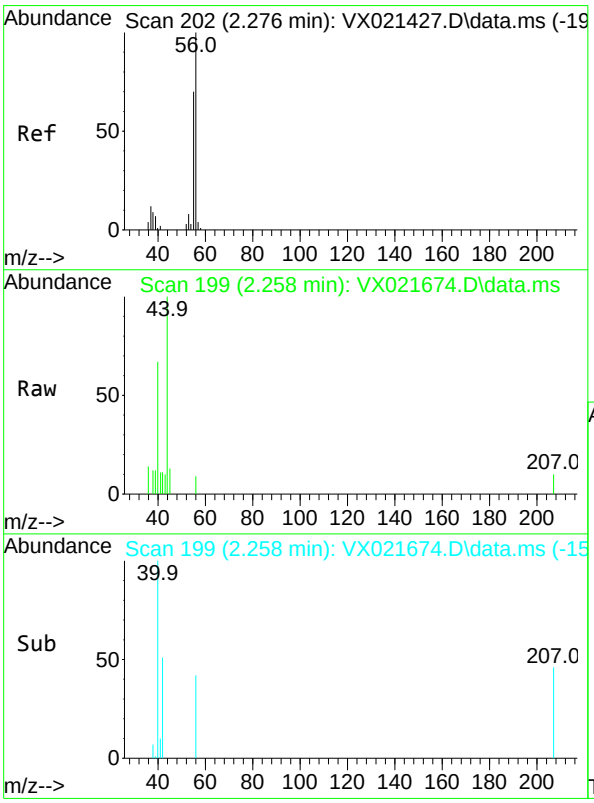
#12
1,1-Dichloroethene
Concen: 0.34 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 96 Resp: 199

Ion	Ratio	Lower	Upper
96	100		
61	118.9	124.6	187.0#
98	37.9	50.6	76.0#



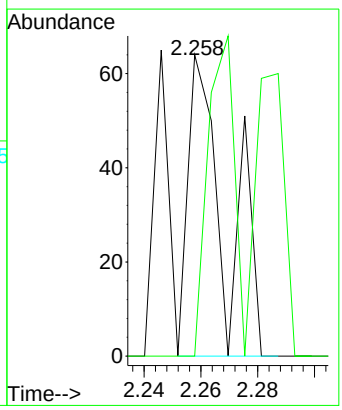
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

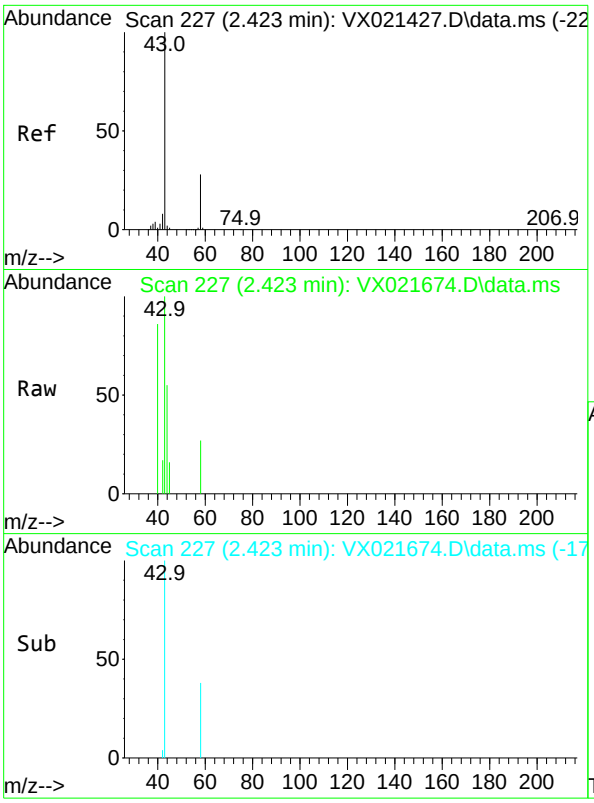


#13
Acrolein
Concen: 5.01 ug/l
RT: 2.258 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 56 Resp: 58

Ion	Ratio	Lower	Upper
56	100		
55	75.9	56.4	84.6

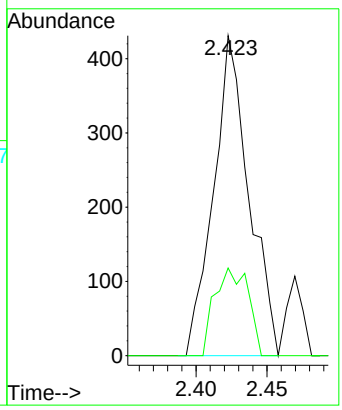




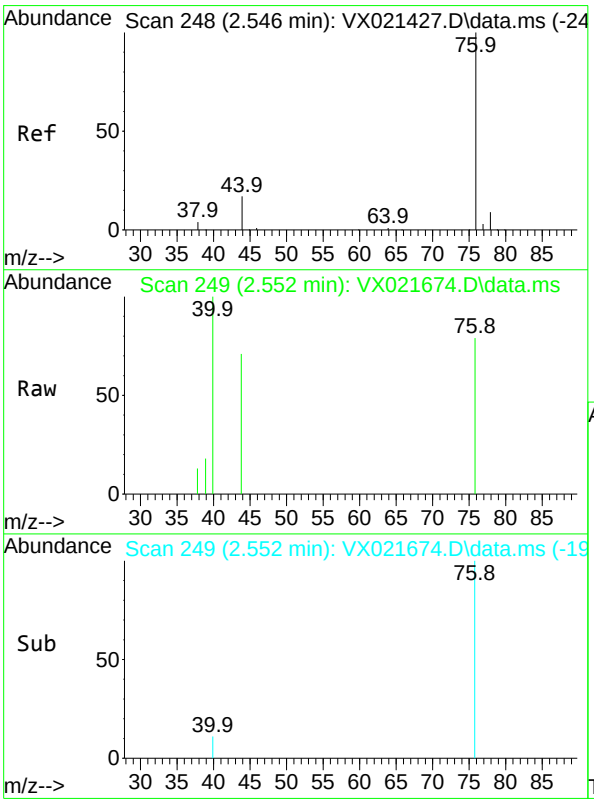
#16
Acetone
Concen: 2.05 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 43 Resp: 746

Ion	Ratio	Lower	Upper
43	100		
58	27.4	27.8	41.8#



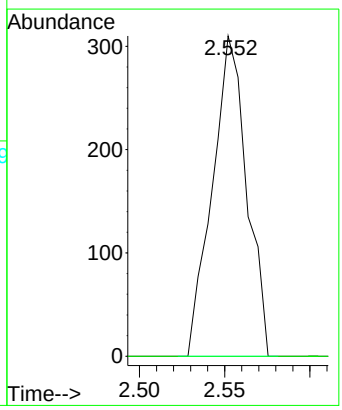
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

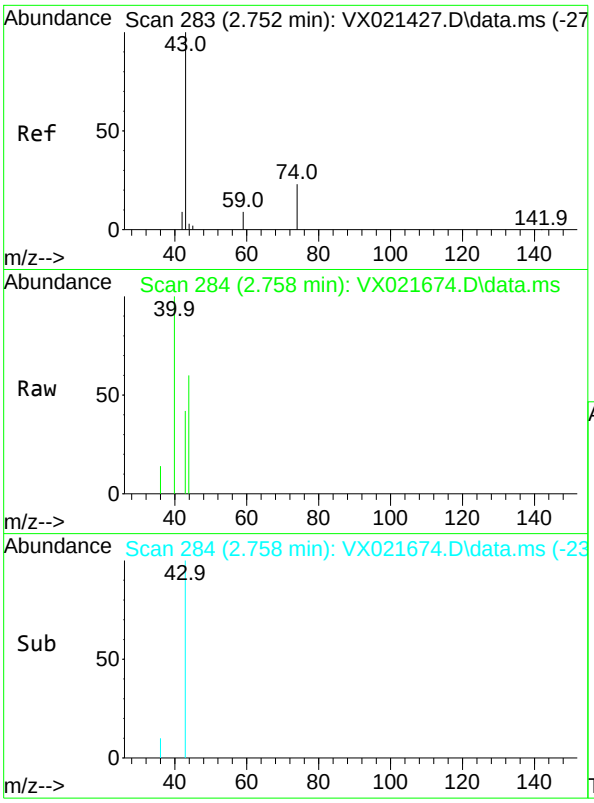


#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 76 Resp: 436

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#

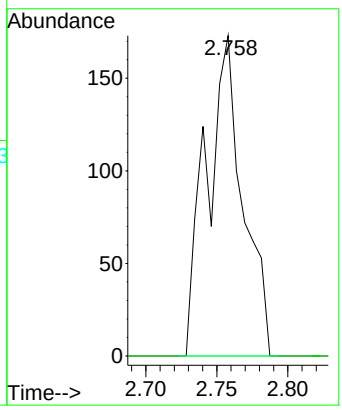




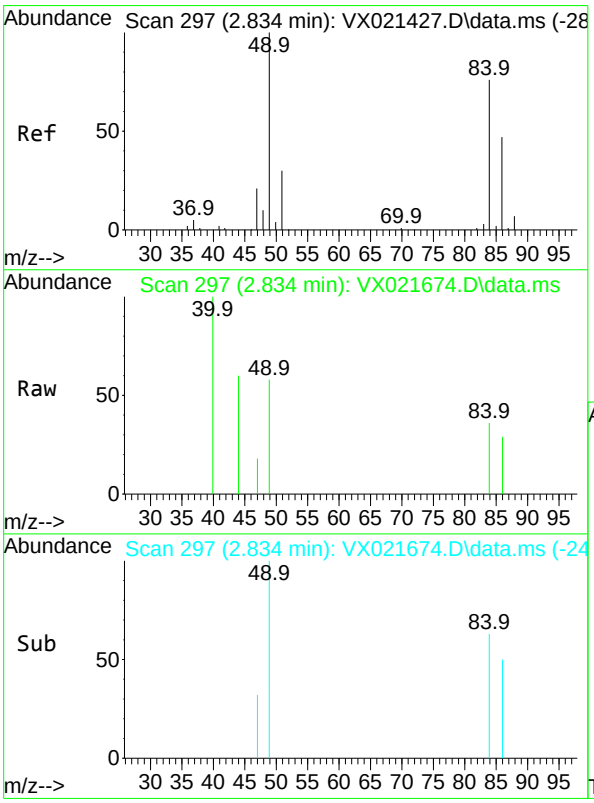
#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 43 Resp: 309

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.9	32.9#



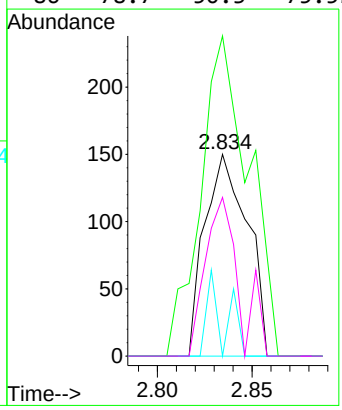
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL



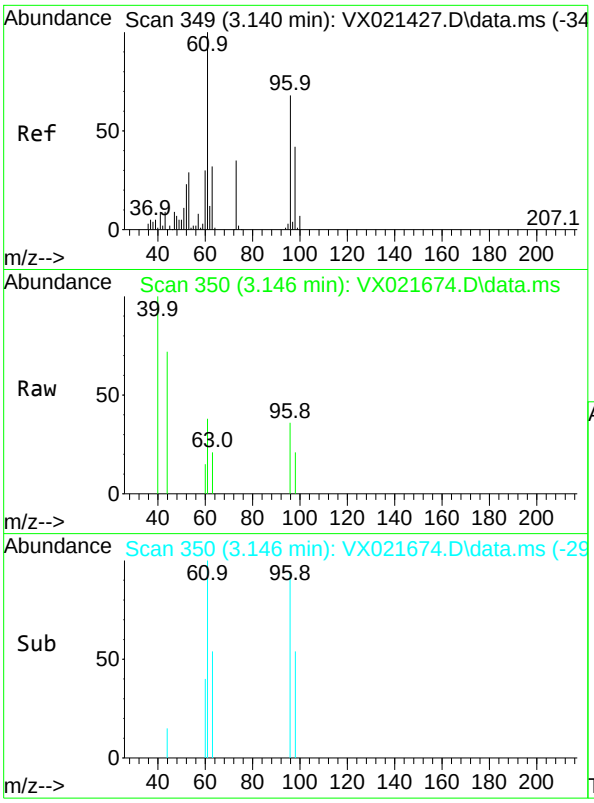
#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 84 Resp: 235

Ion	Ratio	Lower	Upper
84	100		
49	158.7	88.6	132.8#
51	0.0	27.0	40.6#
86	78.7	50.3	75.5#



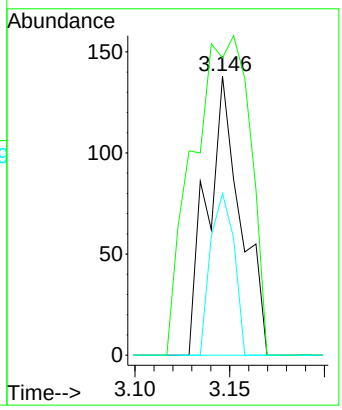
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

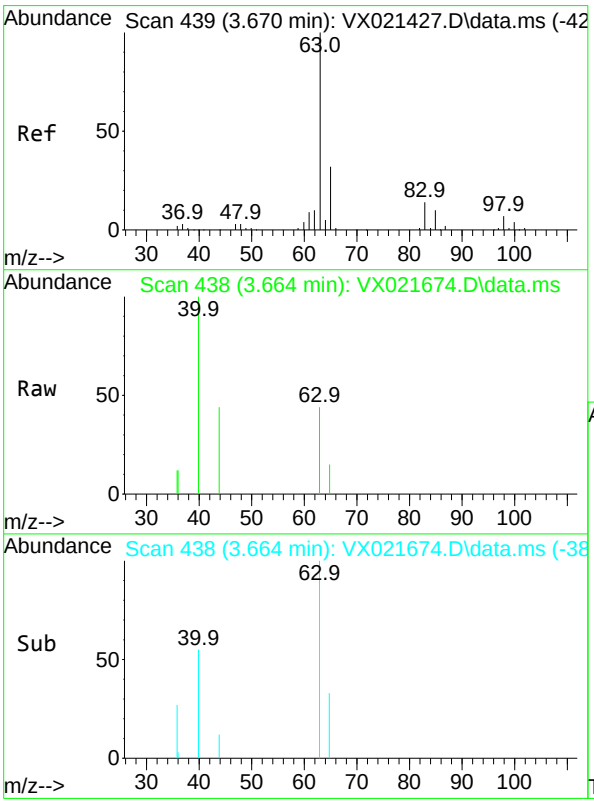


#21
trans-1,2-Dichloroethene
Concen: 0.26 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 96 Resp: 169

Ion	Ratio	Lower	Upper
96	100		
61	106.5	107.7	161.5#
98	58.0	50.4	75.6

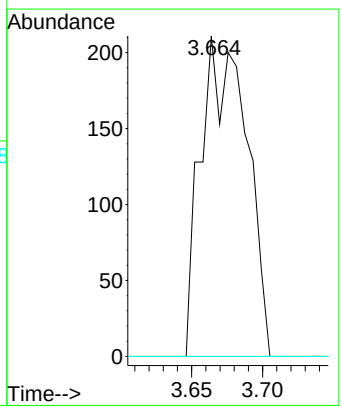




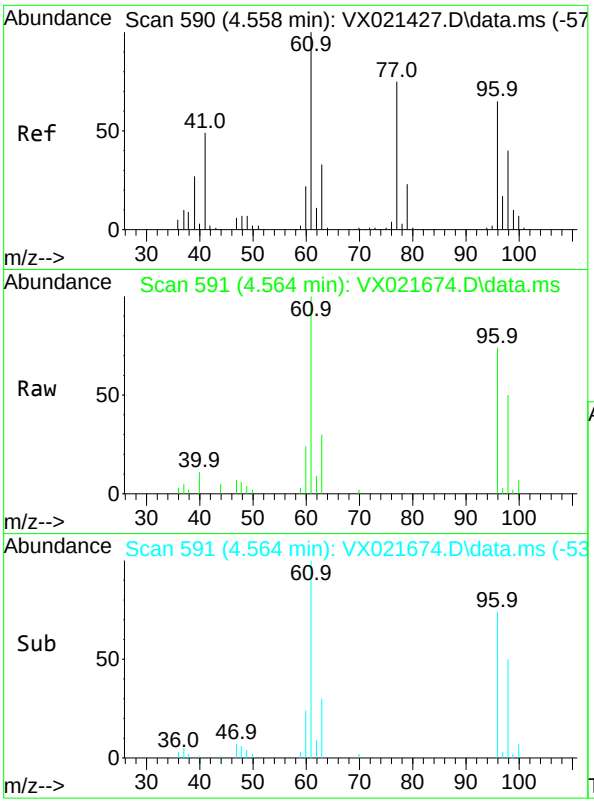
#24
1,1-Dichloroethane
Concen: 0.38 ug/l
RT: 3.664 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 63 Resp: 474

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	0.0	2.5	7.5#



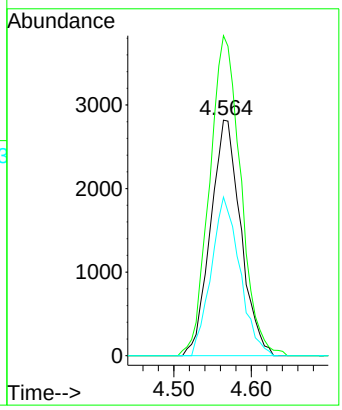
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

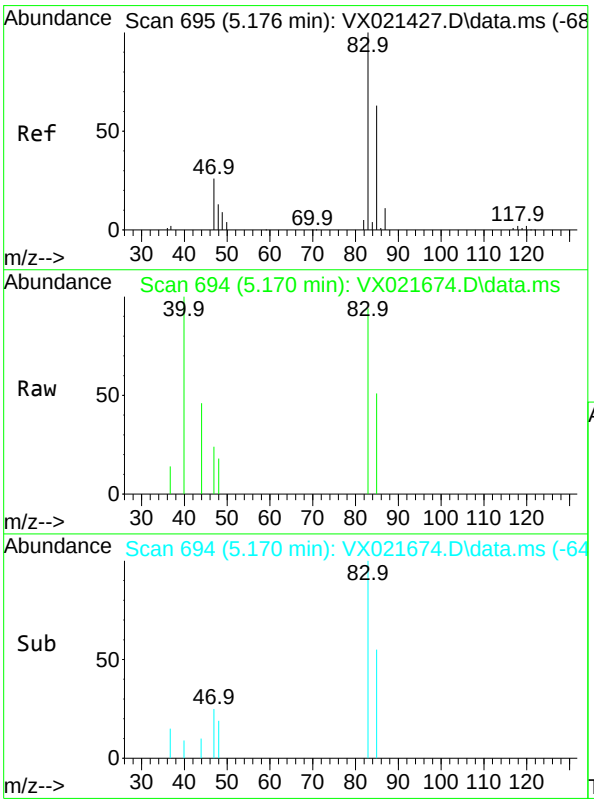


#27
cis-1,2-Dichloroethene
Concen: 10.27 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 96 Resp: 7635

Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	285.6
98	63.9	0.0	129.6

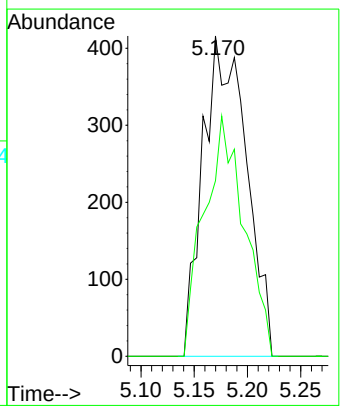


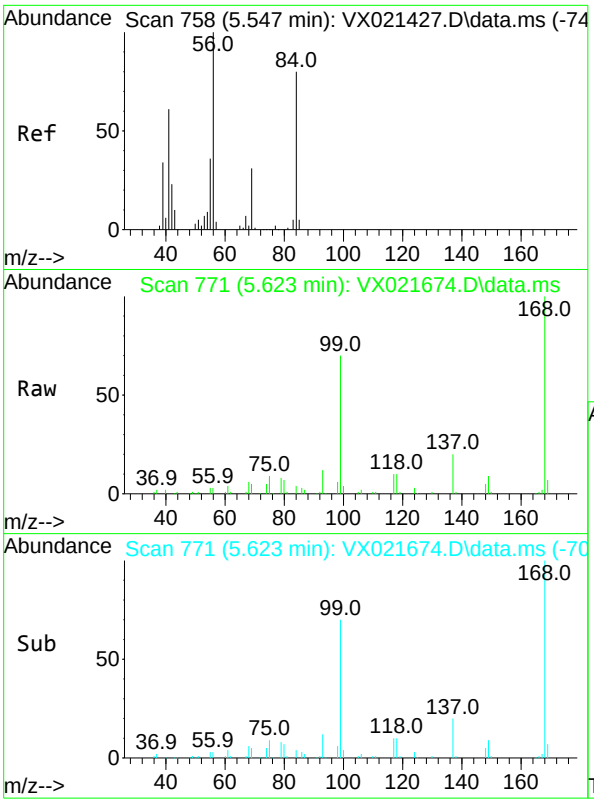


#30
Chloroform
Concen: 0.90 ug/l
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 83 Resp: 1174

Ion	Ratio	Lower	Upper
83	100		
85	54.8	52.0	78.0

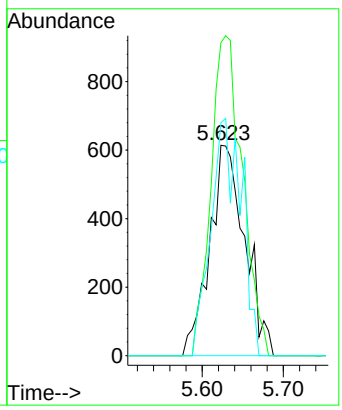




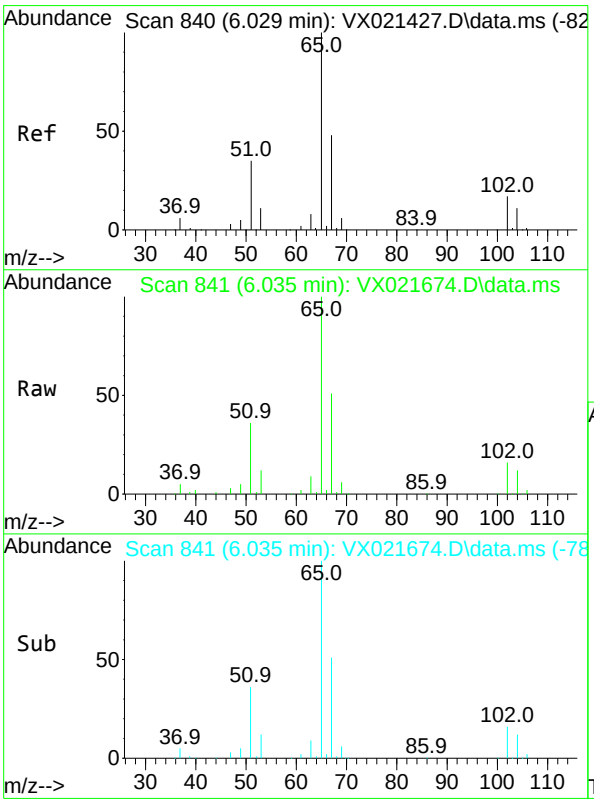
#31
Cyclohexane
Concen: 1.75 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 56 Resp: 1852

Ion	Ratio	Lower	Upper
56	100		
69	148.9	25.3	37.9#
84	110.7	71.4	107.0#



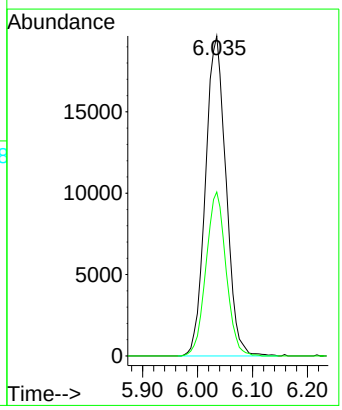
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

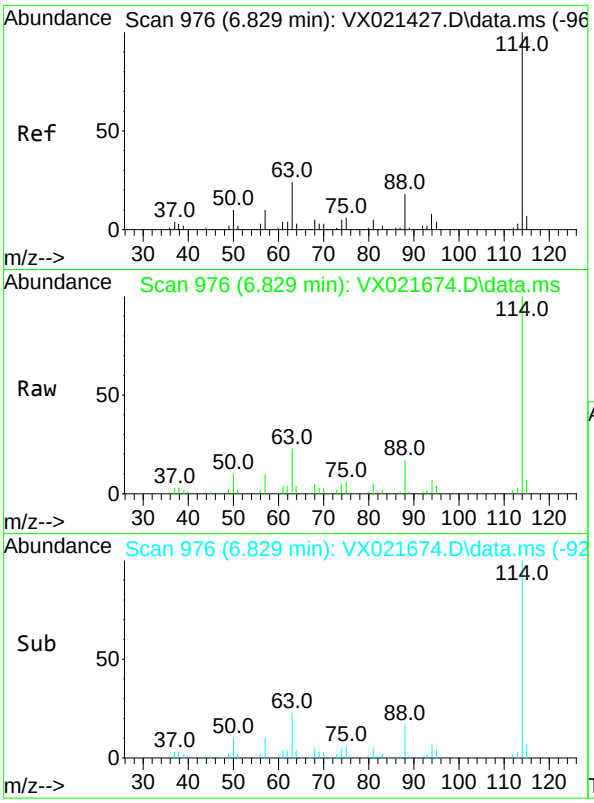


#33
1,2-Dichloroethane-d4
Concen: 53.00 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 65 Resp: 50988

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	105.4

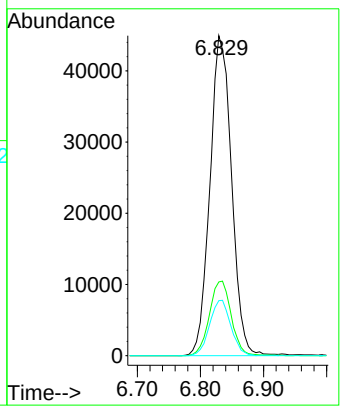




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion:114 Resp: 107193

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	40.8
88	17.2	0.0	32.8



Instrument :
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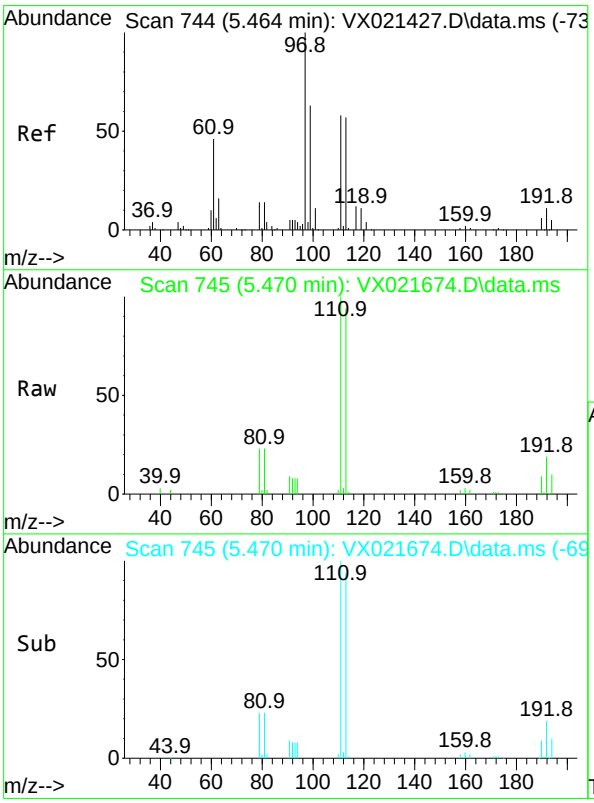
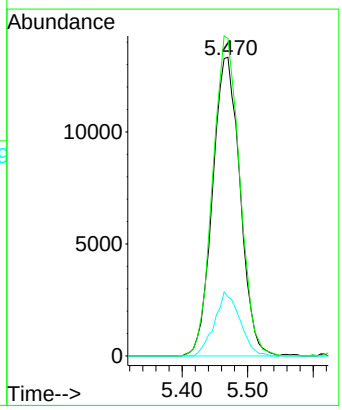
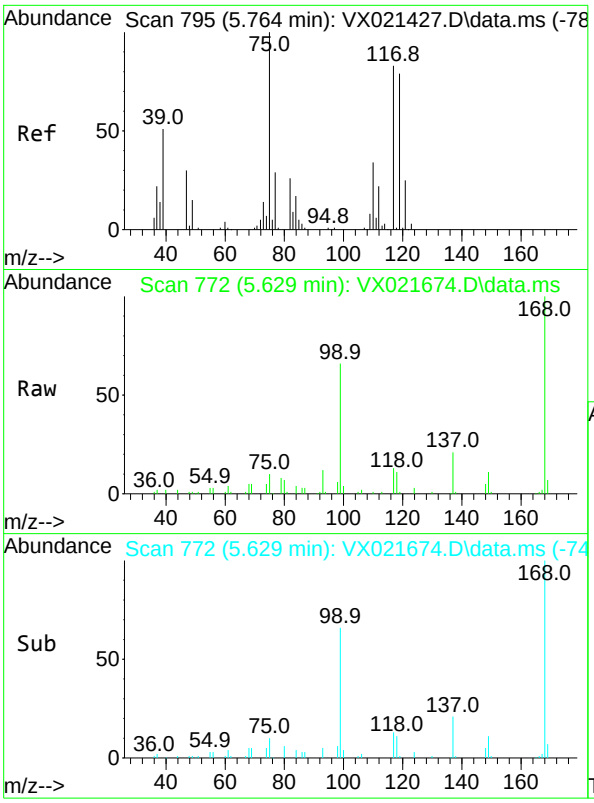


#35
Dibromofluoromethane
Concen: 50.91 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion:113 Resp: 38763

Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.9	122.9
192	19.8	16.7	25.1

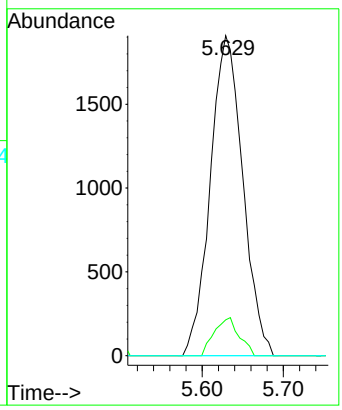




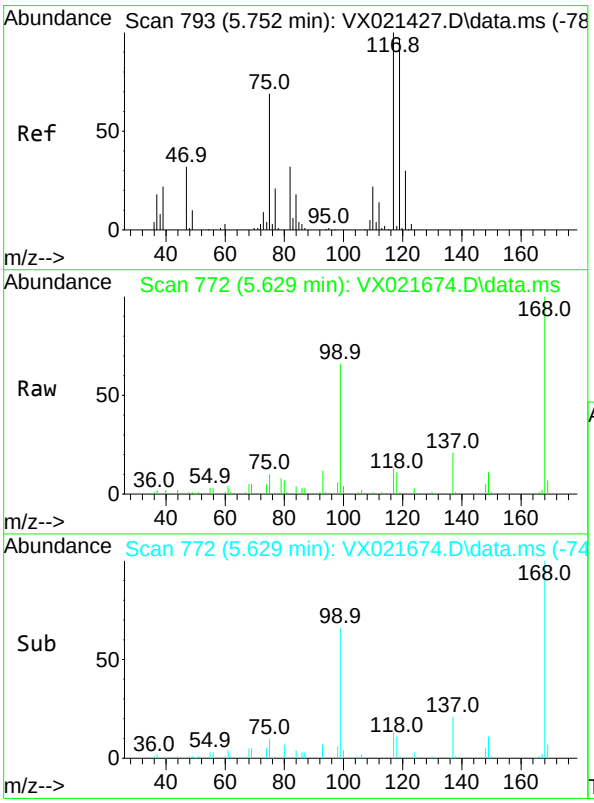
#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 75 Resp: 5309

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#



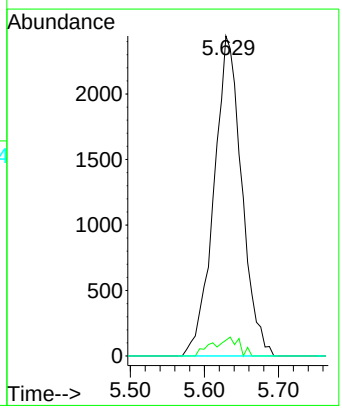
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL



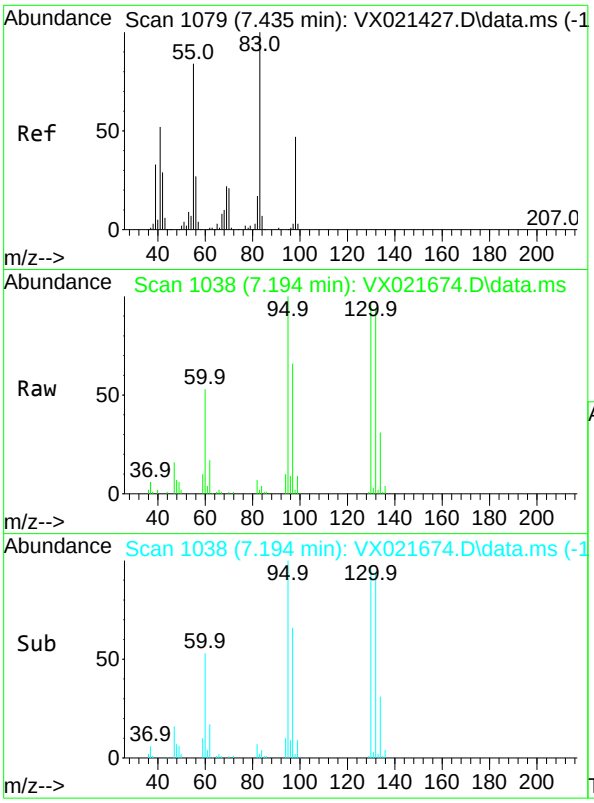
#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion:117 Resp: 6369

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.2	114.2#
121	0.0	24.8	37.2#



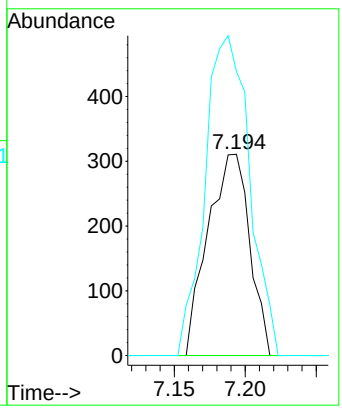
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

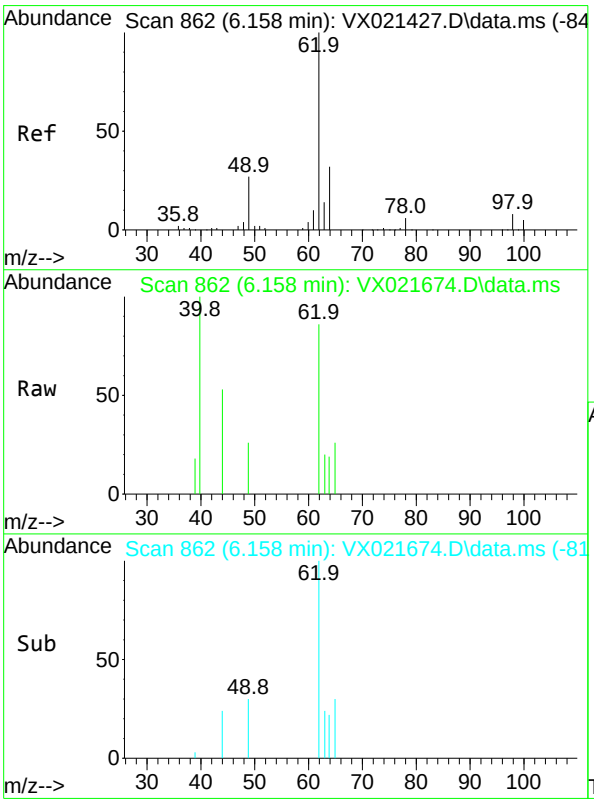


#39
Methylcyclohexane
Concen: 0.55 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. -0.241 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 83 Resp: 635

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	141.2	38.1	57.1#

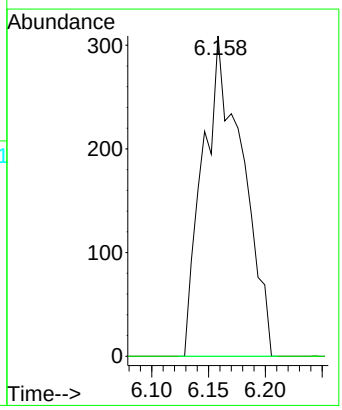


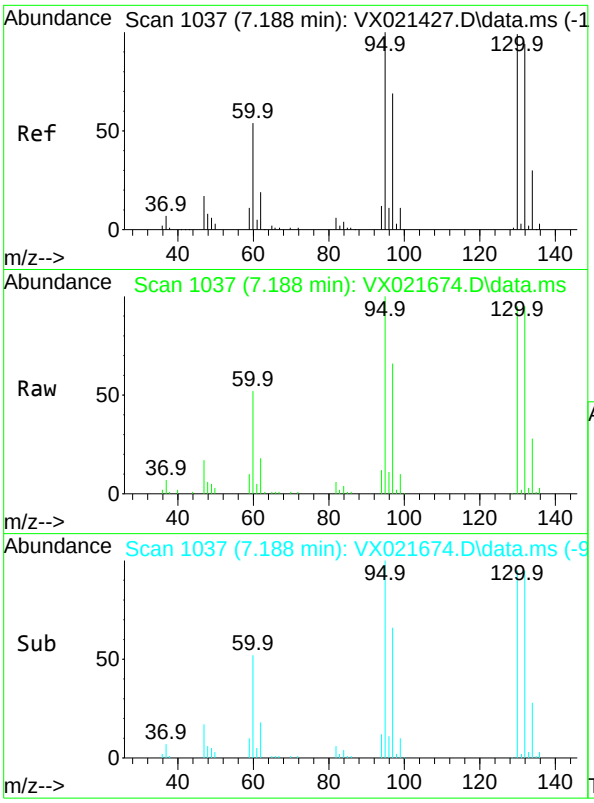


#42
1,2-Dichloroethane
Concen: 0.58 ug/l
RT: 6.158 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 62 Resp: 749

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2

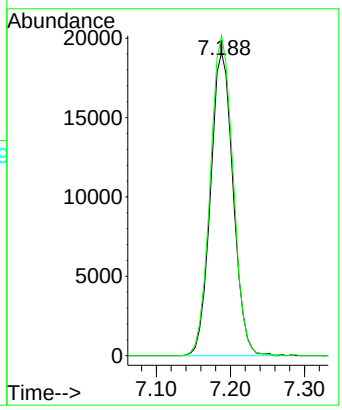




#44
Trichloroethene
Concen: 51.38 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion:130 Resp: 40438

Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	198.0



Instrument :
MSVOA_X
ClientSampleId :
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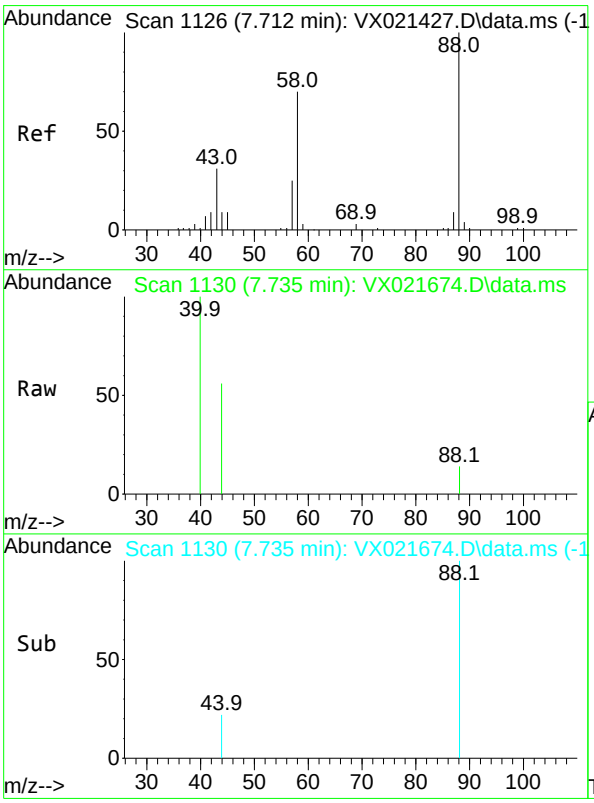
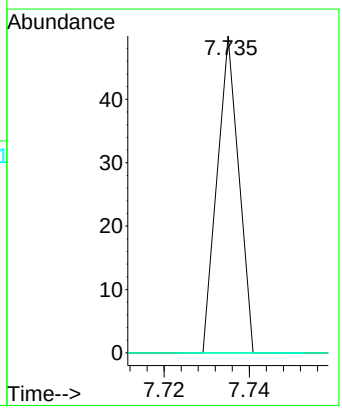


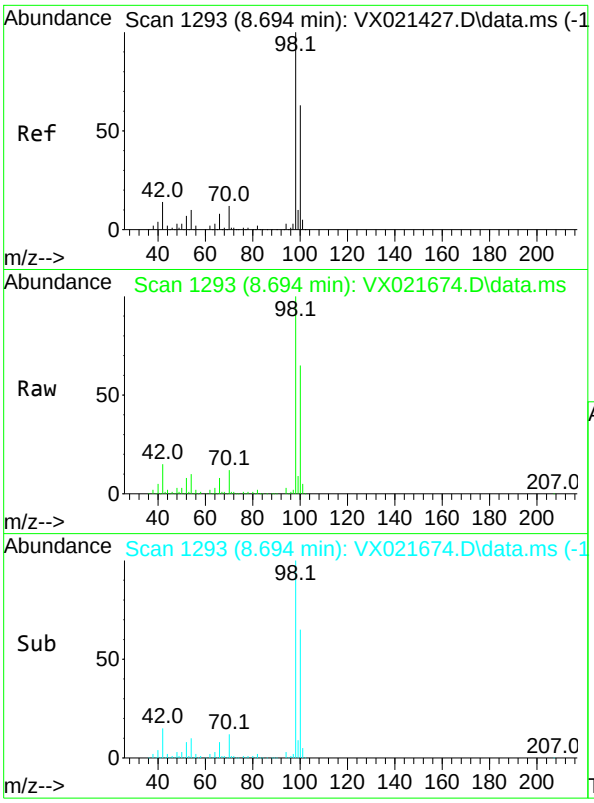
#49
1,4-Dioxane
Concen: 0.96 ug/l
RT: 7.735 min Scan# 1130
Delta R.T. 0.023 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 88 Resp: 18

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	0.0	55.0	82.4#



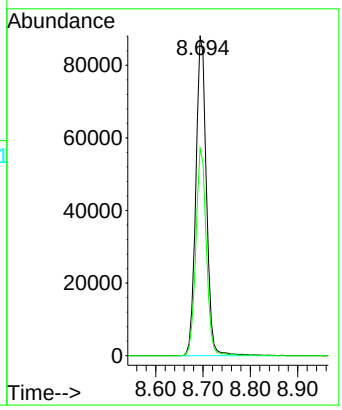
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

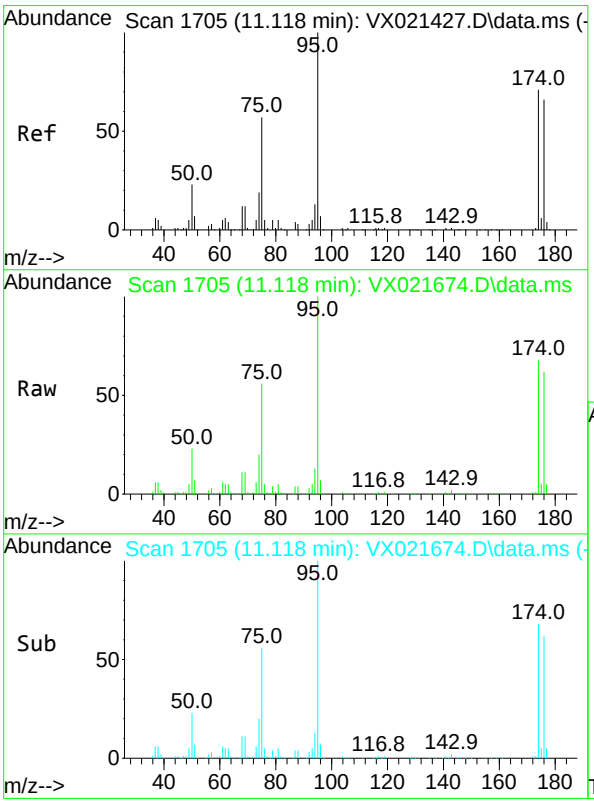


#50
Toluene-d8
Concen: 50.29 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 98 Resp: 136456

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9

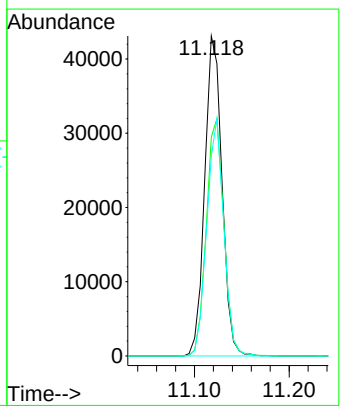


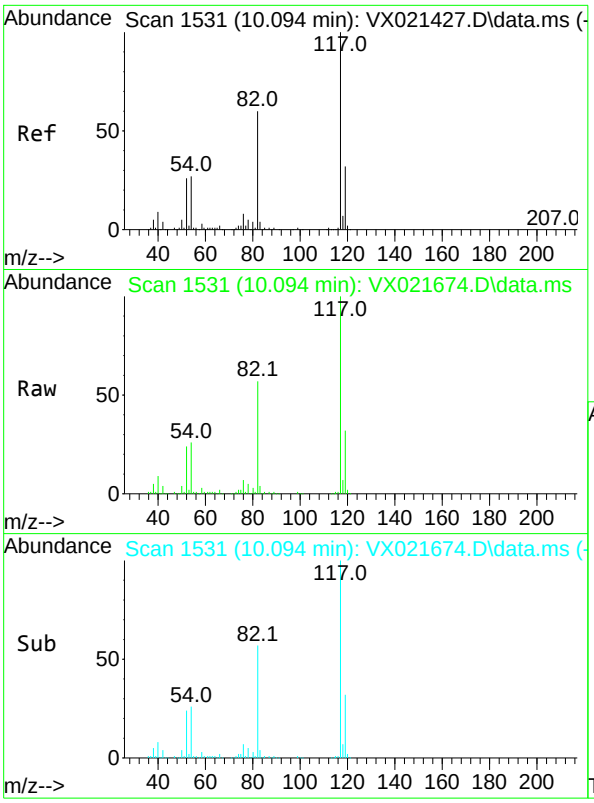


#62
4-Bromofluorobenzene
Concen: 51.73 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 95 Resp: 54571

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	154.6
176	72.8	0.0	155.8

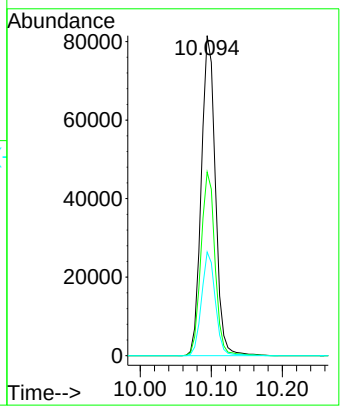




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion:117 Resp: 112688

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.4	71.2
119	32.4	26.6	39.8



Instrument :
MSVOA_X
ClientSampleId :
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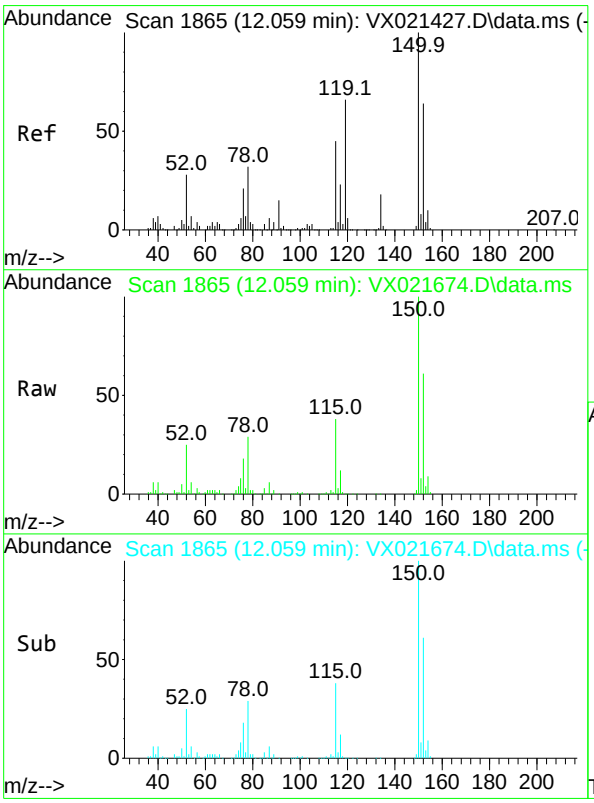
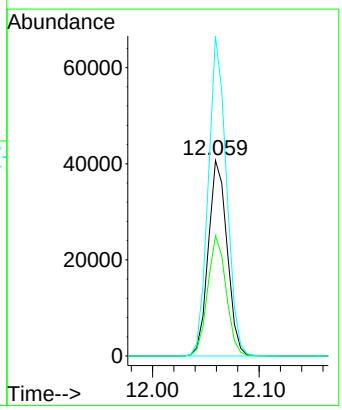


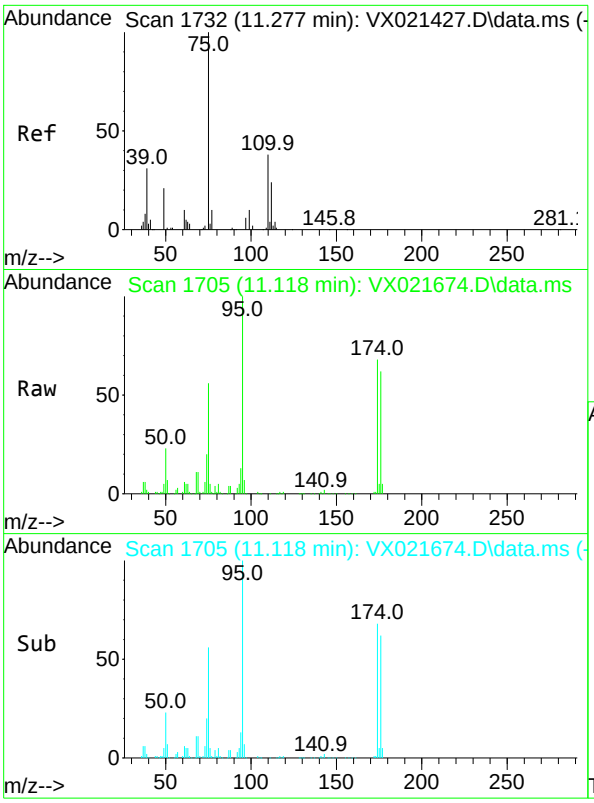
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion:152 Resp: 49867

Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.1	123.3
150	158.1	0.0	349.0



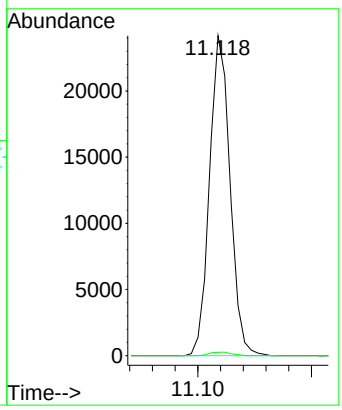
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323DL

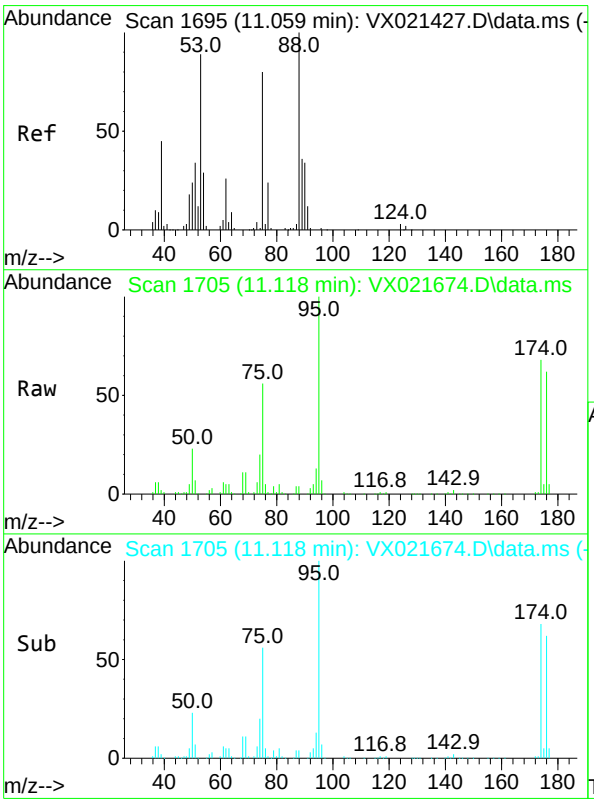


#76
1,2,3-Trichloropropane
Concen: 26.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 75 Resp: 30344

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 75 Resp: 30344

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