Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
Data File : VX021683.D
Acq On : 31 Mar 2021 14:33
Operator : JC/MD
Sample : M1842-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE139D1-20210324

Quant Time: Apr 01 03:25:13 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	56016	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.835	114	105000	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.094	117	112115	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50527	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.035	65	49691	53.31	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.62%				
35) Dibromofluoromethane	5.470	113	37941	50.87	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.74%				
50) Toluene-d8	8.694	98	133577	50.26	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.52%				
62) 4-Bromofluorobenzene	11.118	95	55488	53.70	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.187	85	133	0.22	ug/l	#	42
3) Chloromethane	1.317	50	987	1.44	ug/l		96
5) Bromomethane	1.628	94	97	0.38	ug/l	#	66
9) 1,1,2-Trichlorotrifluo...	2.370	101	3155	5.47	ug/l		95
12) 1,1-Dichloroethene	2.358	96	2179	3.86	ug/l		82
13) Acrolein	2.017	56	20	4.55	ug/l	#	70
16) Acetone	2.423	43	1827	5.18	ug/l		95
20) Methylene Chloride	2.834	84	292	0.42	ug/l	#	71
24) 1,1-Dichloroethane	3.670	63	913	0.76	ug/l	#	81
27) cis-1,2-Dichloroethene	4.564	96	1498	2.08	ug/l		98
30) Chloroform	5.182	83	1258	0.99	ug/l		98
31) Cyclohexane	5.635	56	1608	1.57	ug/l	#	37
32) 1,1,1-Trichloroethane	5.464	97	241	0.21	ug/l	#	36
36) 1,1-Dichloropropene	5.629	75	4932	4.79	ug/l	#	50
38) Carbon Tetrachloride	5.753	117	1571	1.42	ug/l		88
39) Methylcyclohexane	7.188	83	1887	1.65	ug/l	#	1
42) 1,2-Dichloroethane	6.164	62	364	0.29	ug/l	#	73
44) Trichloroethene	7.188	130	130747	169.59	ug/l		98
49) 1,4-Dioxane	7.717	88	70	3.79	ug/l	#	40
55) 1,1,2-Trichloroethane	9.194	97	939	1.23	ug/l		99
76) 1,2,3-Trichloropropane	11.118	75	31193	26.52	ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31193	80.77	ug/l	#	12

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

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Apr 01 03:25:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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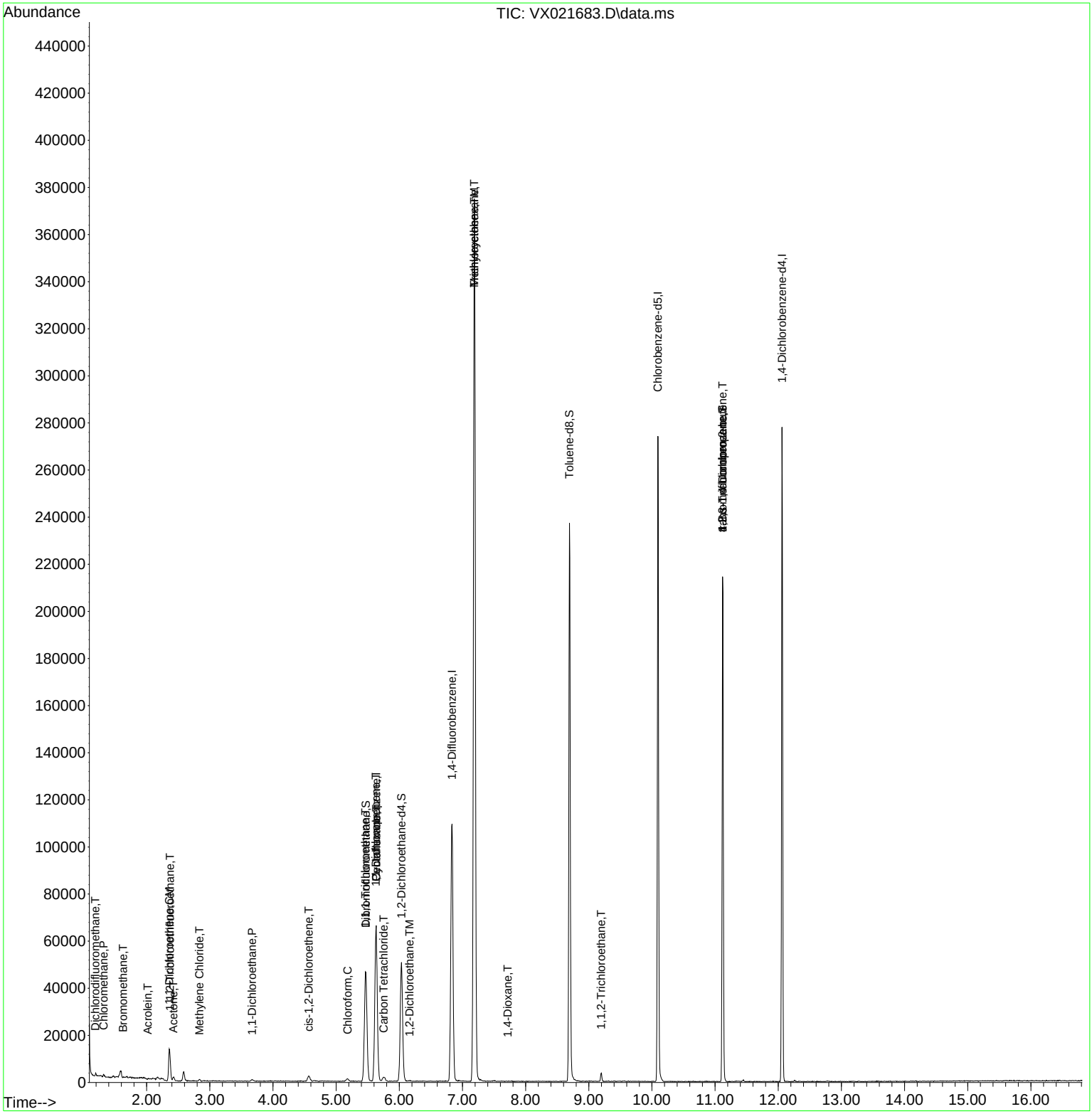
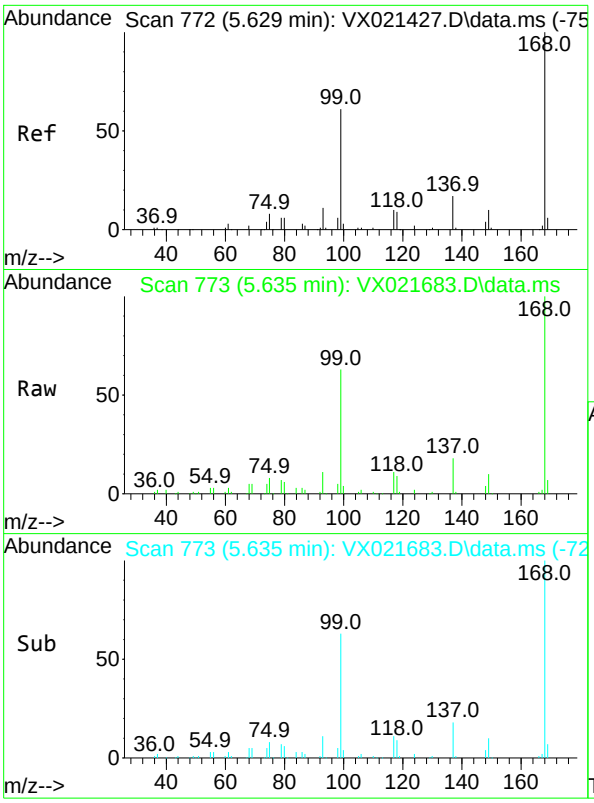
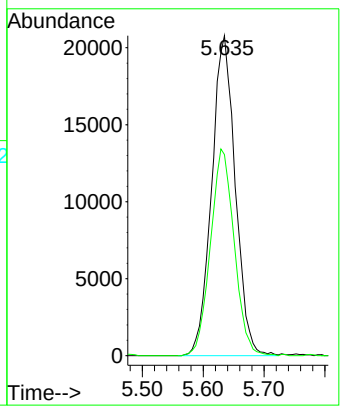




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion:168 Resp: 56016

Ion	Ratio	Lower	Upper
168	100		
99	62.8	45.8	68.6



Instrument :
MSVOA_X
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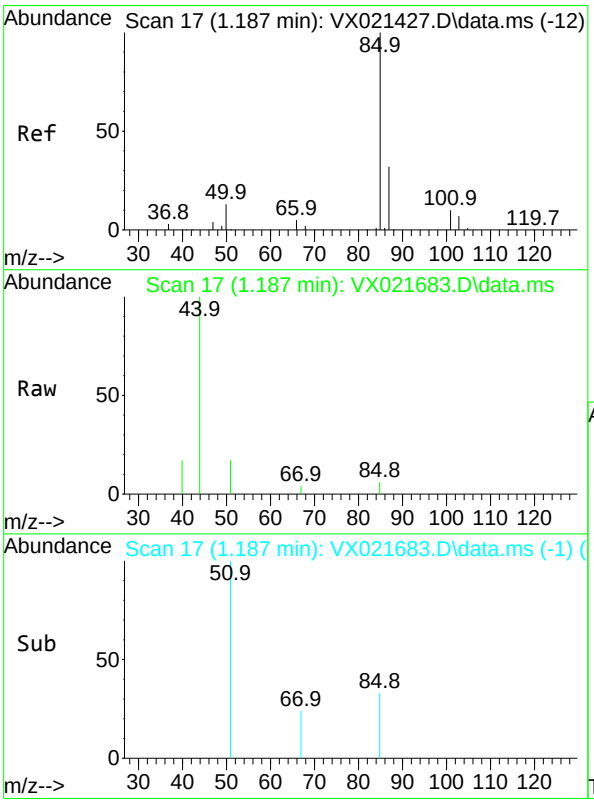
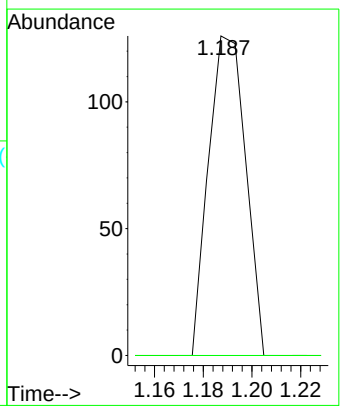
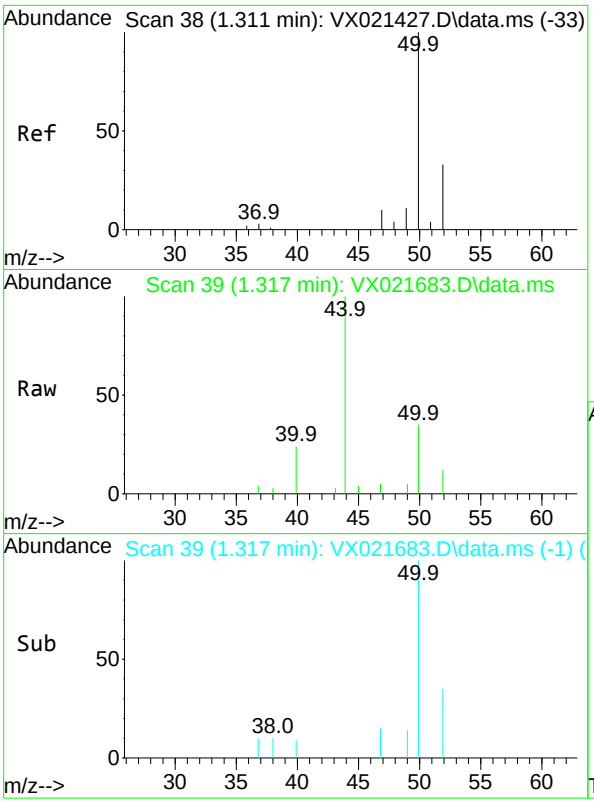


#2
Dichlorodifluoromethane
Concen: 0.22 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 85 Resp: 133

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.4	49.2#

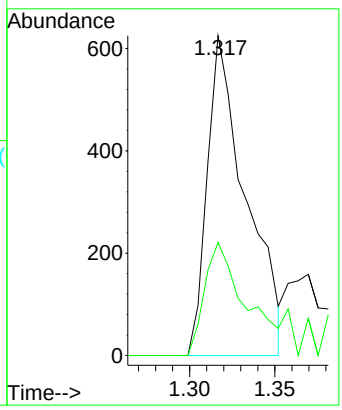




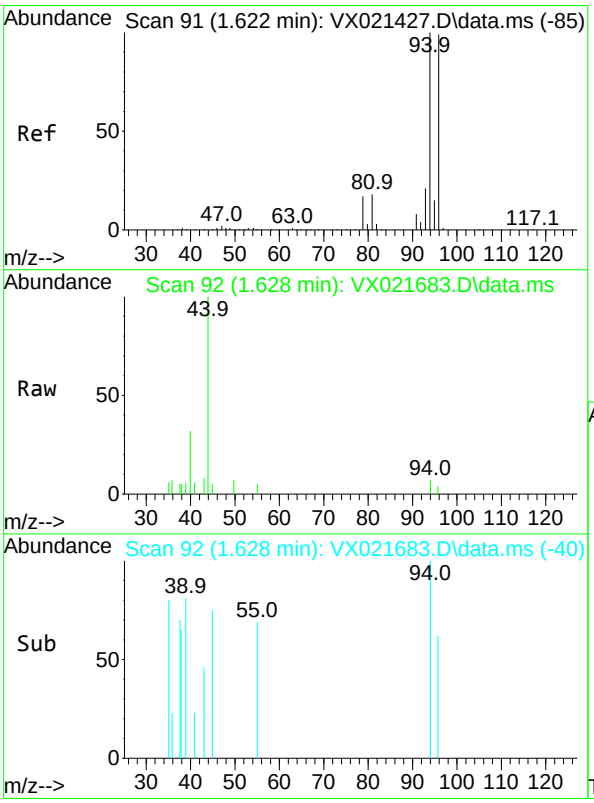
#3
Chloromethane
Concen: 1.44 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 50 Resp: 987

Ion	Ratio	Lower	Upper
50	100		
52	35.4	26.4	39.6



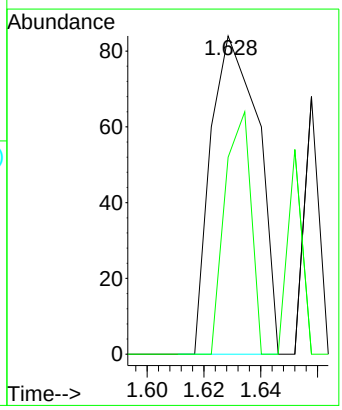
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210324



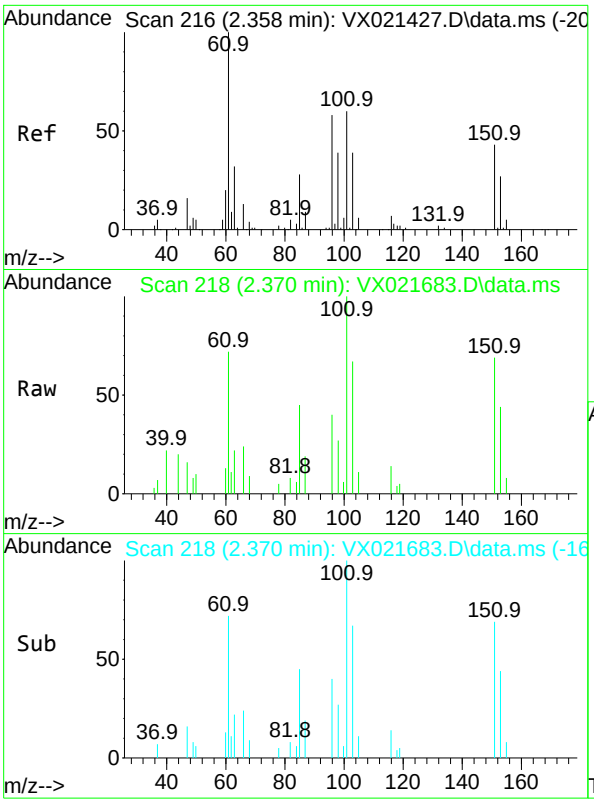
#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 94 Resp: 97

Ion	Ratio	Lower	Upper
94	100		
96	61.9	76.4	114.6#



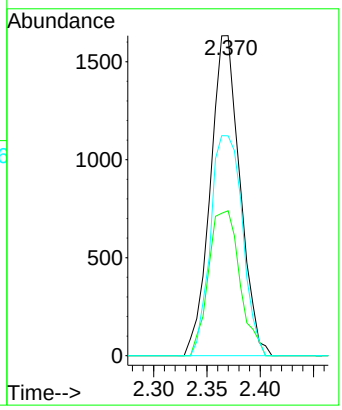
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210324

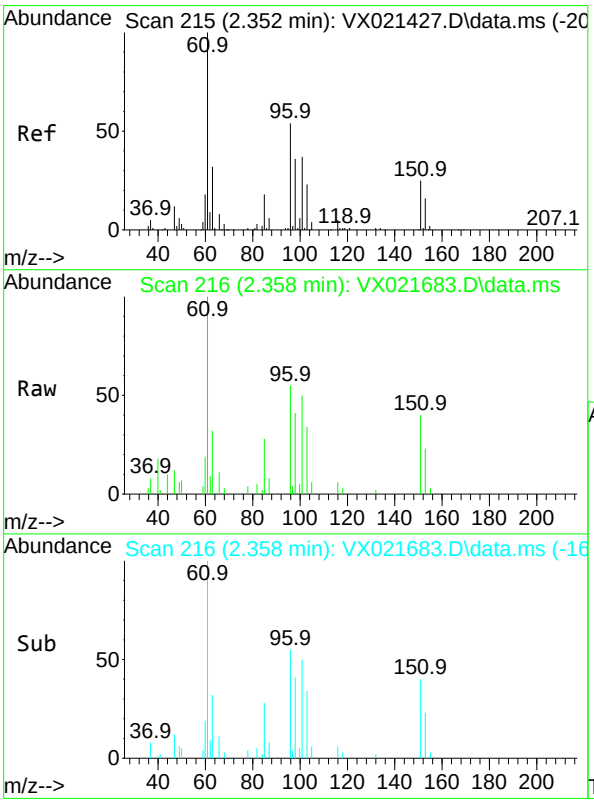


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.47 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.012 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion:101 Resp: 3155

Ion	Ratio	Lower	Upper
101	100		
85	47.9	34.9	52.3
151	73.9	61.4	92.2

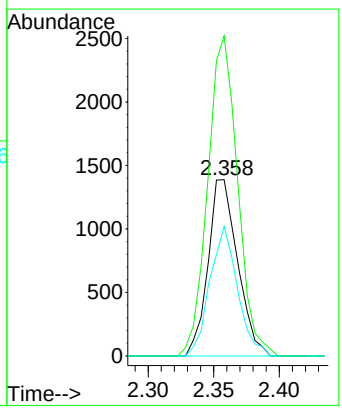


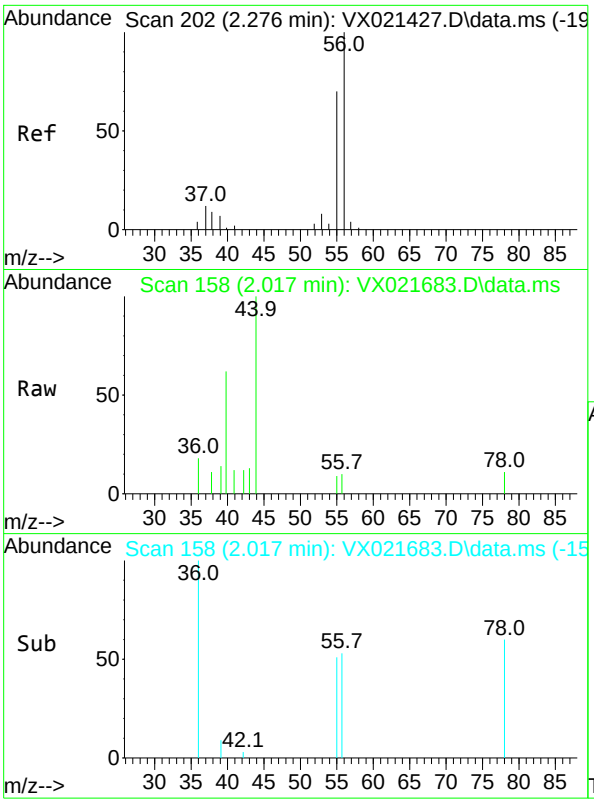


#12
1,1-Dichloroethene
Concen: 3.86 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 96 Resp: 2179

Ion	Ratio	Lower	Upper
96	100		
61	181.4	124.6	187.0
98	73.5	50.6	76.0

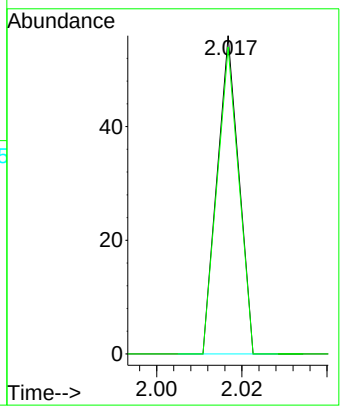




#13
Acrolein
Concen: 4.55 ug/l
RT: 2.017 min Scan# 158
Delta R.T. -0.259 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 56 Resp: 20

Ion	Ratio	Lower	Upper
56	100		
55	95.0	56.4	84.6#



Instrument :
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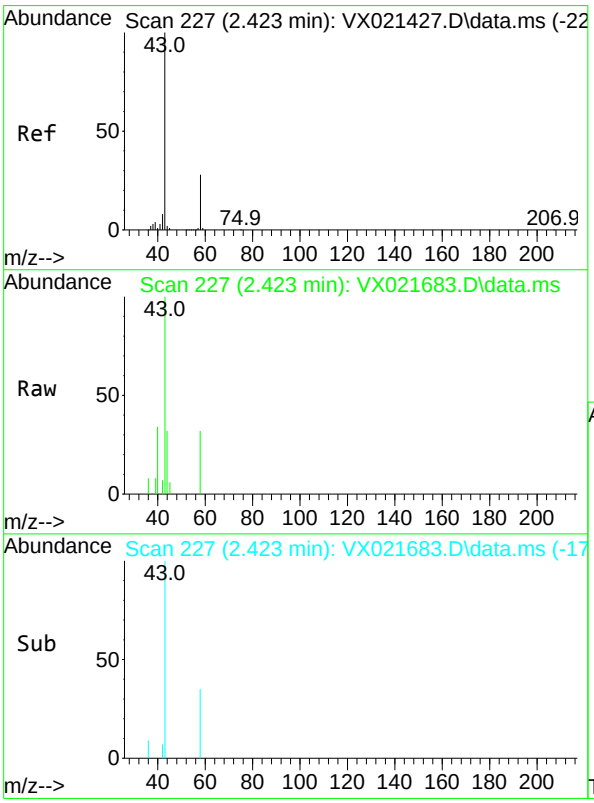
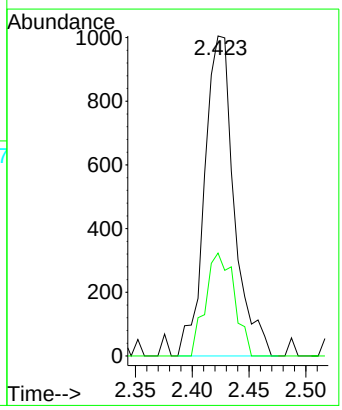


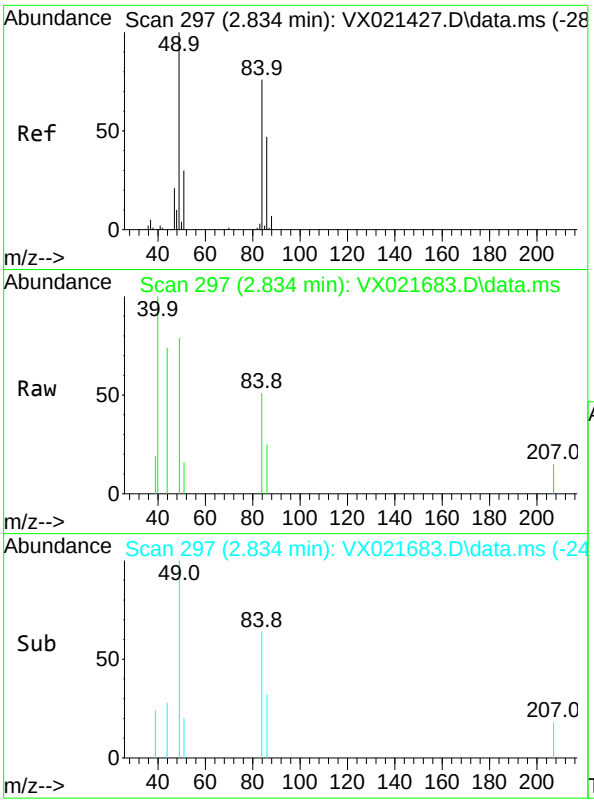
#16
Acetone
Concen: 5.18 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 43 Resp: 1827

Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.8	41.8



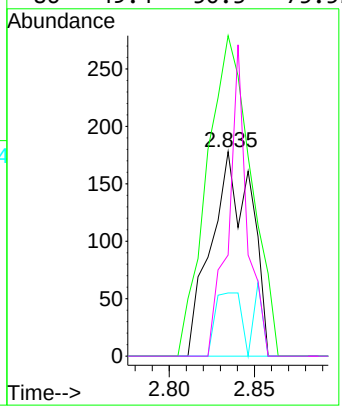
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210324

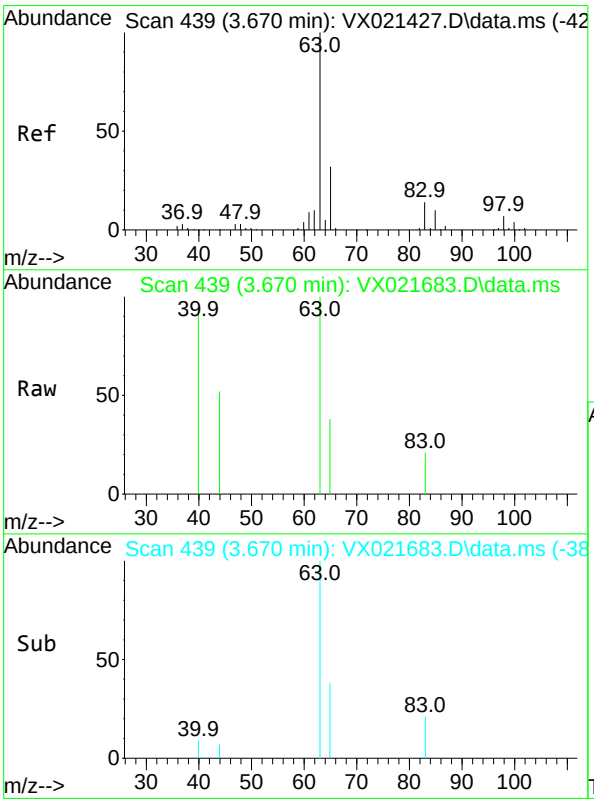


#20
Methylene Chloride
Concen: 0.42 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 84 Resp: 292

Ion	Ratio	Lower	Upper
84	100		
49	156.7	88.6	132.8#
51	30.9	27.0	40.6
86	49.4	50.3	75.5#

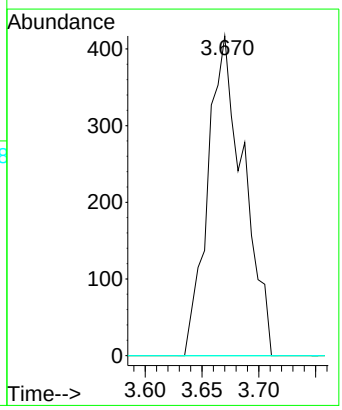


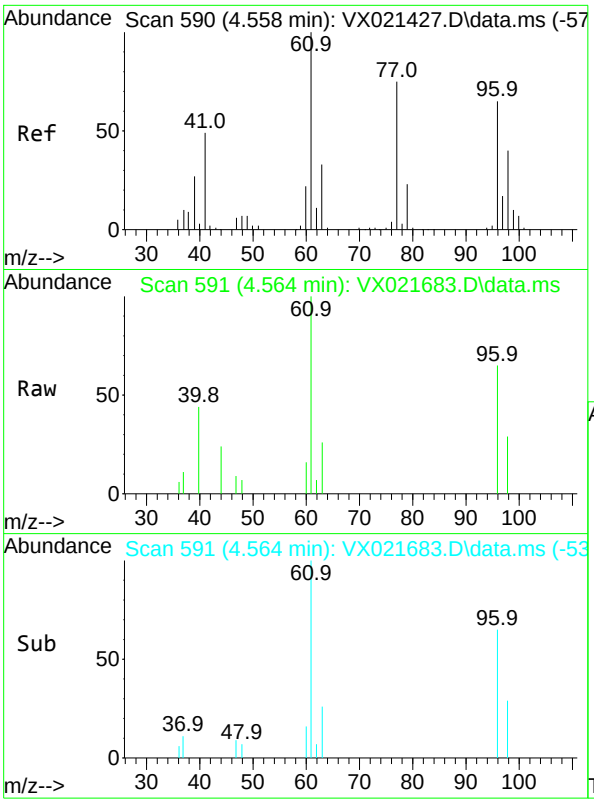


#24
1,1-Dichloroethane
Concen: 0.76 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 63 Resp: 913

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

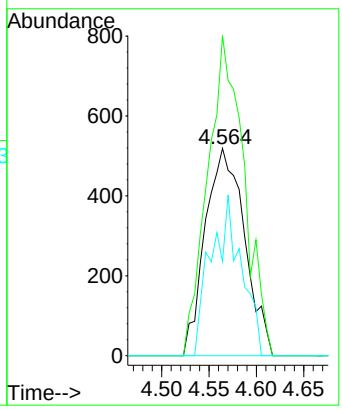




#27
cis-1,2-Dichloroethene
Concen: 2.08 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 96 Resp: 1498

Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	285.6
98	59.4	0.0	129.6



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ClientSampleId :
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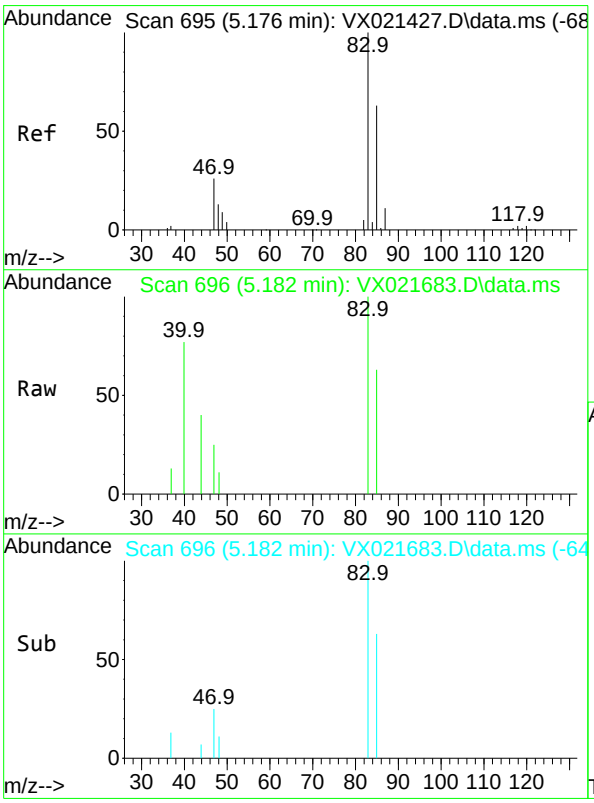
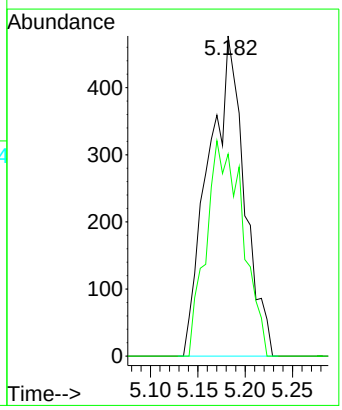


#30
Chloroform
Concen: 0.99 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 83 Resp: 1258

Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.0	78.0



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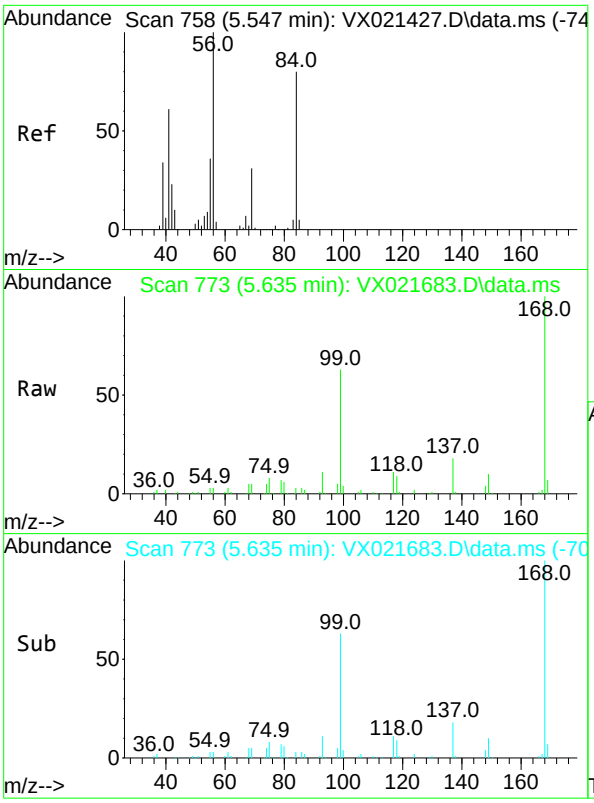
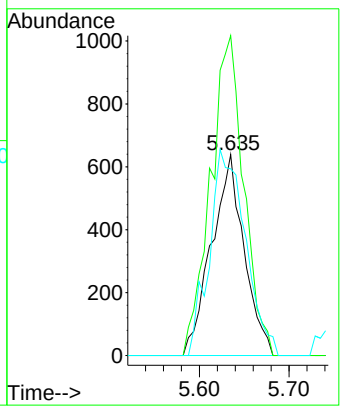
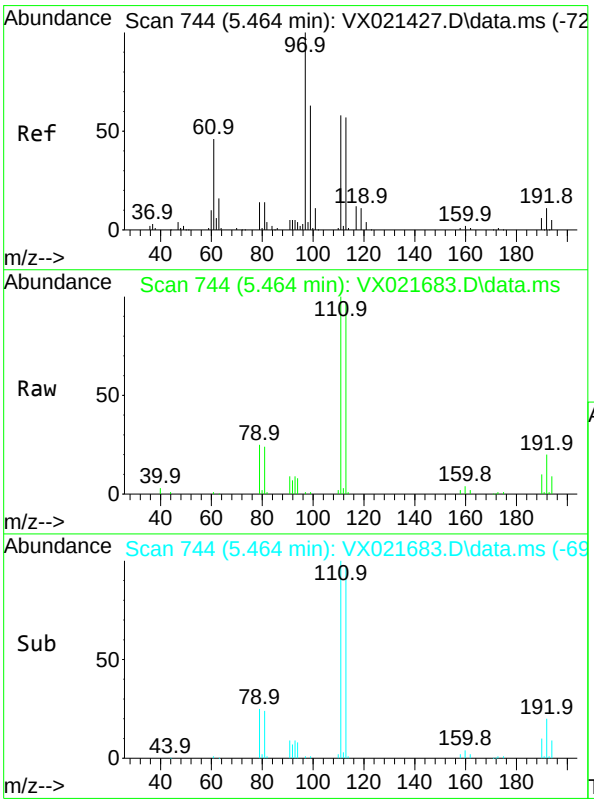


#31
Cyclohexane
Concen: 1.57 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 56 Resp: 1608

Ion	Ratio	Lower	Upper
56	100		
69	159.2	25.3	37.9#
84	93.0	71.4	107.0

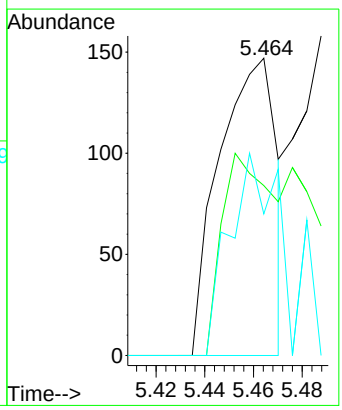


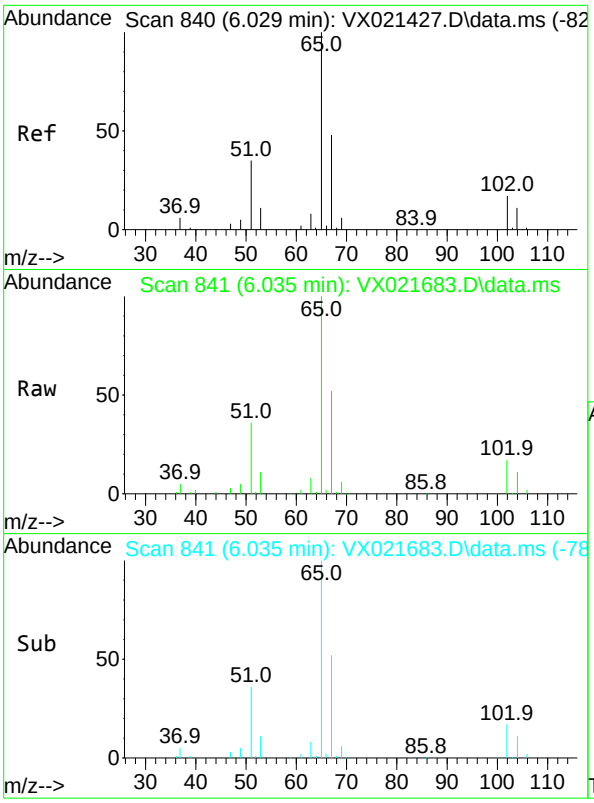


#32
1,1,1-Trichloroethane
Concen: 0.21 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 97 Resp: 241

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	65.6	34.2	51.4#

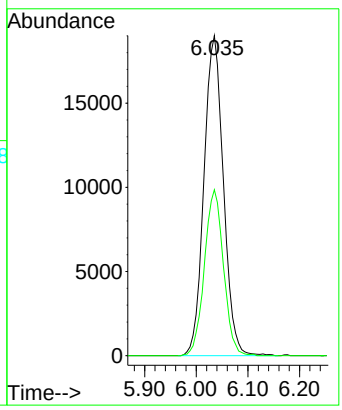




#33
1,2-Dichloroethane-d4
Concen: 53.31 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 65 Resp: 49691

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	105.4



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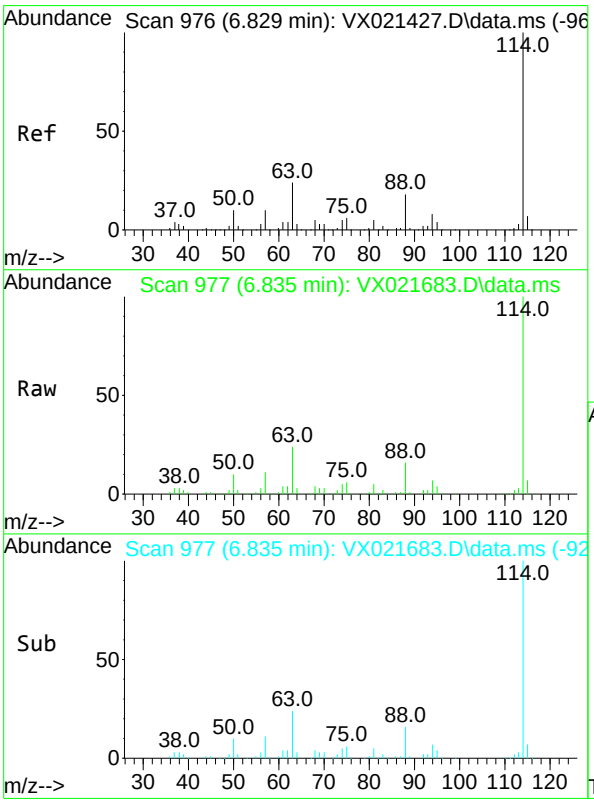
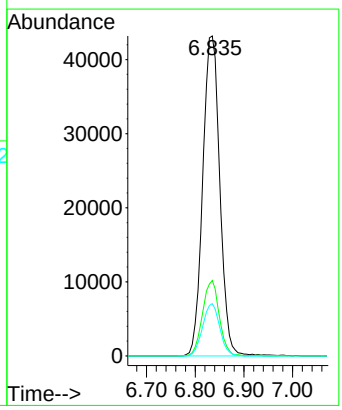


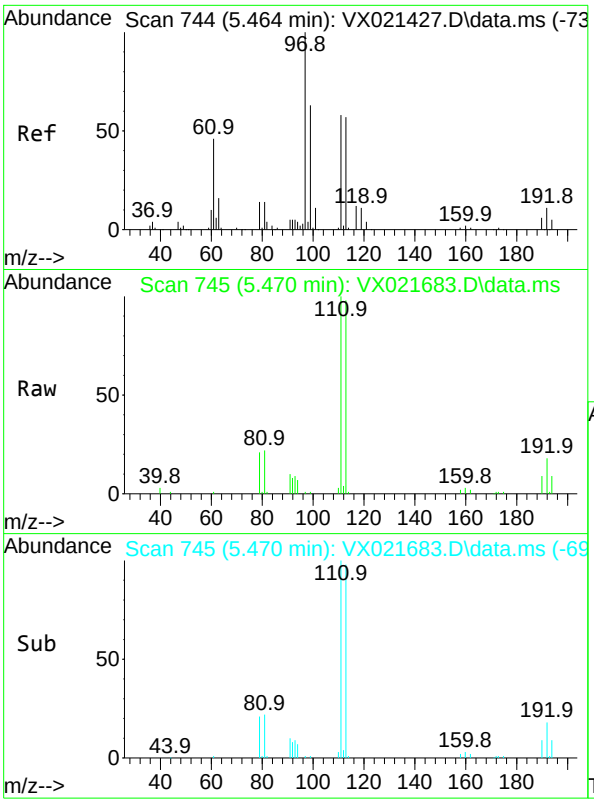
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion:114 Resp: 105000

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	40.8
88	16.3	0.0	32.8



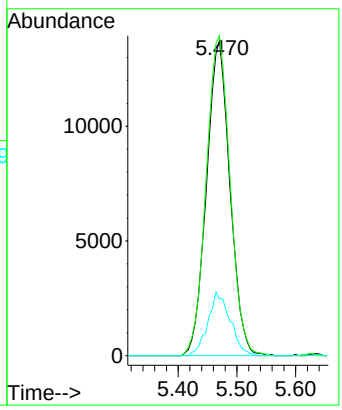
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210324

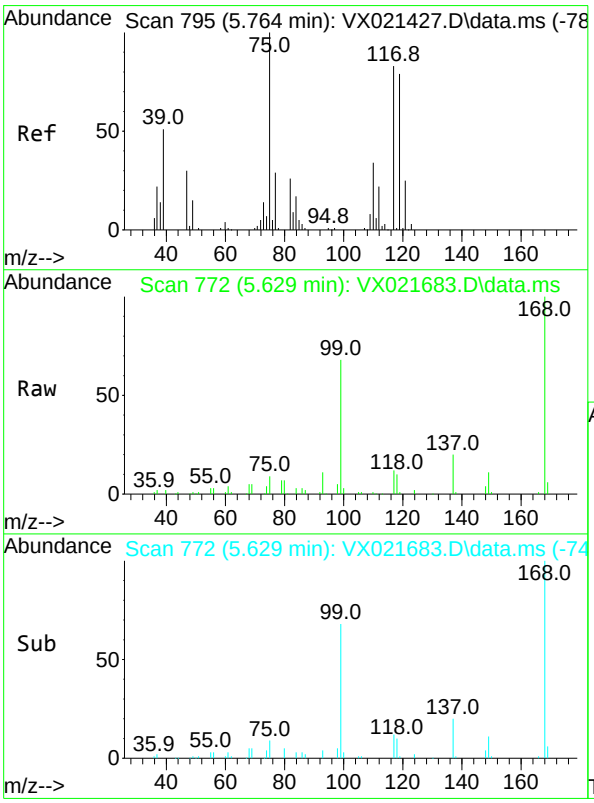


#35
Dibromofluoromethane
Concen: 50.87 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion:113 Resp: 37941

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	19.3	16.7	25.1

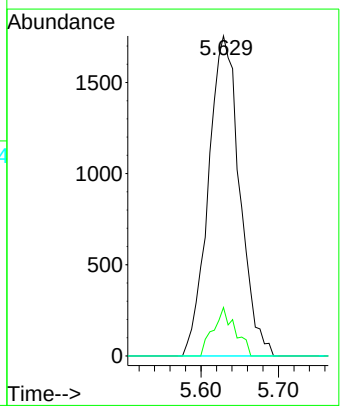


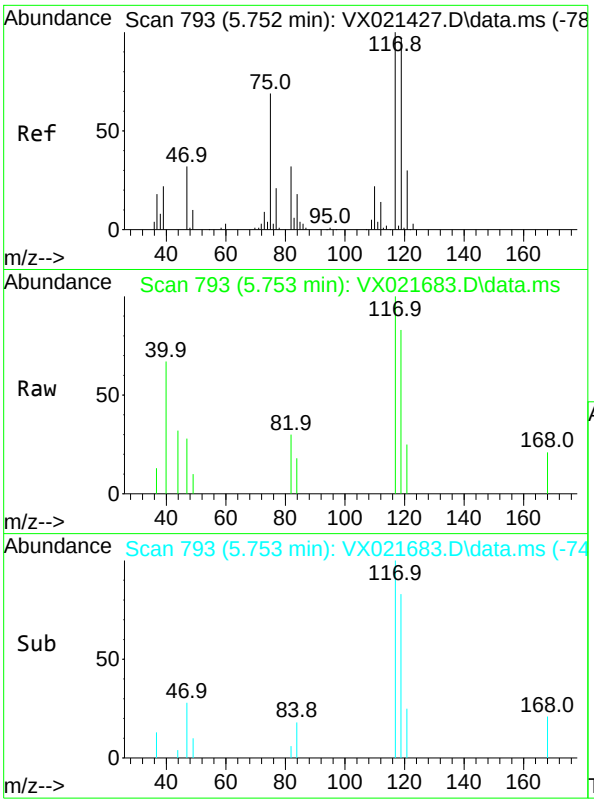


#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 75 Resp: 4932

Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.4#
77	0.0	25.3	37.9#

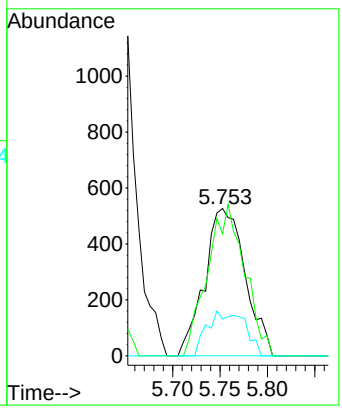




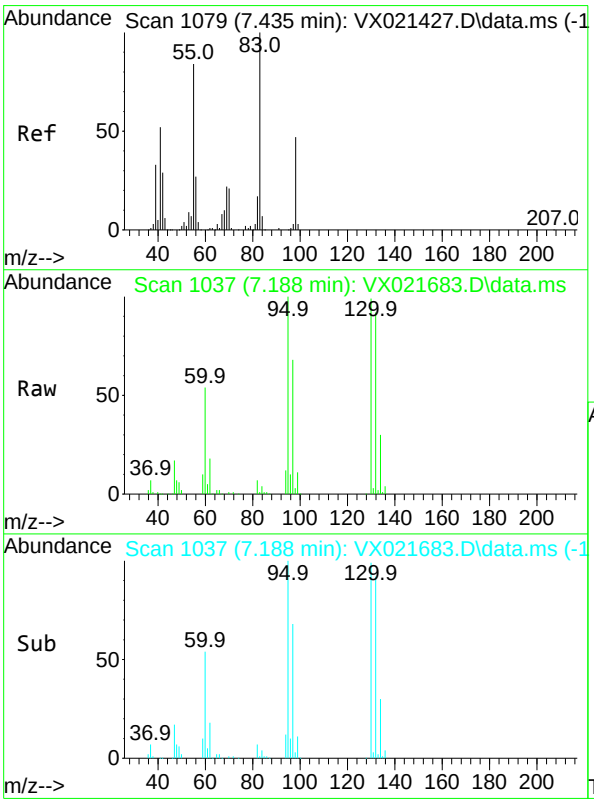
#38
Carbon Tetrachloride
Concen: 1.42 ug/l
RT: 5.753 min Scan# 793
Delta R.T. 0.001 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion:117 Resp: 1571

Ion	Ratio	Lower	Upper
117	100		
119	82.7	76.2	114.2
121	25.0	24.8	37.2



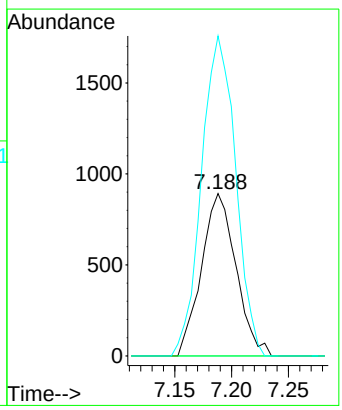
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210324

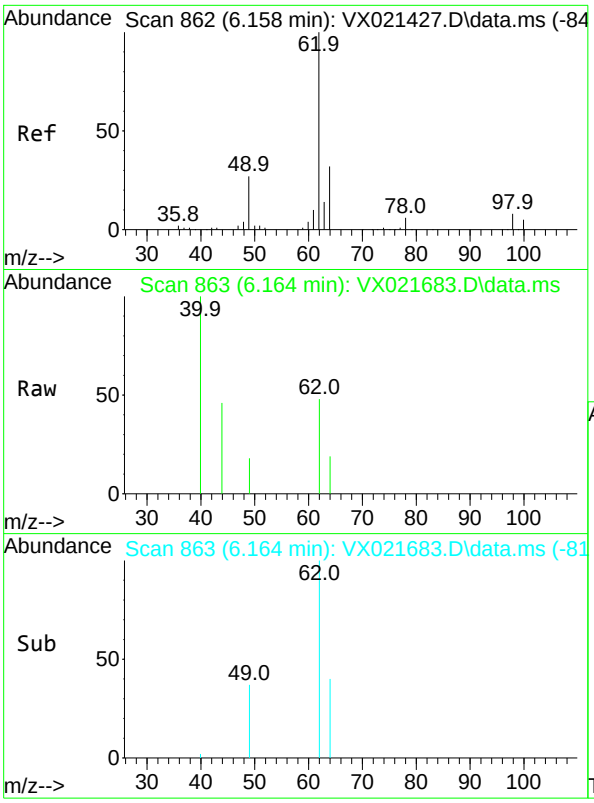


#39
Methylcyclohexane
Concen: 1.65 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.247 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 83 Resp: 1887

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	197.1	38.1	57.1#

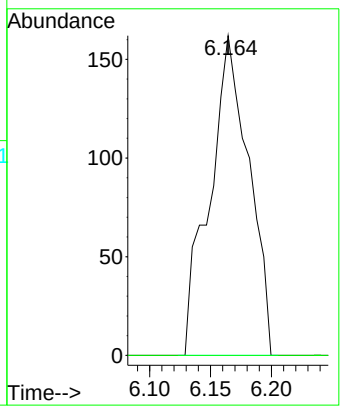




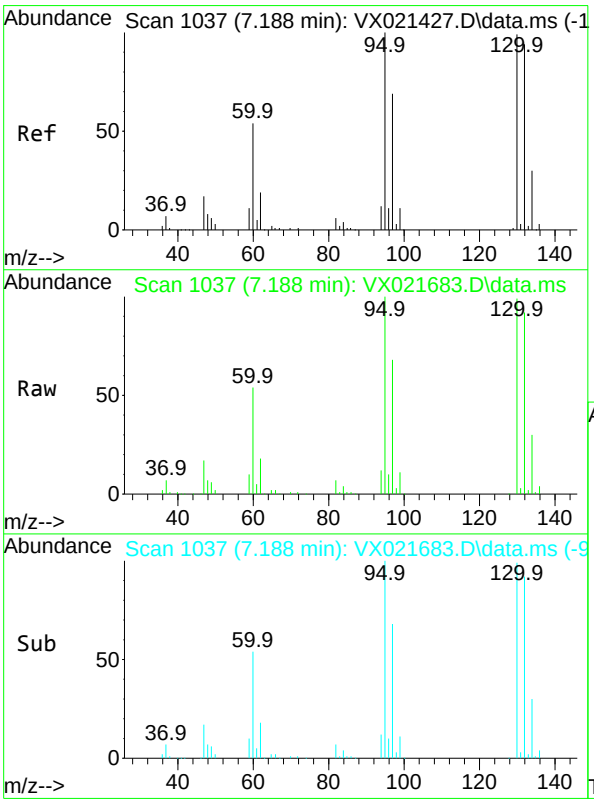
#42
1,2-Dichloroethane
Concen: 0.29 ug/l
RT: 6.164 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 62 Resp: 364

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2



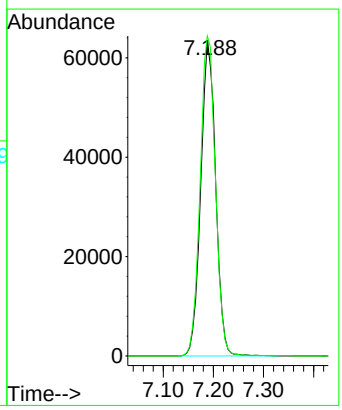
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210324

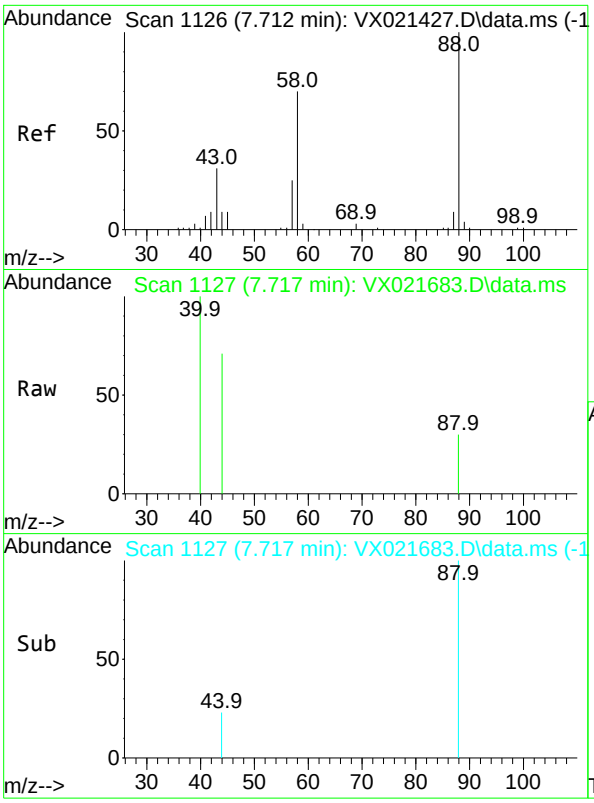


#44
Trichloroethene
Concen: 169.59 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion:130 Resp: 130747

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	198.0

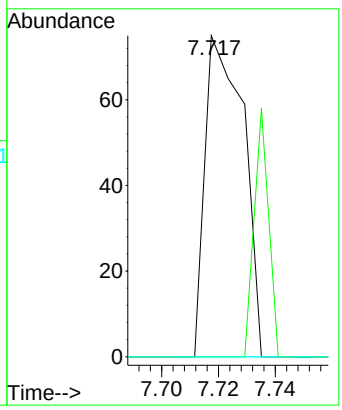




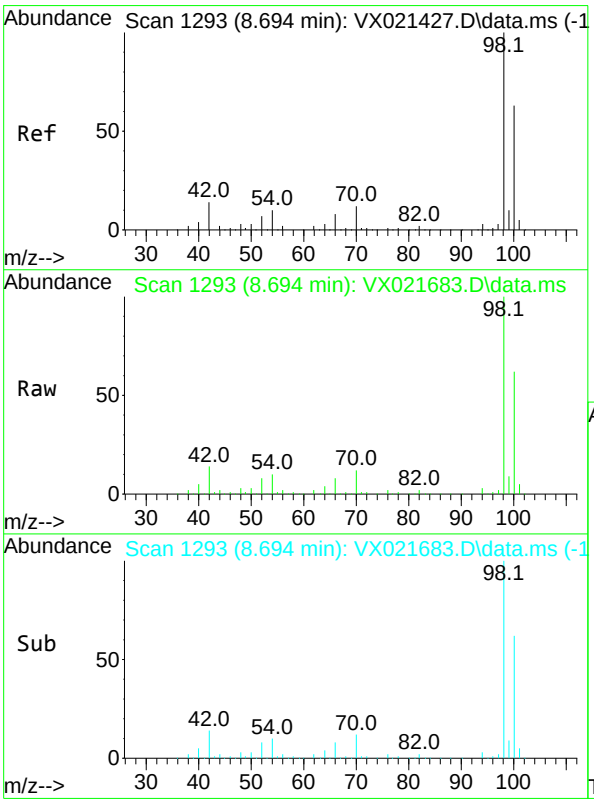
#49
1,4-Dioxane
Concen: 3.79 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.2	34.8
58	0.0	55.0	82.4#



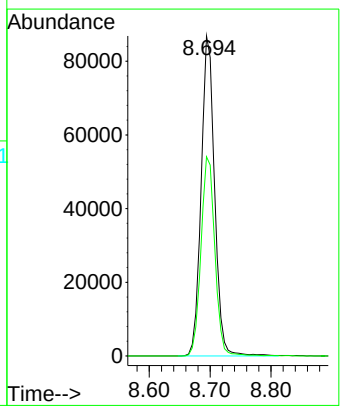
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210324



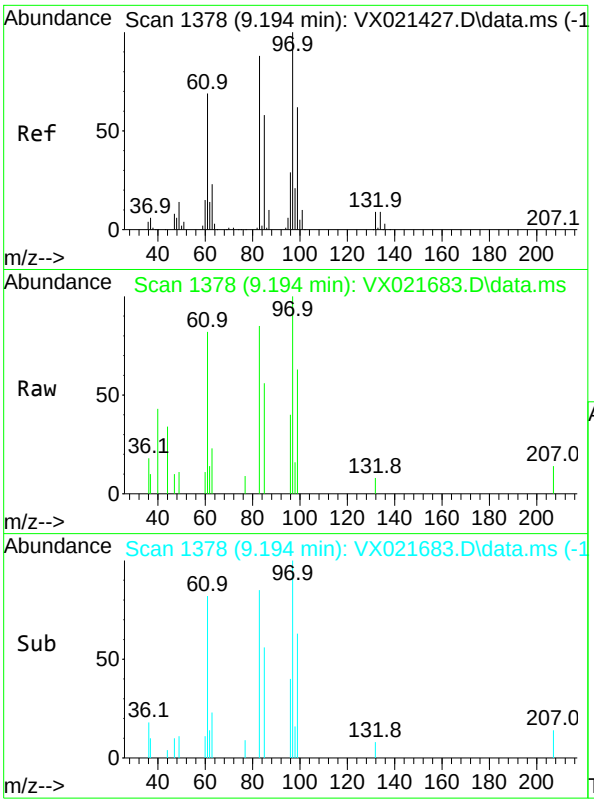
#50
Toluene-d8
Concen: 50.26 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 98 Resp: 133577

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9



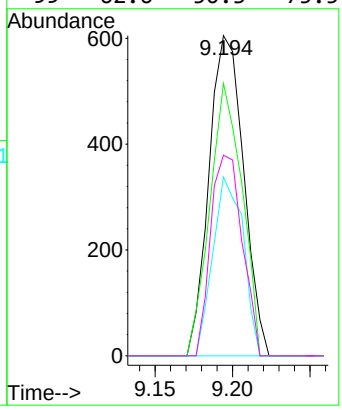
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210324

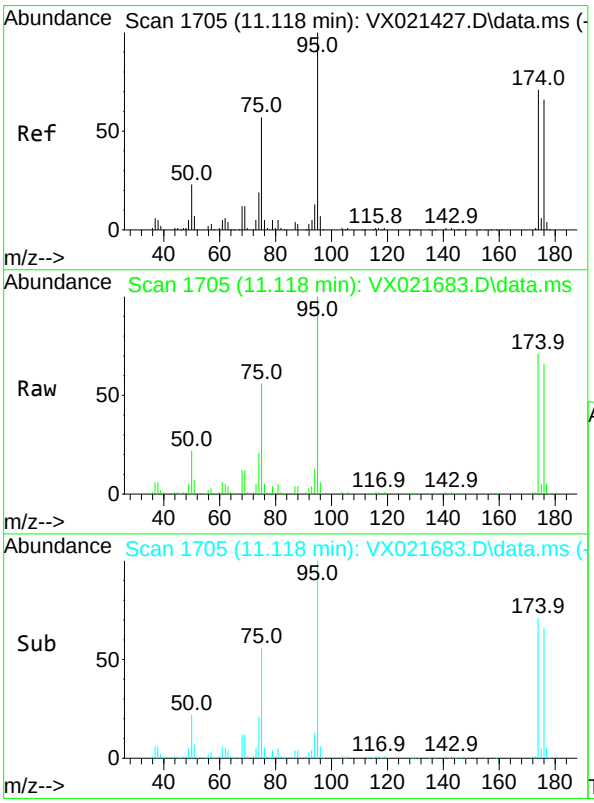


#55
1,1,2-Trichloroethane
Concen: 1.23 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 97 Resp: 939

Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.3	103.9
85	55.9	44.3	66.5
99	62.6	50.3	75.5

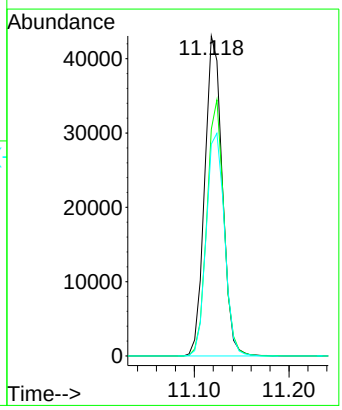




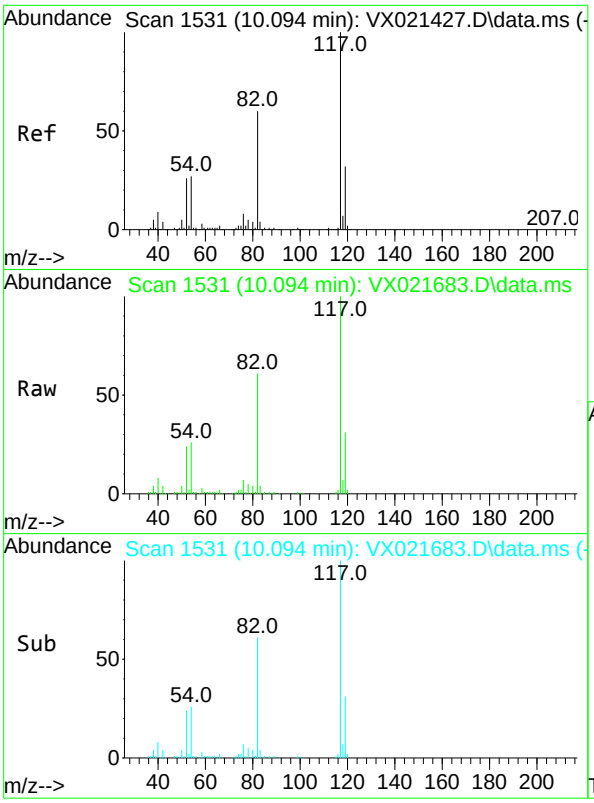
#62
4-Bromofluorobenzene
Concen: 53.70 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 95 Resp: 55488

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	154.6
176	71.9	0.0	155.8



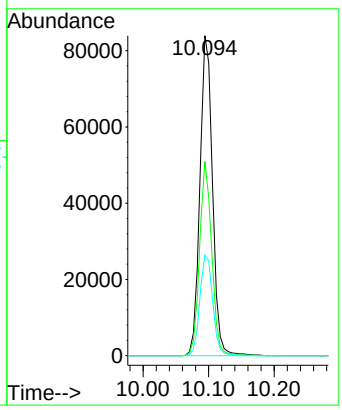
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210324

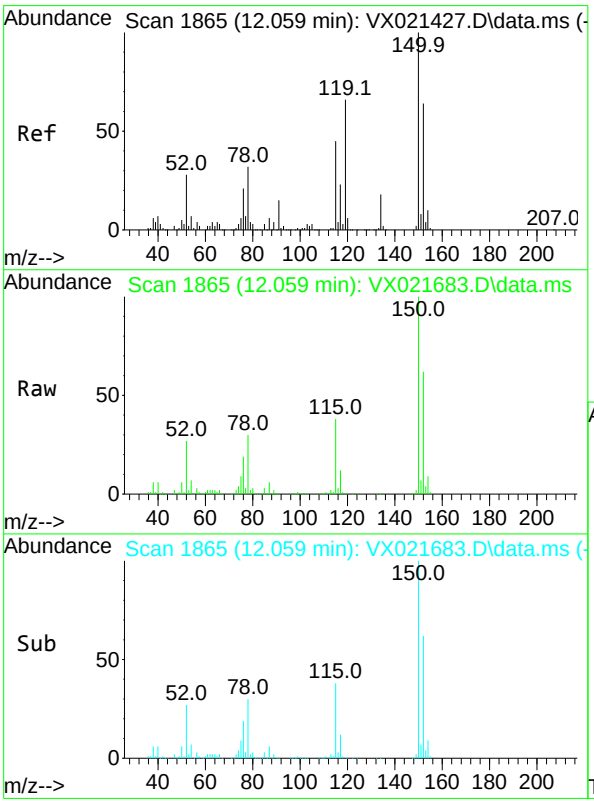


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion:117 Resp: 112115

Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.4	71.2
119	31.4	26.6	39.8

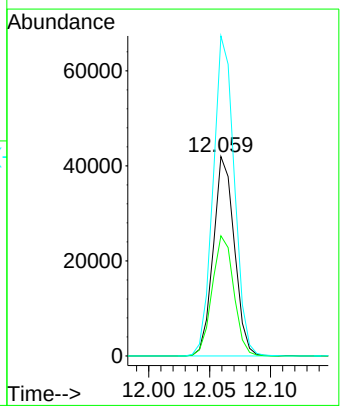




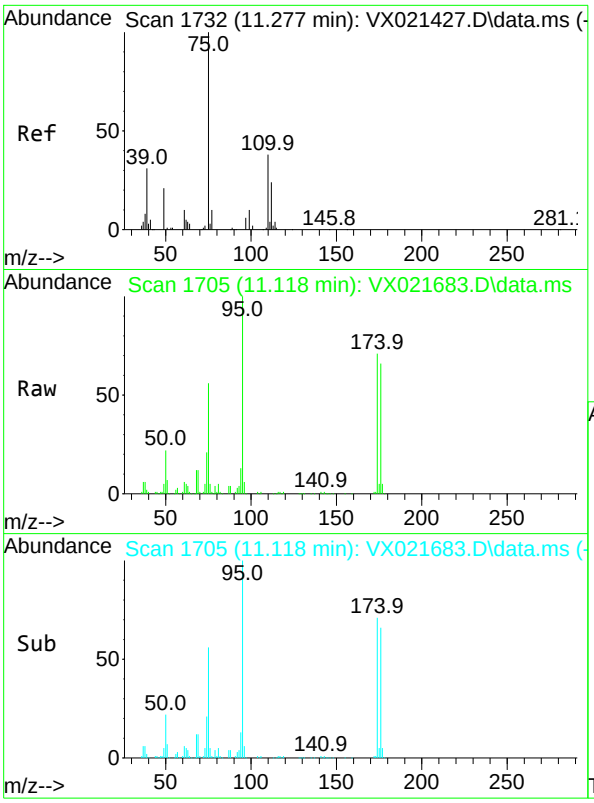
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion:152 Resp: 50527

Ion	Ratio	Lower	Upper
152	100		
115	61.7	41.1	123.3
150	161.8	0.0	349.0



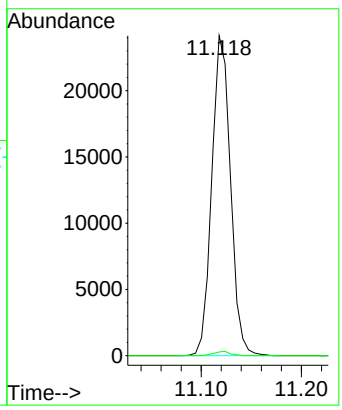
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210324

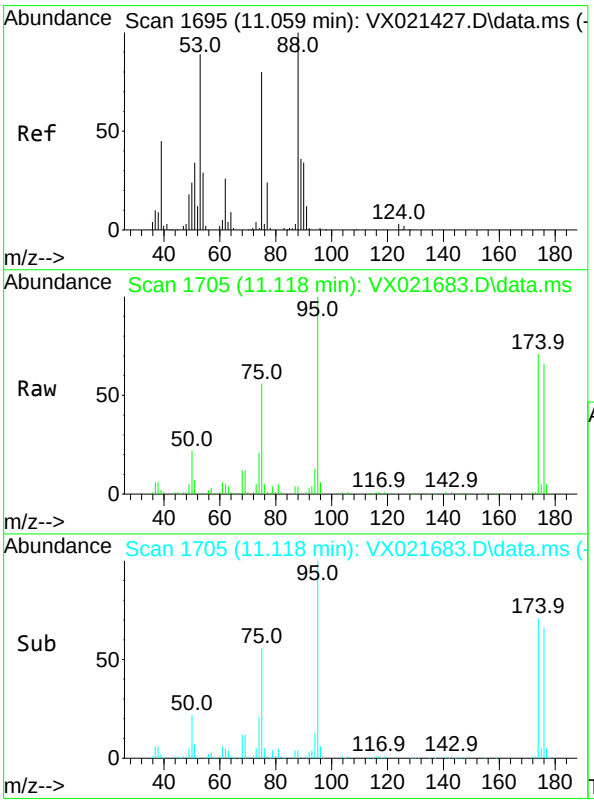


#76
1,2,3-Trichloropropane
Concen: 26.52 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

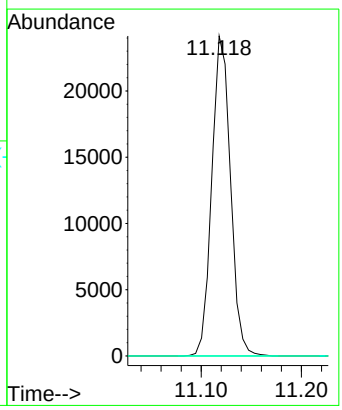
Tgt Ion: 75 Resp: 31193

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.77 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021683.D
Acq: 31 Mar 2021 14:33

Tgt Ion: 75 Resp: 31193

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