Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
Data File : VX023684.D
Acq On : 13 Aug 2021 12:41
Operator : JC/MD
Sample : PB138358ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Aug 14 05:23:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.562	168	155131	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.769	114	264441	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.061	117	251914	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100492	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65	108428	56.032	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.060%				
35) Dibromofluoromethane	5.397	113	84881	51.337	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%				
50) Toluene-d8	8.653	98	331798	54.620	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.240%				
62) 4-Bromofluorobenzene	11.085	95	113529	54.961	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.920%				
Target Compounds							Qvalue
5) Bromomethane	1.617	94	514	0.514	ug/l		82
6) Chloroethane	1.654	64	235	0.228	ug/l	#	43
10) Methyl Iodide	2.465	142	978	0.508	ug/l	#	85
11) Tert butyl alcohol	2.971	59	1533	3.468	ug/l	#	73
13) Acrolein	2.227	56	111	1.855	ug/l	#	70
16) Acetone	2.386	43	28560	30.087	ug/l		90
18) Methyl Acetate	2.721	43	1661	0.736	ug/l	#	89
20) Methylene Chloride	2.794	84	11450	6.201	ug/l		88
25) 2-Butanone	4.580	43	4752	3.225	ug/l		97
29) Tetrahydrofuran	5.037	42	1673	1.732	ug/l	#	69
31) Cyclohexane	5.568	56	3679	1.283	ug/l	#	21
36) 1,1-Dichloropropene	5.562	75	12362	5.168	ug/l	#	49
38) Carbon Tetrachloride	5.562	117	15989	6.572	ug/l	#	17
41) Methacrylonitrile	5.031	41	501	0.315	ug/l	#	1
43) Isopropyl Acetate	6.354	43	23218	4.968	ug/l		93
48) Methyl methacrylate	7.604	41	6164	2.848	ug/l	#	10
49) 1,4-Dioxane	7.793	88	192	4.166	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.555	43	87092	30.466	ug/l	#	45
53) t-1,3-Dichloropropene	8.982	75	75	1.842	ug/l	#	44
54) cis-1,3-Dichloropropene	8.555	75	37527	13.125	ug/l	#	71
57) 1,3-Dichloropropane	9.488	76	23158	7.659	ug/l	#	43
59) 2-Hexanone	9.488	43	343212	158.105	ug/l	#	43
74) N-amyl acetate	10.774	43	797	0.230	ug/l	#	43
76) 1,2,3-Trichloropropane	11.085	75	59529	26.919	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.451	105	4616	0.747	ug/l		95
81) trans-1,4-Dichloro-2-b...	11.085	75	59529	72.382	ug/l	#	12

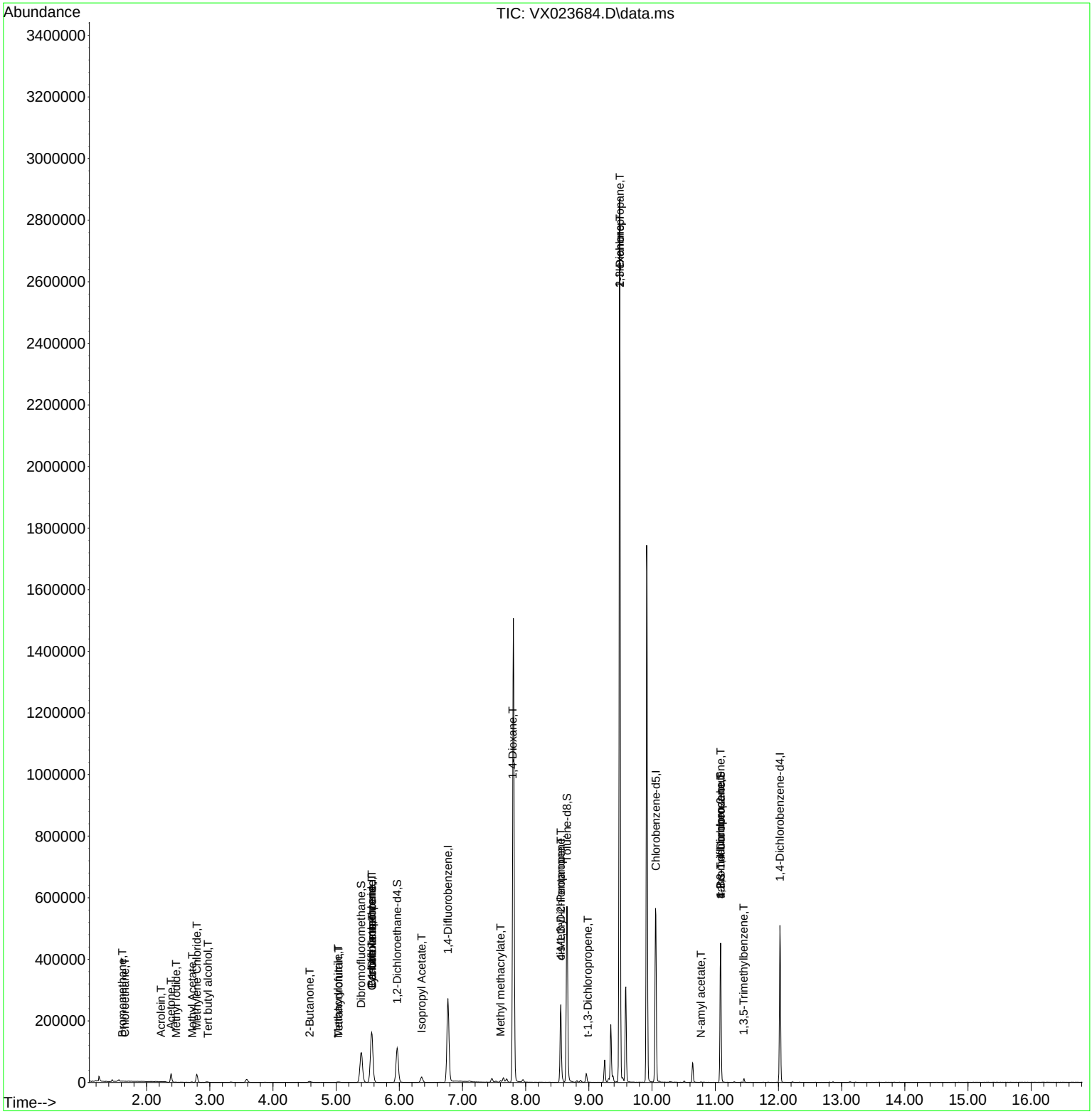
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

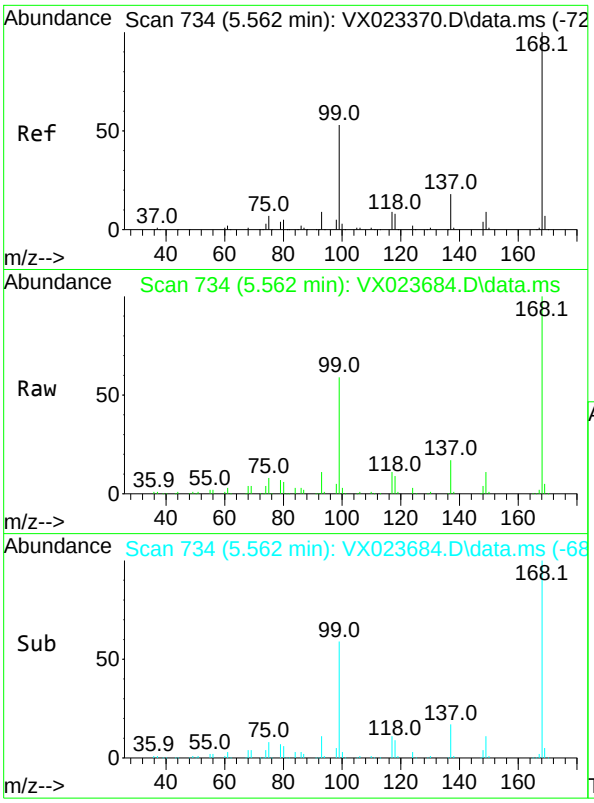
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
Data File : VX023684.D
Acq On : 13 Aug 2021 12:41
Operator : JC/MD
Sample : PB138358ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 14 05:23:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration



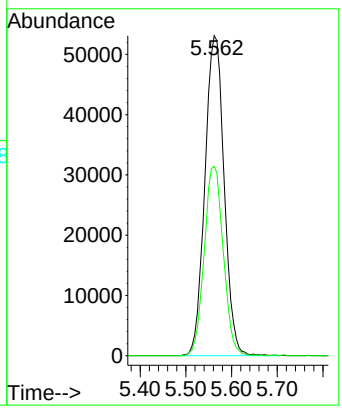
Instrument :
MSVOA_X
ClientSampleId :

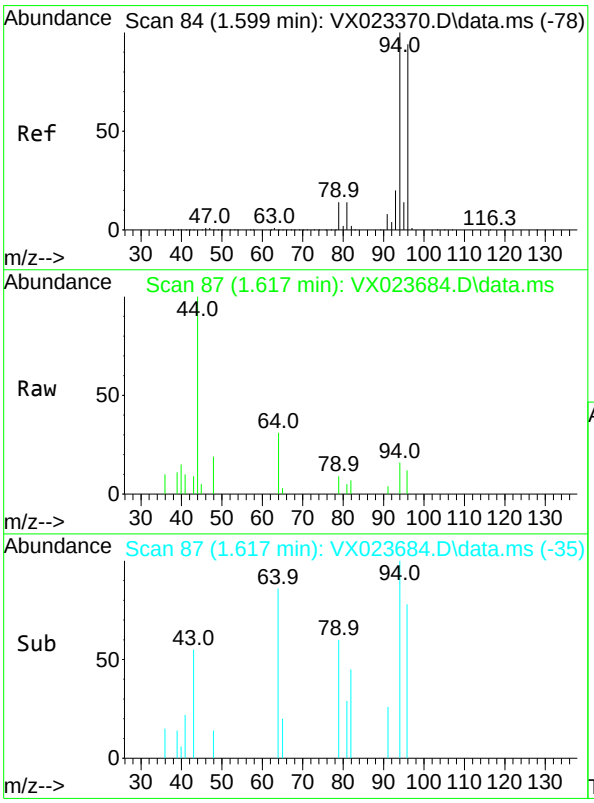


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion:168 Resp: 155131

Ion	Ratio	Lower	Upper
168	100		
99	59.2	45.8	68.6

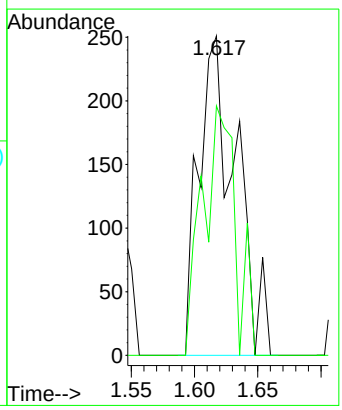


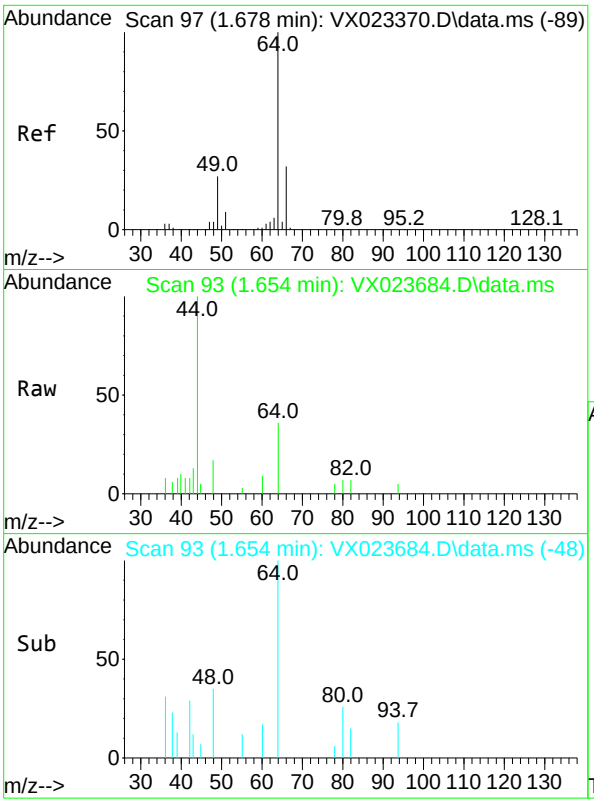


#5
Bromomethane
Concen: 0.514 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 94 Resp: 514

Ion	Ratio	Lower	Upper
94	100		
96	78.1	76.4	114.6

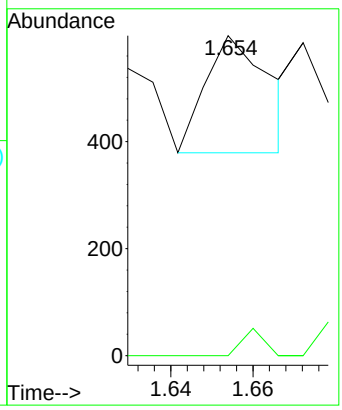




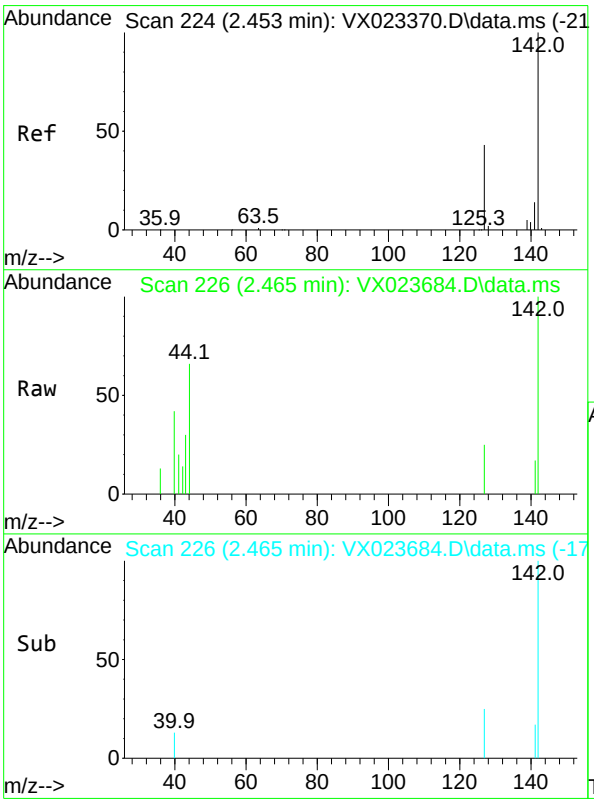
#6
Chloroethane
Concen: 0.228 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.024 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 64 Resp: 235

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



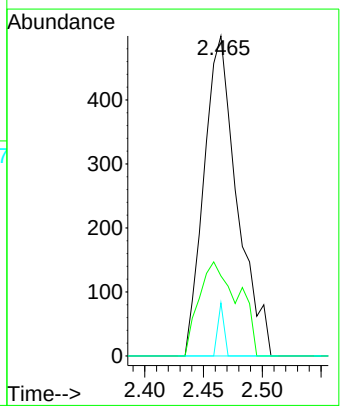
Instrument :
MSVOA_X
ClientSampleId :



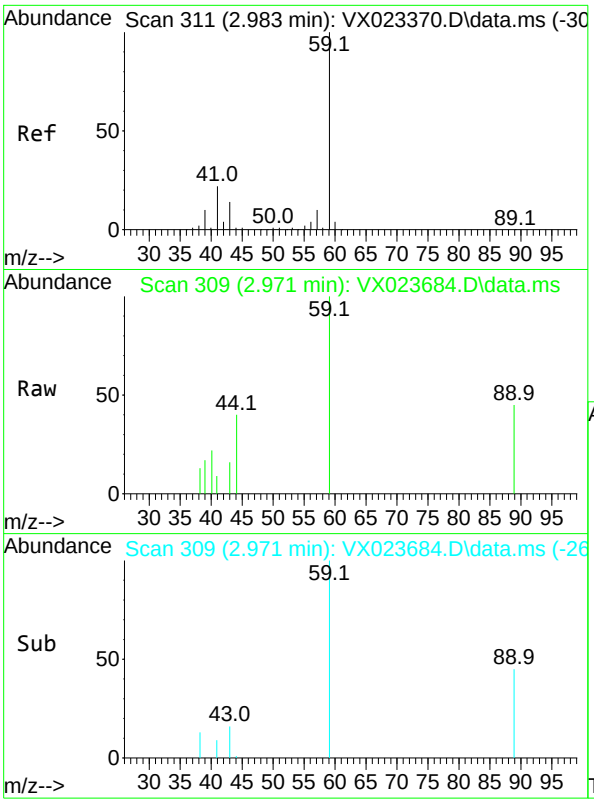
#10
Methyl Iodide
Concen: 0.508 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion:142 Resp: 978

Ion	Ratio	Lower	Upper
142	100		
127	34.8	33.3	49.9
141	3.1	11.4	17.0#



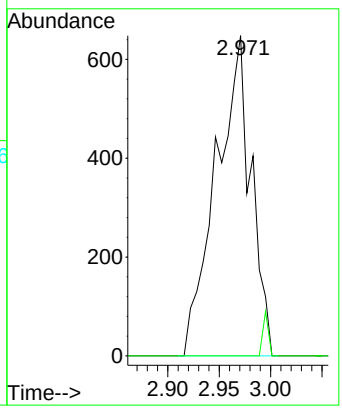
Instrument :
MSVOA_X
ClientSampleId :

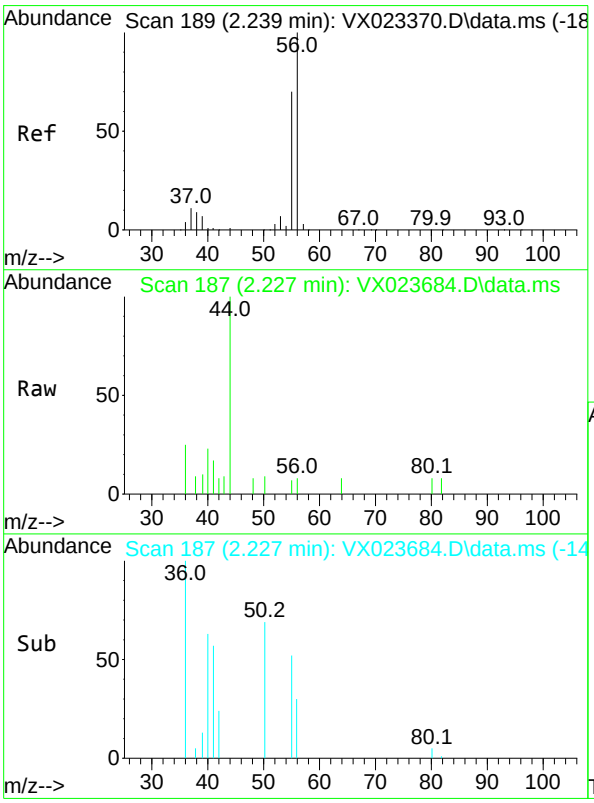


#11
Tert butyl alcohol
Concen: 3.468 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 59 Resp: 1533

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

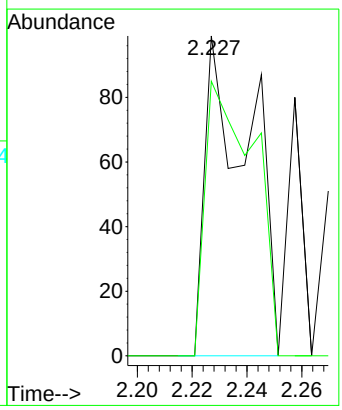




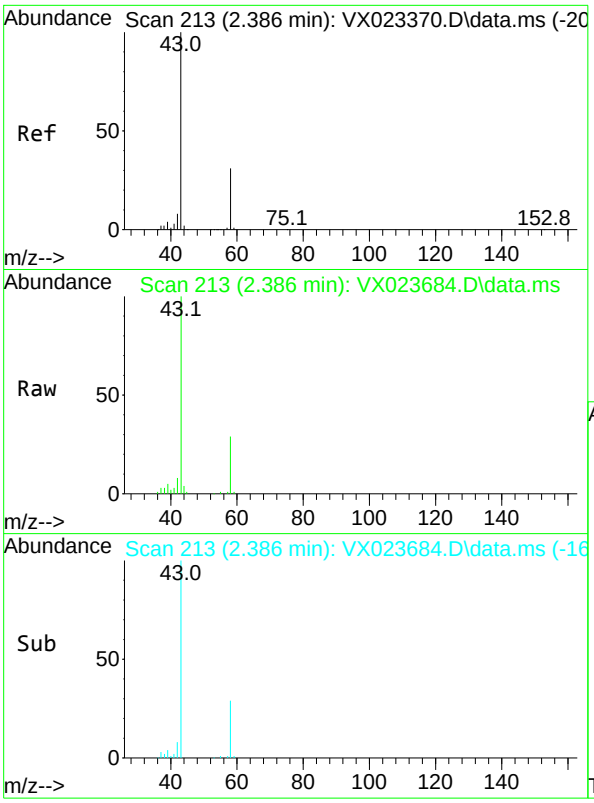
#13
Acrolein
Concen: 1.855 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 56 Resp: 111

Ion	Ratio	Lower	Upper
56	100		
55	95.5	56.4	84.6#



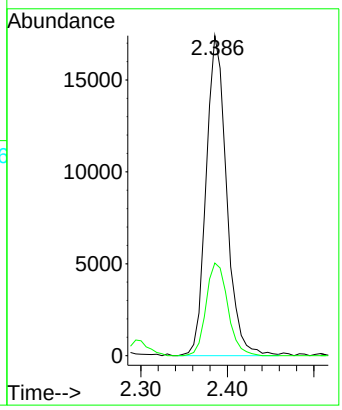
Instrument :
MSVOA_X
ClientSampleId :

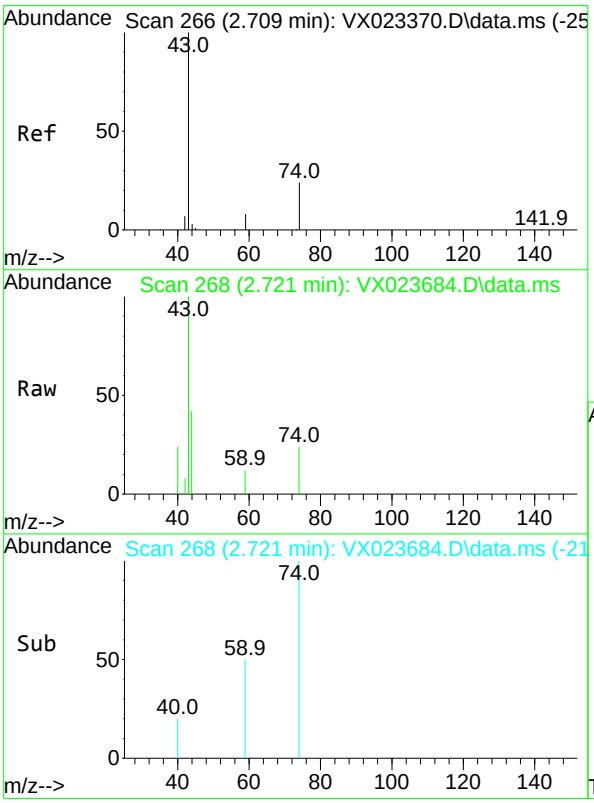


#16
Acetone
Concen: 30.087 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 43 Resp: 28560

Ion	Ratio	Lower	Upper
43	100		
58	28.9	27.8	41.8

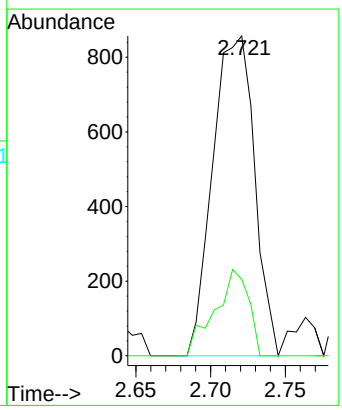


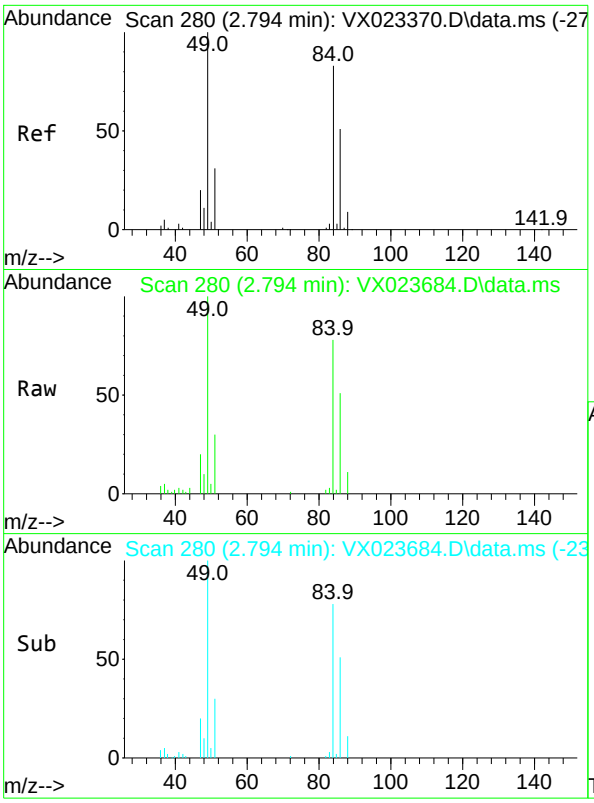


#18
Methyl Acetate
Concen: 0.736 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 43 Resp: 1661

Ion	Ratio	Lower	Upper
43	100		
74	21.8	21.9	32.9#

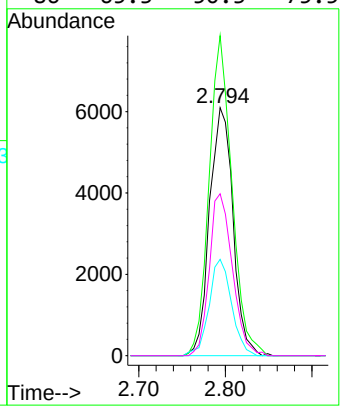




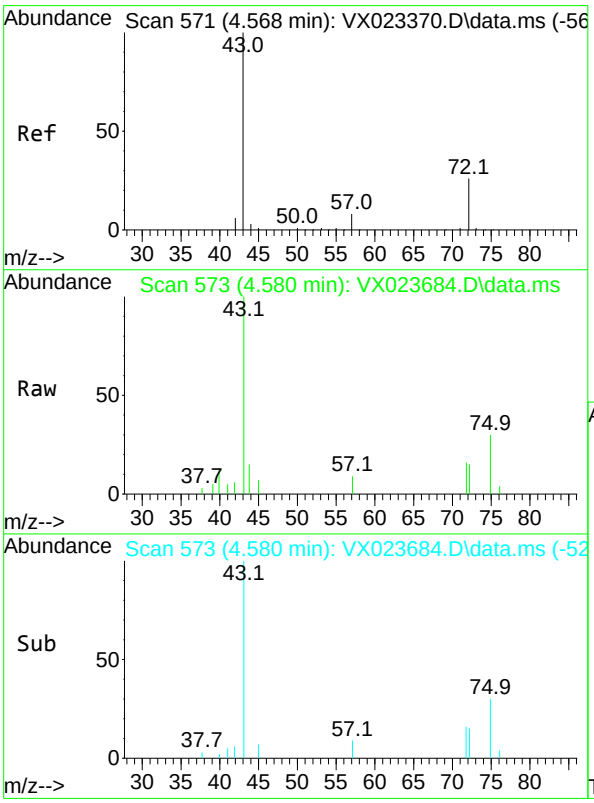
#20
Methylene Chloride
Concen: 6.201 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 84 Resp: 11450

Ion	Ratio	Lower	Upper
84	100		
49	129.0	88.6	132.8
51	38.9	27.0	40.6
86	65.3	50.3	75.5



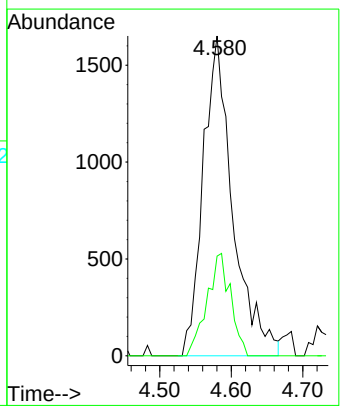
Instrument :
MSVOA_X
ClientSampleId :



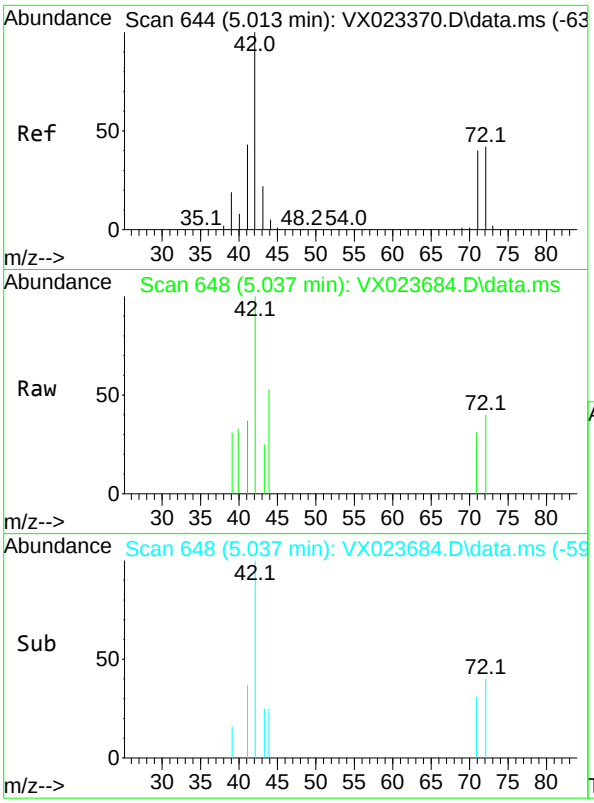
#25
2-Butanone
Concen: 3.225 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 43 Resp: 4752

Ion	Ratio	Lower	Upper
43	100		
72	31.2	23.7	35.5



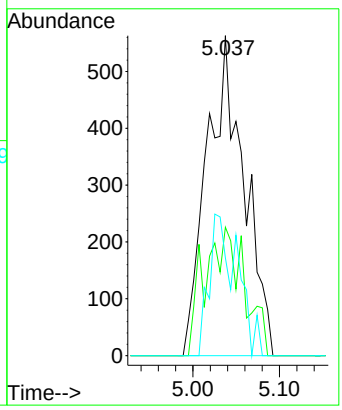
Instrument :
MSVOA_X
ClientSampleId :

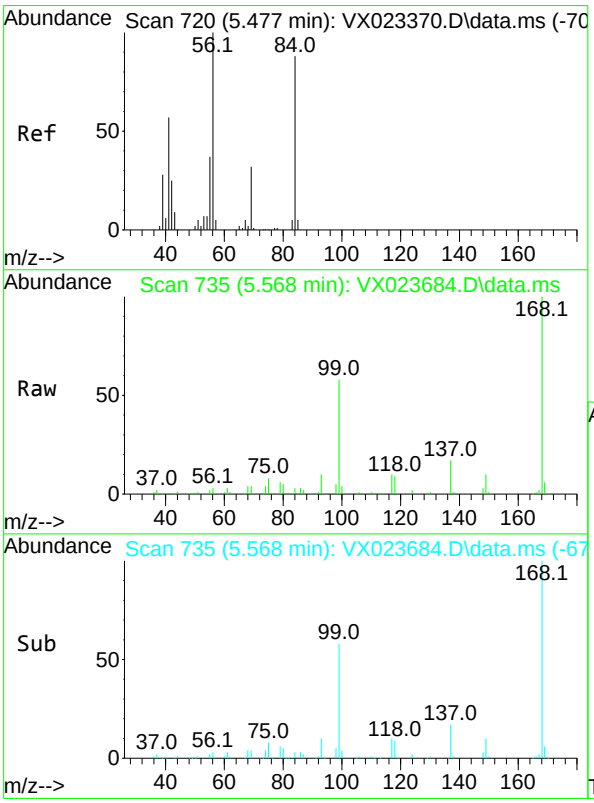


#29
Tetrahydrofuran
Concen: 1.732 ug/l
RT: 5.037 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 42 Resp: 1673

Ion	Ratio	Lower	Upper
42	100		
72	34.7	41.7	62.5#
71	21.9	38.4	57.6#

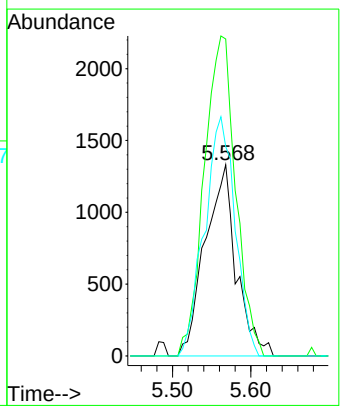


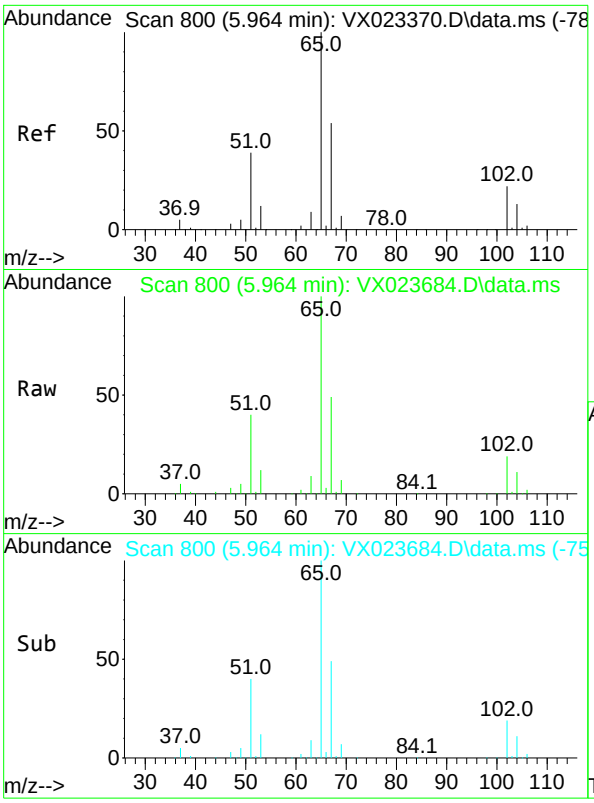


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 56 Resp: 3679

Ion	Ratio	Lower	Upper
56	100		
69	165.8	25.3	37.9#
84	109.5	71.4	107.0#

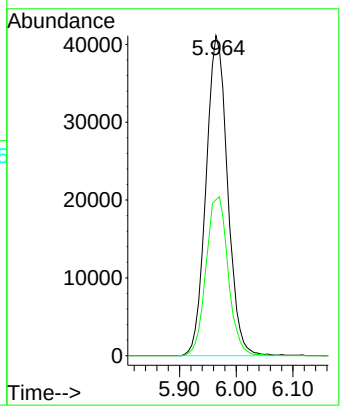




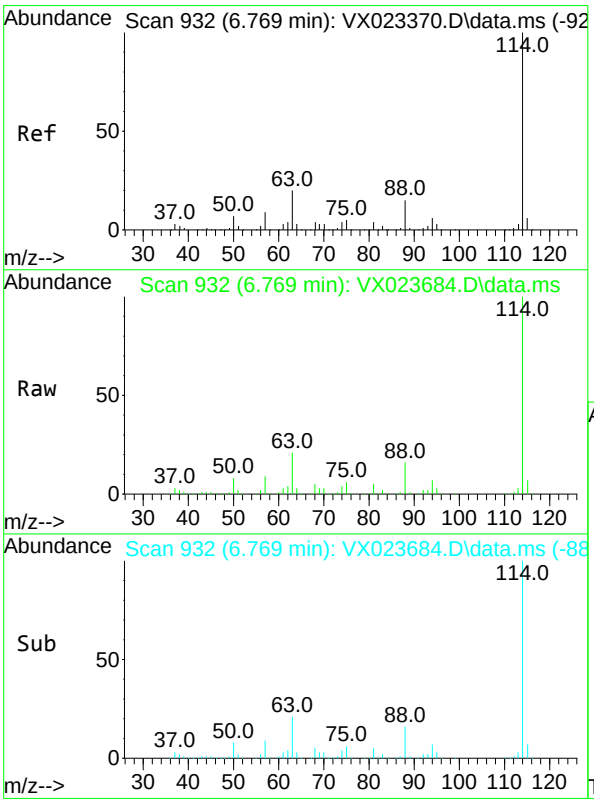
#33
1,2-Dichloroethane-d4
Concen: 56.032 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 65 Resp: 108428

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.4



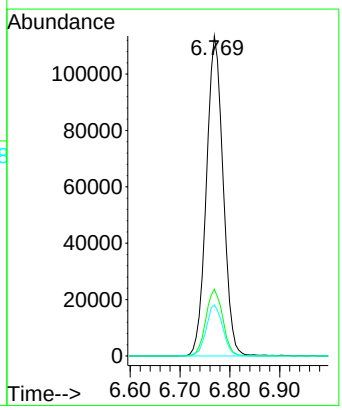
Instrument :
MSVOA_X
ClientSampleId :



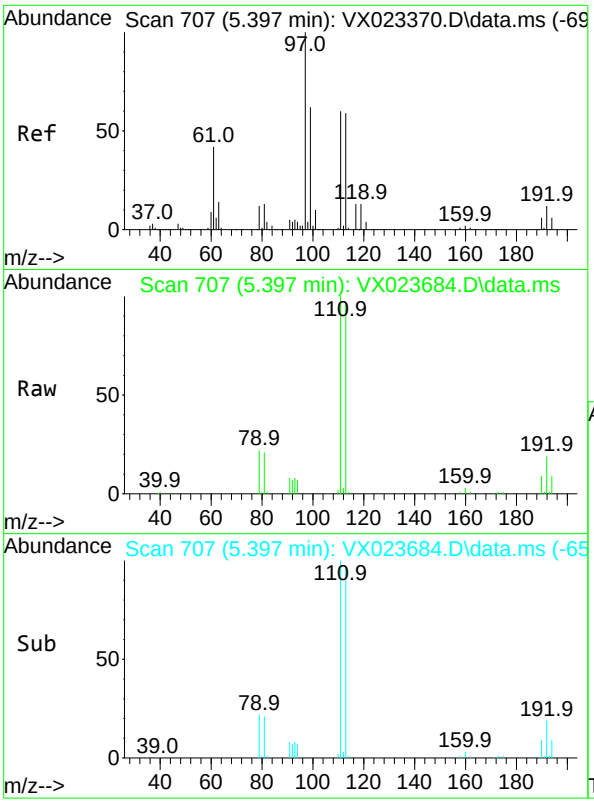
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion:114 Resp: 264441

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.0	0.0	32.8



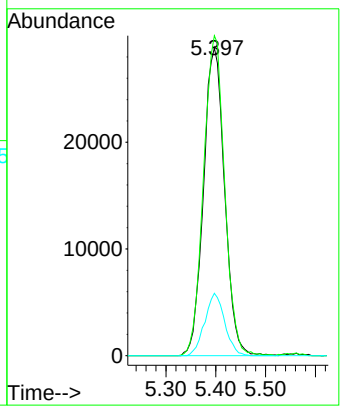
Instrument :
MSVOA_X
ClientSampleId :

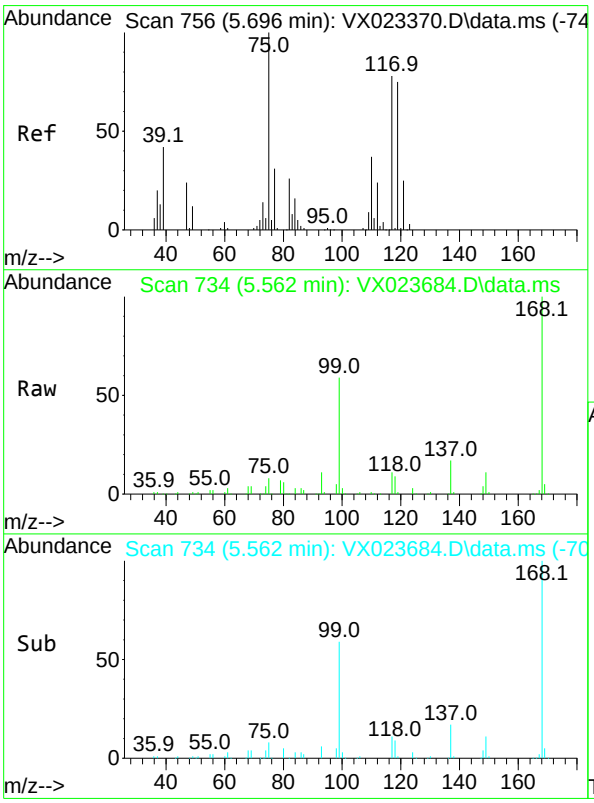


#35
Dibromofluoromethane
Concen: 51.337 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion:113 Resp: 84881

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	19.1	16.7	25.1

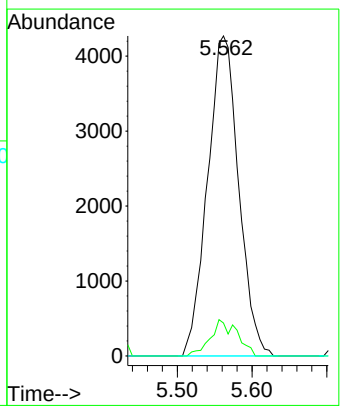




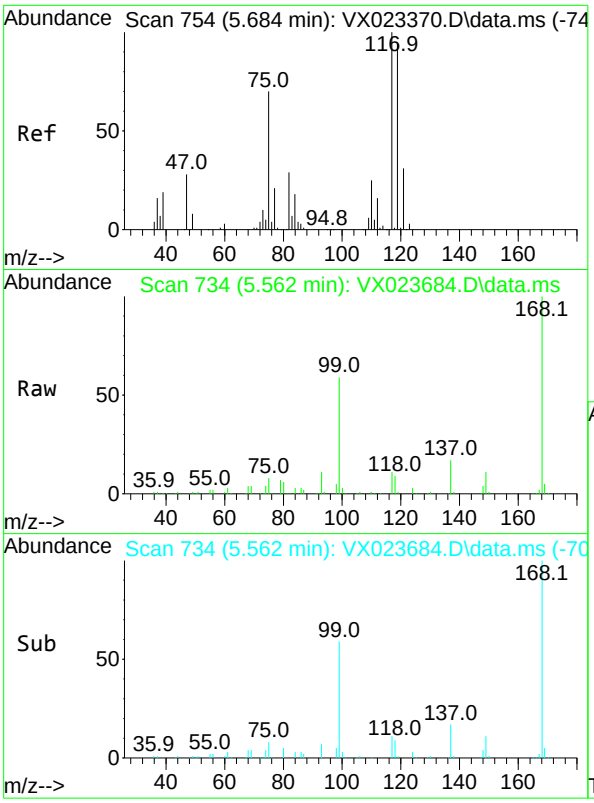
#36
1,1-Dichloropropene
Concen: 5.168 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 75 Resp: 12362

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#



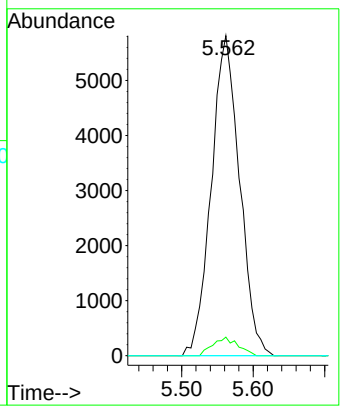
Instrument :
MSVOA_X
ClientSampleId :

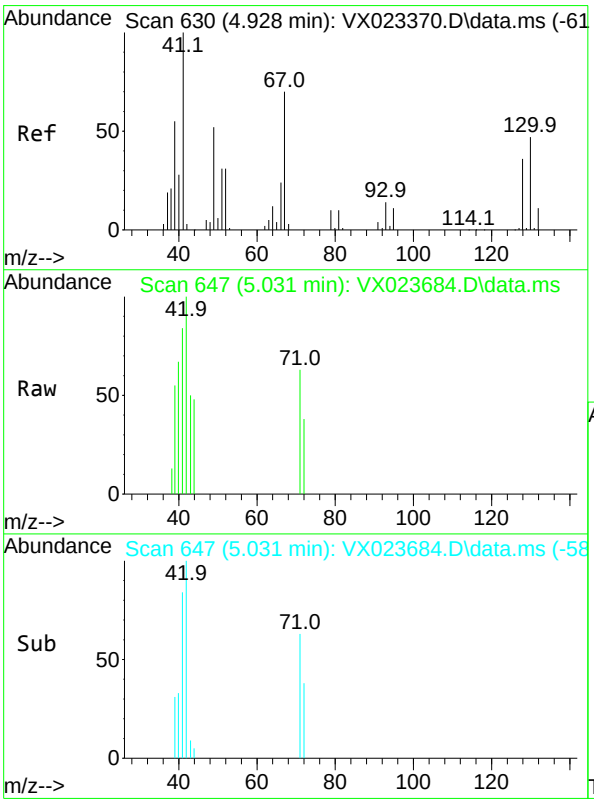


#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion:117 Resp: 15989

Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.2	114.2#
121	0.0	24.8	37.2#

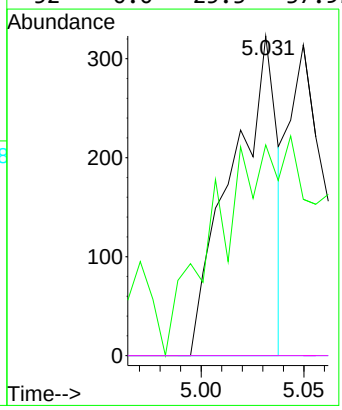


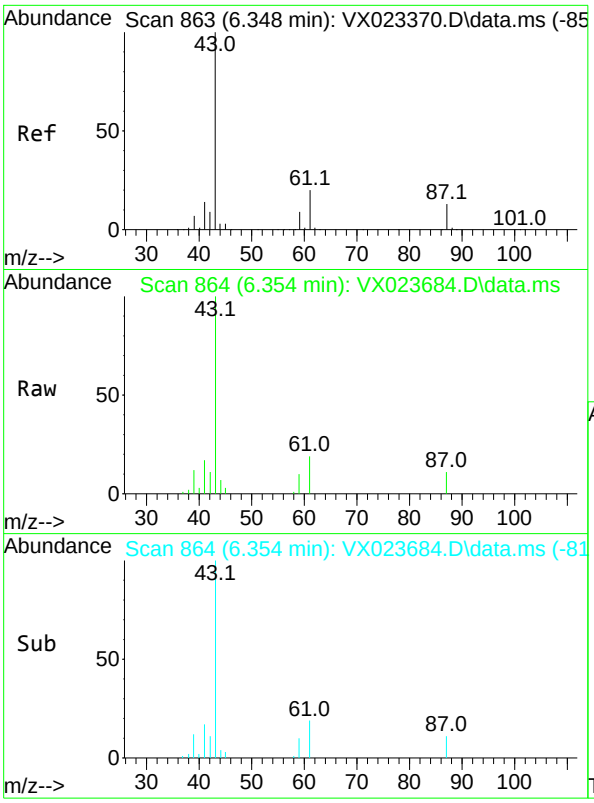


#41
Methacrylonitrile
Concen: 0.315 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.103 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 41 Resp: 501

Ion	Ratio	Lower	Upper
41	100		
39	183.2	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

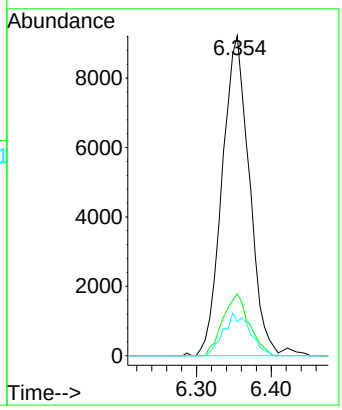




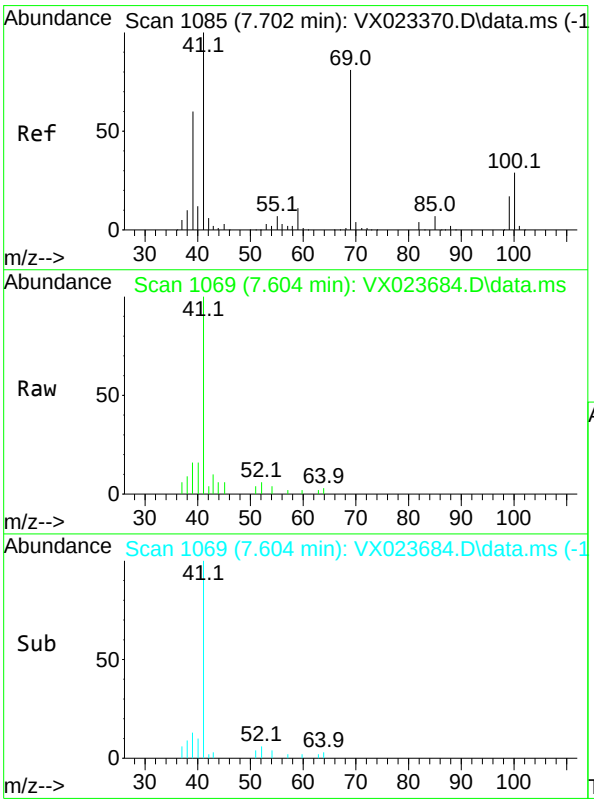
#43
Isopropyl Acetate
Concen: 4.968 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 43 Resp: 23218

Ion	Ratio	Lower	Upper
43	100		
61	18.8	18.2	27.4
87	13.0	12.5	18.7



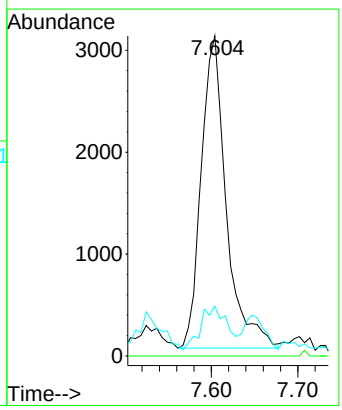
Instrument :
MSVOA_X
ClientSampleId :

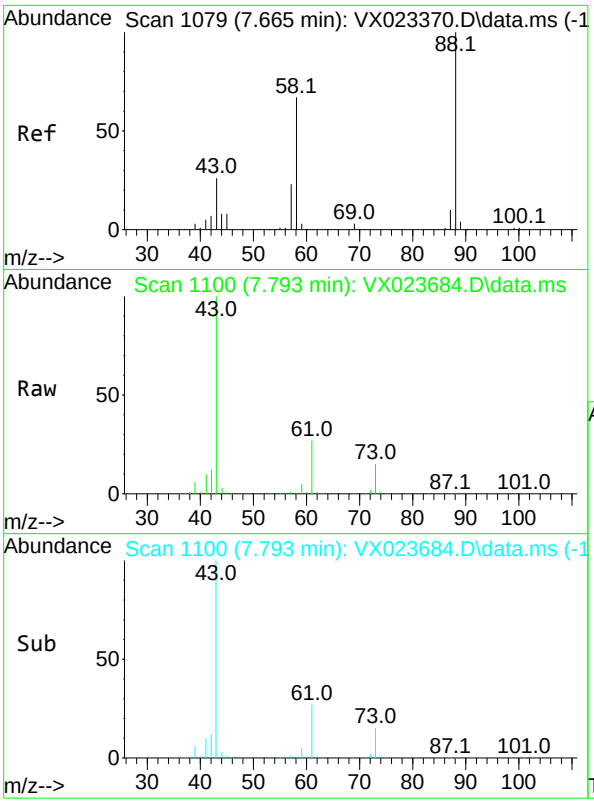


#48
Methyl methacrylate
Concen: 2.848 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 41 Resp: 6164

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



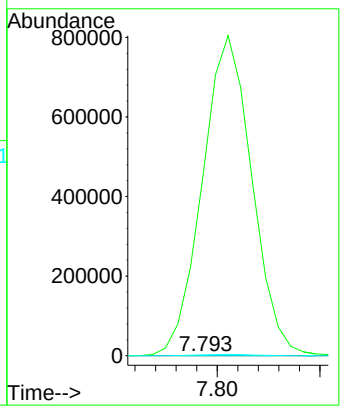


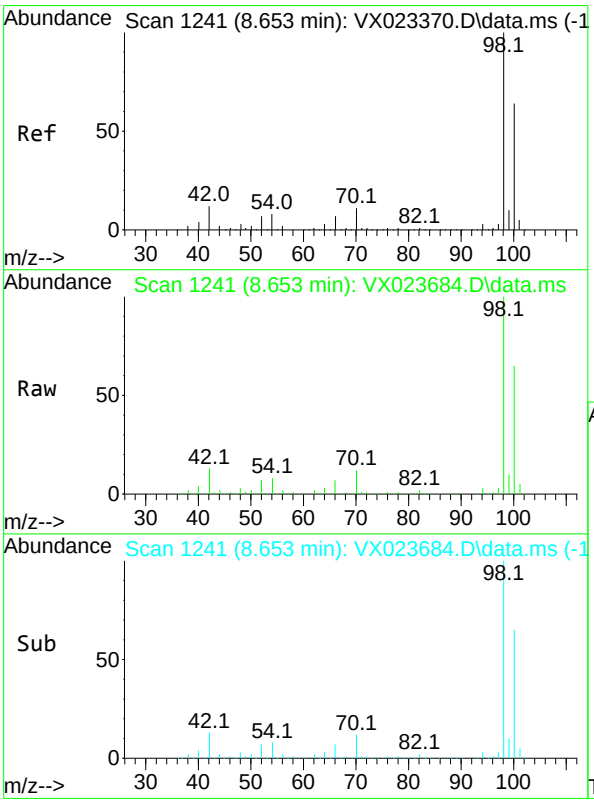
#49
1,4-Dioxane
Concen: 4.166 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.128 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 192

Ion	Ratio	Lower	Upper
88	100		
43	706007.8	23.2	34.8#
58	3090.6	55.0	82.4#

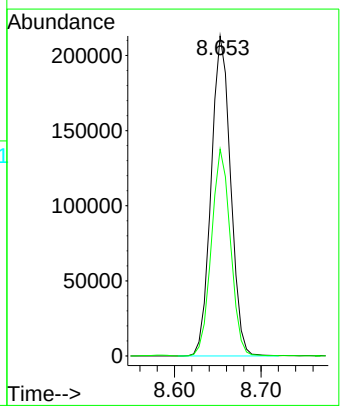




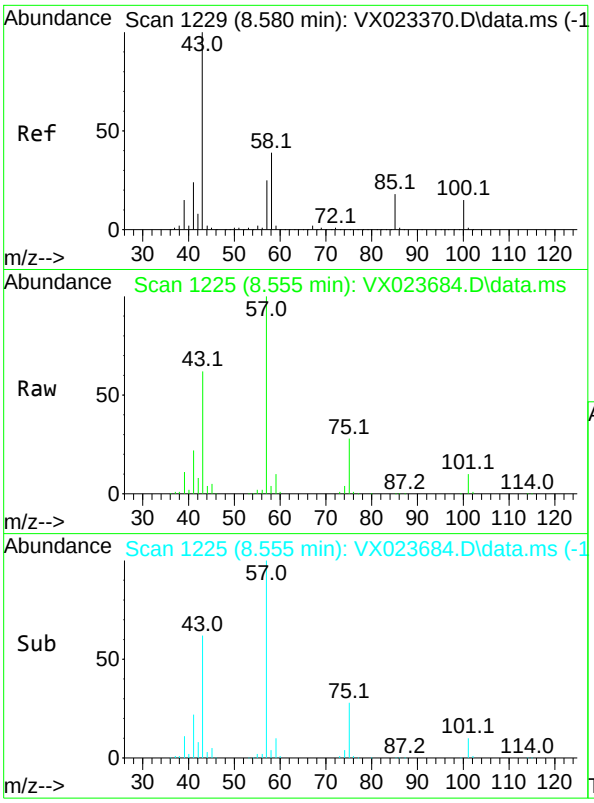
#50
Toluene-d8
Concen: 54.620 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 98 Resp: 331798

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9



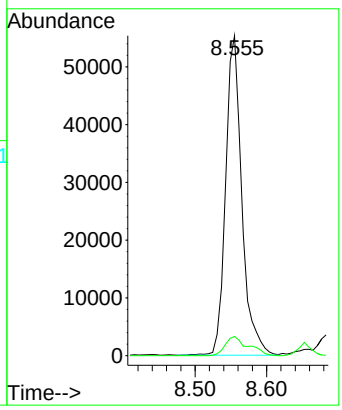
Instrument :
MSVOA_X
ClientSampleId :

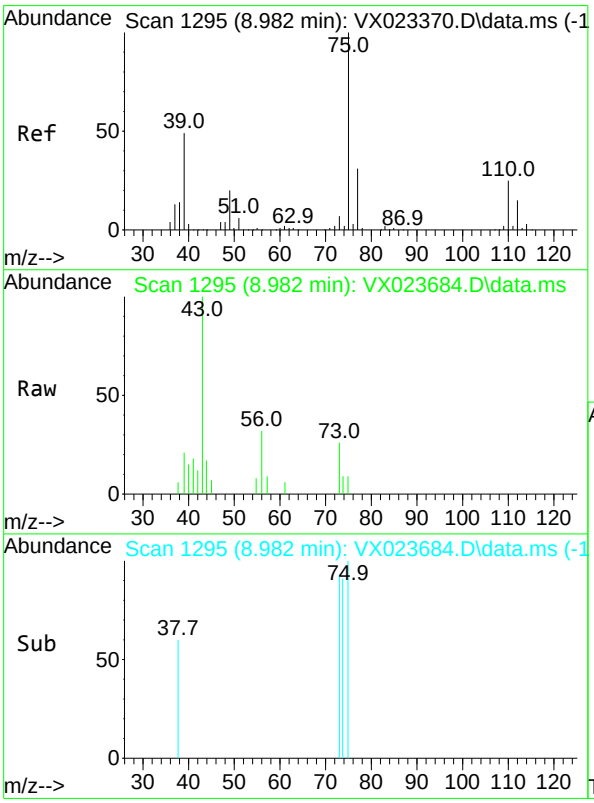


#51
4-Methyl-2-Pentanone
Concen: 30.466 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 43 Resp: 87092

Ion	Ratio	Lower	Upper
43	100		
58	8.5	35.4	53.0#

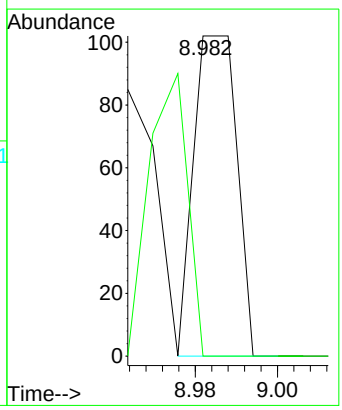


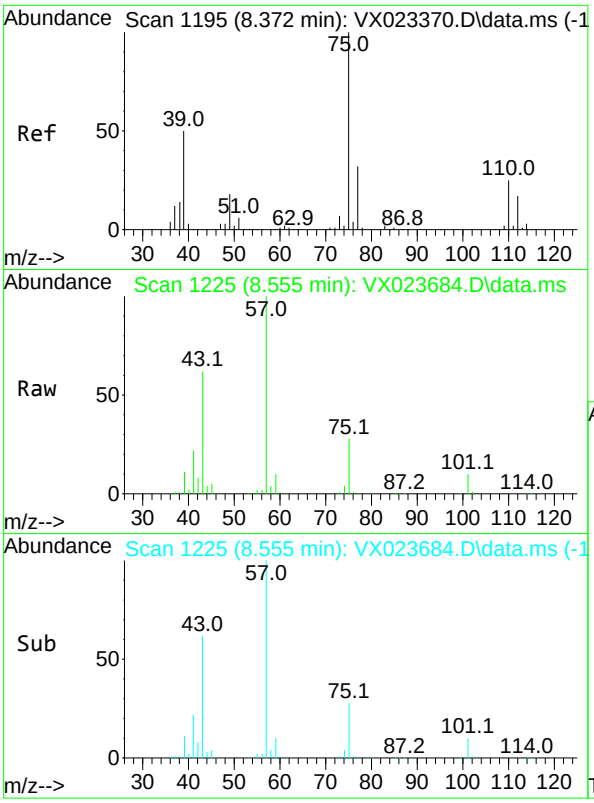


#53
t-1,3-Dichloropropene
Concen: 1.842 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 75 Resp: 75

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.9	37.3#

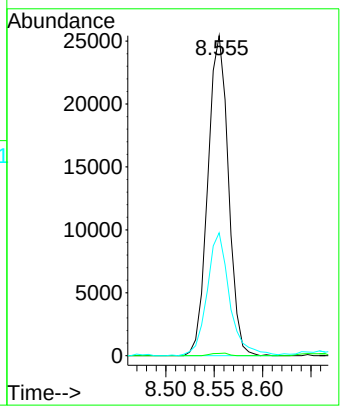




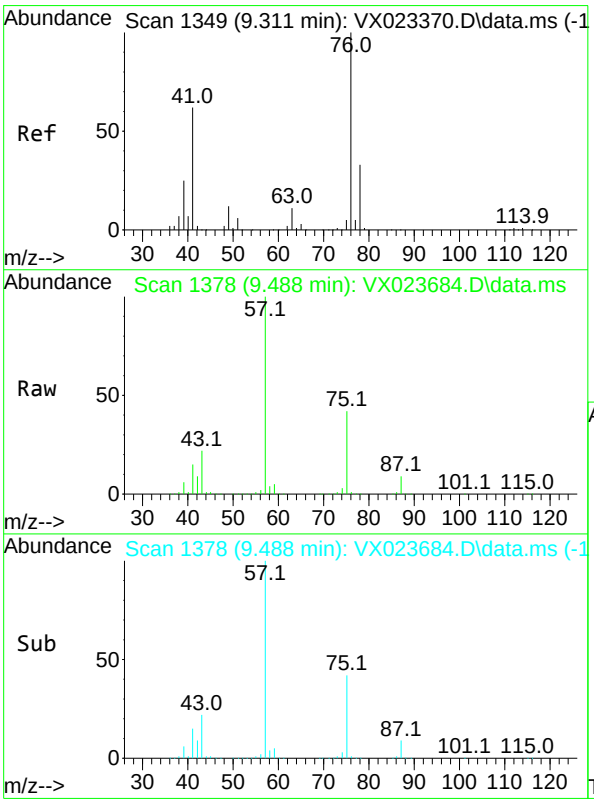
#54
cis-1,3-Dichloropropene
Concen: 13.125 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 75 Resp: 37527

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.7	38.5#
39	38.4	35.1	52.7



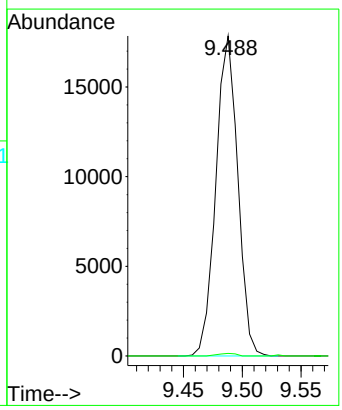
Instrument :
MSVOA_X
ClientSampleId :

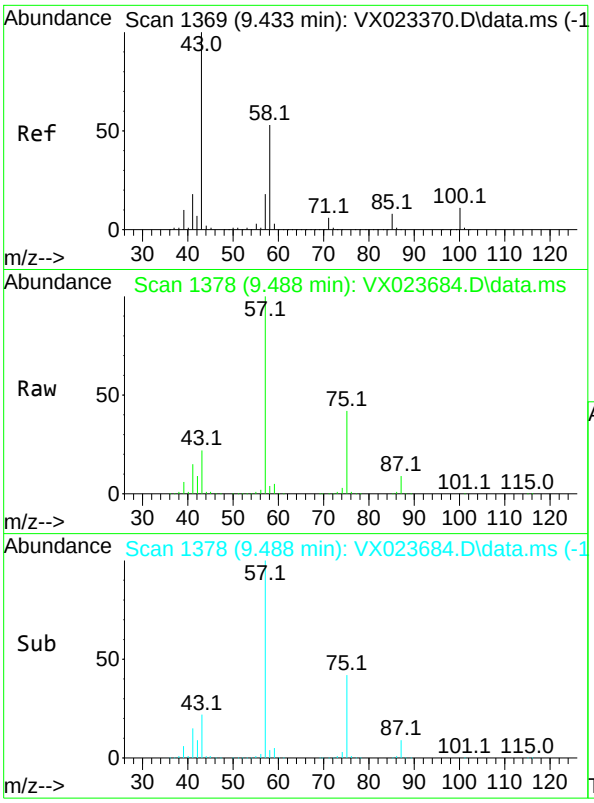


#57
1,3-Dichloropropane
Concen: 7.659 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 76 Resp: 23158

Ion	Ratio	Lower	Upper
76	100		
78	0.7	26.2	39.2#

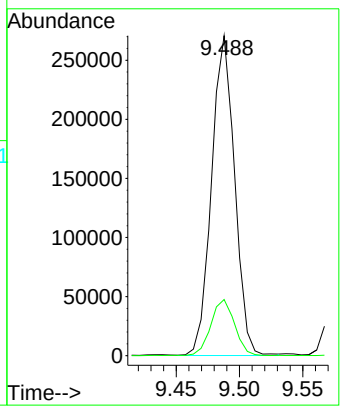




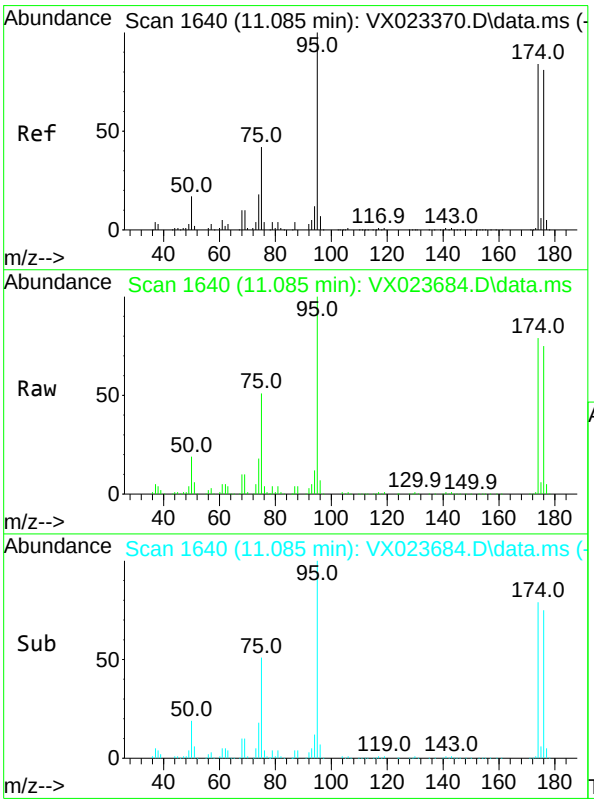
#59
2-Hexanone
Concen: 158.105 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 43 Resp: 343212

Ion	Ratio	Lower	Upper
43	100		
58	18.3	30.9	92.8#



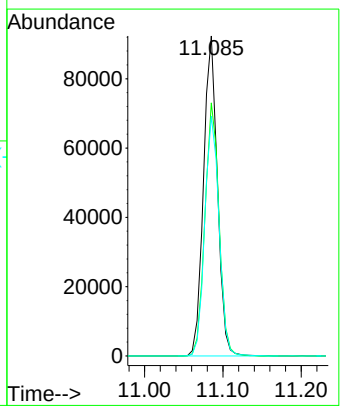
Instrument :
MSVOA_X
ClientSampleId :

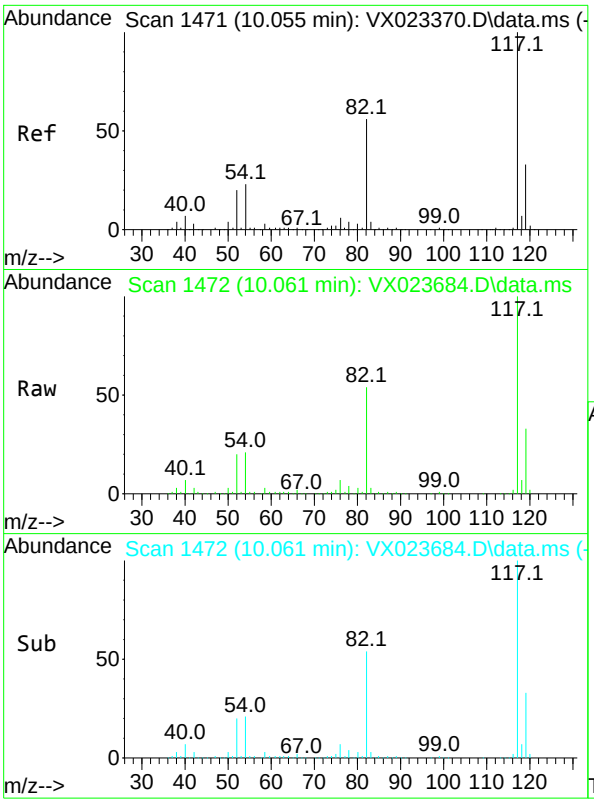


#62
4-Bromofluorobenzene
Concen: 54.961 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 95 Resp: 113529

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	154.6
176	77.2	0.0	155.8

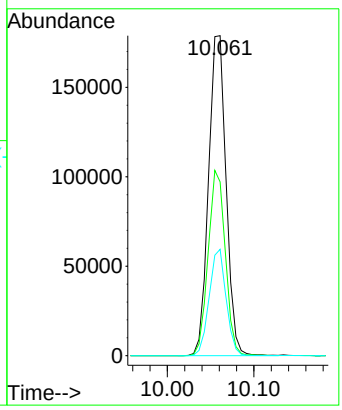




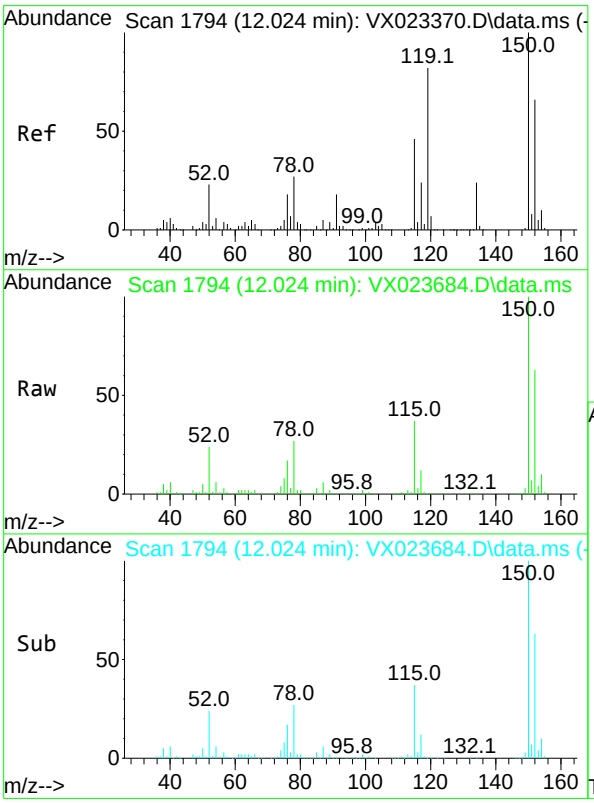
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion:117 Resp: 251914

Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.4	71.2
119	33.3	26.6	39.8



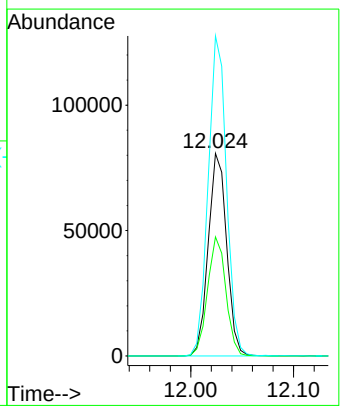
Instrument :
MSVOA_X
ClientSampleId :



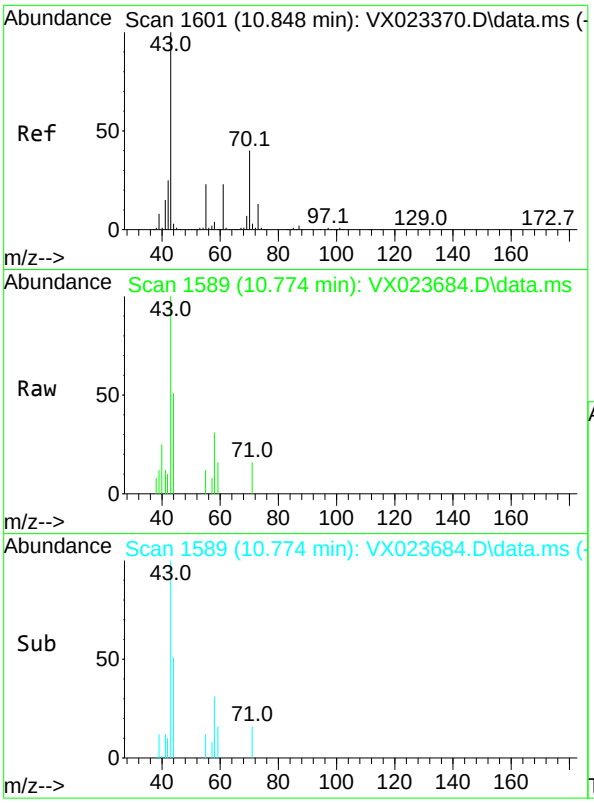
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion:152 Resp: 100492

Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.1	123.3
150	156.8	0.0	349.0



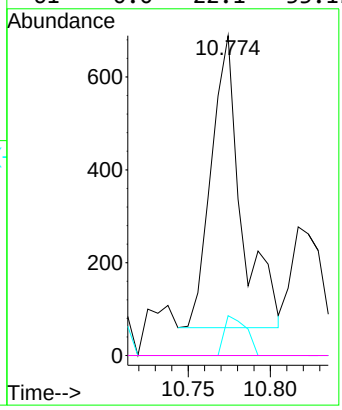
Instrument :
MSVOA_X
ClientSampleId :

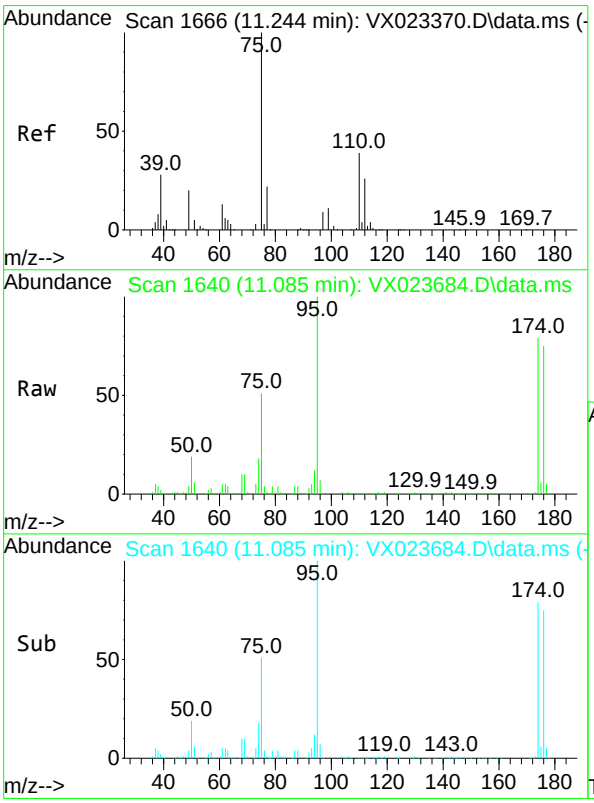


#74
N-amyl acetate
Concen: 0.230 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 43 Resp: 797

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	9.9	21.5	32.3#
61	0.0	22.1	33.1#

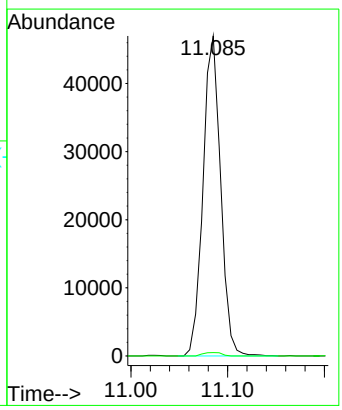




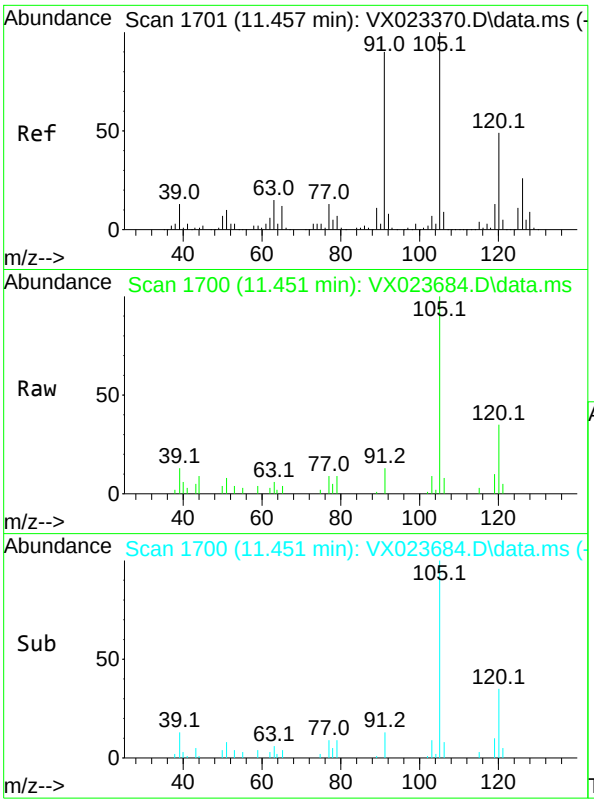
#76
1,2,3-Trichloropropane
Concen: 26.919 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 75 Resp: 59529

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.1	57.5#



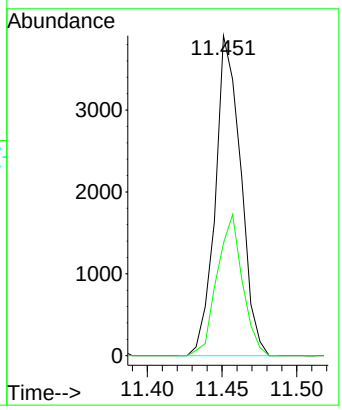
Instrument :
MSVOA_X
ClientSampleId :

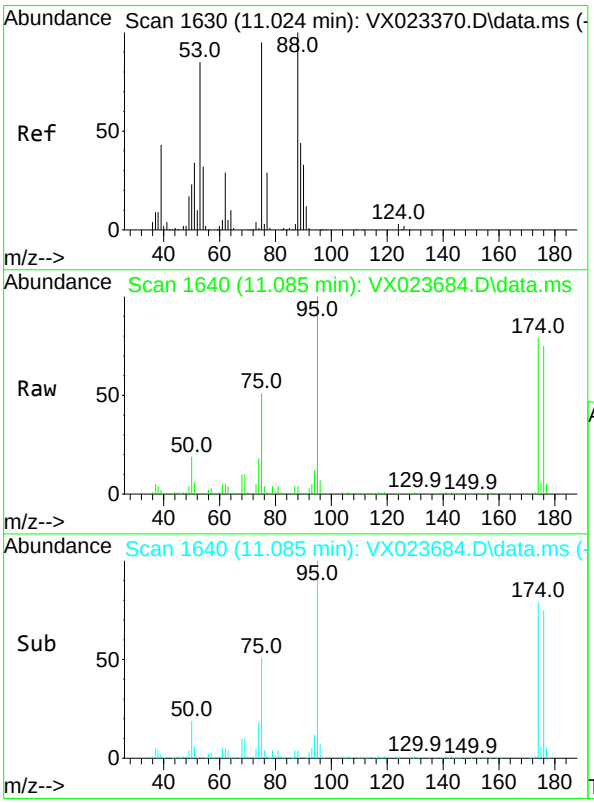


#80
1,3,5-Trimethylbenzene
Concen: 0.747 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion:105 Resp: 4616

Ion	Ratio	Lower	Upper
105	100		
120	44.1	23.8	71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 72.382 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023684.D
Acq: 13 Aug 2021 12:41

Tgt Ion: 75 Resp: 59529

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