Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026876.D
Acq On : 09 Feb 2022 18:06
Operator : JC/MD
Sample : N1438-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 10 01:08:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	129395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83192	53.560	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.120%			
35) Dibromofluoromethane	5.391	113	67812	52.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.740%			
50) Toluene-d8	8.653	98	251360	52.888	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.780%			
62) 4-Bromofluorobenzene	11.079	95	91140	54.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.940%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.380	62	52719	38.476	ug/l	98
5) Bromomethane	1.624	94	170	0.292	ug/l #	54
10) Methyl Iodide	2.471	142	106	2.309	ug/l #	59
11) Tert butyl alcohol	2.965	59	168	0.599	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	1629	1.230	ug/l	85
16) Acetone	2.386	43	1977	2.898	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	6628	4.756	ug/l	96
24) 1,1-Dichloroethane	3.611	63	627	0.245	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	1008886	630.569	ug/l	88
31) Cyclohexane	5.471	56	2731	1.107	ug/l #	85
36) 1,1-Dichloropropene	5.556	75	9643	4.721	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13120	6.125	ug/l #	17
39) Methylcyclohexane	7.385	83	1607	0.642	ug/l	96
40) Benzene	6.044	78	3219	0.541	ug/l	94
42) 1,2-Dichloroethane	6.105	62	836	0.399	ug/l #	75
44) Trichloroethene	7.129	130	5070	2.836	ug/l	96
55) 1,1,2-Trichloroethane	9.110	97	645	0.452	ug/l #	15
60) Dibromochloromethane	9.275	129	1902	1.296	ug/l #	11
64) Tetrachloroethene	9.275	164	2002	1.025	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	45457	25.343	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45457	77.254	ug/l #	3
90) Hexachloroethane	12.646	117	233	0.297	ug/l #	14

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
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Acq On : 09 Feb 2022 18:06
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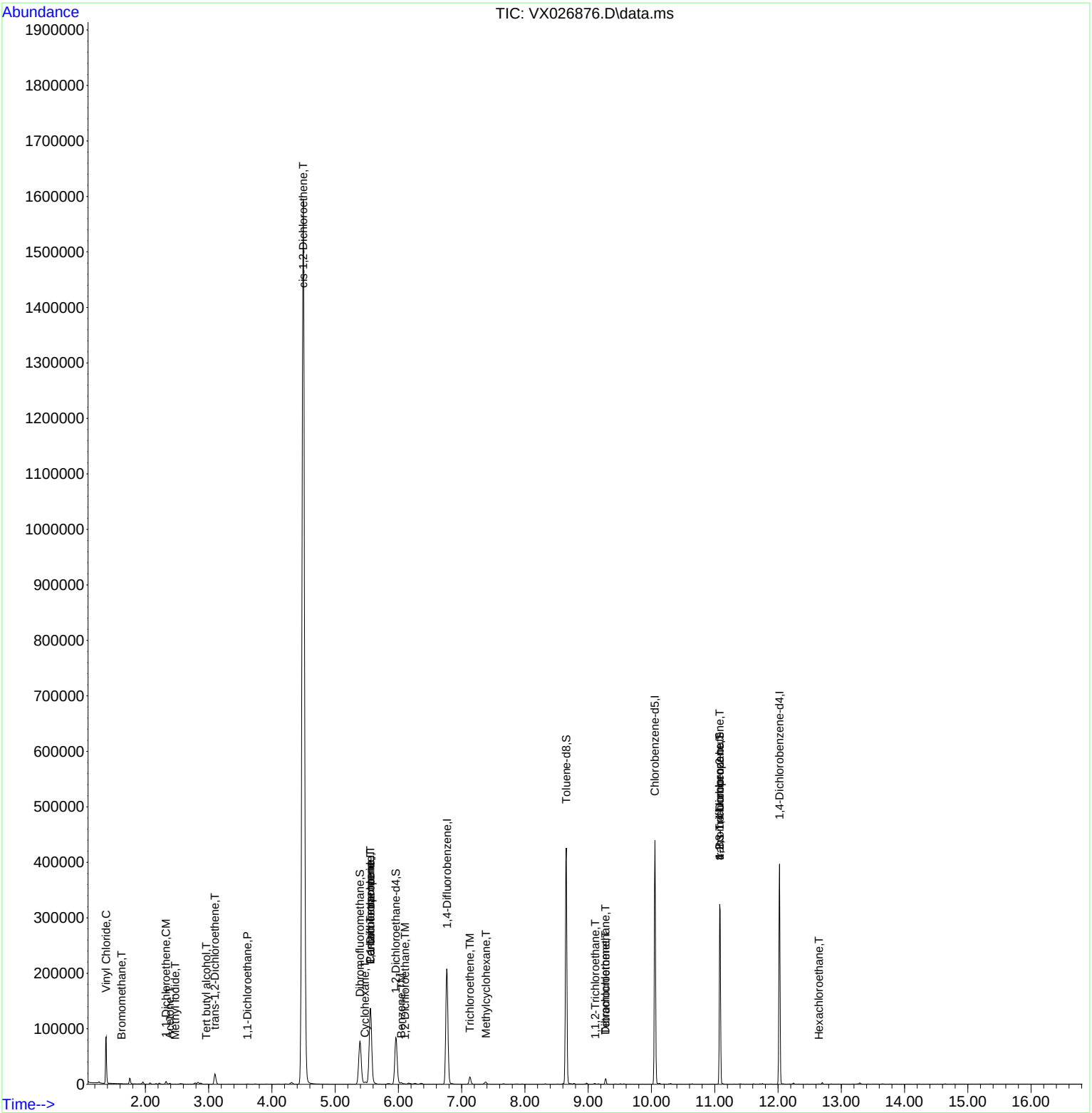
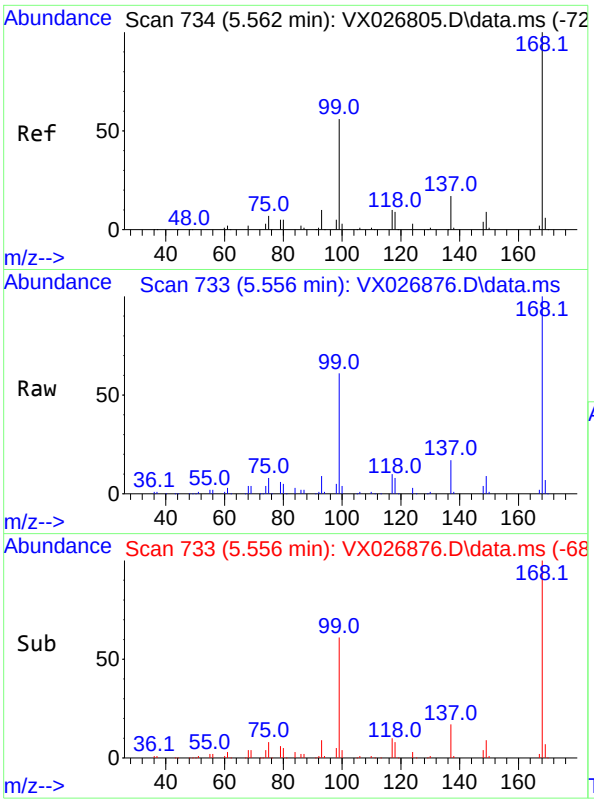
Sample : N1438-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 10 01:08:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



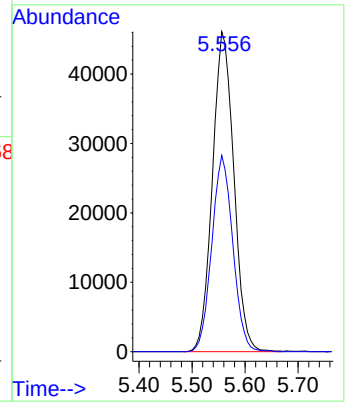


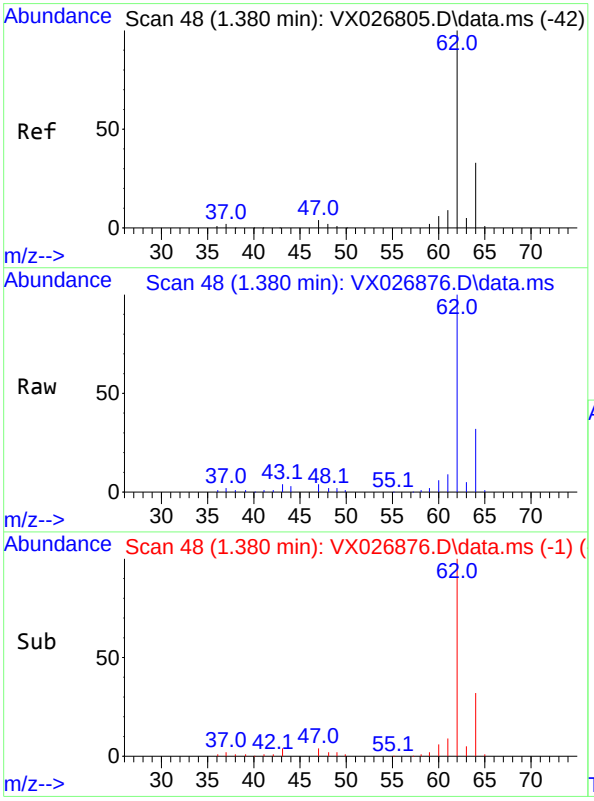
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 129395

Ion	Ratio	Lower	Upper
168	100		
99	61.3	50.3	75.5

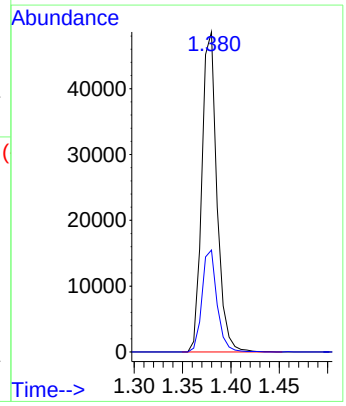


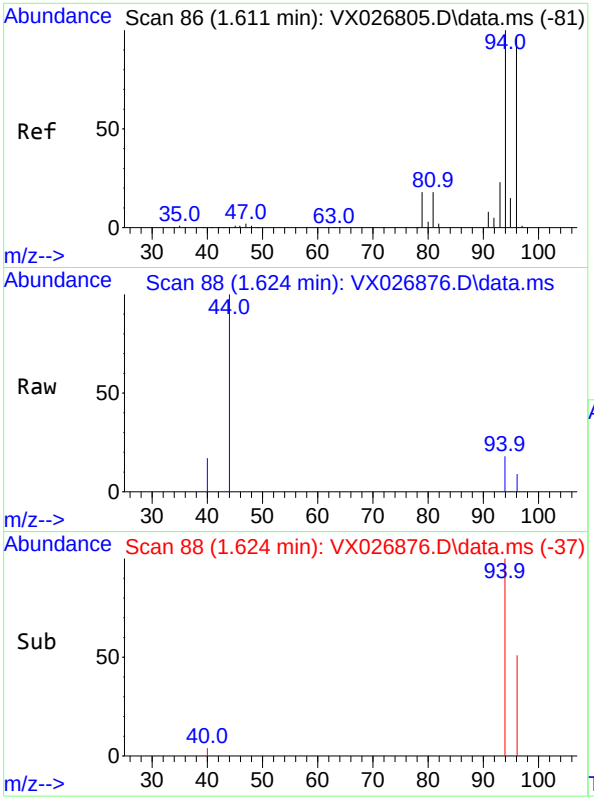


#4
Vinyl Chloride
Concen: 38.476 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 62 Resp: 52719

Ion	Ratio	Lower	Upper
62	100		
64	31.8	26.2	39.2



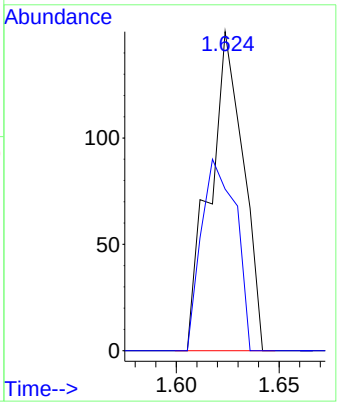


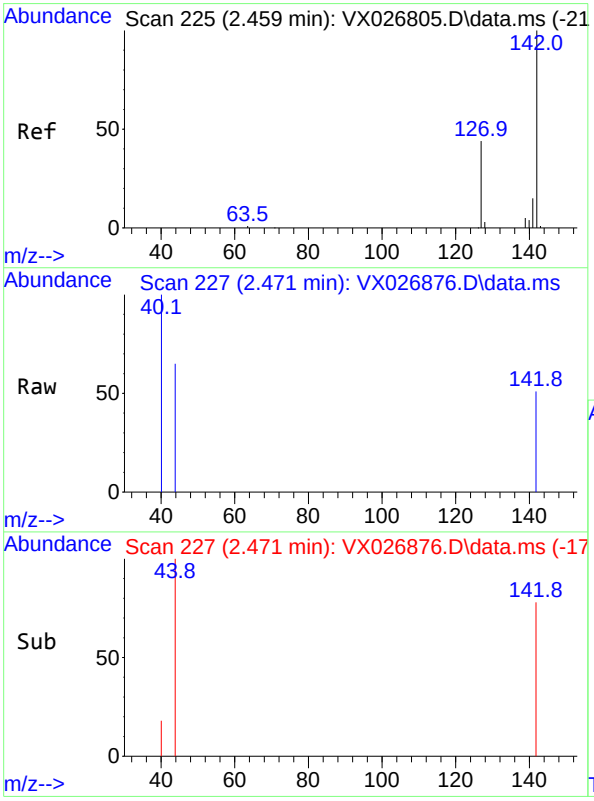
#5
Bromomethane
Concen: 0.292 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 170

Ion	Ratio	Lower	Upper
94	100		
96	50.7	75.9	113.9#

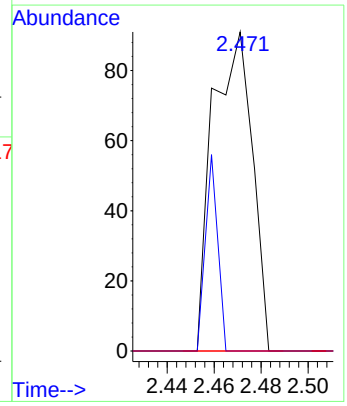


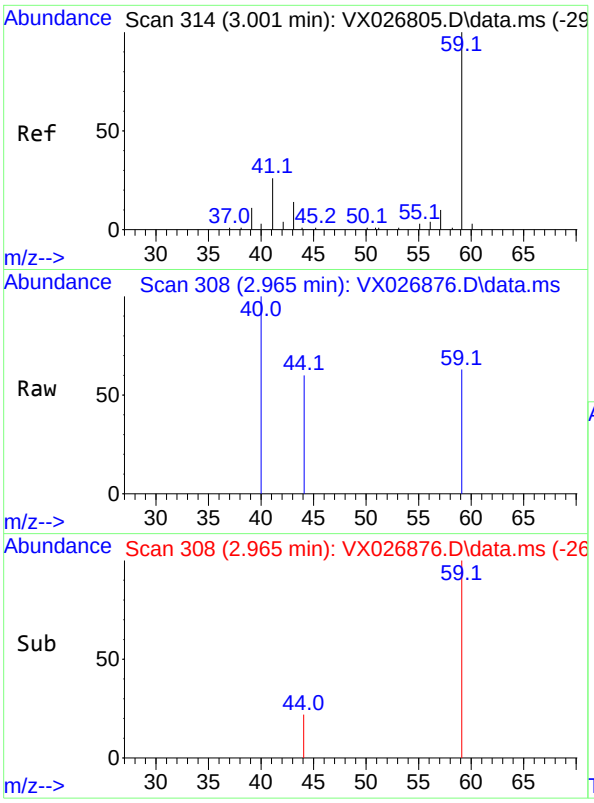


#10
Methyl Iodide
Concen: 2.309 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion:142 Resp: 106

Ion	Ratio	Lower	Upper
142	100		
127	18.9	38.1	57.1#
141	0.0	11.2	16.8#



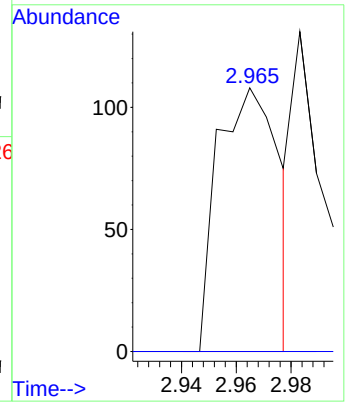


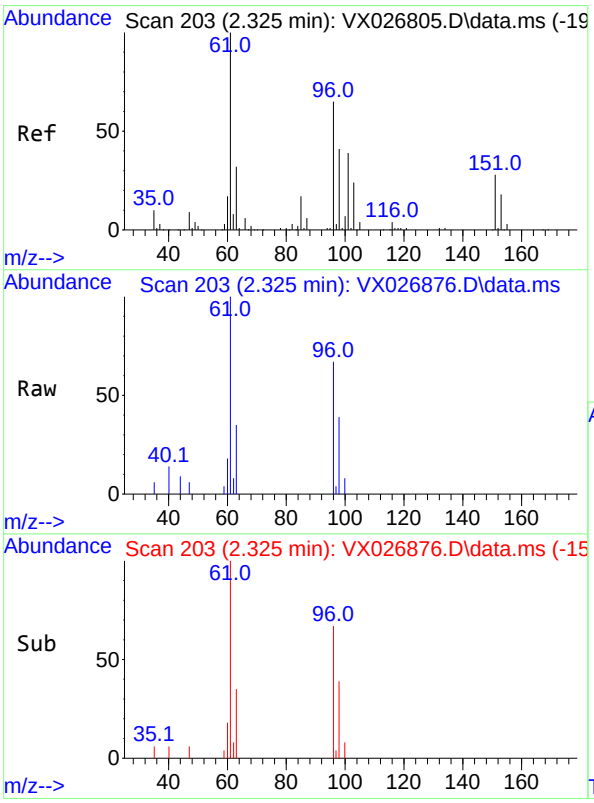
#11
Tert butyl alcohol
Concen: 0.599 ug/l
RT: 2.965 min Scan# 3
Delta R.T. -0.036 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 168

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.2	10.8#

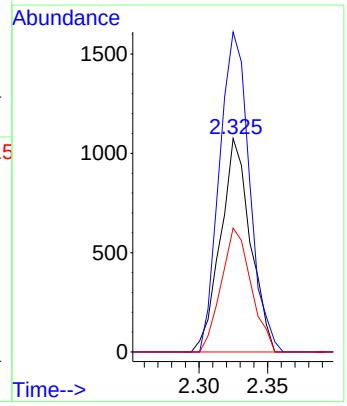


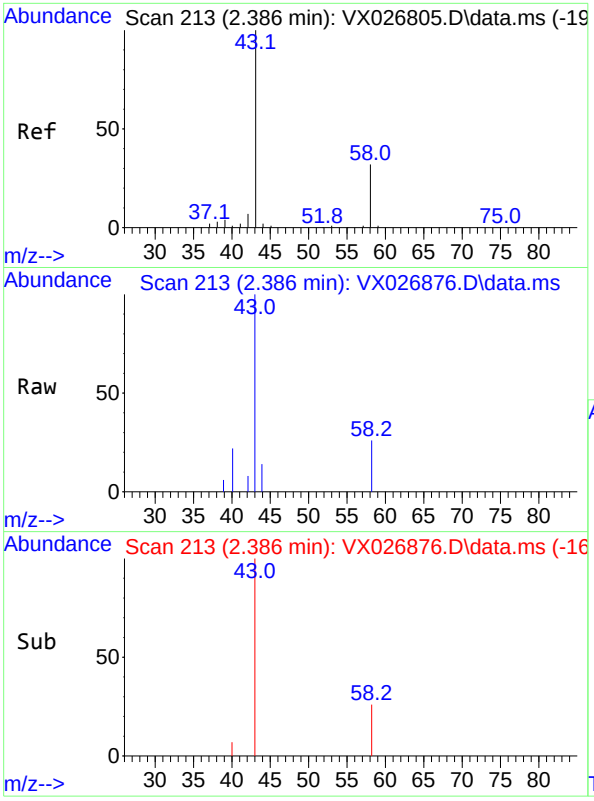


#12
1,1-Dichloroethene
Concen: 1.230 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 96 Resp: 1629

Ion	Ratio	Lower	Upper
96	100		
61	149.9	138.5	207.7
98	58.0	51.8	77.6



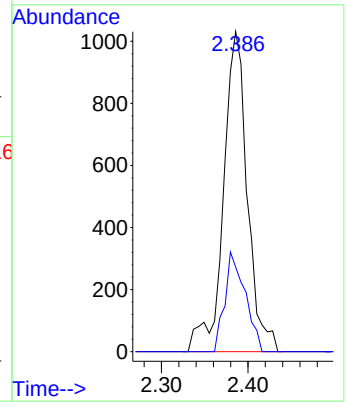


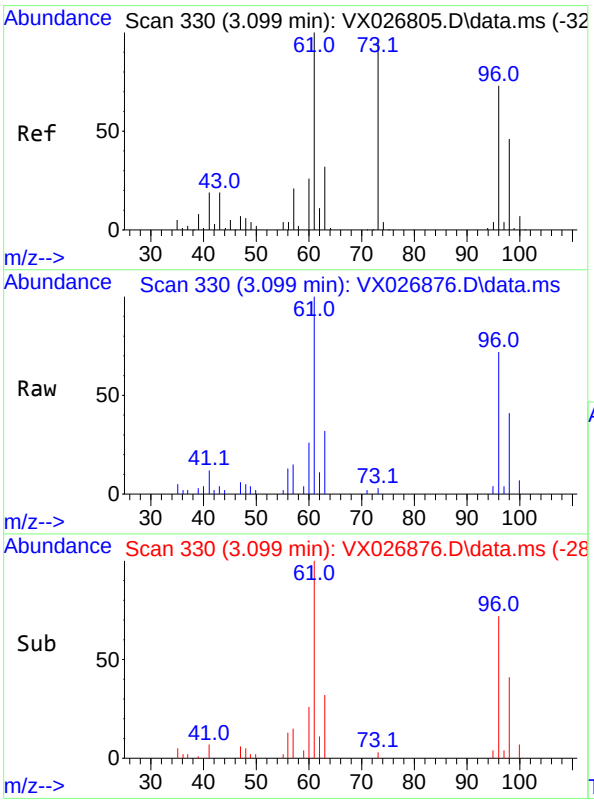
#16
Acetone
Concen: 2.898 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1977

Ion	Ratio	Lower	Upper
43	100		
58	26.4	23.0	34.6

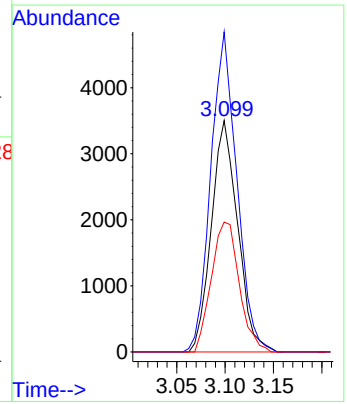


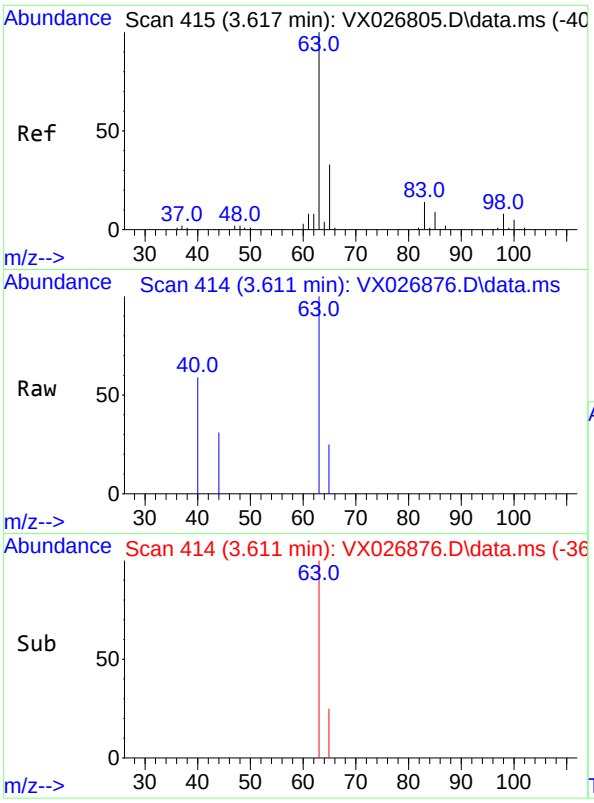


#21
trans-1,2-Dichloroethene
Concen: 4.756 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 96 Resp: 6628

Ion	Ratio	Lower	Upper
96	100		
61	138.3	112.9	169.3
98	56.2	49.5	74.3



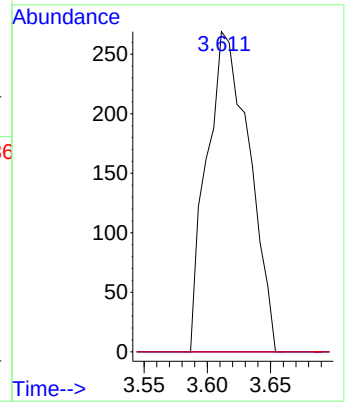


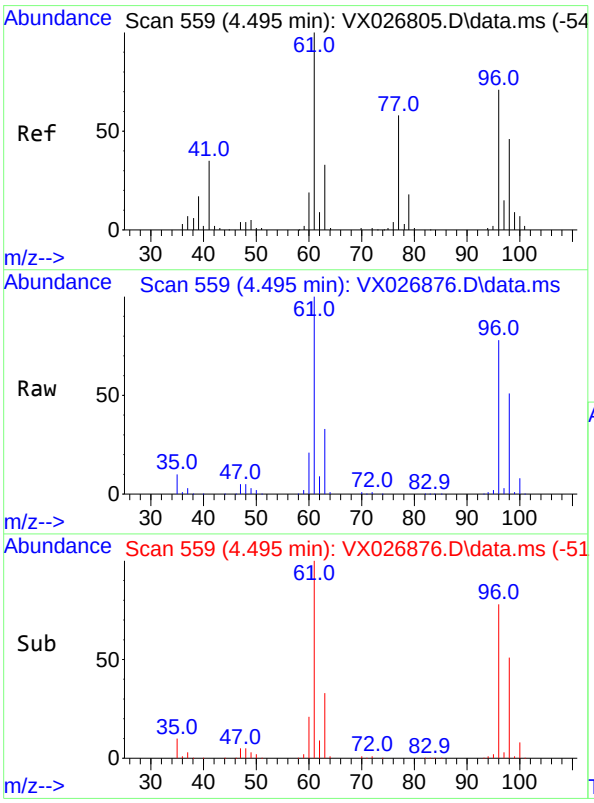
#24
1,1-Dichloroethane
Concen: 0.245 ug/l
RT: 3.611 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 627

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.7	11.1#
100	0.0	2.4	7.2#

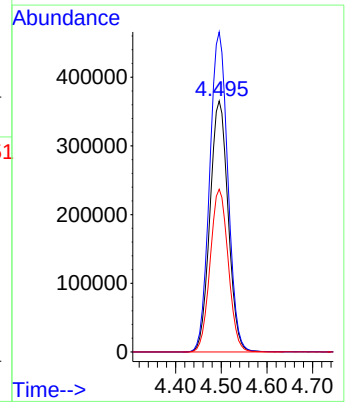


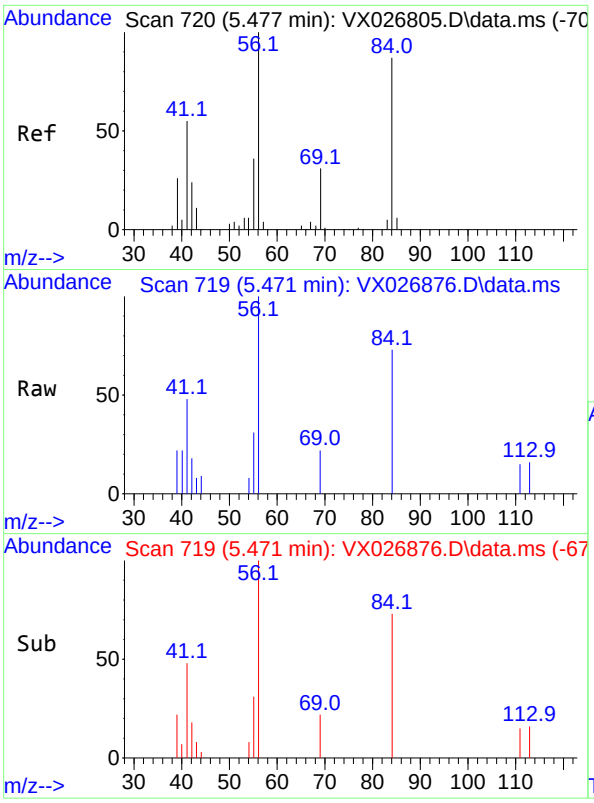


#27
cis-1,2-Dichloroethene
Concen: 630.569 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 96 Resp: 1008886

Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	296.6
98	64.6	0.0	128.8



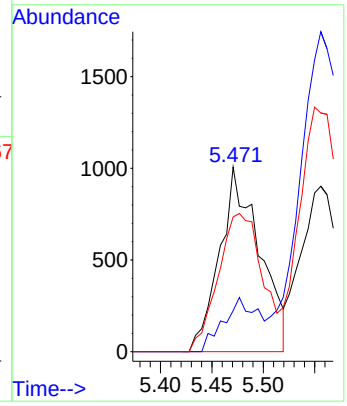


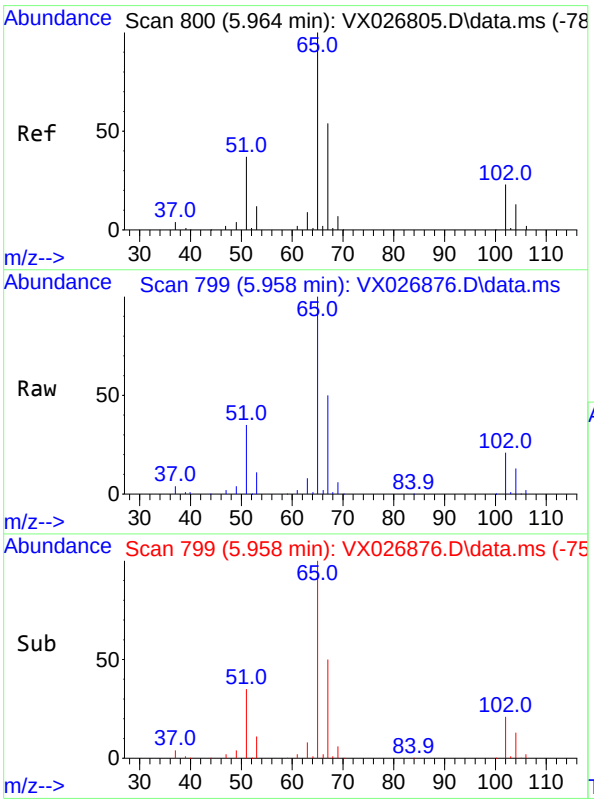
#31
Cyclohexane
Concen: 1.107 ug/l
RT: 5.471 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 2731

Ion	Ratio	Lower	Upper
56	100		
69	22.2	25.8	38.6#
84	73.0	68.9	103.3

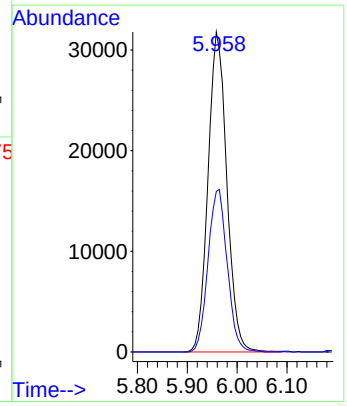


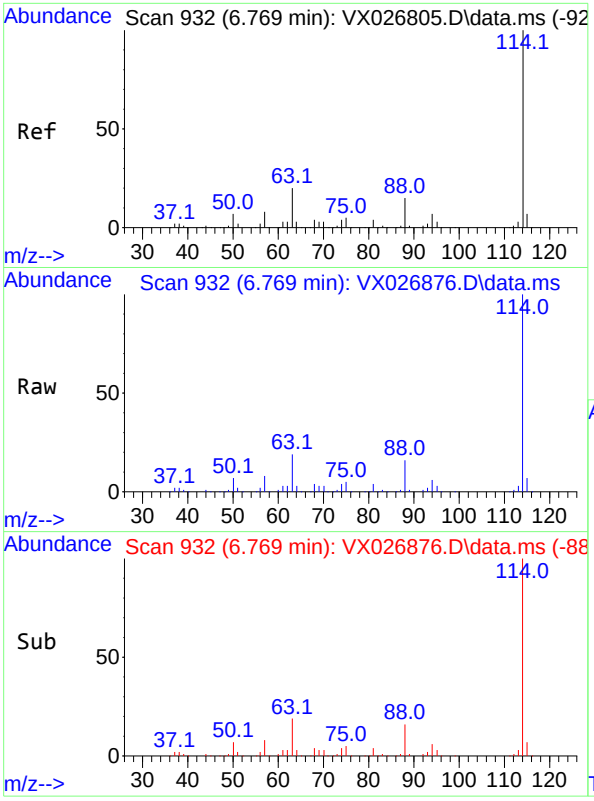


#33
1,2-Dichloroethane-d4
Concen: 53.560 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 65 Resp: 83192

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.8



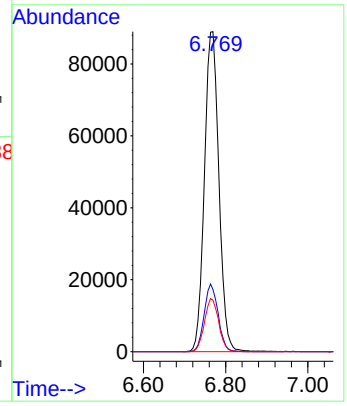


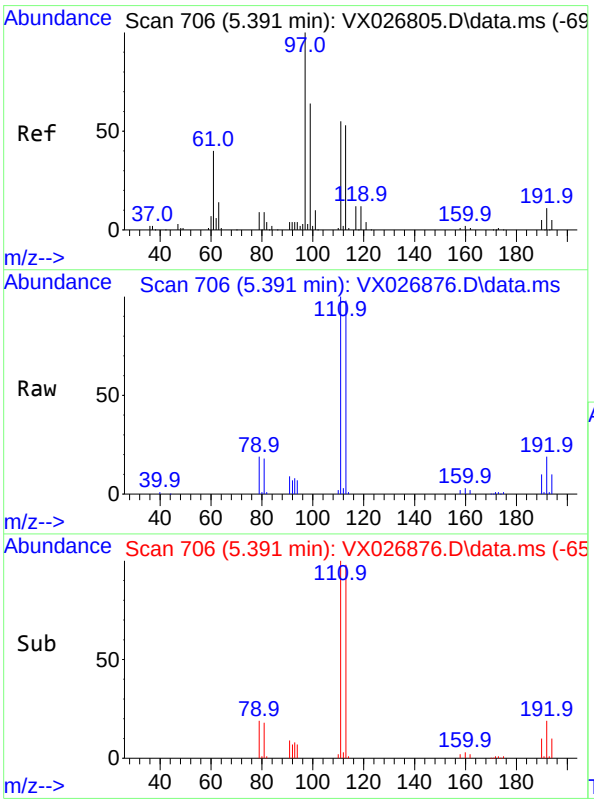
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 217323

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.8
88	16.1	0.0	33.0

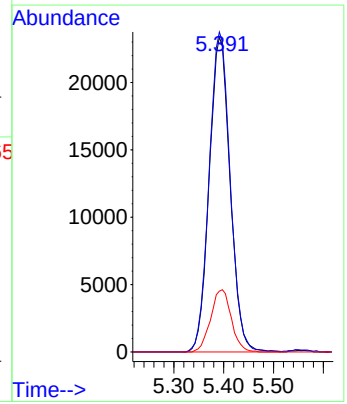


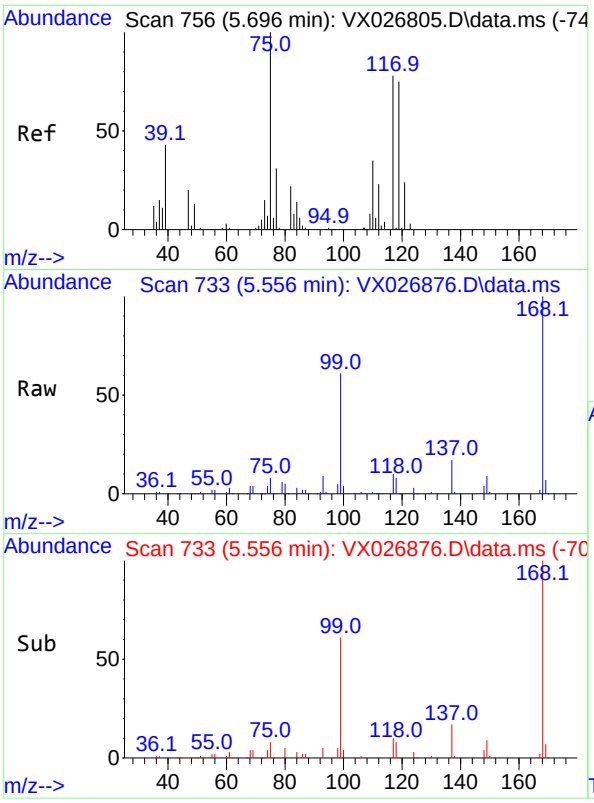


#35
Dibromofluoromethane
Concen: 52.374 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion:113 Resp: 67812

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.2	121.8
192	19.6	15.0	22.4



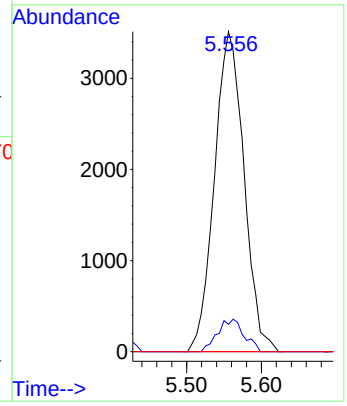


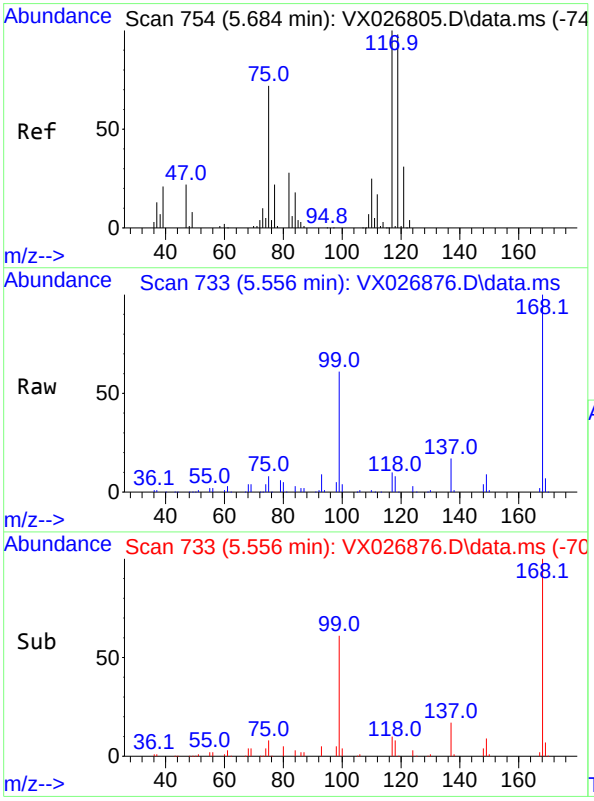
#36
1,1-Dichloropropene
Concen: 4.721 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 9643

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.2	51.6#
77	0.0	24.6	36.8#

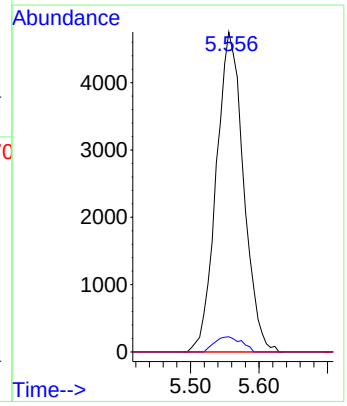


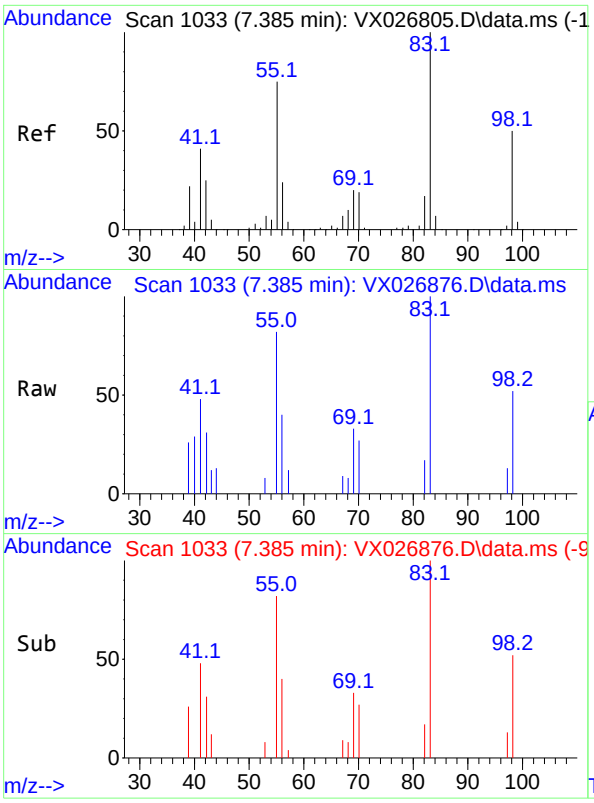


#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion:117 Resp: 13120

Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.7	112.1#
121	0.0	25.4	38.0#



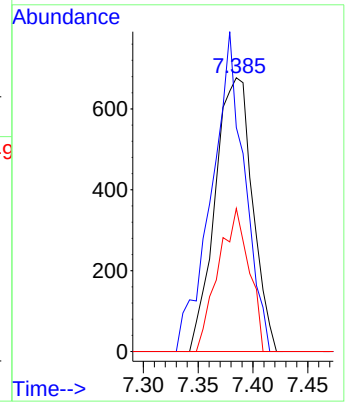


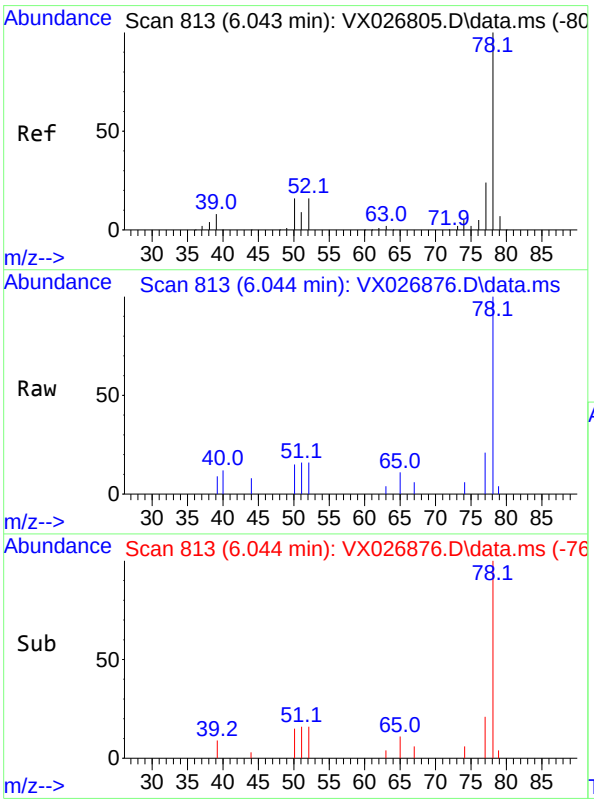
#39
Methylcyclohexane
Concen: 0.642 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 1607

Ion	Ratio	Lower	Upper
83	100		
55	81.8	63.6	95.4
98	52.3	38.4	57.6

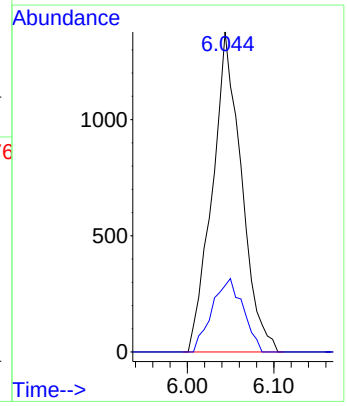


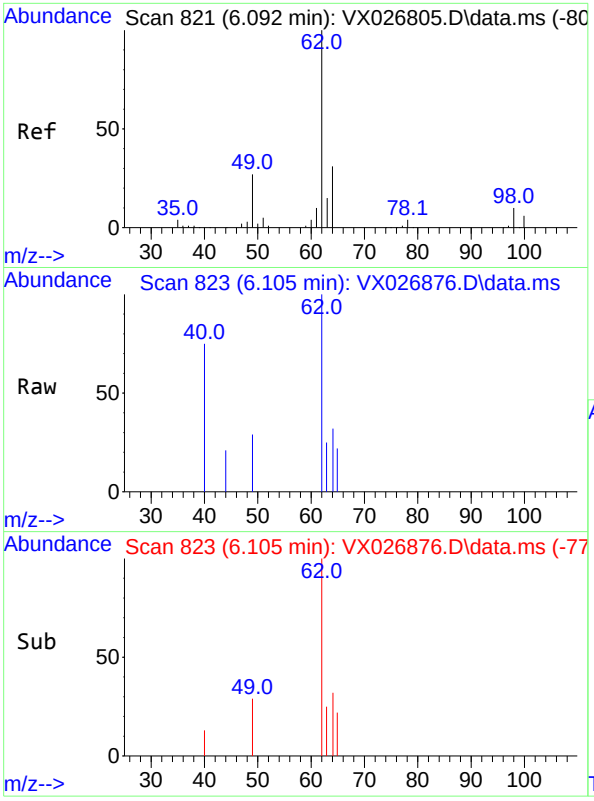


#40
Benzene
Concen: 0.541 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 78 Resp: 3219

Ion	Ratio	Lower	Upper
78	100		
77	20.8	18.9	28.3



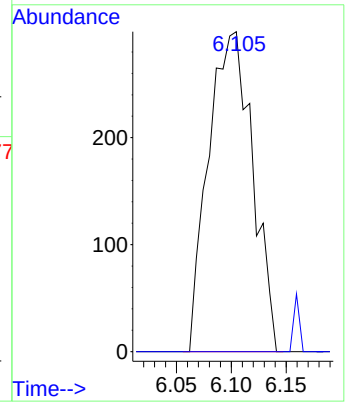


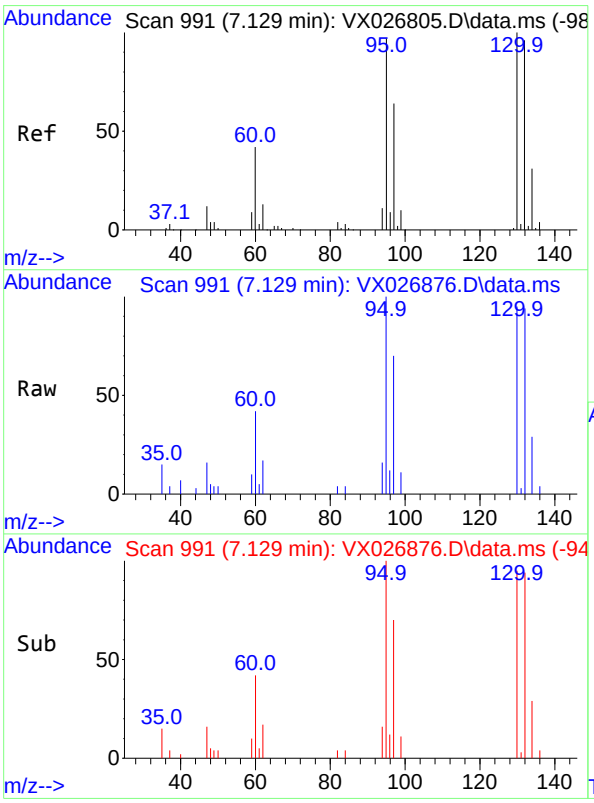
#42
1,2-Dichloroethane
Concen: 0.399 ug/l
RT: 6.105 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 836

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8

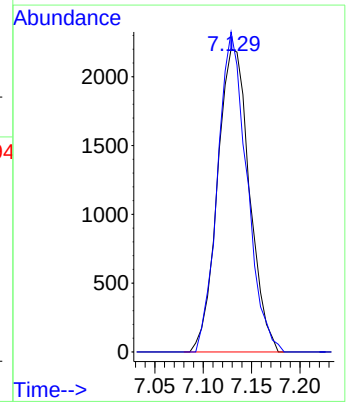


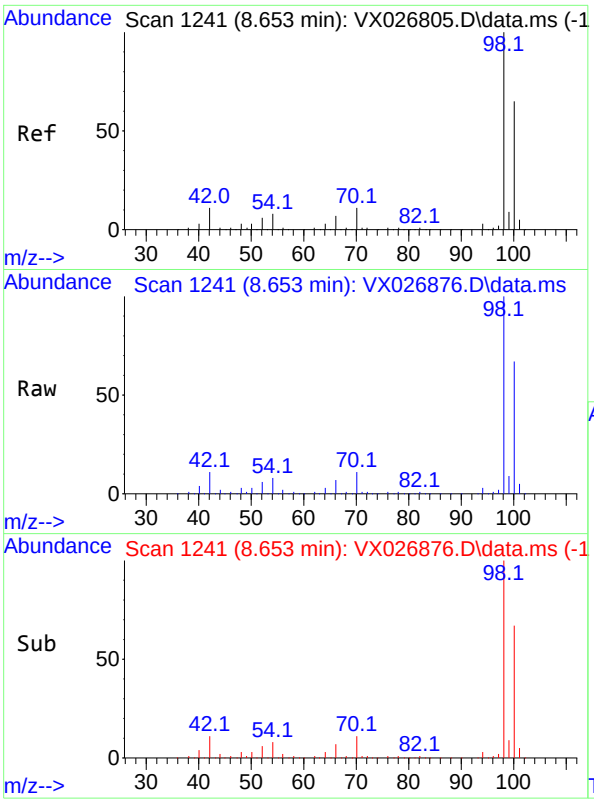


#44
Trichloroethene
Concen: 2.836 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion:130 Resp: 5070

Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	202.6



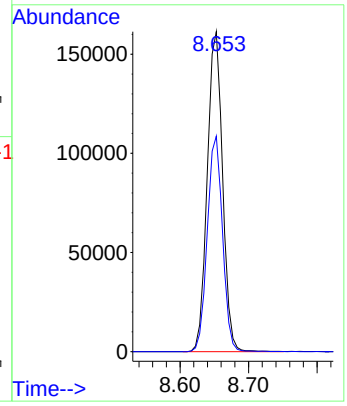


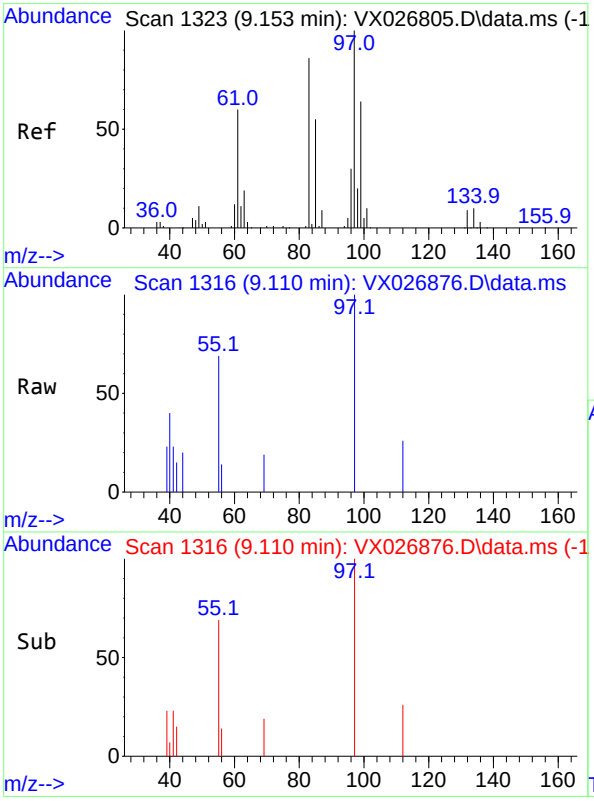
#50
Toluene-d8
Concen: 52.888 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 251360

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.2	79.8

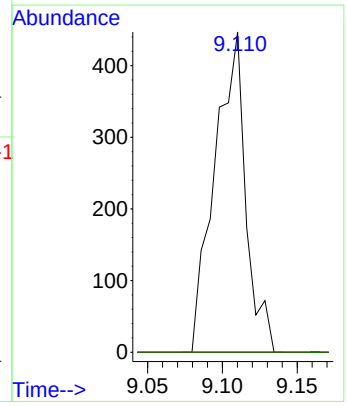


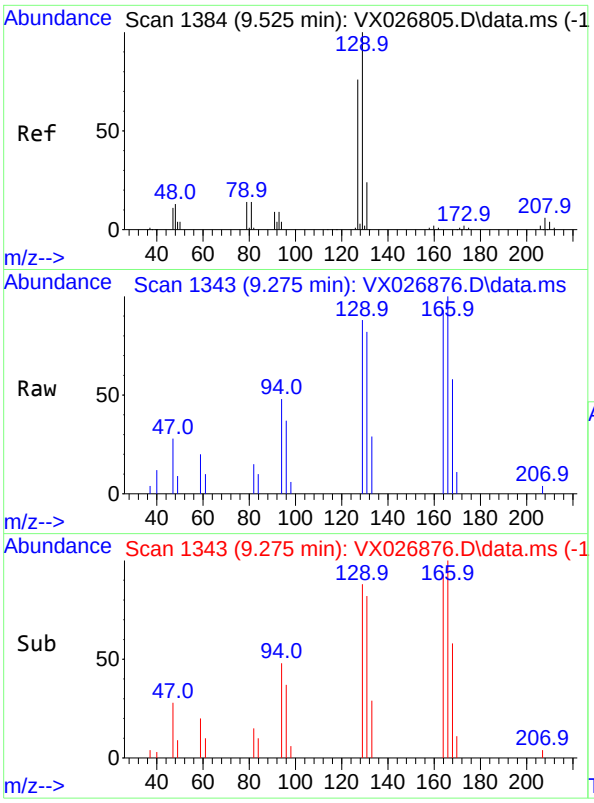


#55
1,1,2-Trichloroethane
Concen: 0.452 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.043 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 97 Resp: 645

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.4	102.6#
85	0.0	44.0	66.0#
99	0.0	49.8	74.6#



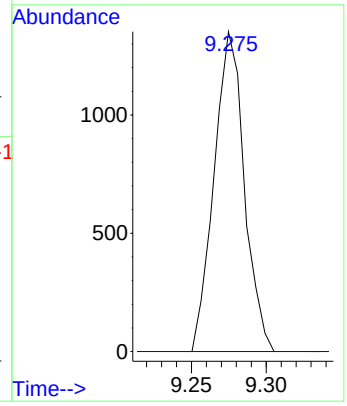


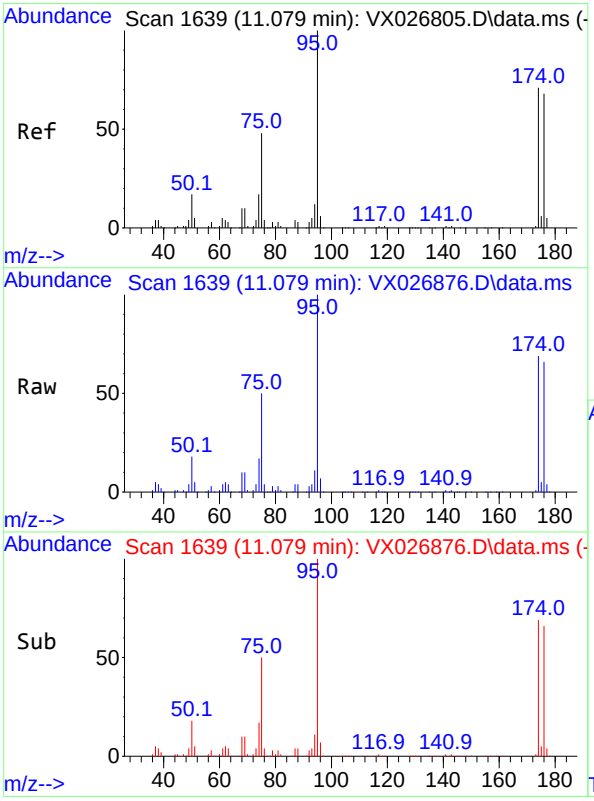
#60
Dibromochloromethane
Concen: 1.296 ug/l
RT: 9.275 min Scan# 1
Delta R.T. -0.250 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 1902

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#

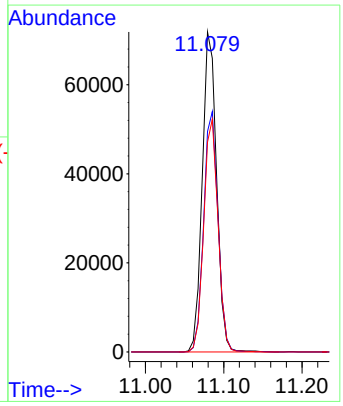


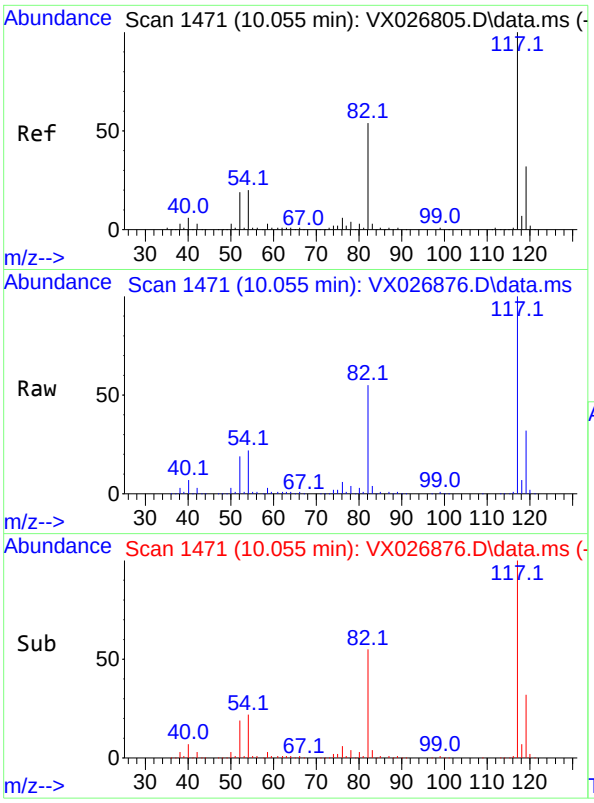


#62
4-Bromofluorobenzene
Concen: 54.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 95 Resp: 91140

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	148.6
176	72.6	0.0	141.4



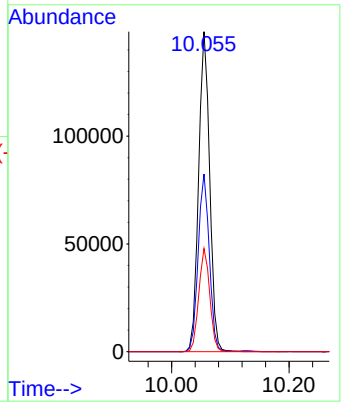


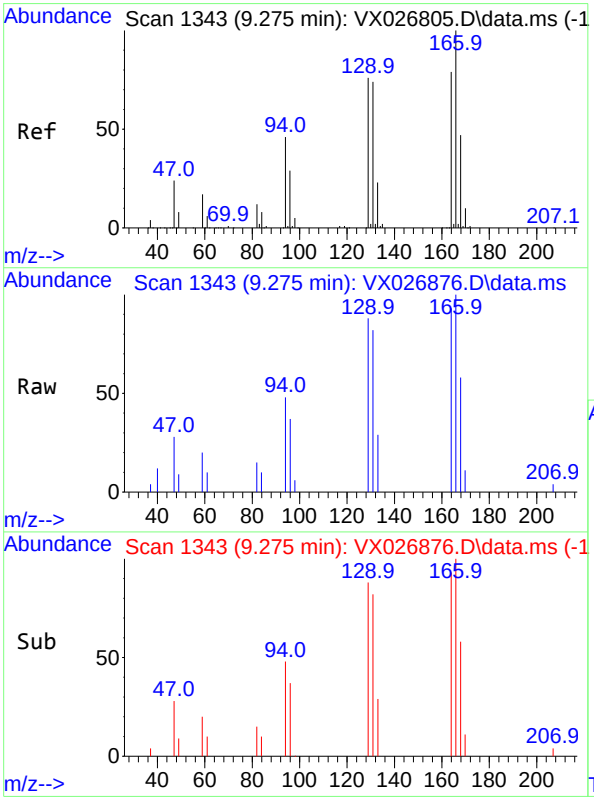
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 194431

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.2	67.8
119	32.3	26.2	39.2

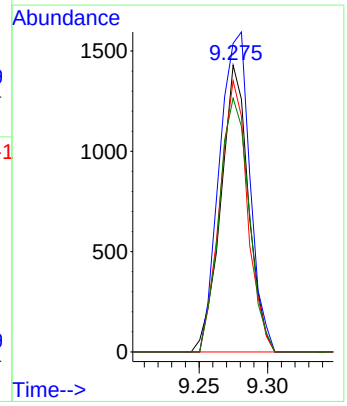


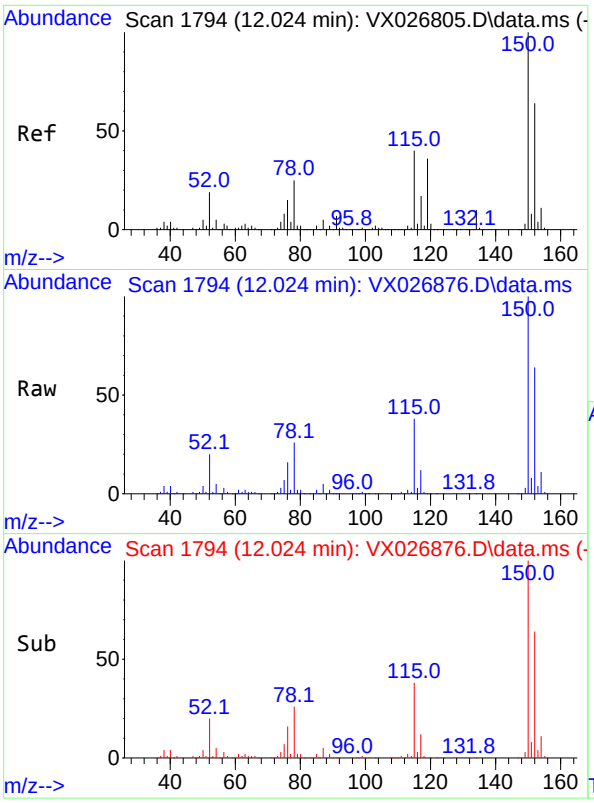


#64
Tetrachloroethene
Concen: 1.025 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion:164 Resp: 2002

Ion	Ratio	Lower	Upper
164	100		
166	107.6	101.8	152.6
129	94.6	83.3	124.9
131	88.5	78.0	117.0



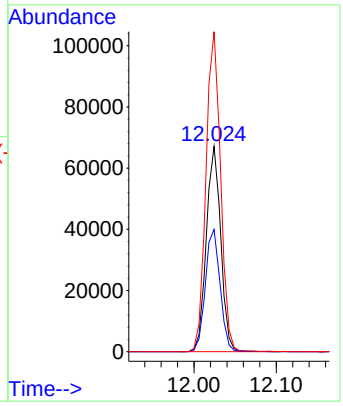


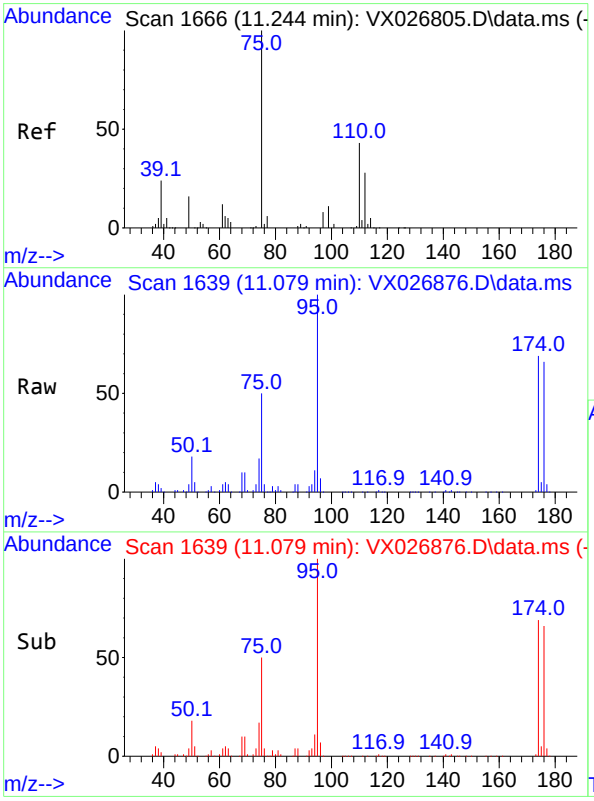
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 81940

Ion	Ratio	Lower	Upper
152	100		
115	60.6	44.2	132.6
150	157.5	0.0	348.2

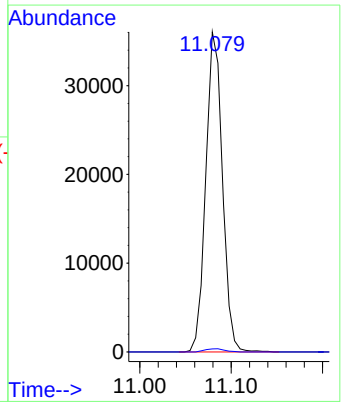


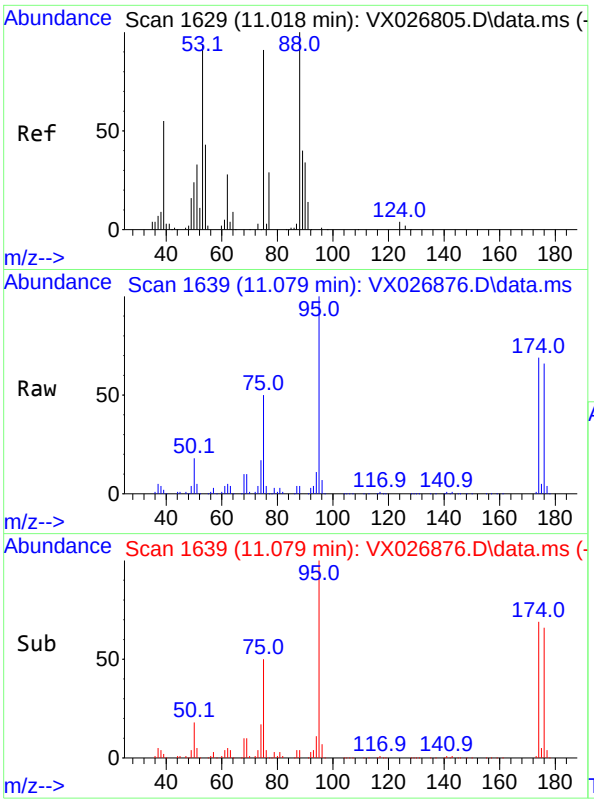


#76
1,2,3-Trichloropropane
Concen: 25.343 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 75 Resp: 45457

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.3	54.8#



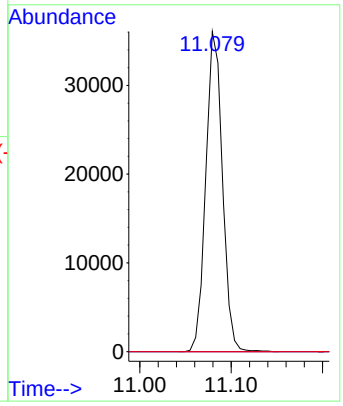


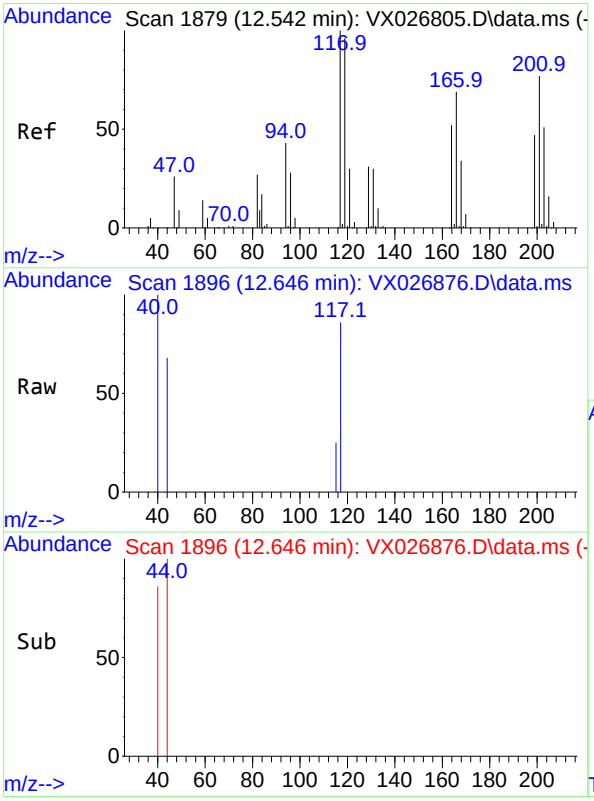
#81
trans-1,4-Dichloro-2-butene
Concen: 77.254 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :

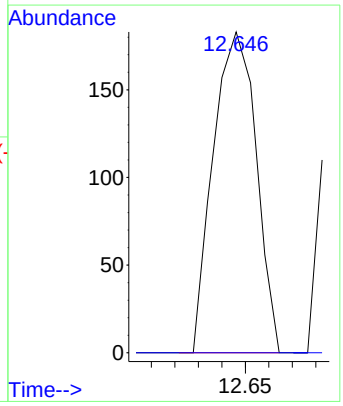
Tgt Ion: 75 Resp: 45457

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.0	141.0#
89	0.0	37.0	55.4#





#90
Hexachloroethane
Concen: 0.297 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion:117 Resp: 233

Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.6	106.8#