Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
Data File : VY015878.D
Acq On : 09 Oct 2023 13:36
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 10 05:37:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 05:24:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	185845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9176	5.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 10.980%#			
35) Dibromofluoromethane	7.722	113	9072	5.175	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 10.360%#			
50) Toluene-d8	10.185	98	29016	5.023	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 10.040%#			
62) 4-Bromofluorobenzene	12.483	95	13003	5.542	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 11.080%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	3552	4.778	ug/l	93
3) Chloromethane	2.119	50	3324	4.372	ug/l	100
4) Vinyl Chloride	2.253	62	4144	4.273	ug/l	99
5) Bromomethane	2.656	94	3979	5.004	ug/l	100
6) Chloroethane	2.796	64	3360	4.412	ug/l	96
7) Trichlorofluoromethane	3.131	101	9126	4.435	ug/l	87
8) Diethyl Ether	3.534	74	3885	4.463	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	6149	4.403	ug/l	99
10) Methyl Iodide	4.101	142	4625	5.418	ug/l	96
11) Tert butyl alcohol	4.948	59	10907	33.909	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	4439	4.133	ug/l #	81
13) Acrolein	3.741	56	2763	27.034	ug/l	100
14) Allyl chloride	4.485	41	8633	4.359	ug/l	90
15) Acrylonitrile	5.180	53	14204	23.728	ug/l	97
16) Acetone	3.954	43	18712	28.139	ug/l #	86
17) Carbon Disulfide	4.198	76	4571	5.419	ug/l #	85
18) Methyl Acetate	4.491	43	10530	4.645	ug/l	92
19) Methyl tert-butyl Ether	5.229	73	22026	4.525	ug/l	96
20) Methylene Chloride	4.722	84	20627	2.985	ug/l	89
21) trans-1,2-Dichloroethene	5.229	96	5374	4.312	ug/l	84
22) Diisopropyl ether	6.131	45	23201	4.380	ug/l #	95
23) Vinyl Acetate	6.070	43	64389	22.105	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	13355	4.577	ug/l	99
25) 2-Butanone	6.996	43	23452	25.566	ug/l	95
26) 2,2-Dichloropropane	6.990	77	13541	4.990	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	8078	4.391	ug/l	99
28) Bromochloromethane	7.338	49	9166	5.450	ug/l	91
29) Tetrahydrofuran	7.356	42	11822	23.558	ug/l	94
30) Chloroform	7.509	83	15050	4.624	ug/l	97
31) Cyclohexane	7.795	56	10141	5.662	ug/l #	47
32) 1,1,1-Trichloroethane	7.710	97	11781	4.432	ug/l	98
36) 1,1-Dichloropropene	7.923	75	8291	4.271	ug/l	99
37) Ethyl Acetate	7.082	43	7338	4.401	ug/l #	92
38) Carbon Tetrachloride	7.905	117	10373	4.449	ug/l	97
39) Methylcyclohexane	9.185	83	8051	4.083	ug/l	99
40) Benzene	8.167	78	26413	4.329	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
Data File : VY015878.D
Acq On : 09 Oct 2023 13:36
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 10 05:37:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 05:24:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.320	41	4190	4.043 ug/l #	90
42) 1,2-Dichloroethane	8.240	62	9336	4.489 ug/l	93
43) Isopropyl Acetate	8.277	43	13758	4.458 ug/l	96
44) Trichloroethene	8.941	130	7606	4.308 ug/l	99
45) 1,2-Dichloropropane	9.216	63	8189	4.462 ug/l #	83
46) Dibromomethane	9.313	93	4855	4.446 ug/l	96
47) Bromodichloromethane	9.502	83	12094	4.453 ug/l	91
48) Methyl methacrylate	9.301	41	5994	4.398 ug/l	91
49) 1,4-Dioxane	9.301	88	1657	87.287 ug/l #	47
51) 4-Methyl-2-Pentanone	10.075	43	42659	23.103 ug/l	92
52) Toluene	10.252	92	17711	4.373 ug/l	94
53) t-1,3-Dichloropropene	10.471	75	11837	4.311 ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	13055	4.377 ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	8084	4.649 ug/l	97
56) Ethyl methacrylate	10.514	69	9906	4.196 ug/l #	83
57) 1,3-Dichloropropane	10.795	76	12860	4.587 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	33416	23.224 ug/l	98
59) 2-Hexanone	10.837	43	32375	23.175 ug/l	89
60) Dibromochloromethane	10.990	129	9606	4.608 ug/l	94
61) 1,2-Dibromoethane	11.093	107	7224	4.549 ug/l	98
64) Tetrachloroethene	10.721	164	8451	4.615 ug/l	96
65) Chlorobenzene	11.520	112	22674	4.633 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	8855	4.427 ug/l	95
67) Ethyl Benzene	11.599	91	36820	4.385 ug/l	98
68) m/p-Xylenes	11.709	106	27109	8.569 ug/l	96
69) o-Xylene	12.032	106	13615	4.301 ug/l	100
70) Styrene	12.050	104	23308	4.220 ug/l	96
71) Bromoform	12.209	173	6354	4.562 ug/l #	99
73) Isopropylbenzene	12.331	105	38359	4.402 ug/l	98
74) N-amyl acetate	12.148	43	11811	4.301 ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	10838	4.797 ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	12956	7.796 ug/l #	100
77) Bromobenzene	12.611	156	9798	4.585 ug/l	98
78) n-propylbenzene	12.672	91	46823	4.468 ug/l	100
79) 2-Chlorotoluene	12.764	91	27047	4.531 ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	30523	4.250 ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	3036	4.175 ug/l	98
82) 4-Chlorotoluene	12.855	91	28404	4.566 ug/l	100
83) tert-Butylbenzene	13.081	119	29054	4.335 ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	31827	4.400 ug/l	100
85) sec-Butylbenzene	13.258	105	43051	4.380 ug/l	98
86) p-Isopropyltoluene	13.373	119	34964	4.300 ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	20294	4.718 ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	20904	4.825 ug/l	95
89) n-Butylbenzene	13.703	91	32906	4.276 ug/l	98
90) Hexachloroethane	13.965	117	7331	4.492 ug/l	86
91) 1,2-Dichlorobenzene	13.745	146	18354	4.590 ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1833	4.619 ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	11911	4.648 ug/l	99
94) Hexachlorobutadiene	15.111	225	6304	4.594 ug/l	98
95) Naphthalene	15.239	128	26886	4.535 ug/l	97
96) 1,2,3-Trichlorobenzene	15.428	180	10240	4.492 ug/l	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
Data File : VY015878.D
Acq On : 09 Oct 2023 13:36
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 10 05:37:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 05:24:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

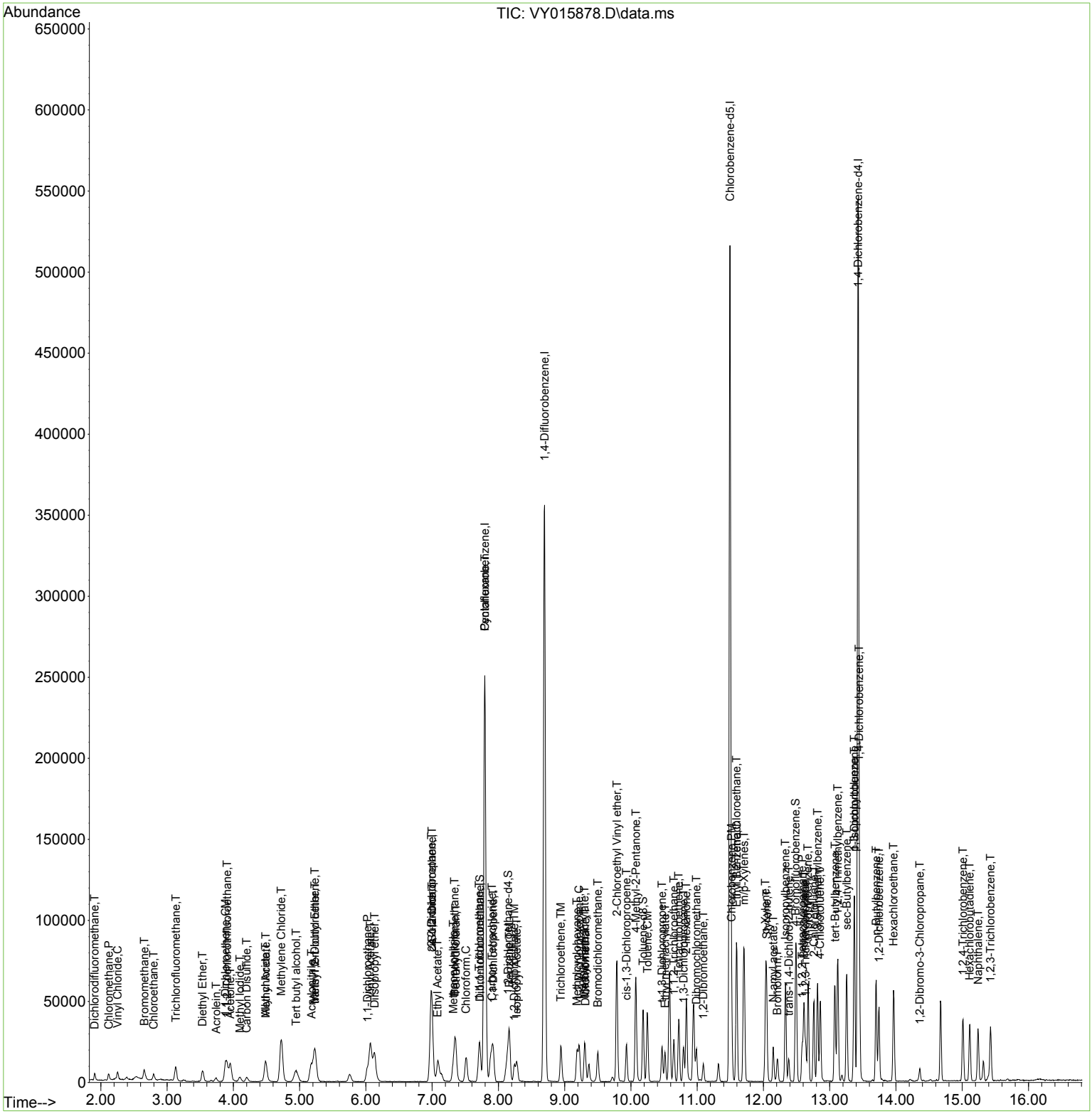
(#) = qualifier out of range (m) = manual integration (+) = signals summed

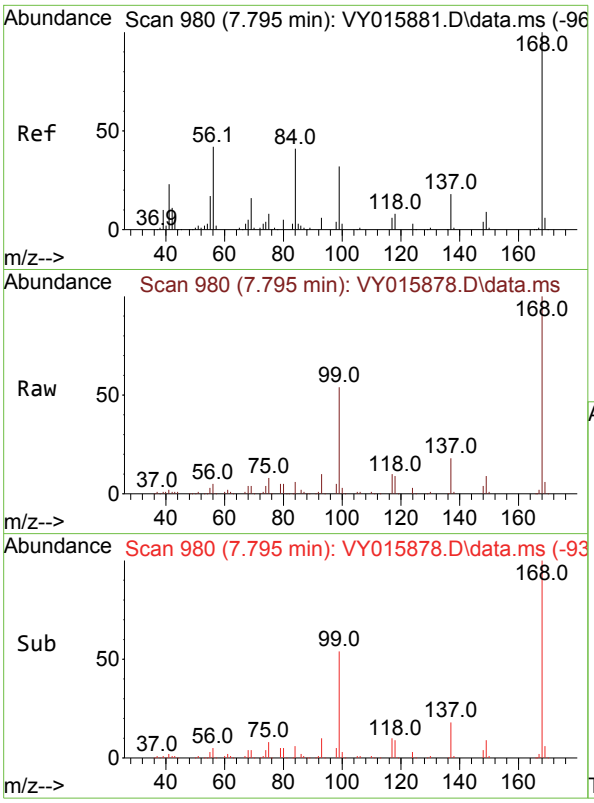
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
Data File : VY015878.D
Acq On : 09 Oct 2023 13:36
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 10 05:37:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 05:24:20 2023
Response via : Initial Calibration



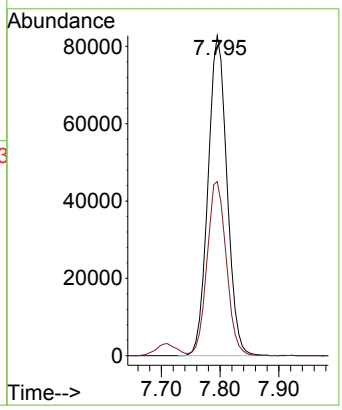


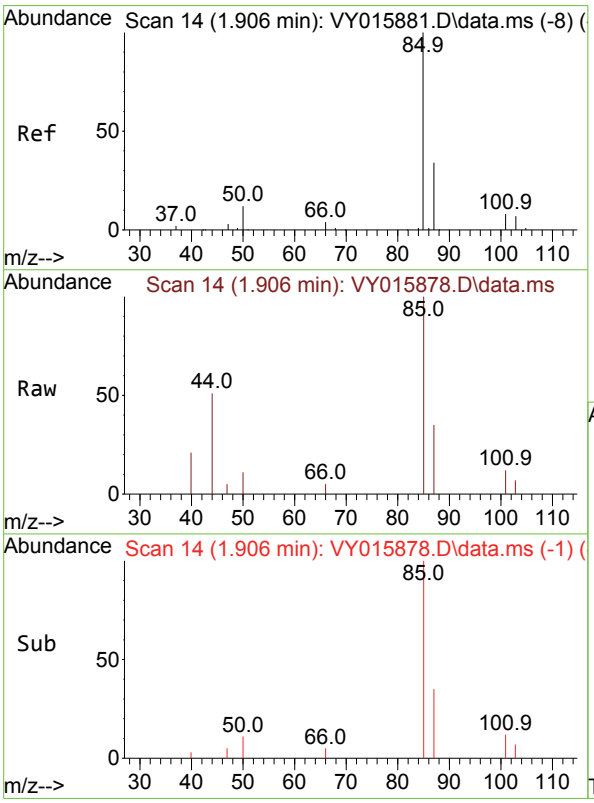
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 185845

Ion	Ratio	Lower	Upper
168	100		
99	54.4	43.4	65.0

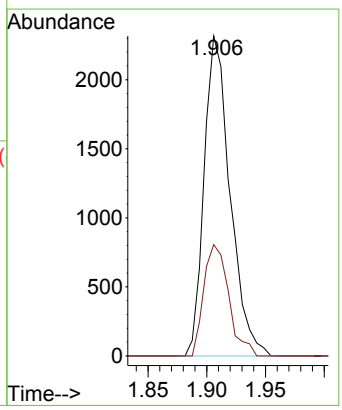


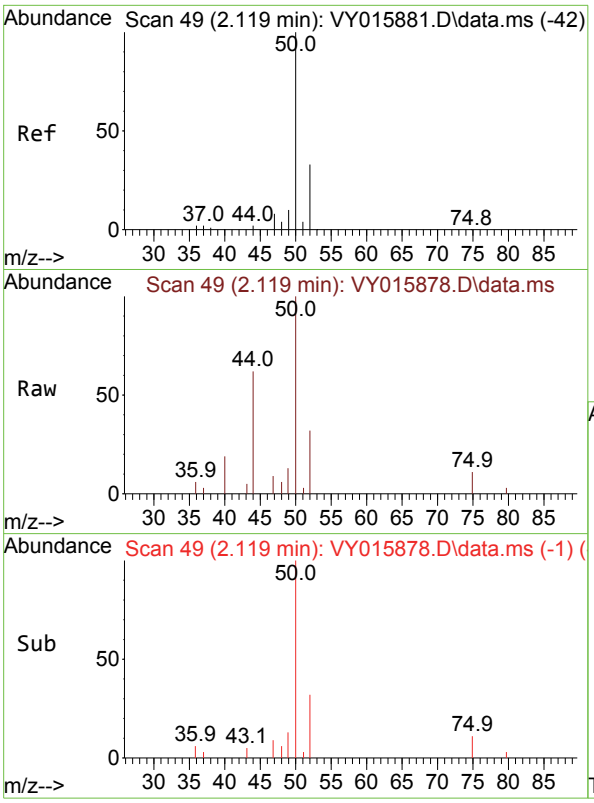


#2
Dichlorodifluoromethane
Concen: 4.778 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 85 Resp: 3552

Ion	Ratio	Lower	Upper
85	100		
87	34.8	15.6	46.8



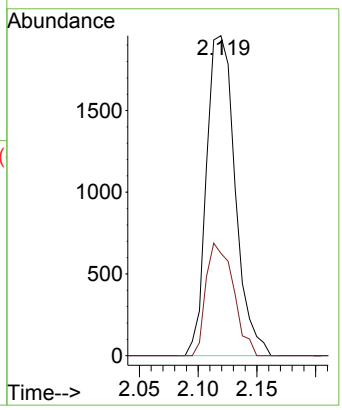


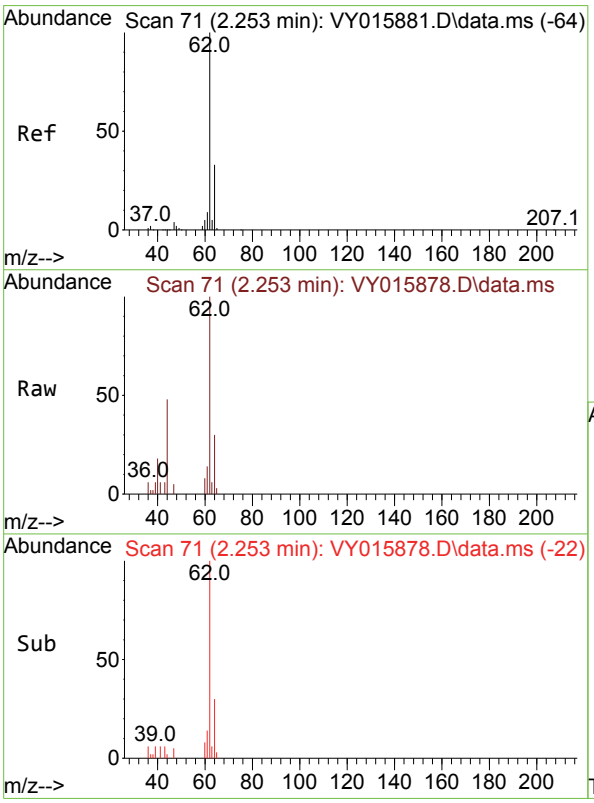
#3
Chloromethane
Concen: 4.372 ug/l
RT: 2.119 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 3324

Ion	Ratio	Lower	Upper
50	100		
52	32.0	25.4	38.2

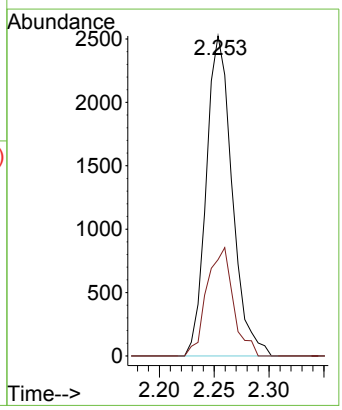


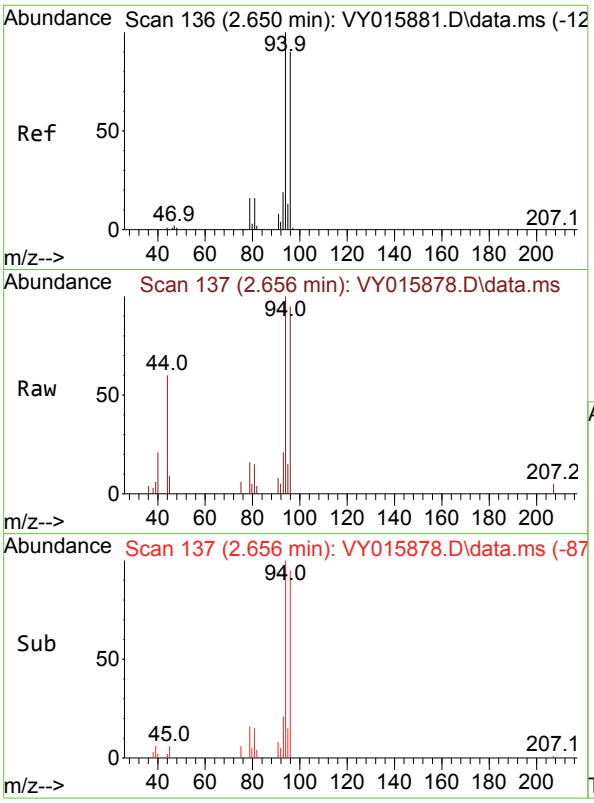


#4
Vinyl Chloride
Concen: 4.273 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 62 Resp: 4144

Ion	Ratio	Lower	Upper
62	100		
64	30.1	24.3	36.5



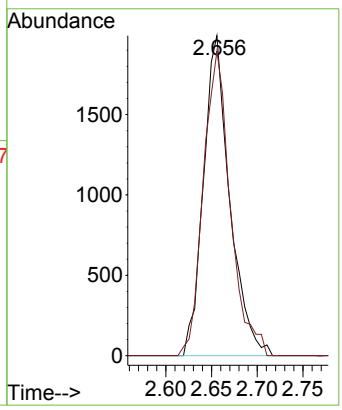


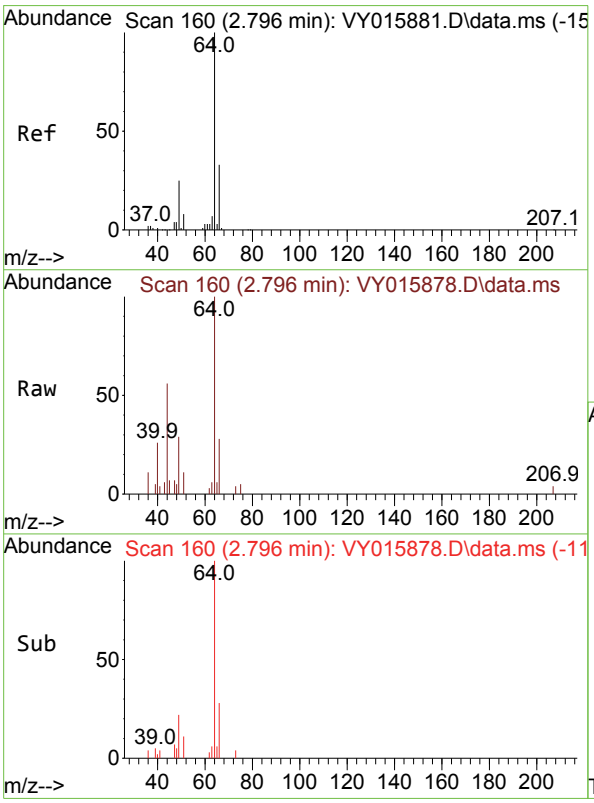
#5
Bromomethane
Concen: 5.004 ug/l
RT: 2.656 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 3979

Ion	Ratio	Lower	Upper
94	100		
96	95.1	75.8	113.6

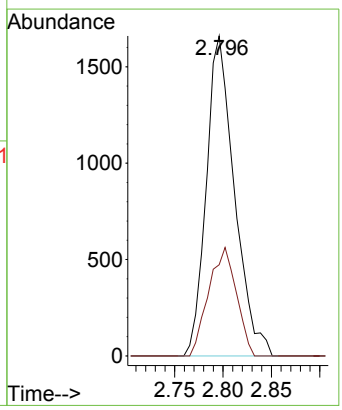


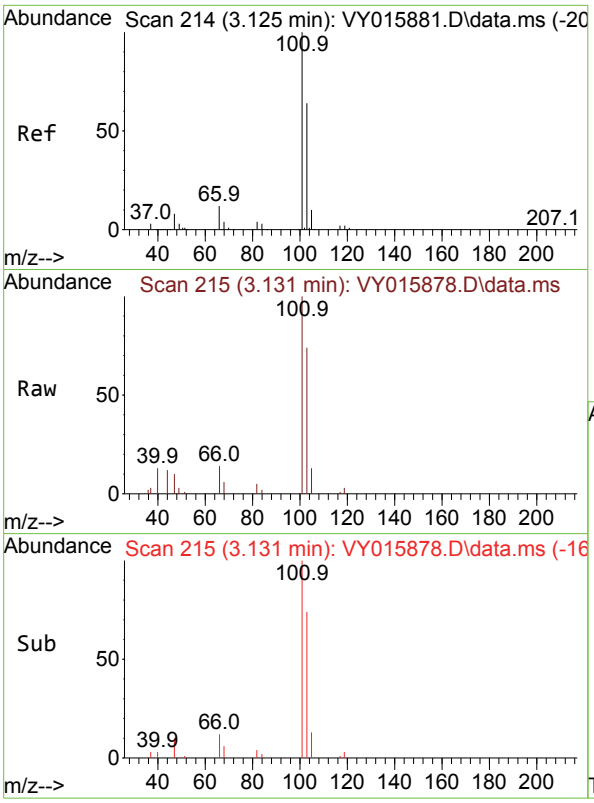


#6
Chloroethane
Concen: 4.412 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 64 Resp: 3360

Ion	Ratio	Lower	Upper
64	100		
66	28.5	24.4	36.6



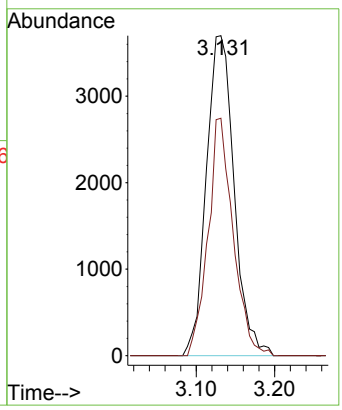


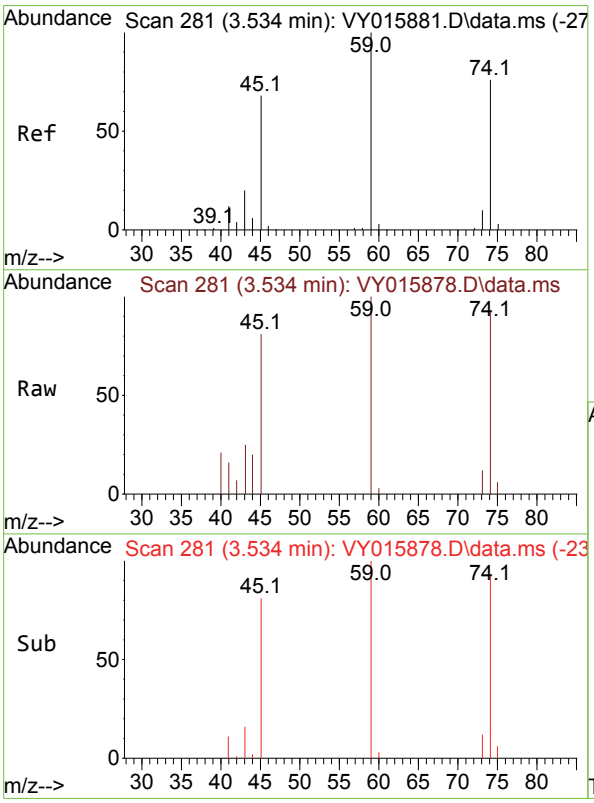
#7
Trichlorofluoromethane
Concen: 4.435 ug/l
RT: 3.131 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 9126

Ion	Ratio	Lower	Upper
101	100		
103	74.2	51.4	77.0

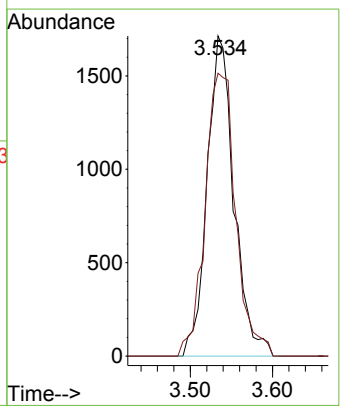


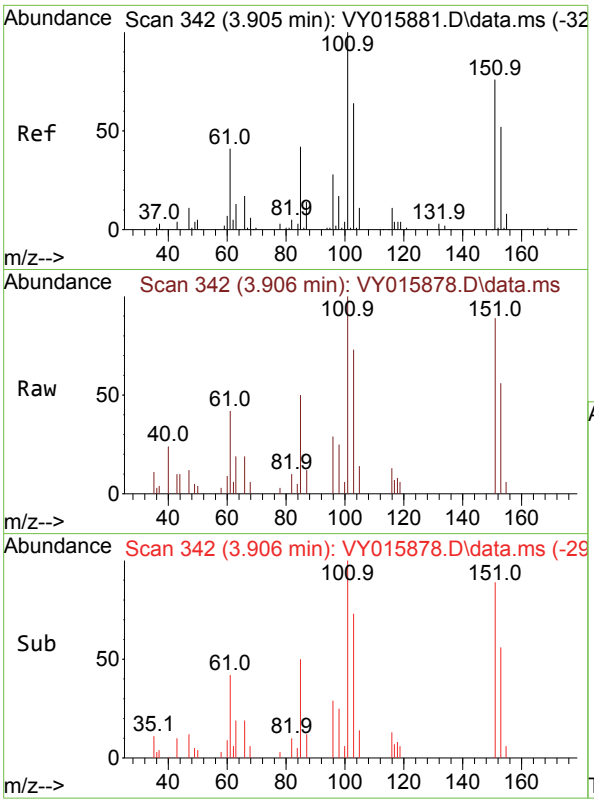


#8
Diethyl Ether
Concen: 4.463 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 74 Resp: 3885

Ion	Ratio	Lower	Upper
74	100		
45	100.5	51.5	154.5



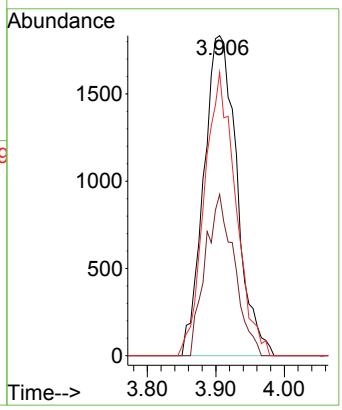


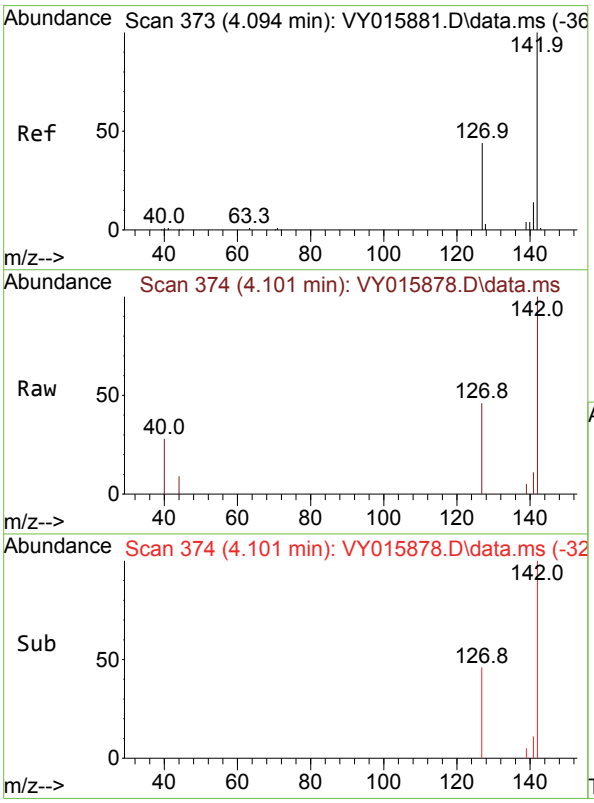
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.403 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 6149

Ion	Ratio	Lower	Upper
101	100		
85	44.2	36.6	55.0
151	83.9	67.0	100.6

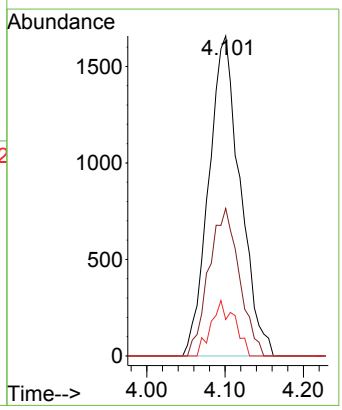


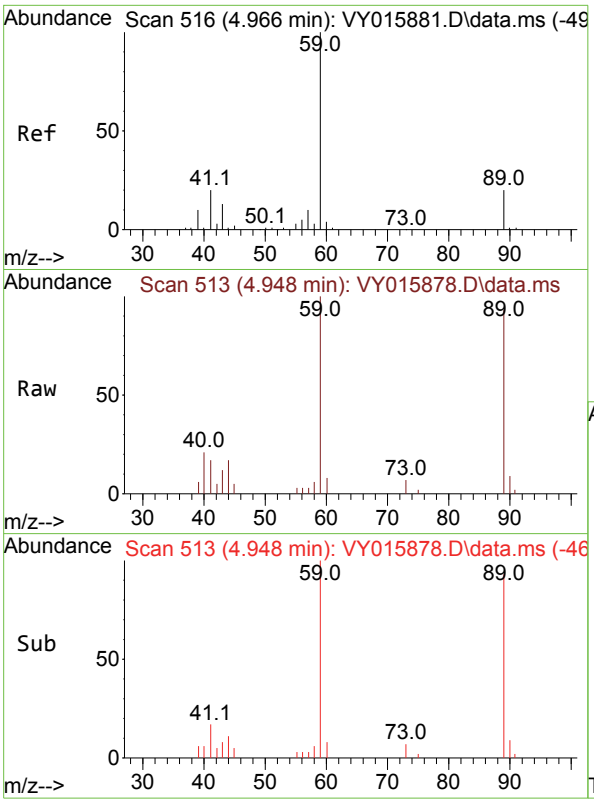


#10
Methyl Iodide
Concen: 5.418 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:142 Resp: 4625

Ion	Ratio	Lower	Upper
142	100		
127	44.6	37.6	56.4
141	13.0	11.8	17.8



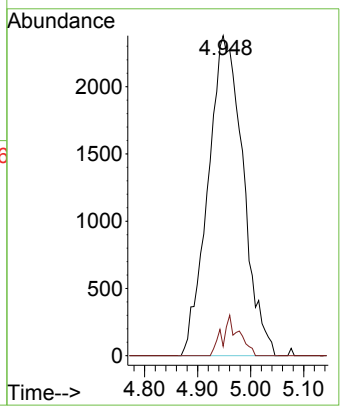


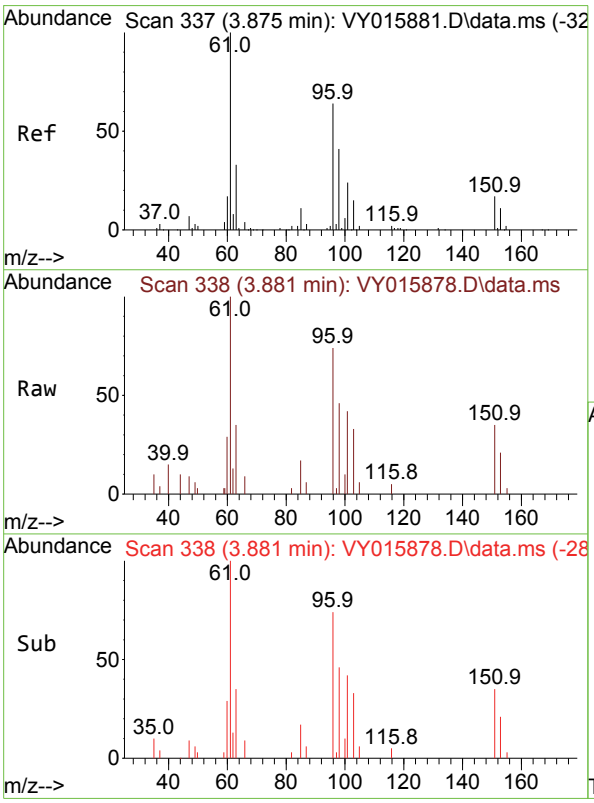
#11
Tert butyl alcohol
Concen: 33.909 ug/l
RT: 4.948 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 10907

Ion	Ratio	Lower	Upper
59	100		
57	6.1	3.0	4.4#

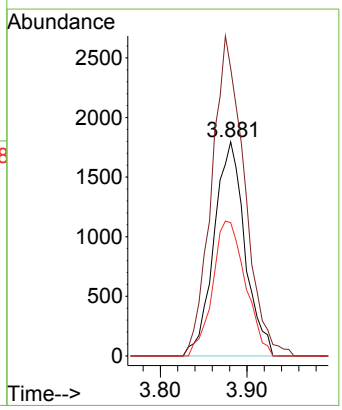


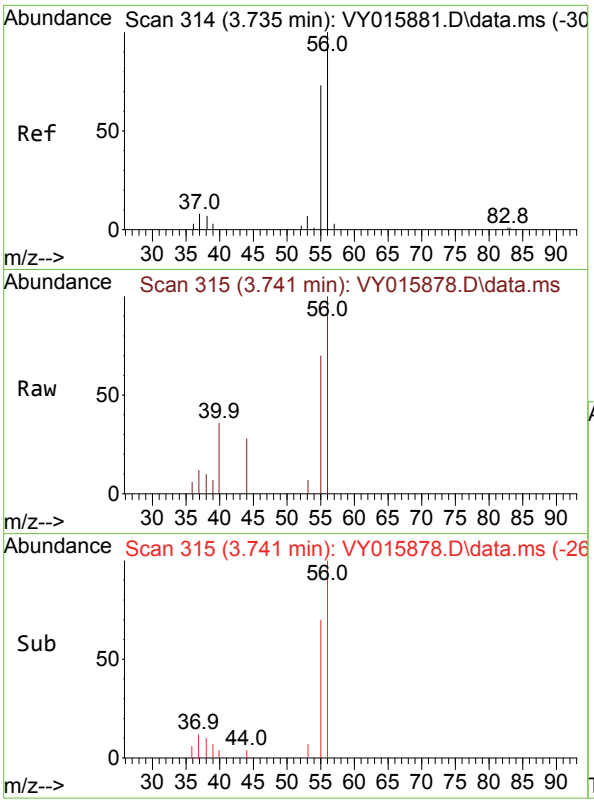


#12
1,1-Dichloroethene
Concen: 4.133 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 96 Resp: 4439

Ion	Ratio	Lower	Upper
96	100		
61	134.4	136.4	204.6#
98	62.2	49.4	74.2



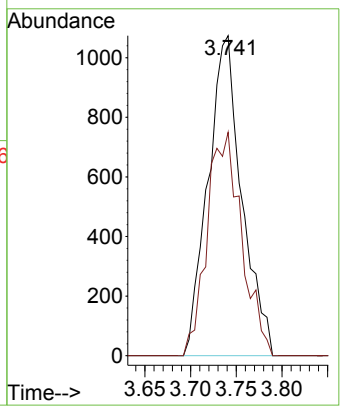


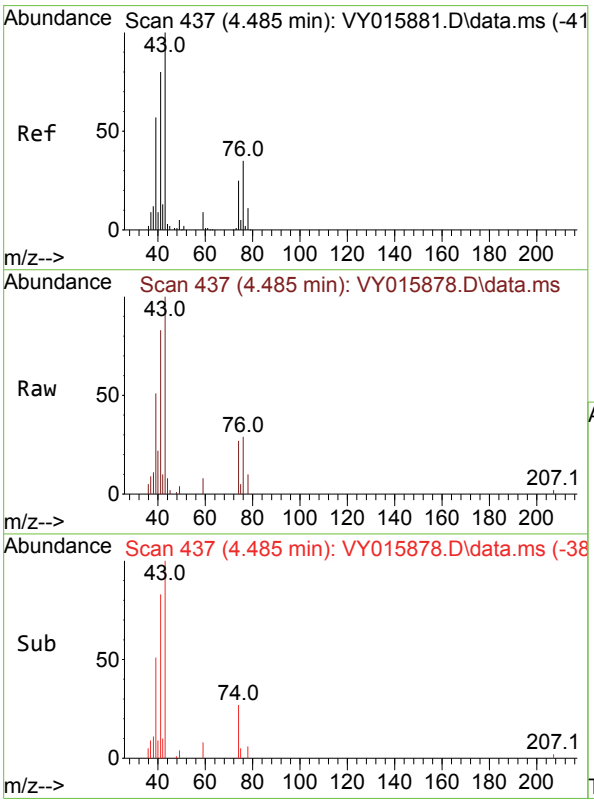
#13
Acrolein
Concen: 27.034 ug/l
RT: 3.741 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 2763

Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.0	85.4

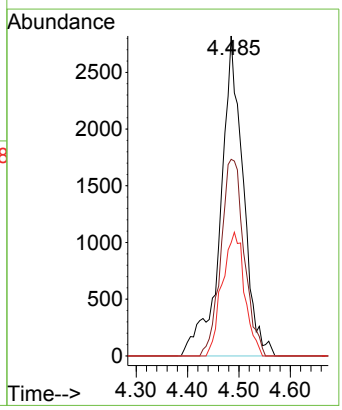


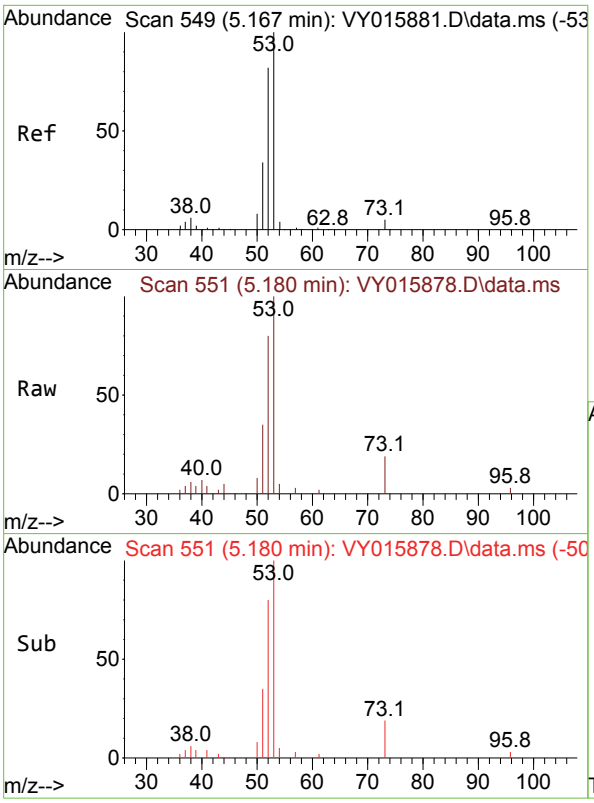


#14
Allyl chloride
Concen: 4.359 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 41 Resp: 8633

Ion	Ratio	Lower	Upper
41	100		
39	63.0	58.0	87.0
76	38.2	27.4	41.2



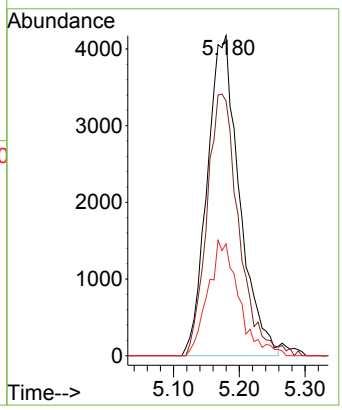


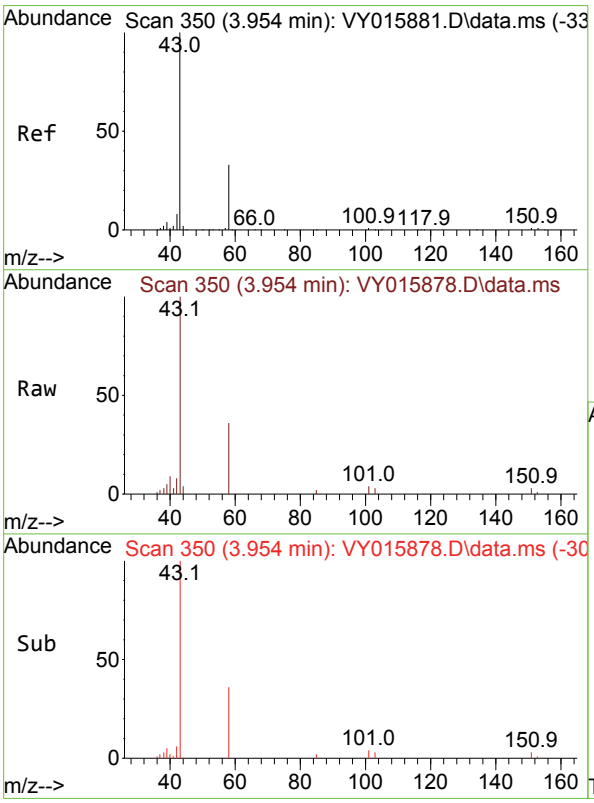
#15
Acrylonitrile
Concen: 23.728 ug/l
RT: 5.180 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 14204

Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.9	100.3
51	34.7	29.8	44.6

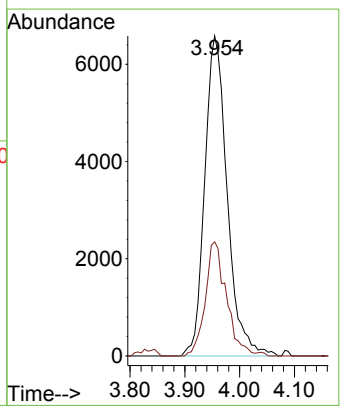


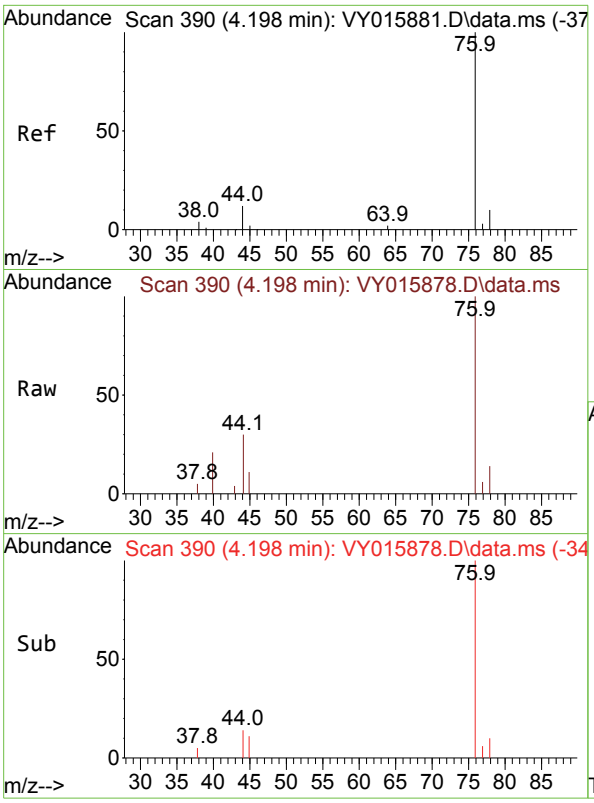


#16
Acetone
Concen: 28.139 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 43 Resp: 18712

Ion	Ratio	Lower	Upper
43	100		
58	35.6	22.7	34.1#



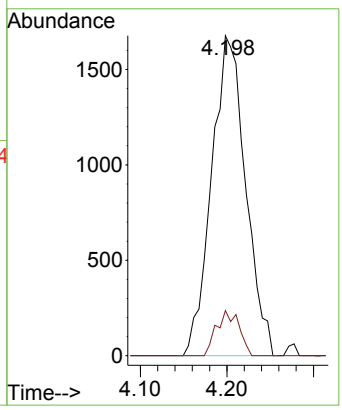


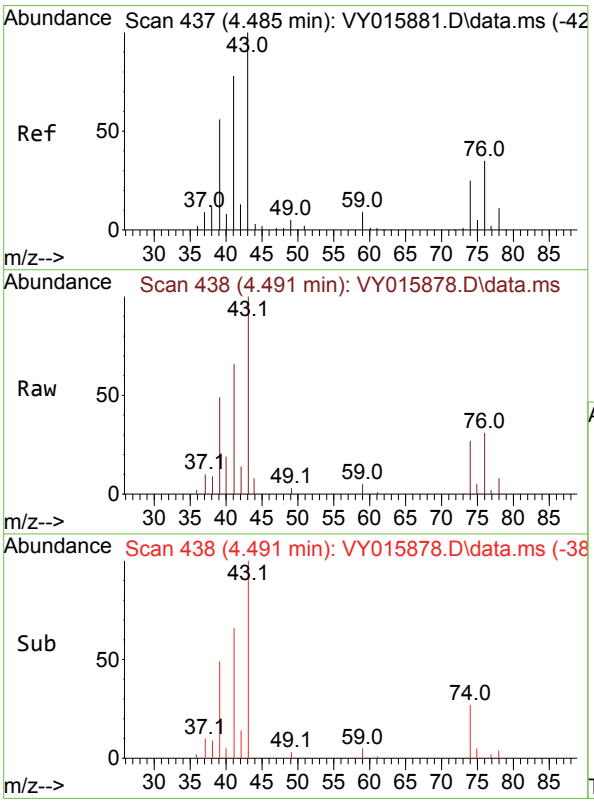
#17
Carbon Disulfide
Concen: 5.419 ug/l
RT: 4.198 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 4571

Ion	Ratio	Lower	Upper
76	100		
78	14.1	7.0	10.4#

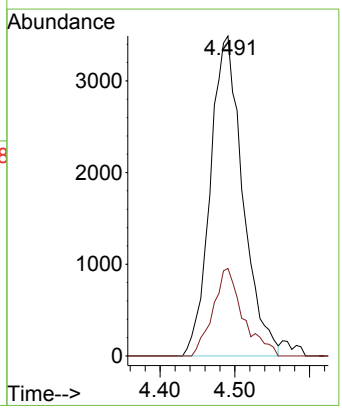


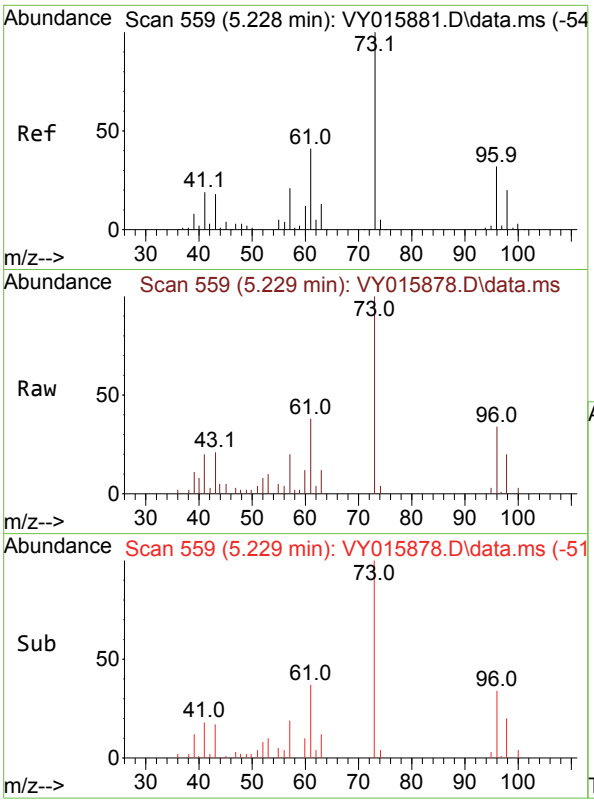


#18
Methyl Acetate
Concen: 4.645 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 43 Resp: 10530

Ion	Ratio	Lower	Upper
43	100		
74	25.4	17.4	26.0



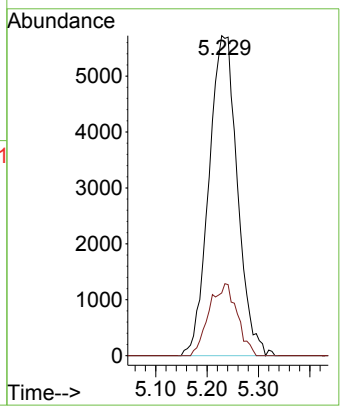


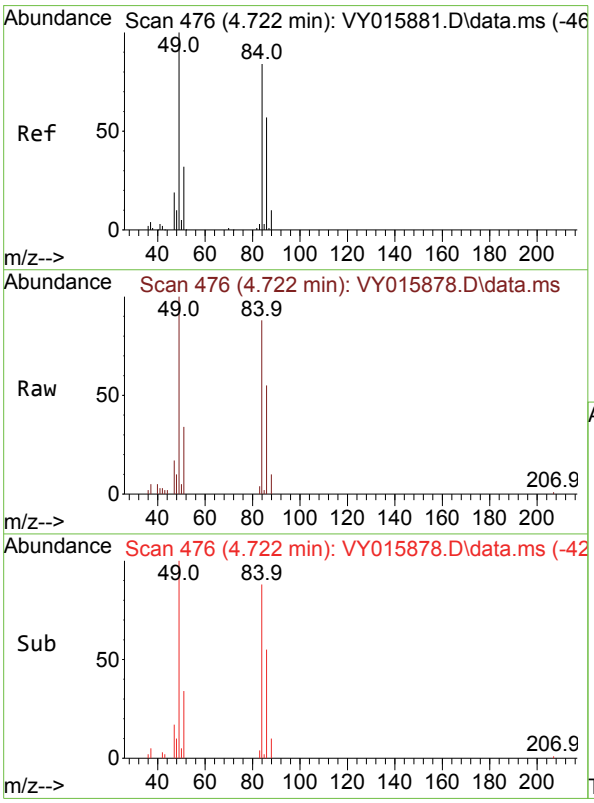
#19
Methyl tert-butyl Ether
Concen: 4.525 ug/l
RT: 5.229 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 22026

Ion	Ratio	Lower	Upper
73	100		
57	19.6	17.3	25.9

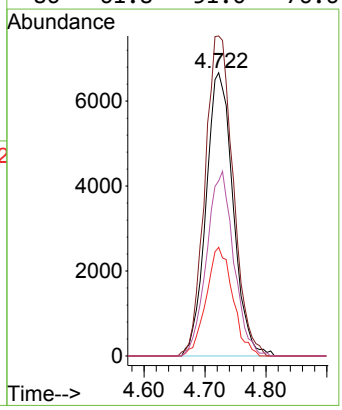


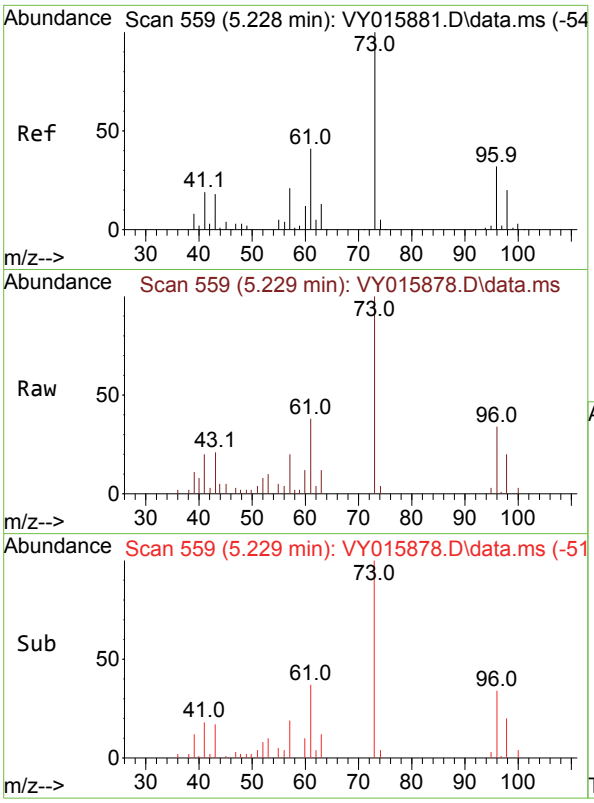


#20
Methylene Chloride
Concen: 2.985 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 84 Resp: 20627

Ion	Ratio	Lower	Upper
84	100		
49	113.0	106.9	160.3
51	38.4	33.2	49.8
86	61.8	51.0	76.6



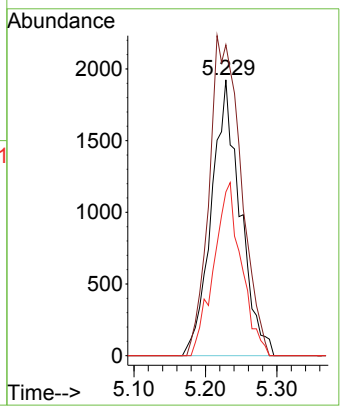


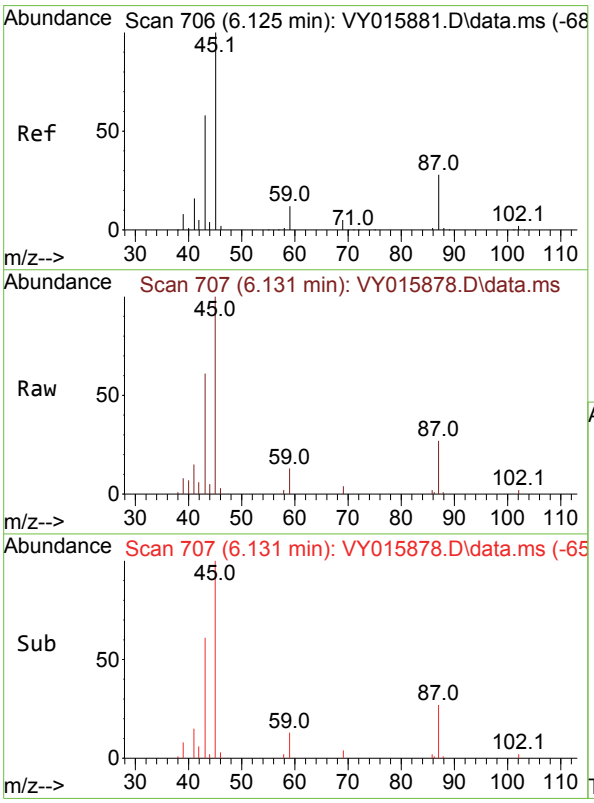
#21
trans-1,2-Dichloroethene
Concen: 4.312 ug/l
RT: 5.229 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 5374

Ion	Ratio	Lower	Upper
96	100		
61	112.7	110.2	165.4
98	59.4	51.8	77.6

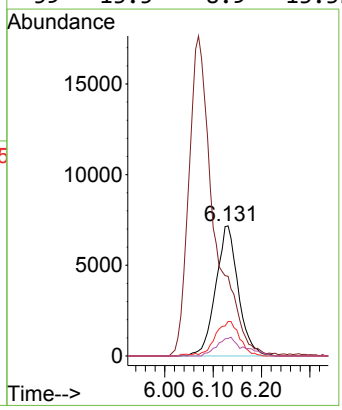


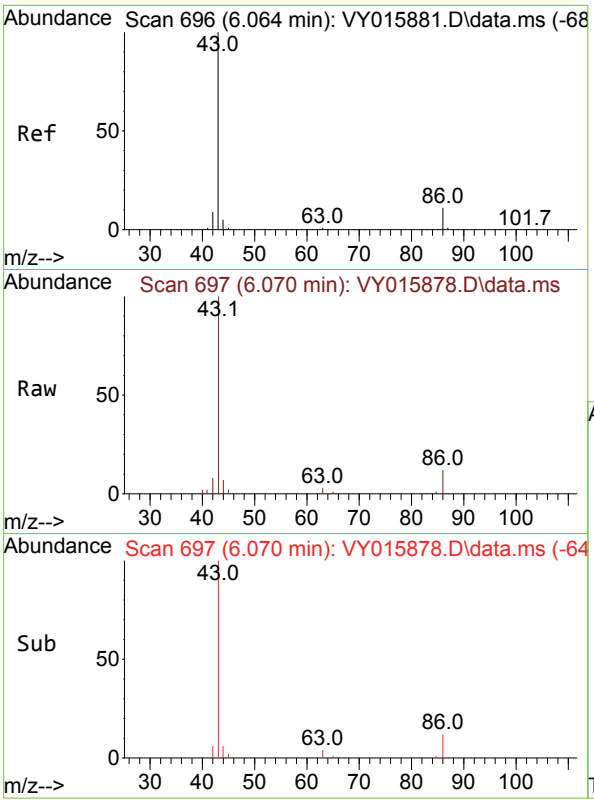


#22
Diisopropyl ether
Concen: 4.380 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 45 Resp: 23201

Ion	Ratio	Lower	Upper
45	100		
43	60.3	52.2	78.4
87	26.6	21.0	31.6
59	13.5	8.9	13.3#



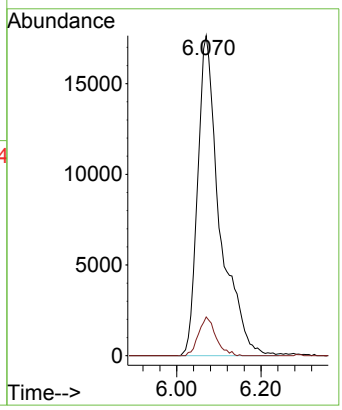


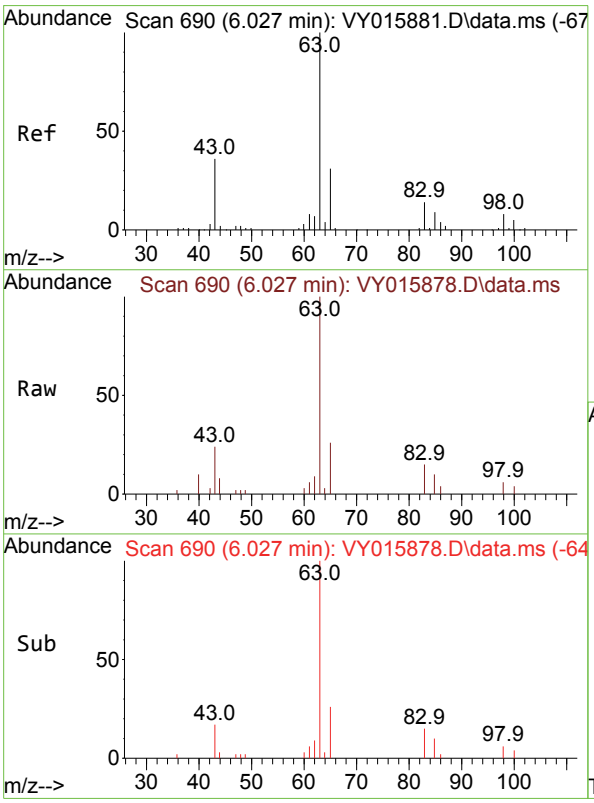
#23
Vinyl Acetate
Concen: 22.105 ug/l
RT: 6.070 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 64389

Ion	Ratio	Lower	Upper
43	100		
86	12.1	7.5	11.3#

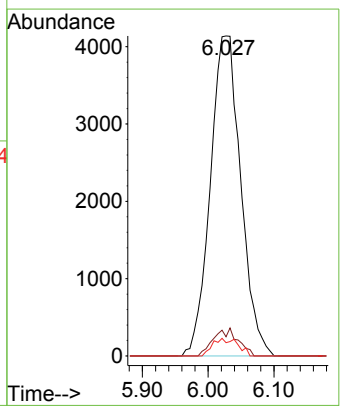


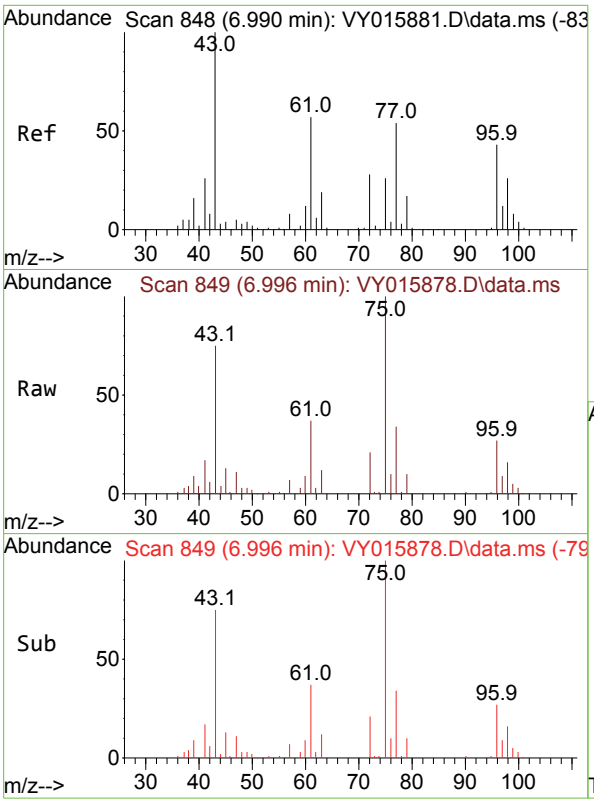


#24
1,1-Dichloroethane
Concen: 4.577 ug/l
RT: 6.027 min Scan# 690
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 63 Resp: 13355

Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.1	9.4
100	4.2	1.8	5.5



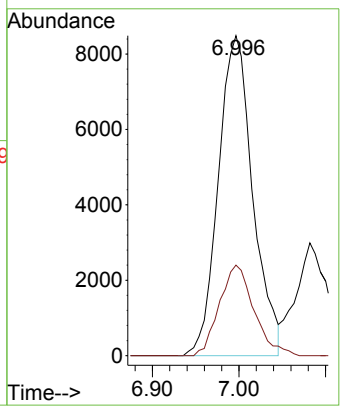


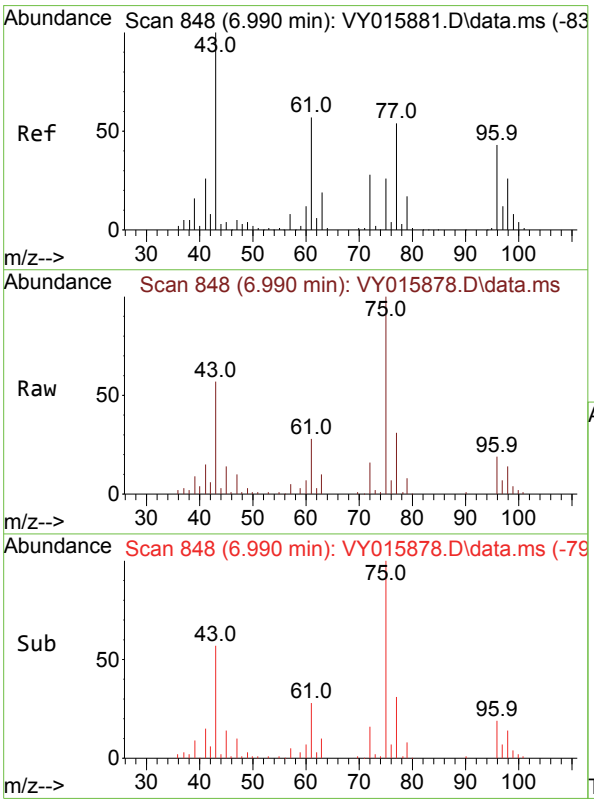
#25
2-Butanone
Concen: 25.566 ug/l
RT: 6.996 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 23452

Ion	Ratio	Lower	Upper
43	100		
72	28.3	20.5	30.7

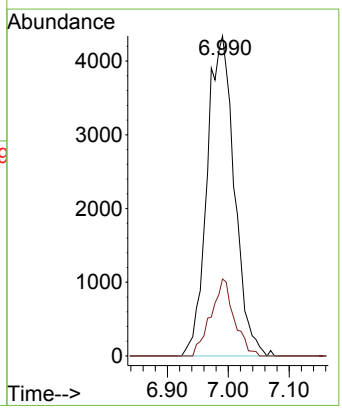


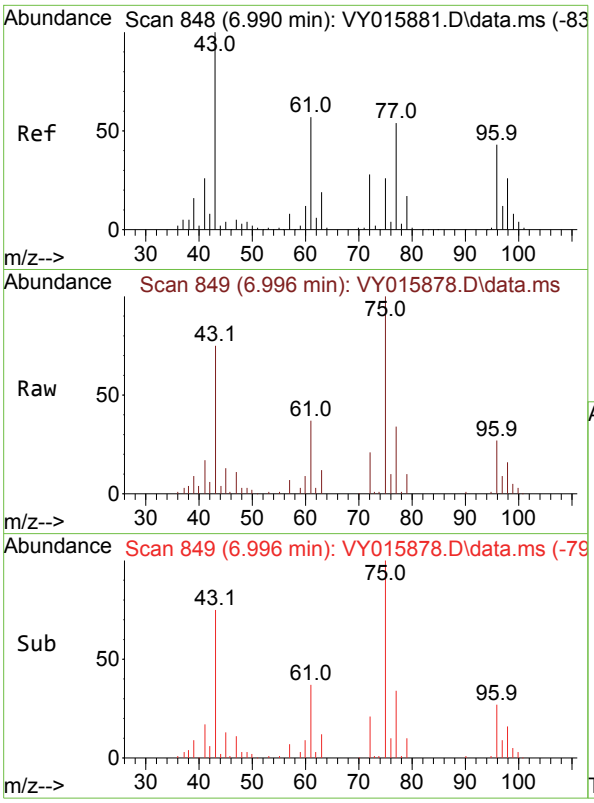


#26
2,2-Dichloropropane
Concen: 4.990 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 77 Resp: 13541

Ion	Ratio	Lower	Upper
77	100		
97	20.5	10.9	32.9



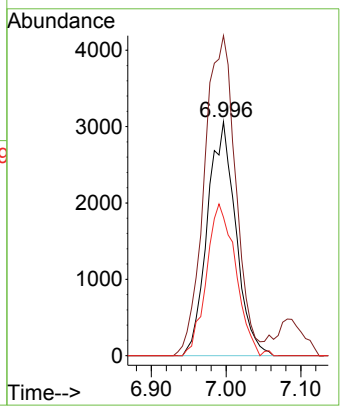


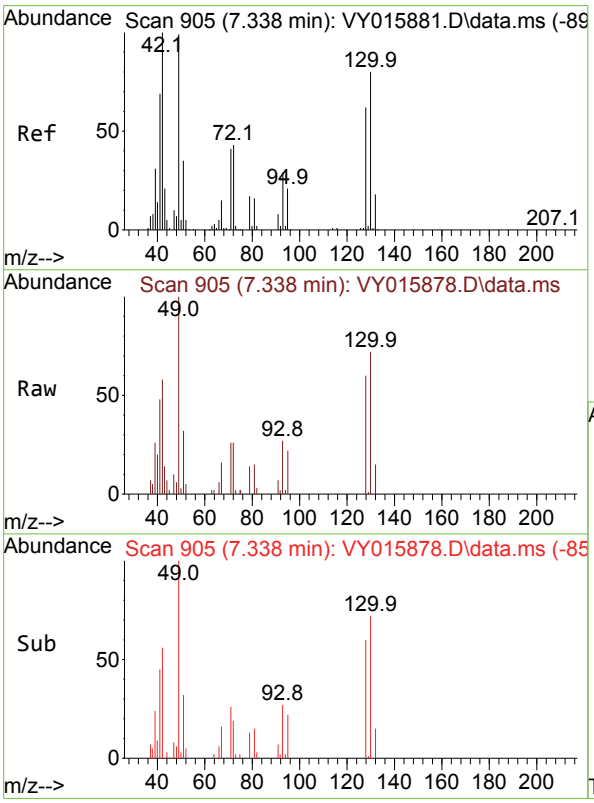
#27
cis-1,2-Dichloroethene
Concen: 4.391 ug/l
RT: 6.996 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 8078

Ion	Ratio	Lower	Upper
96	100		
61	150.8	0.0	301.4
98	67.1	0.0	130.4

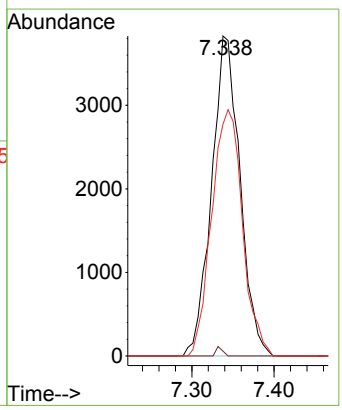


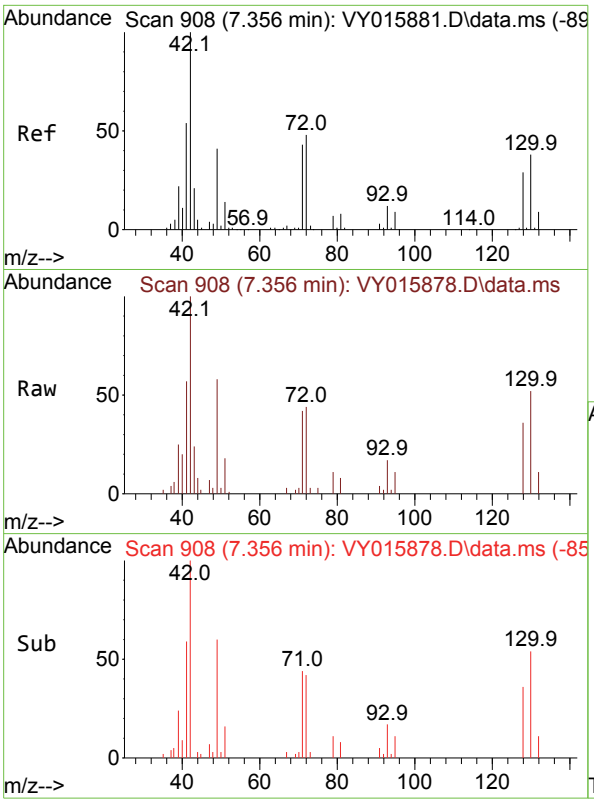


#28
Bromochloromethane
Concen: 5.450 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 49 Resp: 9166

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.6
130	83.5	60.7	91.1



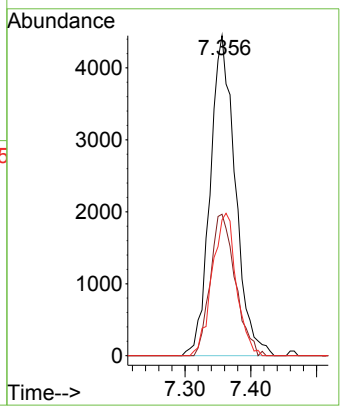


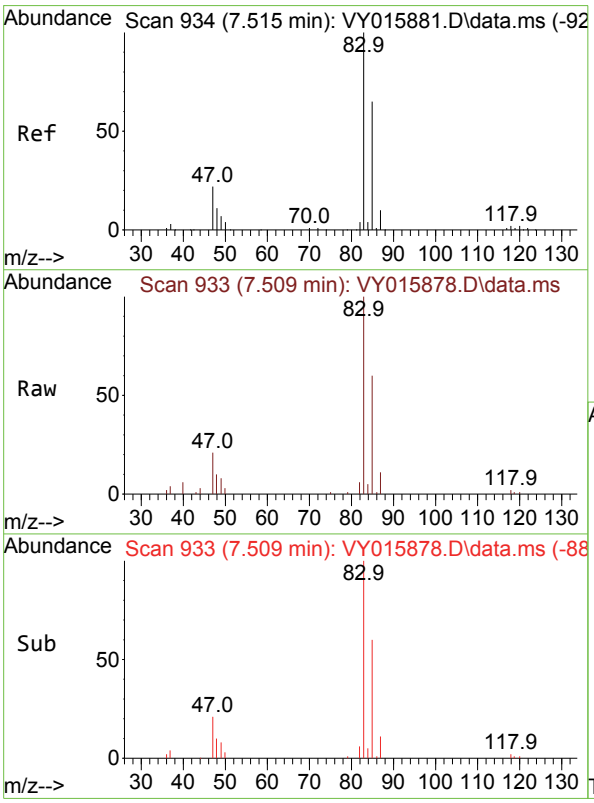
#29
Tetrahydrofuran
Concen: 23.558 ug/l
RT: 7.356 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 11822

Ion	Ratio	Lower	Upper
42	100		
72	44.0	32.8	49.2
71	42.8	31.0	46.4

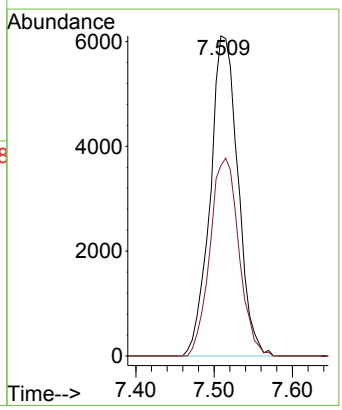


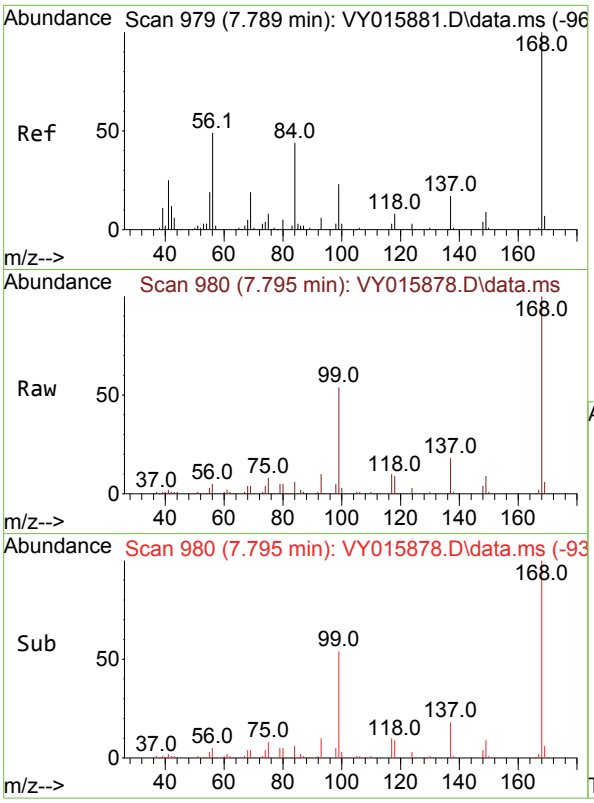


#30
Chloroform
Concen: 4.624 ug/l
RT: 7.509 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 83 Resp: 15050

Ion	Ratio	Lower	Upper
83	100		
85	59.6	49.7	74.5



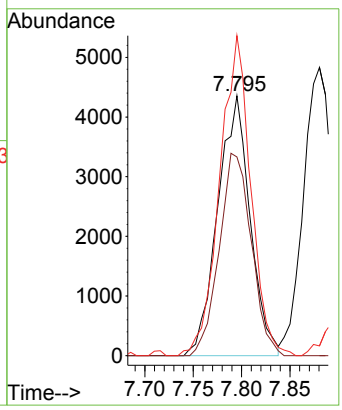


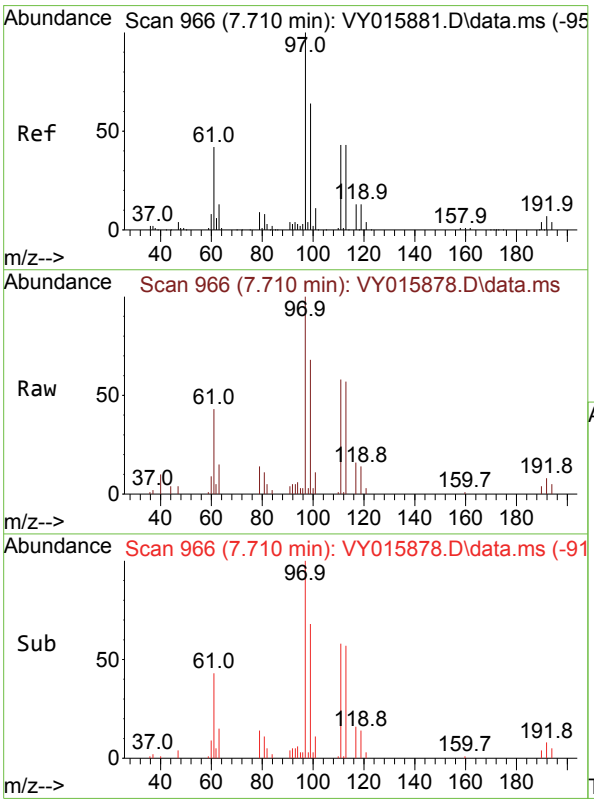
#31
Cyclohexane
Concen: 5.662 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 10141

Ion	Ratio	Lower	Upper
56	100		
69	76.5	27.8	41.6#
84	123.2	66.4	99.6#

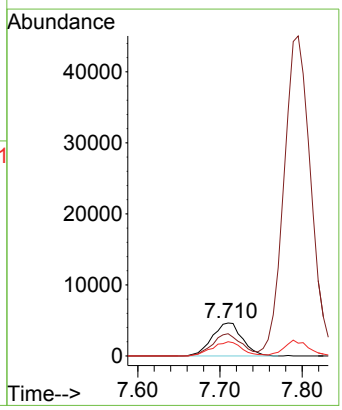


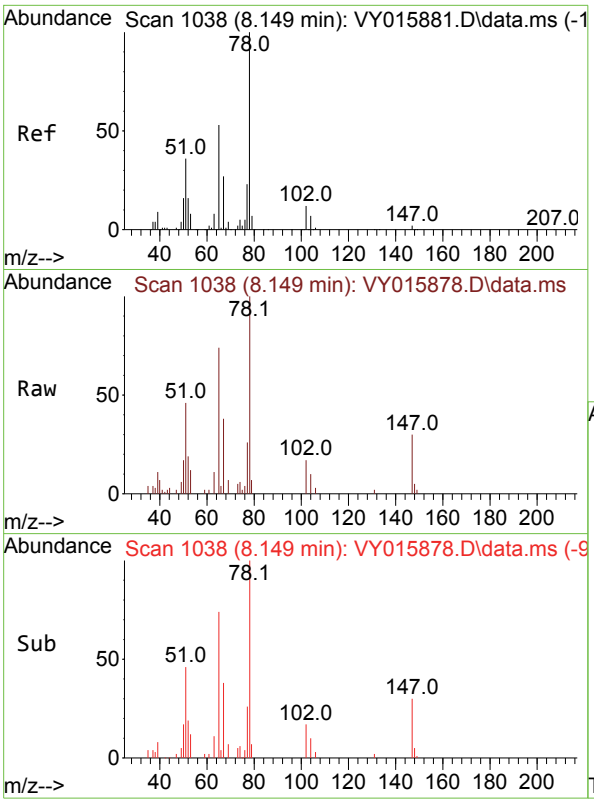


#32
1,1,1-Trichloroethane
Concen: 4.432 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 97 Resp: 11781

Ion	Ratio	Lower	Upper
97	100		
99	66.0	50.8	76.2
61	43.3	35.1	52.7



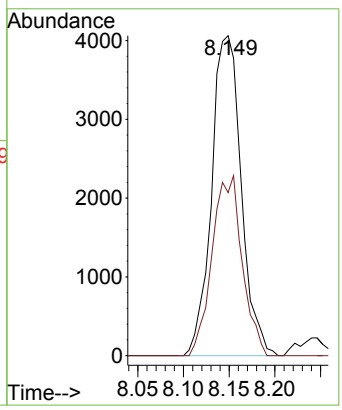


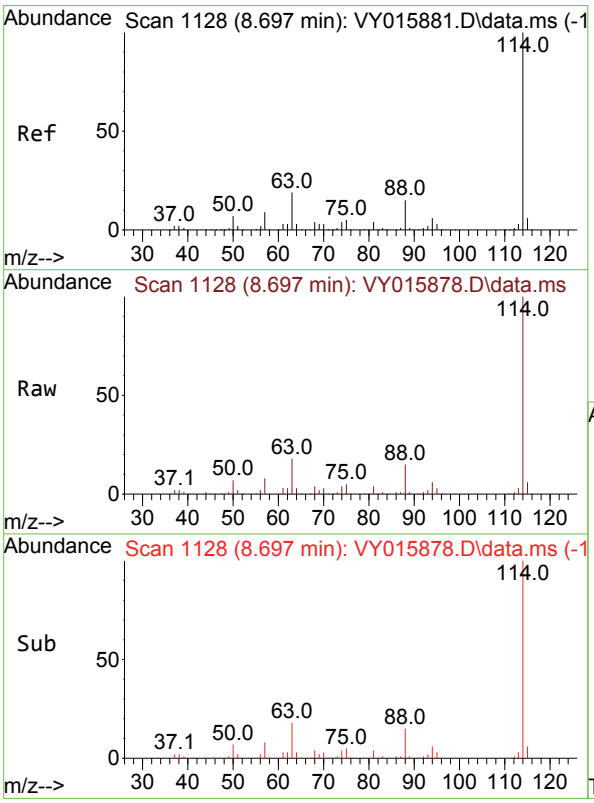
#33
1,2-Dichloroethane-d4
Concen: 5.487 ug/l
RT: 8.149 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 9176

Ion	Ratio	Lower	Upper
65	100		
67	56.8	0.0	101.8

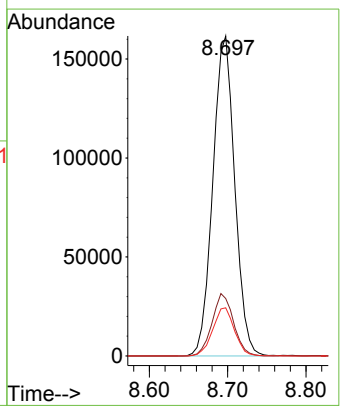


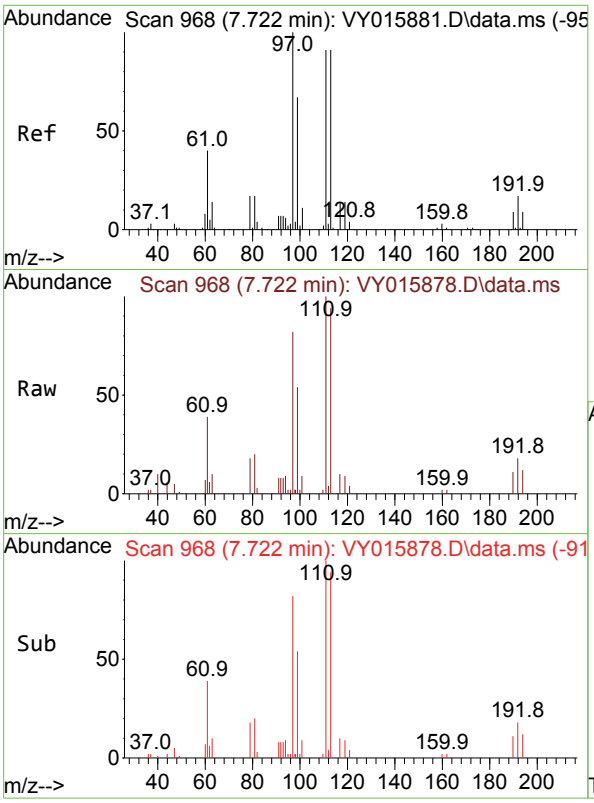


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:114 Resp: 314261

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	42.4
88	15.0	0.0	30.6



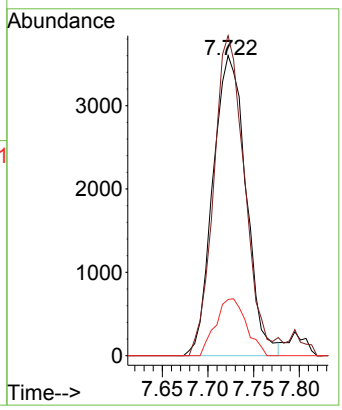


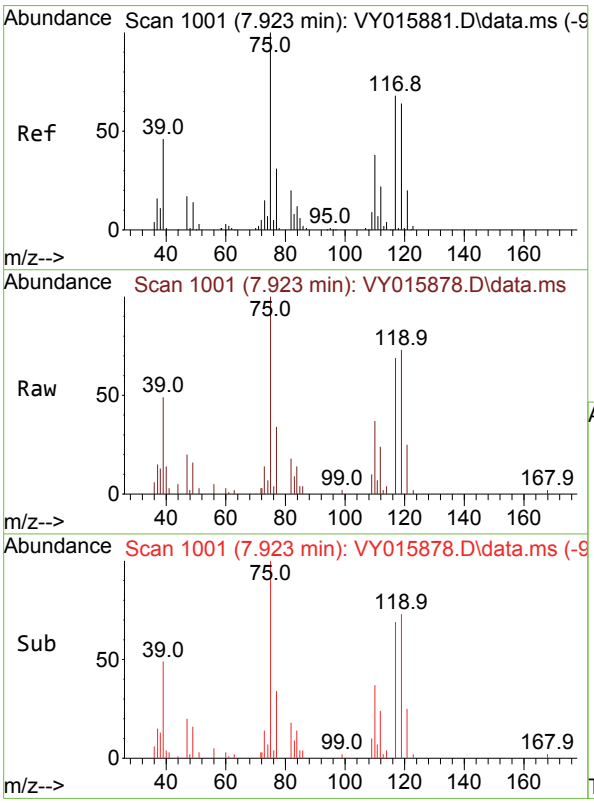
#35
Dibromofluoromethane
Concen: 5.175 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 9072

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.3	121.9
192	17.5	16.9	25.3

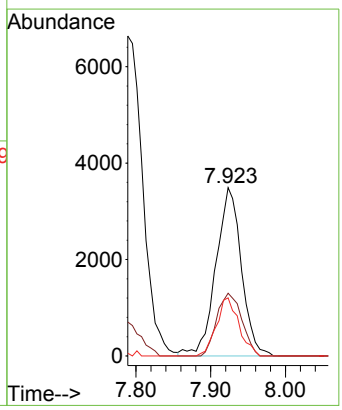


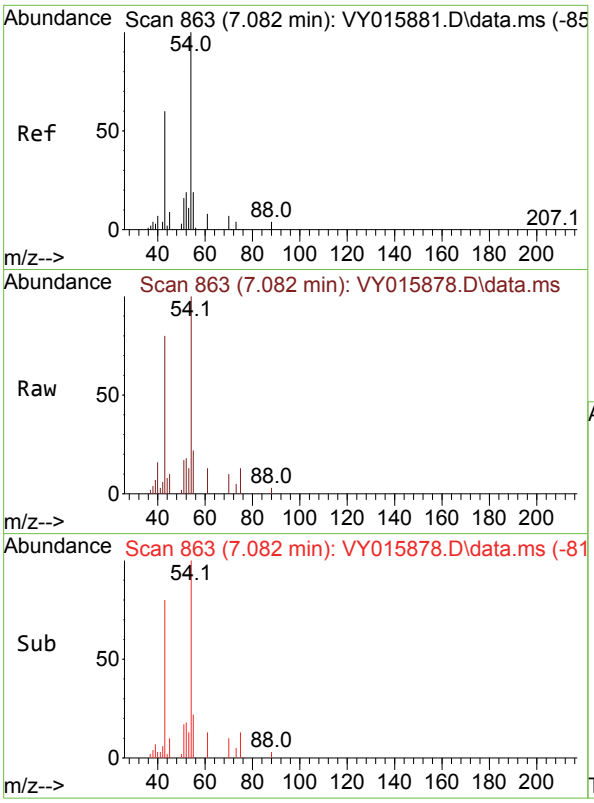


#36
1,1-Dichloropropene
Concen: 4.271 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 75 Resp: 8291

Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.8	53.5
77	30.4	24.4	36.6



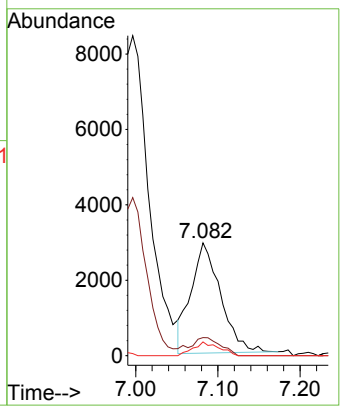


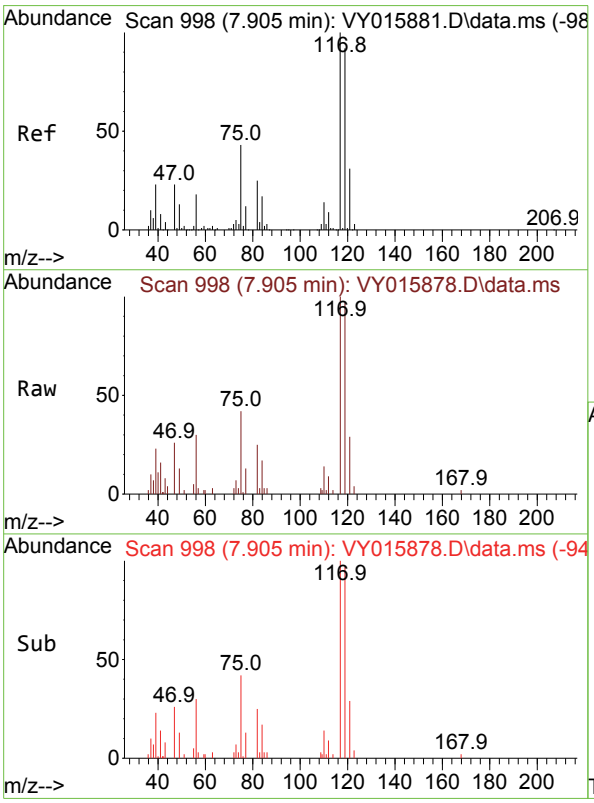
#37
Ethyl Acetate
Concen: 4.401 ug/l
RT: 7.082 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 7338

Ion	Ratio	Lower	Upper
43	100		
61	16.7	10.1	15.1#
70	10.7	7.1	10.7

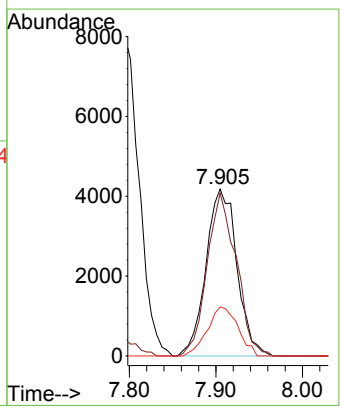


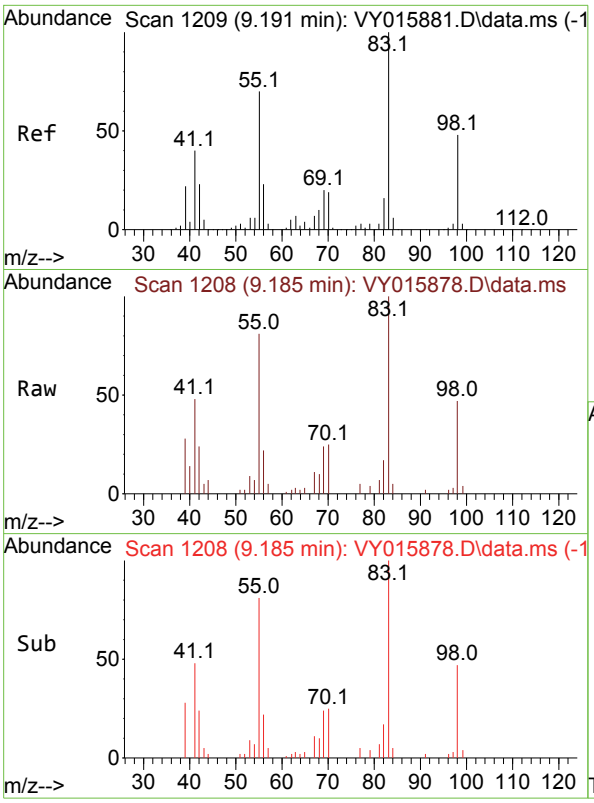


#38
Carbon Tetrachloride
Concen: 4.449 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:117 Resp: 10373

Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.4	114.6
121	29.3	25.8	38.6



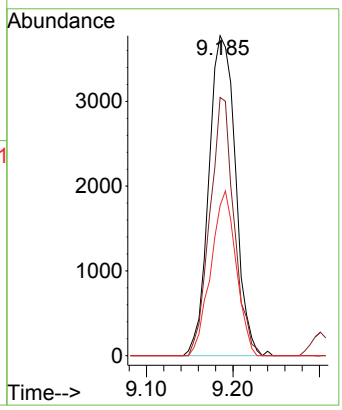


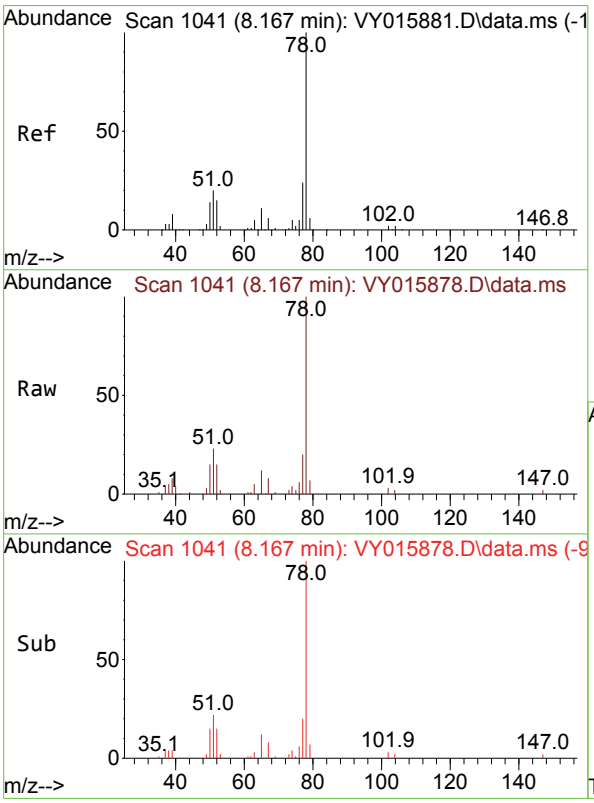
#39
Methylcyclohexane
Concen: 4.083 ug/l
RT: 9.185 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 8051

Ion	Ratio	Lower	Upper
83	100		
55	80.7	63.0	94.4
98	46.9	37.4	56.2

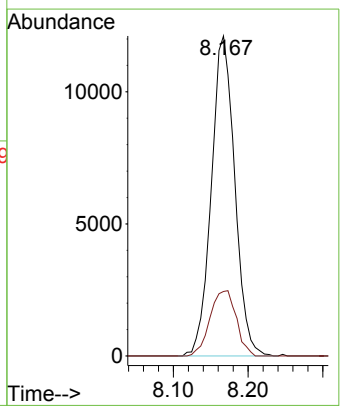


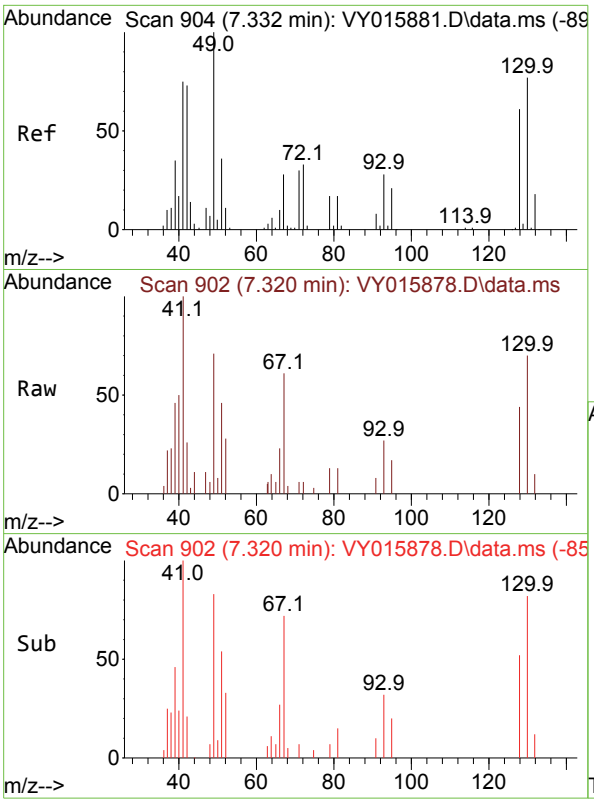


#40
Benzene
Concen: 4.329 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 78 Resp: 26413

Ion	Ratio	Lower	Upper
78	100		
77	20.2	19.0	28.6



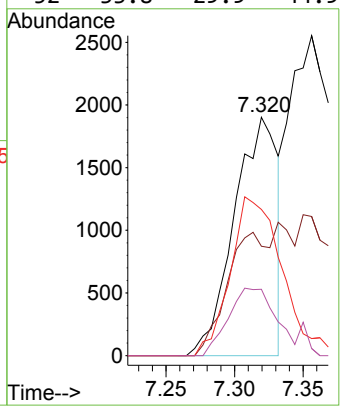


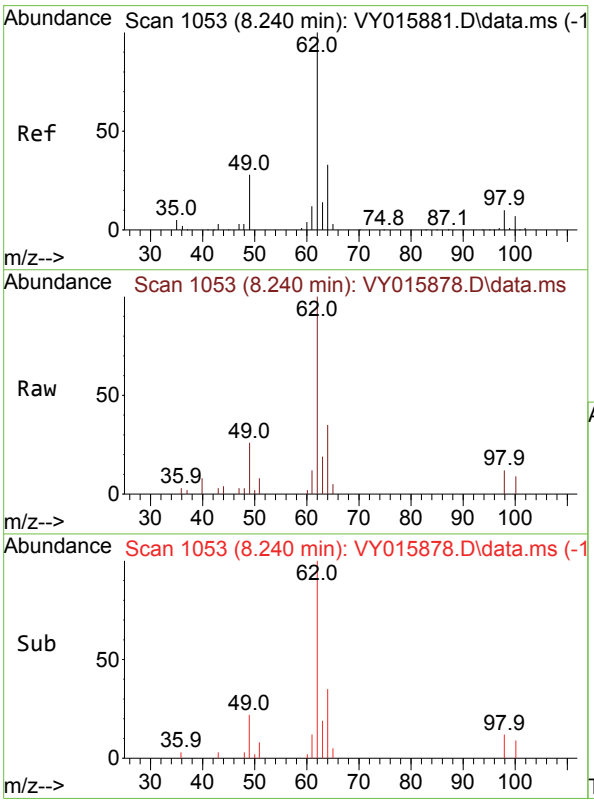
#41
Methacrylonitrile
Concen: 4.043 ug/l
RT: 7.320 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 4190

Ion	Ratio	Lower	Upper
41	100		
39	50.2	52.1	78.1#
67	78.9	66.2	99.2
52	33.8	29.9	44.9

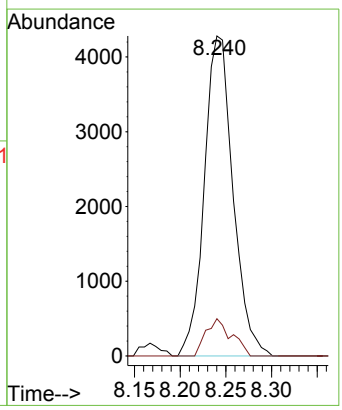


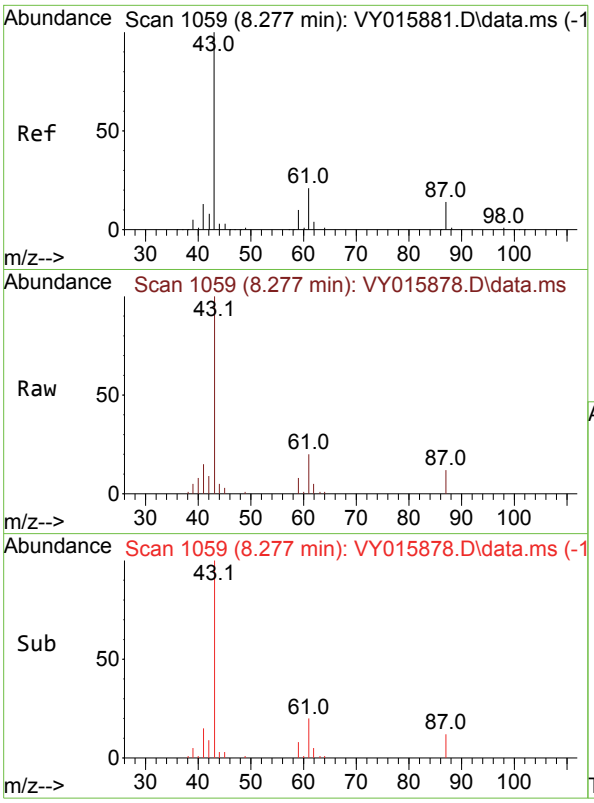


#42
1,2-Dichloroethane
Concen: 4.489 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 62 Resp: 9336

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	15.8



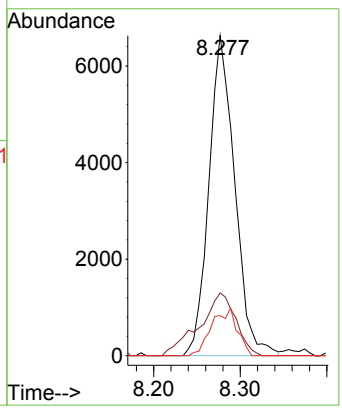


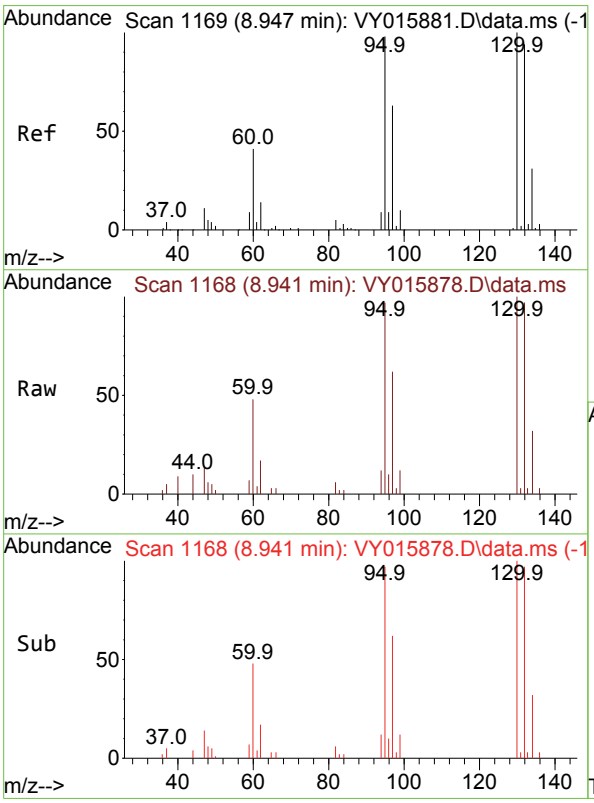
#43
Isopropyl Acetate
Concen: 4.458 ug/l
RT: 8.277 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 13758

Ion	Ratio	Lower	Upper
43	100		
61	27.6	21.1	31.7
87	14.7	9.8	14.8

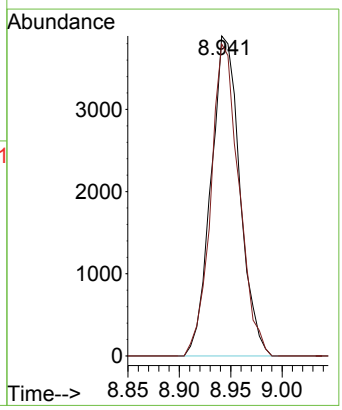


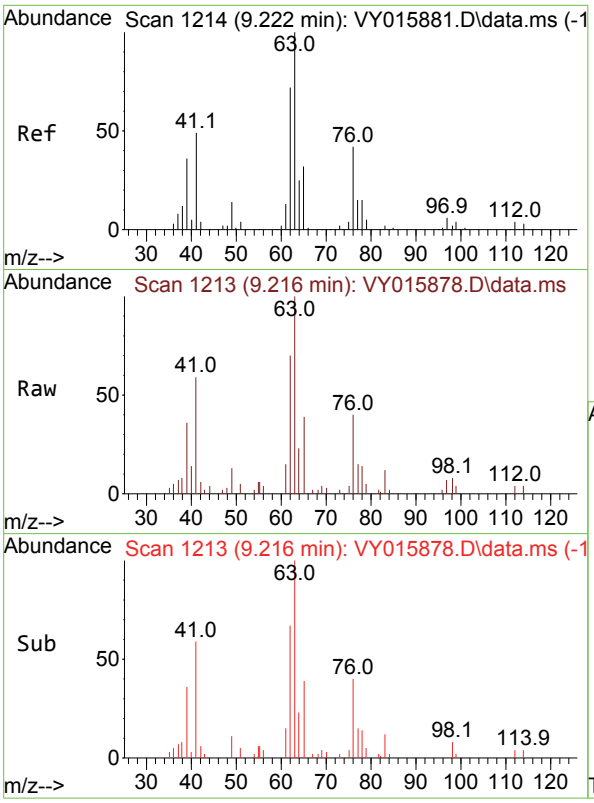


#44
Trichloroethene
Concen: 4.308 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:130 Resp: 7606

Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	196.0



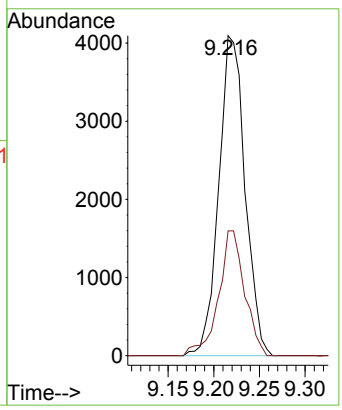


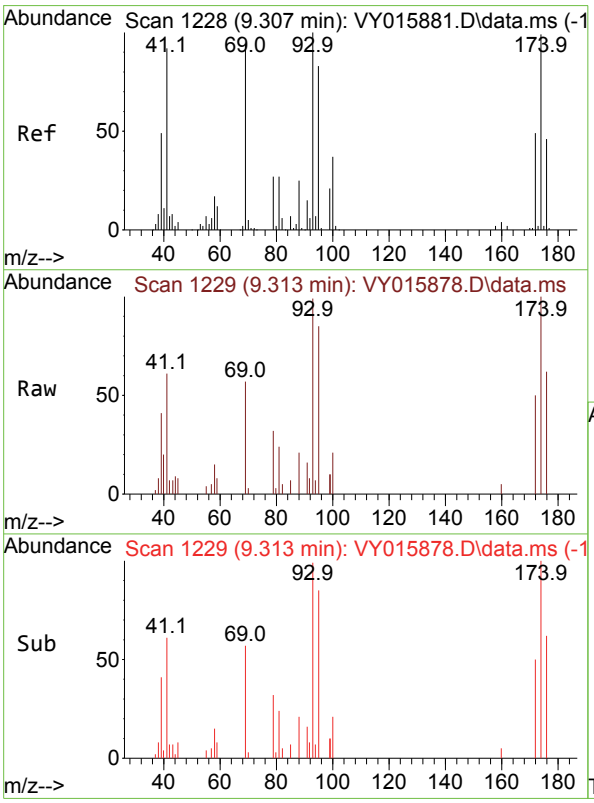
#45
1,2-Dichloropropane
Concen: 4.462 ug/l
RT: 9.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 8189

Ion	Ratio	Lower	Upper
63	100		
65	39.0	23.8	35.6#

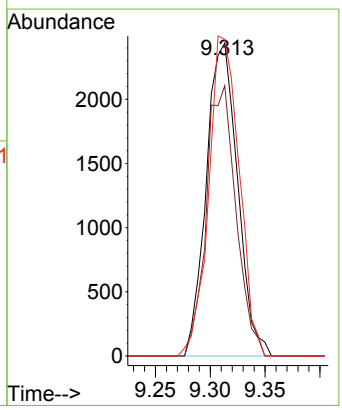


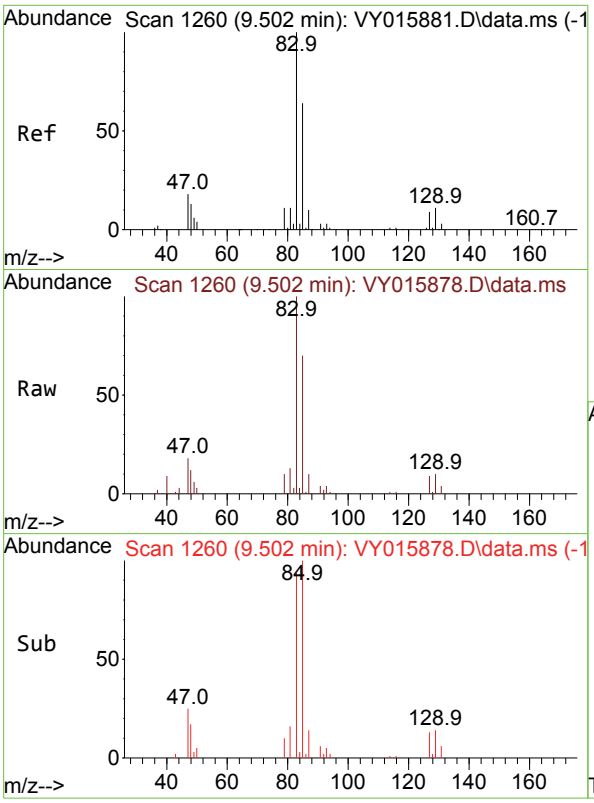


#46
Dibromomethane
Concen: 4.446 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 93 Resp: 4855

Ion	Ratio	Lower	Upper
93	100		
95	81.9	66.6	100.0
174	99.4	84.8	127.2



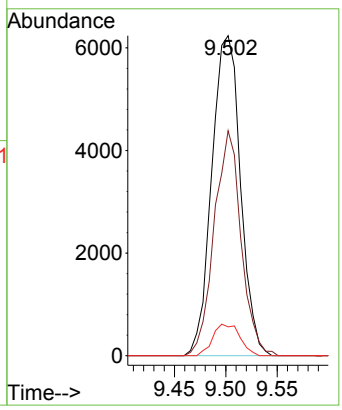


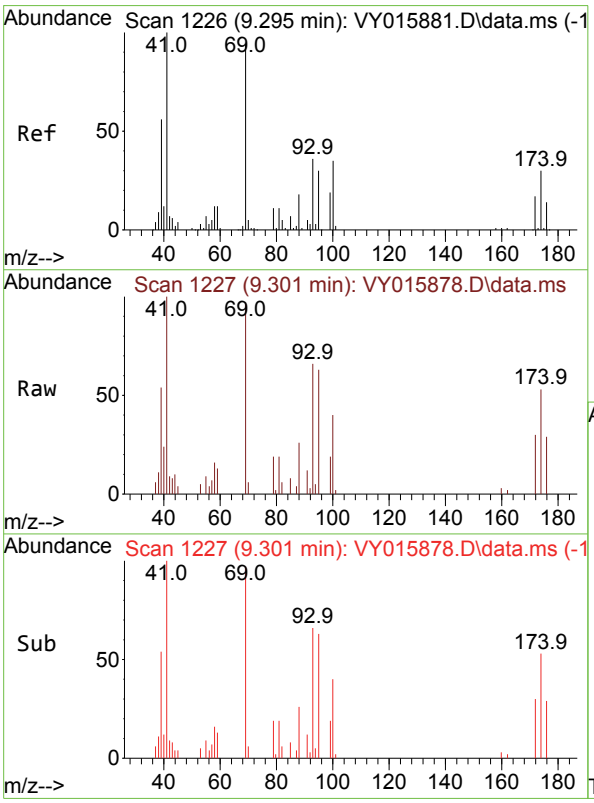
#47
Bromodichloromethane
Concen: 4.453 ug/l
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 12094

Ion	Ratio	Lower	Upper
83	100		
85	70.3	50.1	75.1
127	9.0	7.1	10.7

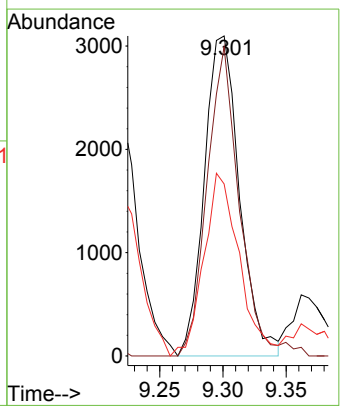


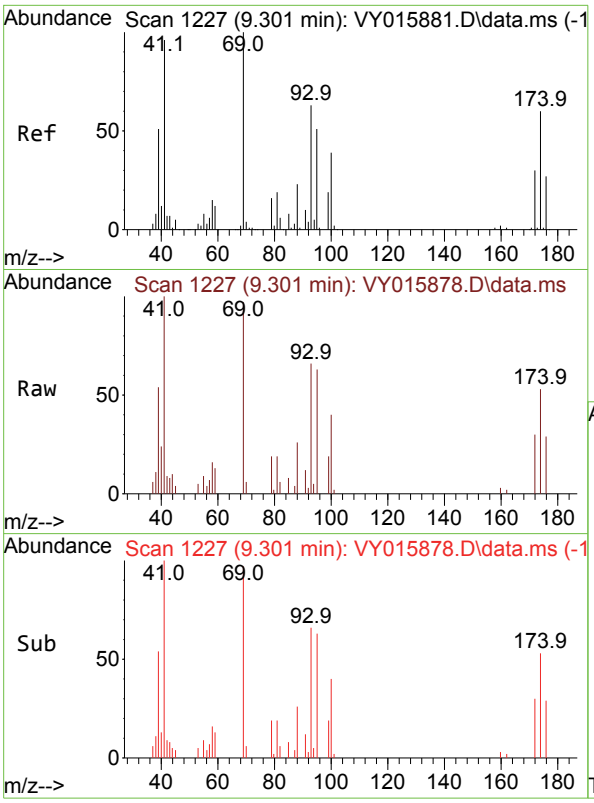


#48
Methyl methacrylate
Concen: 4.398 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 41 Resp: 5994

Ion	Ratio	Lower	Upper
41	100		
69	89.3	64.5	96.7
39	57.5	50.8	76.2



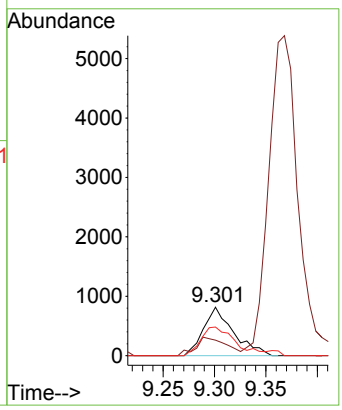


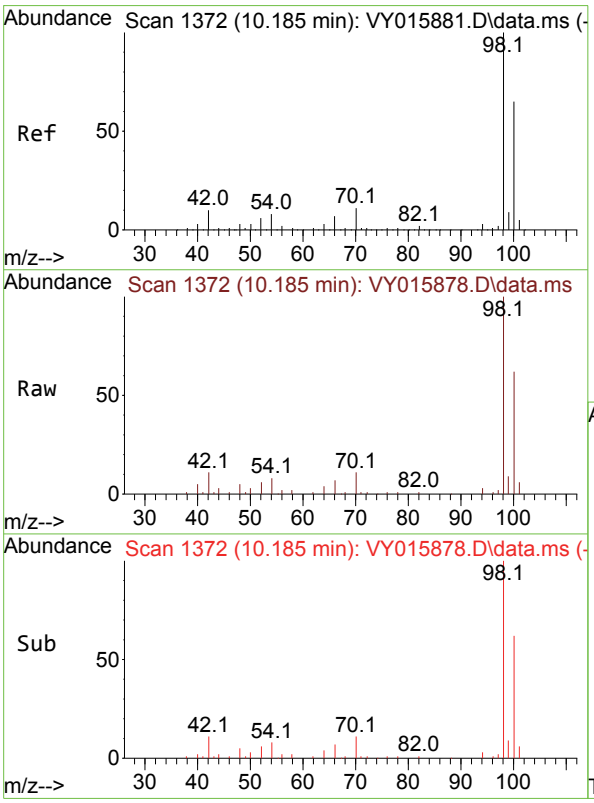
#49
1,4-Dioxane
Concen: 87.287 ug/l
RT: 9.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 1657

Ion	Ratio	Lower	Upper
88	100		
43	38.3	0.0	0.0#
58	70.8	30.9	46.3#

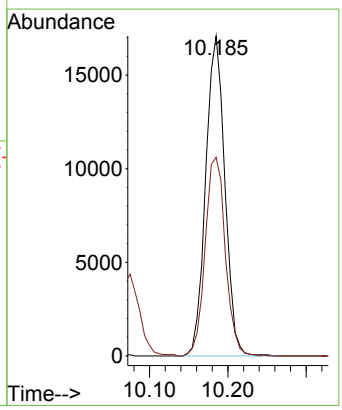


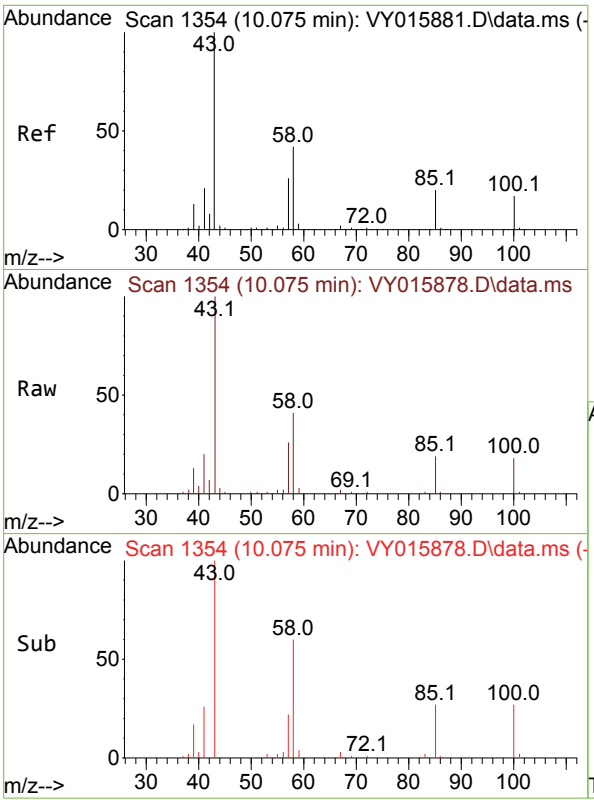


#50
Toluene-d8
Concen: 5.023 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 98 Resp: 29016

Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.1	75.1



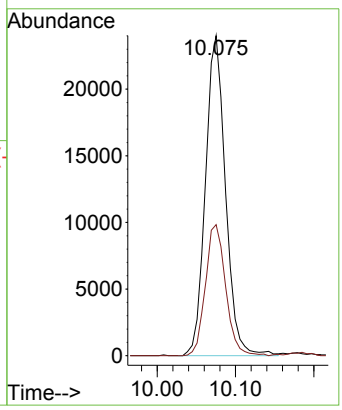


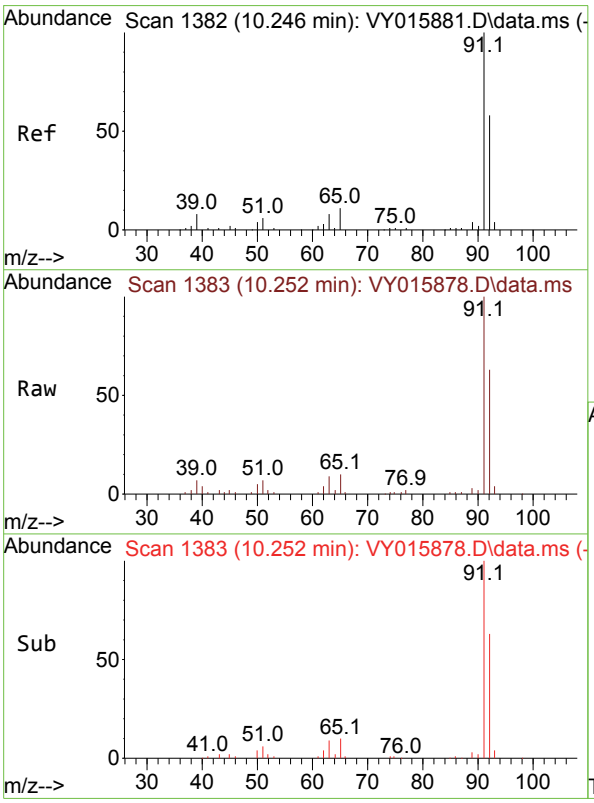
#51
4-Methyl-2-Pentanone
Concen: 23.103 ug/l
RT: 10.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 42659

Ion	Ratio	Lower	Upper
43	100		
58	41.3	29.0	43.6

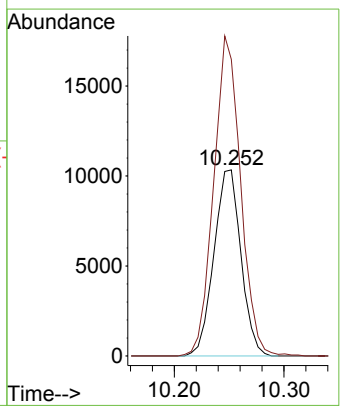


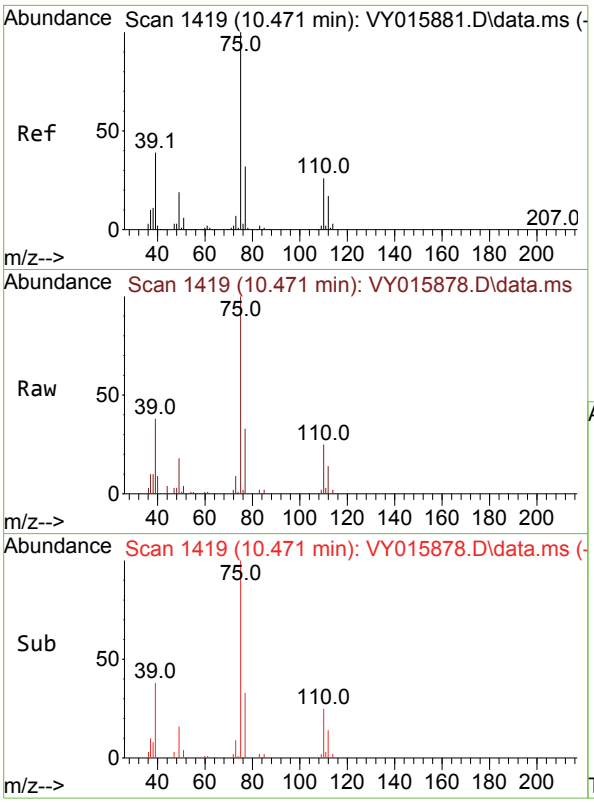


#52
Toluene
Concen: 4.373 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 92 Resp: 17711

Ion	Ratio	Lower	Upper
92	100		
91	171.5	143.8	215.6



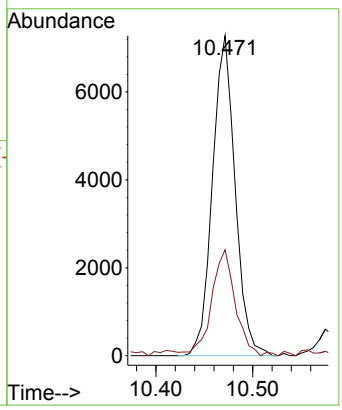


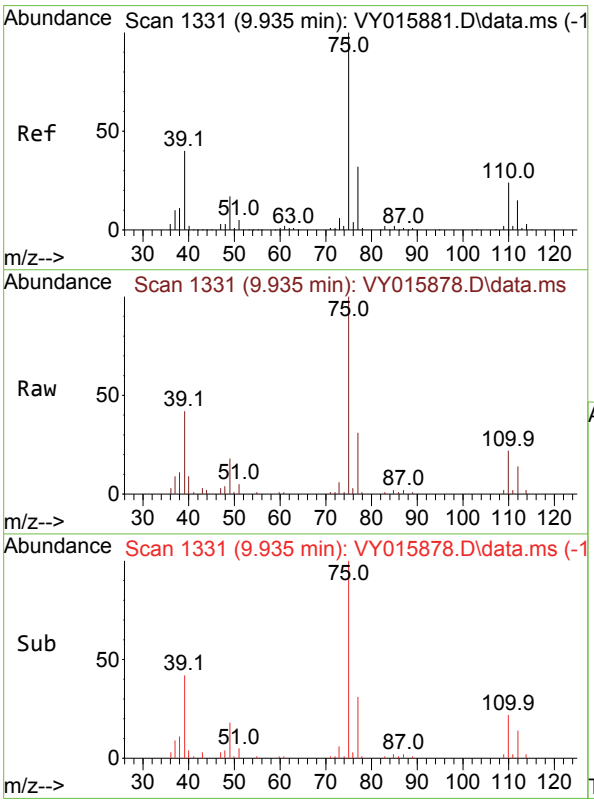
#53
t-1,3-Dichloropropene
Concen: 4.311 ug/l
RT: 10.471 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11837

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.0	37.4

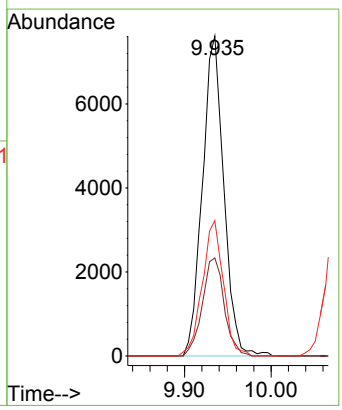


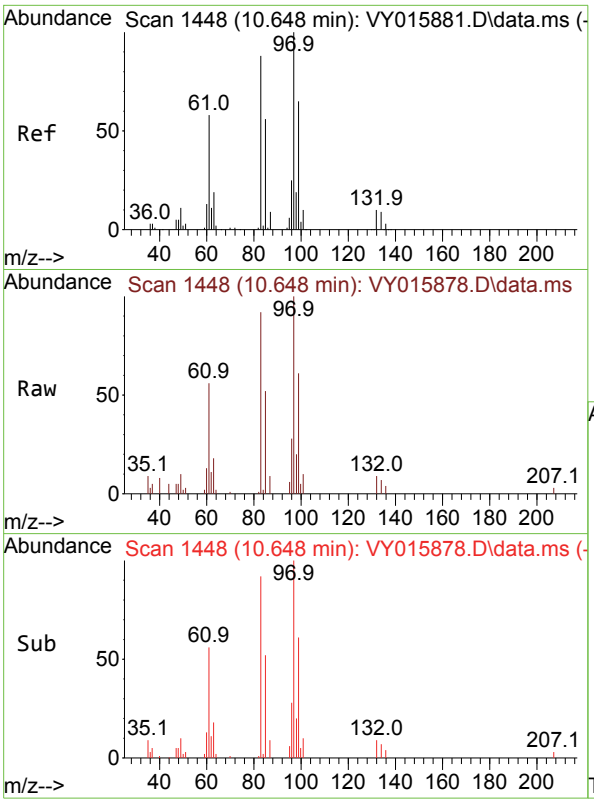


#54
cis-1,3-Dichloropropene
Concen: 4.377 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 75 Resp: 13055

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.2	36.4
39	42.3	42.2	63.4



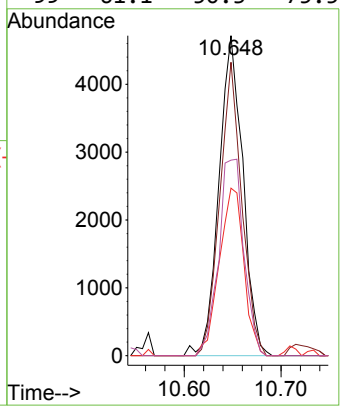


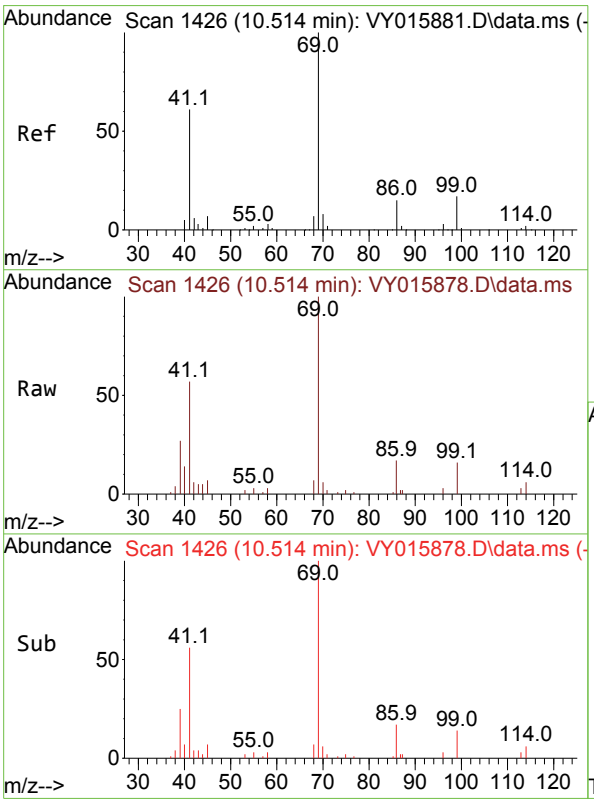
#55
1,1,2-Trichloroethane
Concen: 4.649 ug/l
RT: 10.648 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 8084

Ion	Ratio	Lower	Upper
97	100		
83	91.7	72.0	108.0
85	52.4	45.4	68.0
99	61.1	50.3	75.5

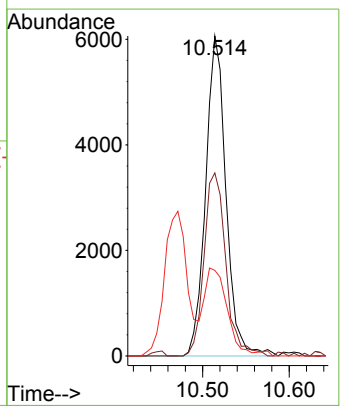


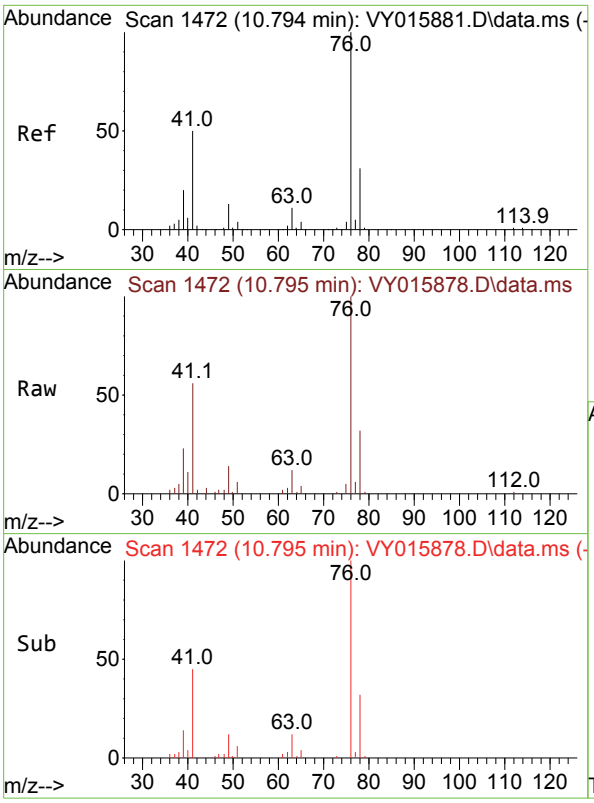


#56
Ethyl methacrylate
Concen: 4.196 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 69 Resp: 9906

Ion	Ratio	Lower	Upper
69	100		
41	61.1	57.6	86.4
39	28.2	34.1	51.1#



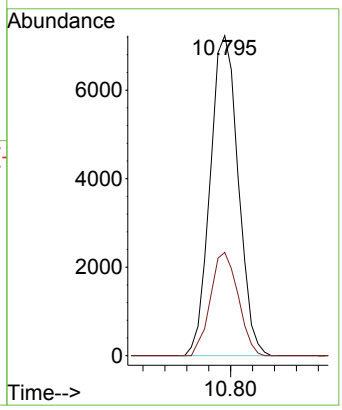


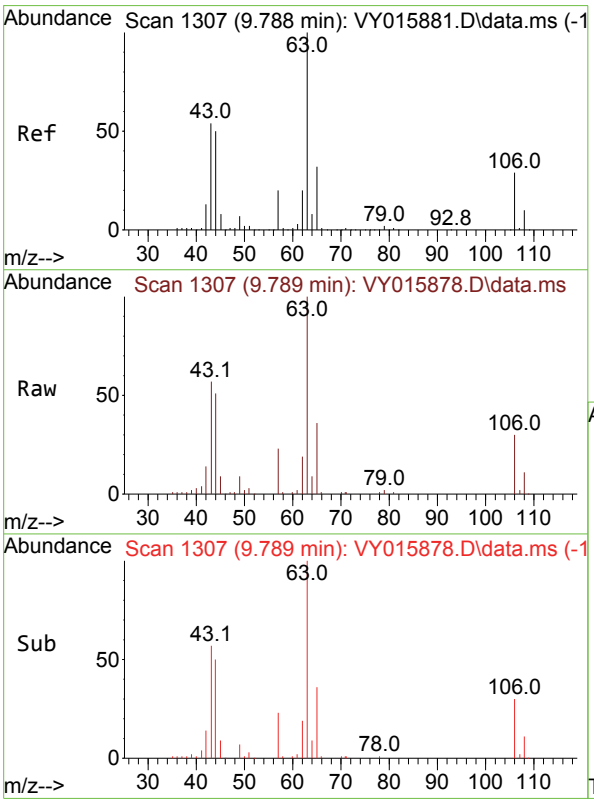
#57
1,3-Dichloropropane
Concen: 4.587 ug/l
RT: 10.795 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 12860

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.3	37.9

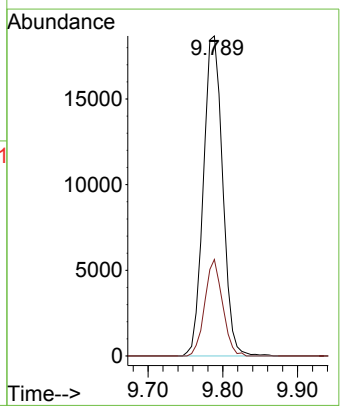


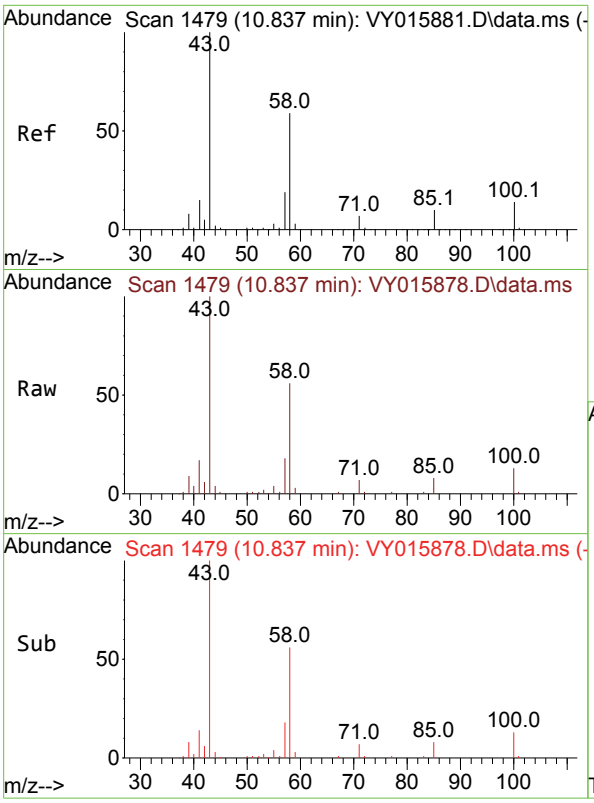


#58
2-Chloroethyl Vinyl ether
Concen: 23.224 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 63 Resp: 33416

Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.2	31.8



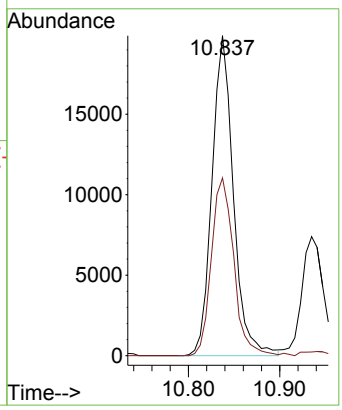


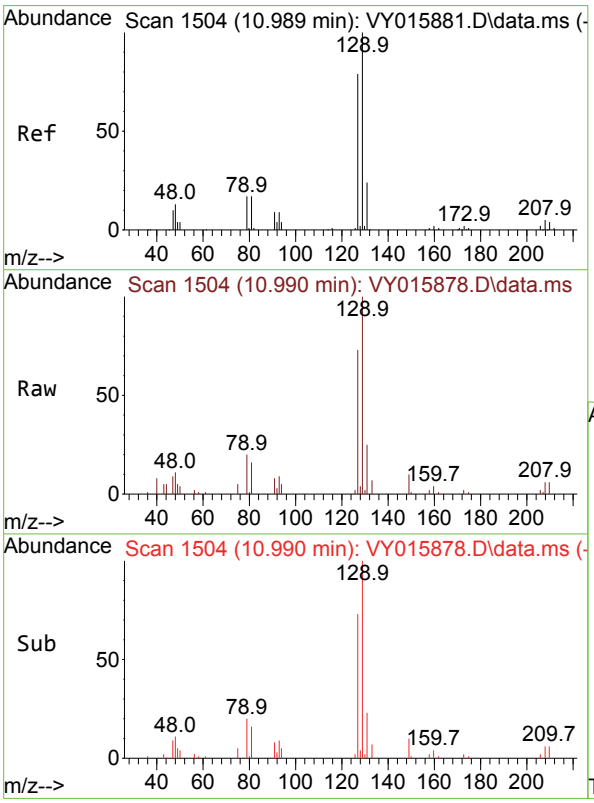
#59
2-Hexanone
Concen: 23.175 ug/l
RT: 10.837 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 32375

Ion	Ratio	Lower	Upper
43	100		
58	58.1	25.1	75.3

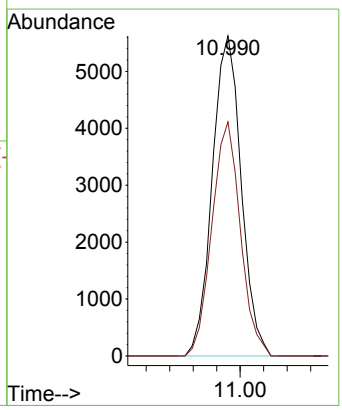


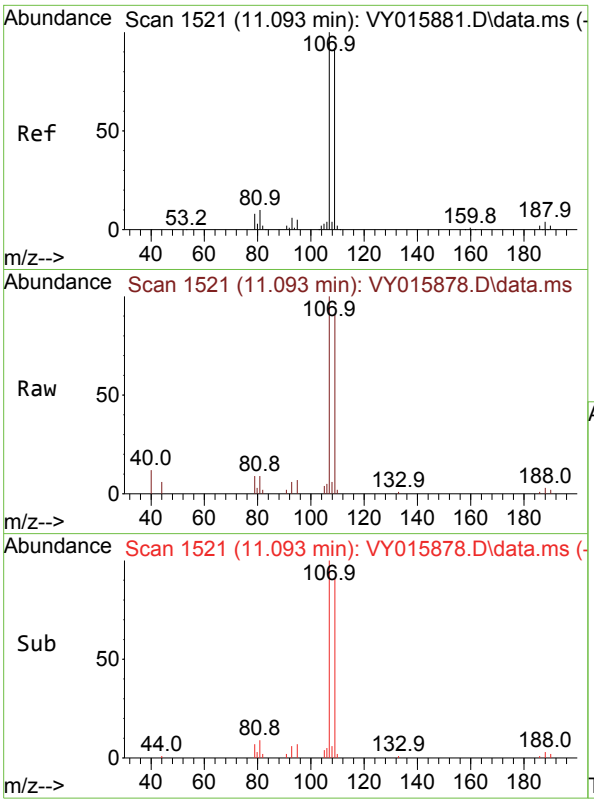


#60
Dibromochloromethane
Concen: 4.608 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:129 Resp: 9606

Ion	Ratio	Lower	Upper
129	100		
127	72.1	38.5	115.5



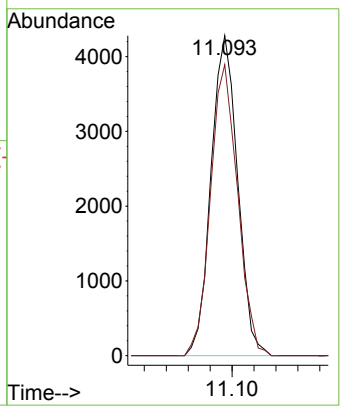


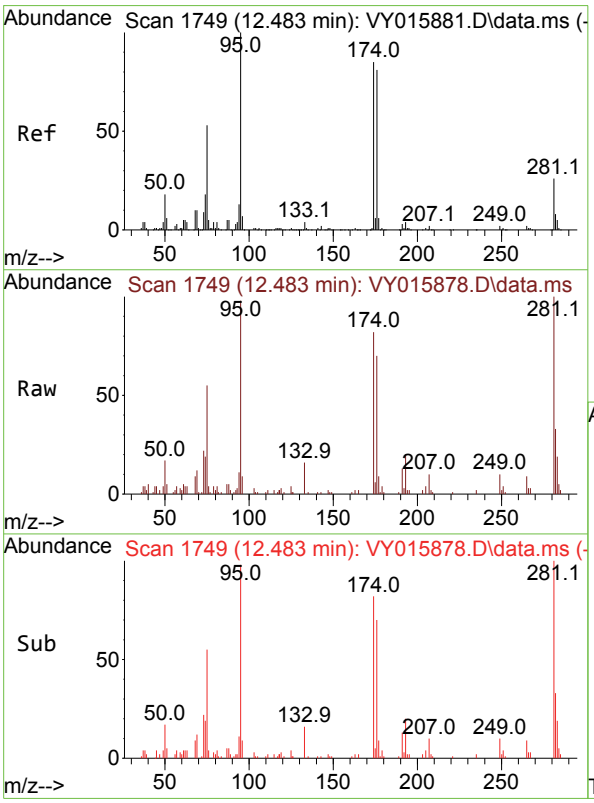
#61
1,2-Dibromoethane
Concen: 4.549 ug/l
RT: 11.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 7224

Ion	Ratio	Lower	Upper
107	100		
109	92.6	75.6	113.4

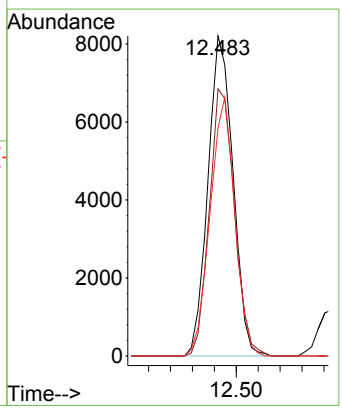


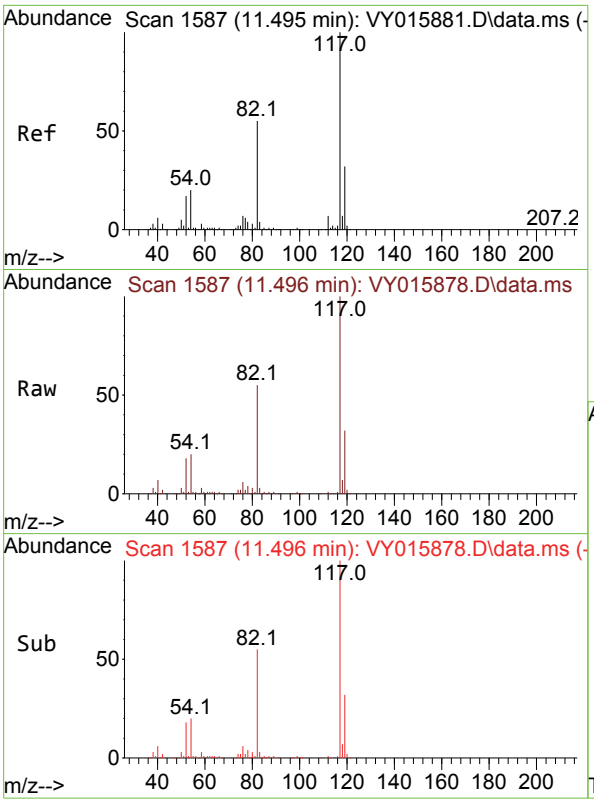


#62
4-Bromofluorobenzene
Concen: 5.542 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 95 Resp: 13003

Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	178.2
176	79.9	0.0	173.8



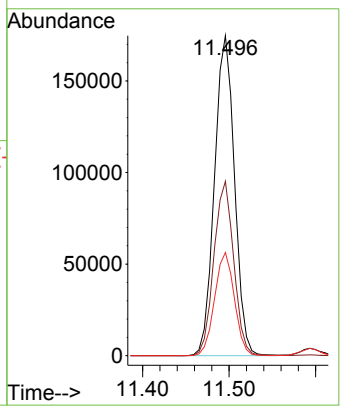


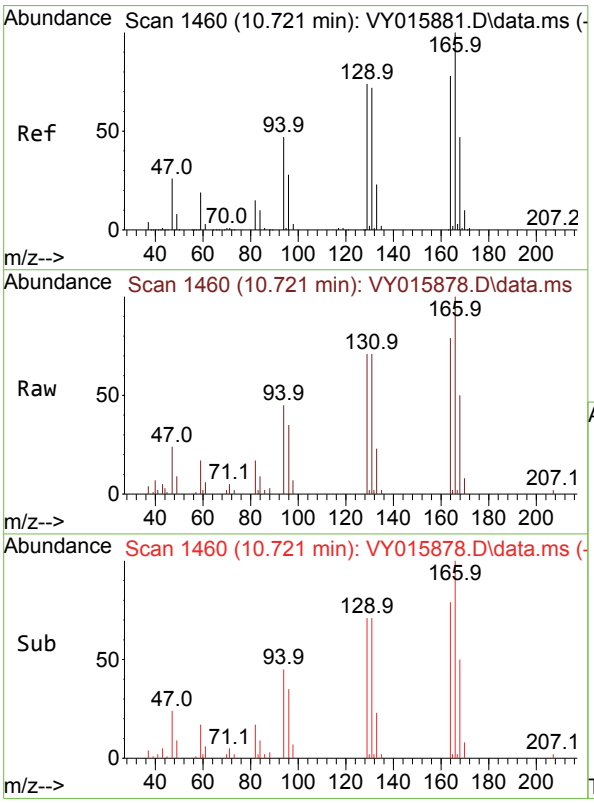
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 280573

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.0
119	32.3	26.3	39.5

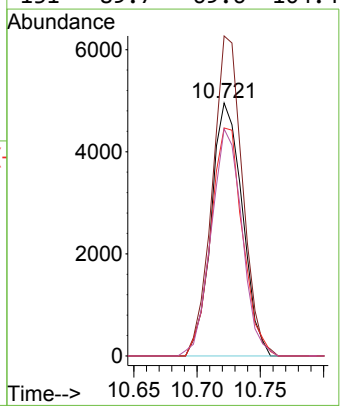


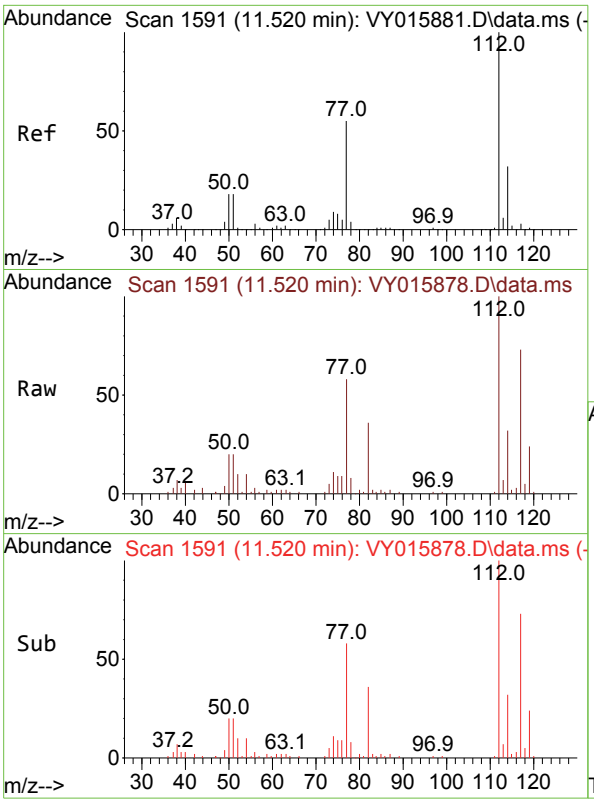


#64
Tetrachloroethene
Concen: 4.615 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:164 Resp: 8451

Ion	Ratio	Lower	Upper
164	100		
166	126.5	103.0	154.6
129	90.2	77.2	115.8
131	89.7	69.6	104.4



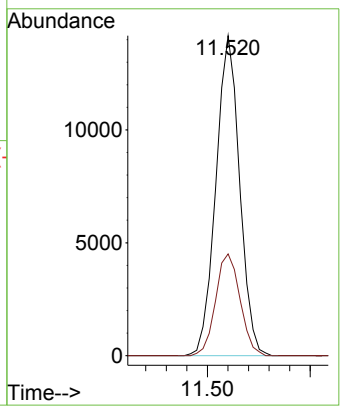


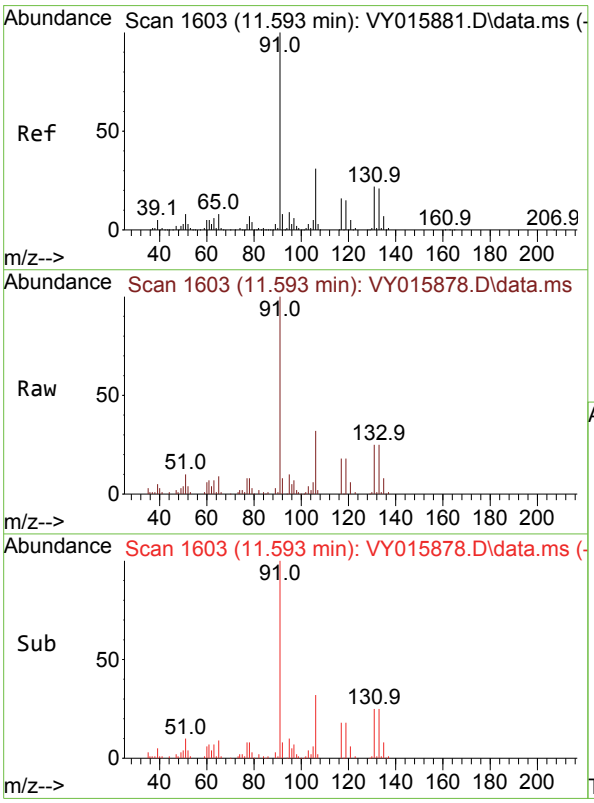
#65
Chlorobenzene
Concen: 4.633 ug/l
RT: 11.520 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:112 Resp: 22674

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.5	38.3

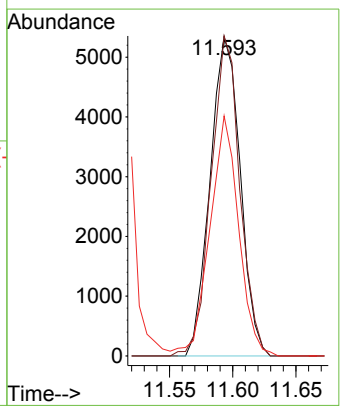


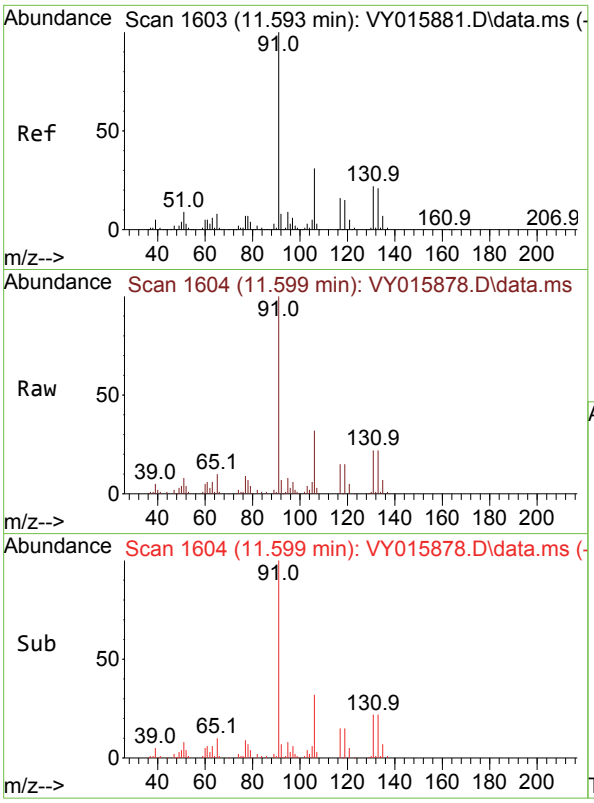


#66
1,1,1,2-Tetrachloroethane
Concen: 4.427 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:131 Resp: 8855

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.5	142.6
119	71.6	31.6	94.7



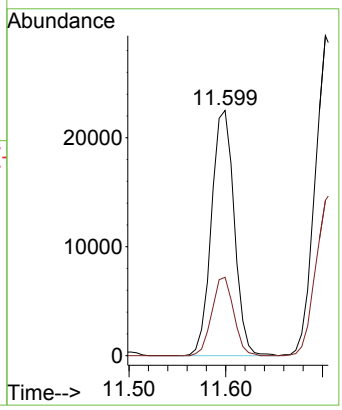


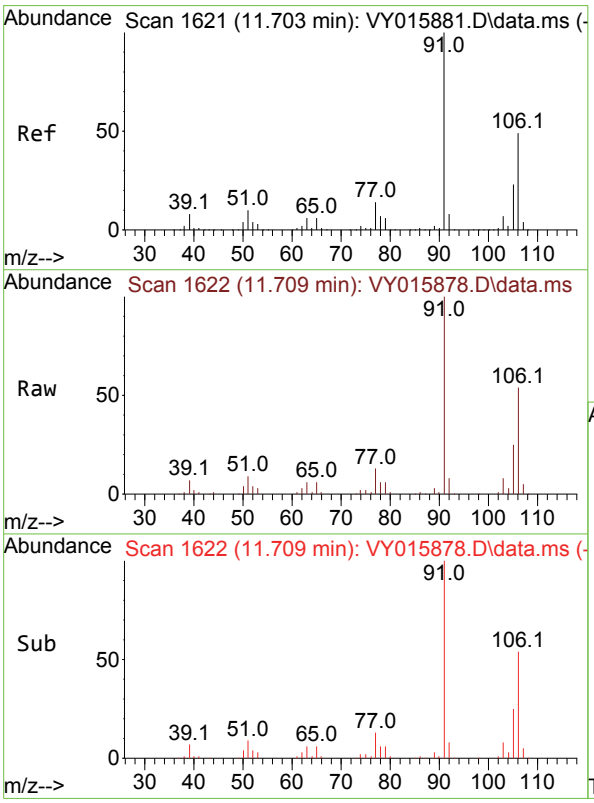
#67
Ethyl Benzene
Concen: 4.385 ug/l
RT: 11.599 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 36820

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.6	36.8

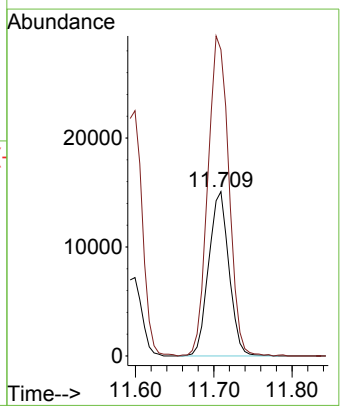


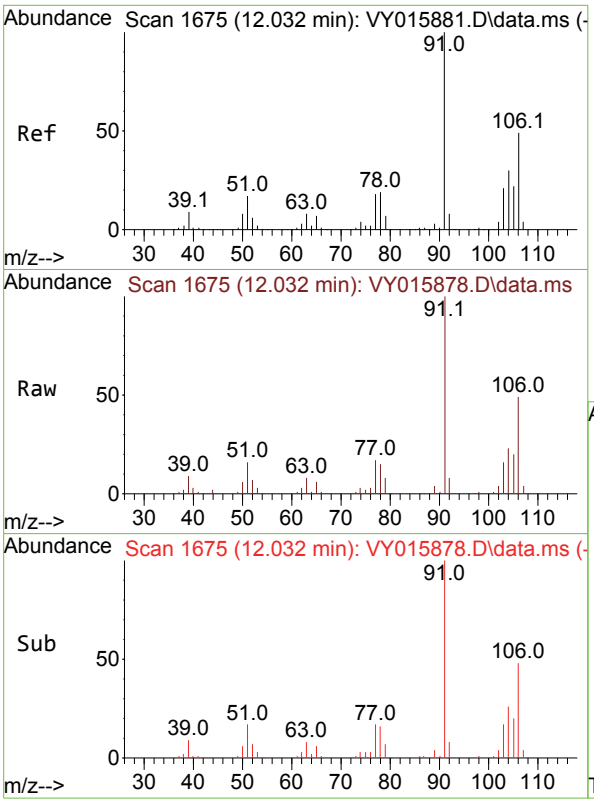


#68
m/p-Xylenes
Concen: 8.569 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:106 Resp: 27109

Ion	Ratio	Lower	Upper
106	100		
91	201.3	166.1	249.1



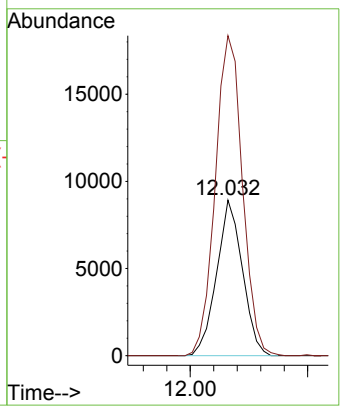


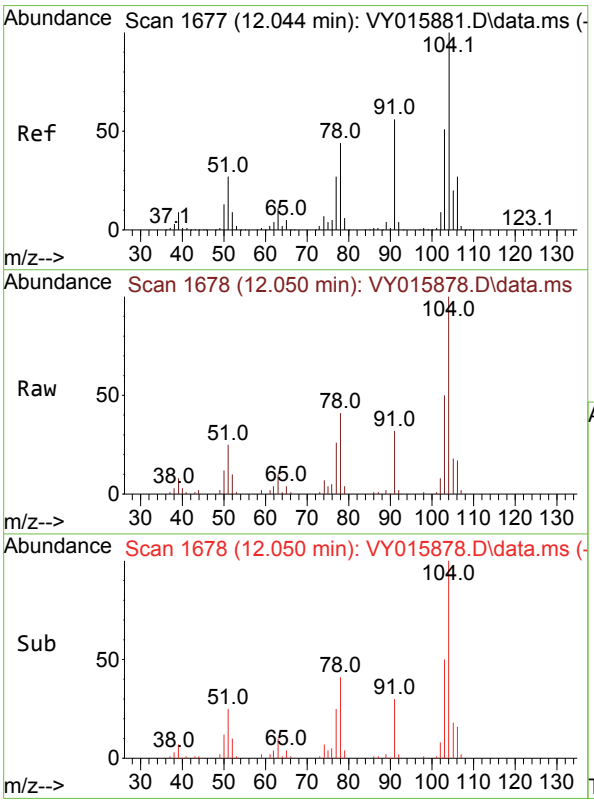
#69
o-Xylene
Concen: 4.301 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 13615

Ion	Ratio	Lower	Upper
106	100		
91	216.8	108.1	324.3

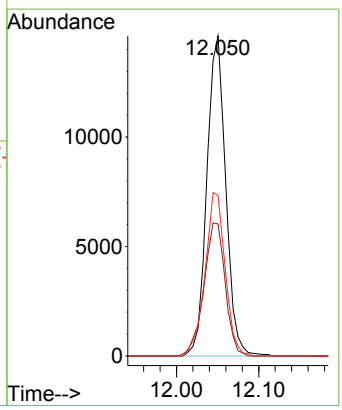


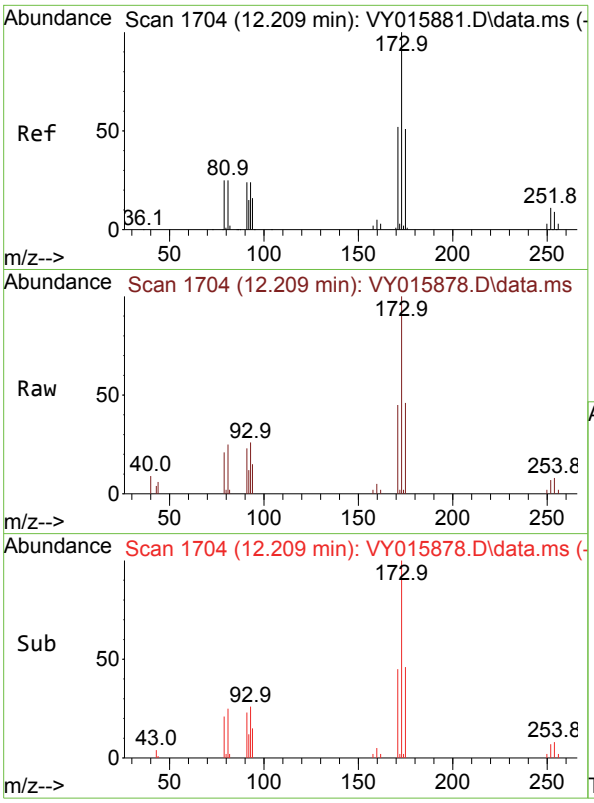


#70
Styrene
Concen: 4.220 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:104 Resp: 23308

Ion	Ratio	Lower	Upper
104	100		
78	46.8	41.5	62.3
103	54.5	44.6	67.0



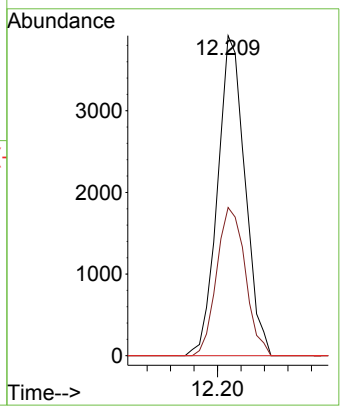


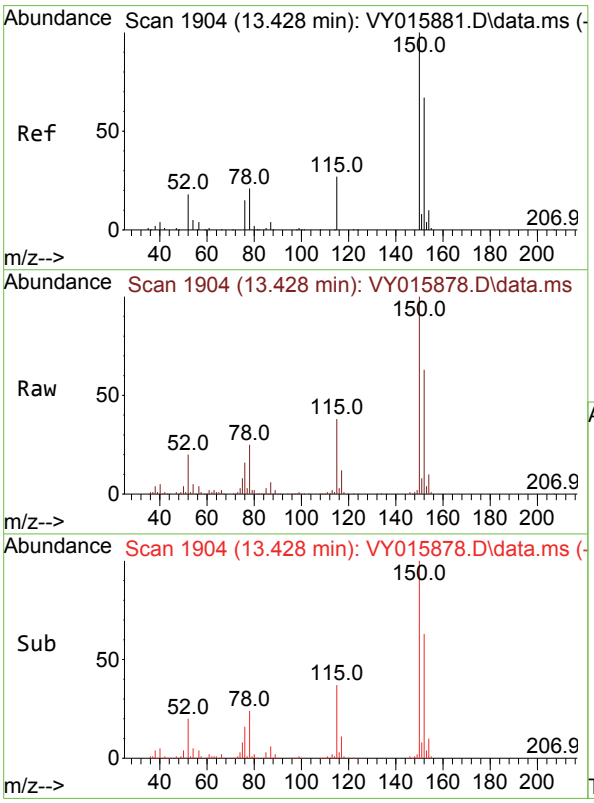
#71
Bromoform
Concen: 4.562 ug/l
RT: 12.209 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:173 Resp: 6354

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.0	0.2	0.2#

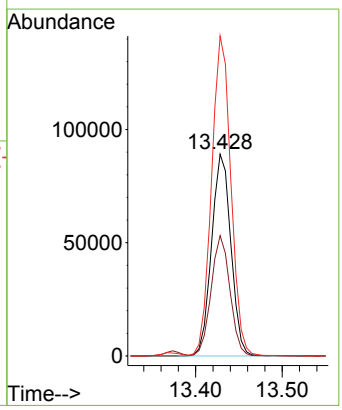


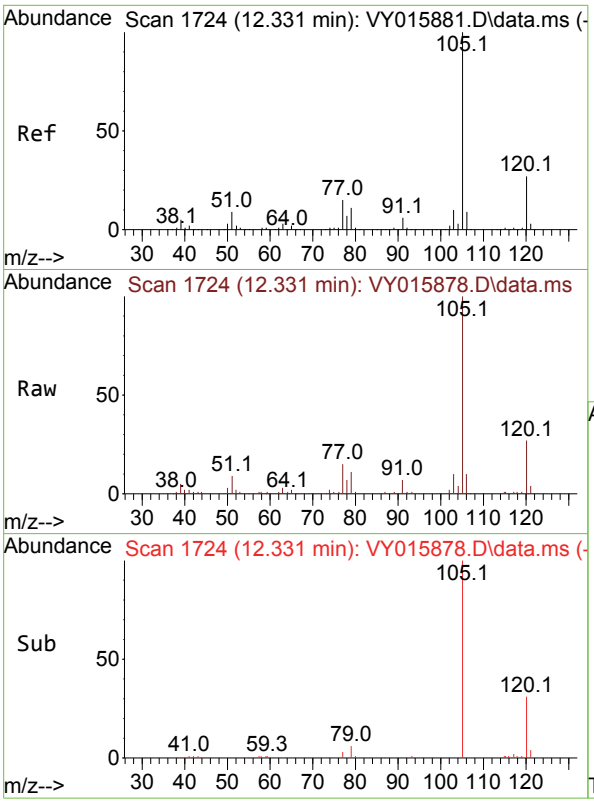


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:152 Resp: 138142

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.8	86.5
150	158.1	0.0	348.8



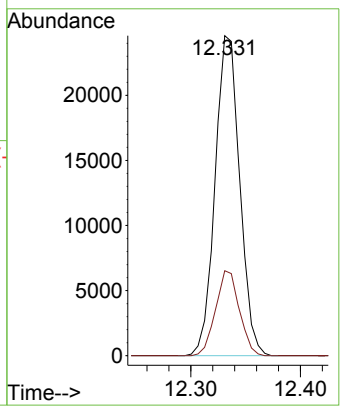


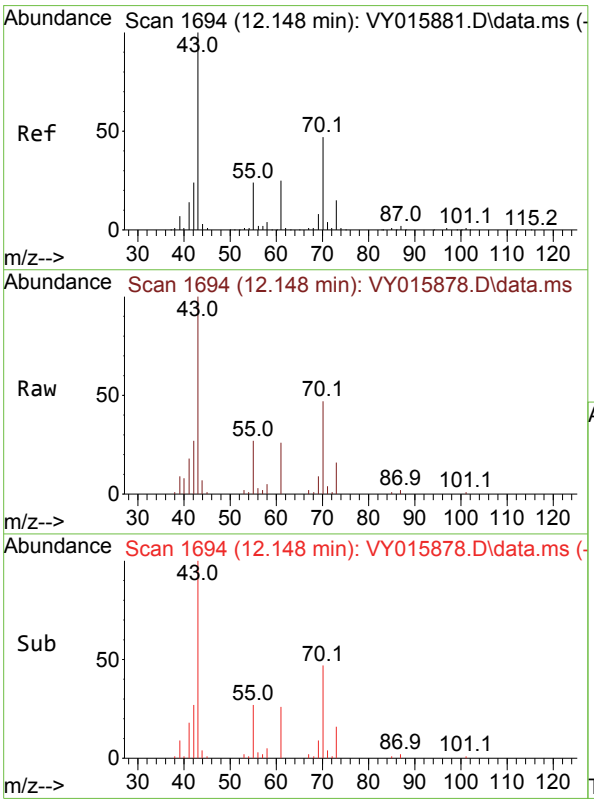
#73
Isopropylbenzene
Concen: 4.402 ug/l
RT: 12.331 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 38359

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.3	39.9

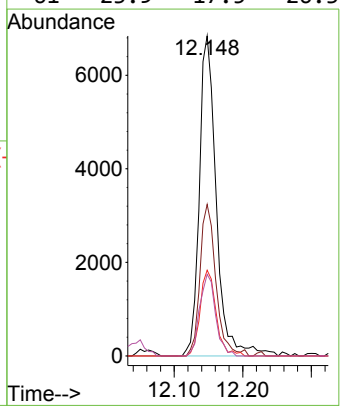


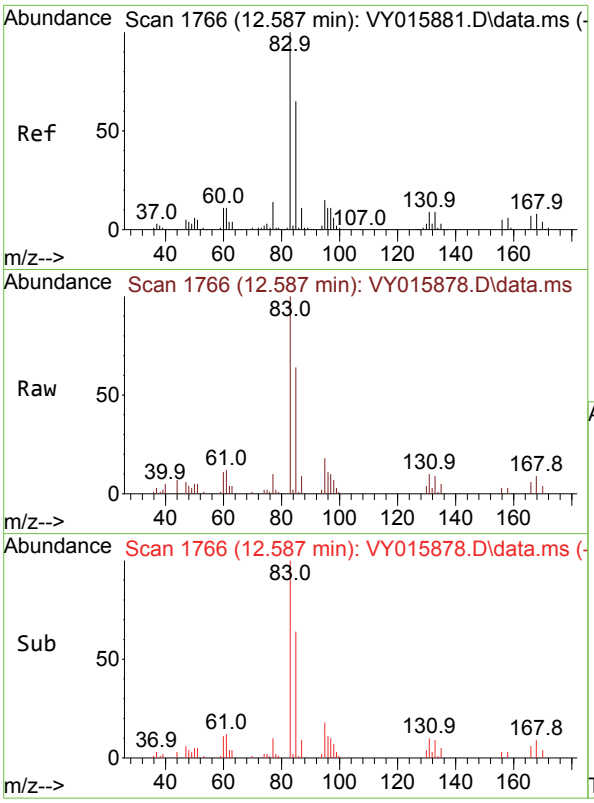


#74
N-amyl acetate
Concen: 4.301 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 43 Resp: 11811

Ion	Ratio	Lower	Upper
43	100		
70	44.5	29.7	44.5#
55	25.2	18.3	27.5
61	23.9	17.5	26.3



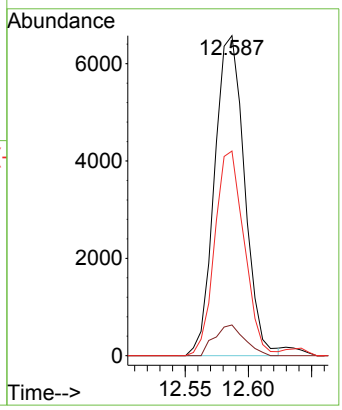


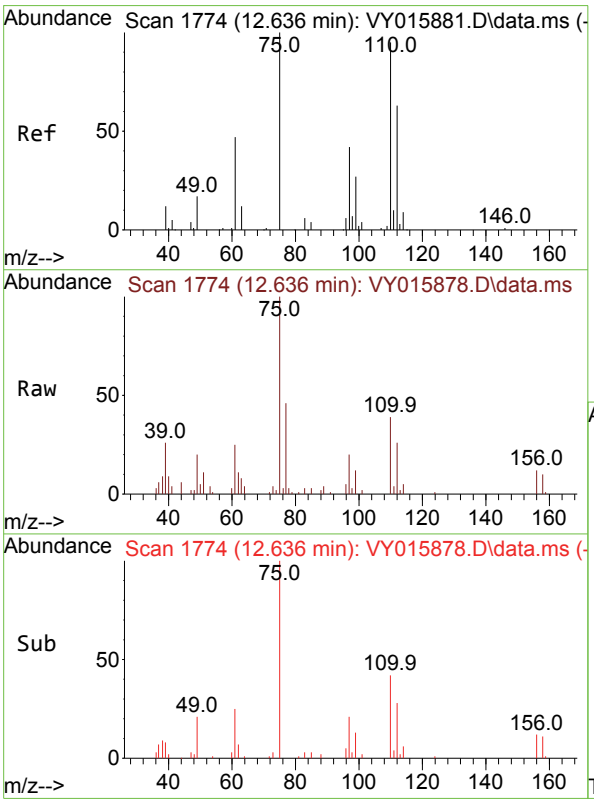
#75
1,1,2,2-Tetrachloroethane
Concen: 4.797 ug/l
RT: 12.587 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 10838

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.4	16.2
85	63.0	31.8	95.4

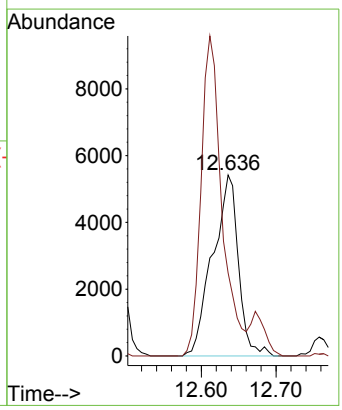


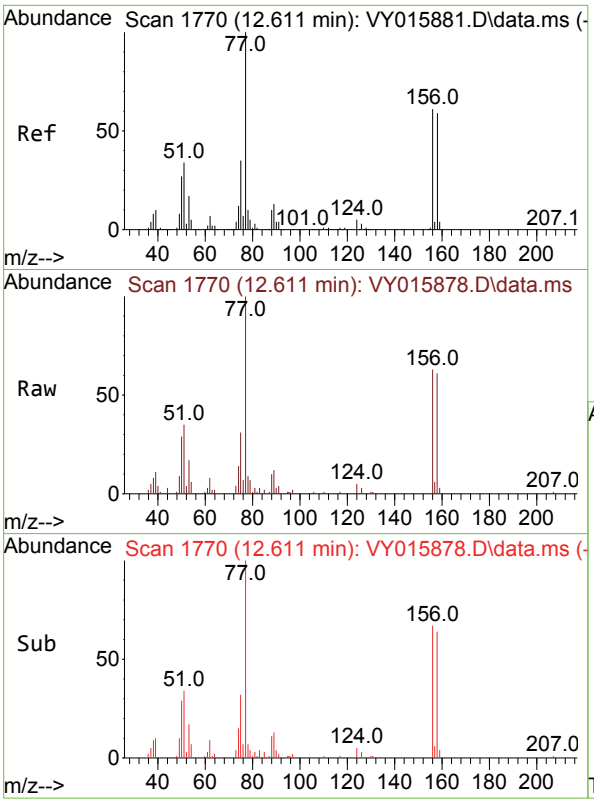


#76
1,2,3-Trichloropropane
Concen: 7.796 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 75 Resp: 12956

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



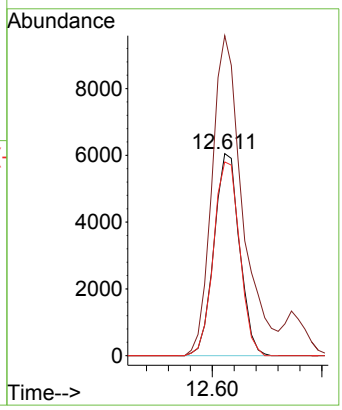


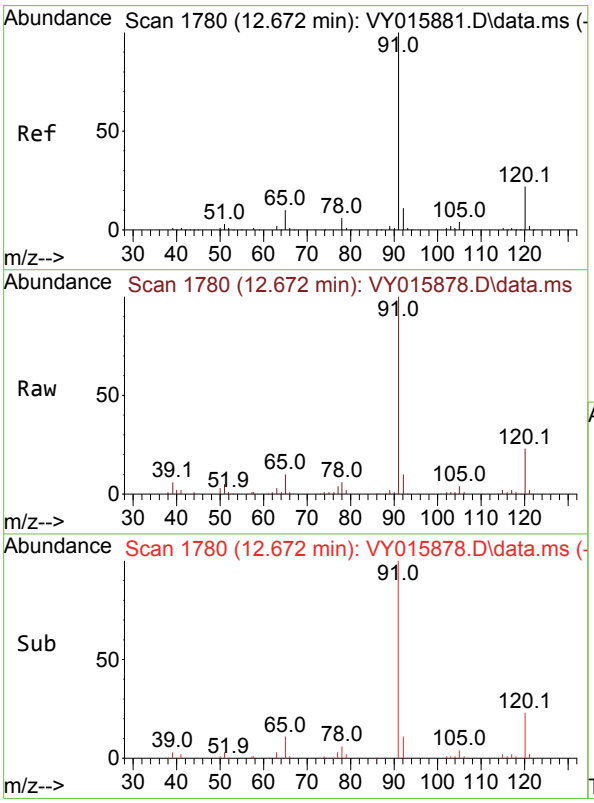
#77
Bromobenzene
Concen: 4.585 ug/l
RT: 12.611 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 9798

Ion	Ratio	Lower	Upper
156	100		
77	189.5	92.8	278.6
158	98.0	48.4	145.3

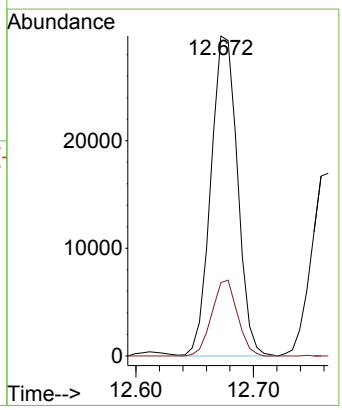


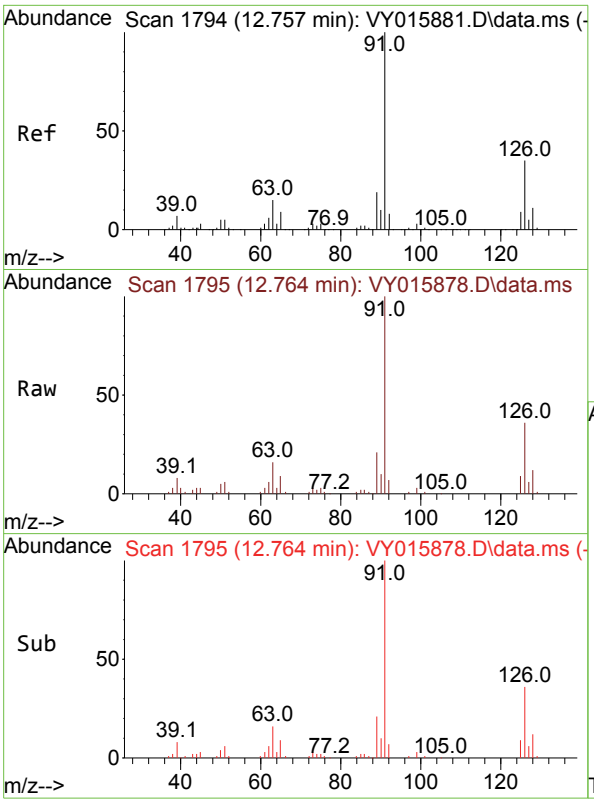


#78
n-propylbenzene
Concen: 4.468 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 91 Resp: 46823

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.5	34.4



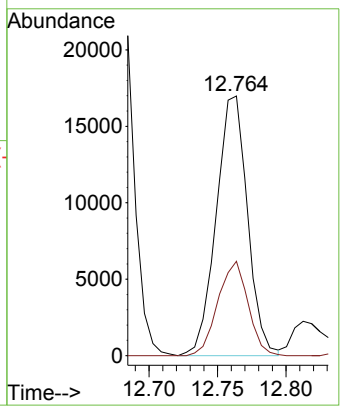


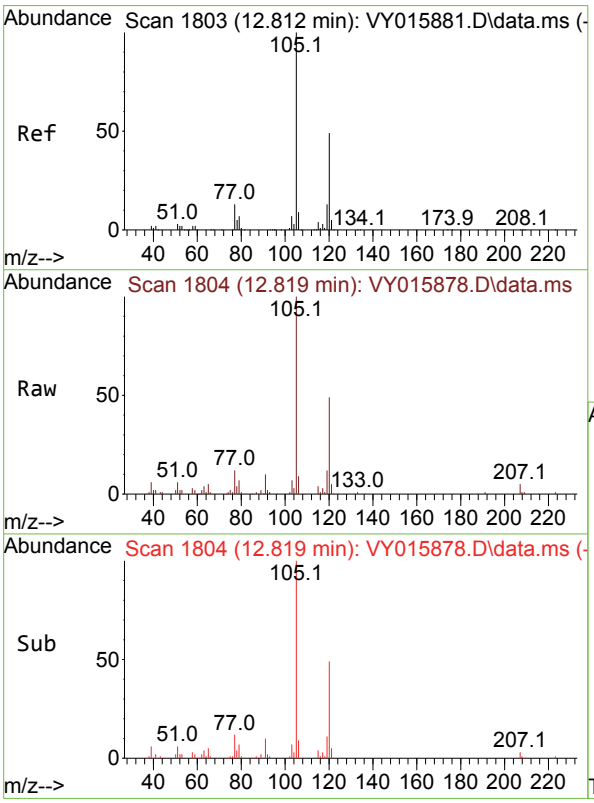
#79
2-Chlorotoluene
Concen: 4.531 ug/l
RT: 12.764 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 27047

Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.3	51.7

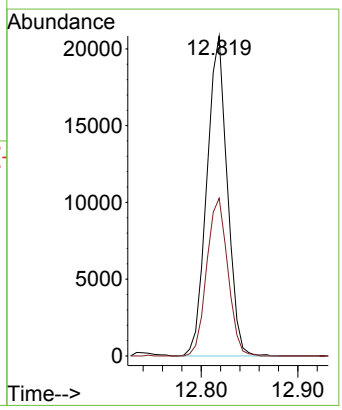


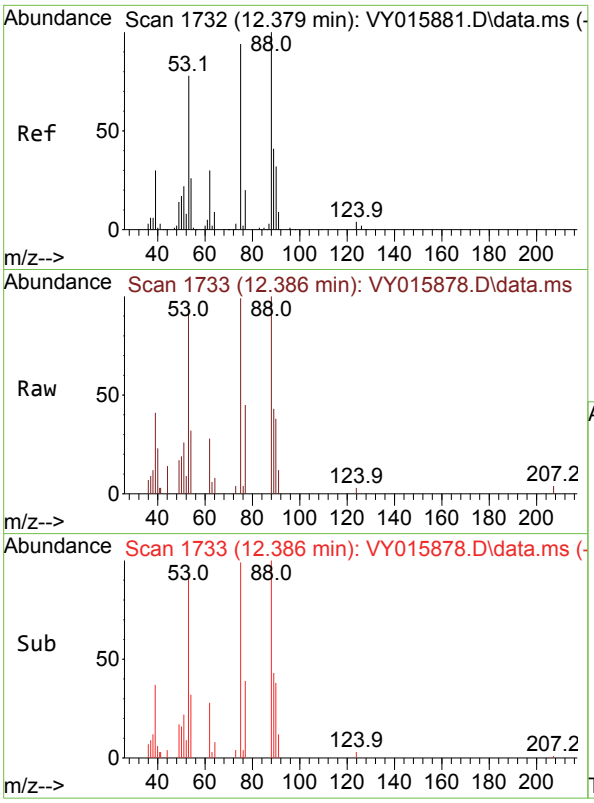


#80
1,3,5-Trimethylbenzene
Concen: 4.250 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:105 Resp: 30523

Ion	Ratio	Lower	Upper
105	100		
120	50.8	23.9	71.7



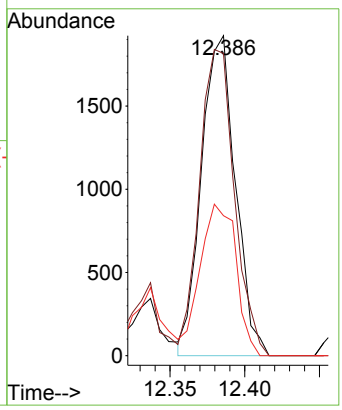


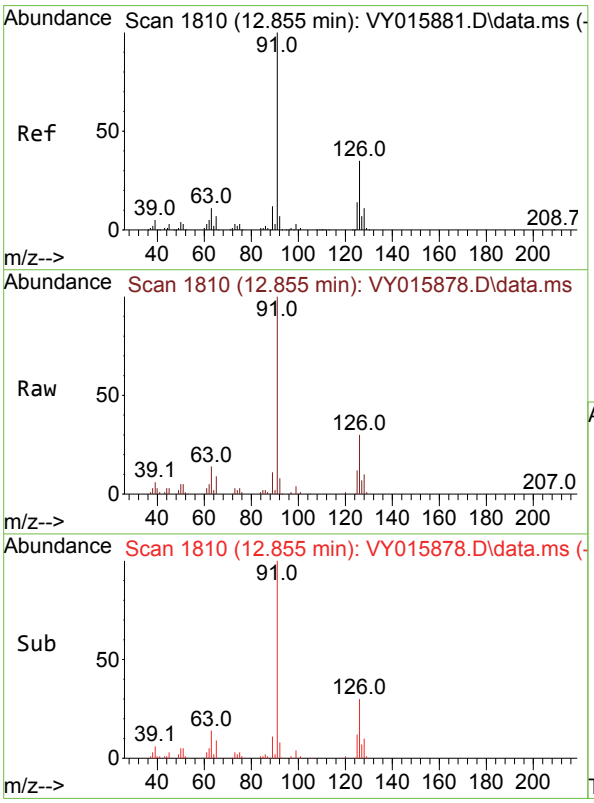
#81
trans-1,4-Dichloro-2-butene
Concen: 4.175 ug/l
RT: 12.386 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3036

Ion	Ratio	Lower	Upper
75	100		
53	98.2	77.8	116.8
89	50.2	37.4	56.0

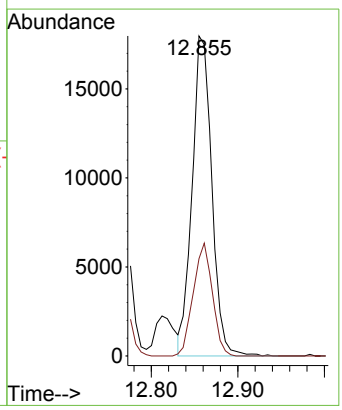


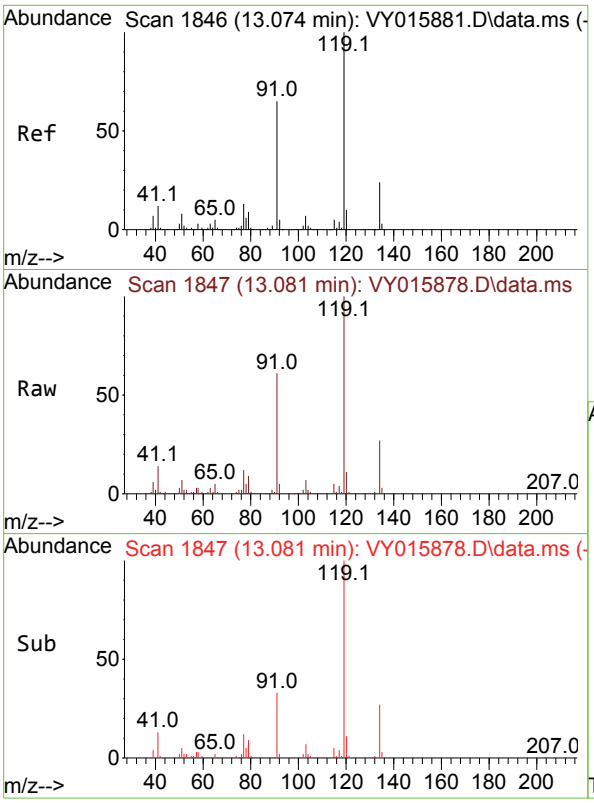


#82
4-Chlorotoluene
Concen: 4.566 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 91 Resp: 28404

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.2	51.6



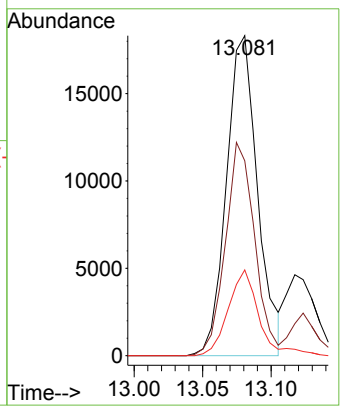


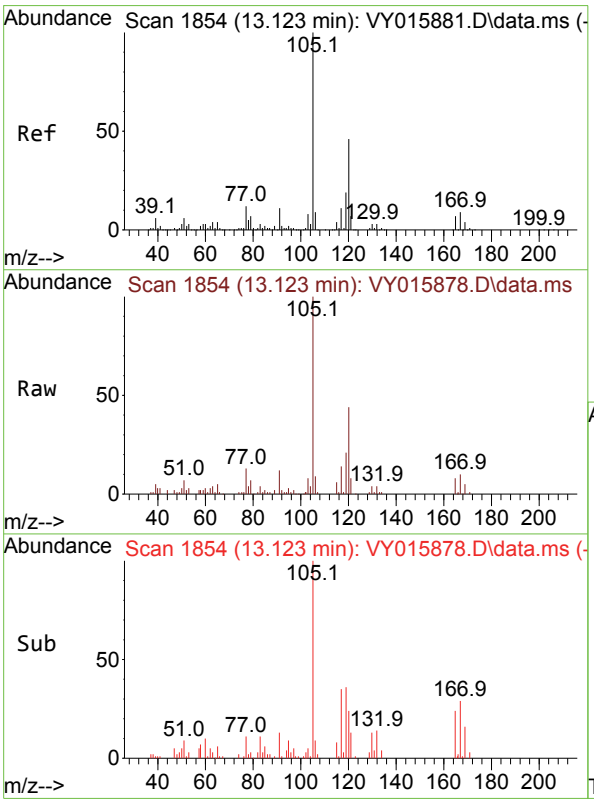
#83
tert-Butylbenzene
Concen: 4.335 ug/l
RT: 13.081 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:119 Resp: 29054

Ion	Ratio	Lower	Upper
119	100		
91	62.5	32.9	98.6
134	26.4	13.0	38.9

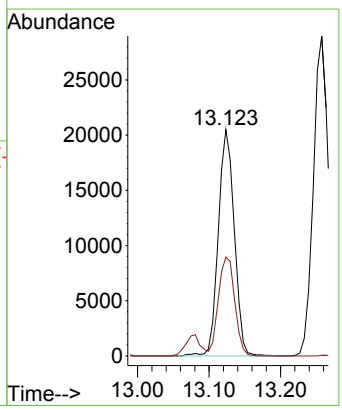


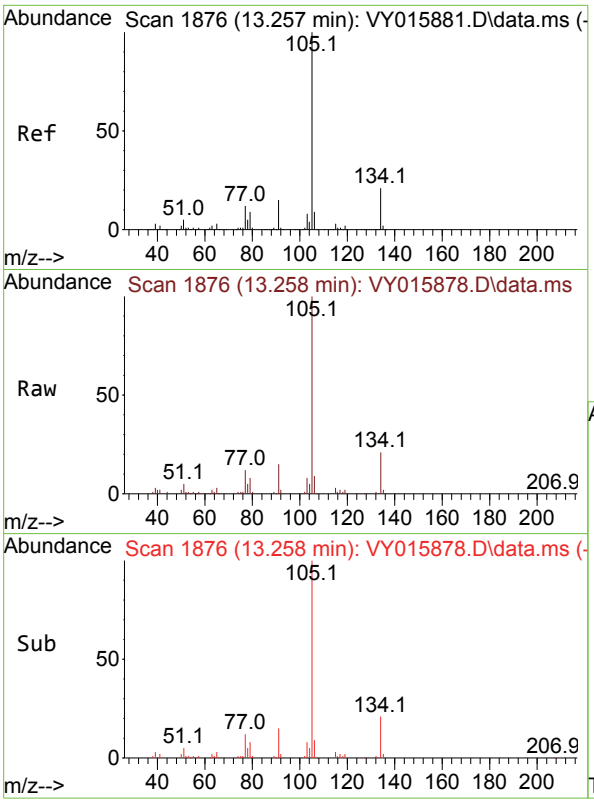


#84
1,2,4-Trimethylbenzene
Concen: 4.400 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:105 Resp: 31827

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.2	66.6



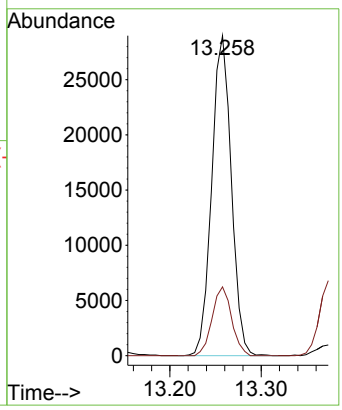


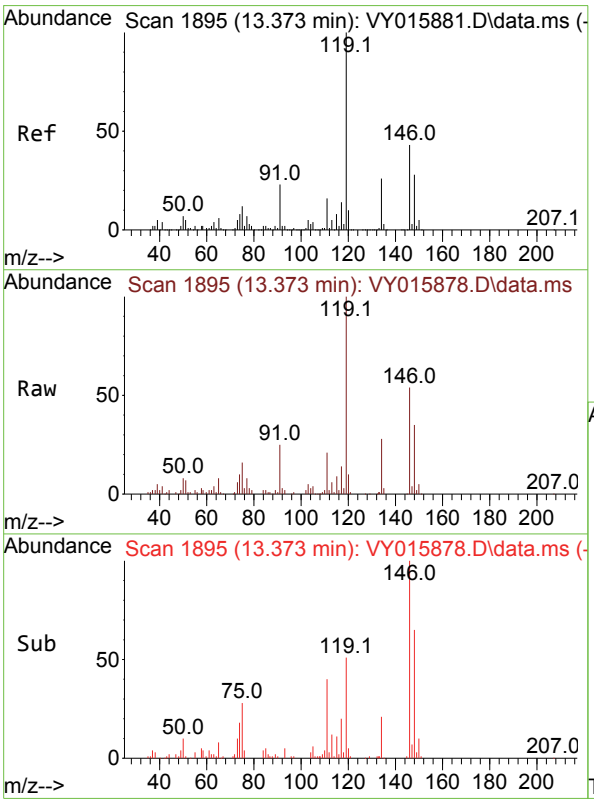
#85
sec-Butylbenzene
Concen: 4.380 ug/l
RT: 13.258 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 43051

Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.2	30.6

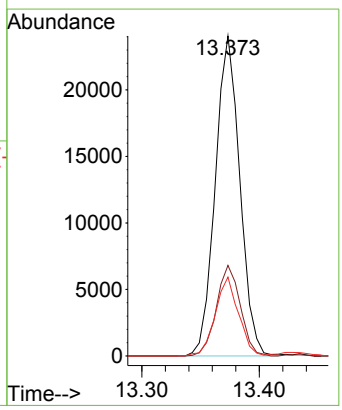


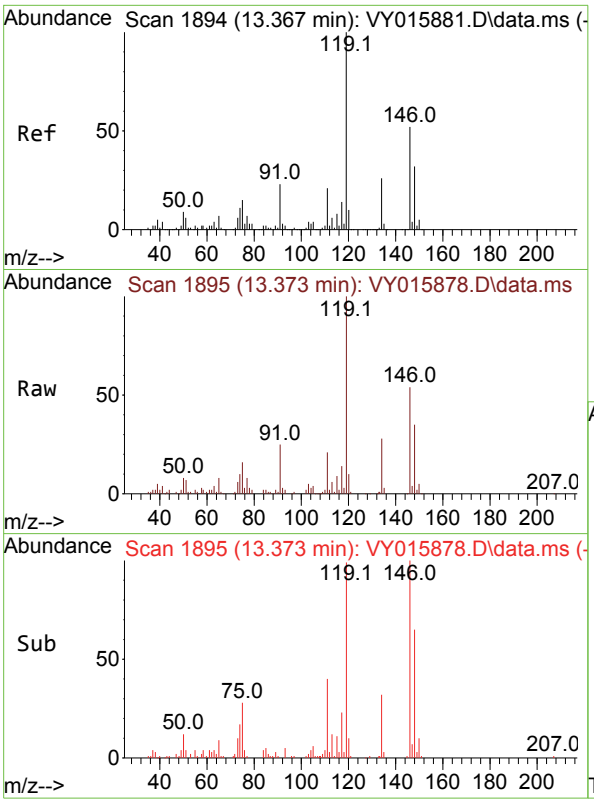


#86
p-Isopropyltoluene
Concen: 4.300 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:119 Resp: 34964

Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.3	39.8
91	23.2	12.4	37.4



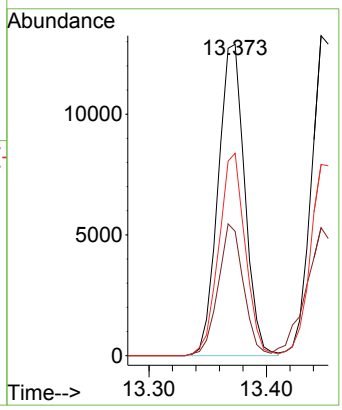


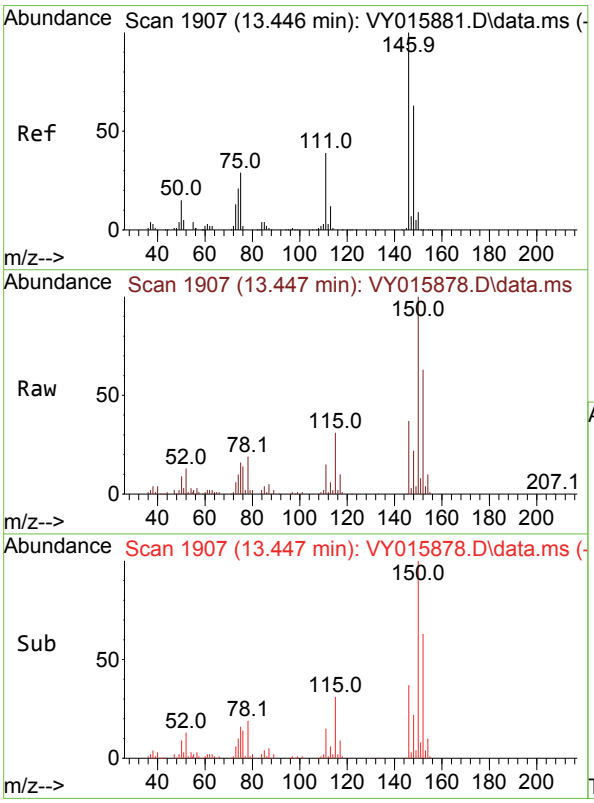
#87
1,3-Dichlorobenzene
Concen: 4.718 ug/l
RT: 13.373 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 20294

Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.4	58.2
148	64.8	31.9	95.5

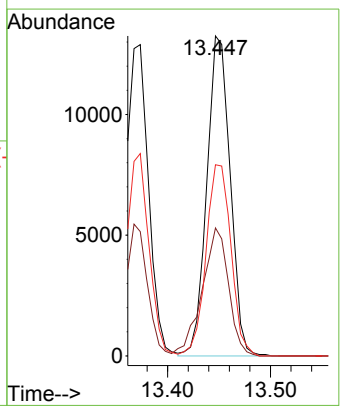


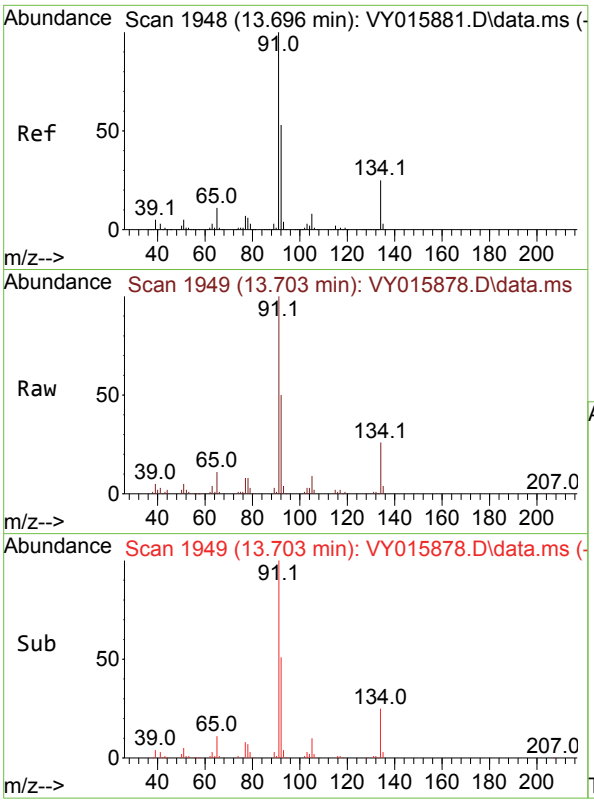


#88
1,4-Dichlorobenzene
Concen: 4.825 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:146 Resp: 20904

Ion	Ratio	Lower	Upper
146	100		
111	45.4	18.9	56.7
148	63.9	32.1	96.5



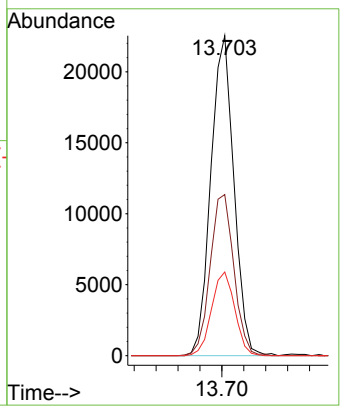


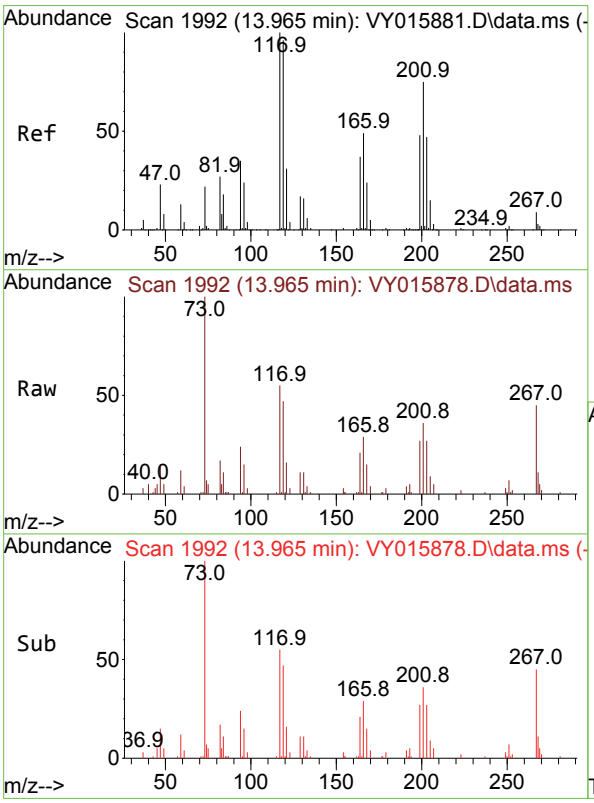
#89
n-Butylbenzene
Concen: 4.276 ug/l
RT: 13.703 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 32906

Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.4	76.0
134	26.3	12.6	37.6

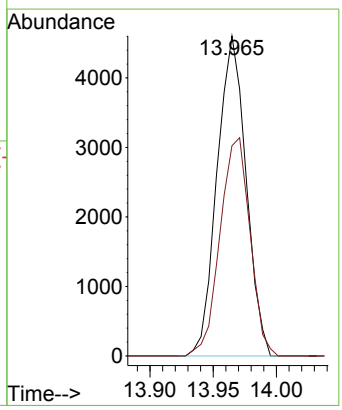


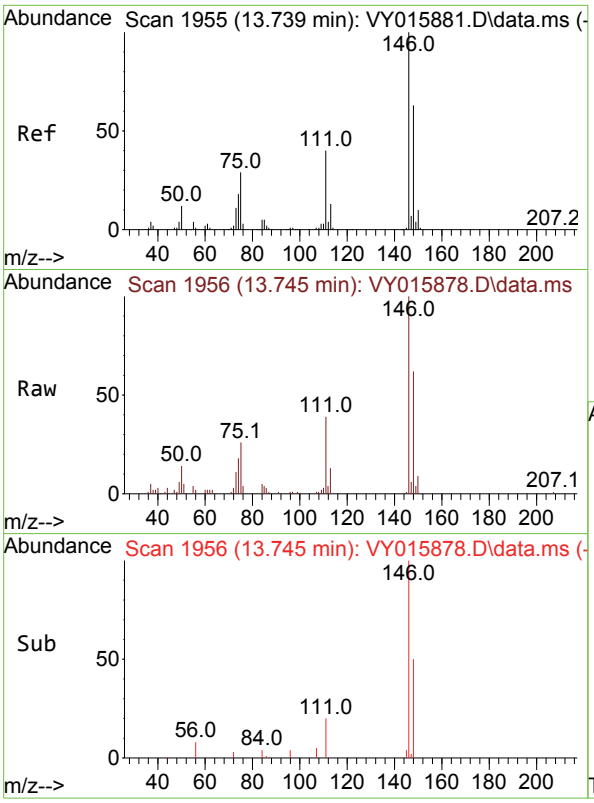


#90
Hexachloroethane
Concen: 4.492 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:117 Resp: 7331

Ion	Ratio	Lower	Upper
117	100		
201	70.6	41.6	124.8



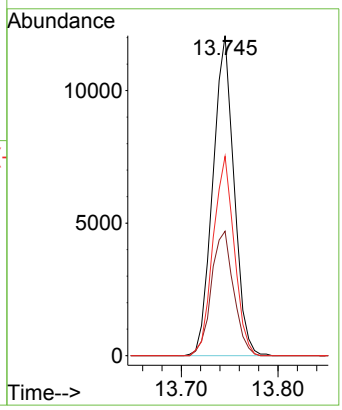


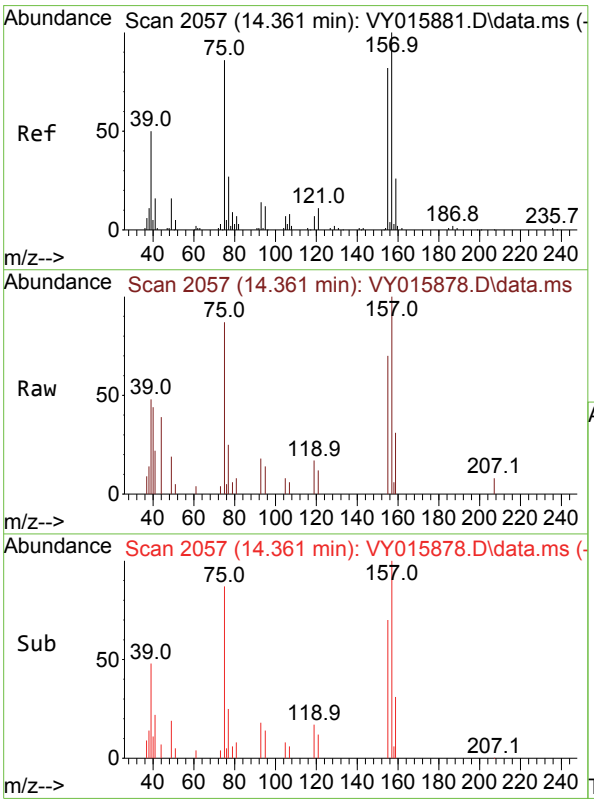
#91
1,2-Dichlorobenzene
Concen: 4.590 ug/l
RT: 13.745 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 18354

Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.7	59.0
148	62.1	32.0	96.2

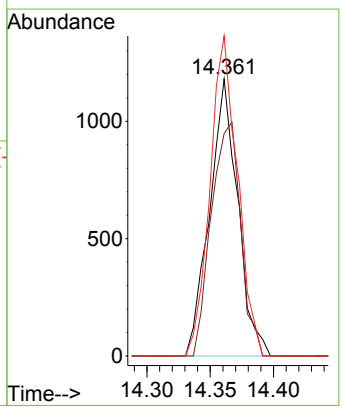


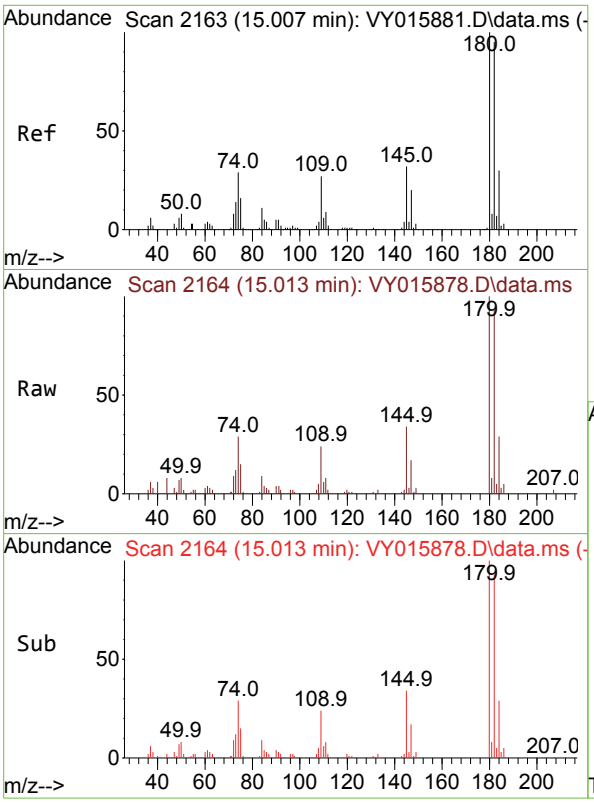


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.619 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion: 75 Resp: 1833

Ion	Ratio	Lower	Upper
75	100		
155	87.3	41.5	124.6
157	112.4	51.8	155.5



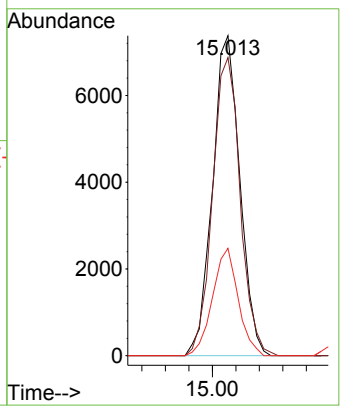


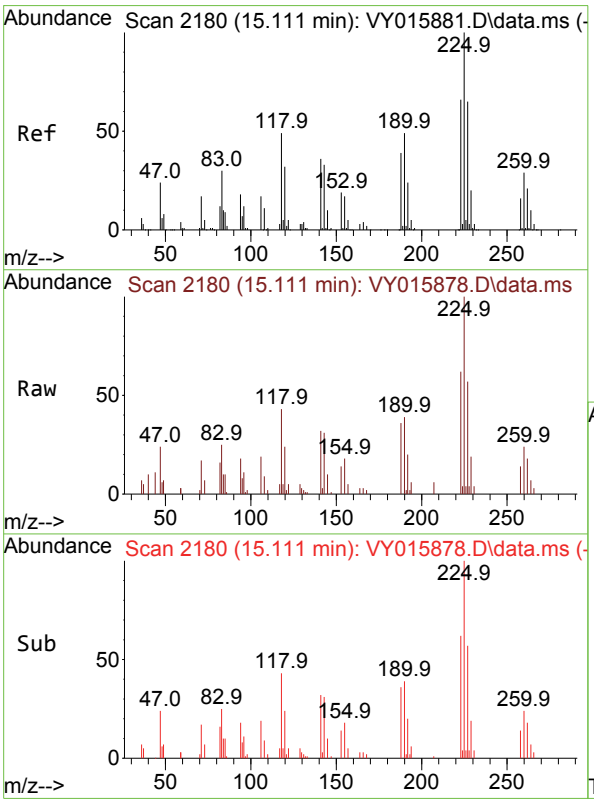
#93
1,2,4-Trichlorobenzene
Concen: 4.648 ug/l
RT: 15.013 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 11911

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.0	141.2
145	31.6	14.5	43.5

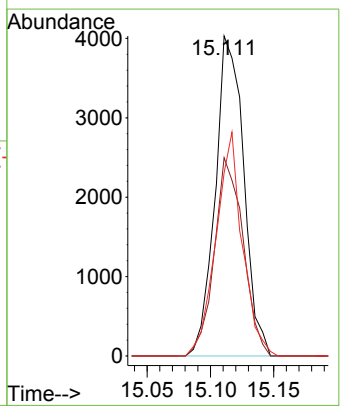


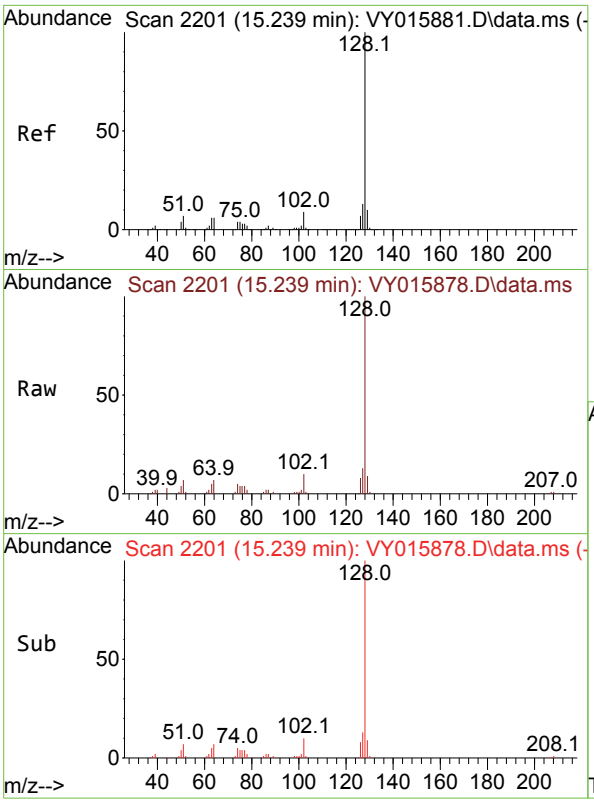


#94
Hexachlorobutadiene
Concen: 4.594 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:225 Resp: 6304

Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.9
227	64.6	33.0	98.9



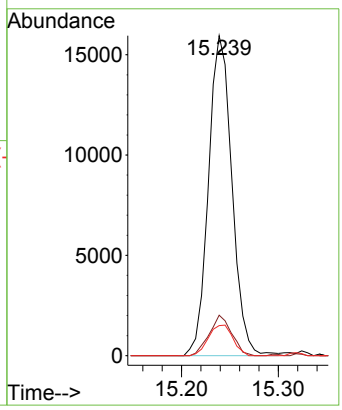


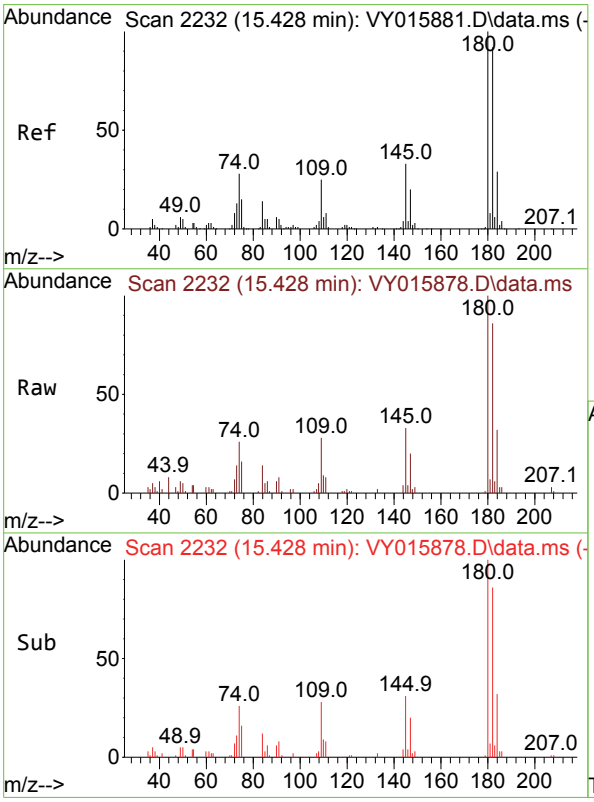
#95
Naphthalene
Concen: 4.535 ug/l
RT: 15.239 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

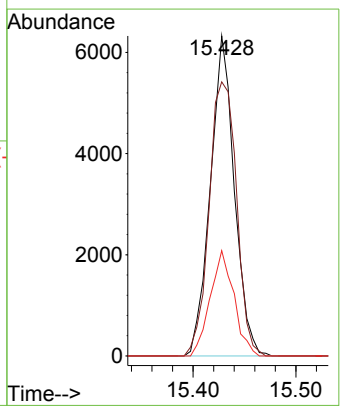
Tgt Ion:128 Resp: 26886

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.8	16.2
129	10.0	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 4.492 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY015878.D
Acq: 09 Oct 2023 13:36

Tgt Ion:180 Resp: 10240

Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.3	141.8
145	32.6	15.4	46.2