Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
Data File : VY021072.D
Acq On : 04 Feb 2025 20:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 05 00:52:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	130567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	210608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	189906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	97829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70160	52.446	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.900%			
35) Dibromofluoromethane	7.634	113	67172	49.767	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.540%			
50) Toluene-d8	10.103	98	250882	48.824	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.640%			
62) 4-Bromofluorobenzene	12.408	95	85350	50.843	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	57288	49.228	ug/l	97
3) Chloromethane	2.068	50	60344	52.549	ug/l	95
4) Vinyl Chloride	2.202	62	57009	49.323	ug/l	99
5) Bromomethane	2.598	94	36523	51.126	ug/l	98
6) Chloroethane	2.732	64	36015	52.345	ug/l	93
7) Trichlorofluoromethane	3.062	101	102723	48.783	ug/l	99
8) Diethyl Ether	3.458	74	35359	53.790	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	62610	47.375	ug/l	94
10) Methyl Iodide	4.007	142	74282	50.592	ug/l	92
11) Tert butyl alcohol	4.860	59	25859	285.249	ug/l #	75
12) 1,1-Dichloroethene	3.793	96	62125	49.902	ug/l	92
13) Acrolein	3.653	56	36601	262.191	ug/l	99
14) Allyl chloride	4.385	41	110898	52.855	ug/l	94
15) Acrylonitrile	5.061	53	80188	292.939	ug/l	99
16) Acetone	3.872	43	60858	291.715	ug/l	95
17) Carbon Disulfide	4.110	76	201162	51.530	ug/l	98
18) Methyl Acetate	4.391	43	43723	59.702	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	175462	55.762	ug/l	98
20) Methylene Chloride	4.616	84	70259	54.174	ug/l	91
21) trans-1,2-Dichloroethene	5.116	96	72326	52.779	ug/l	92
22) Diisopropyl ether	6.018	45	244023	56.425	ug/l	98
23) Vinyl Acetate	5.964	43	696885	289.061	ug/l	98
24) 1,1-Dichloroethane	5.921	63	137155	54.130	ug/l	98
25) 2-Butanone	6.896	43	103166	300.932	ug/l	97
26) 2,2-Dichloropropane	6.884	77	103983	44.352	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	86117	54.597	ug/l	96
28) Bromochloromethane	7.250	49	63171	63.049	ug/l	99
29) Tetrahydrofuran	7.262	42	70342	303.231	ug/l	93
30) Chloroform	7.421	83	141870	54.511	ug/l	98
31) Cyclohexane	7.701	56	107611	47.162	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	124670	51.523	ug/l	99
36) 1,1-Dichloropropene	7.835	75	97101	48.571	ug/l	99
37) Ethyl Acetate	6.988	43	48590	55.404	ug/l	99
38) Carbon Tetrachloride	7.817	117	114002	48.804	ug/l	96
39) Methylcyclohexane	9.109	83	113013	46.215	ug/l	99
40) Benzene	8.079	78	303872	51.795	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
Data File : VY021072.D
Acq On : 04 Feb 2025 20:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 05 00:52:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.219	41	24772	48.823 ug/l	95
42) 1,2-Dichloroethane	8.158	62	87629	53.844 ug/l	97
43) Isopropyl Acetate	8.195	43	97103	55.722 ug/l #	86
44) Trichloroethene	8.865	130	74627	49.234 ug/l	96
45) 1,2-Dichloropropane	9.140	63	73681	52.913 ug/l	99
46) Dibromomethane	9.231	93	41166	53.393 ug/l	95
47) Bromodichloromethane	9.420	83	111604	53.973 ug/l	95
48) Methyl methacrylate	9.219	41	45578	57.418 ug/l	93
49) 1,4-Dioxane	9.225	88	8970	1249.757 ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	256673	292.898 ug/l	96
52) Toluene	10.170	92	193877	52.630 ug/l	100
53) t-1,3-Dichloropropene	10.396	75	96343	51.890 ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	112339	51.101 ug/l	93
55) 1,1,2-Trichloroethane	10.572	97	53940	54.027 ug/l	97
56) Ethyl methacrylate	10.438	69	76205	57.055 ug/l	90
57) 1,3-Dichloropropane	10.719	76	95483	55.253 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	166533	262.084 ug/l	99
59) 2-Hexanone	10.761	43	169011	299.543 ug/l	96
60) Dibromochloromethane	10.914	129	75699	53.990 ug/l	99
61) 1,2-Dibromoethane	11.011	107	50277	53.762 ug/l	99
64) Tetrachloroethene	10.646	164	66164	46.933 ug/l	95
65) Chlorobenzene	11.444	112	211838	50.097 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	76369	50.821 ug/l	97
67) Ethyl Benzene	11.517	91	371283	49.642 ug/l	100
68) m/p-Xylenes	11.627	106	281654	100.663 ug/l	98
69) o-Xylene	11.956	106	133972	51.357 ug/l	97
70) Styrene	11.969	104	228755	52.614 ug/l	98
71) Bromoform	12.133	173	45256	54.105 ug/l #	98
73) Isopropylbenzene	12.255	105	349258	45.703 ug/l	100
74) N-amyl acetate	12.072	43	87107	52.137 ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	62958	49.537 ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	80260	90.441 ug/l #	100
77) Bromobenzene	12.529	156	83462	47.328 ug/l	93
78) n-propylbenzene	12.597	91	417760	45.892 ug/l	99
79) 2-Chlorotoluene	12.682	91	242205	46.455 ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	288366	46.542 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	19058	43.820 ug/l	93
82) 4-Chlorotoluene	12.779	91	250916	47.235 ug/l	100
83) tert-Butylbenzene	12.999	119	256968	45.629 ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	290294	47.919 ug/l	99
85) sec-Butylbenzene	13.176	105	365272	45.059 ug/l	97
86) p-Isopropyltoluene	13.292	119	309303	45.932 ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	162550	47.738 ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	158010	47.130 ug/l	99
89) n-Butylbenzene	13.621	91	278005	45.254 ug/l	99
90) Hexachloroethane	13.883	117	67218	47.848 ug/l	88
91) 1,2-Dichlorobenzene	13.657	146	143283	48.482 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9751	51.342 ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	81088	49.292 ug/l	100
94) Hexachlorobutadiene	15.023	225	49019	44.966 ug/l	99
95) Naphthalene	15.145	128	146179	55.542 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	71198	52.007 ug/l	98

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
Data File : VY021072.D
Acq On : 04 Feb 2025 20:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 05 00:52:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

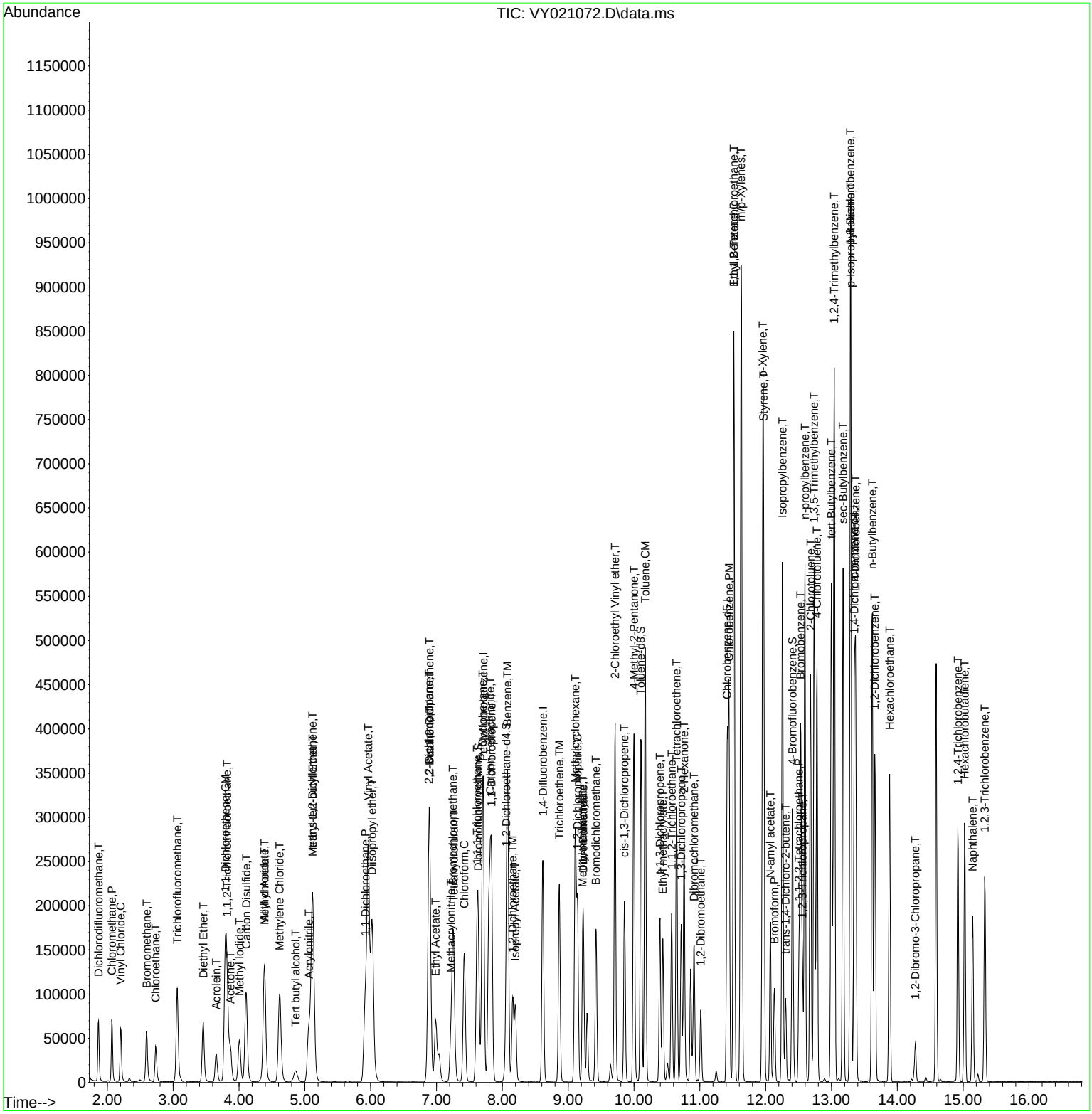
(#) = qualifier out of range (m) = manual integration (+) = signals summed

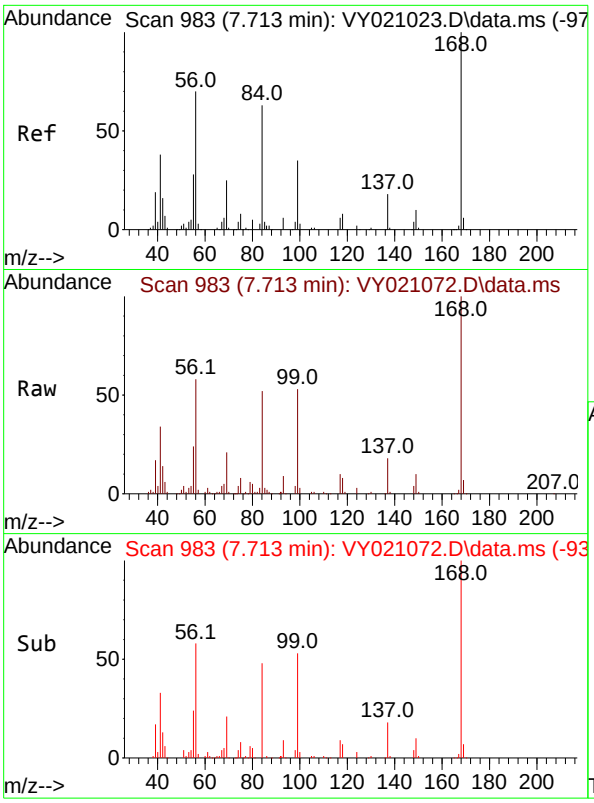
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
Data File : VY021072.D
Acq On : 04 Feb 2025 20:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 05 00:52:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



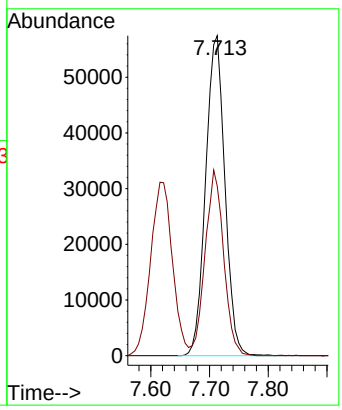


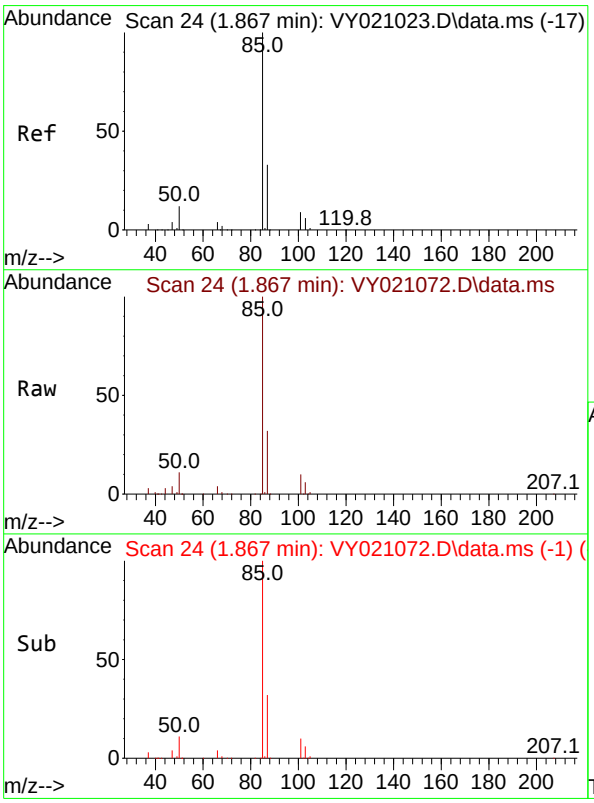
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 130567

Ion	Ratio	Lower	Upper
168	100		
99	52.9	44.2	66.4

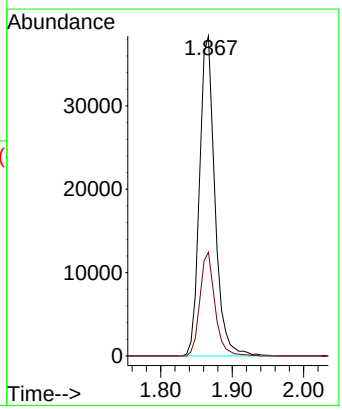


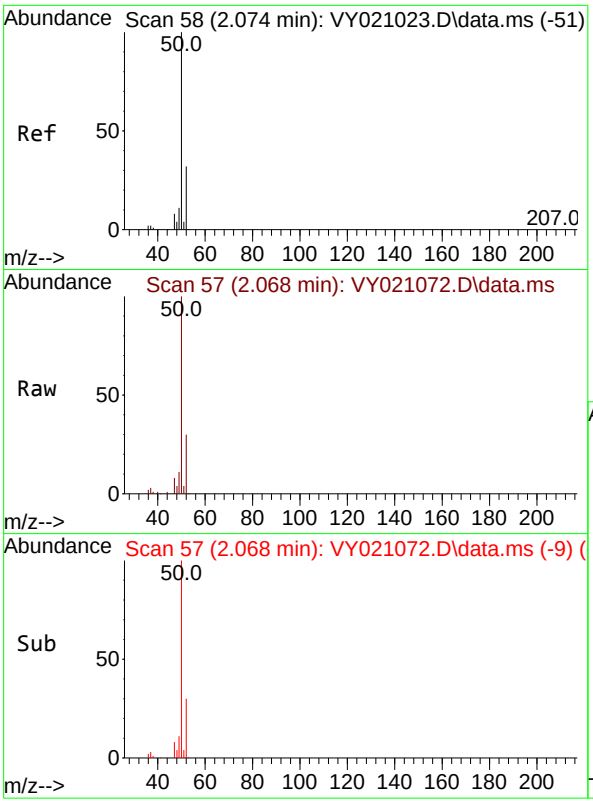


#2
Dichlorodifluoromethane
Concen: 49.228 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 85 Resp: 57288

Ion	Ratio	Lower	Upper
85	100		
87	32.4	17.1	51.3



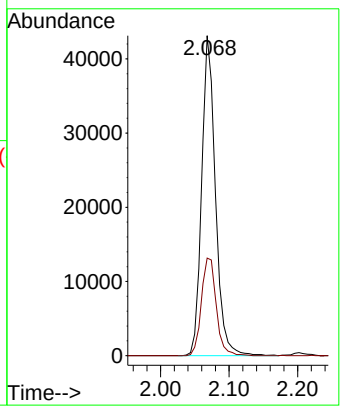


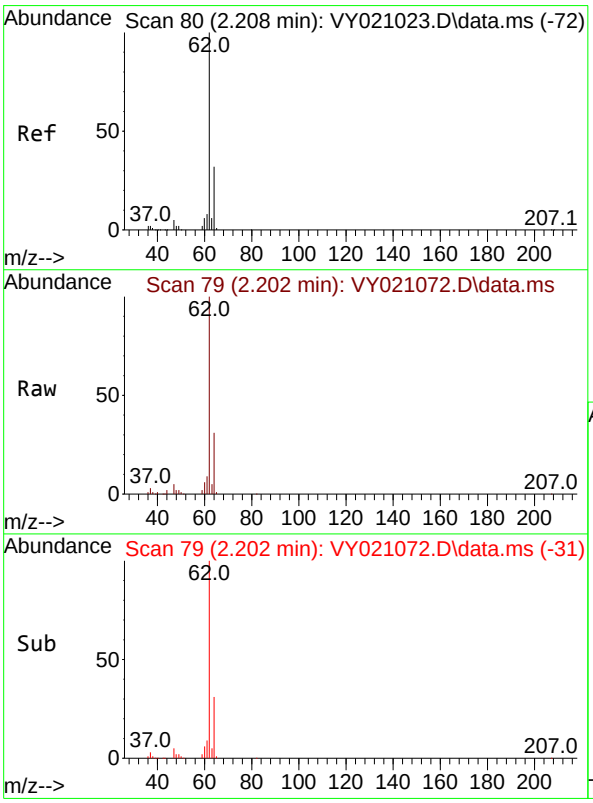
#3
Chloromethane
Concen: 52.549 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 60344

Ion	Ratio	Lower	Upper
50	100		
52	30.5	26.7	40.1

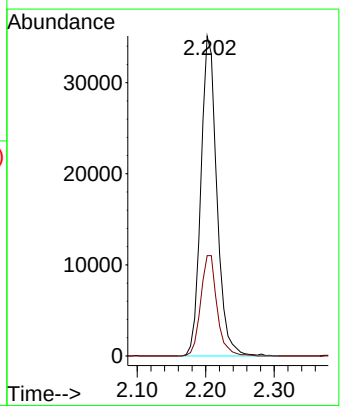


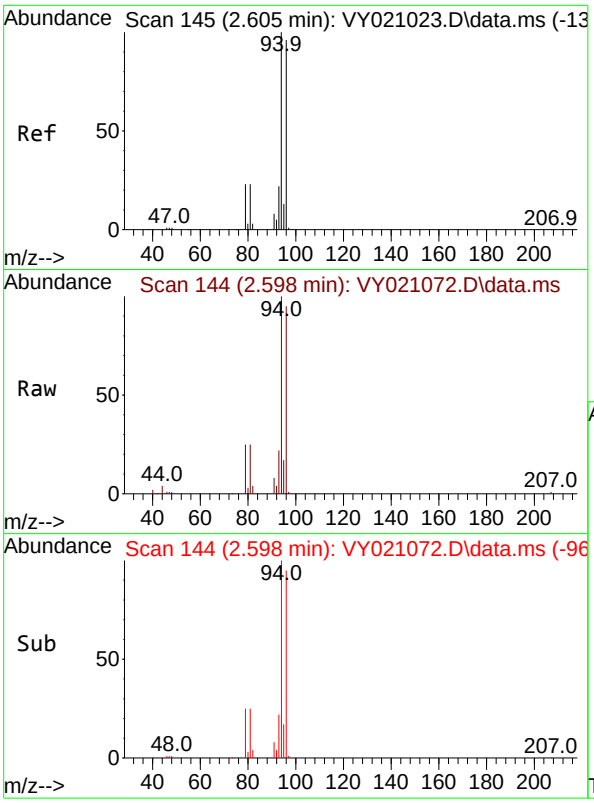


#4
Vinyl Chloride
Concen: 49.323 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 62 Resp: 57009

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.7	38.5



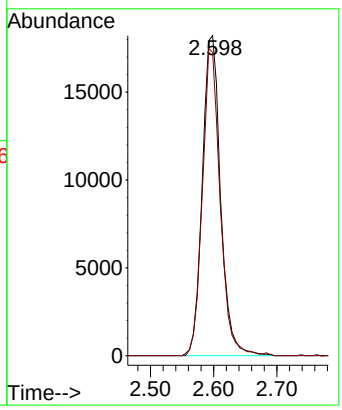


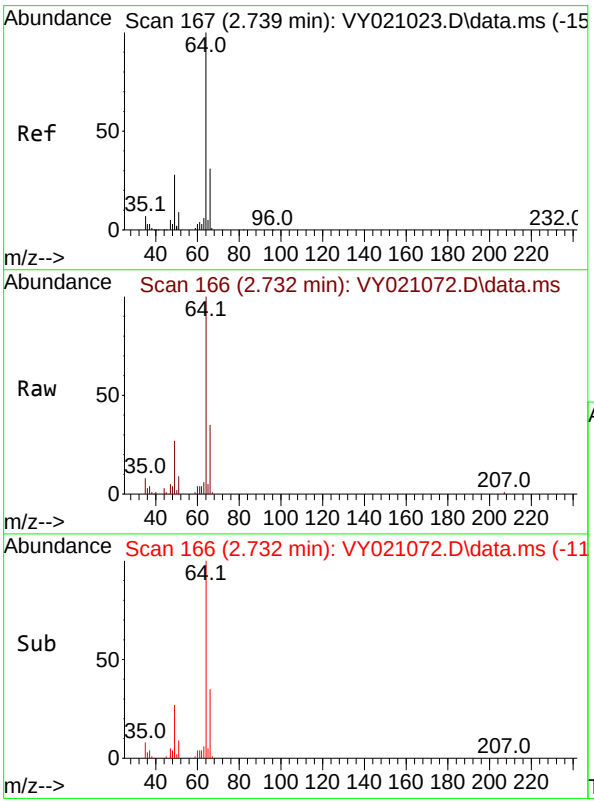
#5
Bromomethane
Concen: 51.126 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 36523

Ion	Ratio	Lower	Upper
94	100		
96	94.8	77.3	115.9

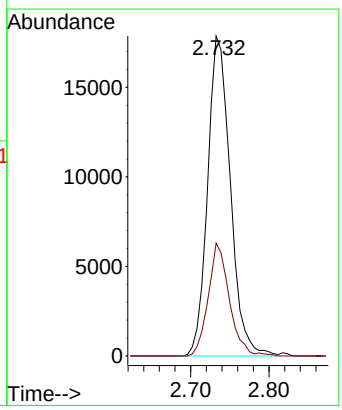


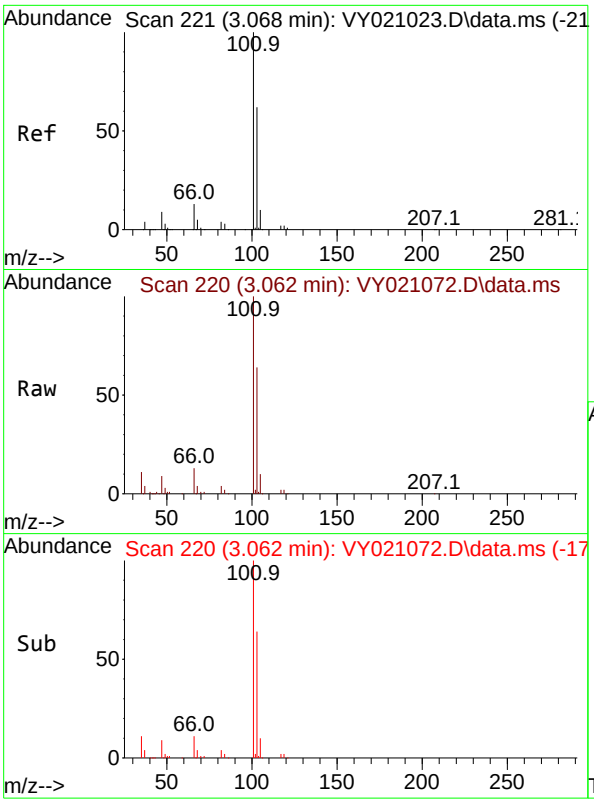


#6
Chloroethane
Concen: 52.345 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 64 Resp: 36015

Ion	Ratio	Lower	Upper
64	100		
66	35.2	25.1	37.7



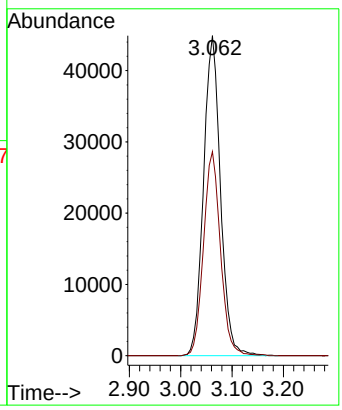


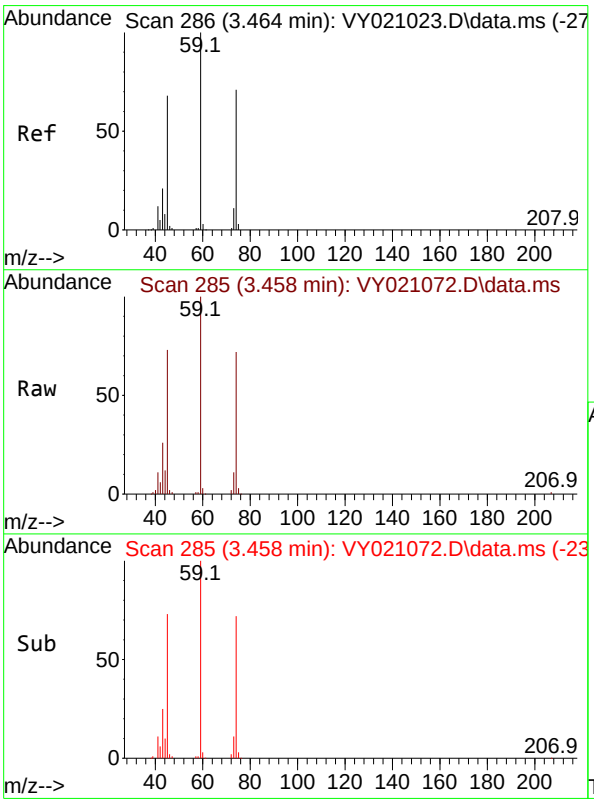
#7
Trichlorofluoromethane
Concen: 48.783 ug/l
RT: 3.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 102723

Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.9	77.9

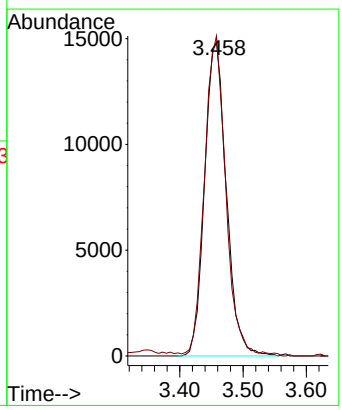


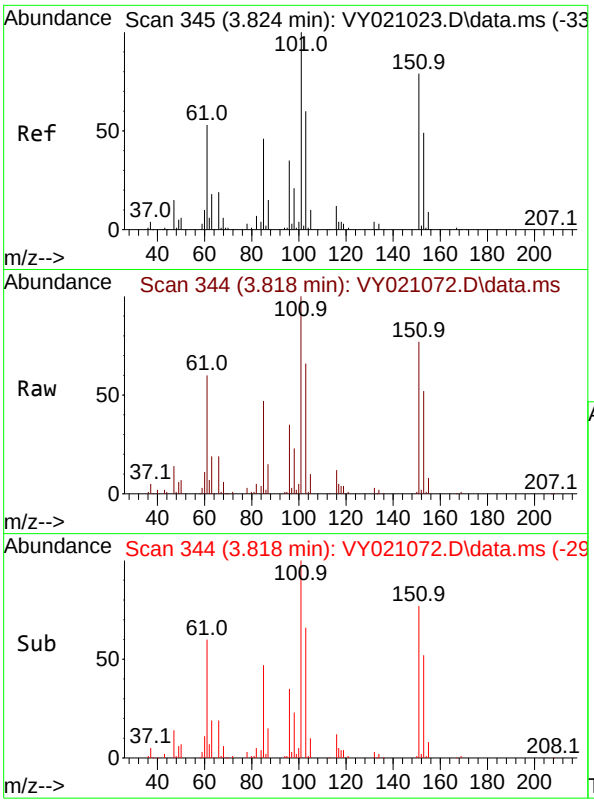


#8
Diethyl Ether
Concen: 53.790 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 74 Resp: 35359

Ion	Ratio	Lower	Upper
74	100		
45	100.5	47.9	143.7



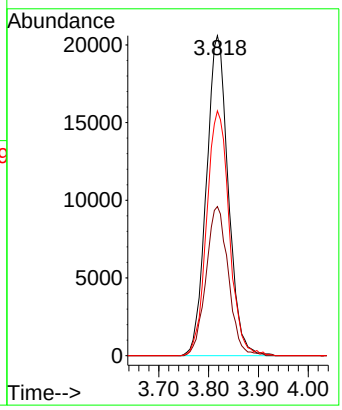


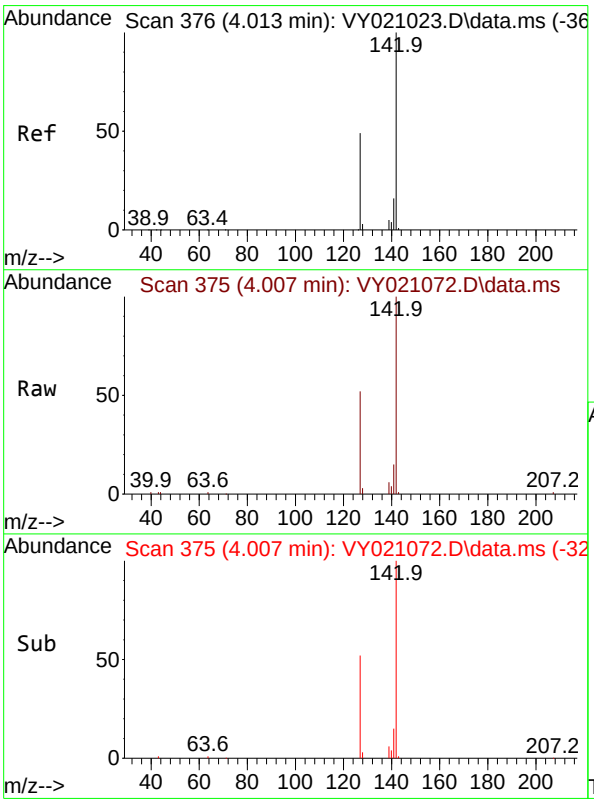
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.375 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 62610

Ion	Ratio	Lower	Upper
101	100		
85	47.7	35.8	53.6
151	79.3	58.6	88.0

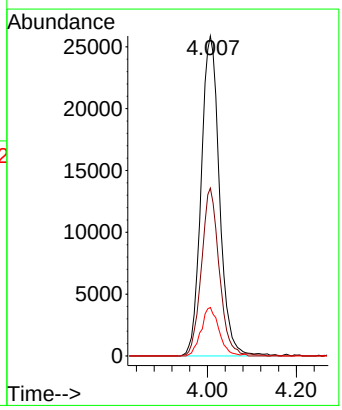


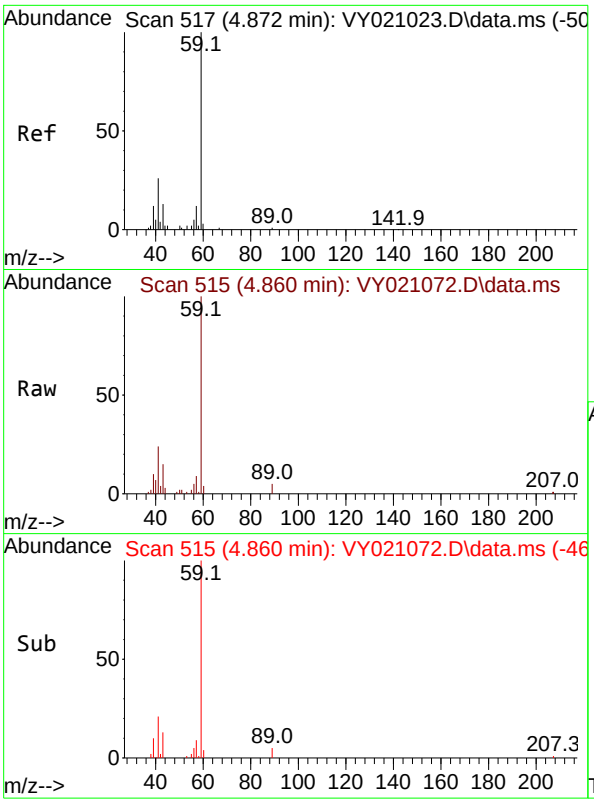


#10
Methyl Iodide
Concen: 50.592 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:142 Resp: 74282

Ion	Ratio	Lower	Upper
142	100		
127	51.1	35.1	52.7
141	14.8	11.8	17.6



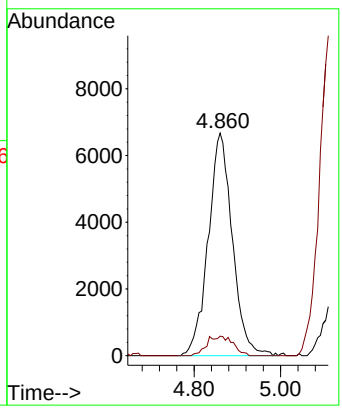


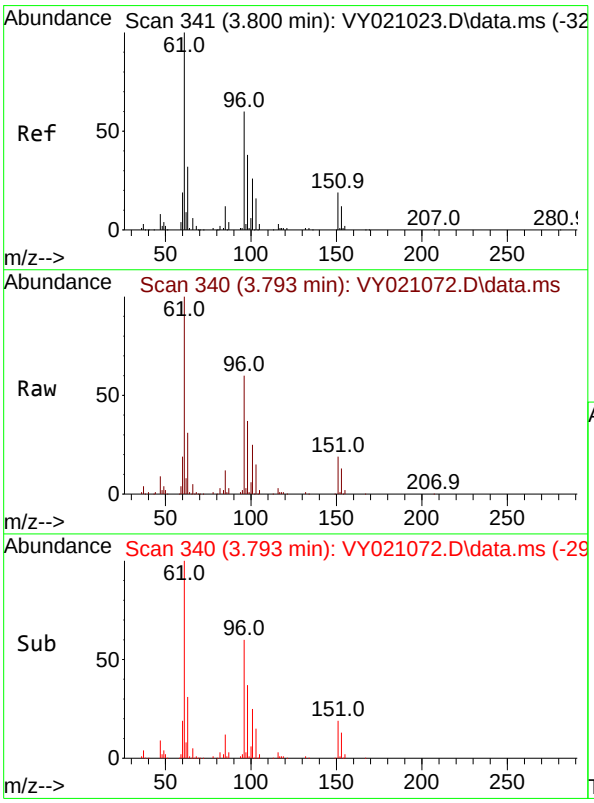
#11
Tert butyl alcohol
Concen: 285.249 ug/l
RT: 4.860 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 25859

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#

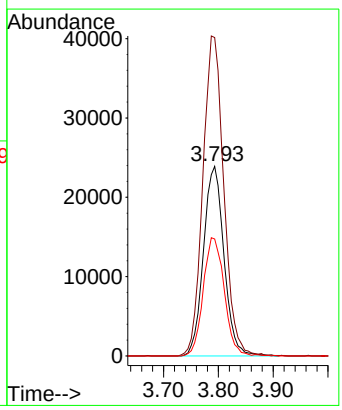


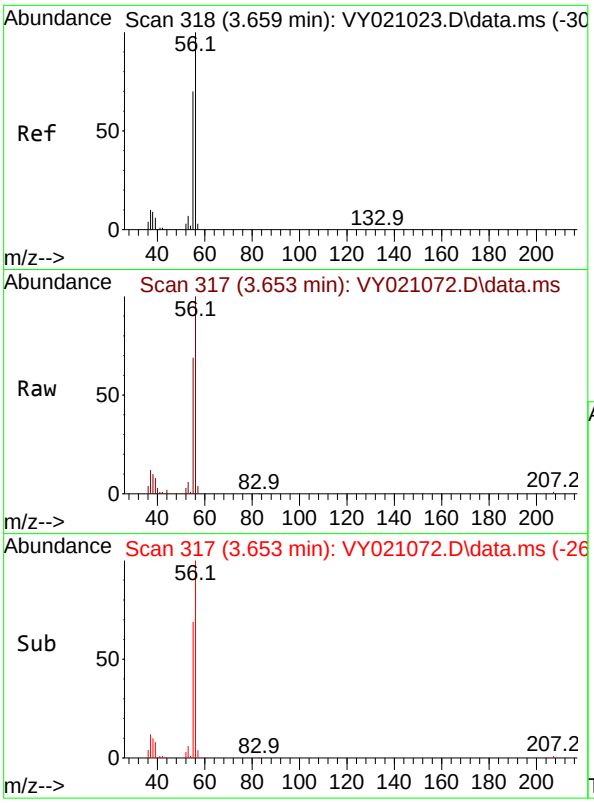


#12
1,1-Dichloroethene
Concen: 49.902 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 96 Resp: 62125

Ion	Ratio	Lower	Upper
96	100		
61	167.9	124.2	186.2
98	61.7	52.6	79.0



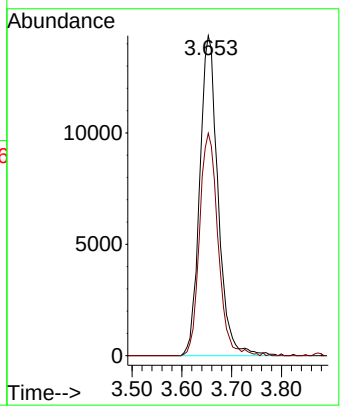


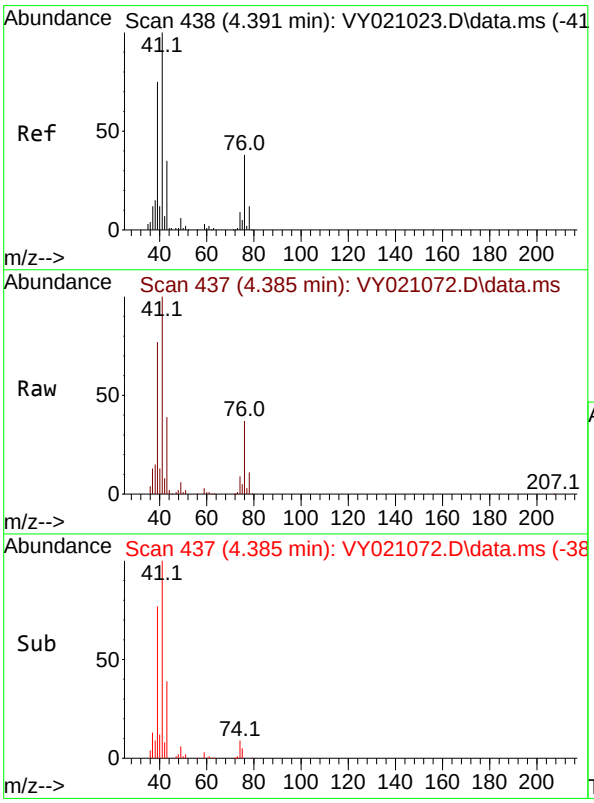
#13
Acrolein
Concen: 262.191 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 36601

Ion	Ratio	Lower	Upper
56	100		
55	70.1	55.4	83.0

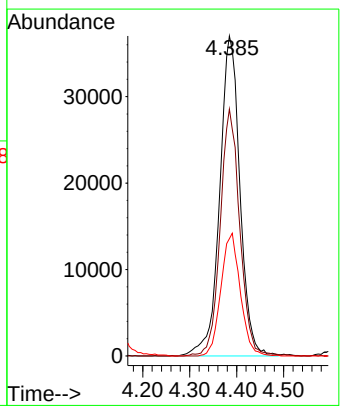


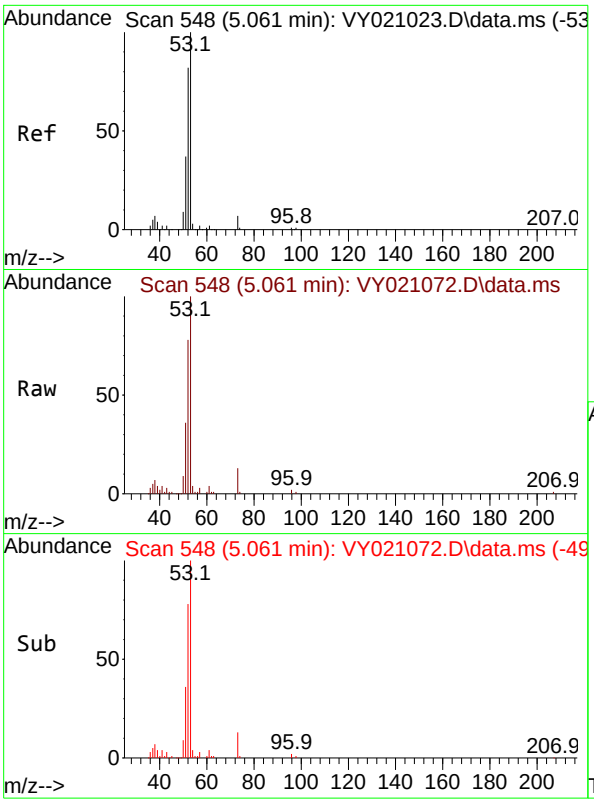


#14
Allyl chloride
Concen: 52.855 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 41 Resp: 110898

Ion	Ratio	Lower	Upper
41	100		
39	74.3	54.7	82.1
76	36.8	31.8	47.6



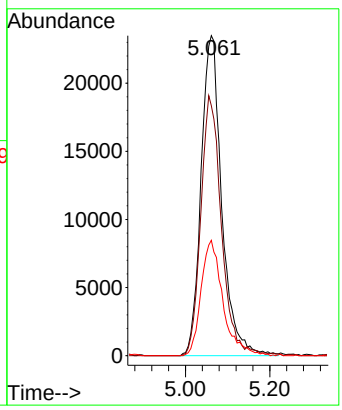


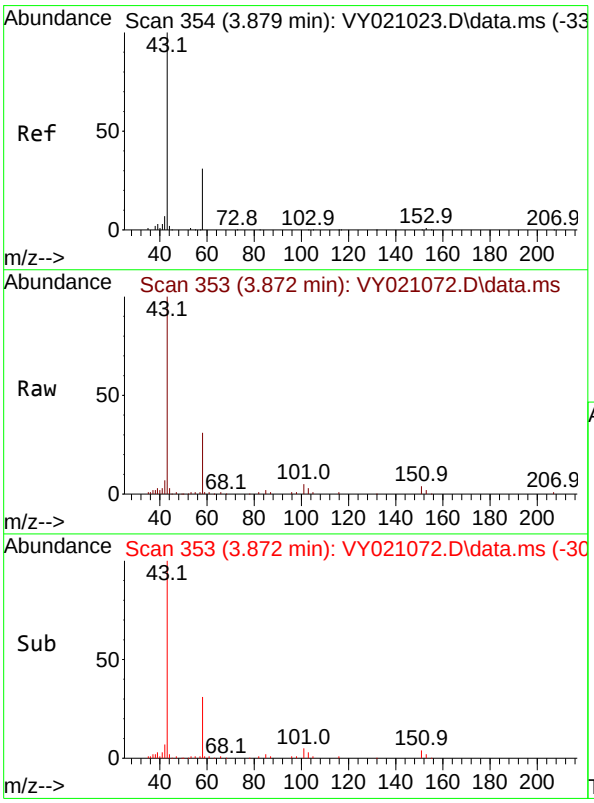
#15
Acrylonitrile
Concen: 292.939 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 80188

Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.1	97.7
51	38.1	29.0	43.4

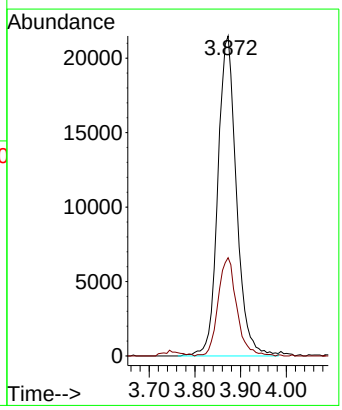


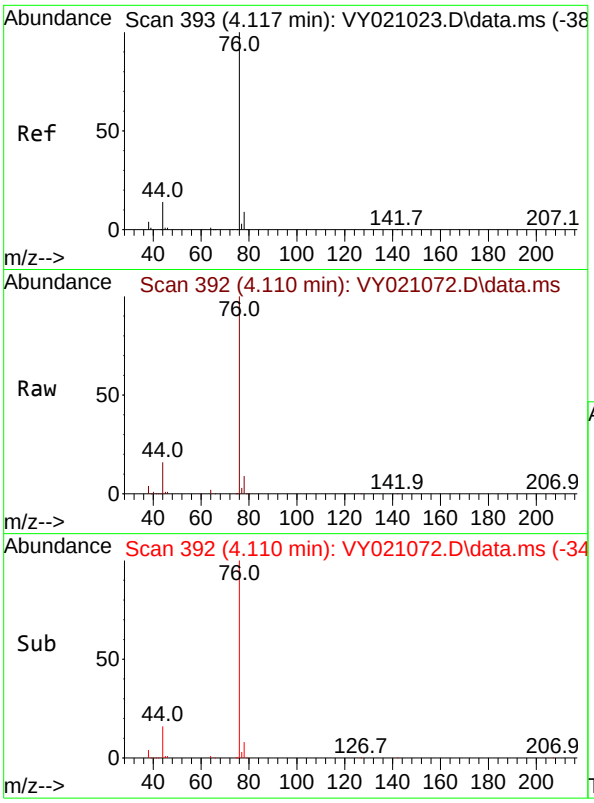


#16
Acetone
Concen: 291.715 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 43 Resp: 60858

Ion	Ratio	Lower	Upper
43	100		
58	30.4	26.6	39.8



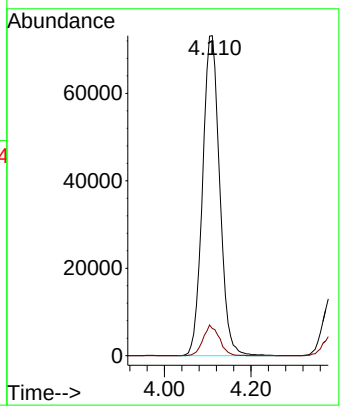


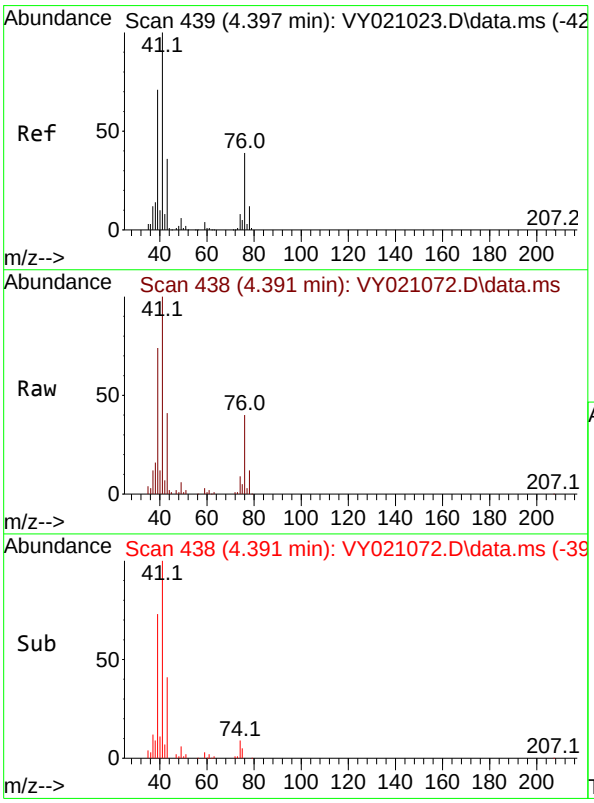
#17
Carbon Disulfide
Concen: 51.530 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 201162

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

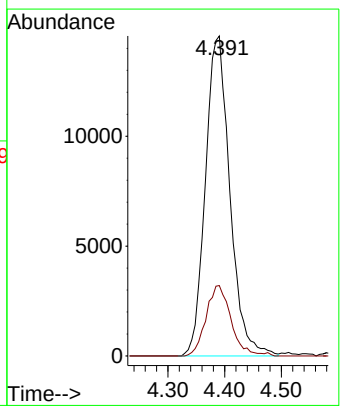


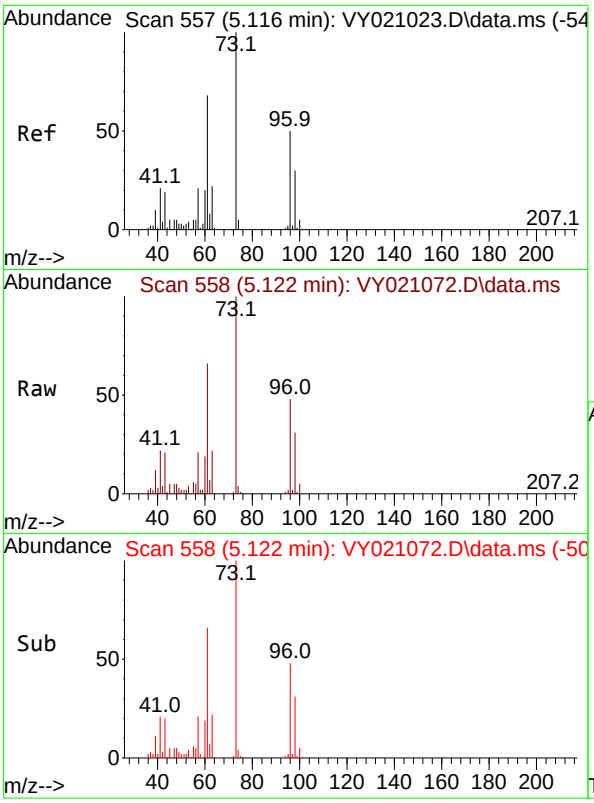


#18
Methyl Acetate
Concen: 59.702 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 43 Resp: 43723

Ion	Ratio	Lower	Upper
43	100		
74	22.5	19.8	29.6



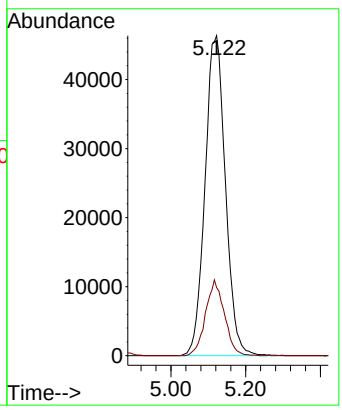


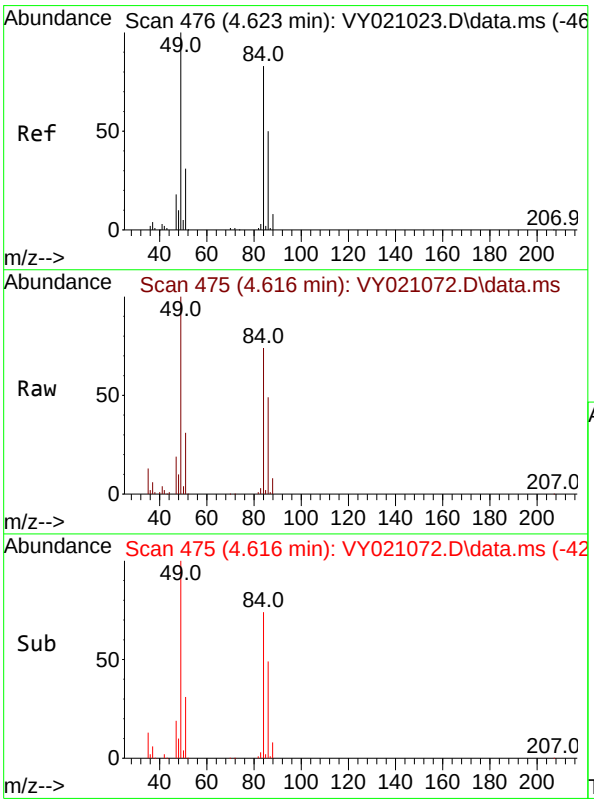
#19
Methyl tert-butyl Ether
Concen: 55.762 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 175462

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.7	26.5

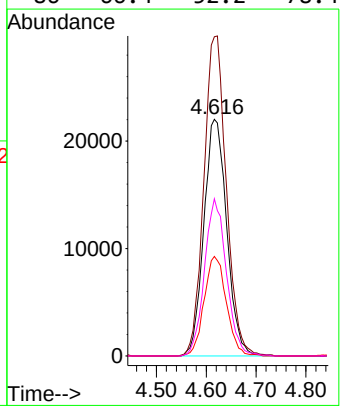


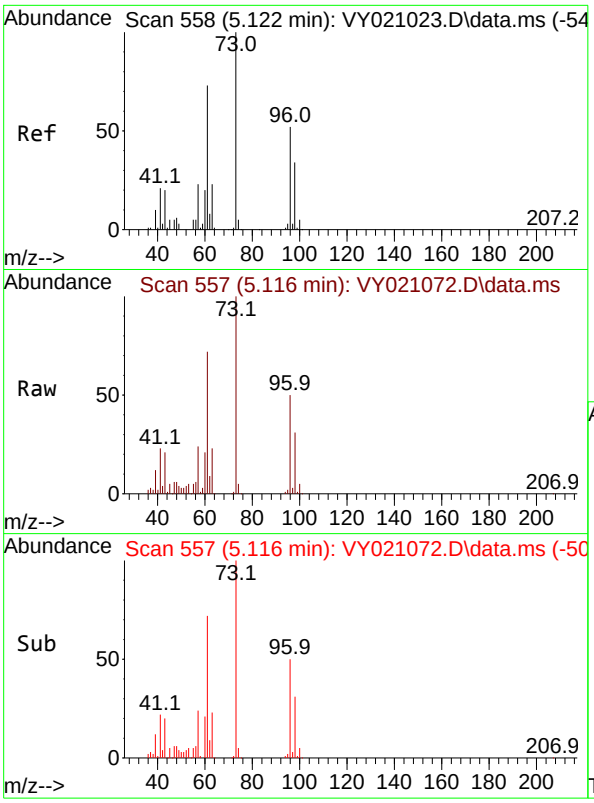


#20
Methylene Chloride
Concen: 54.174 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 84 Resp: 70259

Ion	Ratio	Lower	Upper
84	100		
49	134.9	95.2	142.8
51	42.0	29.9	44.9
86	66.4	52.2	78.4



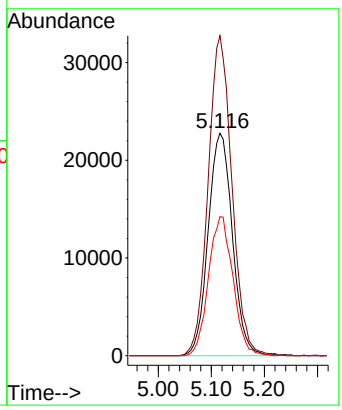


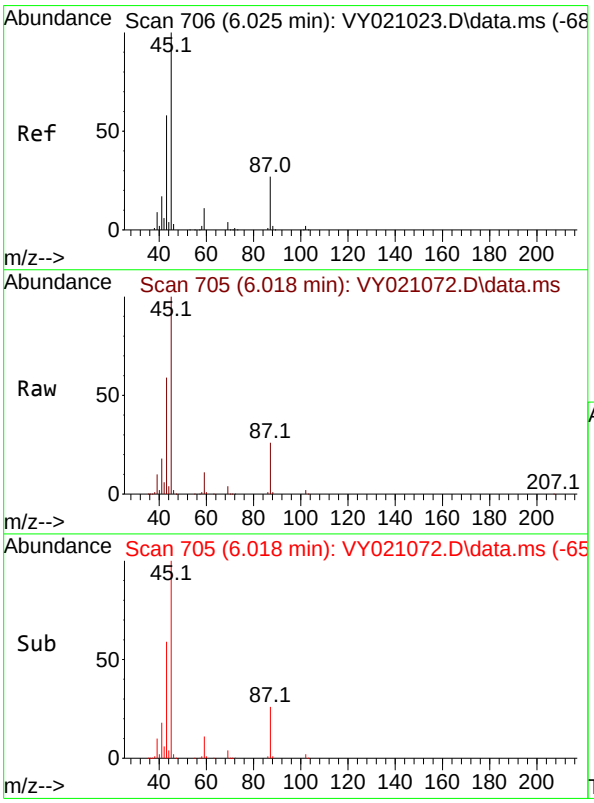
#21
trans-1,2-Dichloroethene
Concen: 52.779 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 72326

Ion	Ratio	Lower	Upper
96	100		
61	143.9	104.6	156.8
98	62.6	50.9	76.3

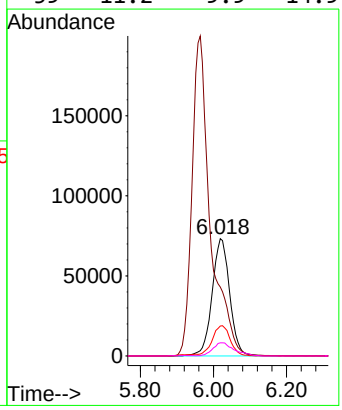


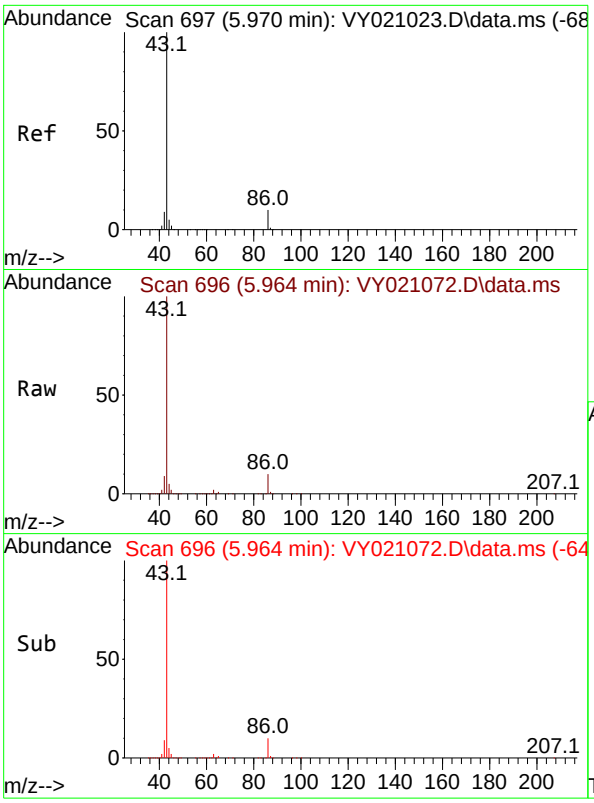


#22
Diisopropyl ether
Concen: 56.425 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 45 Resp: 244023

Ion	Ratio	Lower	Upper
45	100		
43	58.5	46.8	70.2
87	25.5	22.2	33.2
59	11.2	9.9	14.9



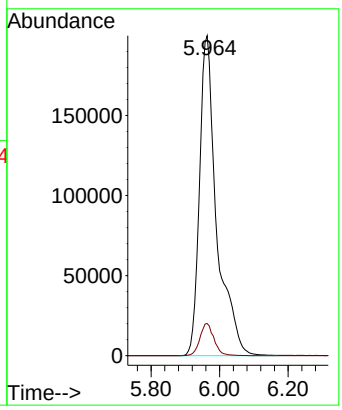


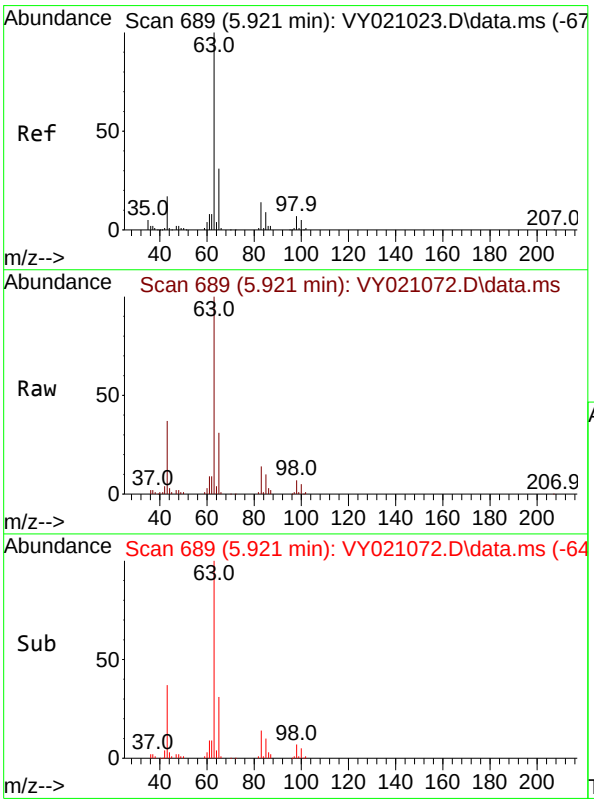
#23
Vinyl Acetate
Concen: 289.061 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 696885

Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.6	13.0

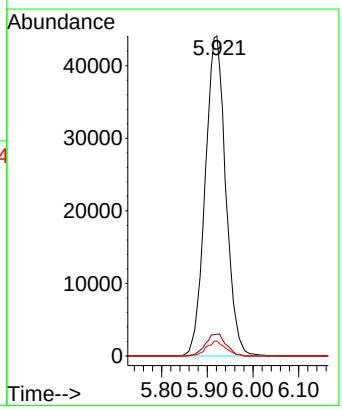


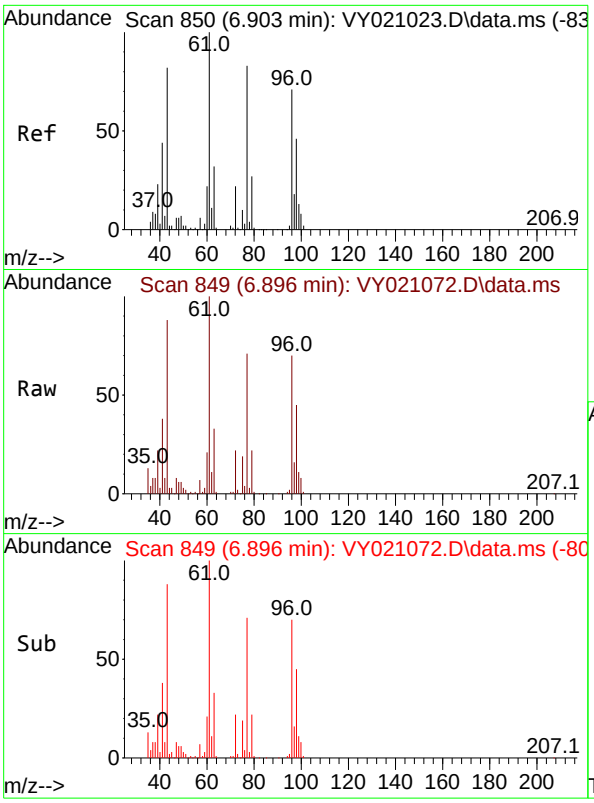


#24
1,1-Dichloroethane
Concen: 54.130 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 63 Resp: 137155

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.4
100	4.6	2.1	6.2



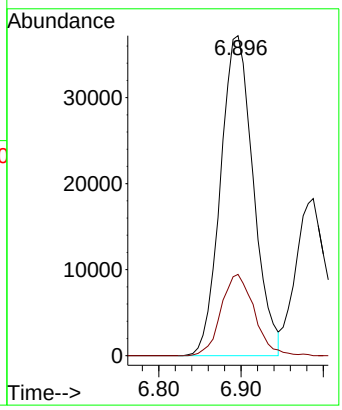


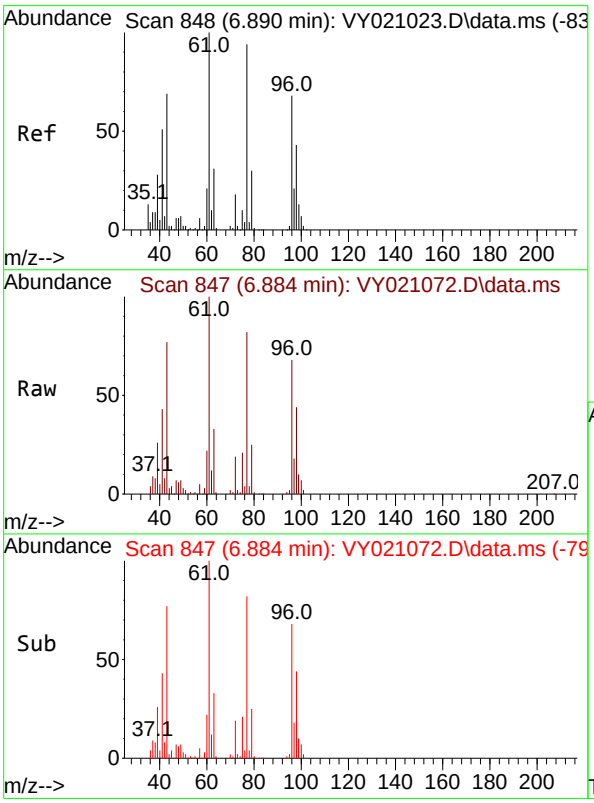
#25
2-Butanone
Concen: 300.932 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 103166

Ion	Ratio	Lower	Upper
43	100		
72	25.4	21.4	32.2

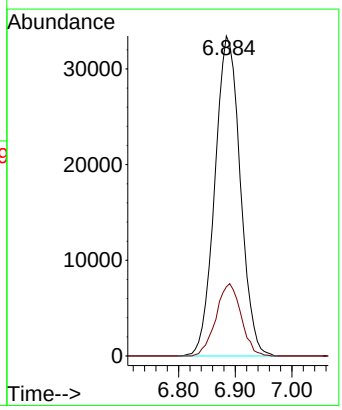


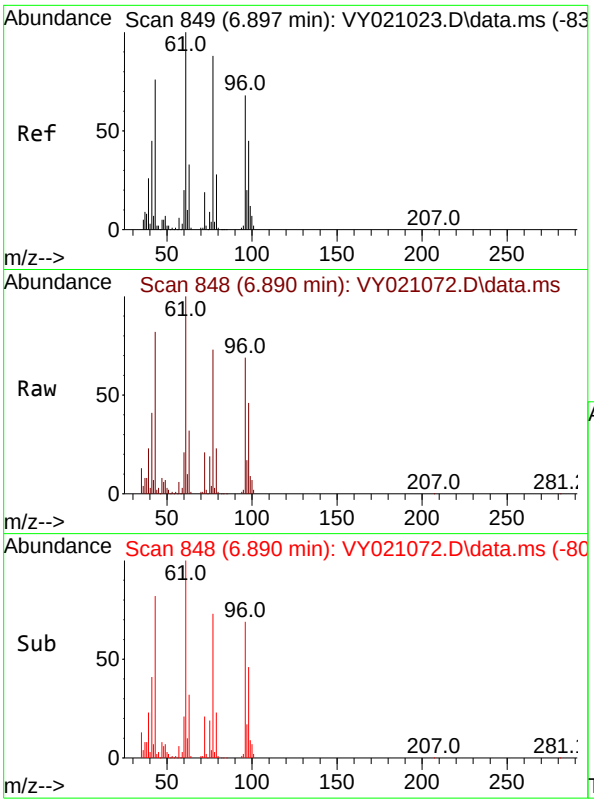


#26
2,2-Dichloropropane
Concen: 44.352 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 77 Resp: 103983

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.7	35.0



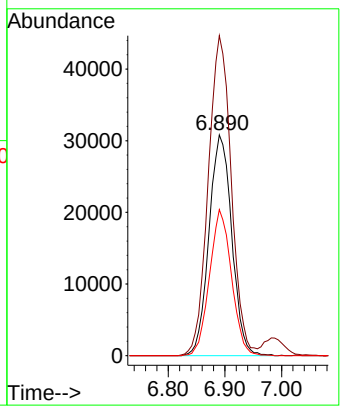


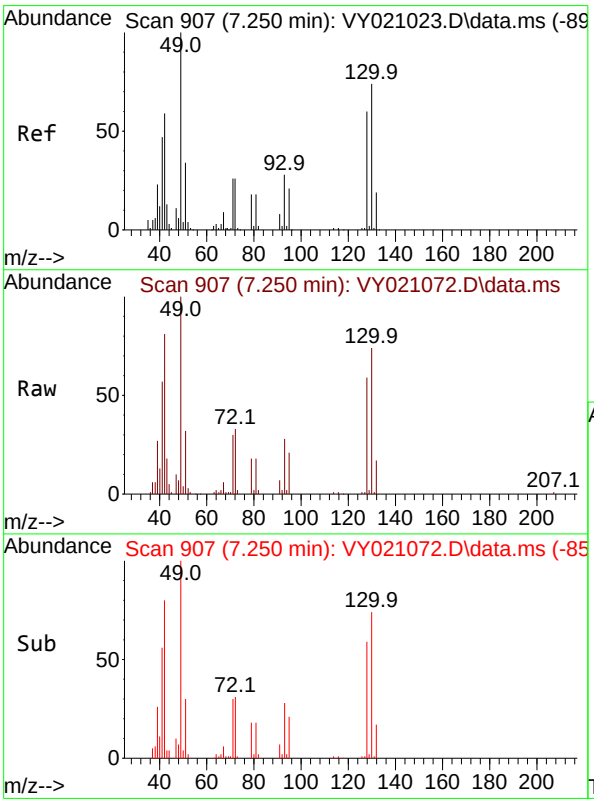
#27
cis-1,2-Dichloroethene
Concen: 54.597 ug/l
RT: 6.890 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 86117

Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	278.8
98	63.8	0.0	127.0

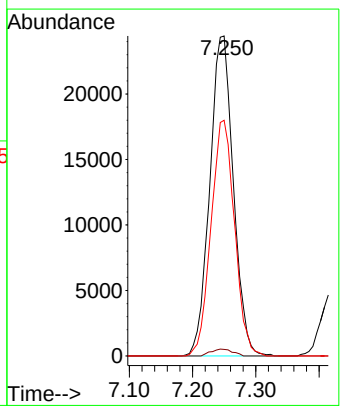


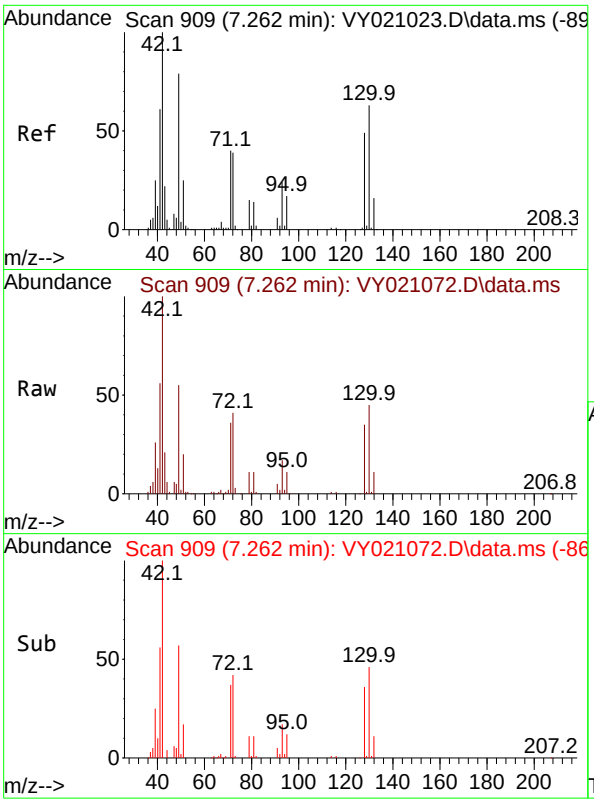


#28
Bromochloromethane
Concen: 63.049 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 49 Resp: 63171

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	73.5	59.8	89.8



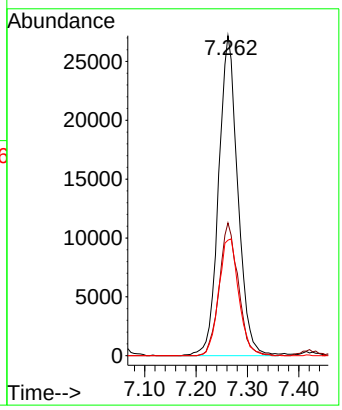


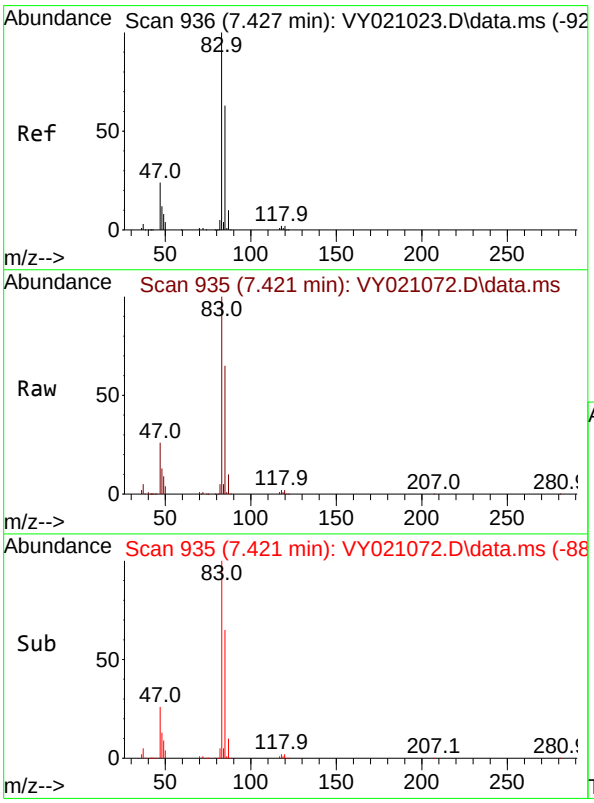
#29
Tetrahydrofuran
Concen: 303.231 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 70342

Ion	Ratio	Lower	Upper
42	100		
72	41.0	36.6	54.8
71	38.3	33.8	50.6

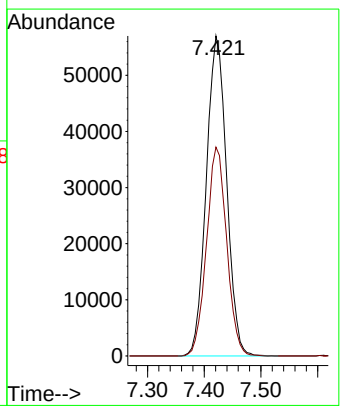


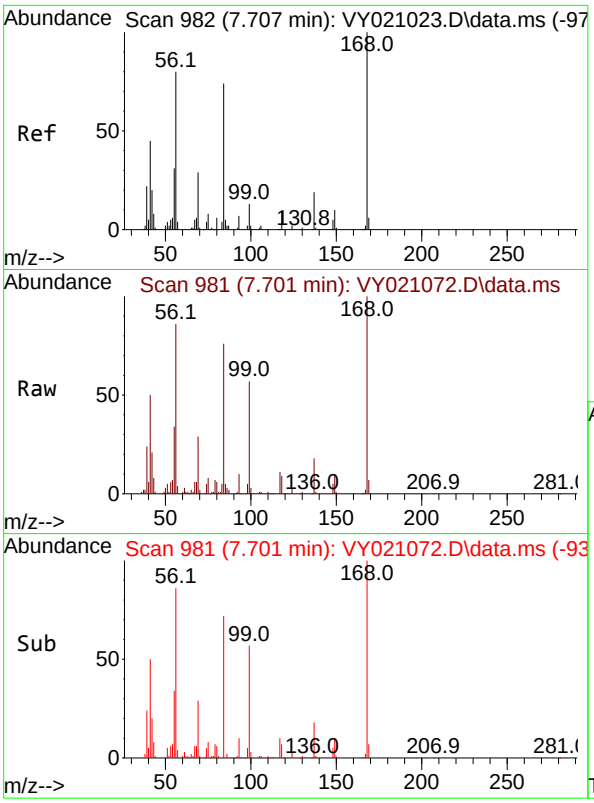


#30
Chloroform
Concen: 54.511 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 83 Resp: 141870

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.2	76.8



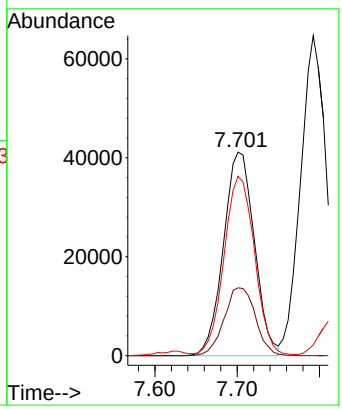


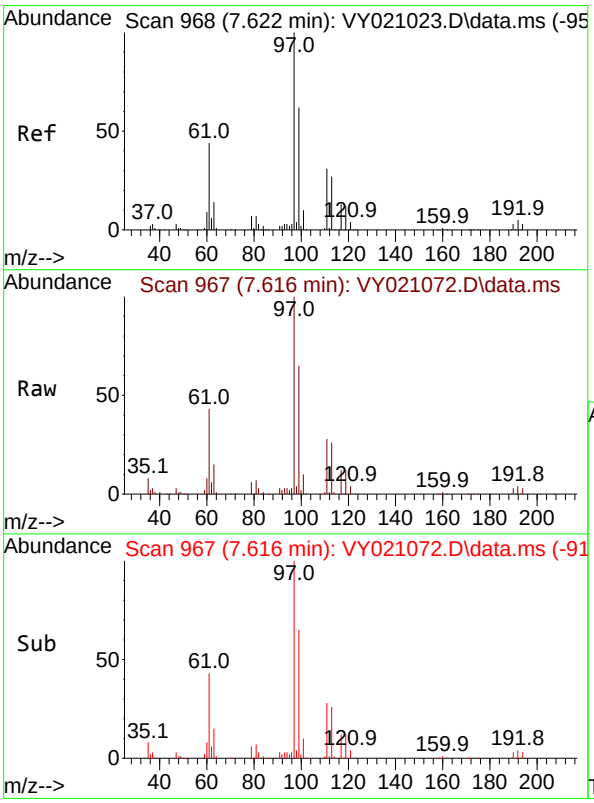
#31
Cyclohexane
Concen: 47.162 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 107611

Ion	Ratio	Lower	Upper
56	100		
69	33.4	27.0	40.6
84	86.0	71.8	107.6

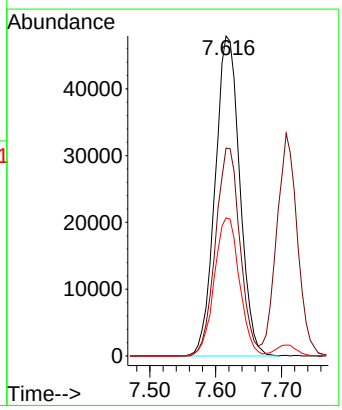


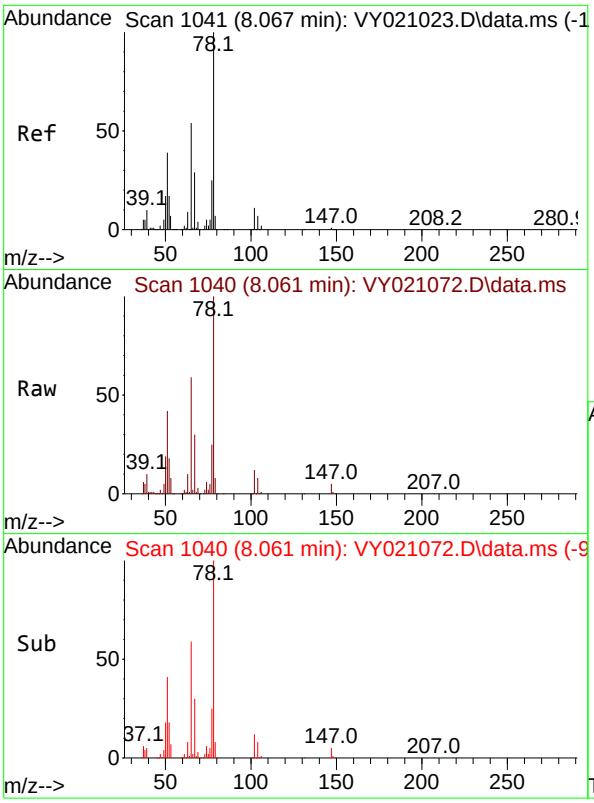


#32
1,1,1-Trichloroethane
Concen: 51.523 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 97 Resp: 124670

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	44.1	35.0	52.6



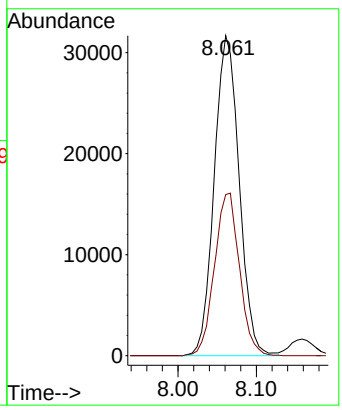


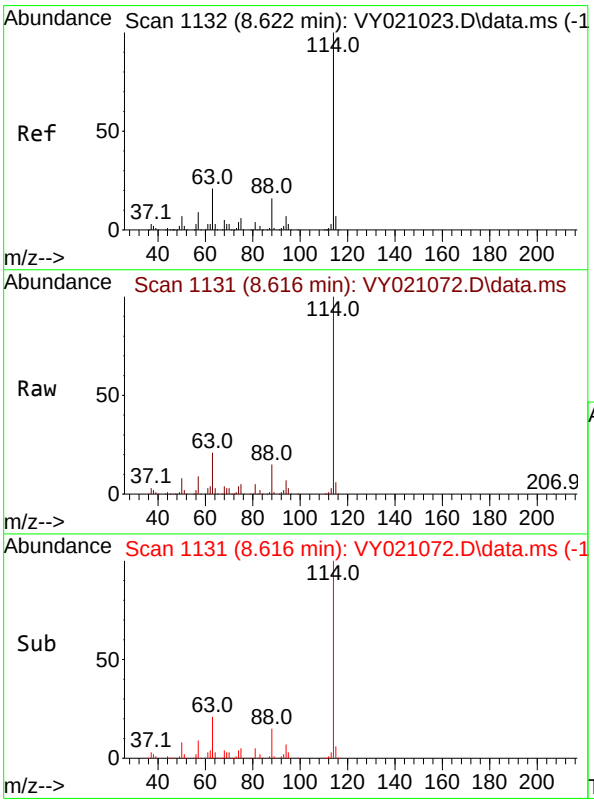
#33
1,2-Dichloroethane-d4
Concen: 52.446 ug/l
RT: 8.061 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 70160

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	109.0

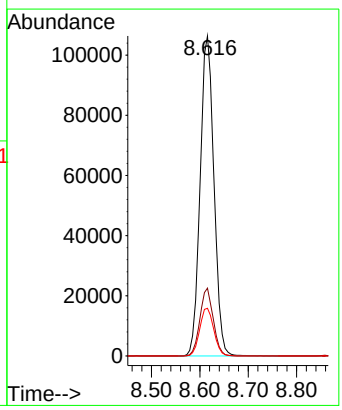


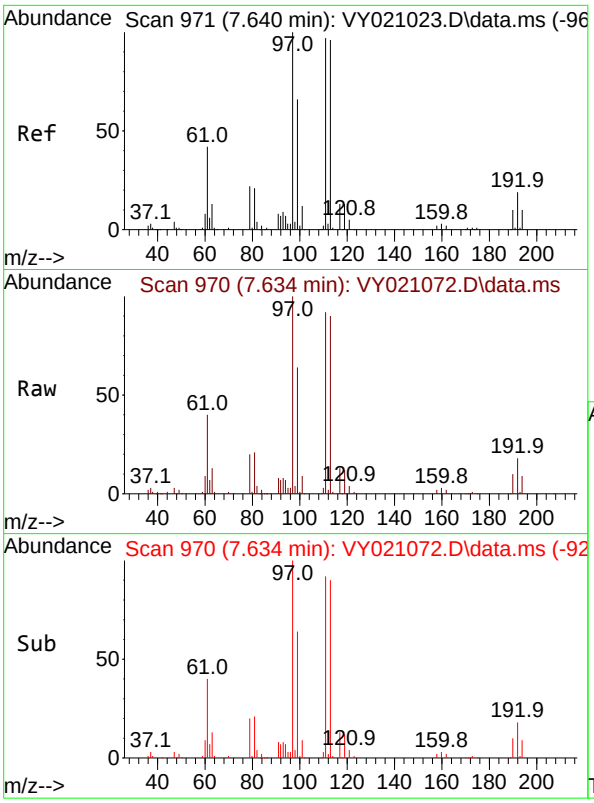


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:114 Resp: 210608

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	37.4
88	14.9	0.0	29.0



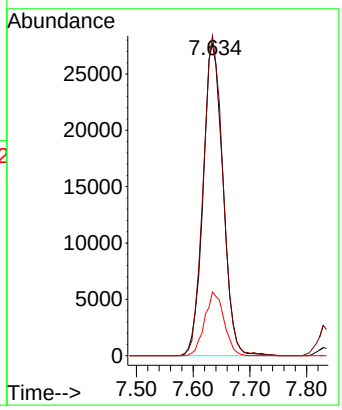


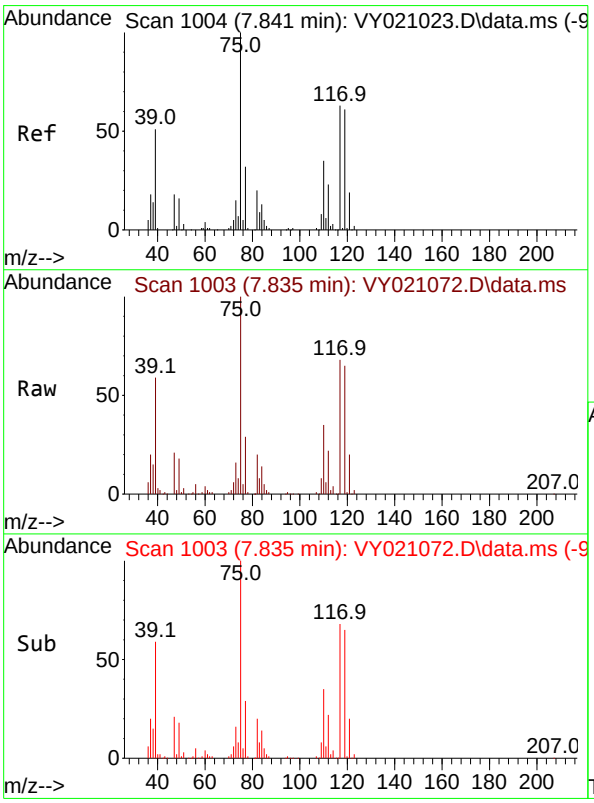
#35
Dibromofluoromethane
Concen: 49.767 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 67172

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.8	125.6
192	19.9	14.5	21.7

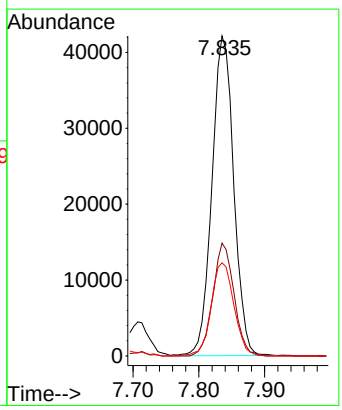


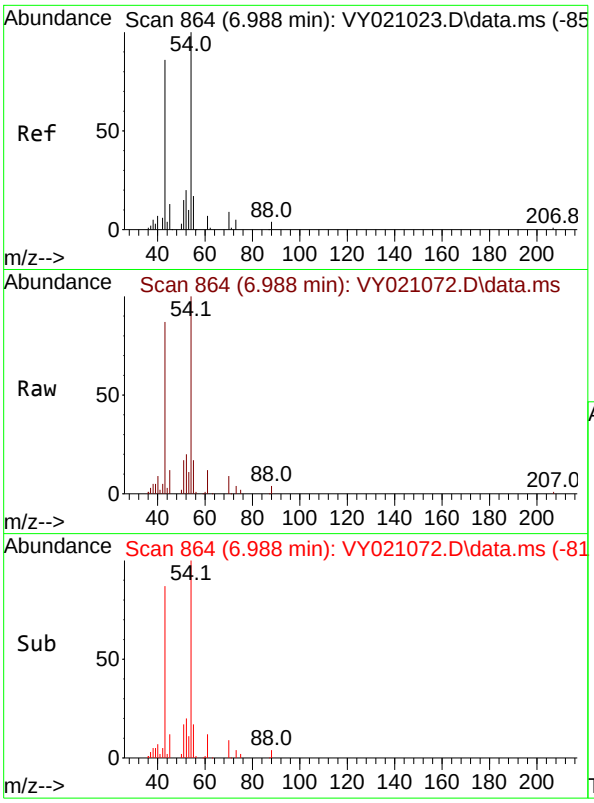


#36
1,1-Dichloropropene
Concen: 48.571 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 75 Resp: 97101

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.4	52.3
77	30.4	24.7	37.1



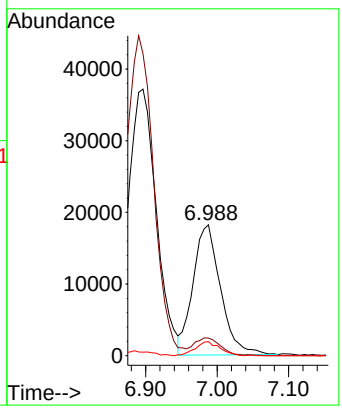


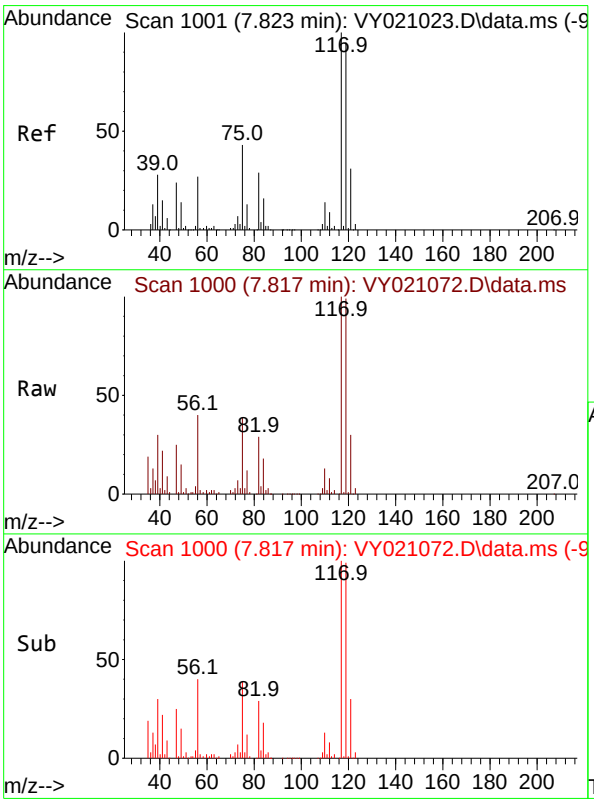
#37
Ethyl Acetate
Concen: 55.404 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 48590

Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.6
70	9.5	8.1	12.1

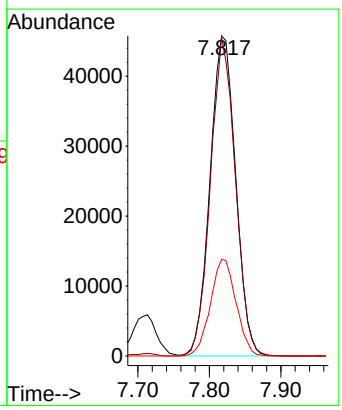


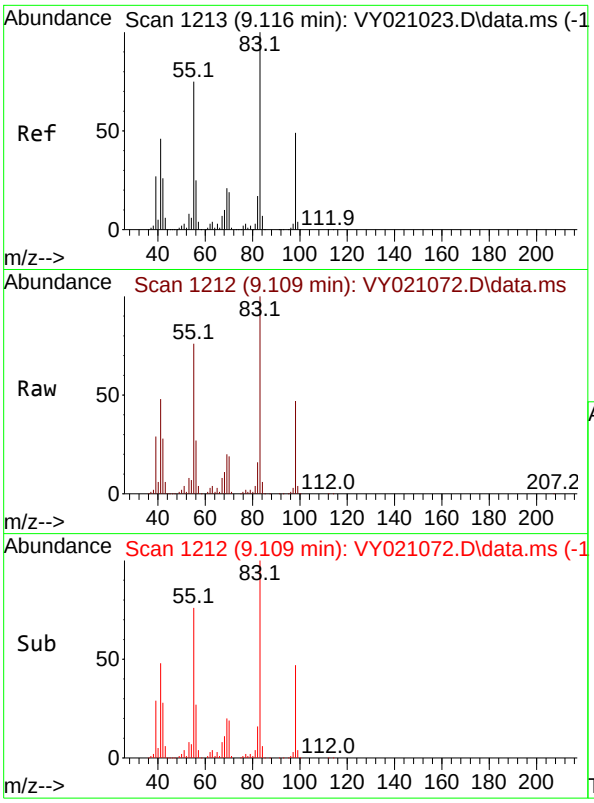


#38
Carbon Tetrachloride
Concen: 48.804 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:117 Resp: 114002

Ion	Ratio	Lower	Upper
117	100		
119	99.5	76.0	114.0
121	30.2	24.2	36.2



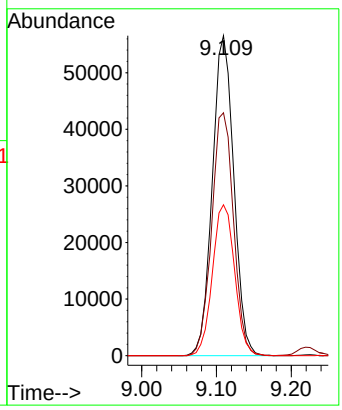


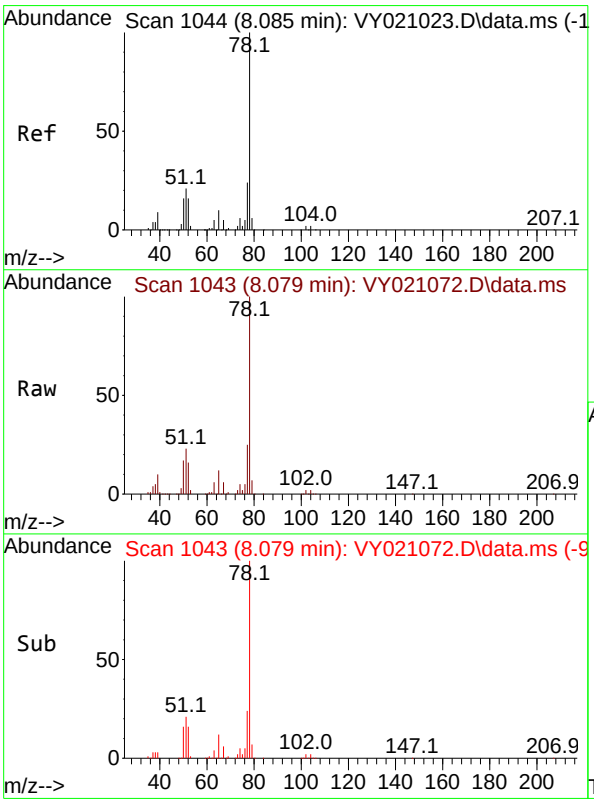
#39
Methylcyclohexane
Concen: 46.215 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 113013

Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.7	89.5
98	47.1	38.0	57.0

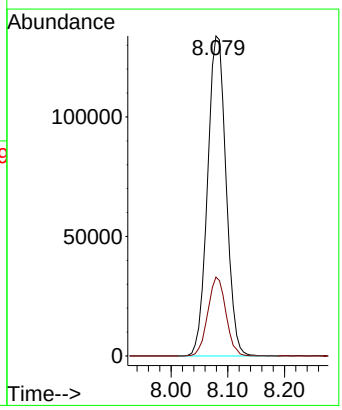


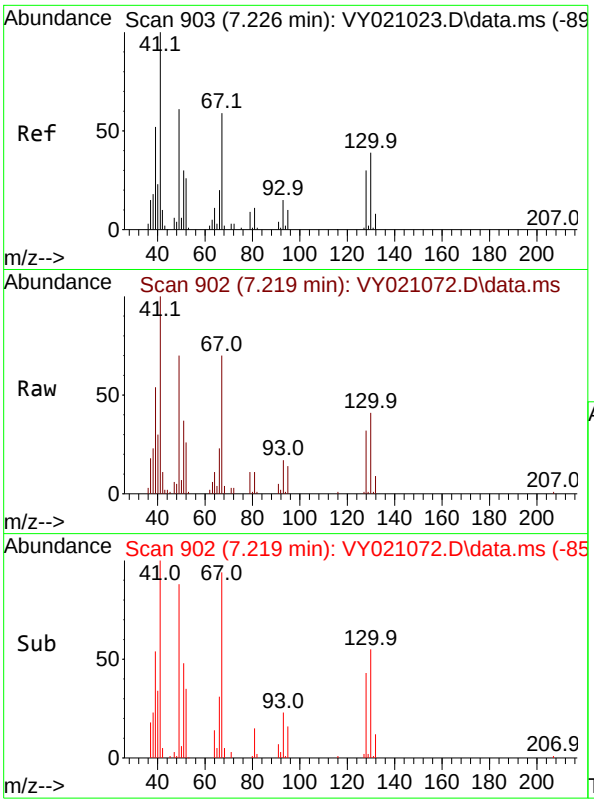


#40
Benzene
Concen: 51.795 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 78 Resp: 303872

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.8	28.2



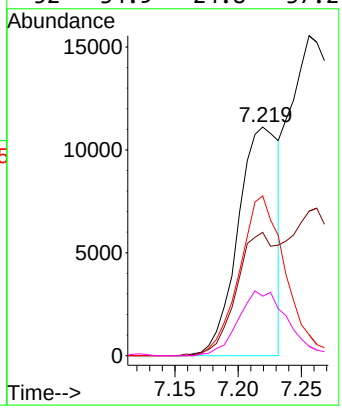


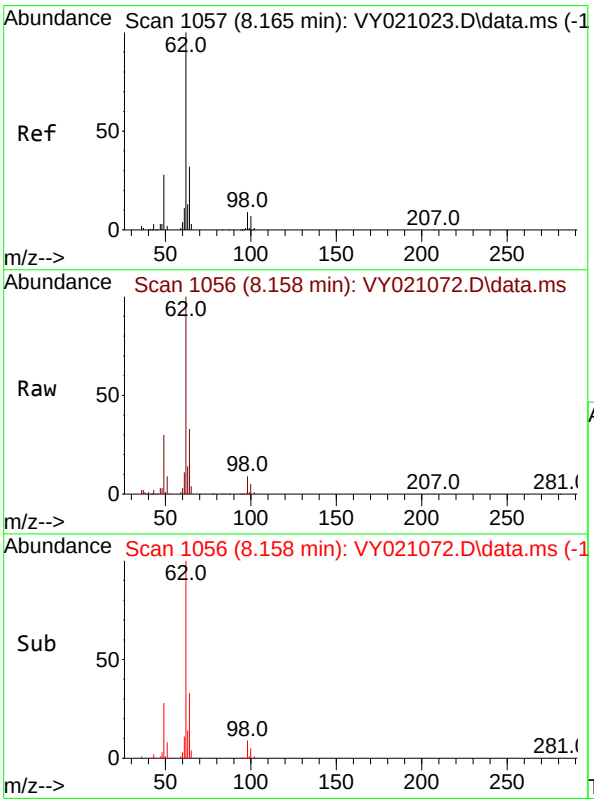
#41
Methacrylonitrile
Concen: 48.823 ug/l
RT: 7.219 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 24772

Ion	Ratio	Lower	Upper
41	100		
39	54.0	41.9	62.9
67	79.7	59.8	89.6
52	34.9	24.8	37.2

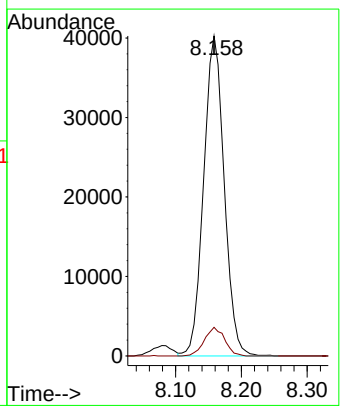


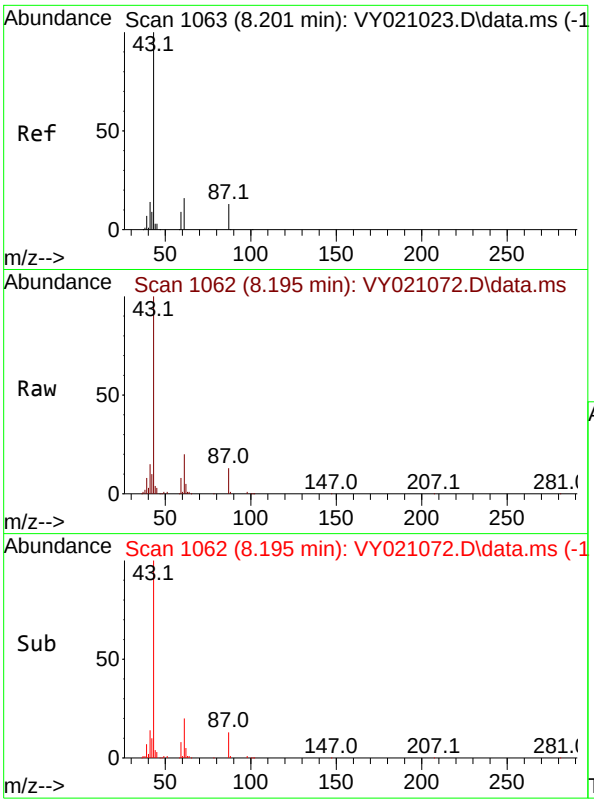


#42
1,2-Dichloroethane
Concen: 53.844 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 62 Resp: 87629

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	20.2



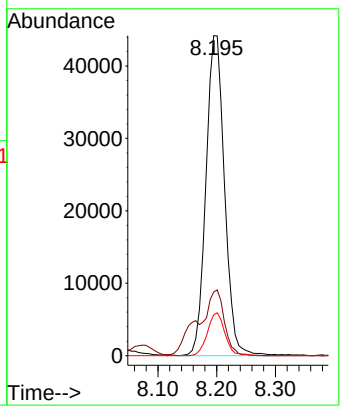


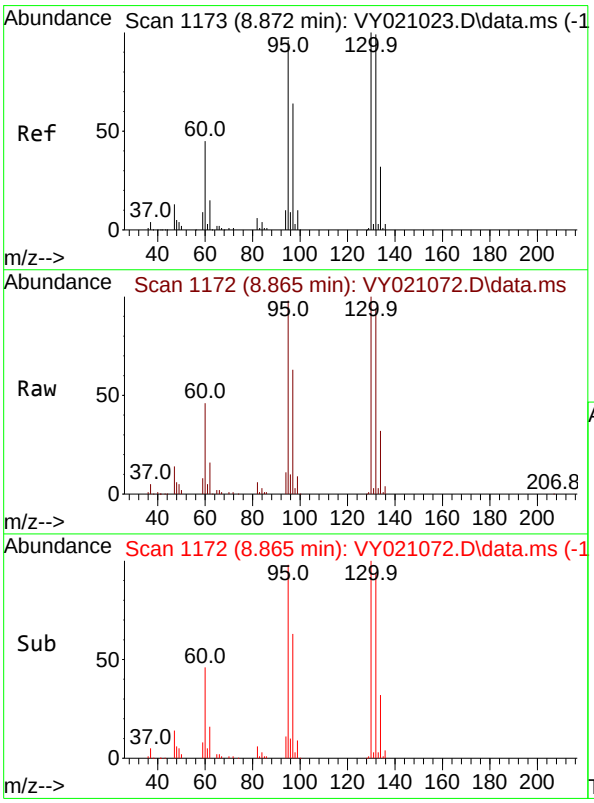
#43
Isopropyl Acetate
Concen: 55.722 ug/l
RT: 8.195 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 97103

Ion	Ratio	Lower	Upper
43	100		
61	20.0	24.8	37.2#
87	12.7	10.7	16.1

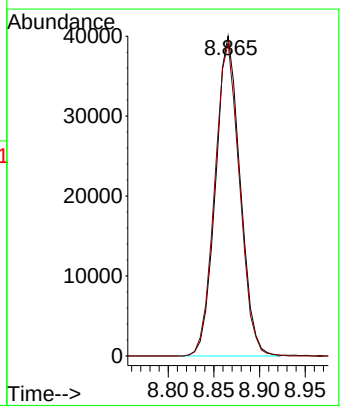


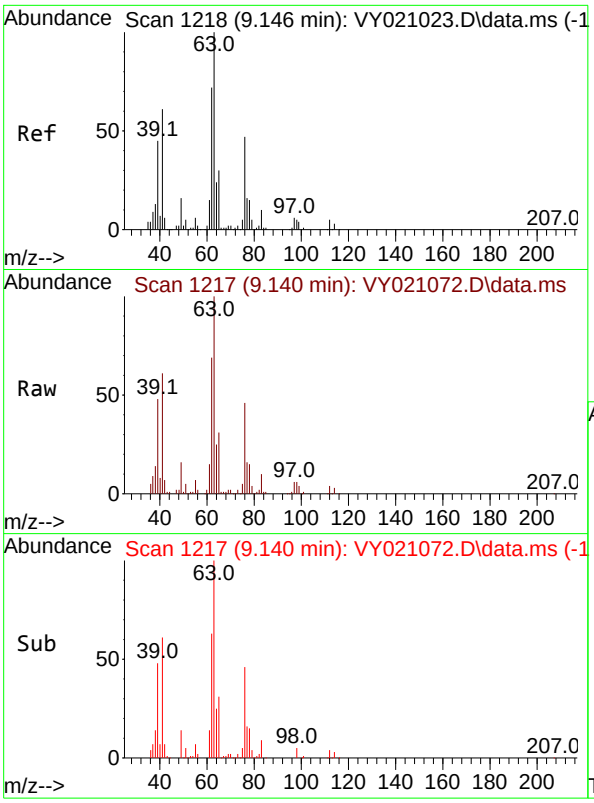


#44
Trichloroethene
Concen: 49.234 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:130 Resp: 74627

Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	203.8



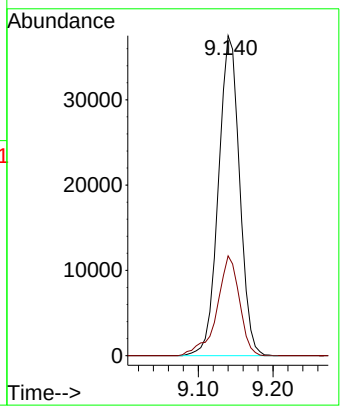


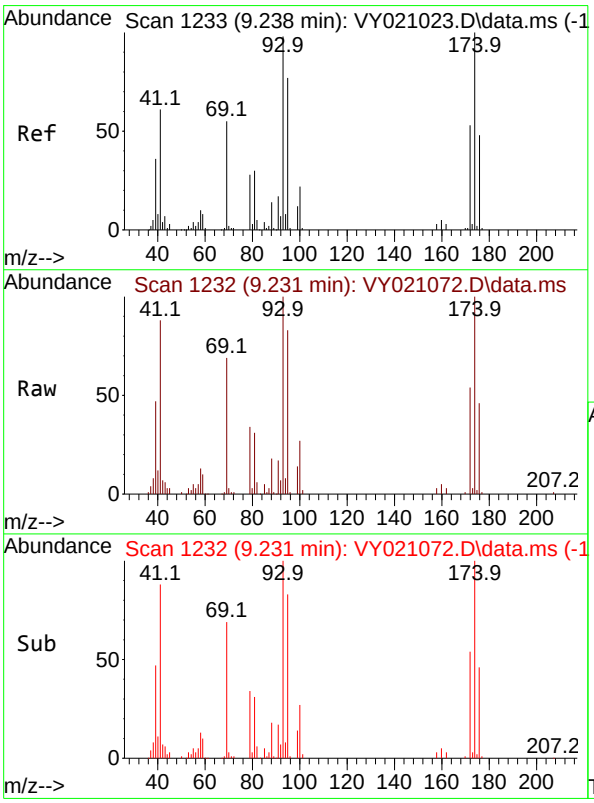
#45
1,2-Dichloropropane
Concen: 52.913 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 73681

Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.6	36.8

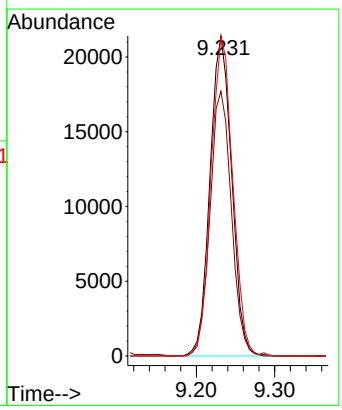


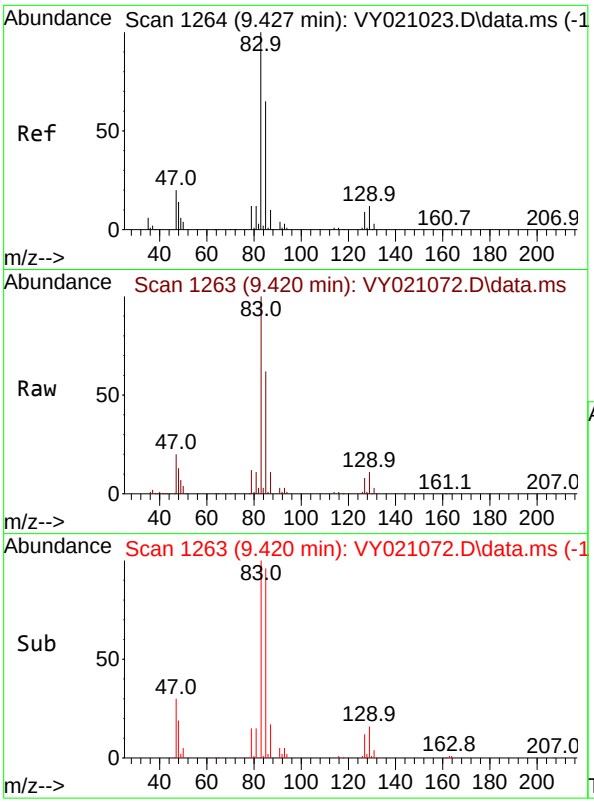


#46
Dibromomethane
Concen: 53.393 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 93 Resp: 41166

Ion	Ratio	Lower	Upper
93	100		
95	81.6	66.6	99.8
174	99.7	73.8	110.6



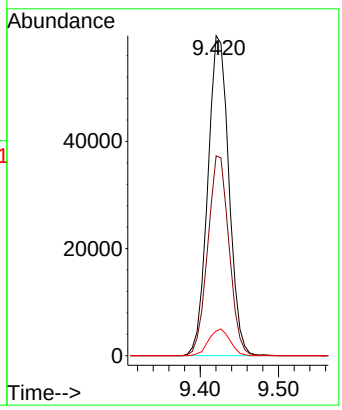


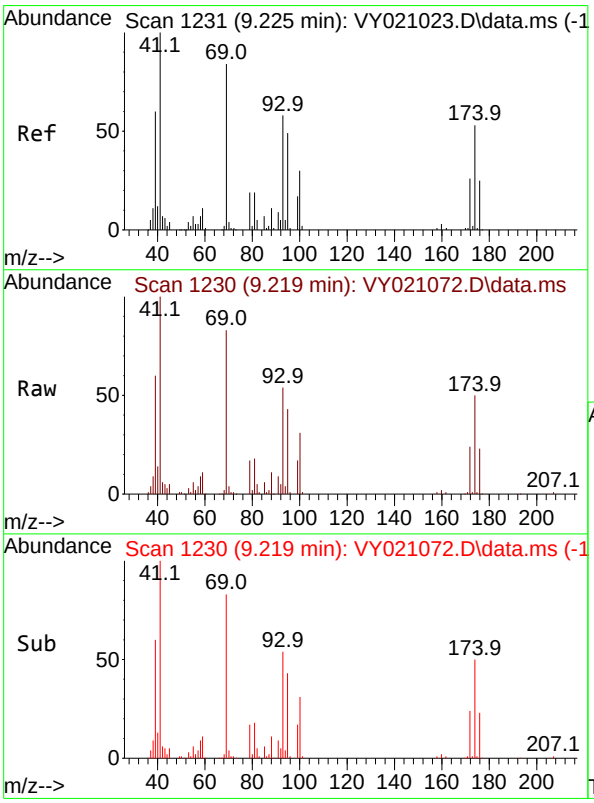
#47
Bromodichloromethane
Concen: 53.973 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 111604

Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.2	79.8
127	7.7	6.4	9.6

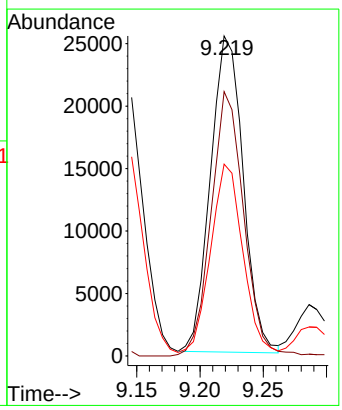


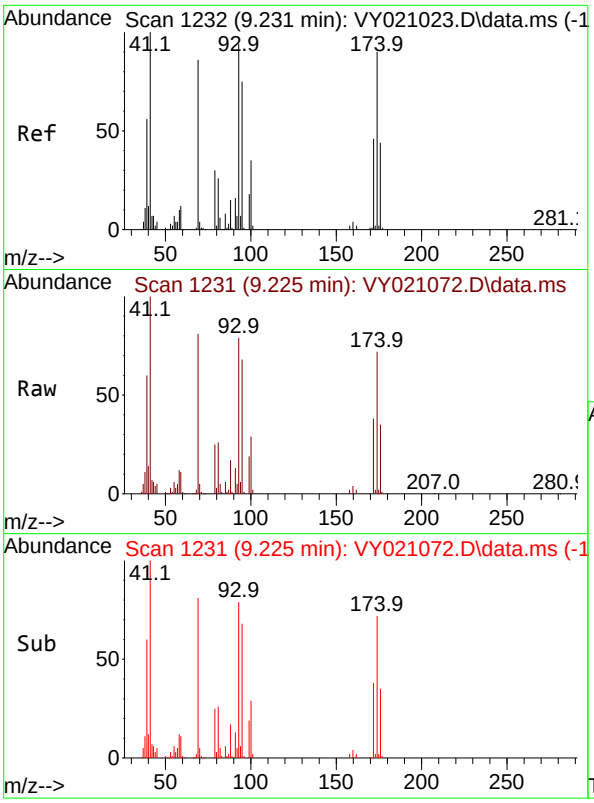


#48
Methyl methacrylate
Concen: 57.418 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 41 Resp: 45578

Ion	Ratio	Lower	Upper
41	100		
69	83.4	72.1	108.1
39	58.5	42.8	64.2



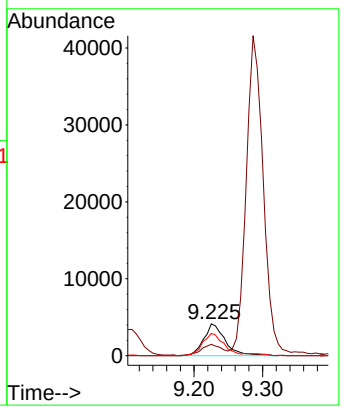


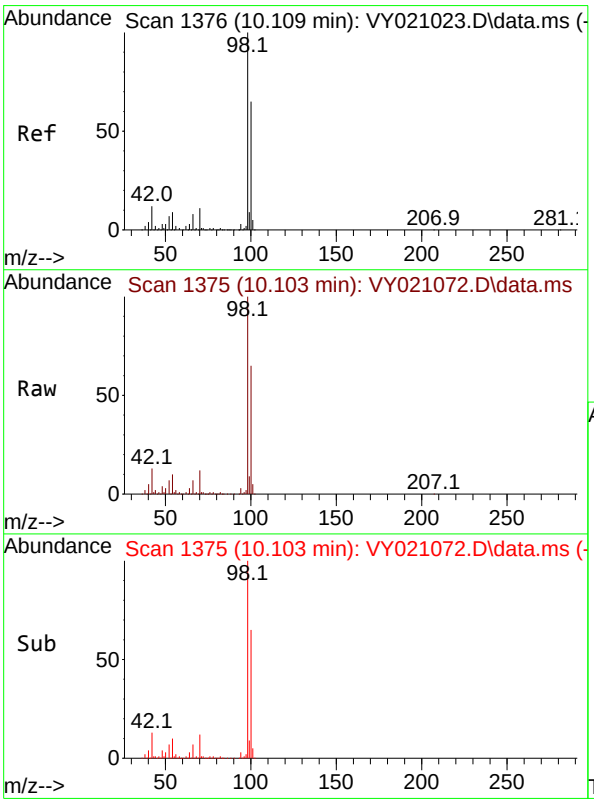
#49
1,4-Dioxane
Concen: 1249.757 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 8970

Ion	Ratio	Lower	Upper
88	100		
43	35.4	28.2	42.4
58	75.2	52.2	78.2

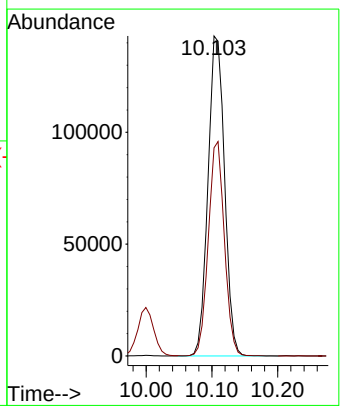


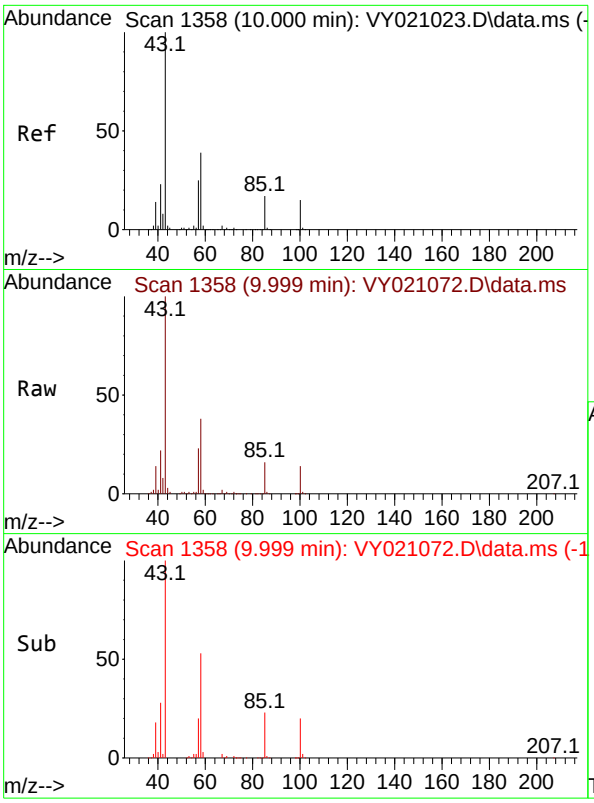


#50
Toluene-d8
Concen: 48.824 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 98 Resp: 250882

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5



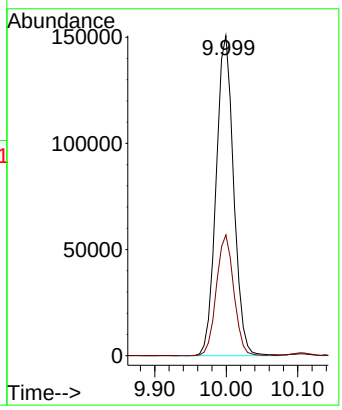


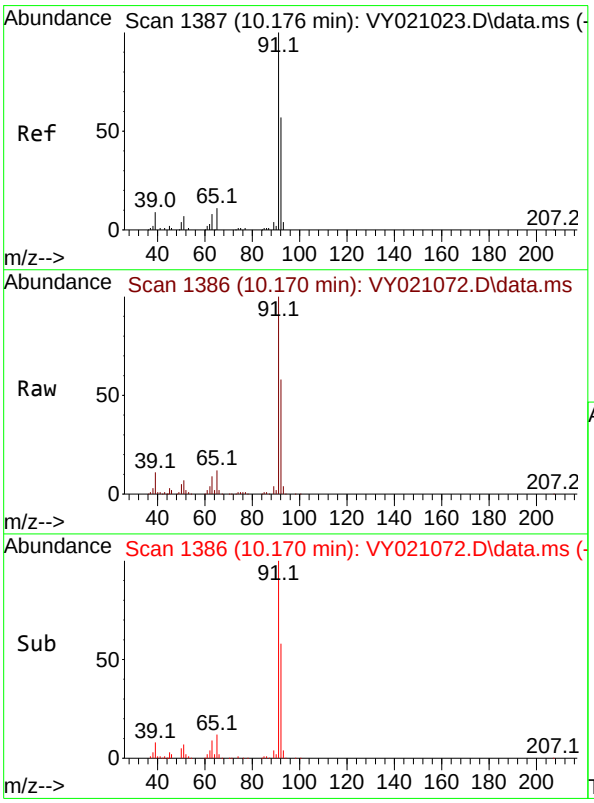
#51
4-Methyl-2-Pentanone
Concen: 292.898 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 256673

Ion	Ratio	Lower	Upper
43	100		
58	37.7	32.2	48.2

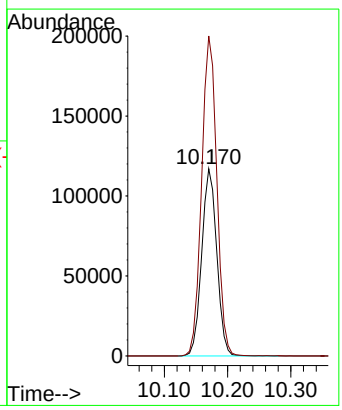


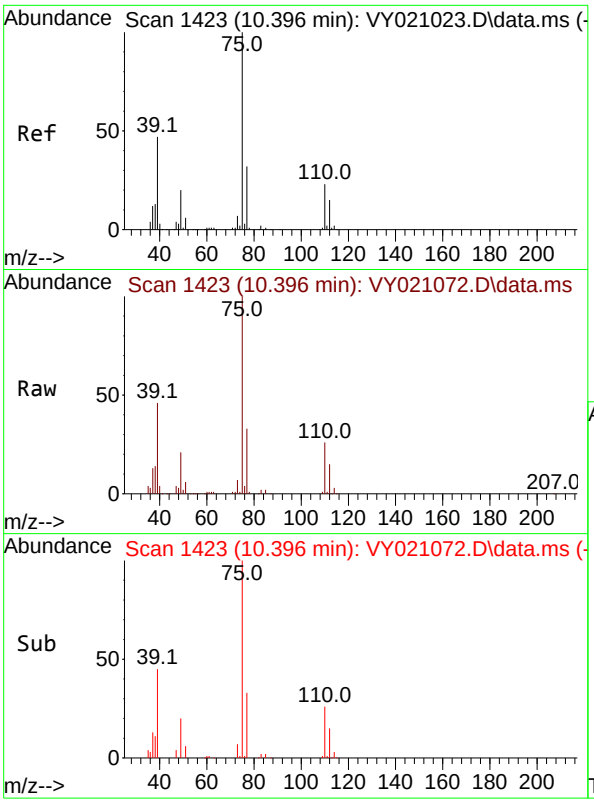


#52
Toluene
Concen: 52.630 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 92 Resp: 193877

Ion	Ratio	Lower	Upper
92	100		
91	172.5	137.6	206.4



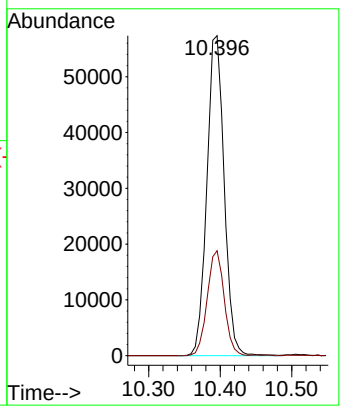


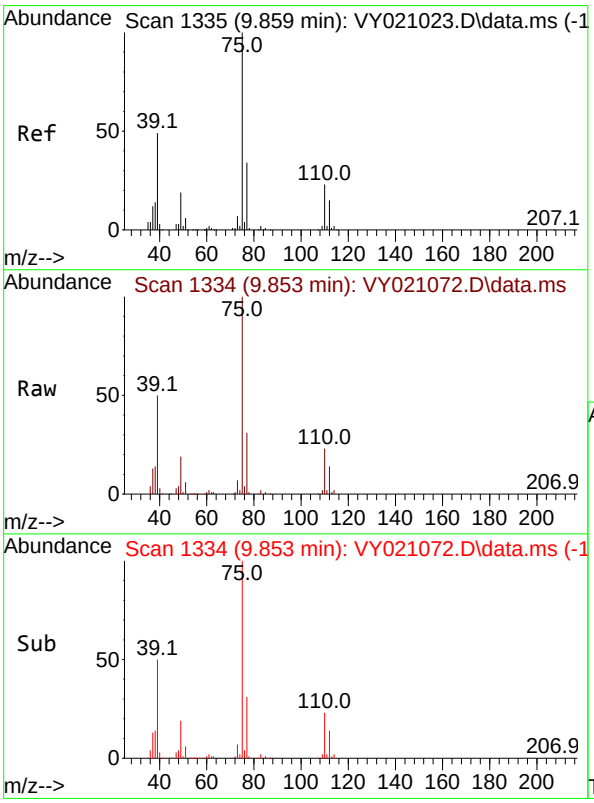
#53
t-1,3-Dichloropropene
Concen: 51.890 ug/l
RT: 10.396 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 96343

Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.6	36.8

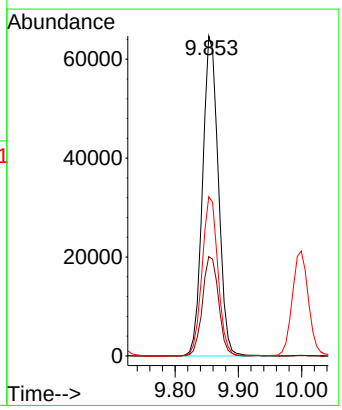


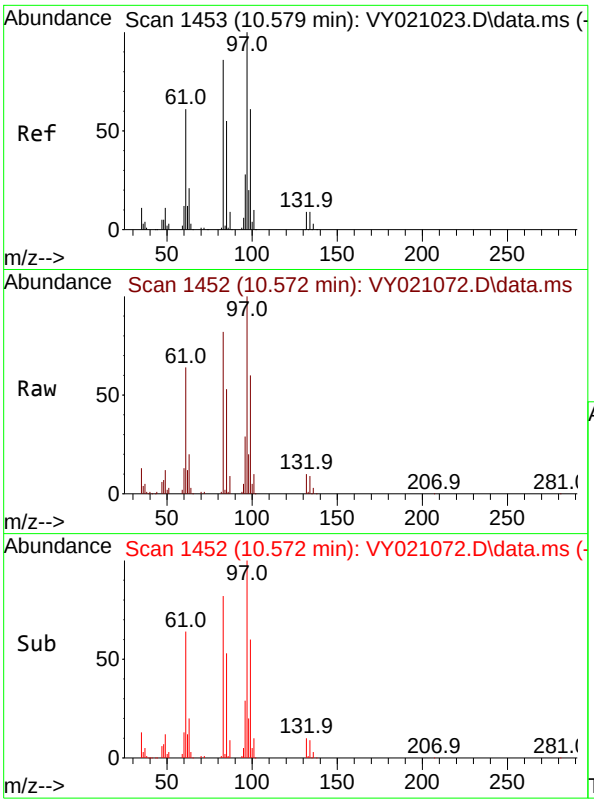


#54
cis-1,3-Dichloropropene
Concen: 51.101 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 75 Resp: 112339

Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.6	36.8
39	49.8	33.6	50.4



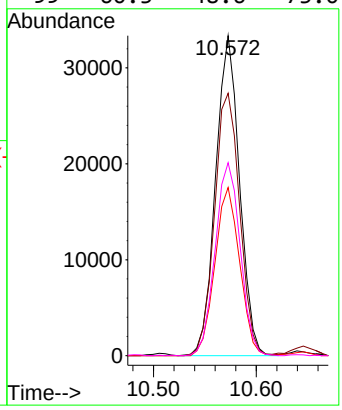


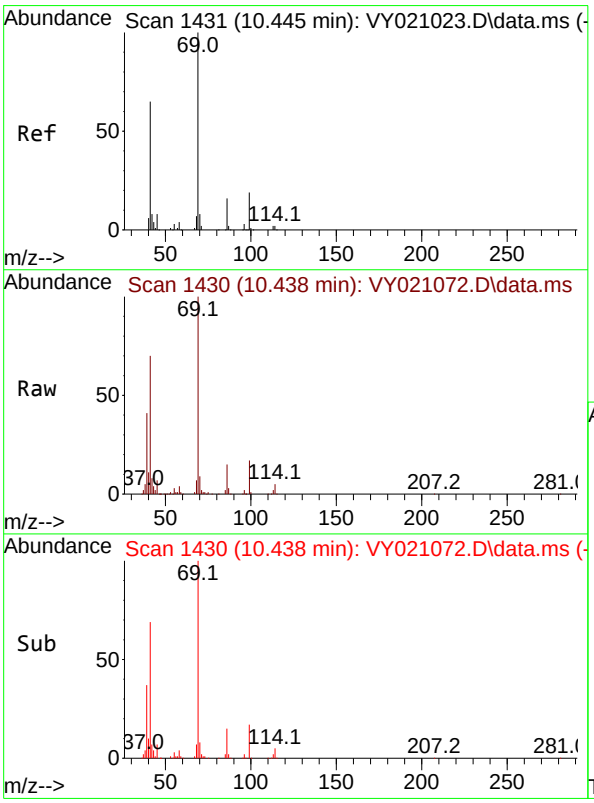
#55
1,1,2-Trichloroethane
Concen: 54.027 ug/l
RT: 10.572 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 53940

Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.4	104.2
85	52.6	43.9	65.9
99	60.3	48.6	73.0

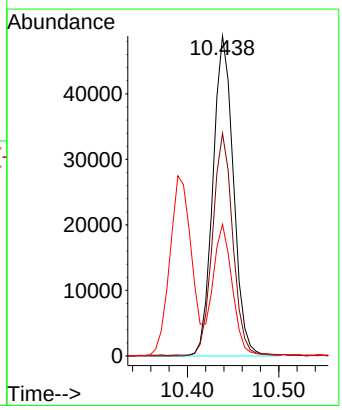


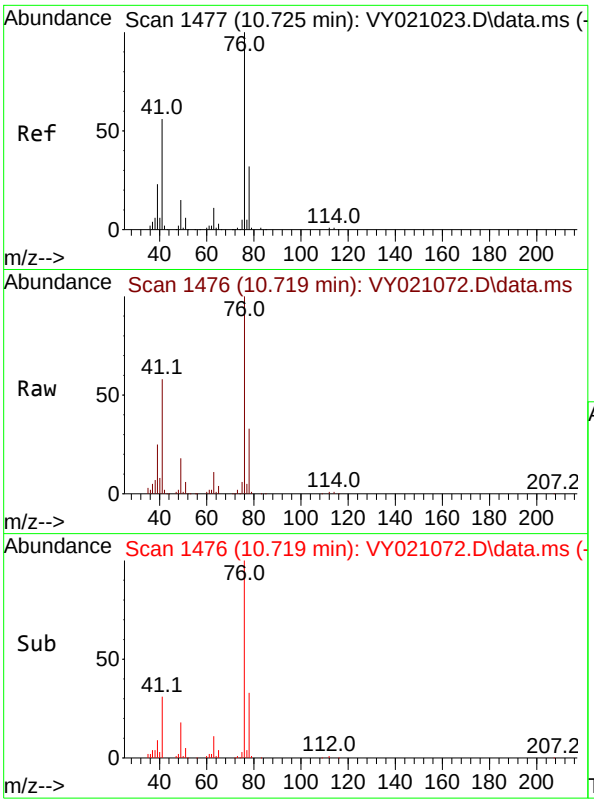


#56
Ethyl methacrylate
Concen: 57.055 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 69 Resp: 76205

Ion	Ratio	Lower	Upper
69	100		
41	68.5	49.2	73.8
39	39.3	26.8	40.2



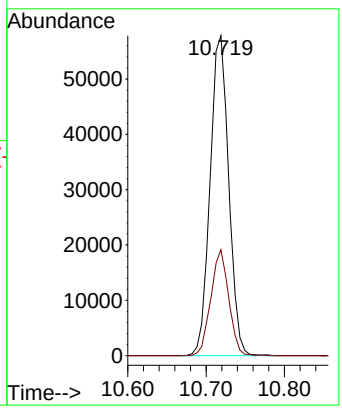


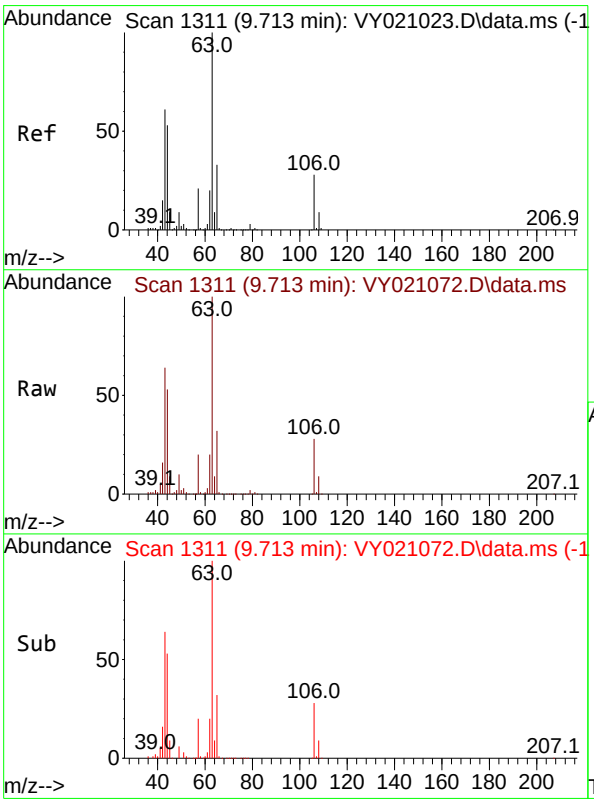
#57
1,3-Dichloropropane
Concen: 55.253 ug/l
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 95483

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.1	39.1

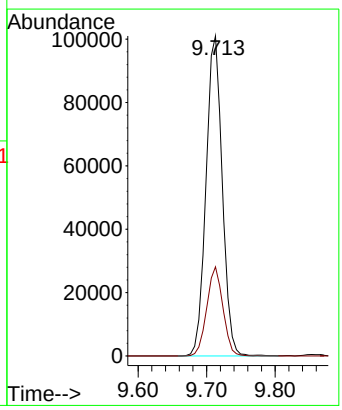


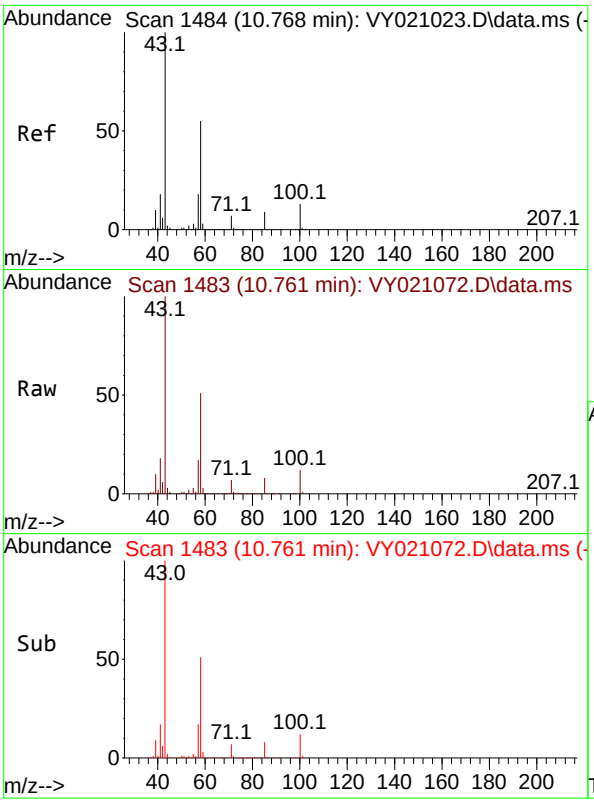


#58
2-Chloroethyl Vinyl ether
Concen: 262.084 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 63 Resp: 166533

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.4	33.6



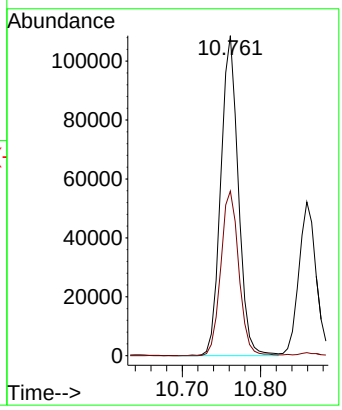


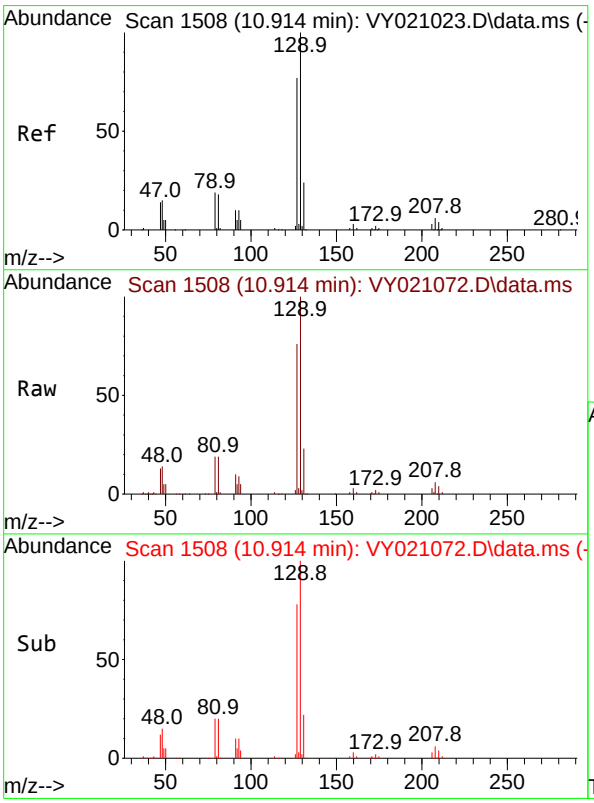
#59
2-Hexanone
Concen: 299.543 ug/l
RT: 10.761 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 169011

Ion	Ratio	Lower	Upper
43	100		
58	53.0	28.1	84.3

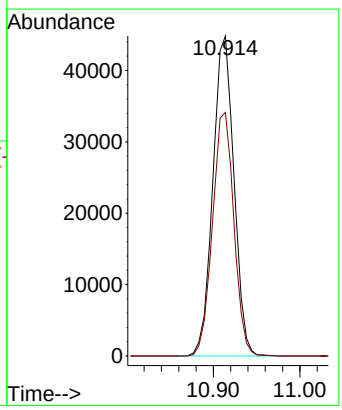


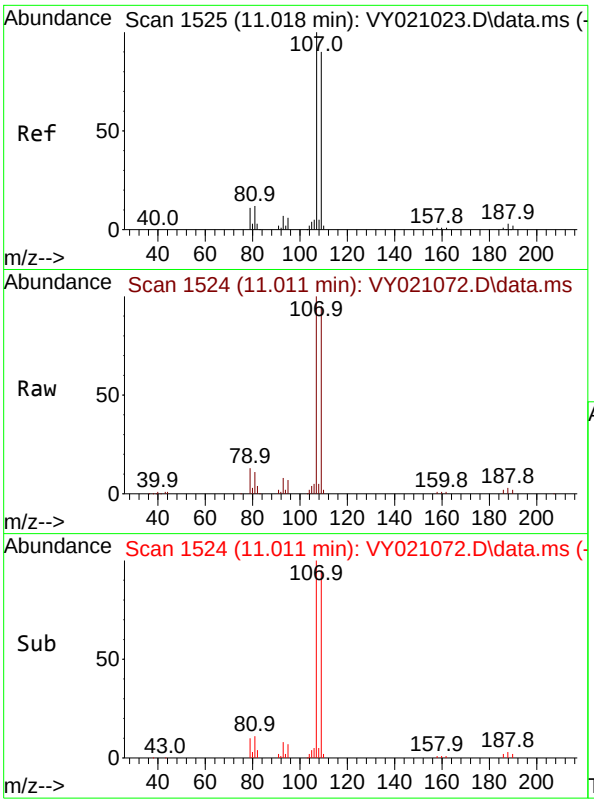


#60
Dibromochloromethane
Concen: 53.990 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:129 Resp: 75699

Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.2	117.6



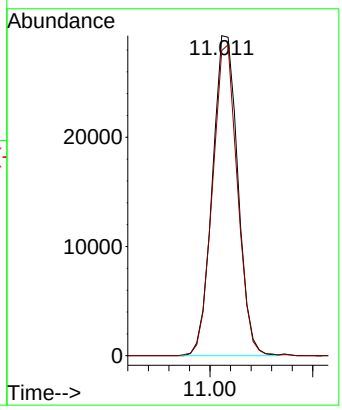


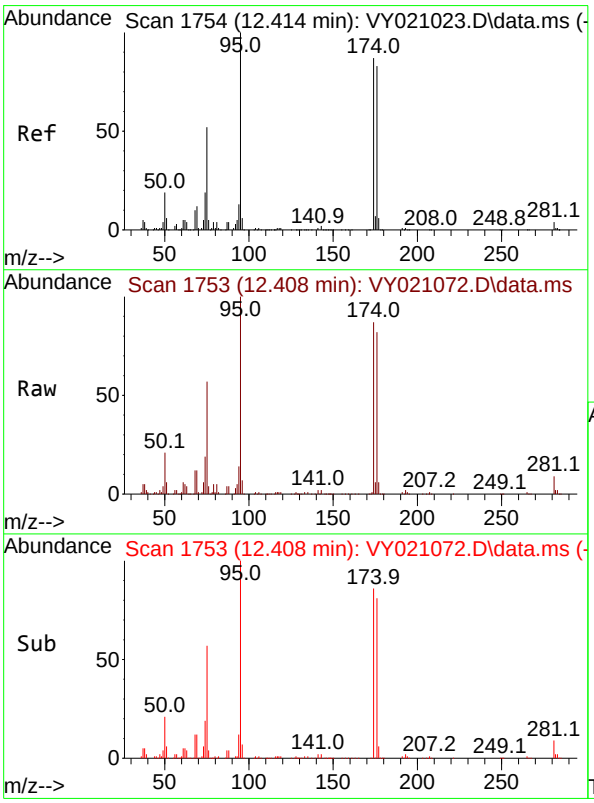
#61
1,2-Dibromoethane
Concen: 53.762 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 50277

Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.4	113.2

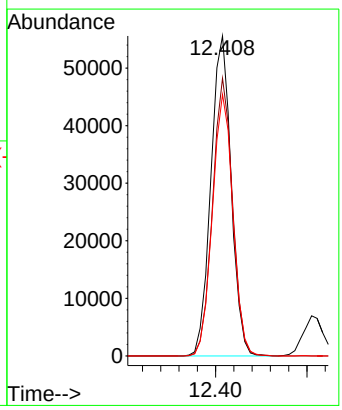


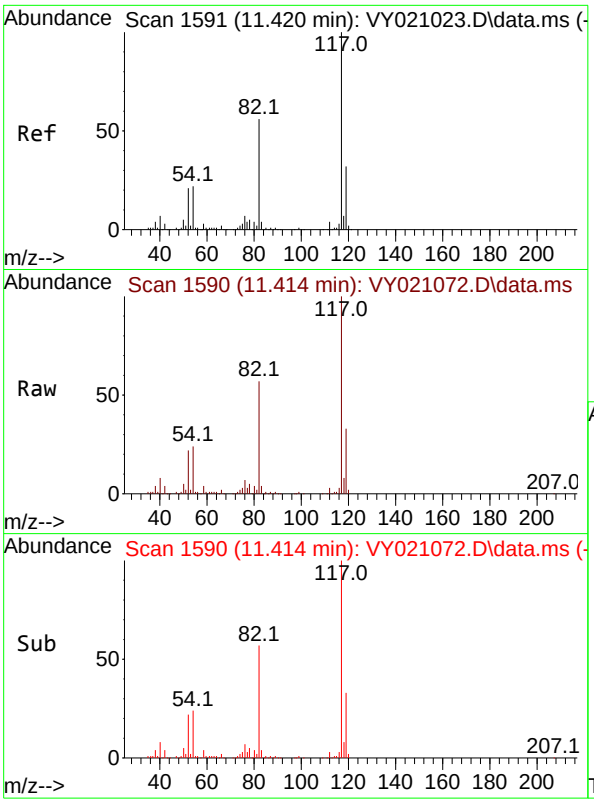


#62
4-Bromofluorobenzene
Concen: 50.843 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 95 Resp: 85350

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	160.0
176	82.7	0.0	151.8



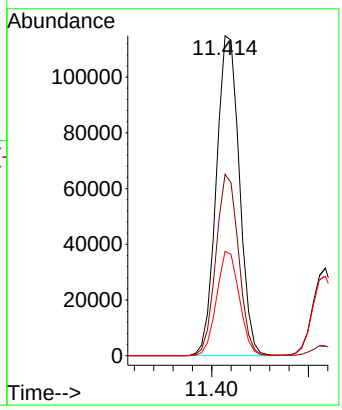


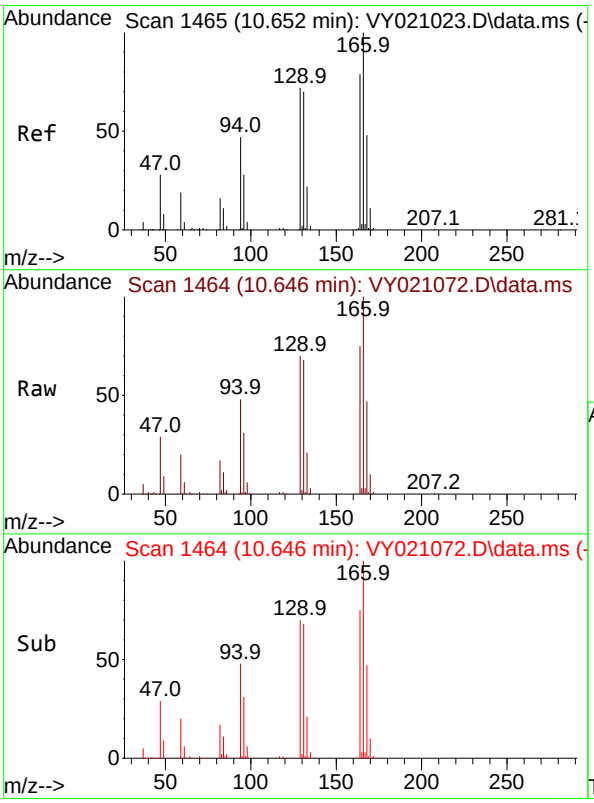
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 189906

Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.8	65.8
119	32.6	26.5	39.7

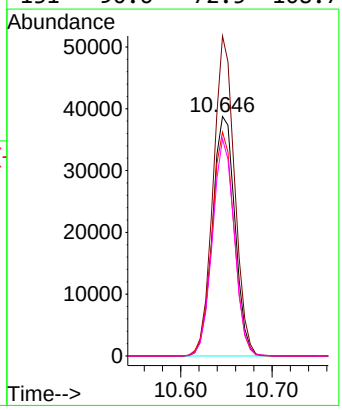


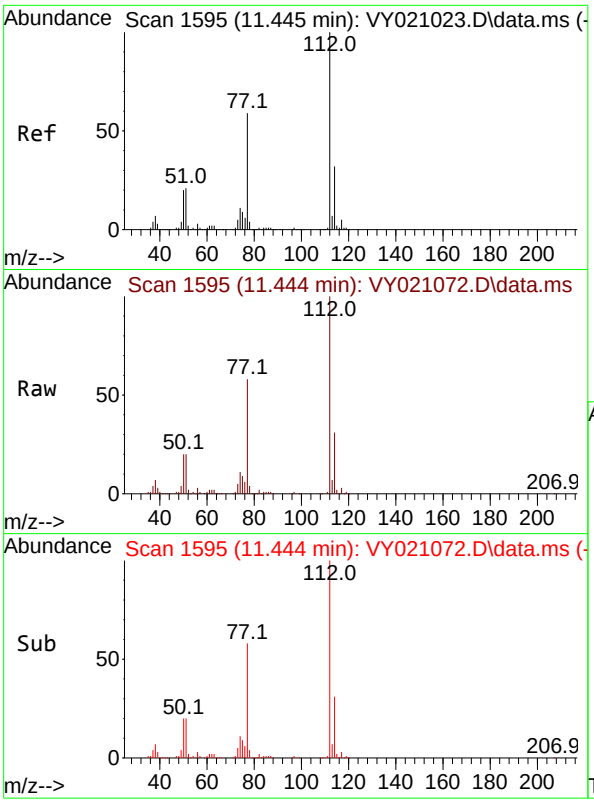


#64
Tetrachloroethene
Concen: 46.933 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:164 Resp: 66164

Ion	Ratio	Lower	Upper
164	100		
166	133.6	98.8	148.2
129	93.4	78.9	118.3
131	90.6	72.5	108.7



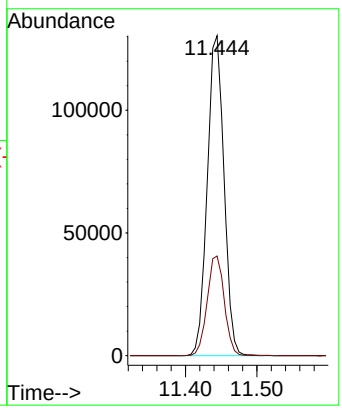


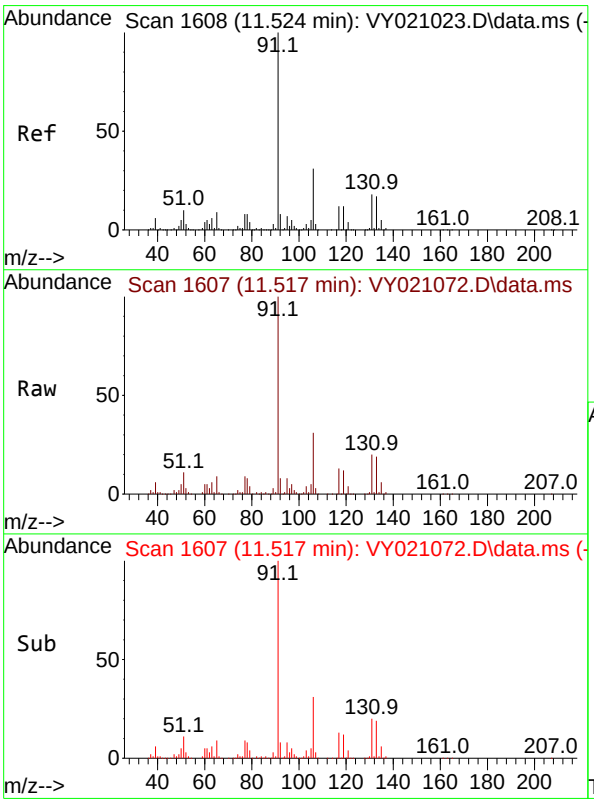
#65
Chlorobenzene
Concen: 50.097 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:112 Resp: 211838

Ion	Ratio	Lower	Upper
112	100		
114	31.1	26.1	39.1

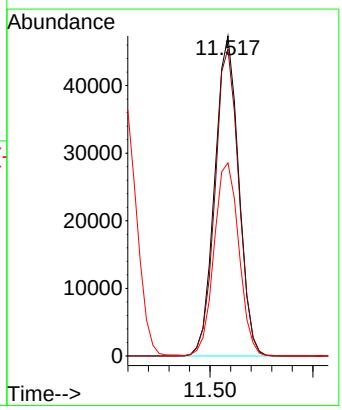


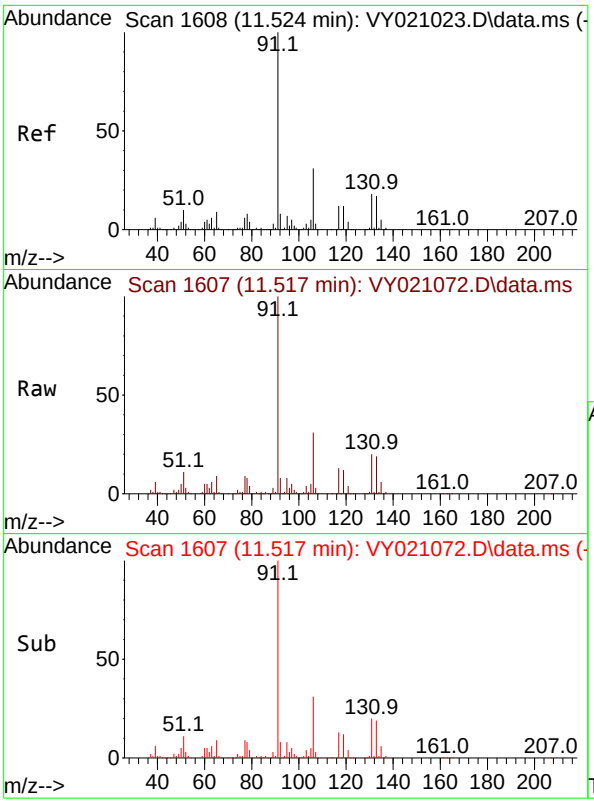


#66
1,1,1,2-Tetrachloroethane
Concen: 50.821 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:131 Resp: 76369

Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.0	141.0
119	62.7	33.3	99.9



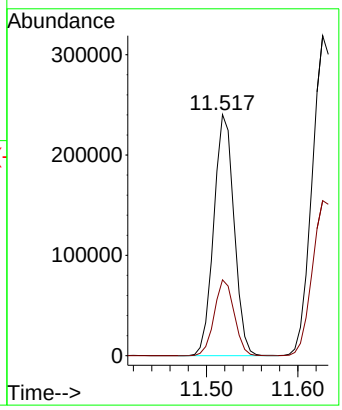


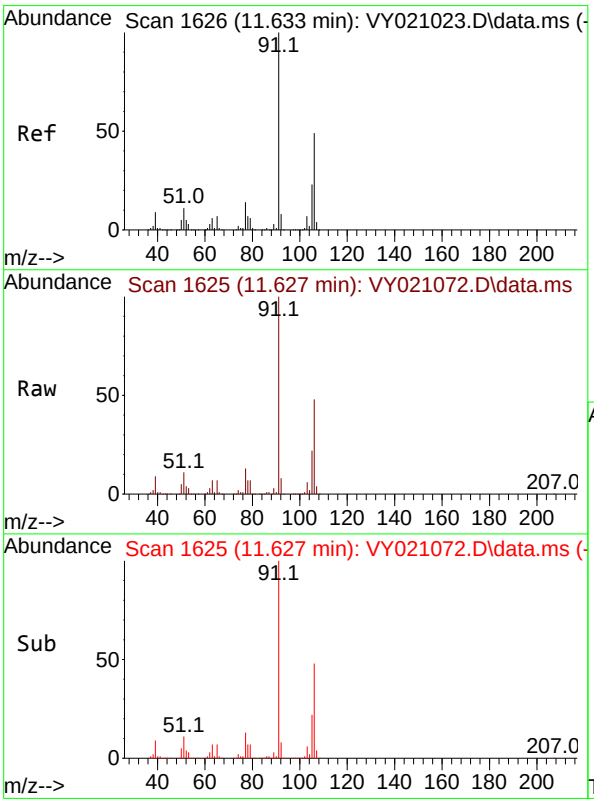
#67
Ethyl Benzene
Concen: 49.642 ug/l
RT: 11.517 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 371283

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.0	37.4

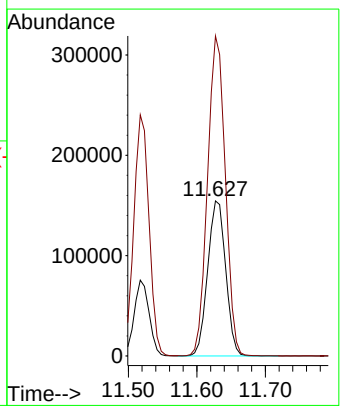


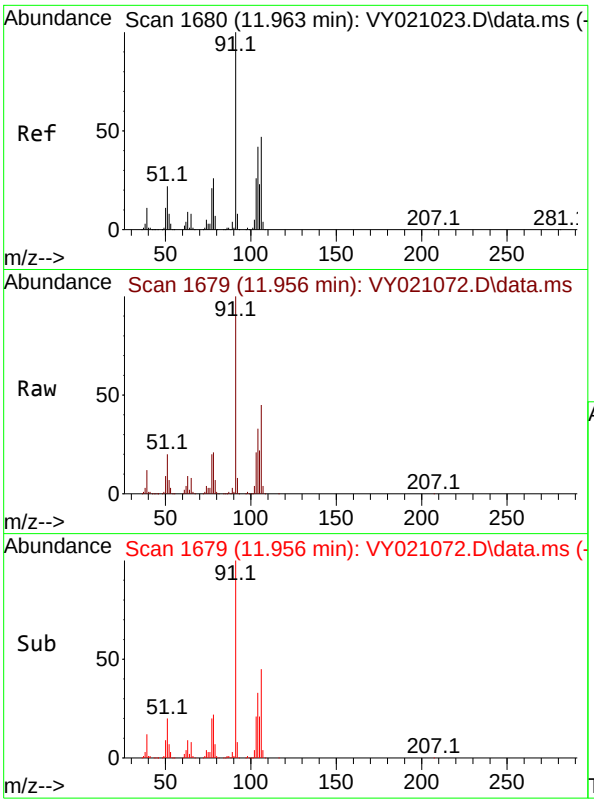


#68
m/p-Xylenes
Concen: 100.663 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:106 Resp: 281654

Ion	Ratio	Lower	Upper
106	100		
91	204.1	160.7	241.1



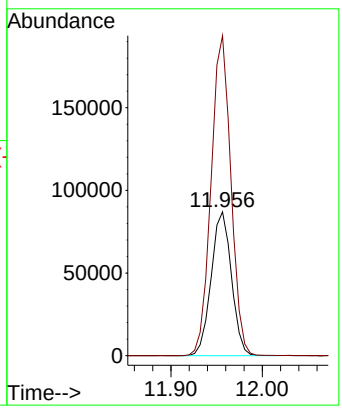


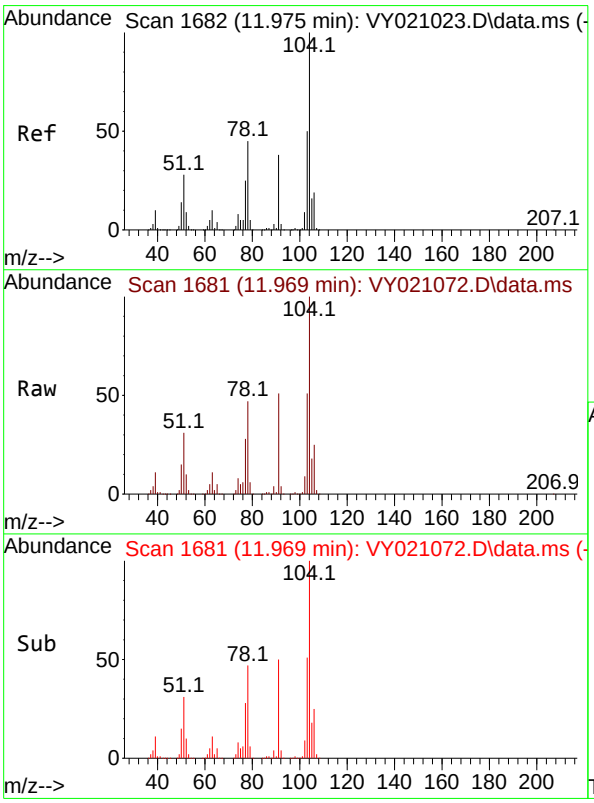
#69
o-Xylene
Concen: 51.357 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 133972

Ion	Ratio	Lower	Upper
106	100		
91	217.7	106.5	319.5

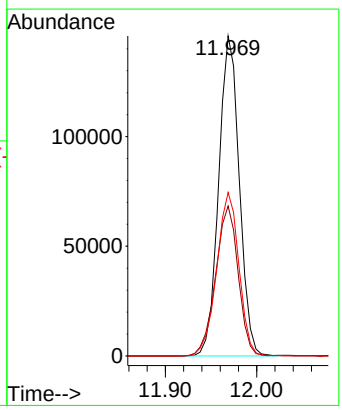


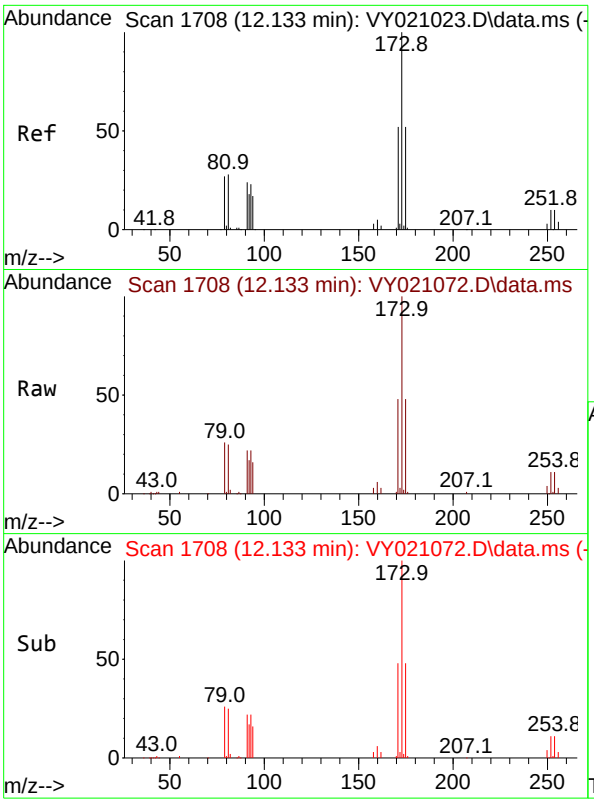


#70
Styrene
Concen: 52.614 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:104 Resp: 228755

Ion	Ratio	Lower	Upper
104	100		
78	51.2	39.2	58.8
103	55.1	43.8	65.6



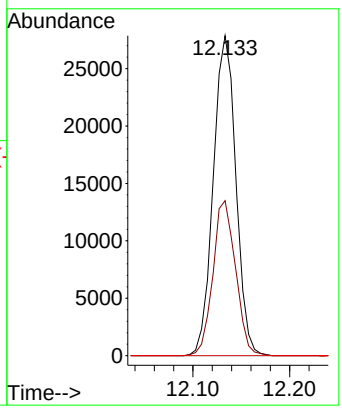


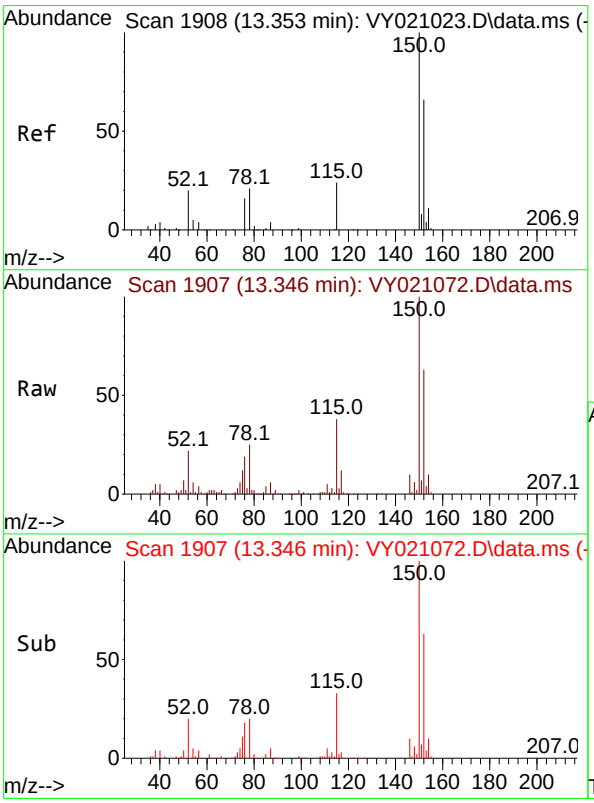
#71
Bromoform
Concen: 54.105 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:173 Resp: 45256

Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.5	70.6
254	0.0	0.0	0.0

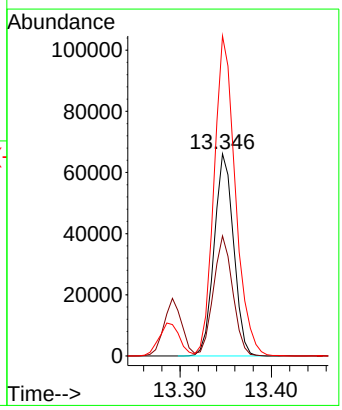


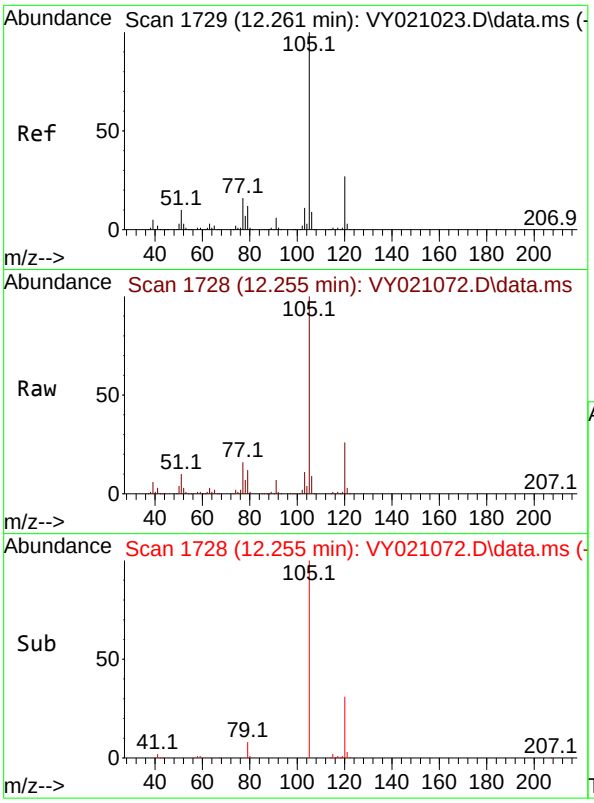


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:152 Resp: 97829

Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.0	90.0
150	173.4	0.0	344.6



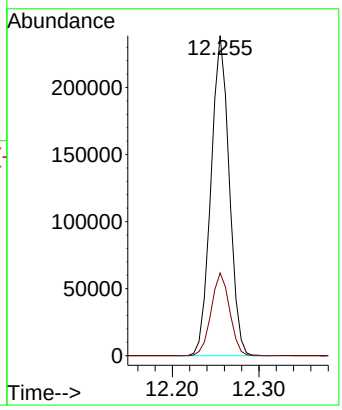


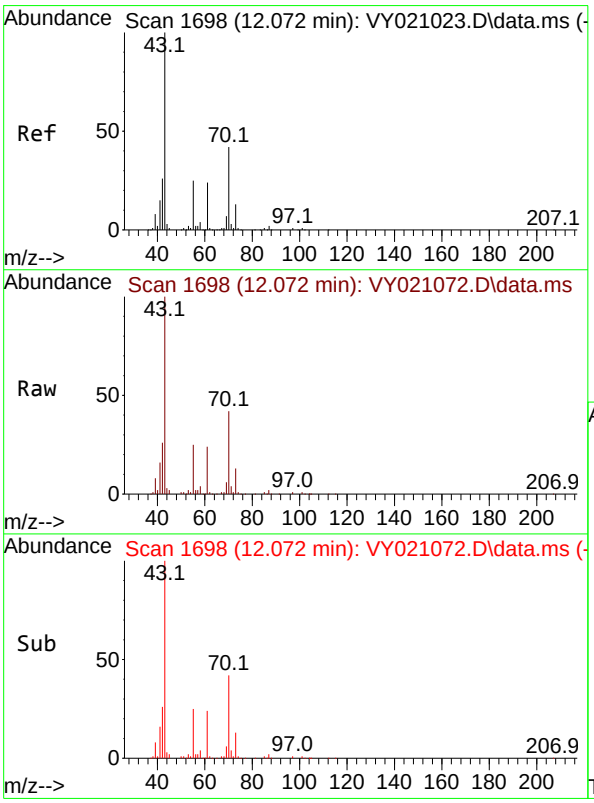
#73
Isopropylbenzene
Concen: 45.703 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 349258

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	39.0

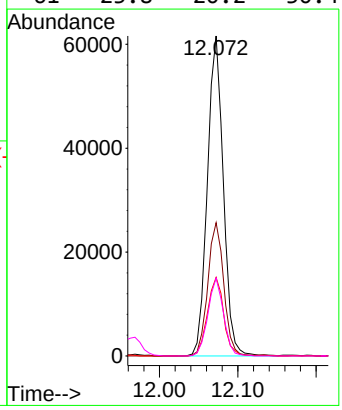


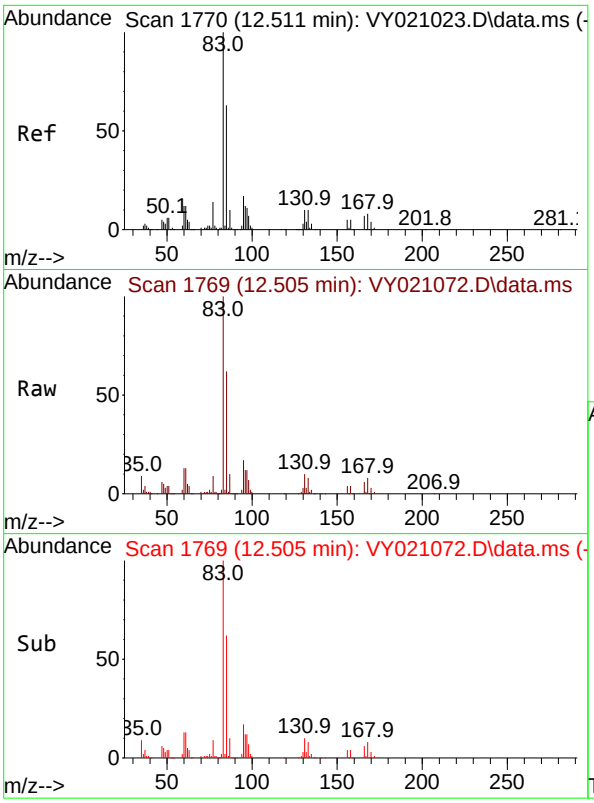


#74
N-amyl acetate
Concen: 52.137 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 43 Resp: 87107

Ion	Ratio	Lower	Upper
43	100		
70	41.7	36.6	55.0
55	25.0	22.2	33.4
61	23.8	20.2	30.4



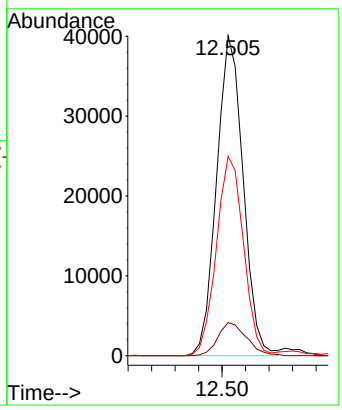


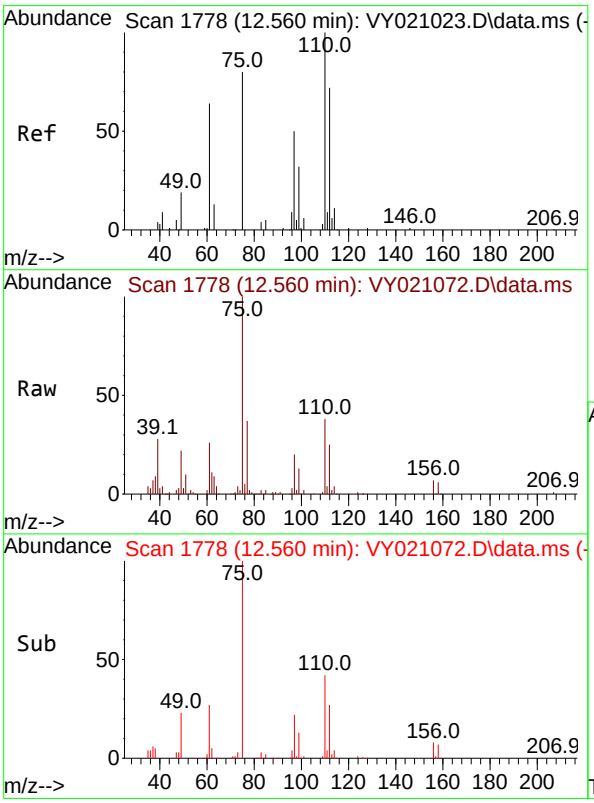
#75
1,1,2,2-Tetrachloroethane
Concen: 49.537 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 62958

Ion	Ratio	Lower	Upper
83	100		
131	11.2	4.9	14.6
85	63.5	32.6	98.0

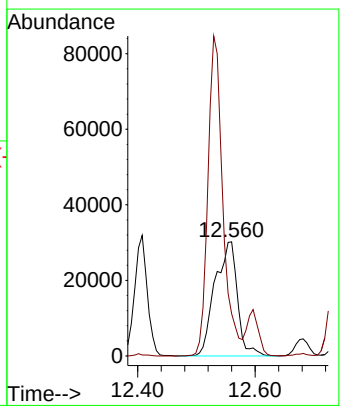


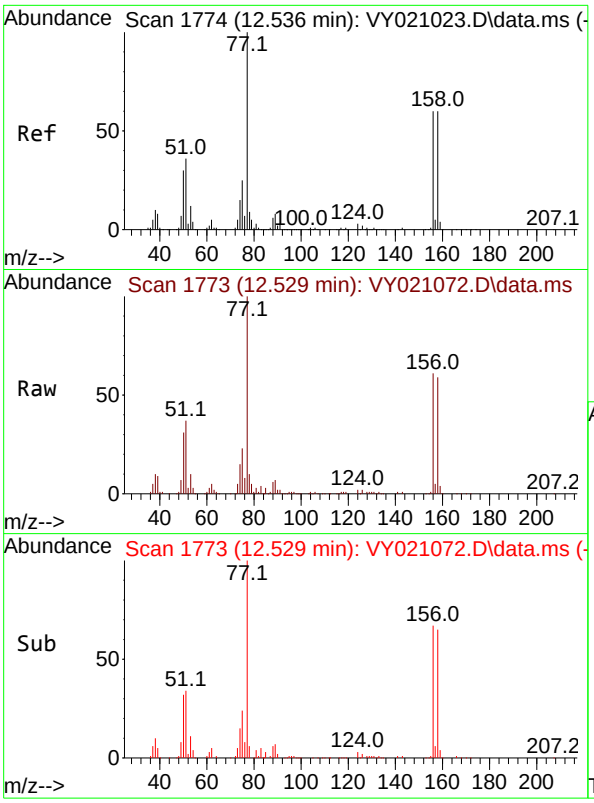


#76
1,2,3-Trichloropropane
Concen: 90.441 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 75 Resp: 80260

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



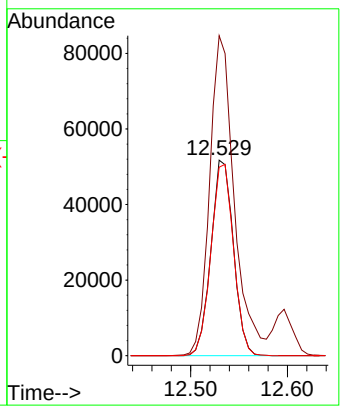


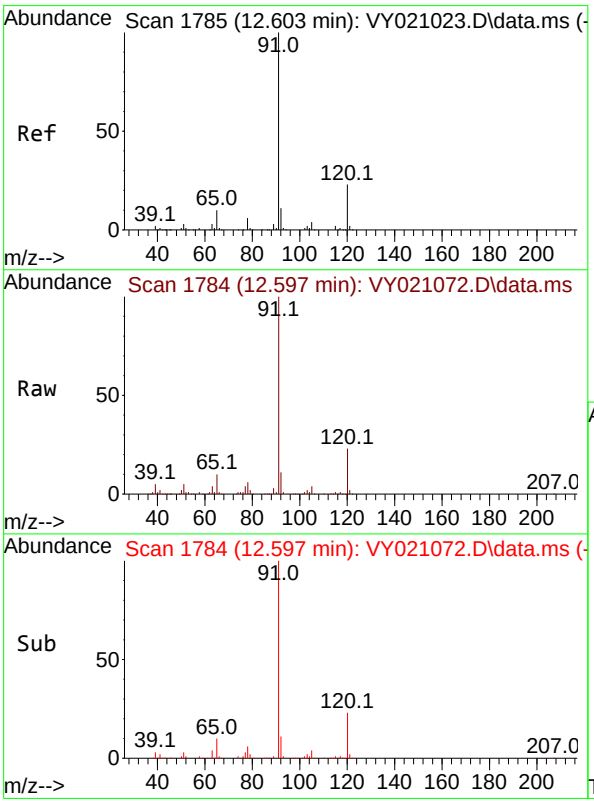
#77
Bromobenzene
Concen: 47.328 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 83462

Ion	Ratio	Lower	Upper
156	100		
77	180.1	97.3	291.8
158	98.7	48.4	145.0

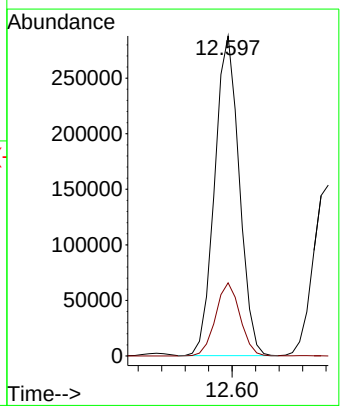


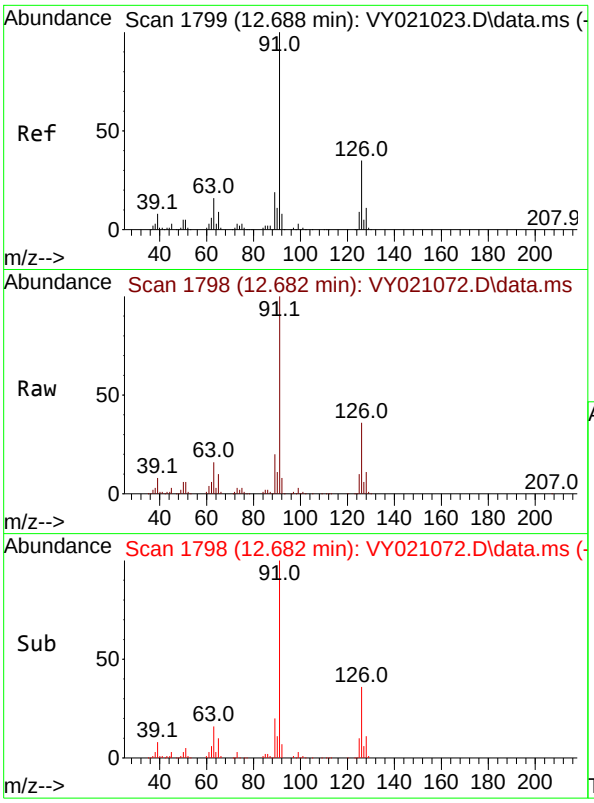


#78
n-propylbenzene
Concen: 45.892 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 91 Resp: 417760

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.0	33.0



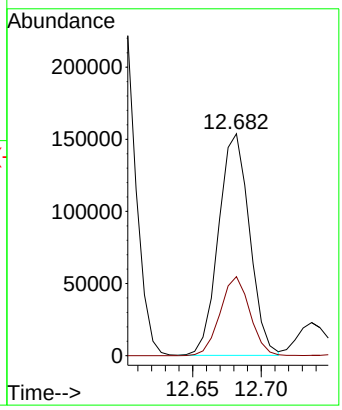


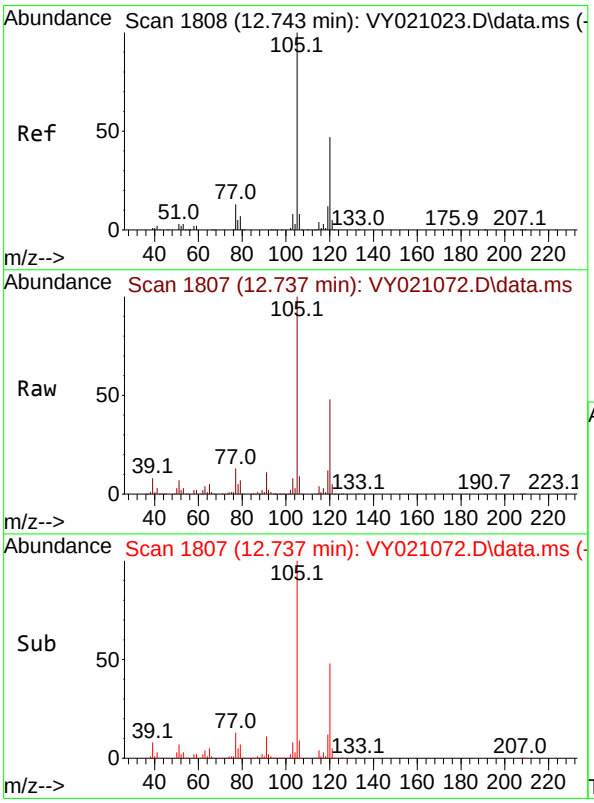
#79
2-Chlorotoluene
Concen: 46.455 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 242205

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	51.0

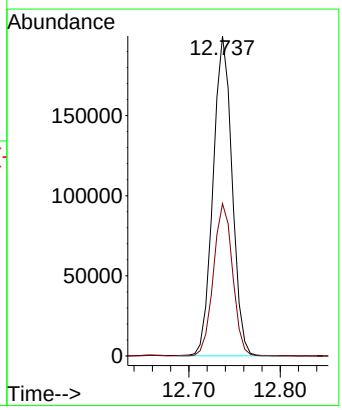


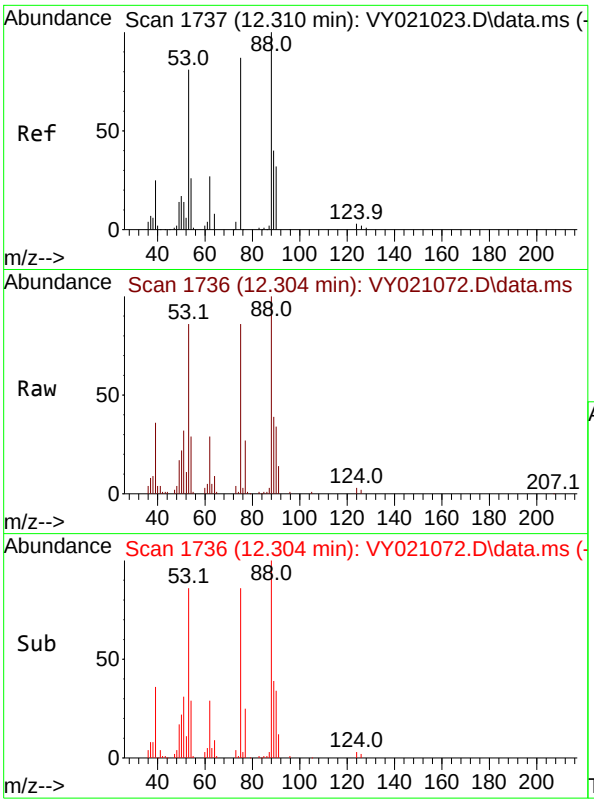


#80
1,3,5-Trimethylbenzene
Concen: 46.542 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:105 Resp: 288366

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.3	72.8



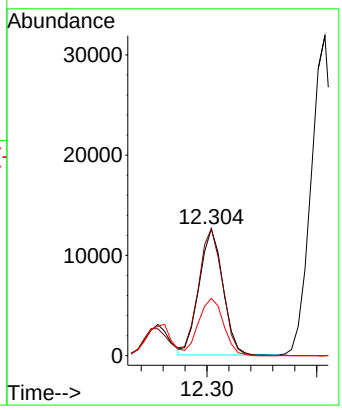


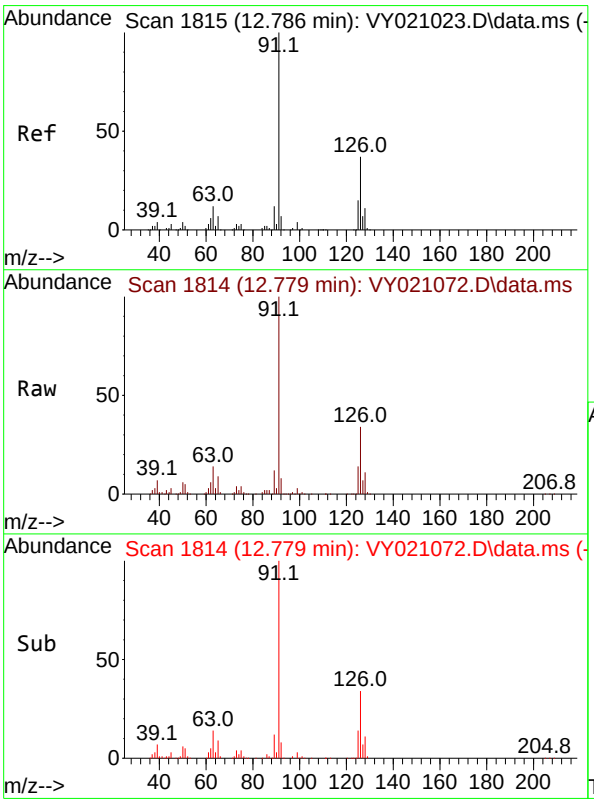
#81
trans-1,4-Dichloro-2-butene
Concen: 43.820 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 19058

Ion	Ratio	Lower	Upper
75	100		
53	101.8	74.0	111.0
89	46.9	36.5	54.7

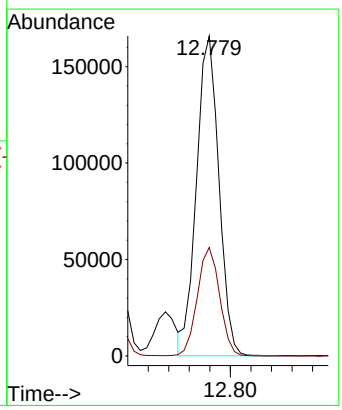


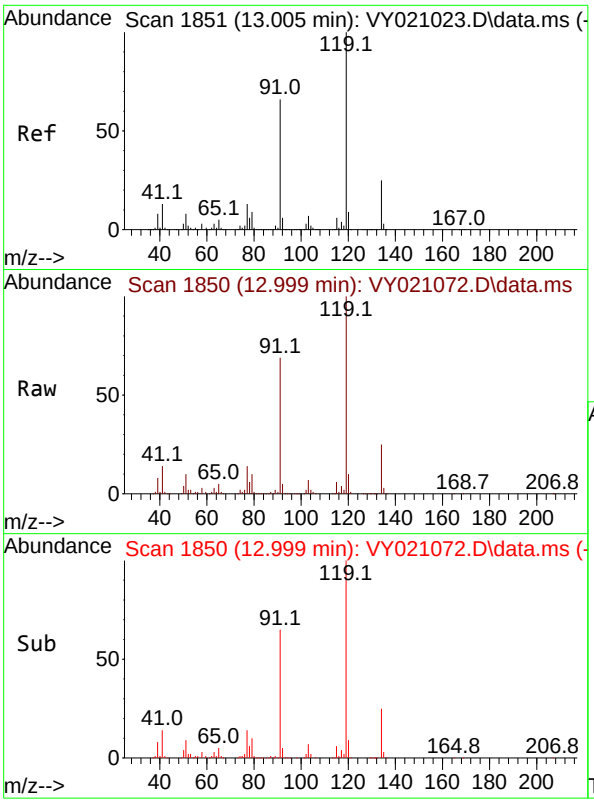


#82
4-Chlorotoluene
Concen: 47.235 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 91 Resp: 250916

Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.1	51.2



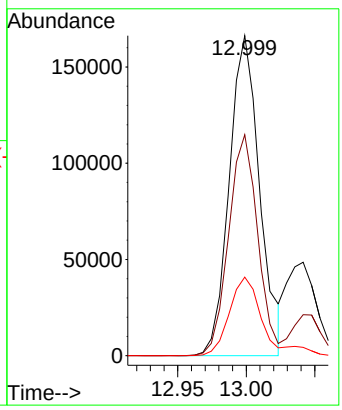


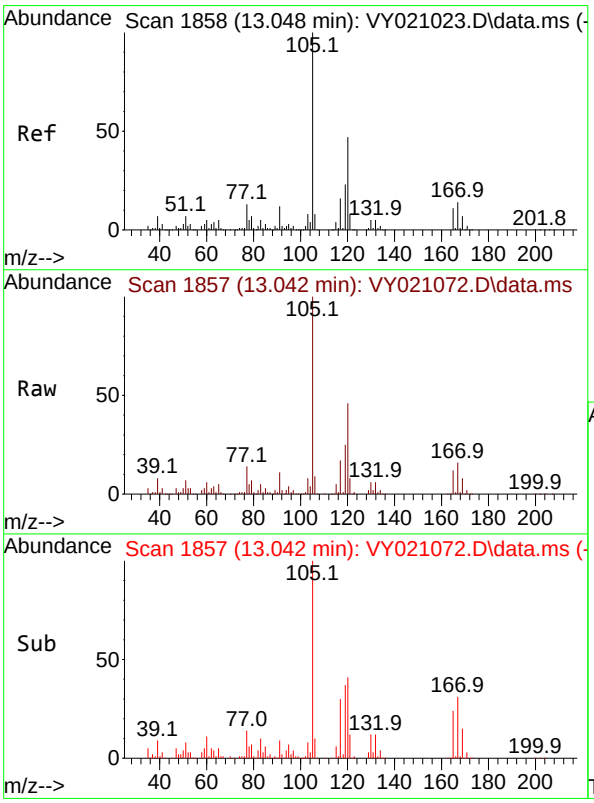
#83
tert-Butylbenzene
Concen: 45.629 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:119 Resp: 256968

Ion	Ratio	Lower	Upper
119	100		
91	66.0	31.5	94.5
134	27.0	13.1	39.3

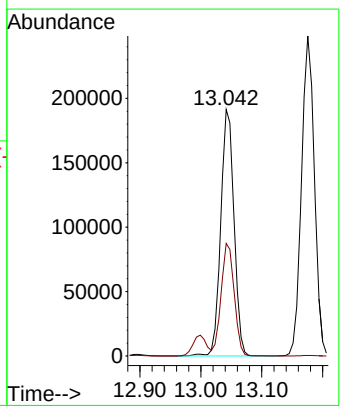


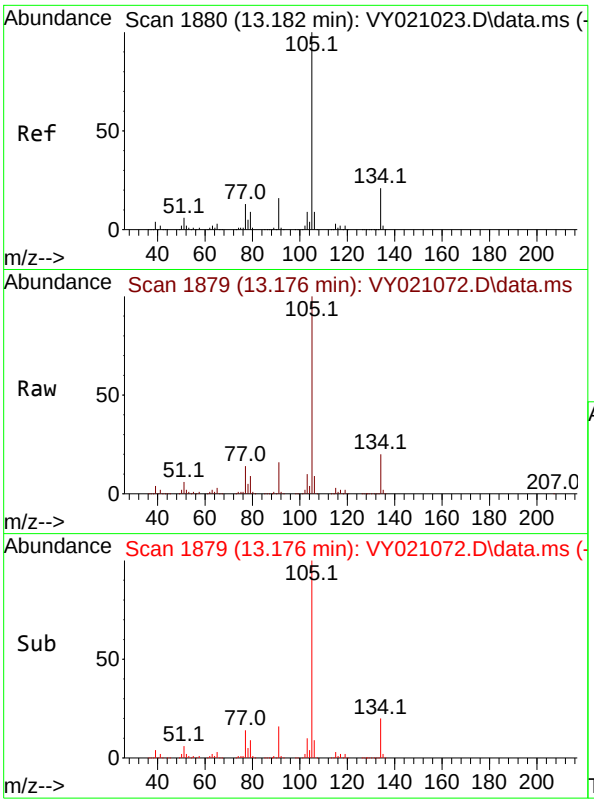


#84
1,2,4-Trimethylbenzene
Concen: 47.919 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:105 Resp: 290294

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.3



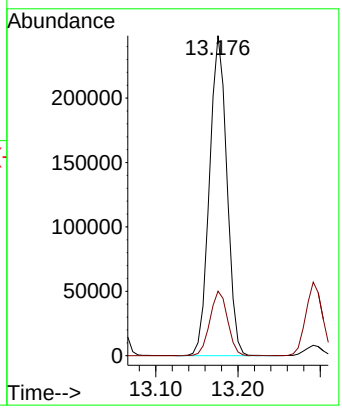


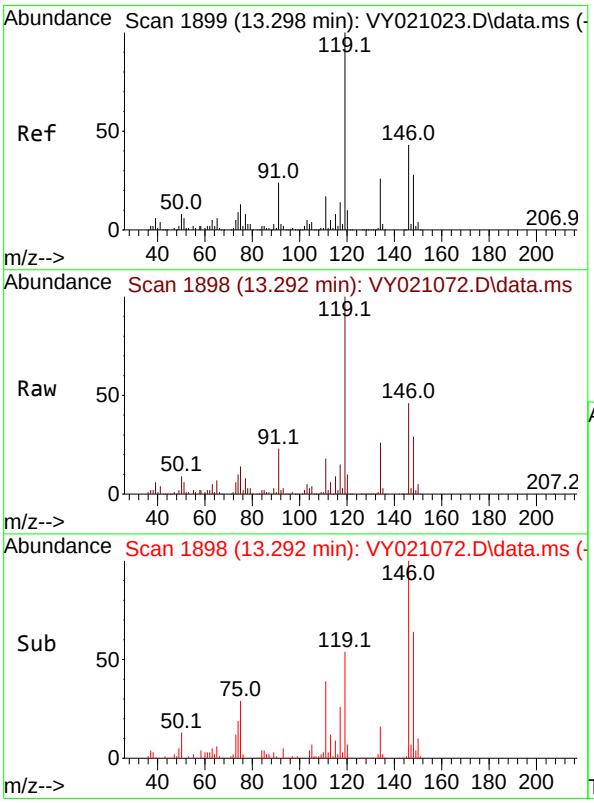
#85
sec-Butylbenzene
Concen: 45.059 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 365272

Ion	Ratio	Lower	Upper
105	100		
134	20.4	9.7	28.9

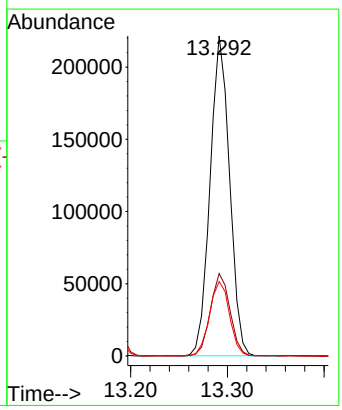


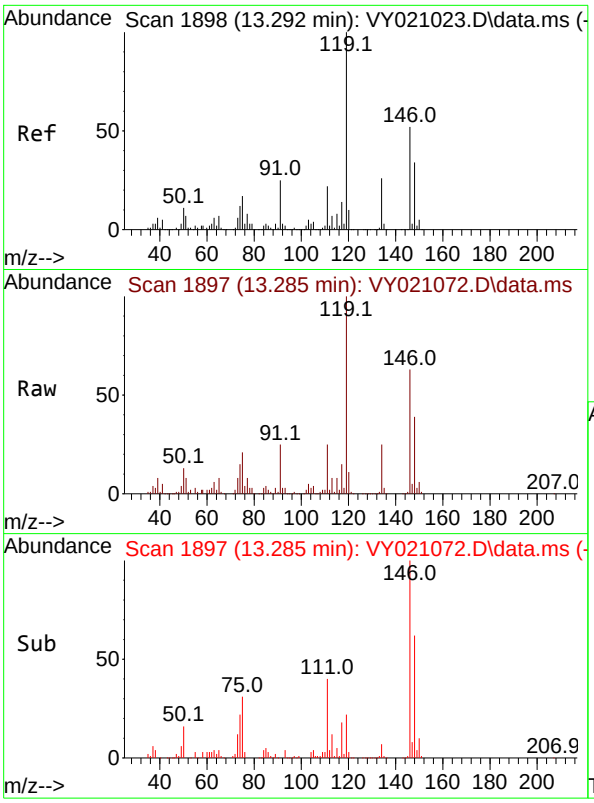


#86
p-Isopropyltoluene
Concen: 45.932 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:119 Resp: 309303

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.1
91	23.9	11.7	35.0



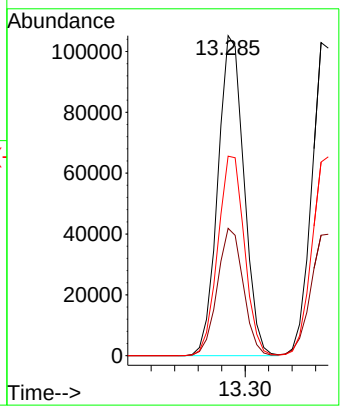


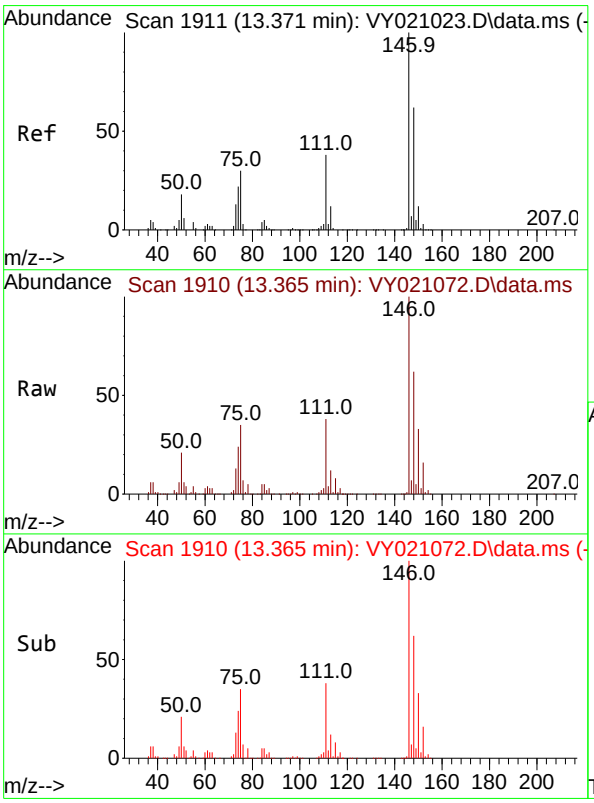
#87
1,3-Dichlorobenzene
Concen: 47.738 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 162550

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.2	60.5
148	63.5	31.9	95.9

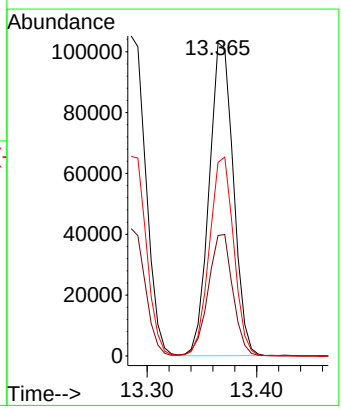


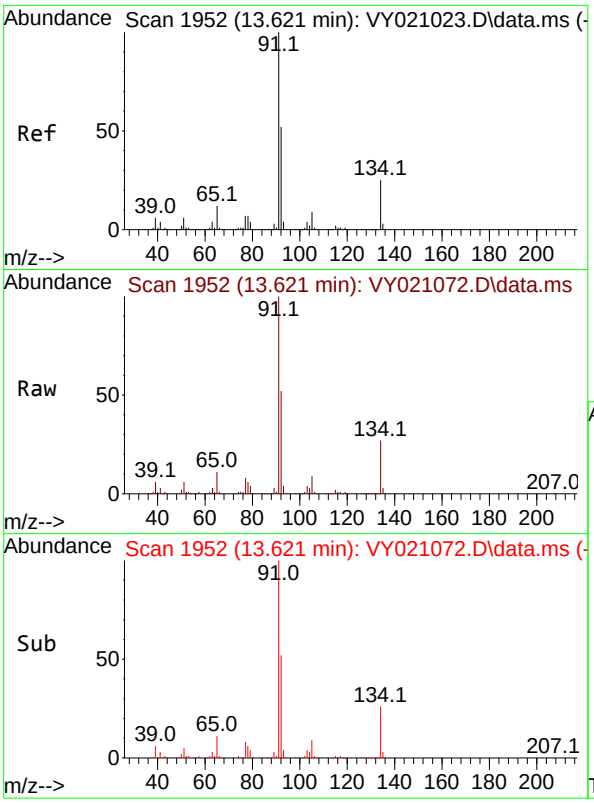


#88
1,4-Dichlorobenzene
Concen: 47.130 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:146 Resp: 158010

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.3	57.9
148	64.1	31.6	94.7



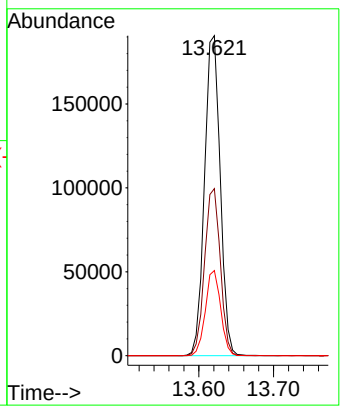


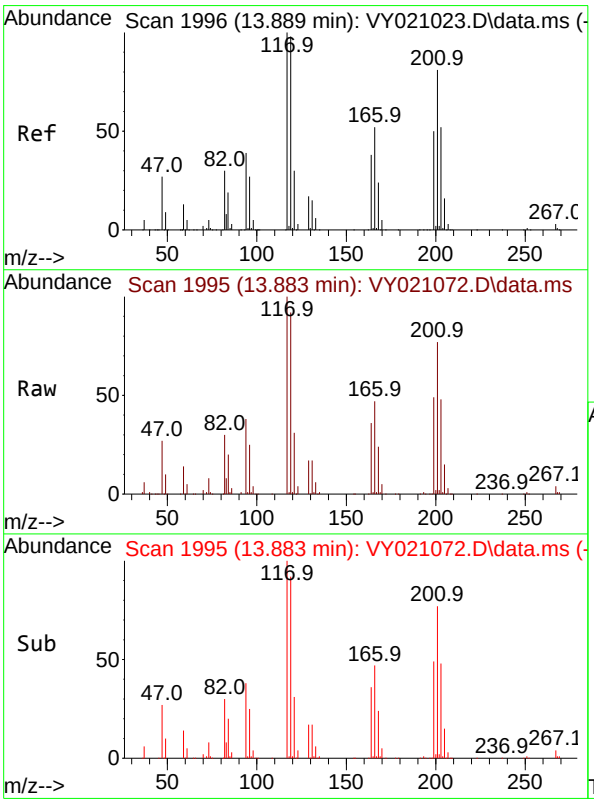
#89
n-Butylbenzene
Concen: 45.254 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 278005

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	25.9	12.3	36.8

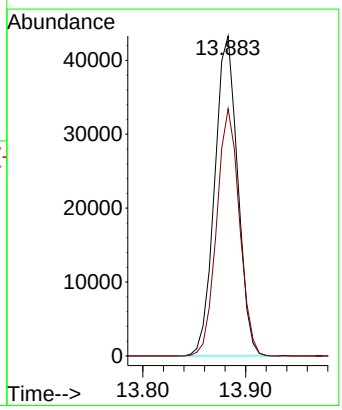


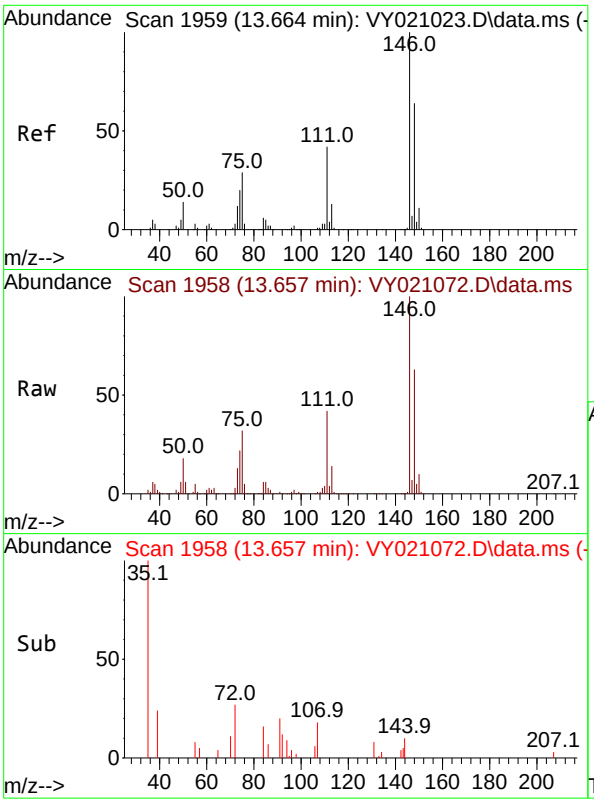


#90
Hexachloroethane
Concen: 47.848 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:117 Resp: 67218

Ion	Ratio	Lower	Upper
117	100		
201	76.3	33.4	100.1



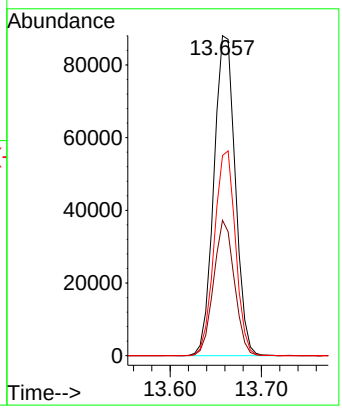


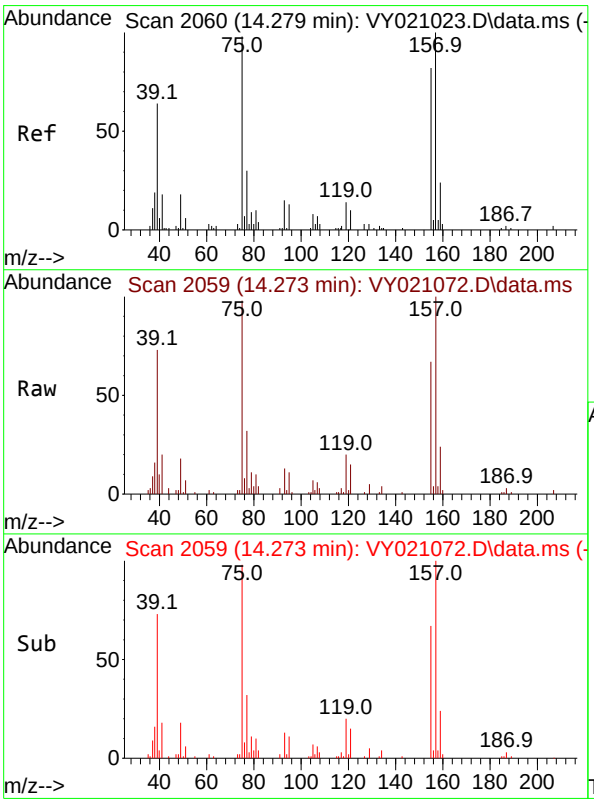
#91
1,2-Dichlorobenzene
Concen: 48.482 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 143283

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.6
148	63.5	31.4	94.3

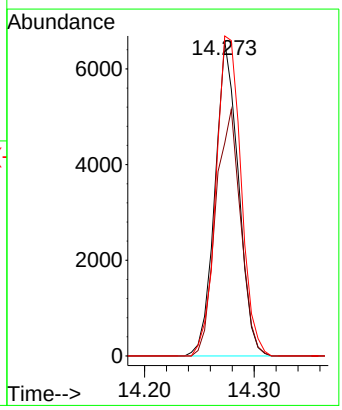


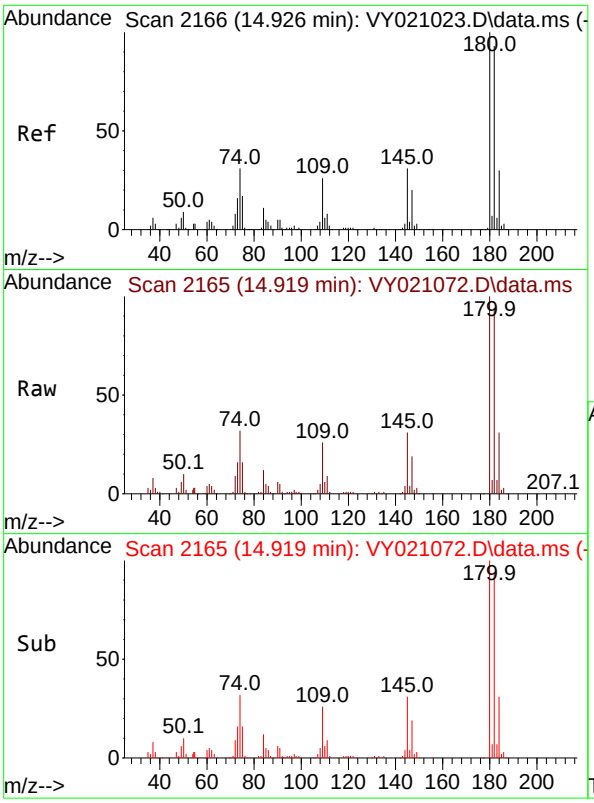


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.342 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion: 75 Resp: 9751

Ion	Ratio	Lower	Upper
75	100		
155	83.4	42.1	126.3
157	108.9	55.8	167.4



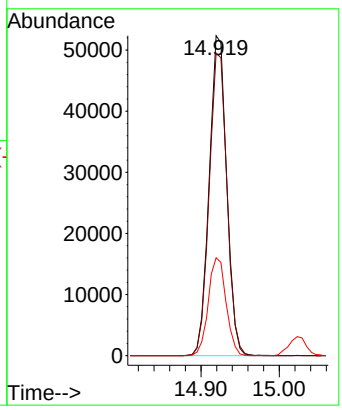


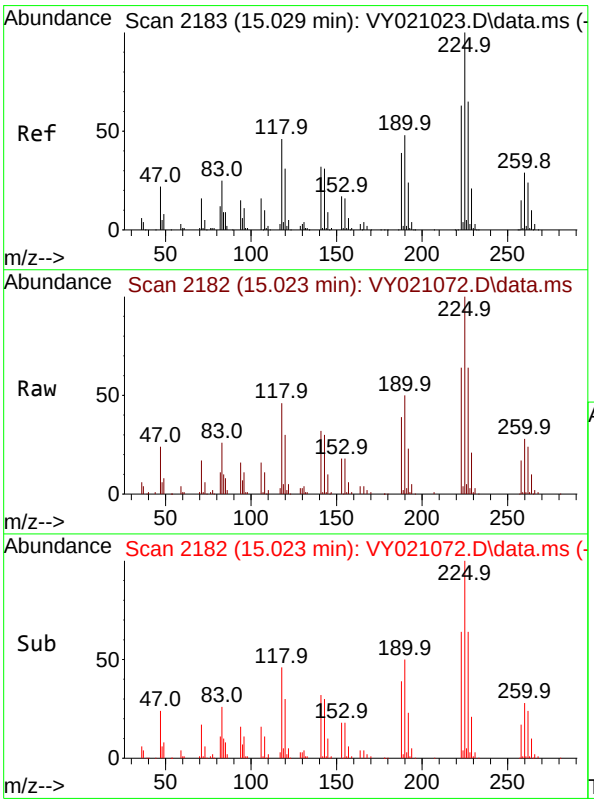
#93
1,2,4-Trichlorobenzene
Concen: 49.292 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 81088

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.7
145	31.1	15.9	47.7

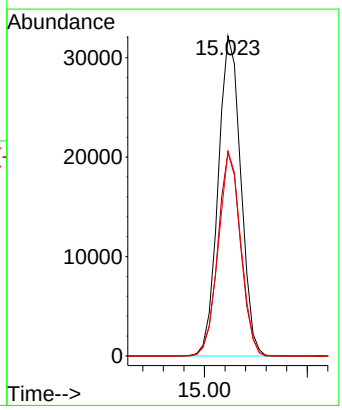


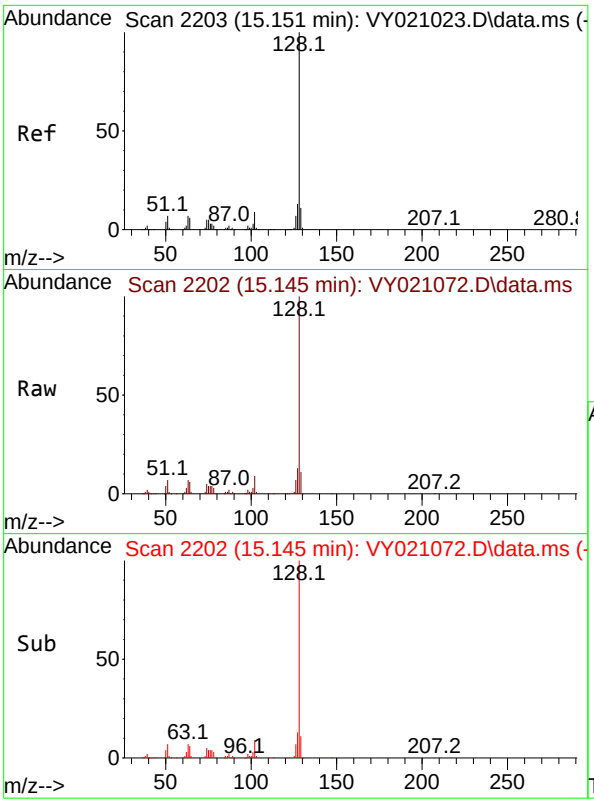


#94
Hexachlorobutadiene
Concen: 44.966 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:225 Resp: 49019

Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.3
227	63.5	32.3	96.8



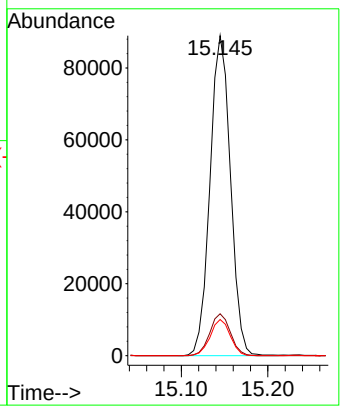


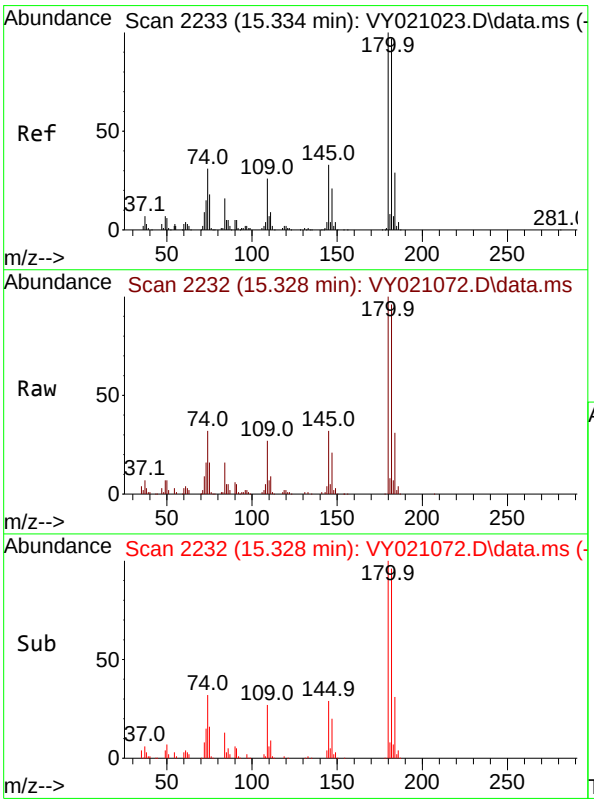
#95
Naphthalene
Concen: 55.542 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :

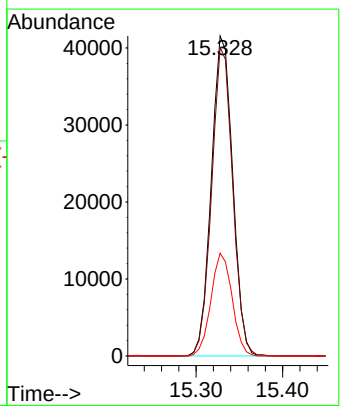
Tgt Ion:128 Resp: 146179

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 52.007 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021072.D
Acq: 04 Feb 2025 20:30

Tgt Ion:180 Resp: 71198

Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.3	138.8
145	31.8	16.1	48.2