Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
Data File : VY022712.D
Acq On : 17 Jun 2025 08:48
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 18 04:36:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	147201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	248517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	216018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	101314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	76167	46.264	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.520%			
35) Dibromofluoromethane	7.646	113	70365	47.437	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.880%			
50) Toluene-d8	10.109	98	276781	46.179	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.360%			
62) 4-Bromofluorobenzene	12.408	95	80837	45.266	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	56802	43.101	ug/l	100
3) Chloromethane	2.074	50	160277	41.167	ug/l	97
4) Vinyl Chloride	2.208	62	224560	49.719	ug/l	100
5) Bromomethane	2.604	94	183717	42.438	ug/l	96
6) Chloroethane	2.739	64	164720	53.134	ug/l	93
7) Trichlorofluoromethane	3.056	101	186711	48.695	ug/l	98
8) Diethyl Ether	3.458	74	42425	49.132	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	81130	50.238	ug/l	99
10) Methyl Iodide	4.013	142	90883	52.004	ug/l	99
11) Tert butyl alcohol	4.885	59	27269	231.902	ug/l #	92
12) 1,1-Dichloroethene	3.793	96	78392	50.784	ug/l	98
13) Acrolein	3.659	56	15102	103.053	ug/l	99
14) Allyl chloride	4.391	41	119420	49.280	ug/l	98
15) Acrylonitrile	5.074	53	90931	248.646	ug/l	100
16) Acetone	3.879	43	100632	300.976	ug/l	97
17) Carbon Disulfide	4.116	76	233349	47.217	ug/l	97
18) Methyl Acetate	4.397	43	51449	51.963	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	218747	50.312	ug/l	99
20) Methylene Chloride	4.622	84	91244	48.042	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	88540	51.249	ug/l	97
22) Diisopropyl ether	6.031	45	282693	52.408	ug/l	98
23) Vinyl Acetate	5.970	43	780205	244.379	ug/l	99
24) 1,1-Dichloroethane	5.921	63	172913	54.414	ug/l	98
25) 2-Butanone	6.902	43	127339	264.033	ug/l	97
26) 2,2-Dichloropropane	6.890	77	151961	54.123	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	106876	53.521	ug/l	97
28) Bromochloromethane	7.250	49	73999	53.421	ug/l	100
29) Tetrahydrofuran	7.268	42	74862	240.668	ug/l	100
30) Chloroform	7.427	83	172549	54.821	ug/l	96
31) Cyclohexane	7.707	56	143301	45.297	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	149499	53.506	ug/l	98
36) 1,1-Dichloropropene	7.841	75	124250	51.610	ug/l	100
37) Ethyl Acetate	6.994	43	51160	47.652	ug/l	98
38) Carbon Tetrachloride	7.829	117	131844	53.384	ug/l	99
39) Methylcyclohexane	9.115	83	155833	48.167	ug/l	99
40) Benzene	8.085	78	382618	53.809	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 18 04:36:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	29071	46.357	ug/l		94
42) 1,2-Dichloroethane	8.164	62	103128	53.117	ug/l		98
43) Isopropyl Acetate	8.201	43	110371	47.600	ug/l		98
44) Trichloroethene	8.872	130	92747	53.368	ug/l		96
45) 1,2-Dichloropropane	9.146	63	93024	55.355	ug/l		100
46) Dibromomethane	9.237	93	50795	53.727	ug/l		97
47) Bromodichloromethane	9.426	83	131964	55.048	ug/l		100
48) Methyl methacrylate	9.225	41	49994	45.940	ug/l		95
49) 1,4-Dioxane	9.237	88	10539	940.942	ug/l		94
51) 4-Methyl-2-Pentanone	10.006	43	285771	247.198	ug/l		98
52) Toluene	10.176	92	239185	53.526	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	119612	53.252	ug/l		95
54) cis-1,3-Dichloropropene	9.859	75	140861	53.874	ug/l		99
55) 1,1,2-Trichloroethane	10.579	97	64562	53.555	ug/l		98
56) Ethyl methacrylate	10.445	69	86344	49.555	ug/l		98
57) 1,3-Dichloropropane	10.719	76	112537	52.669	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.719	63	215536	272.456	ug/l		100
59) 2-Hexanone	10.762	43	196136	253.685	ug/l		100
60) Dibromochloromethane	10.914	129	80987	52.863	ug/l		100
61) 1,2-Dibromoethane	11.018	107	57432	52.269	ug/l		98
64) Tetrachloroethene	10.652	164	110597	59.518	ug/l		99
65) Chlorobenzene	11.444	112	253682	53.069	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	85463	53.072	ug/l		99
67) Ethyl Benzene	11.524	91	469544	52.959	ug/l		99
68) m/p-Xylenes	11.633	106	354622	105.508	ug/l		99
69) o-Xylene	11.956	106	166928	52.972	ug/l		99
70) Styrene	11.975	104	279165	53.593	ug/l		98
71) Bromoform	12.133	173	43135	50.337	ug/l	#	98
73) Isopropylbenzene	12.255	105	439018	52.780	ug/l		100
74) N-amyl acetate	12.072	43	98844	47.096	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	65769	48.176	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	96653	83.388	ug/l	#	100
77) Bromobenzene	12.536	156	92487	52.691	ug/l		98
78) n-propylbenzene	12.597	91	533040	52.468	ug/l		99
79) 2-Chlorotoluene	12.682	91	278527	51.728	ug/l		98
80) 1,3,5-Trimethylbenzene	12.737	105	345177	52.858	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	23435	48.827	ug/l		97
82) 4-Chlorotoluene	12.779	91	289156	52.056	ug/l		98
83) tert-Butylbenzene	12.999	119	304585	51.968	ug/l		99
84) 1,2,4-Trimethylbenzene	13.048	105	342518	52.442	ug/l		100
85) sec-Butylbenzene	13.176	105	475196	52.938	ug/l		100
86) p-Isopropyltoluene	13.292	119	391225	52.875	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	188385	52.972	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	180330	52.280	ug/l		100
89) n-Butylbenzene	13.621	91	369520	52.639	ug/l		99
90) Hexachloroethane	13.883	117	76430	53.060	ug/l		97
91) 1,2-Dichlorobenzene	13.663	146	156780	51.923	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9899	49.804	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	84270	51.172	ug/l		98
94) Hexachlorobutadiene	15.023	225	44924	49.426	ug/l		97
95) Naphthalene	15.145	128	149915	47.438	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	69974	49.581	ug/l		98

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Operator : SY/MD
Sample : VSTDCCC050
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ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 18 04:36:11 2025
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Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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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\VY061725\
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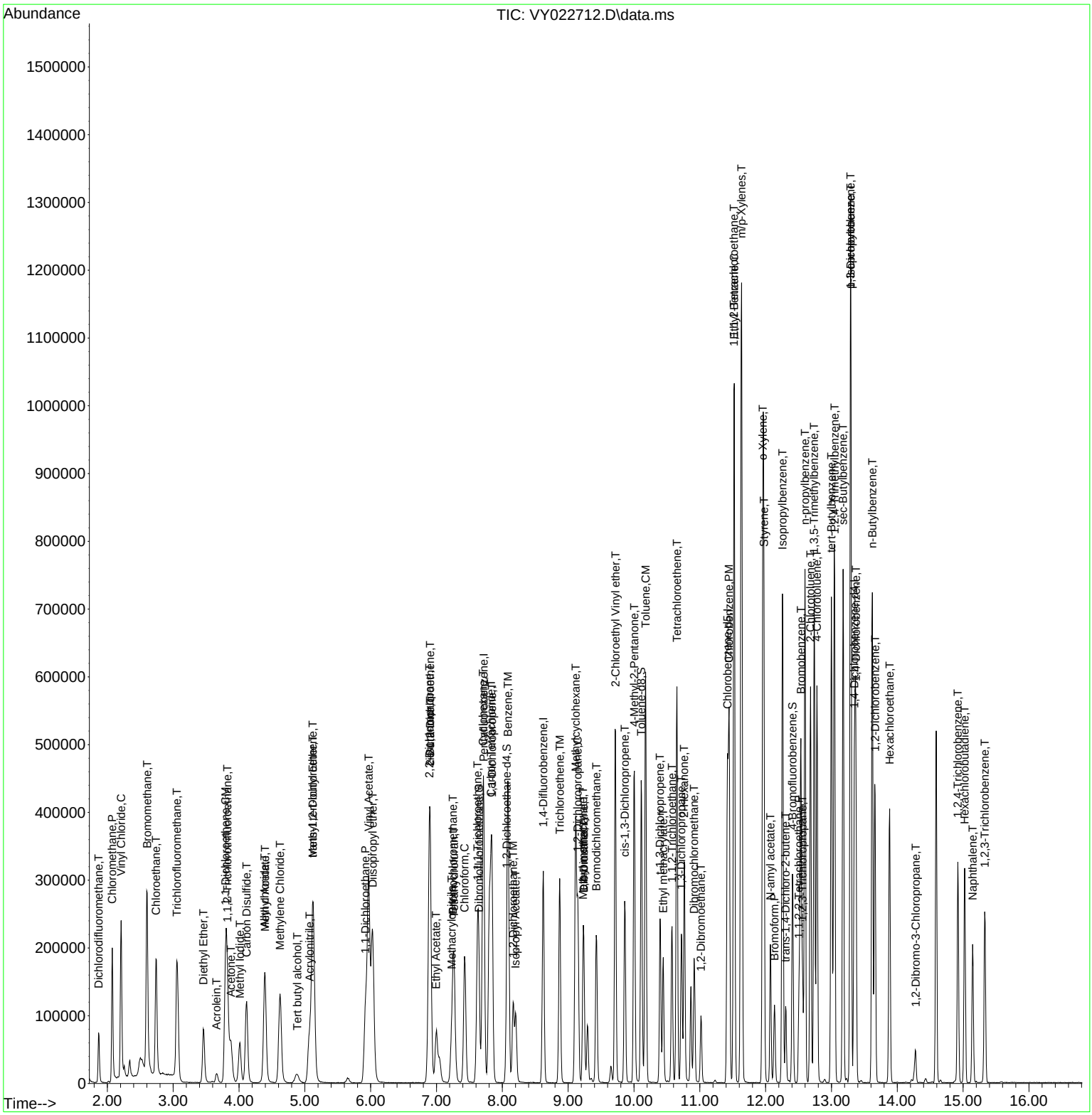
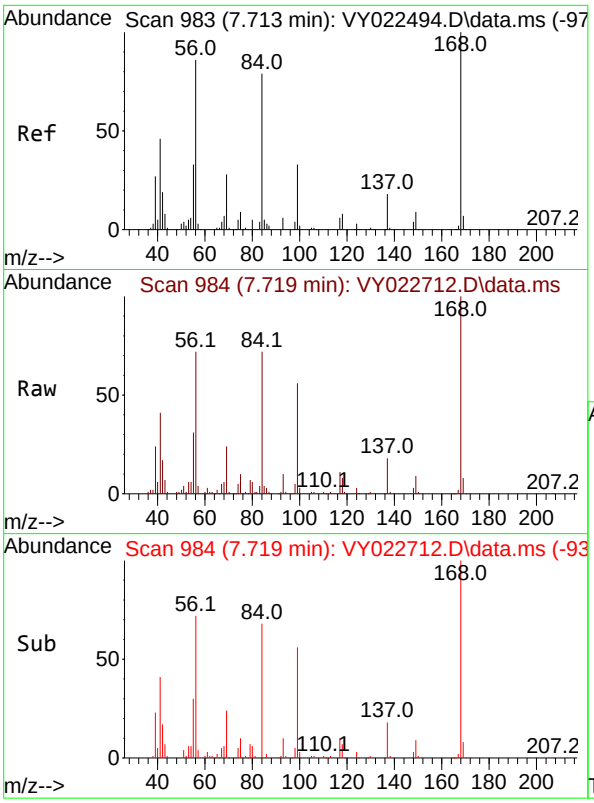
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

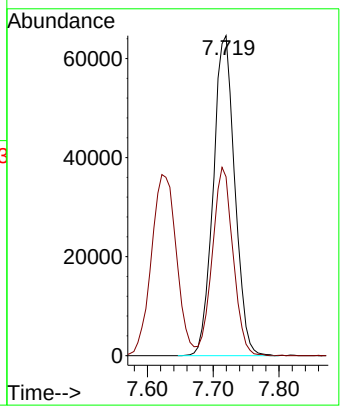


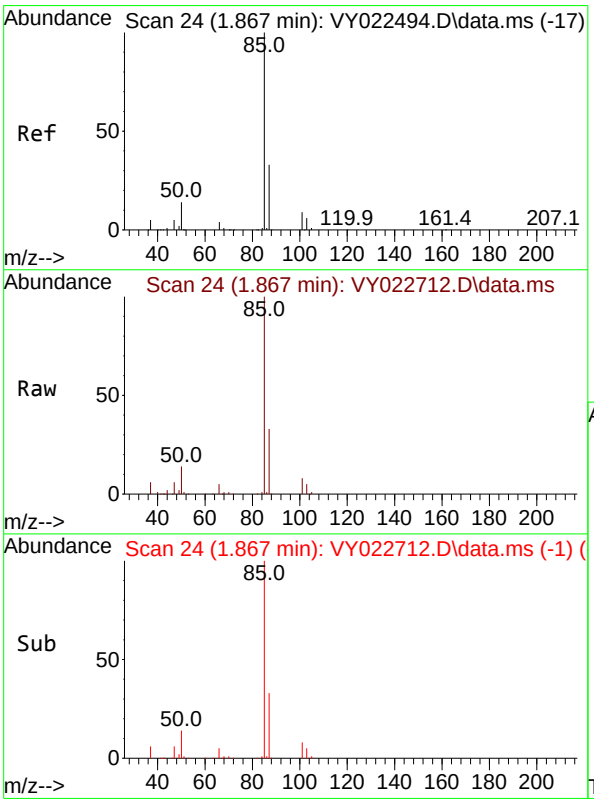


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:168 Resp: 147201

Ion	Ratio	Lower	Upper
168	100		
99	55.8	44.3	66.5

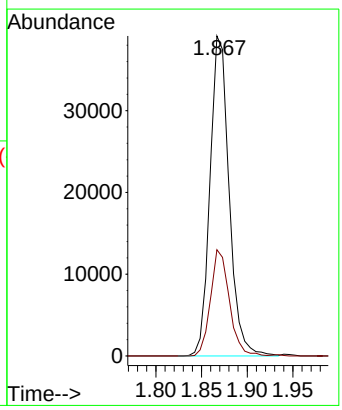


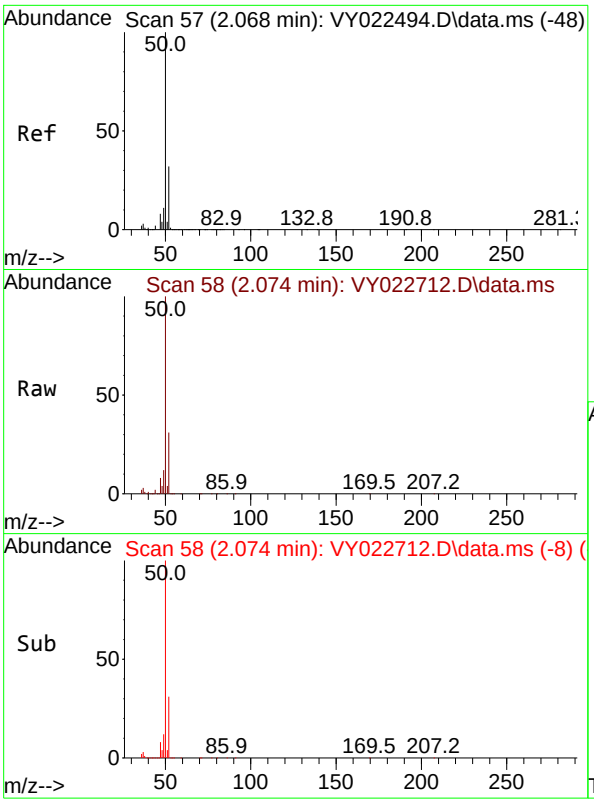


#2
Dichlorodifluoromethane
Concen: 43.101 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 85 Resp: 56802

Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.7	50.0

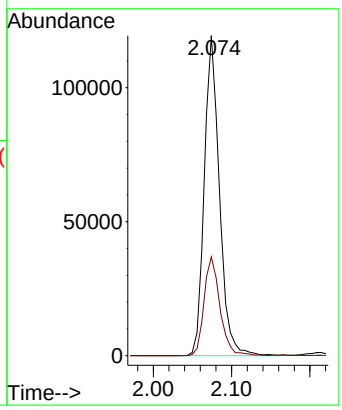


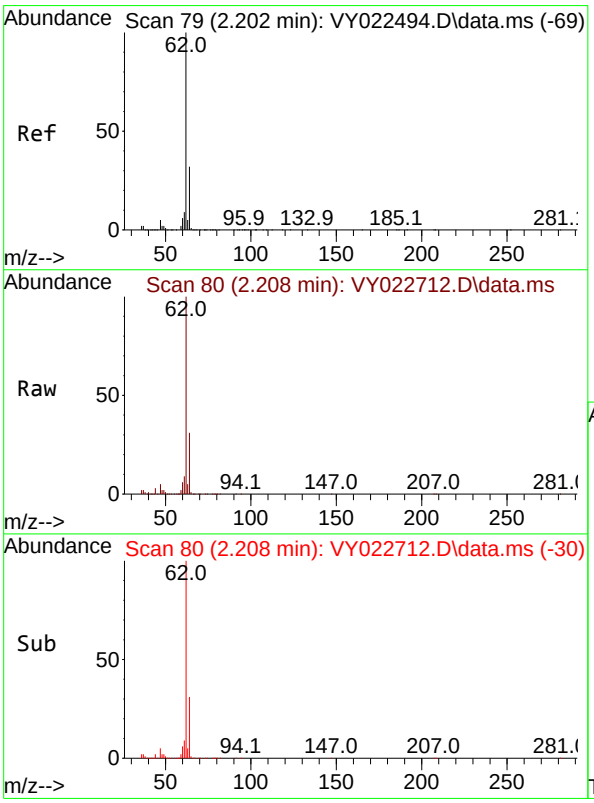


#3
Chloromethane
Concen: 41.167 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 50 Resp: 160277

Ion	Ratio	Lower	Upper
50	100		
52	30.9	26.0	39.0

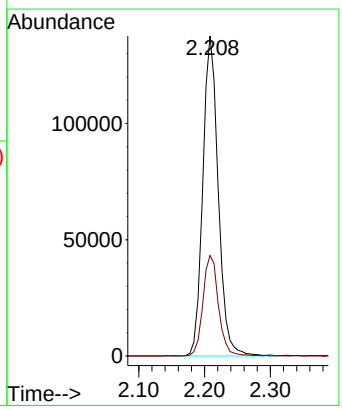


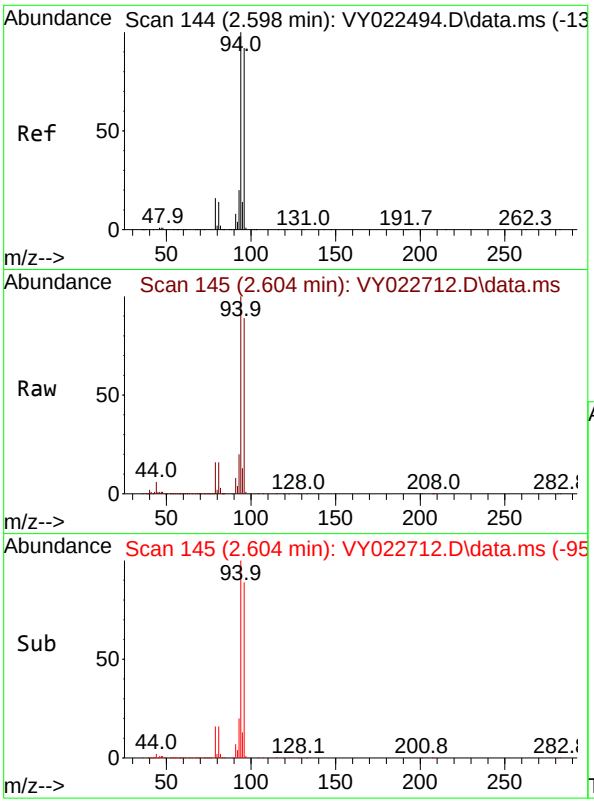


#4
Vinyl Chloride
Concen: 49.719 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 62 Resp: 224560

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.3	37.9

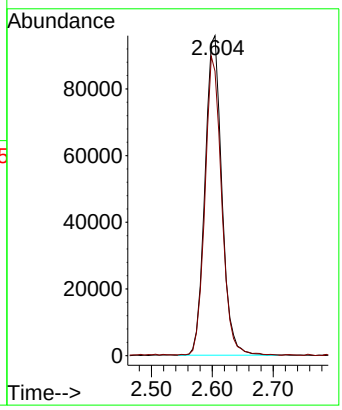


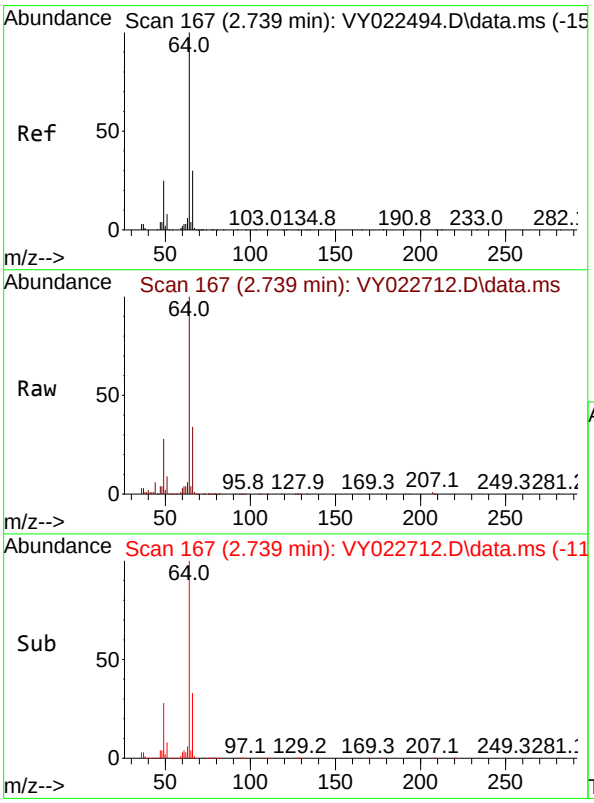


#5
Bromomethane
Concen: 42.438 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 94 Resp: 183717

Ion	Ratio	Lower	Upper
94	100		
96	88.9	74.0	111.0

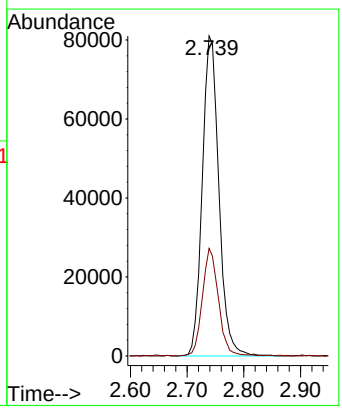


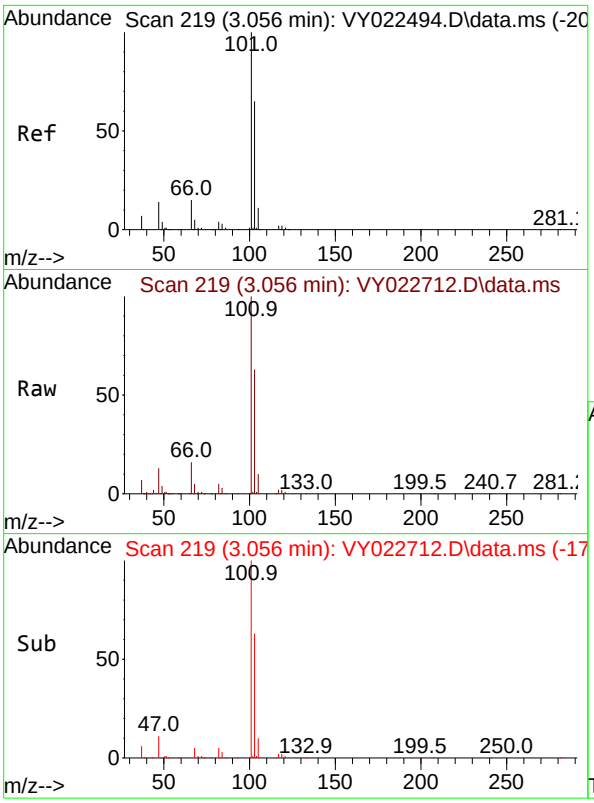


#6
Chloroethane
Concen: 53.134 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 64 Resp: 164720

Ion	Ratio	Lower	Upper
64	100		
66	33.6	23.8	35.6

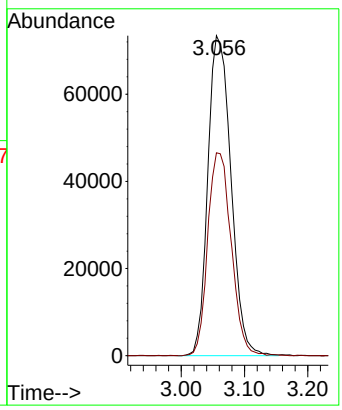


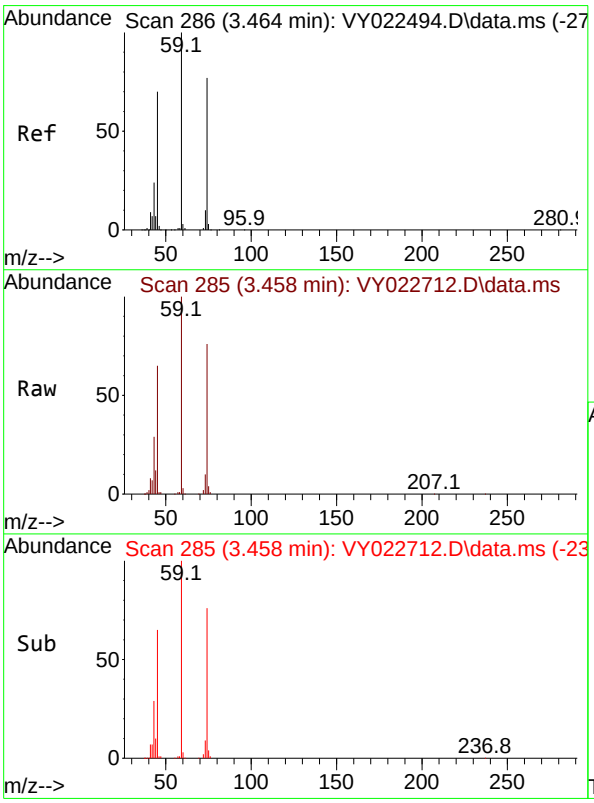


#7
Trichlorofluoromethane
Concen: 48.695 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:101 Resp: 186711

Ion	Ratio	Lower	Upper
101	100		
103	63.4	52.2	78.2

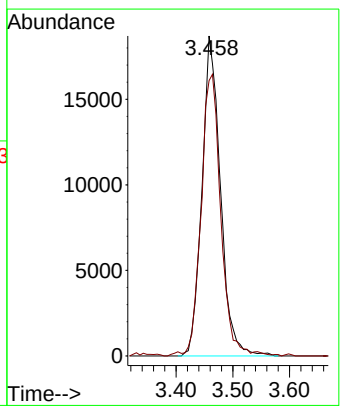


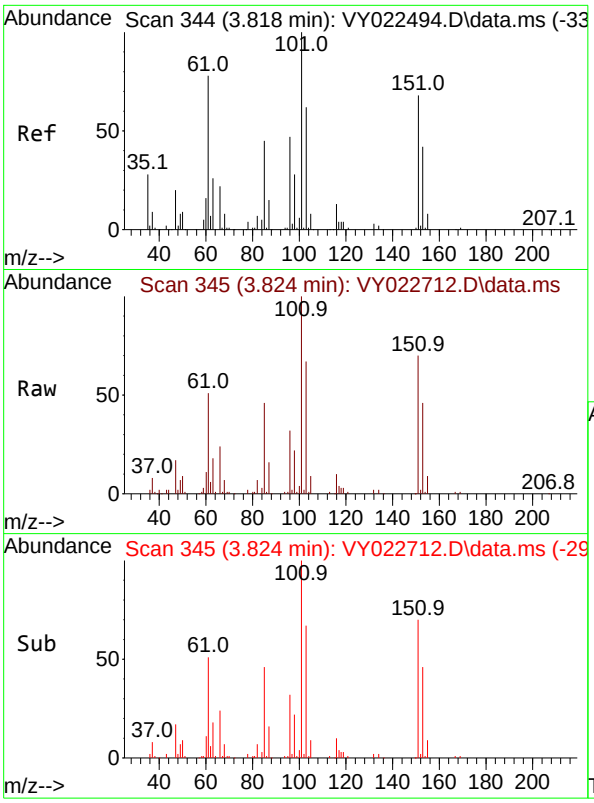


#8
Diethyl Ether
Concen: 49.132 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 74 Resp: 42425

Ion	Ratio	Lower	Upper
74	100		
45	94.0	45.9	137.6

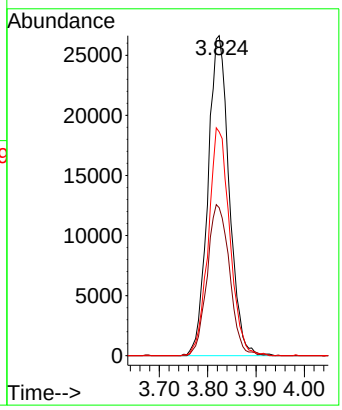


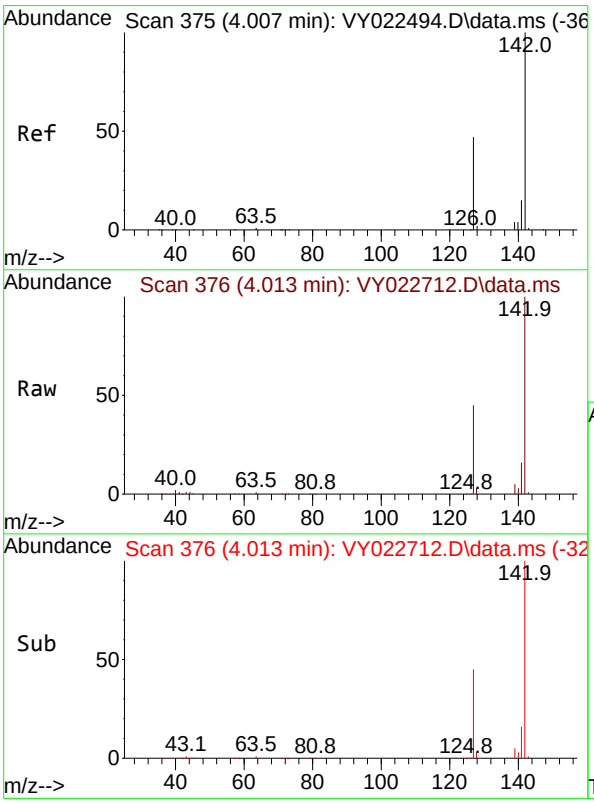


#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.238 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:101 Resp: 81130

Ion	Ratio	Lower	Upper
101	100		
85	49.8	39.3	58.9
151	71.9	57.8	86.8

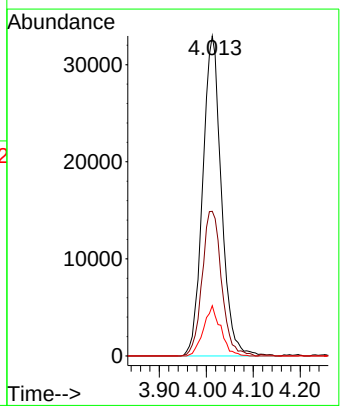


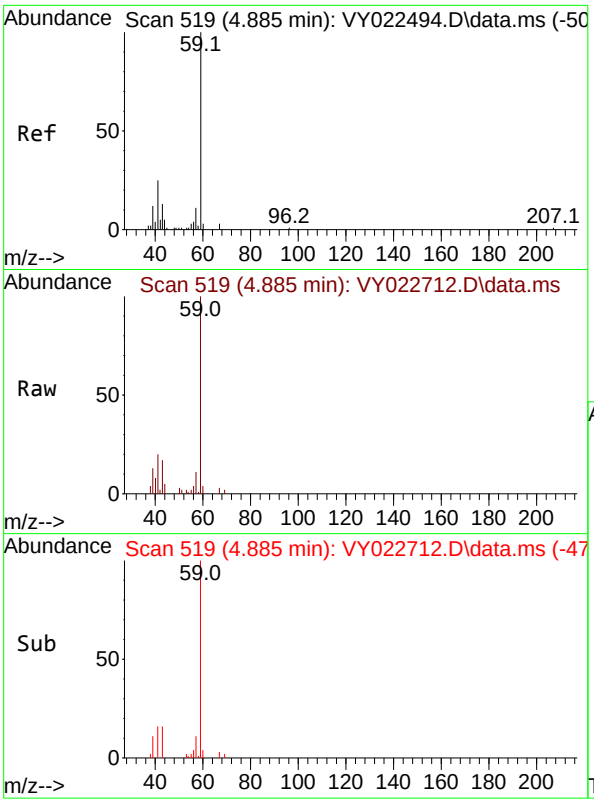


#10
Methyl Iodide
Concen: 52.004 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:142 Resp: 90883

Ion	Ratio	Lower	Upper
142	100		
127	47.1	37.1	55.7
141	14.5	11.4	17.2

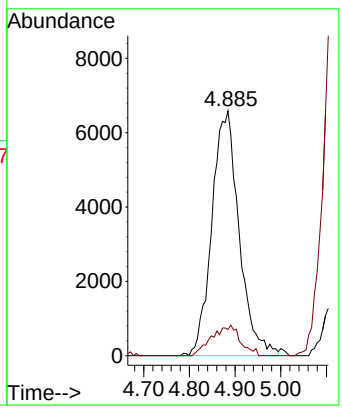


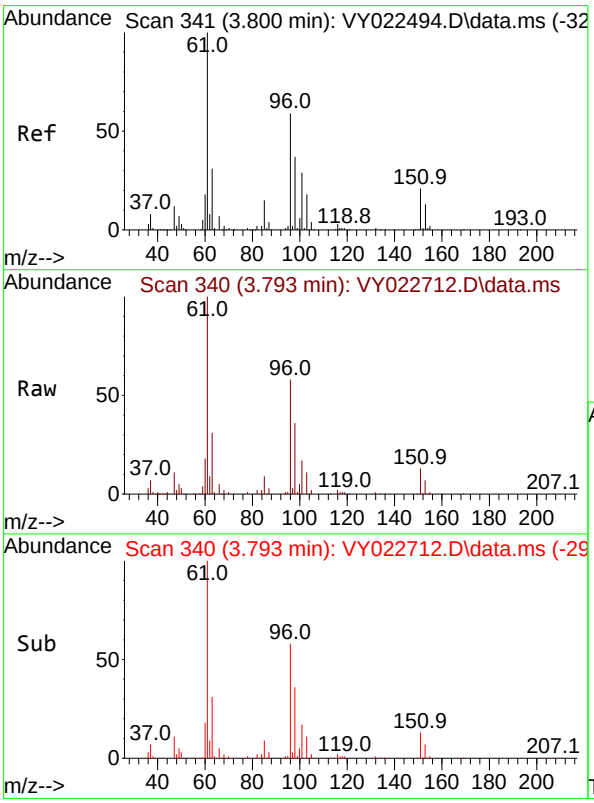


#11
Tert butyl alcohol
Concen: 231.902 ug/l
RT: 4.885 min Scan# 519
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 59 Resp: 27269

Ion	Ratio	Lower	Upper
59	100		
57	13.0	8.0	12.0#

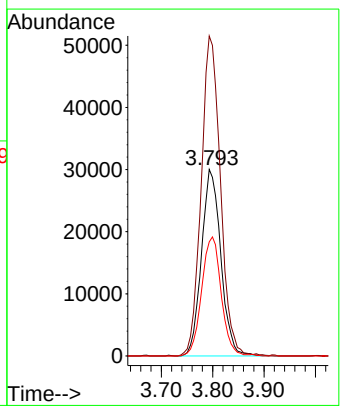


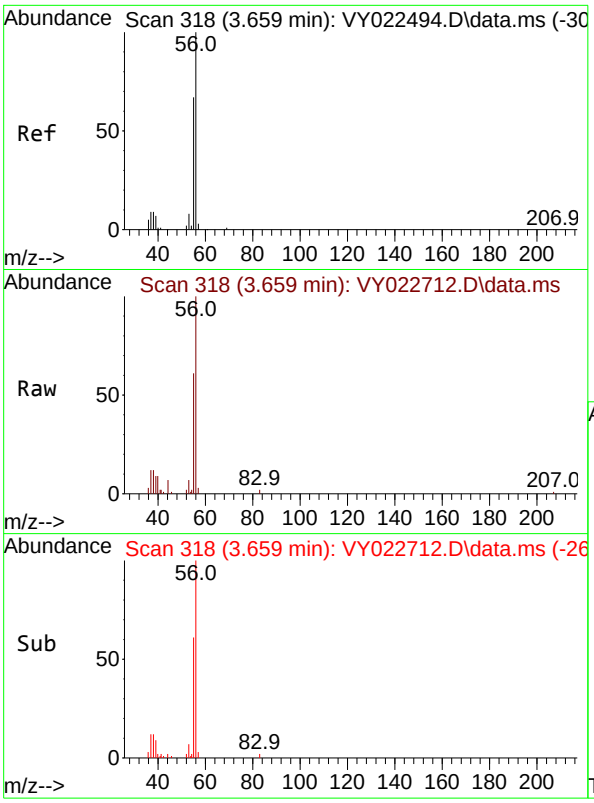


#12
1,1-Dichloroethene
Concen: 50.784 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 96 Resp: 78392

Ion	Ratio	Lower	Upper
96	100		
61	171.5	134.6	201.8
98	61.2	50.2	75.4

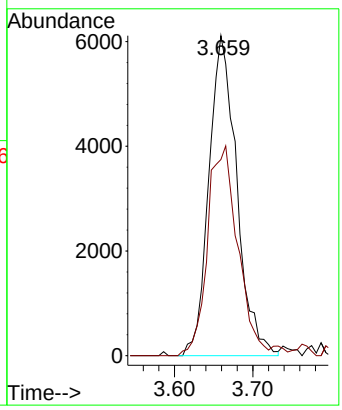


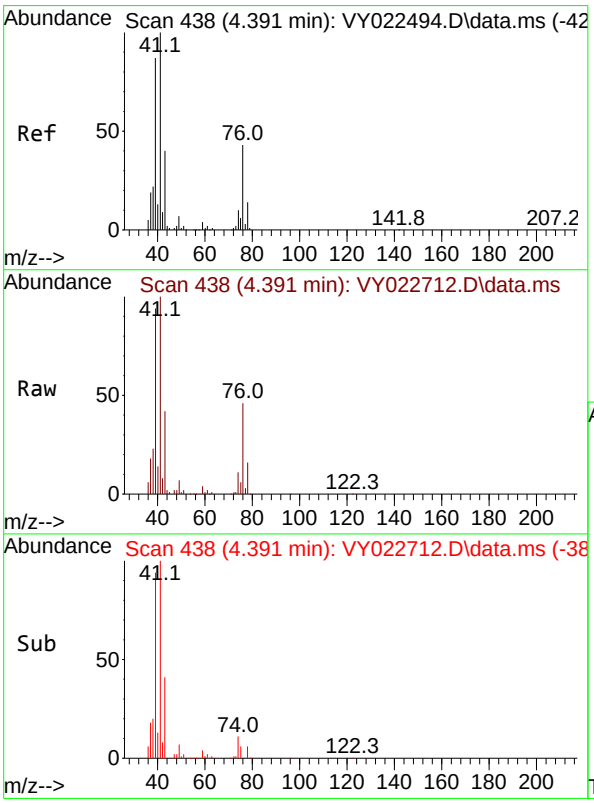


#13
Acrolein
Concen: 103.053 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 56 Resp: 15102

Ion	Ratio	Lower	Upper
56	100		
55	70.8	57.0	85.6

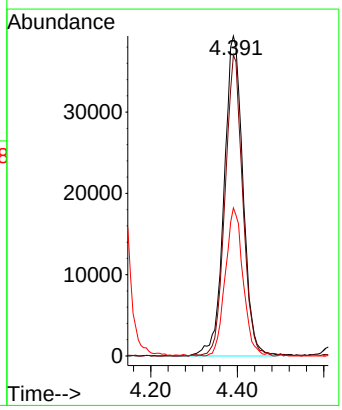


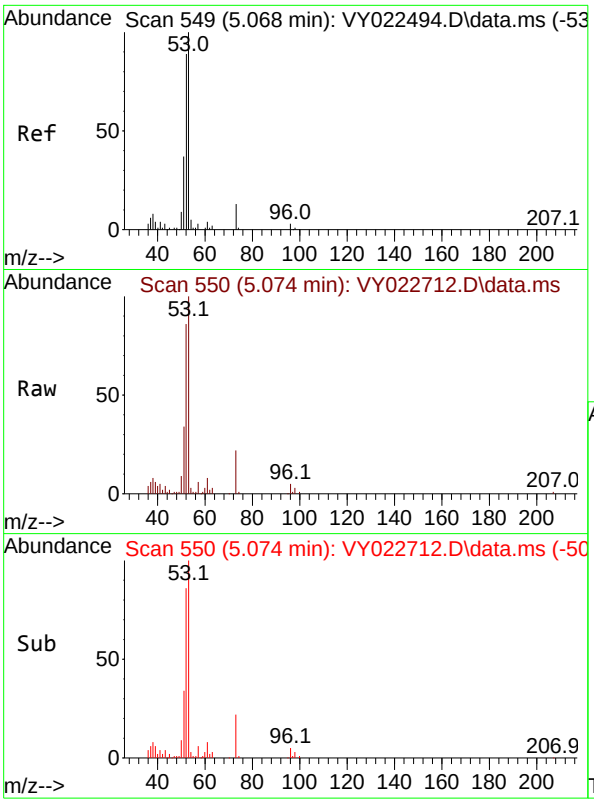


#14
Allyl chloride
Concen: 49.280 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 41 Resp: 119420

Ion	Ratio	Lower	Upper
41	100		
39	88.4	69.1	103.7
76	43.6	33.5	50.3

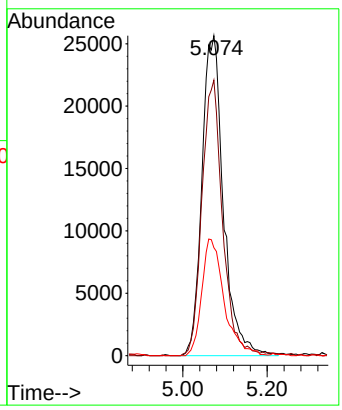


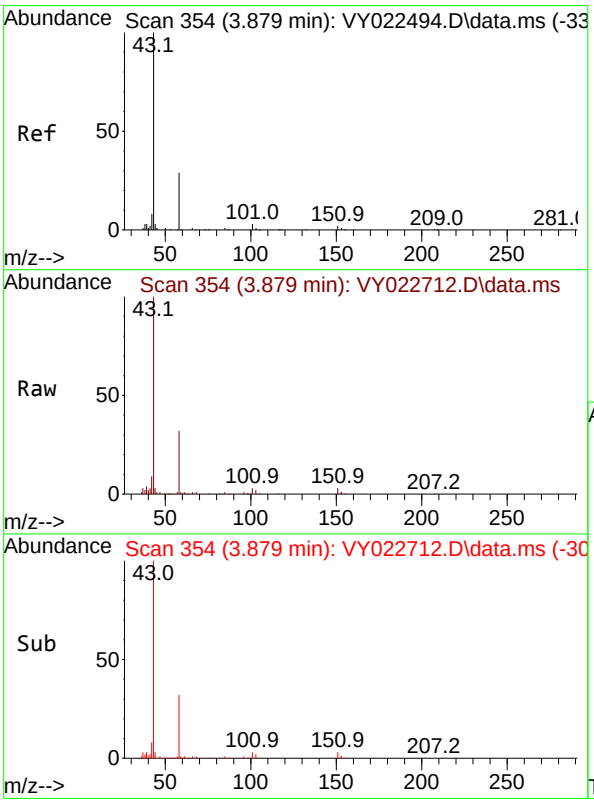


#15
Acrylonitrile
Concen: 248.646 ug/l
RT: 5.074 min Scan# 550
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 53 Resp: 90931

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.7	98.5
51	38.1	30.1	45.1

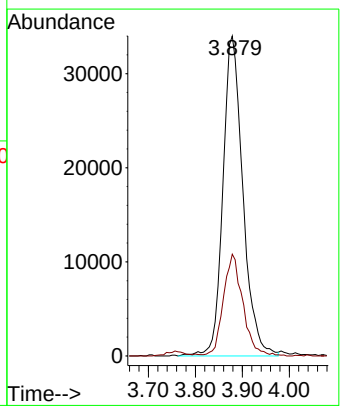


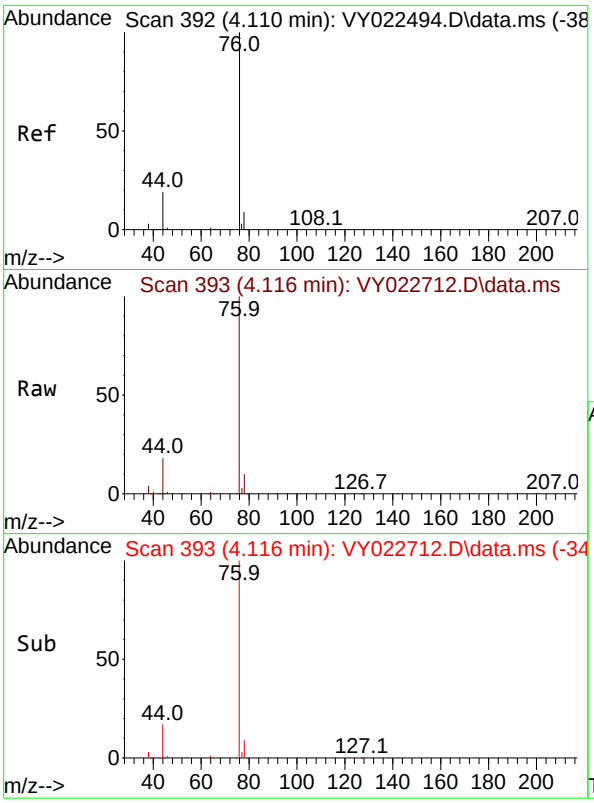


#16
Acetone
Concen: 300.976 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 43 Resp: 100632

Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.0	36.0

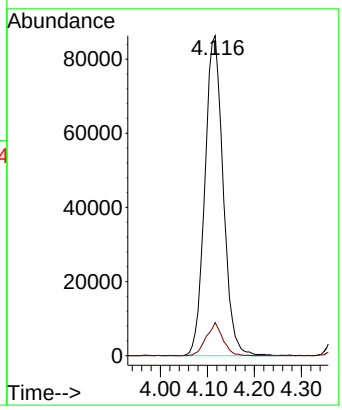


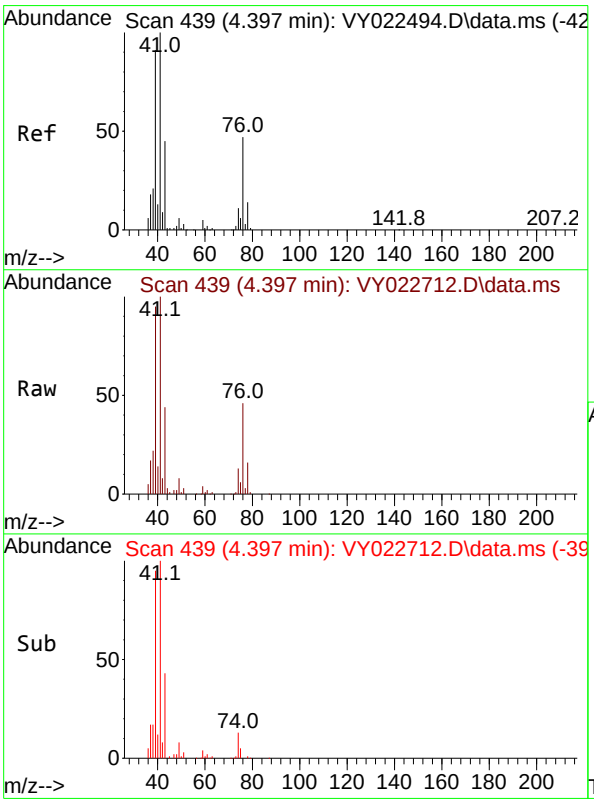


#17
Carbon Disulfide
Concen: 47.217 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 76 Resp: 233349

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.4	11.2

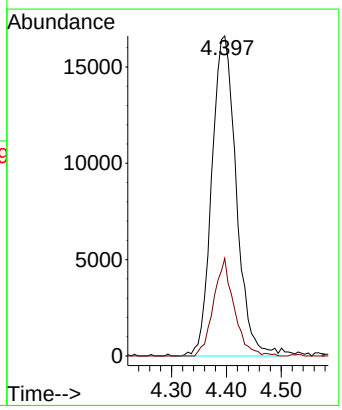


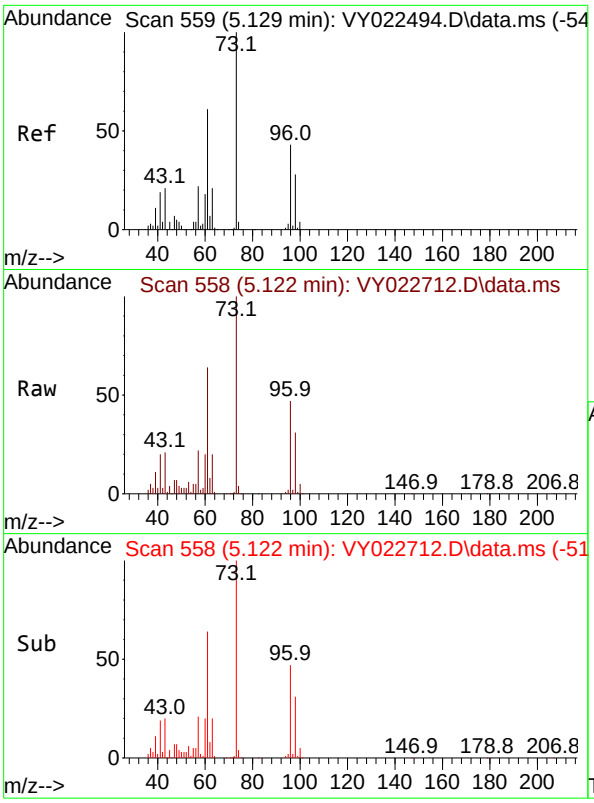


#18
Methyl Acetate
Concen: 51.963 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 43 Resp: 51449

Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.8	29.6

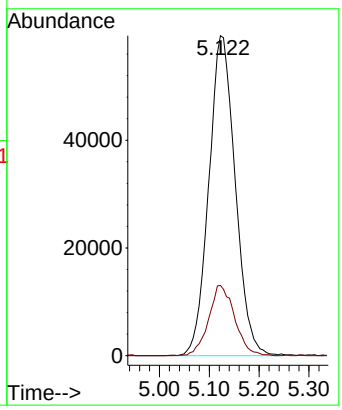


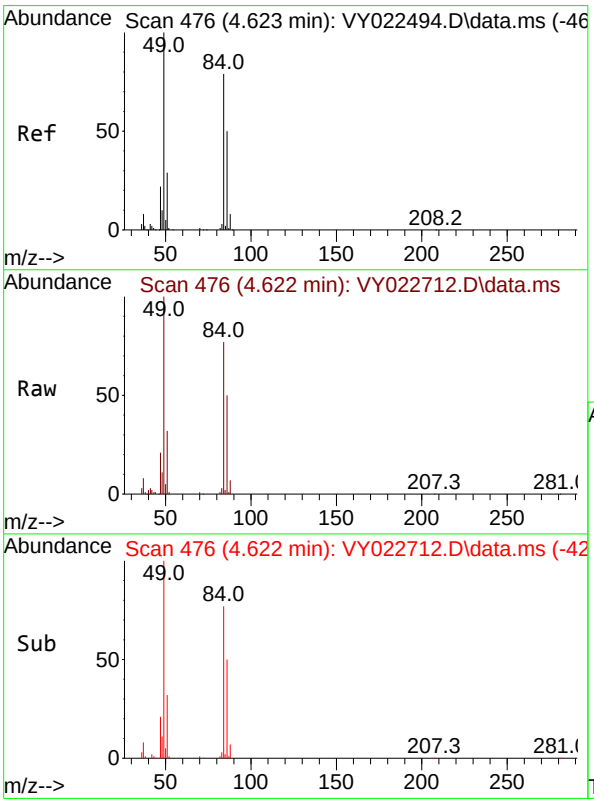


#19
Methyl tert-butyl Ether
Concen: 50.312 ug/l
RT: 5.122 min Scan# 558
Delta R.T. -0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 73 Resp: 218747

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.4	26.0

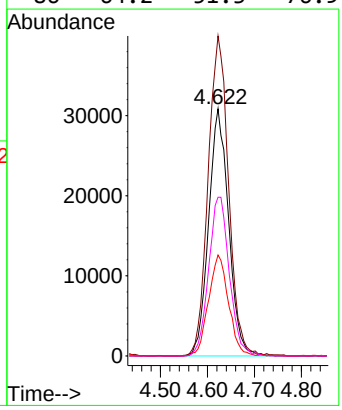


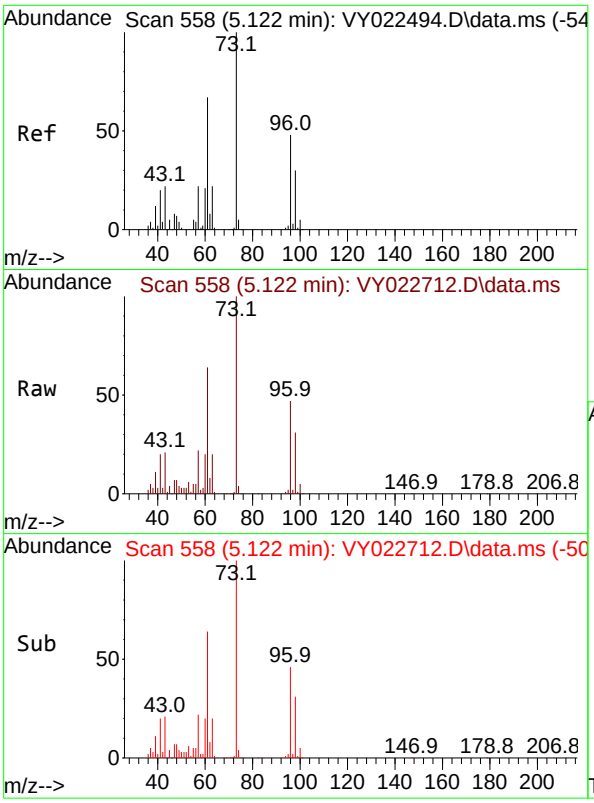


#20
Methylene Chloride
Concen: 48.042 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 84 Resp: 91244

Ion	Ratio	Lower	Upper
84	100		
49	129.4	101.9	152.9
51	40.8	29.8	44.8
86	64.2	51.3	76.9

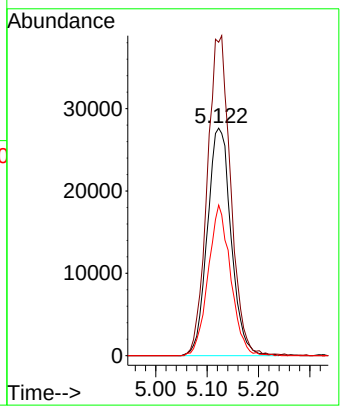


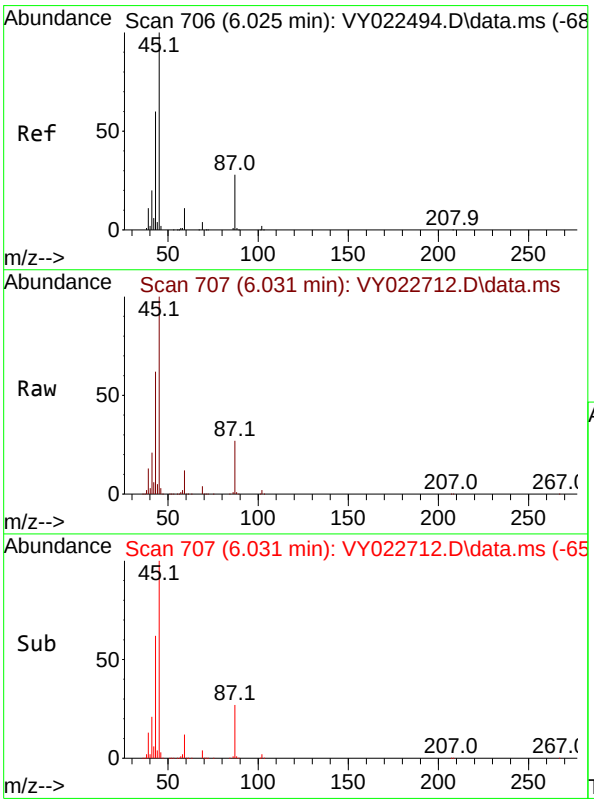


#21
trans-1,2-Dichloroethene
Concen: 51.249 ug/l
RT: 5.122 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 96 Resp: 88540

Ion	Ratio	Lower	Upper
96	100		
61	137.8	112.6	169.0
98	66.2	50.6	75.8

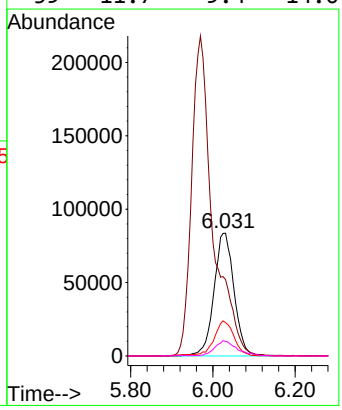


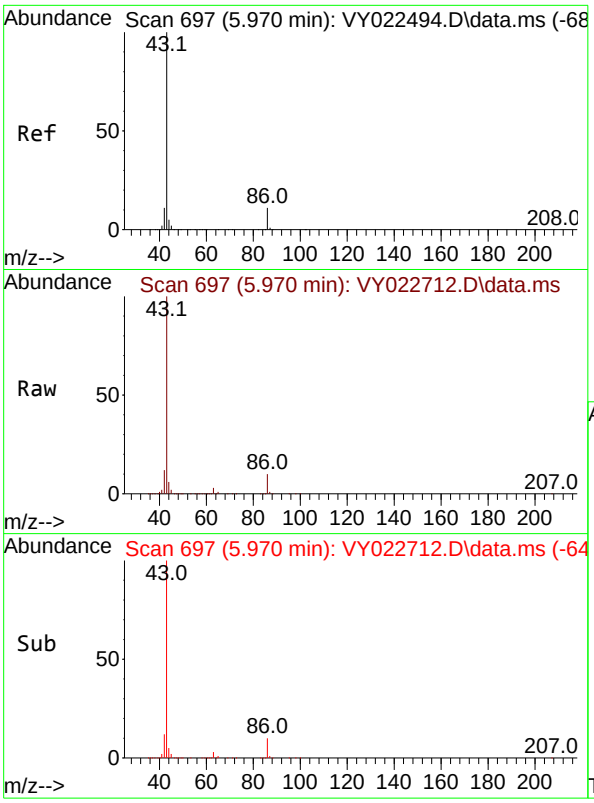


#22
Diisopropyl ether
Concen: 52.408 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 45 Resp: 282693

Ion	Ratio	Lower	Upper
45	100		
43	61.7	48.3	72.5
87	27.2	23.0	34.6
59	11.7	9.4	14.0

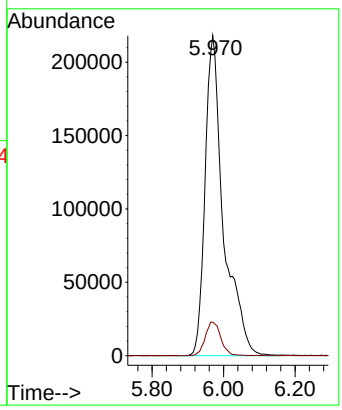


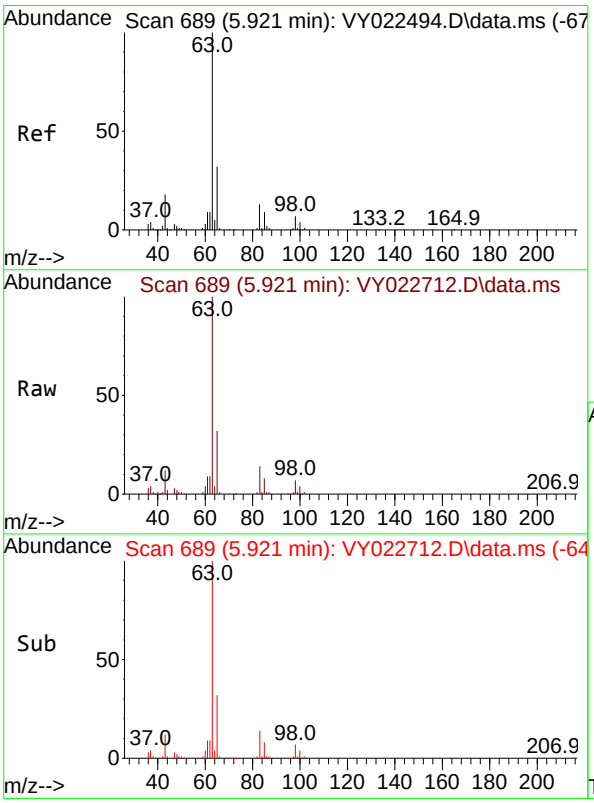


#23
Vinyl Acetate
Concen: 244.379 ug/l
RT: 5.970 min Scan# 697
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 43 Resp: 780205

Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.6	12.8

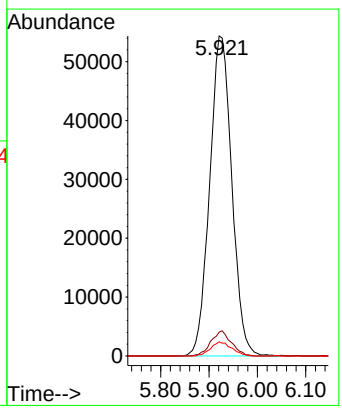


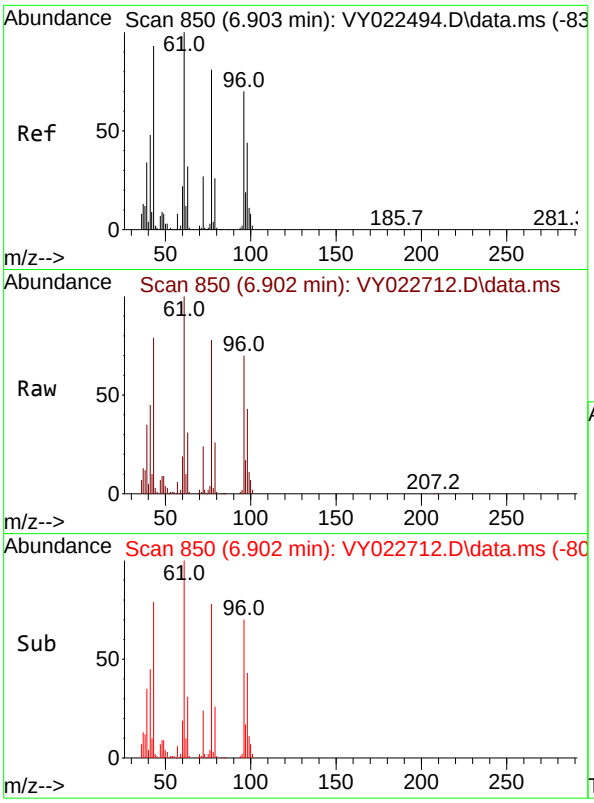


#24
1,1-Dichloroethane
Concen: 54.414 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 63 Resp: 172913

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.4	10.1
100	4.4	2.1	6.3

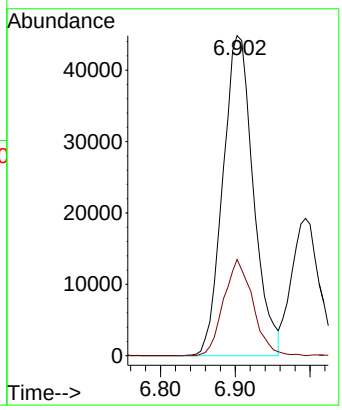


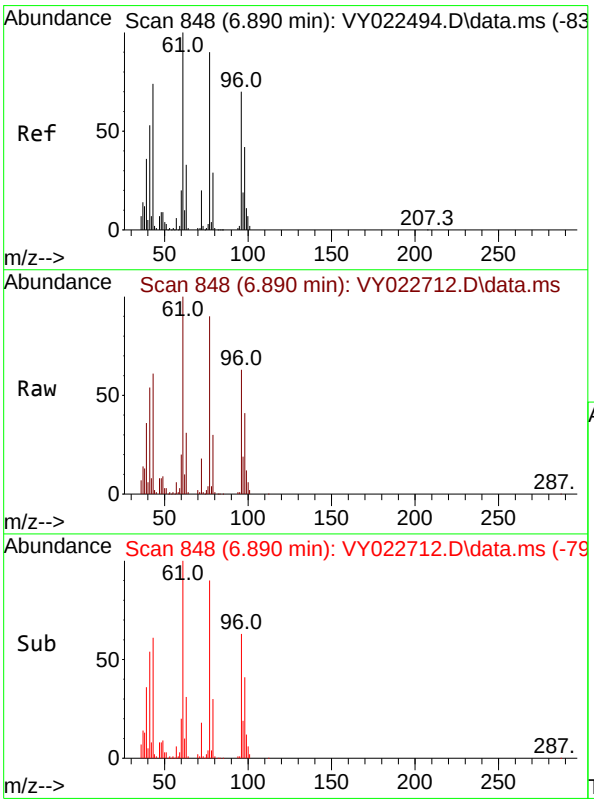


#25
2-Butanone
Concen: 264.033 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 43 Resp: 127339

Ion	Ratio	Lower	Upper
43	100		
72	30.1	22.9	34.3

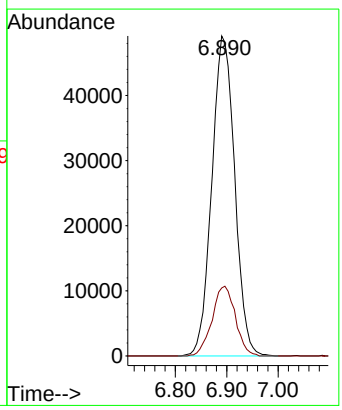


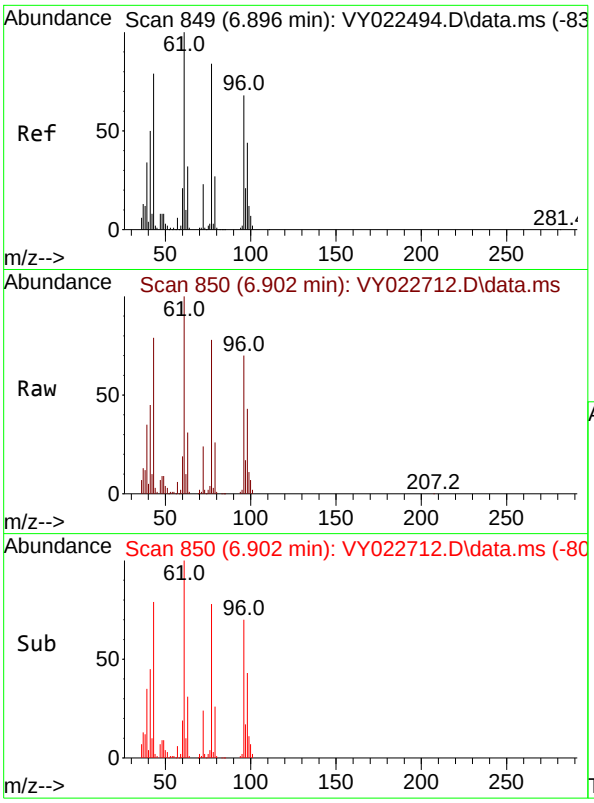


#26
2,2-Dichloropropane
Concen: 54.123 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 77 Resp: 151961

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2

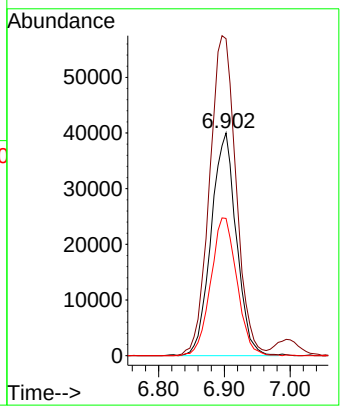


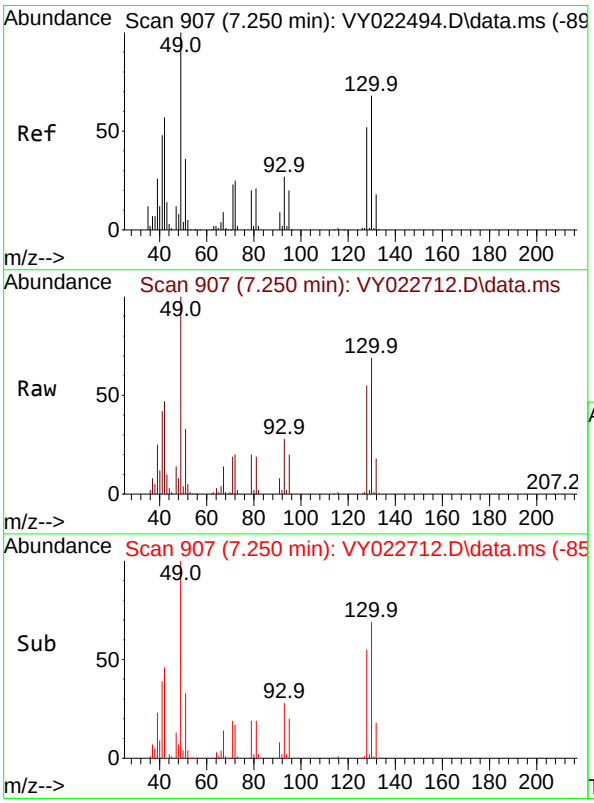


#27
cis-1,2-Dichloroethene
Concen: 53.521 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 96 Resp: 106876

Ion	Ratio	Lower	Upper
96	100		
61	151.0	0.0	290.0
98	64.0	0.0	128.4

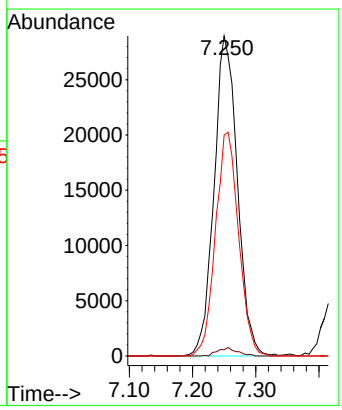


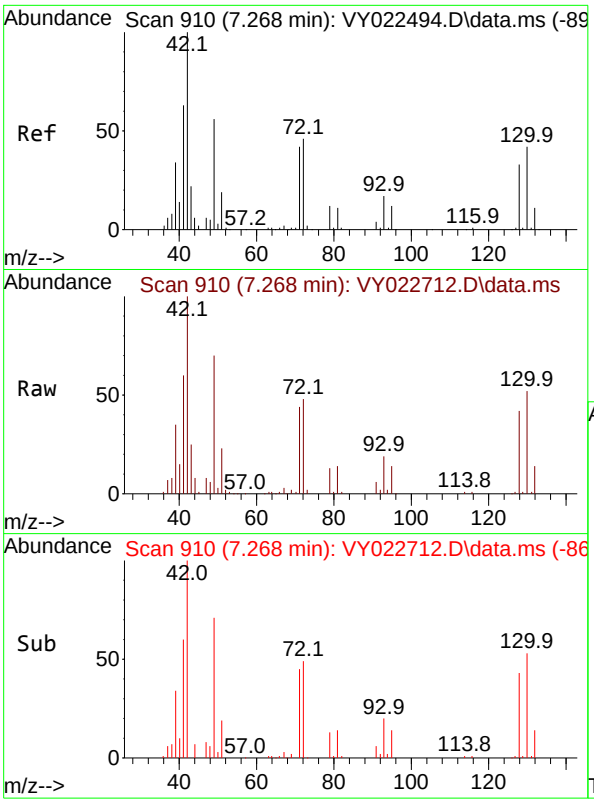


#28
Bromochloromethane
Concen: 53.421 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 49 Resp: 73999

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.6
130	69.3	55.7	83.5

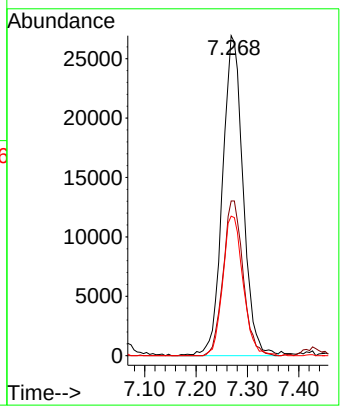


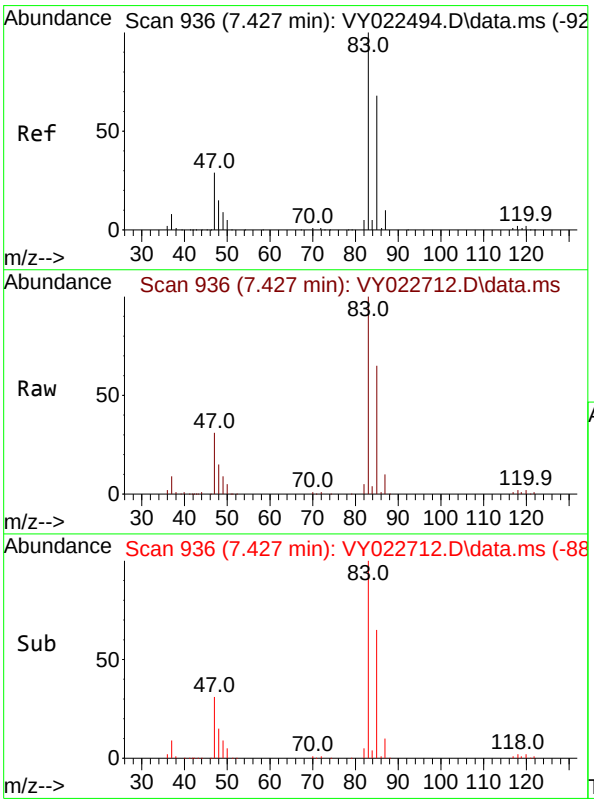


#29
Tetrahydrofuran
Concen: 240.668 ug/l
RT: 7.268 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 42 Resp: 74862

Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.4	56.2
71	42.9	34.2	51.2

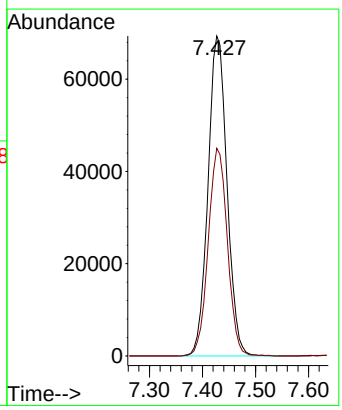


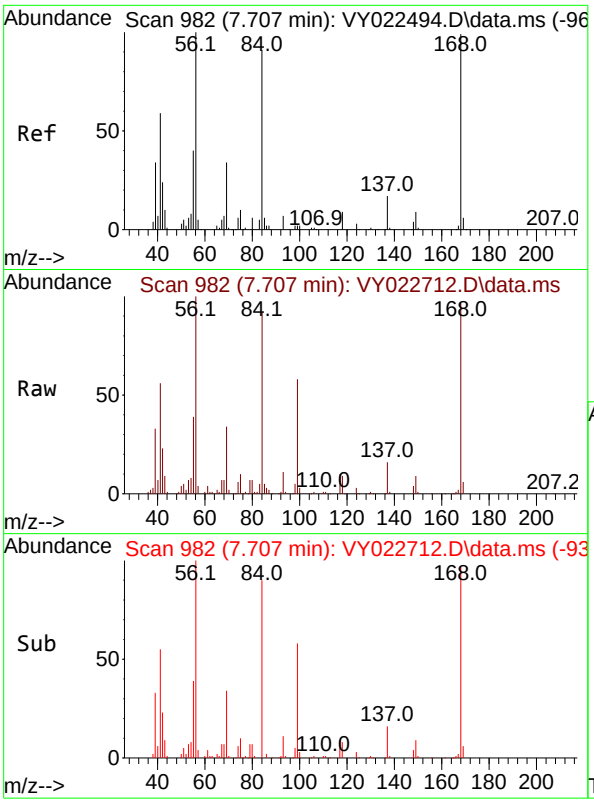


#30
Chloroform
Concen: 54.821 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 83 Resp: 172549

Ion	Ratio	Lower	Upper
83	100		
85	64.9	54.2	81.4

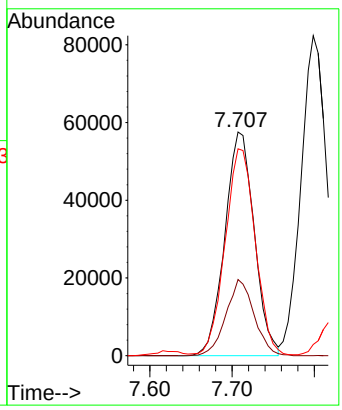


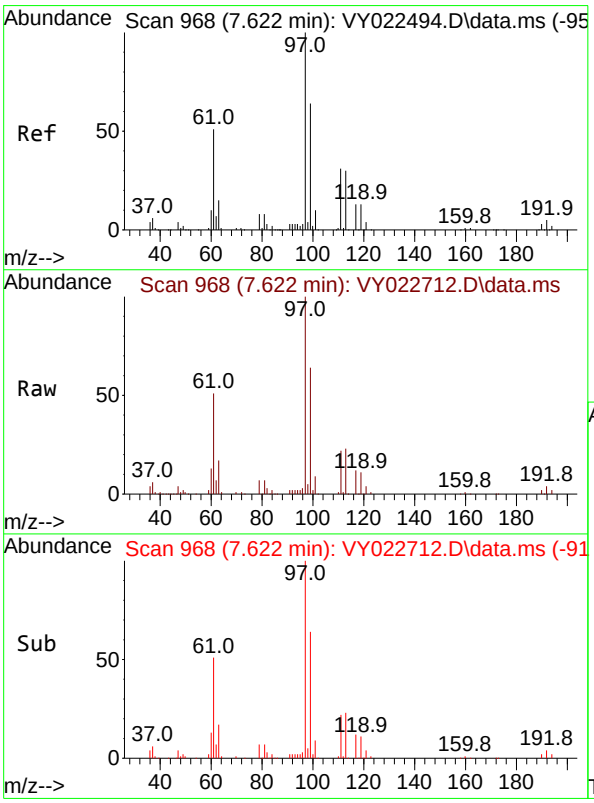


#31
Cyclohexane
Concen: 45.297 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 56 Resp: 143301

Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.0	40.6
84	90.7	72.6	109.0

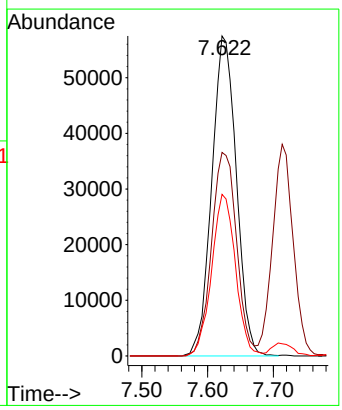


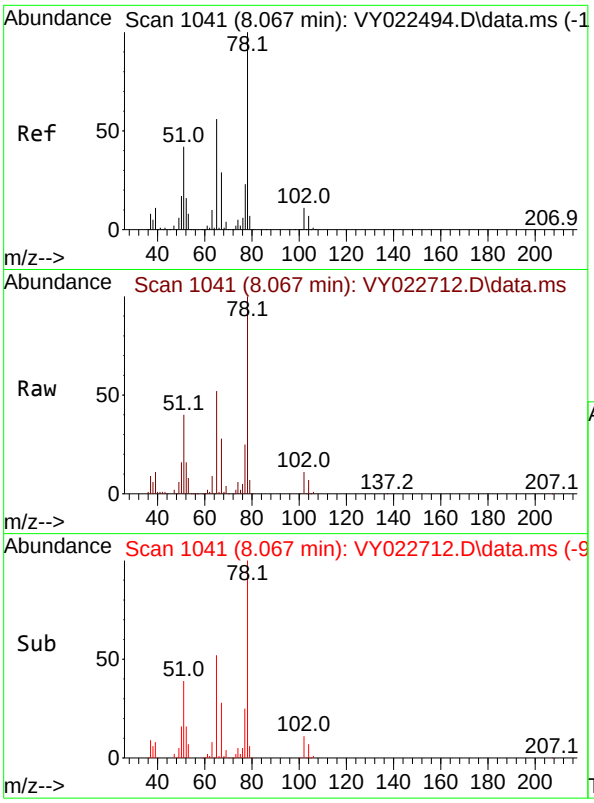


#32
1,1,1-Trichloroethane
Concen: 53.506 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 97 Resp: 149499

Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.9	76.3
61	49.2	38.5	57.7

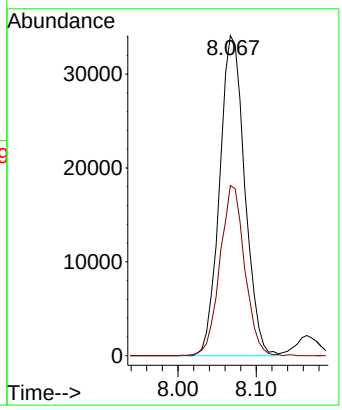


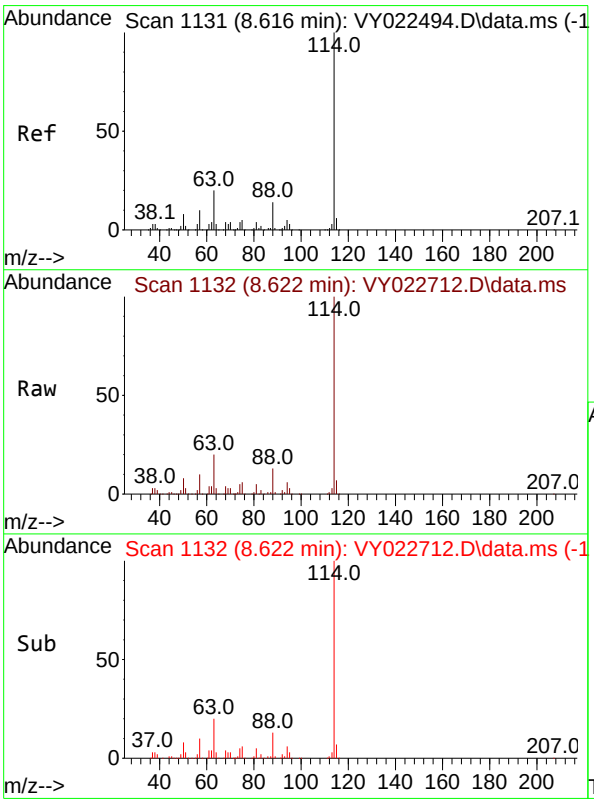


#33
1,2-Dichloroethane-d4
Concen: 46.264 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 65 Resp: 76167

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.4

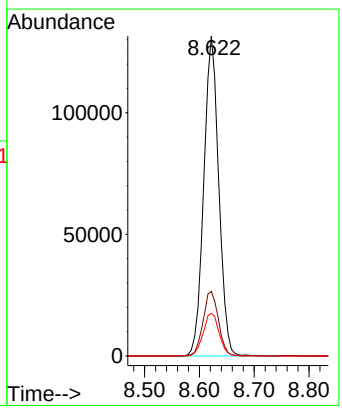


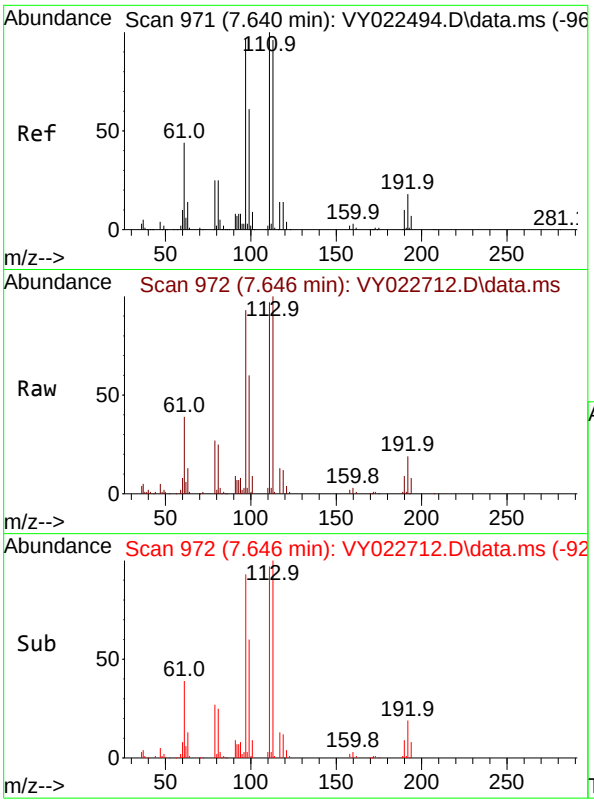


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:114 Resp: 248517

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	13.4	0.0	27.8

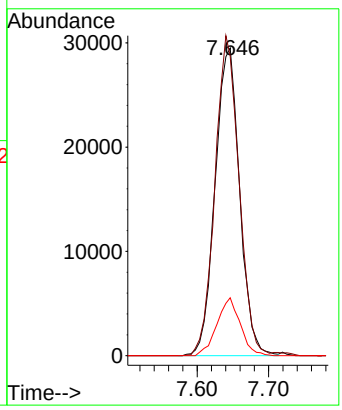


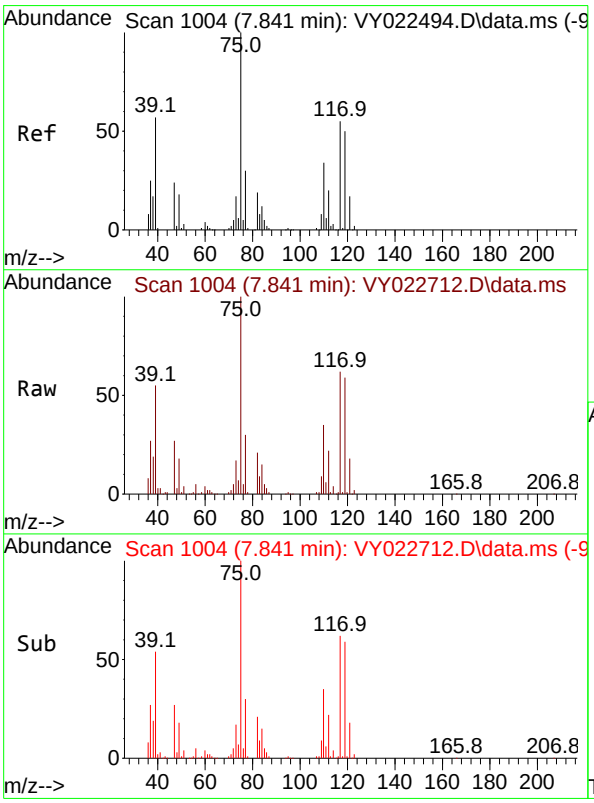


#35
Dibromofluoromethane
Concen: 47.437 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:113 Resp: 70365

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.1	121.7
192	17.9	14.2	21.2

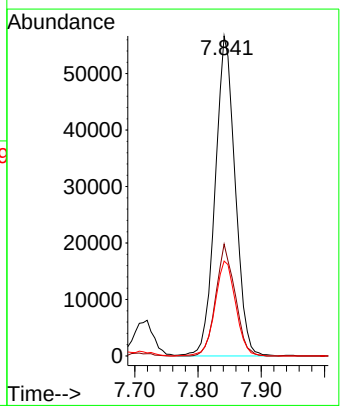


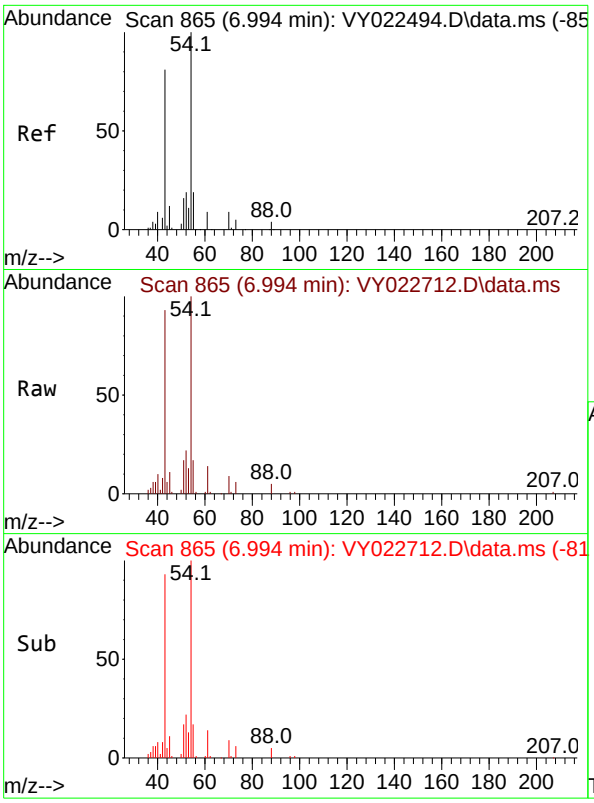


#36
1,1-Dichloropropene
Concen: 51.610 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 75 Resp: 124250

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	30.7	24.8	37.2

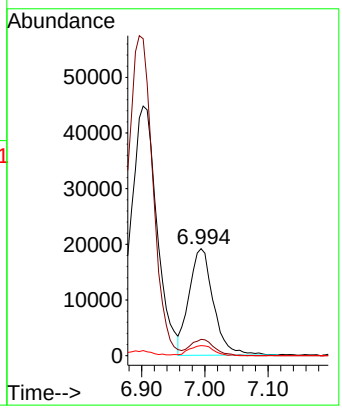


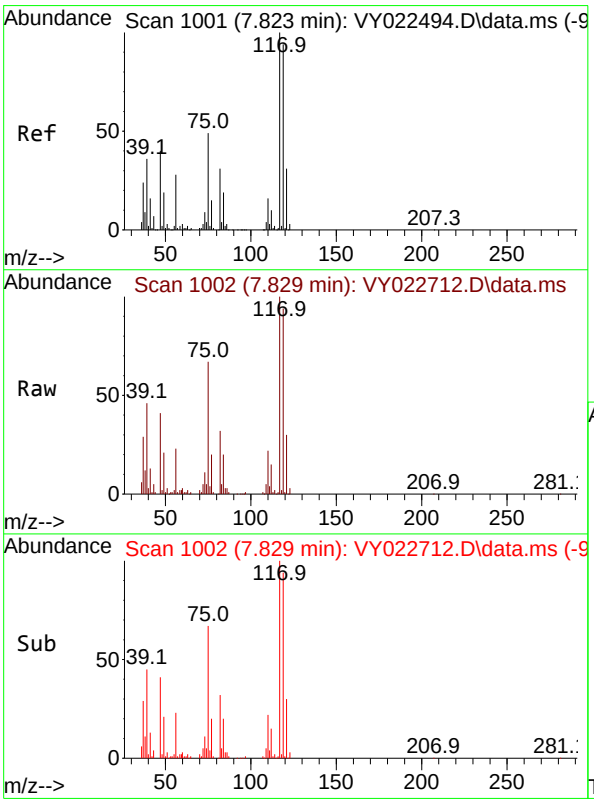


#37
Ethyl Acetate
Concen: 47.652 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 43 Resp: 51160

Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	9.8	7.2	10.8

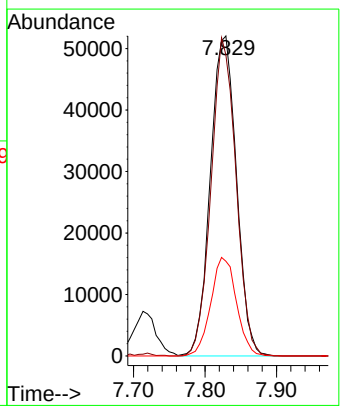


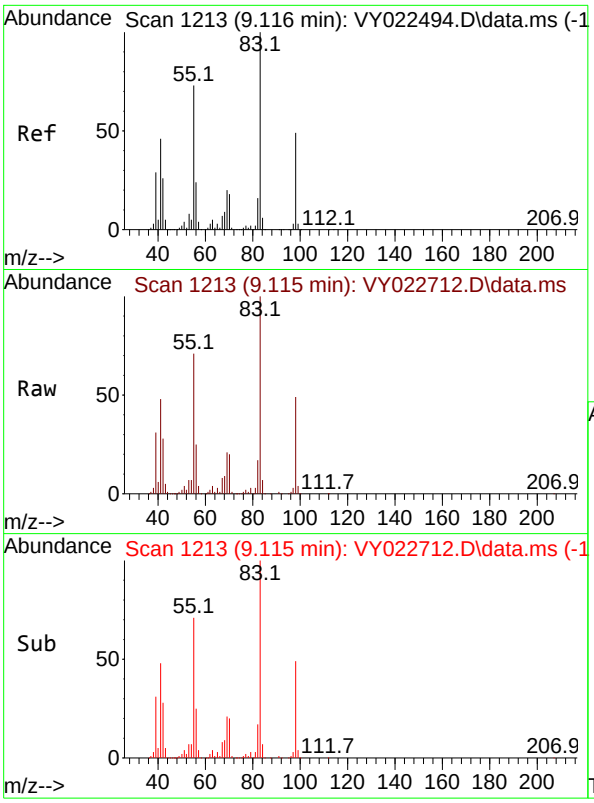


#38
Carbon Tetrachloride
Concen: 53.384 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:117 Resp: 131844

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
121	29.6	25.0	37.4

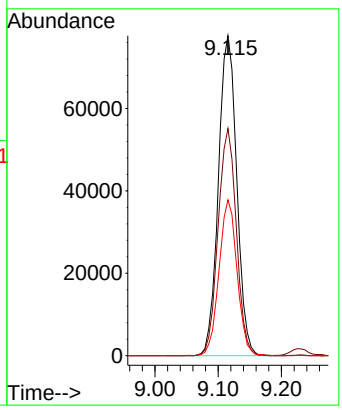


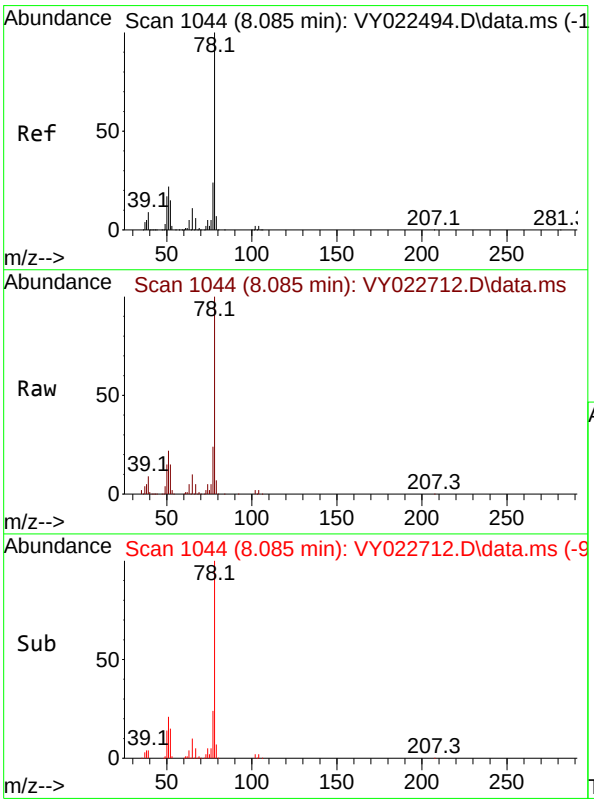


#39
Methylcyclohexane
Concen: 48.167 ug/l
RT: 9.115 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 83 Resp: 155833

Ion	Ratio	Lower	Upper
83	100		
55	71.0	58.1	87.1
98	48.7	39.0	58.6

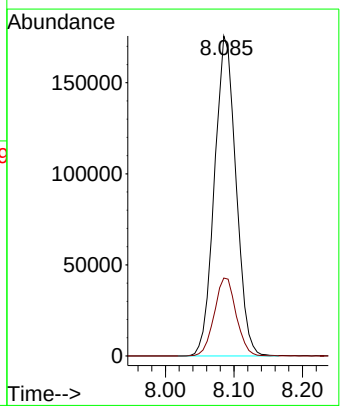


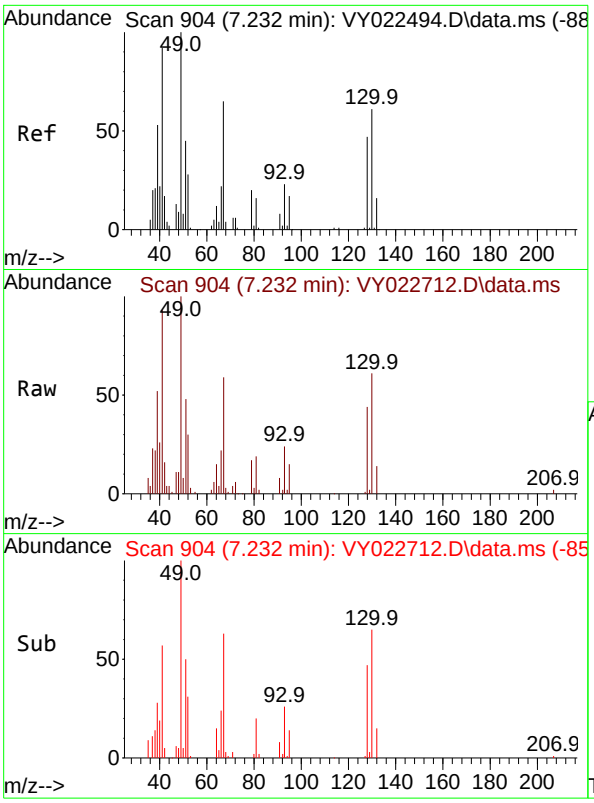


#40
Benzene
Concen: 53.809 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 78 Resp: 382618

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9

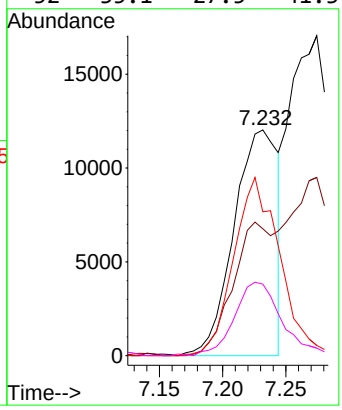


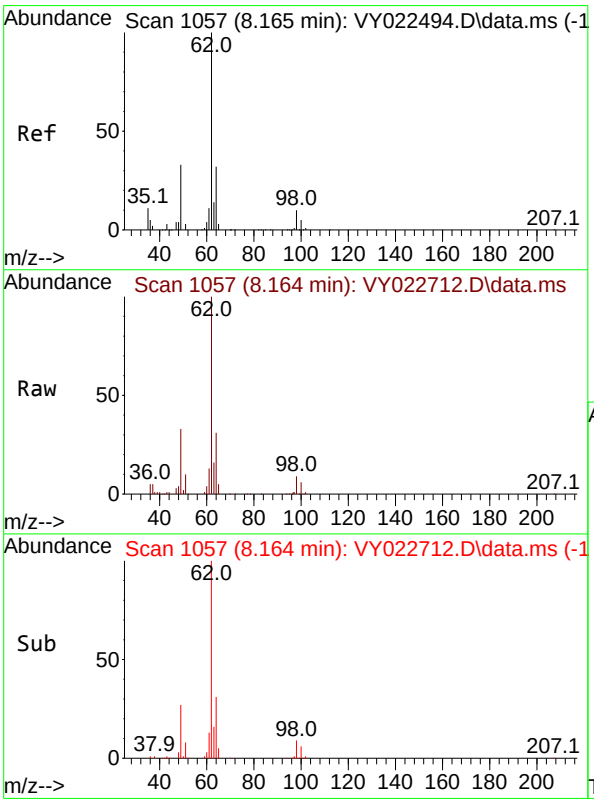


#41
Methacrylonitrile
Concen: 46.357 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 41 Resp: 29071

Ion	Ratio	Lower	Upper
41	100		
39	50.9	46.6	69.8
67	83.6	63.3	94.9
52	35.1	27.5	41.3

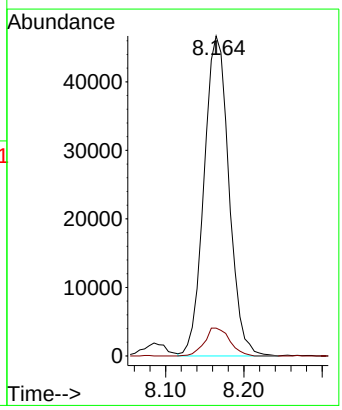


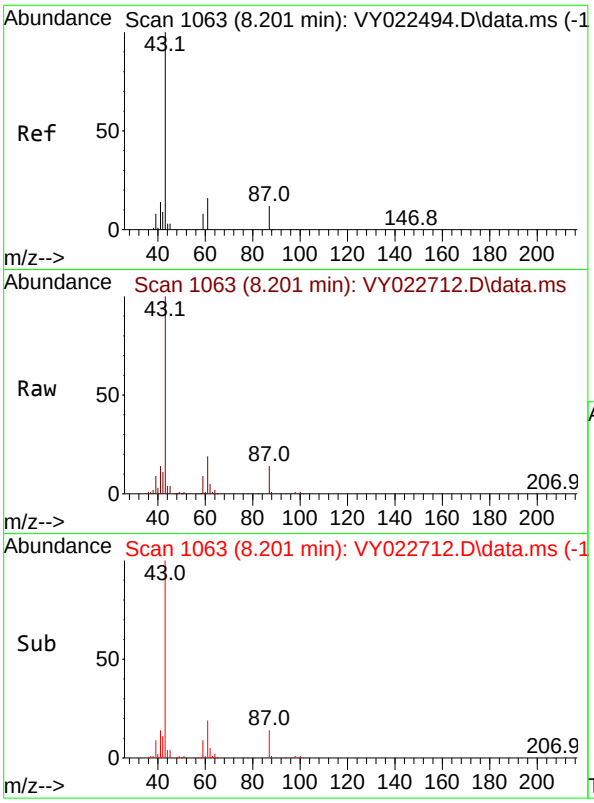


#42
1,2-Dichloroethane
Concen: 53.117 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 62 Resp: 103128

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2

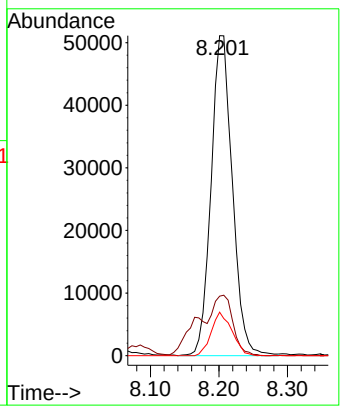


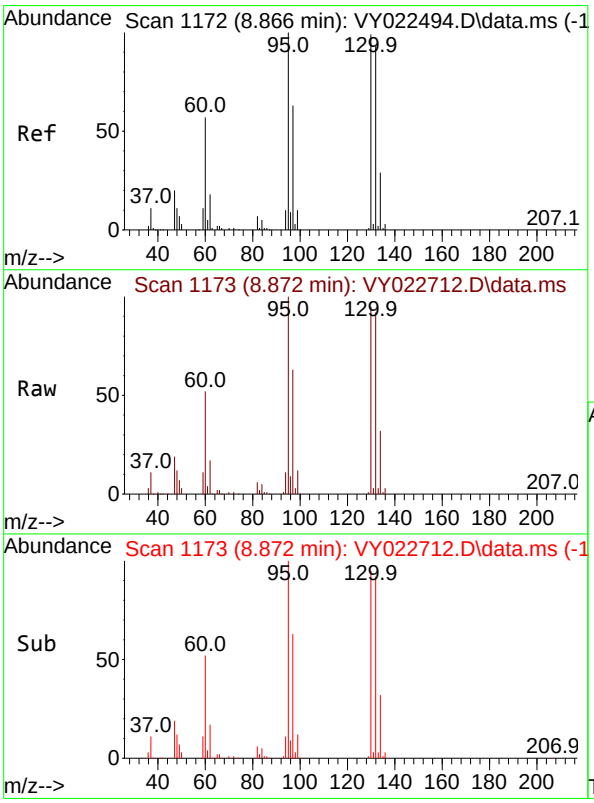


#43
Isopropyl Acetate
Concen: 47.600 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 43 Resp: 110371

Ion	Ratio	Lower	Upper
43	100		
61	18.2	15.6	23.4
87	13.2	10.2	15.4

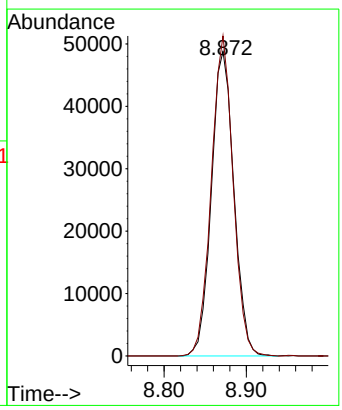


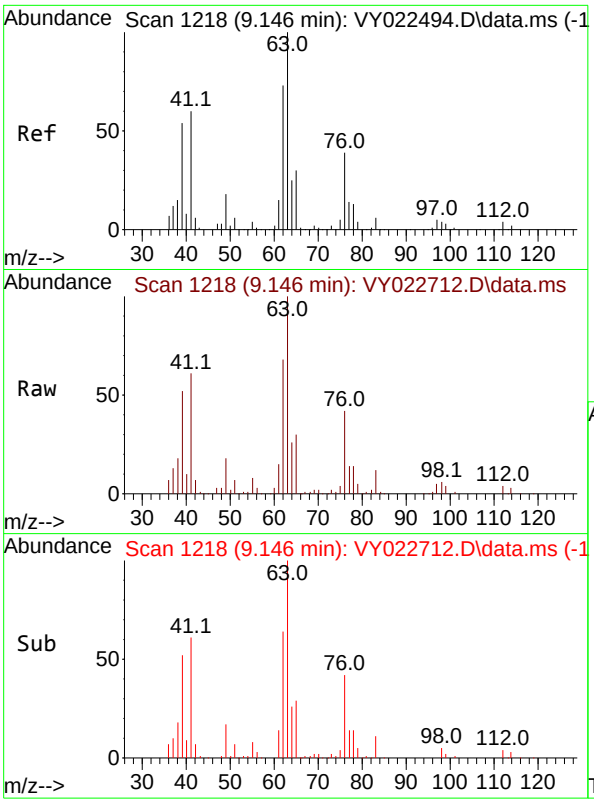


#44
Trichloroethene
Concen: 53.368 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:130 Resp: 92747

Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	203.0

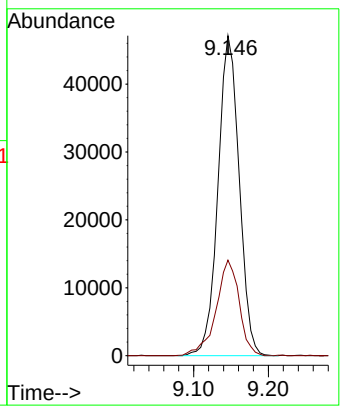


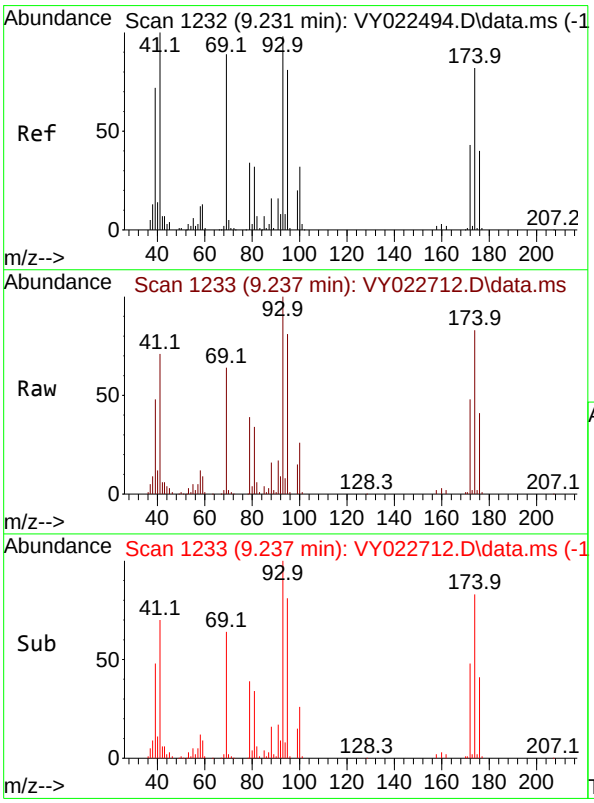


#45
1,2-Dichloropropane
Concen: 55.355 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 63 Resp: 93024

Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.0	36.0

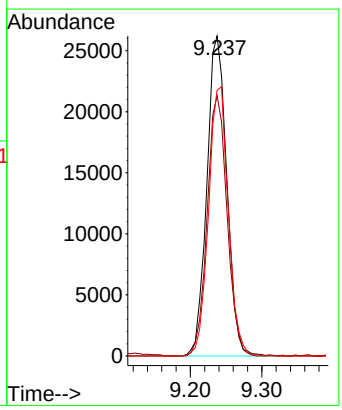


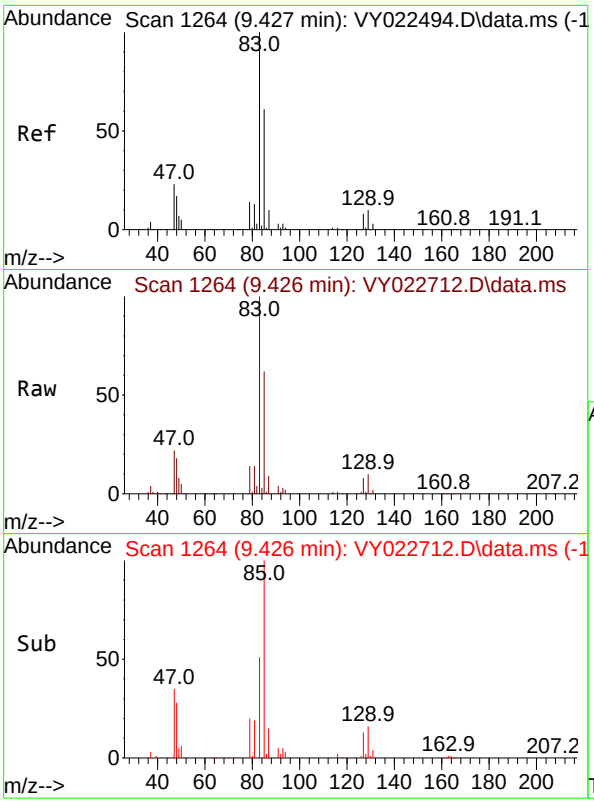


#46
Dibromomethane
Concen: 53.727 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 93 Resp: 50795

Ion	Ratio	Lower	Upper
93	100		
95	81.0	65.6	98.4
174	83.4	70.4	105.6

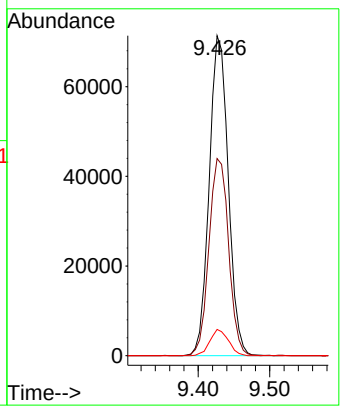


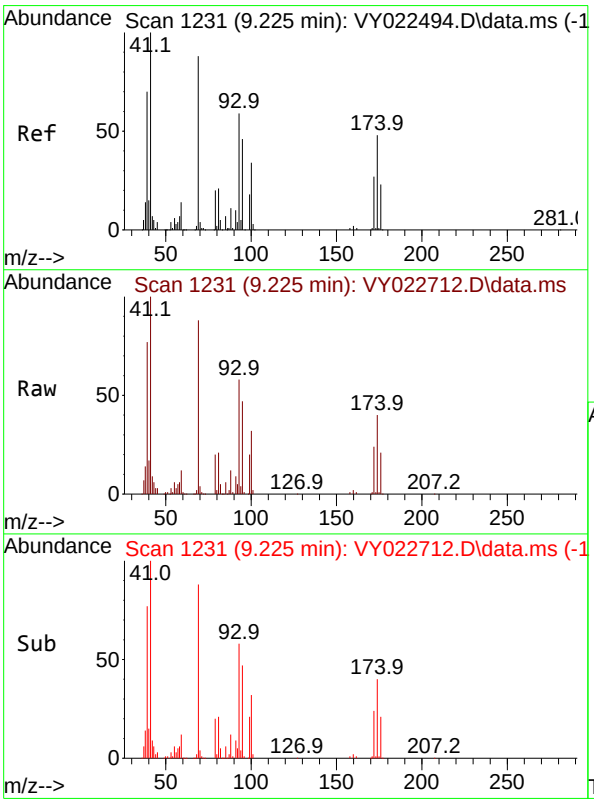


#47
Bromodichloromethane
Concen: 55.048 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 83 Resp: 131964

Ion	Ratio	Lower	Upper
83	100		
85	61.6	49.1	73.7
127	8.2	6.2	9.4

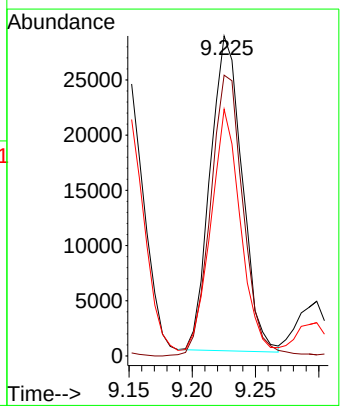


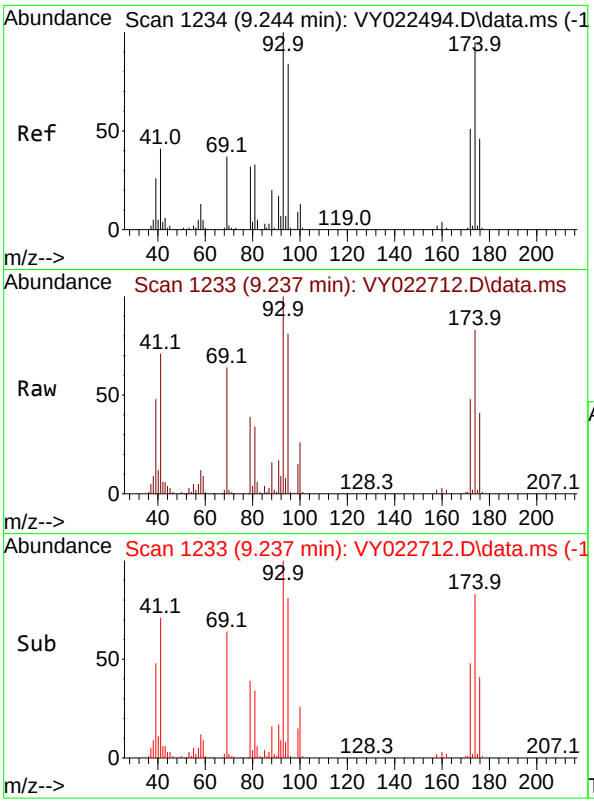


#48
Methyl methacrylate
Concen: 45.940 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 41 Resp: 49994

Ion	Ratio	Lower	Upper
41	100		
69	91.6	67.8	101.8
39	71.1	55.0	82.4

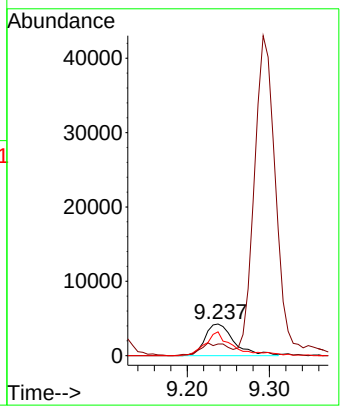


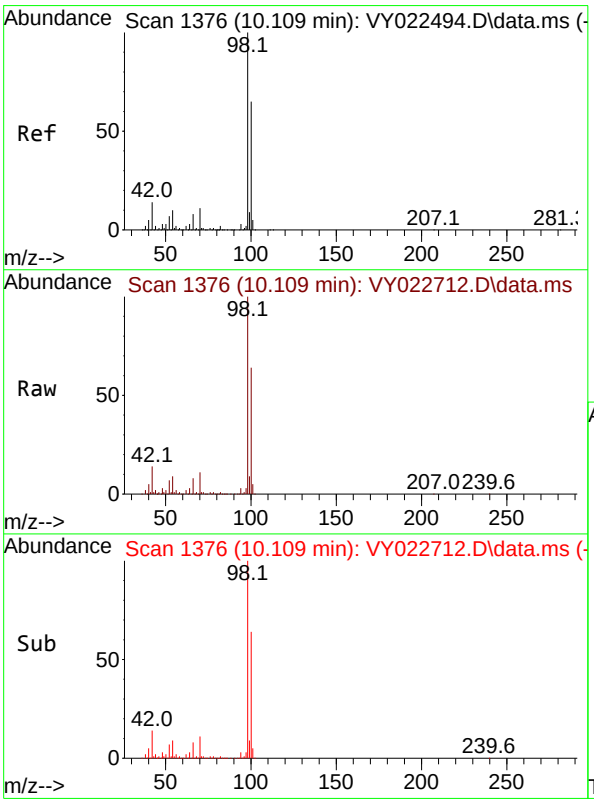


#49
1,4-Dioxane
Concen: 940.942 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 88 Resp: 10539

Ion	Ratio	Lower	Upper
88	100		
43	36.8	25.4	38.2
58	72.1	54.9	82.3

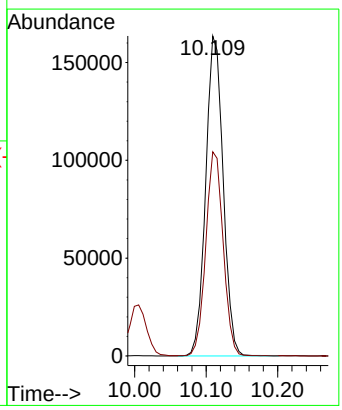


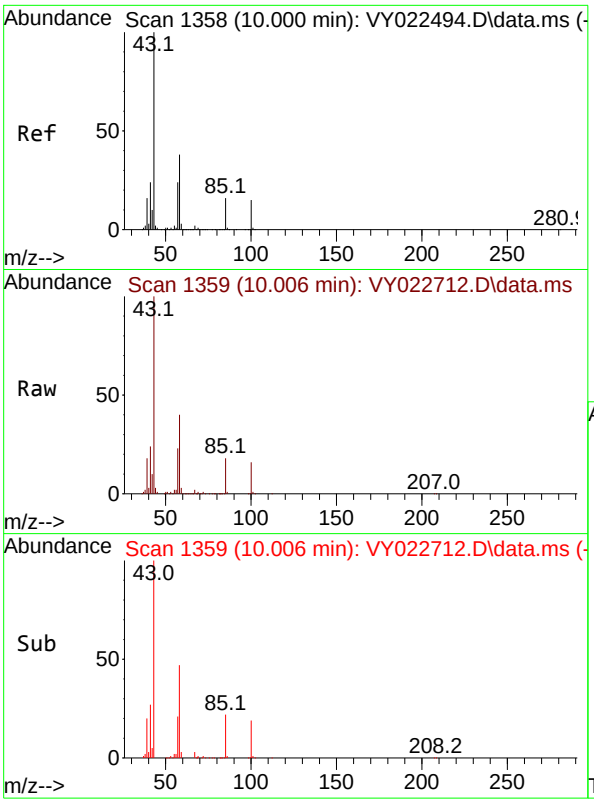


#50
Toluene-d8
Concen: 46.179 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 98 Resp: 276781

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.0

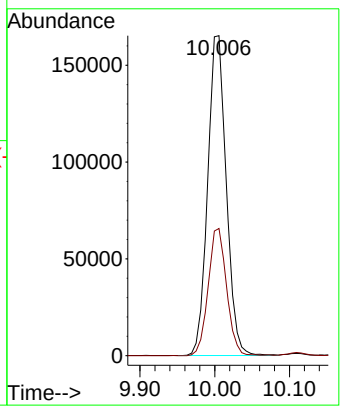


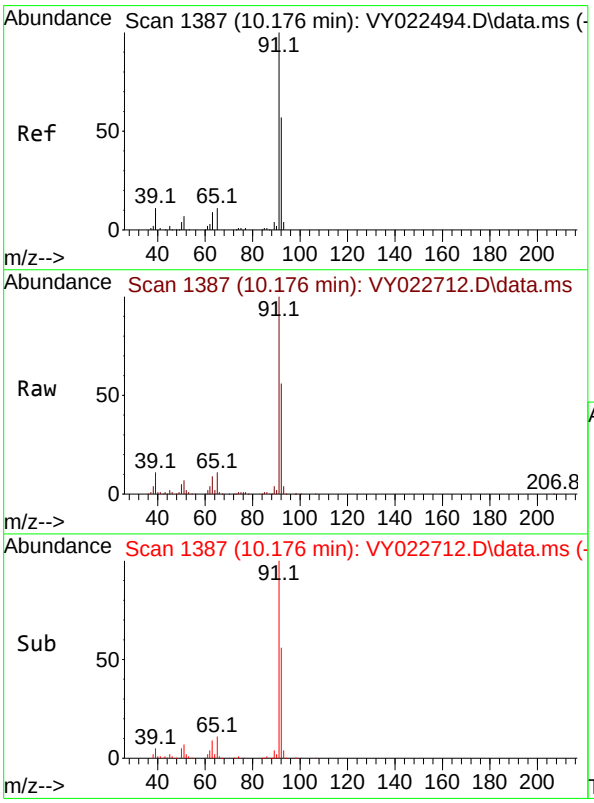


#51
4-Methyl-2-Pentanone
Concen: 247.198 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 43 Resp: 285771

Ion	Ratio	Lower	Upper
43	100		
58	39.5	30.4	45.6

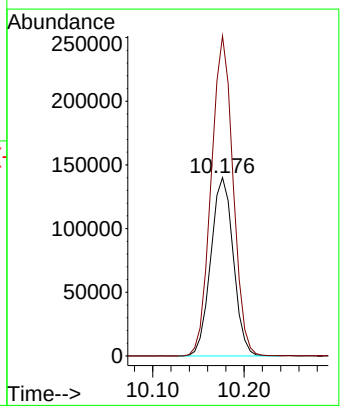


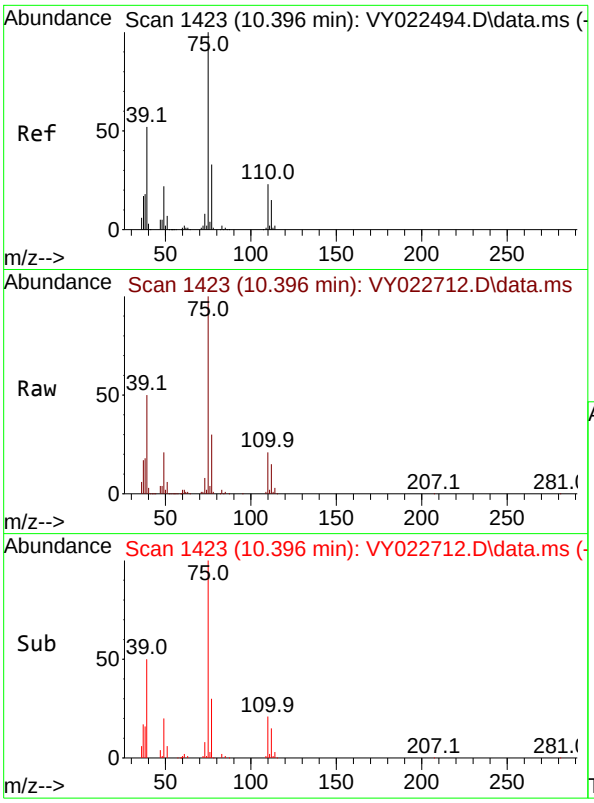


#52
Toluene
Concen: 53.526 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 92 Resp: 239185

Ion	Ratio	Lower	Upper
92	100		
91	174.9	139.0	208.4

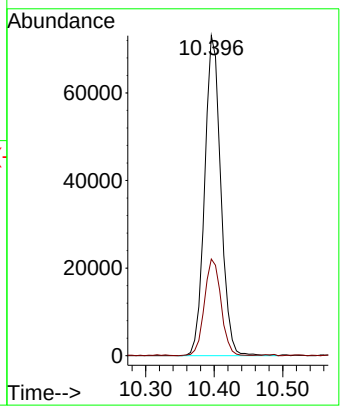


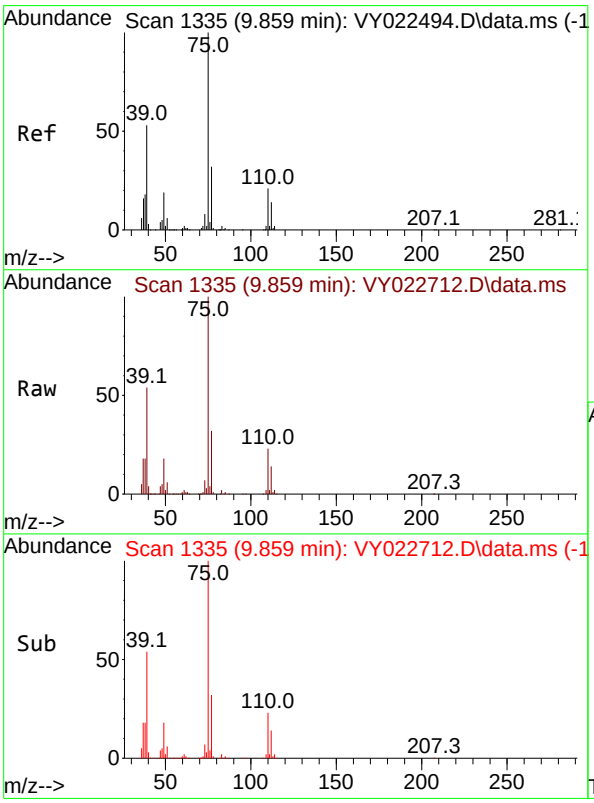


#53
t-1,3-Dichloropropene
Concen: 53.252 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 75 Resp: 119612

Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.5	39.7

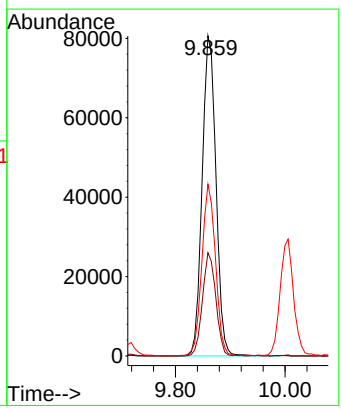


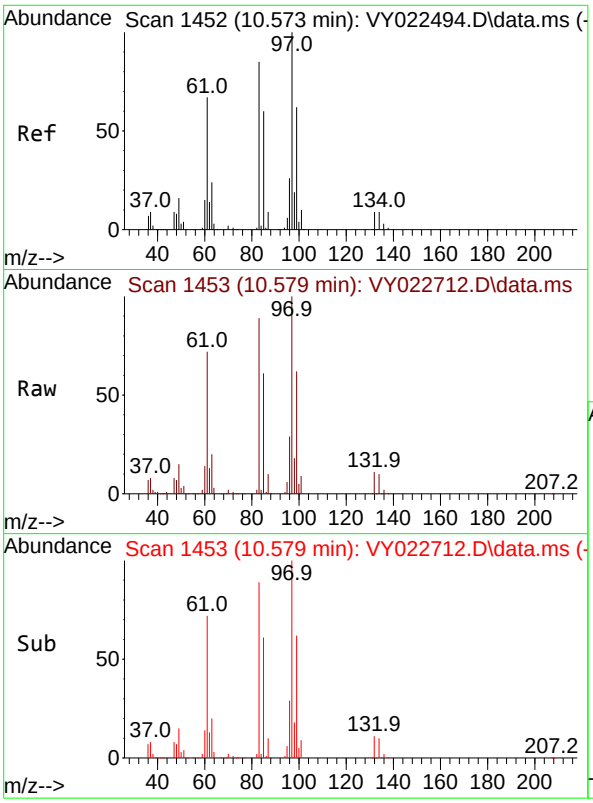


#54
cis-1,3-Dichloropropene
Concen: 53.874 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 75 Resp: 140861

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9
39	53.5	42.7	64.1

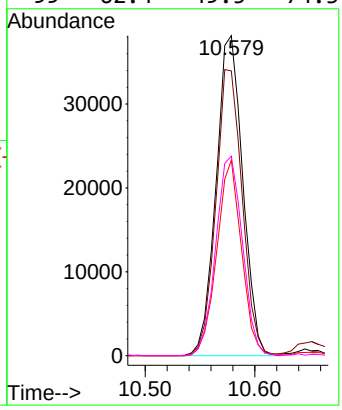


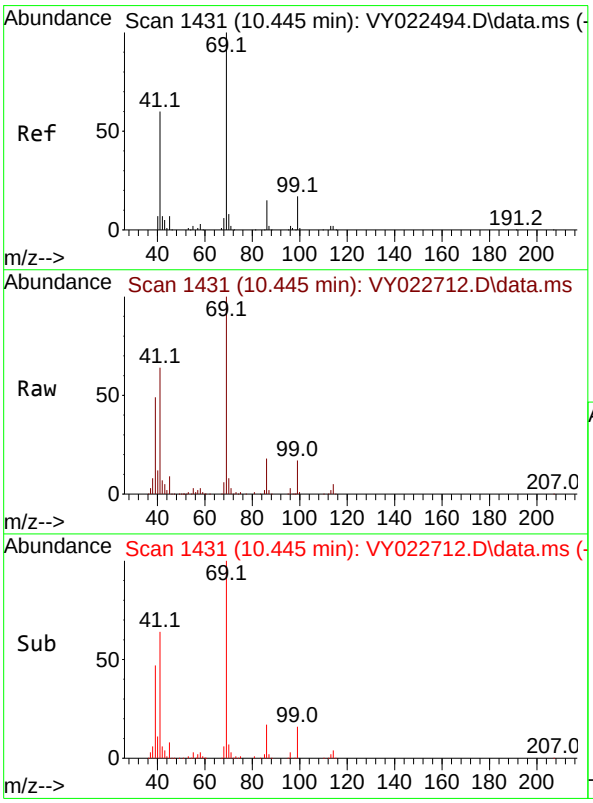


#55
1,1,2-Trichloroethane
Concen: 53.555 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 97 Resp: 64562

Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.1	102.1
85	61.2	48.2	72.2
99	62.4	49.5	74.3

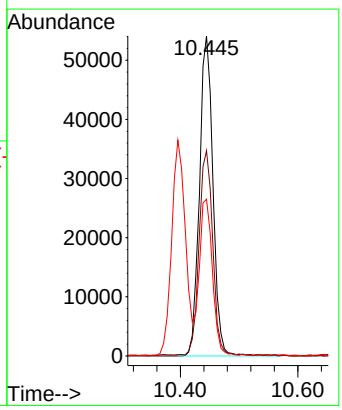


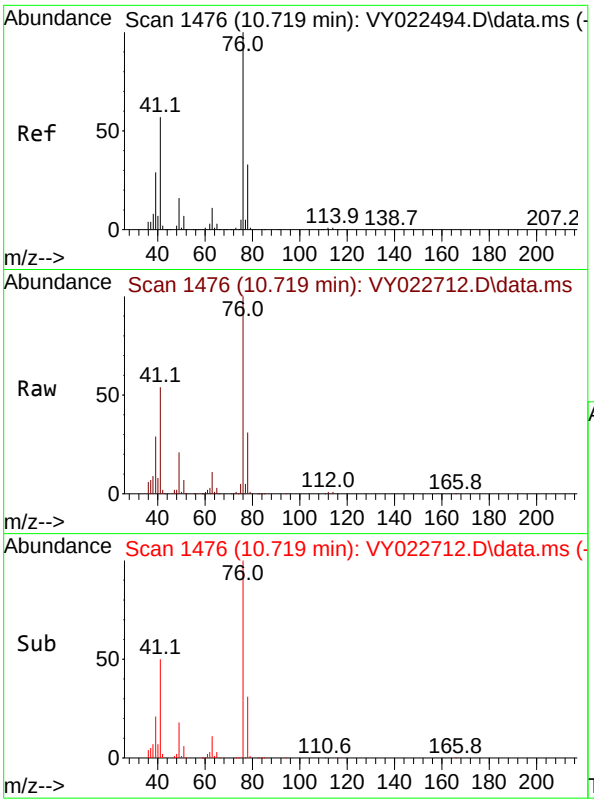


#56
Ethyl methacrylate
Concen: 49.555 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 69 Resp: 86344

Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.2	78.2
39	47.5	36.7	55.1

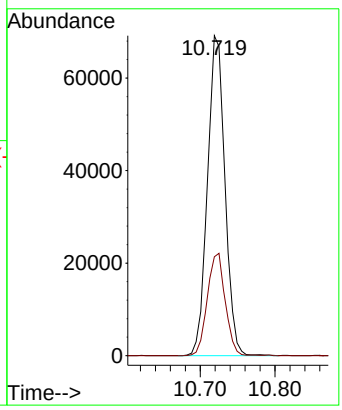


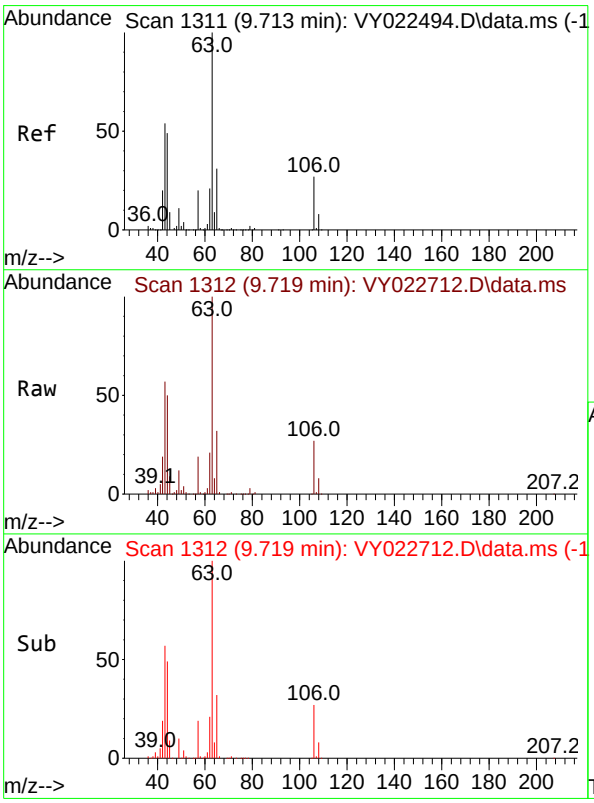


#57
1,3-Dichloropropane
Concen: 52.669 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 76 Resp: 112537

Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.8

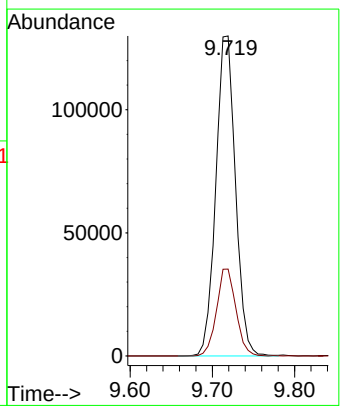


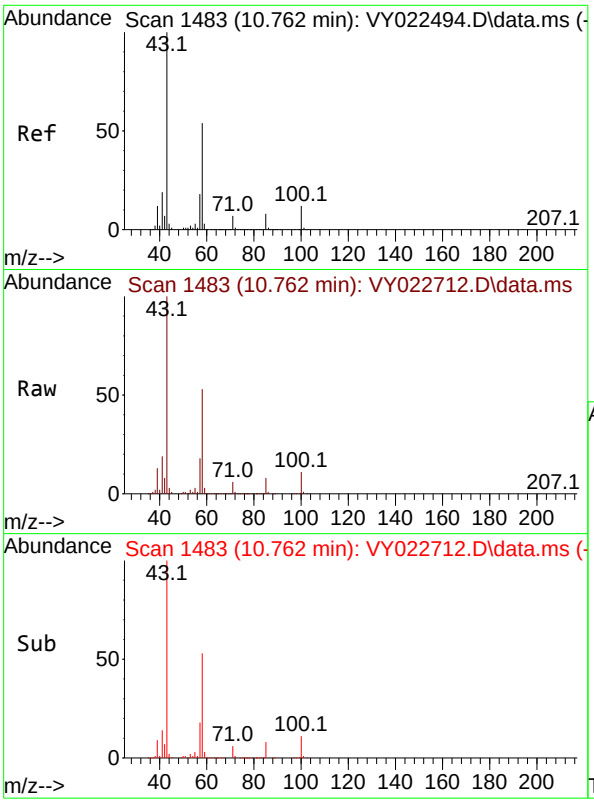


#58
2-Chloroethyl Vinyl ether
Concen: 272.456 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 63 Resp: 215536

Ion	Ratio	Lower	Upper
63	100		
106	26.8	21.6	32.4

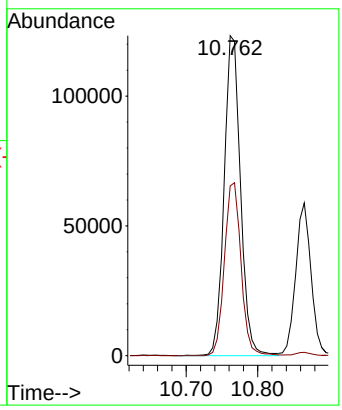


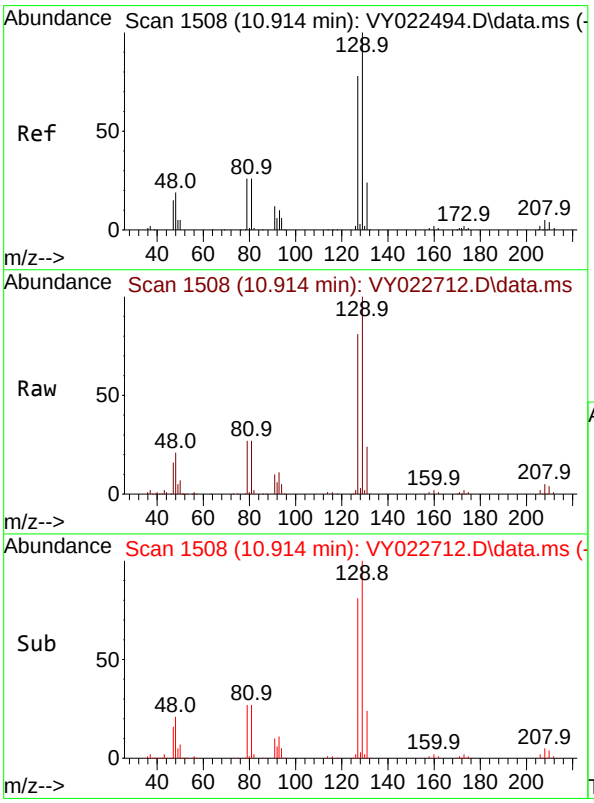


#59
2-Hexanone
Concen: 253.685 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 43 Resp: 196136

Ion	Ratio	Lower	Upper
43	100		
58	54.8	27.3	81.8

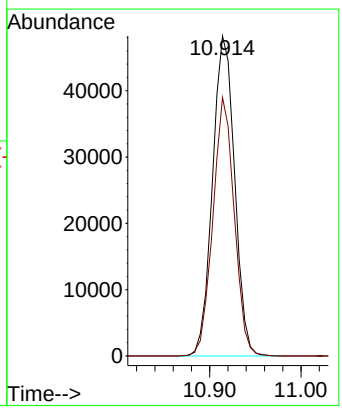


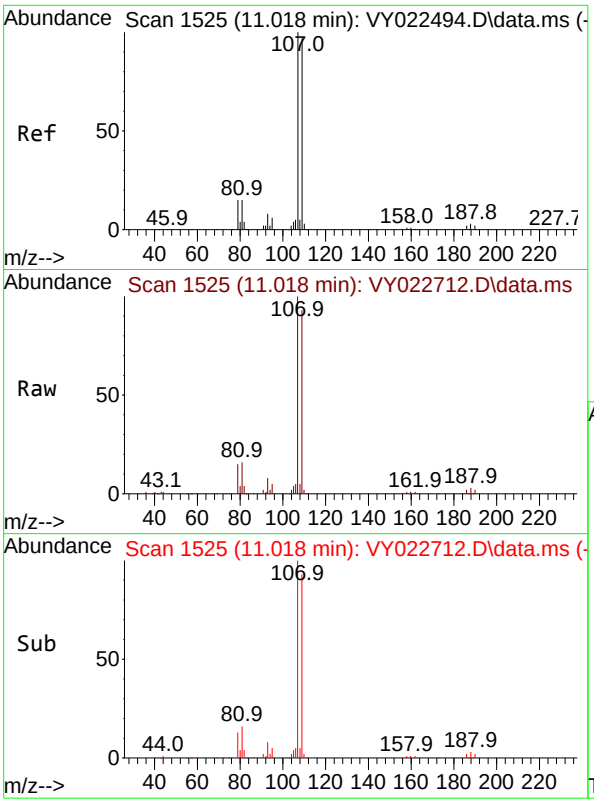


#60
Dibromochloromethane
Concen: 52.863 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:129 Resp: 80987

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.2

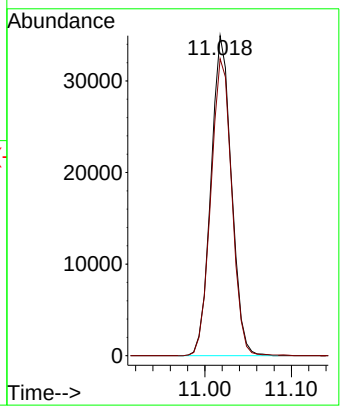


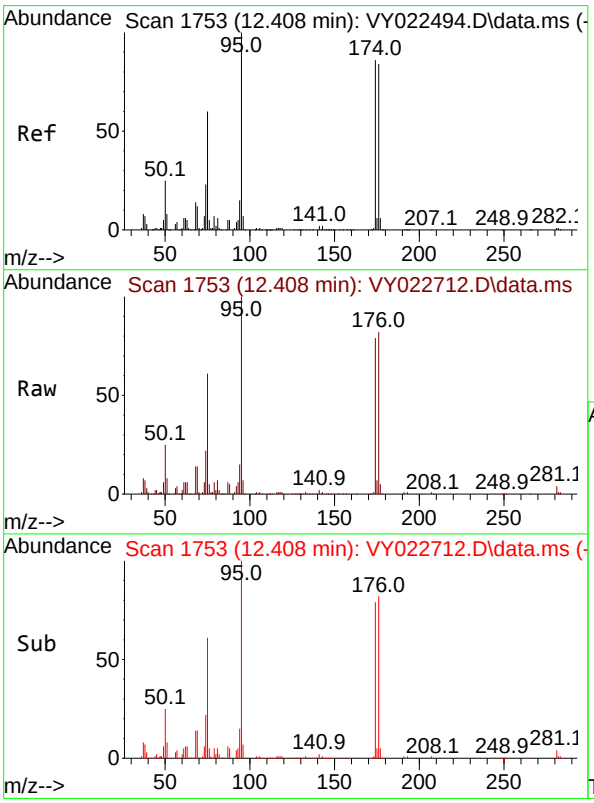


#61
1,2-Dibromoethane
Concen: 52.269 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:107 Resp: 57432

Ion	Ratio	Lower	Upper
107	100		
109	94.7	77.7	116.5

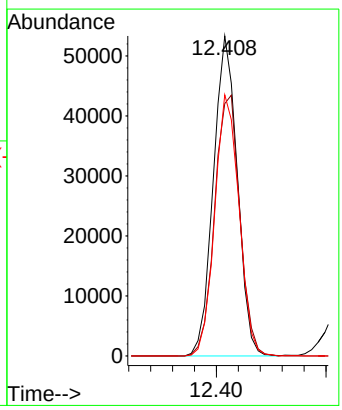


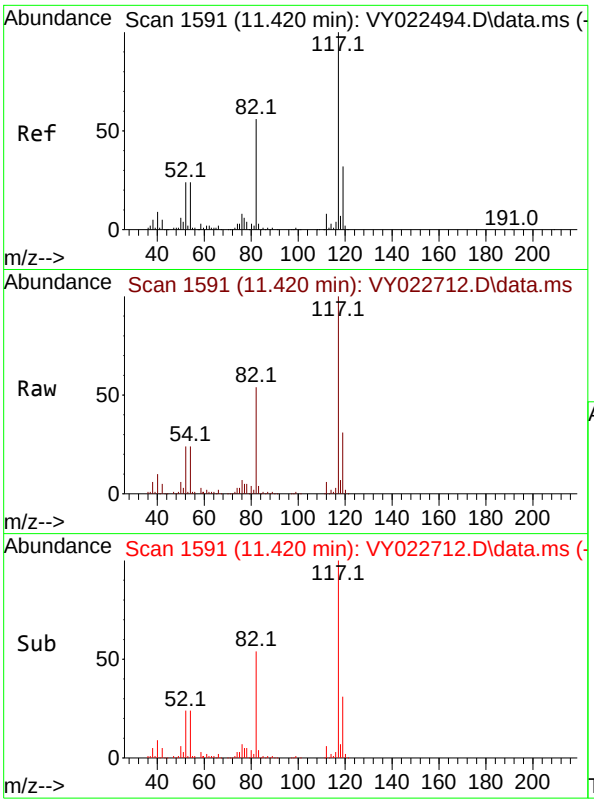


#62
4-Bromofluorobenzene
Concen: 45.266 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 95 Resp: 80837

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	170.0
176	82.8	0.0	166.2

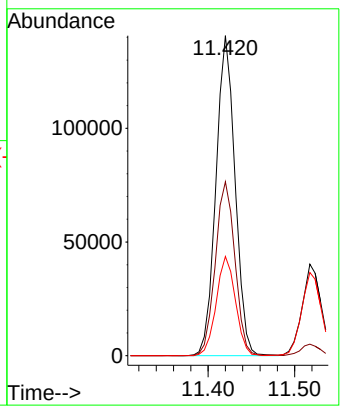


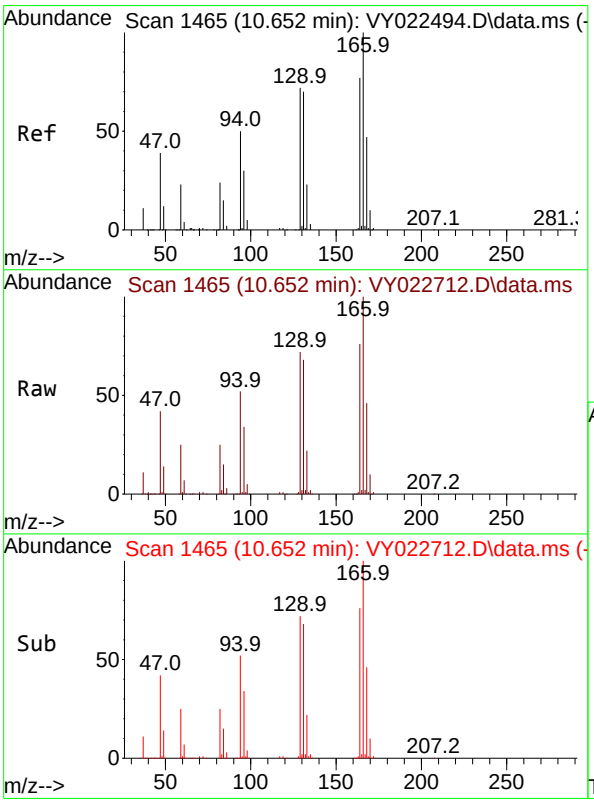


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:117 Resp: 216018

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	66.8
119	31.0	25.4	38.0

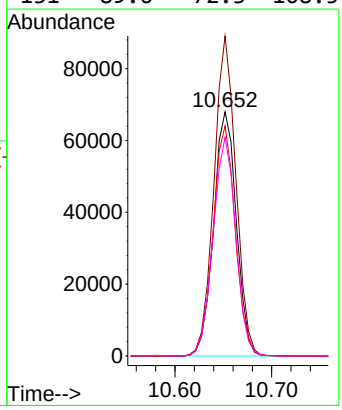


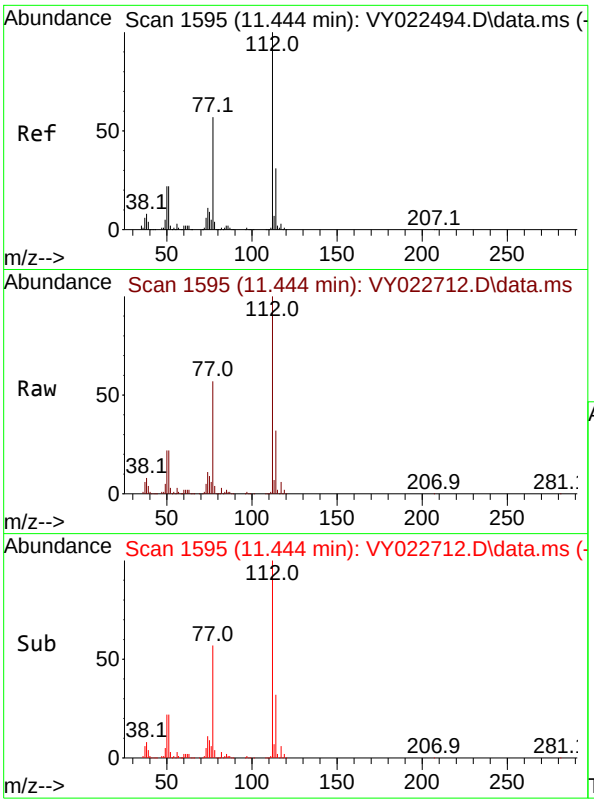


#64
Tetrachloroethene
Concen: 59.518 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:164 Resp: 110597

Ion	Ratio	Lower	Upper
164	100		
166	131.1	104.0	156.0
129	94.2	74.5	111.7
131	89.6	72.3	108.5

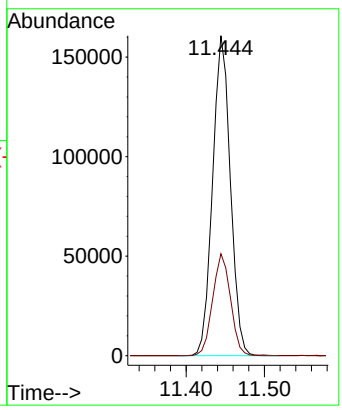


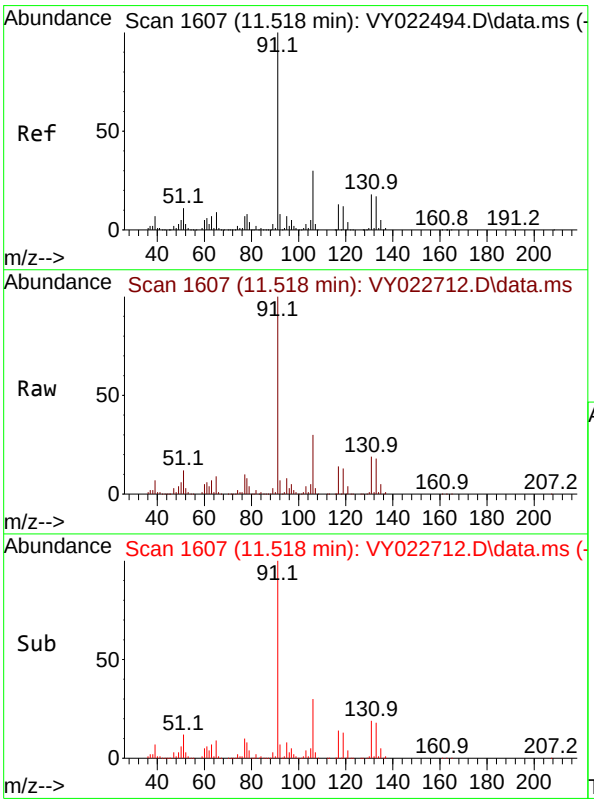


#65
Chlorobenzene
Concen: 53.069 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:112 Resp: 253682

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.0	37.6

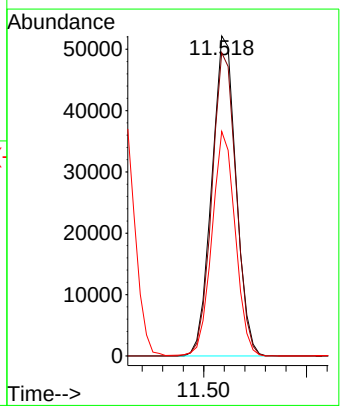


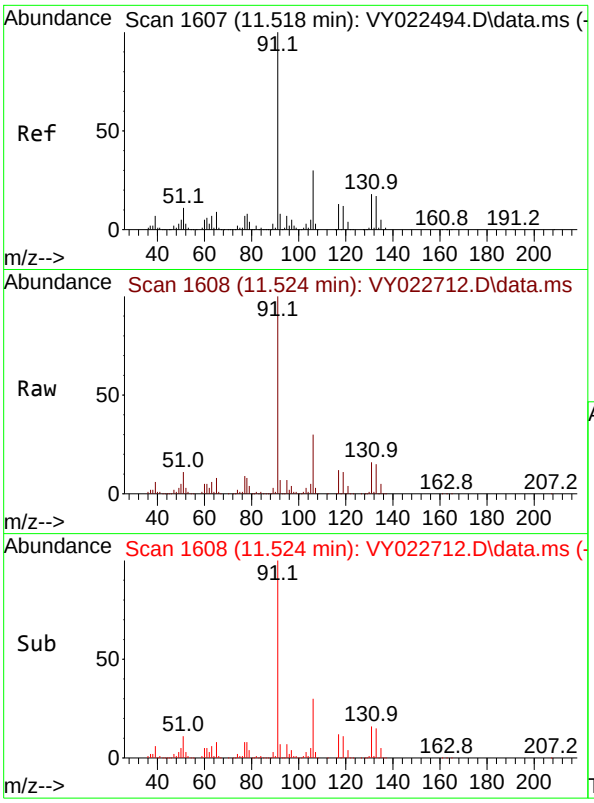


#66
1,1,1,2-Tetrachloroethane
Concen: 53.072 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:131 Resp: 85463

Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.3	141.8
119	67.3	33.1	99.3

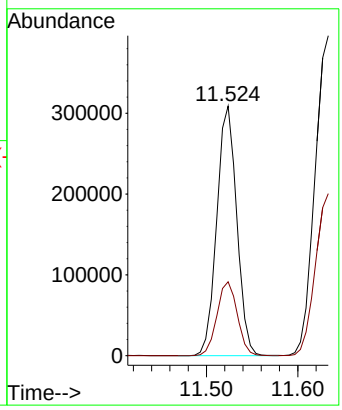


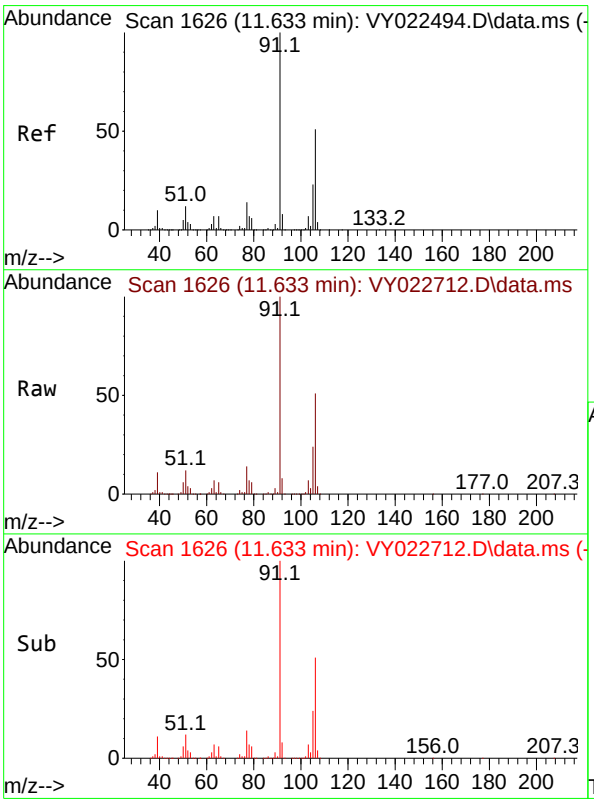


#67
Ethyl Benzene
Concen: 52.959 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 91 Resp: 469544

Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.2	36.4

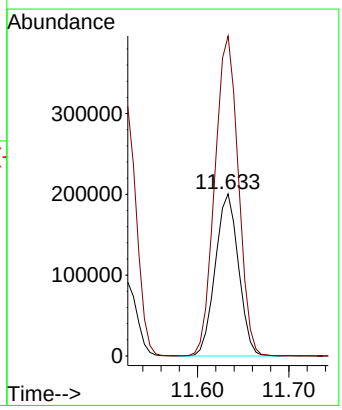


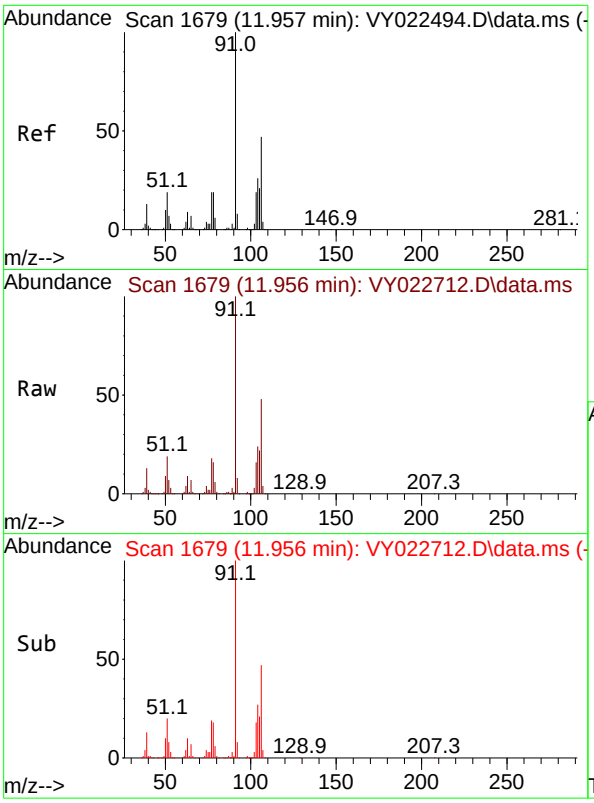


#68
m/p-Xylenes
Concen: 105.508 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:106 Resp: 354622

Ion	Ratio	Lower	Upper
106	100		
91	200.0	159.4	239.0

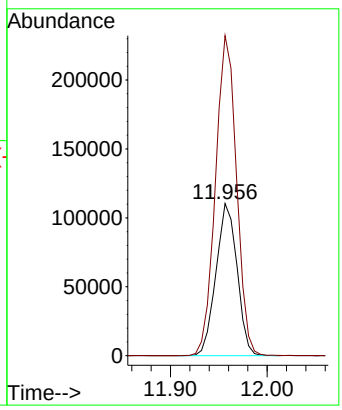


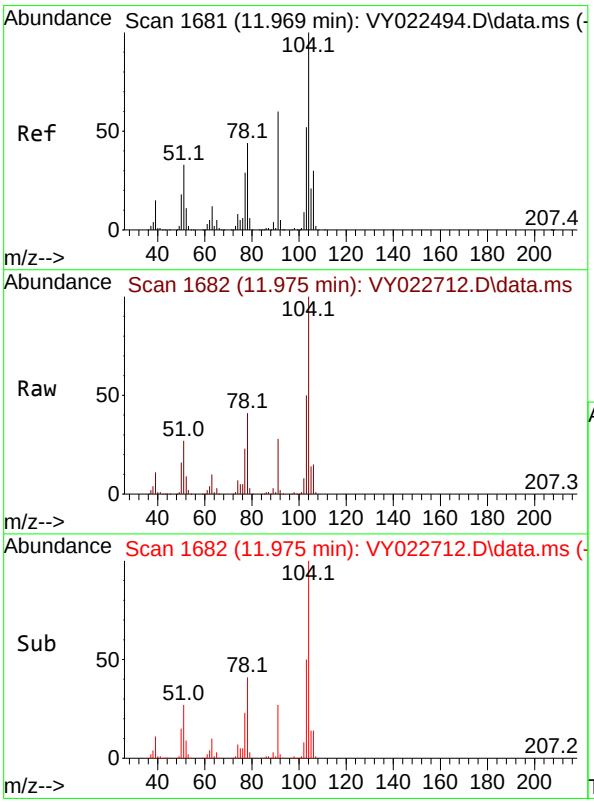


#69
o-Xylene
Concen: 52.972 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:106 Resp: 166928

Ion	Ratio	Lower	Upper
106	100		
91	210.1	105.8	317.3

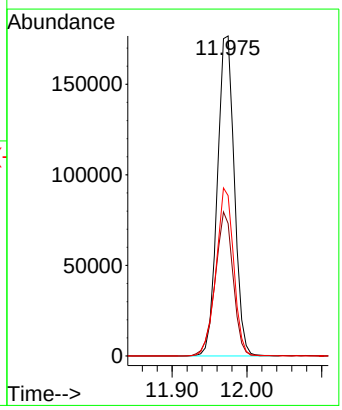


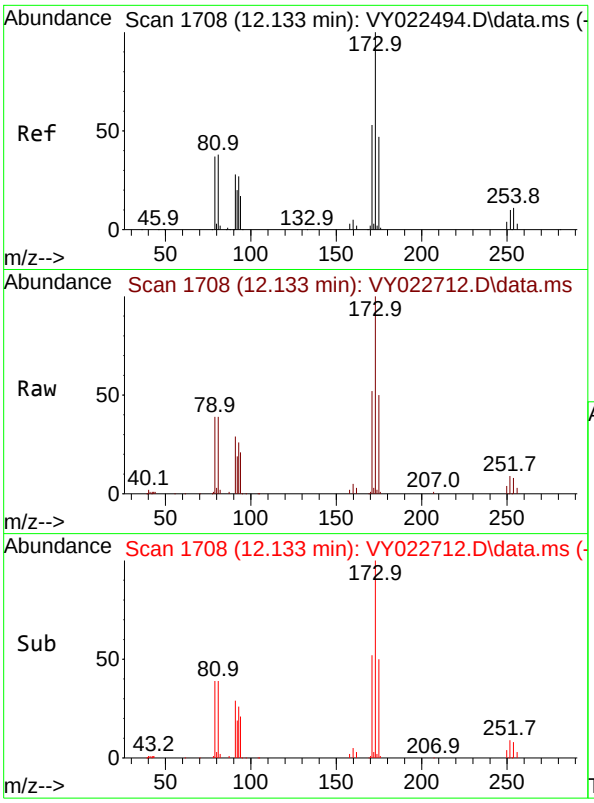


#70
Styrene
Concen: 53.593 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:104 Resp: 279165

Ion	Ratio	Lower	Upper
104	100		
78	47.7	39.5	59.3
103	54.7	44.1	66.1

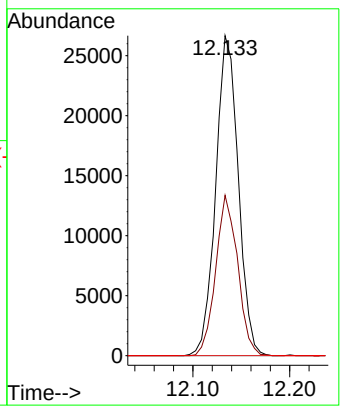


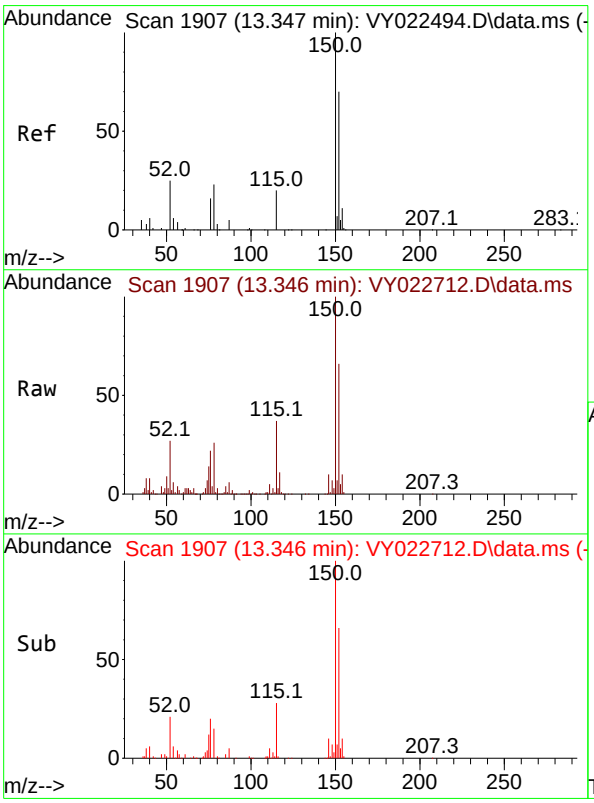


#71
Bromoform
Concen: 50.337 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:173 Resp: 43135

Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.8	71.5
254	0.0	0.0	0.0

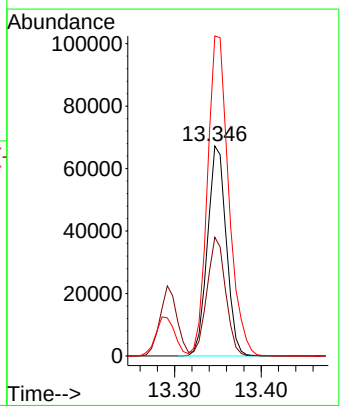


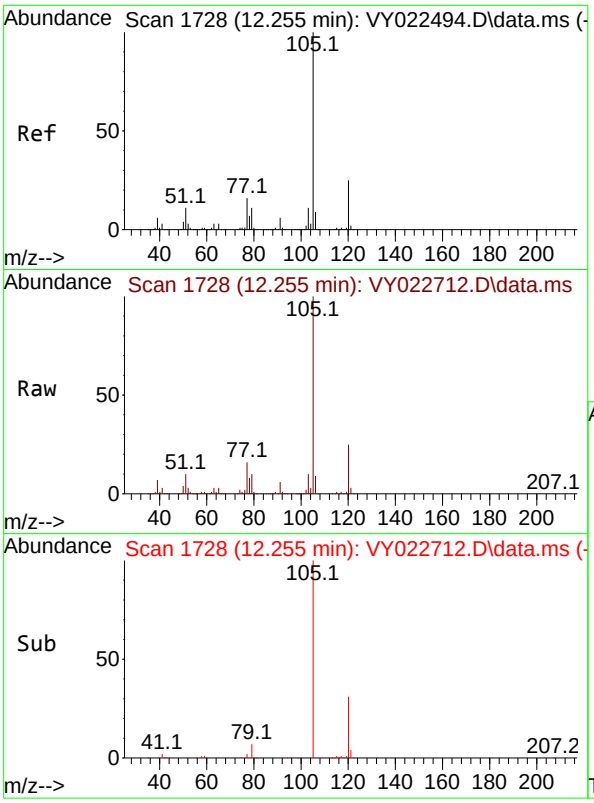


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:152 Resp: 101314

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.9	86.7
150	172.1	0.0	349.6

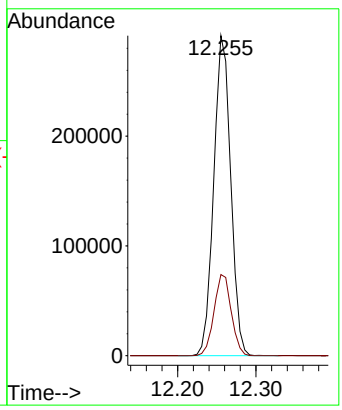


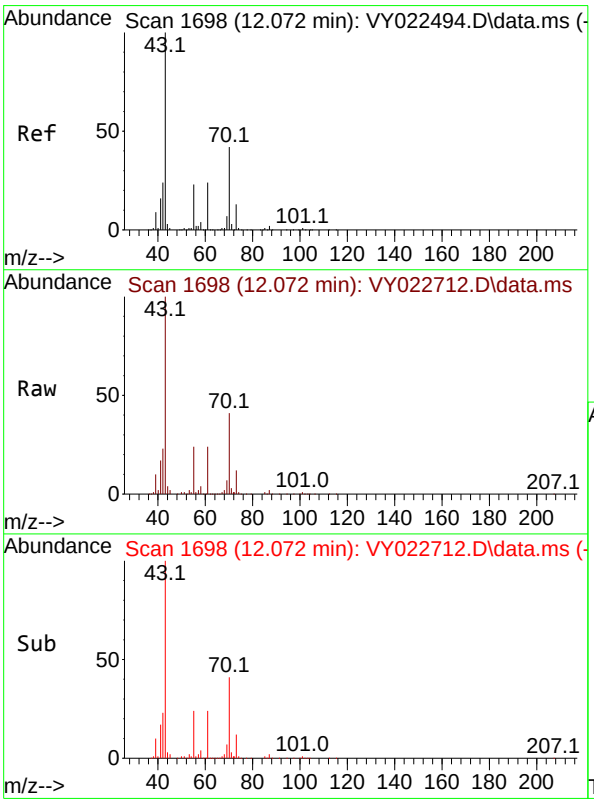


#73
Isopropylbenzene
Concen: 52.780 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:105 Resp: 439018

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.0	38.9

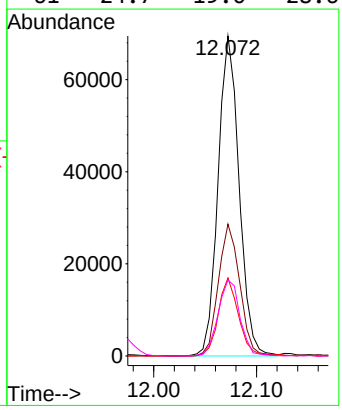


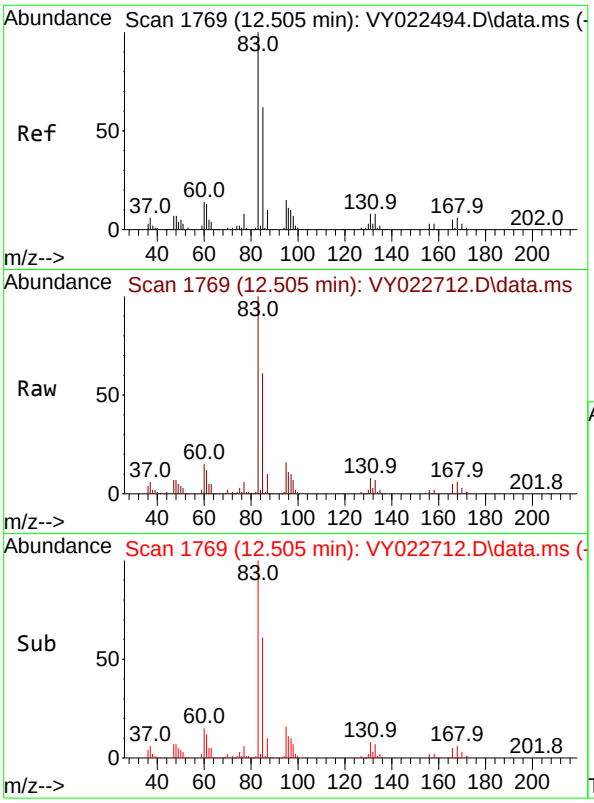


#74
N-amyl acetate
Concen: 47.096 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 43 Resp: 98844

Ion	Ratio	Lower	Upper
43	100		
70	41.8	34.2	51.2
55	23.5	18.2	27.4
61	24.7	19.0	28.6

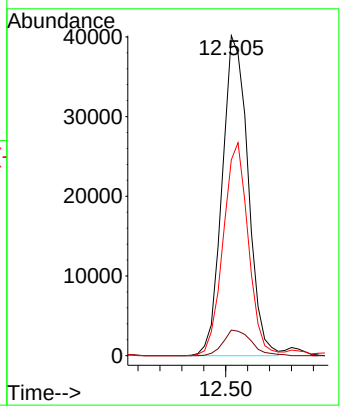


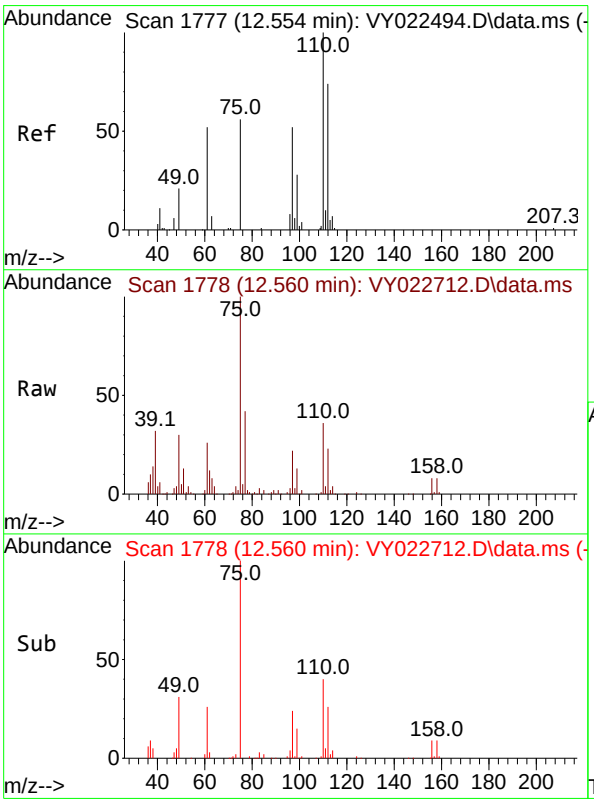


#75
1,1,2,2-Tetrachloroethane
Concen: 48.176 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 83 Resp: 65769

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.9	14.7
85	64.5	32.6	97.8

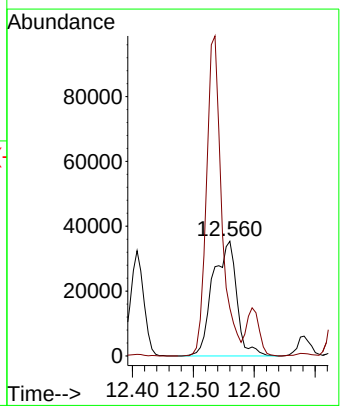


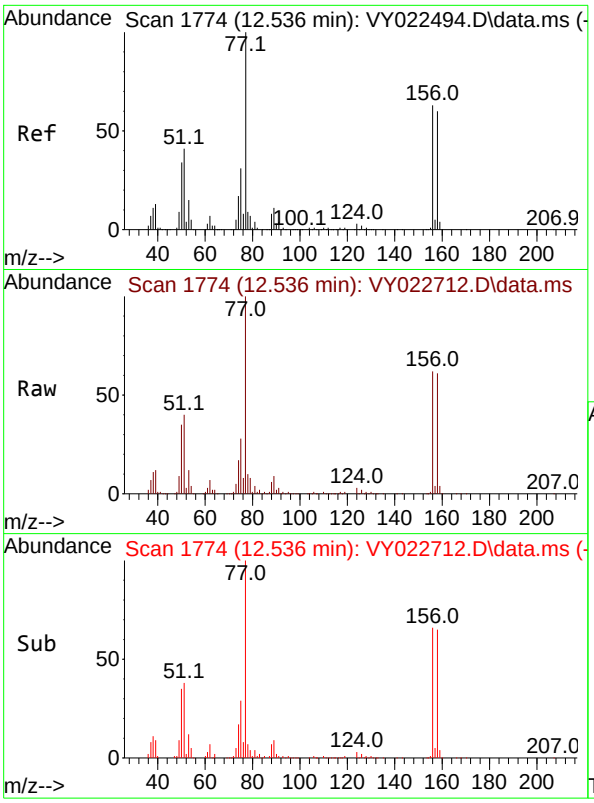


#76
1,2,3-Trichloropropane
Concen: 83.388 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 75 Resp: 96653

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

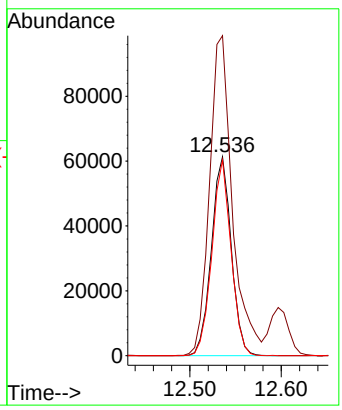


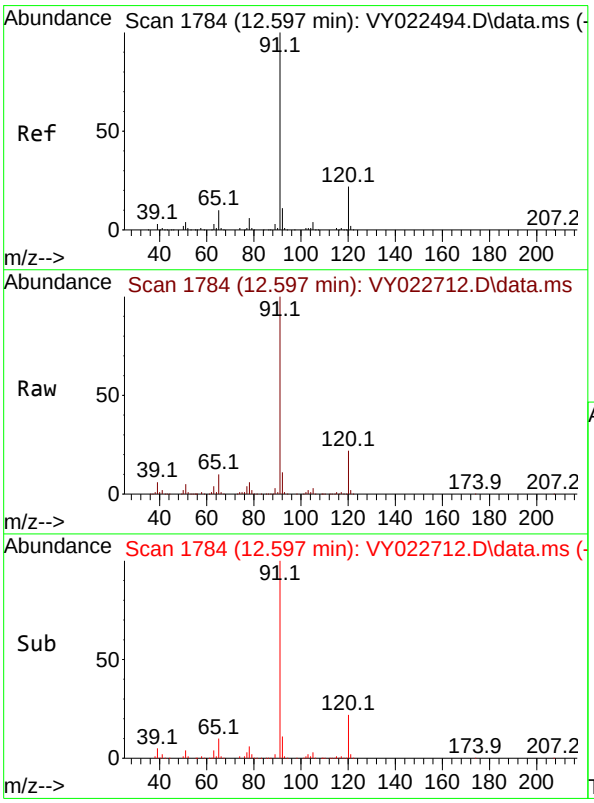


#77
Bromobenzene
Concen: 52.691 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:156 Resp: 92487

Ion	Ratio	Lower	Upper
156	100		
77	184.9	94.0	282.1
158	94.8	48.2	144.6

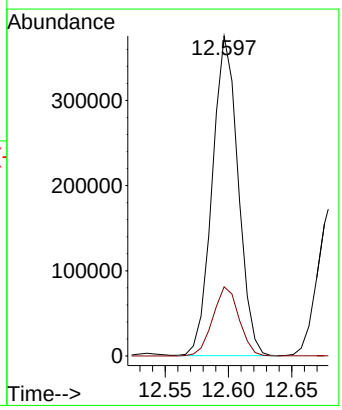


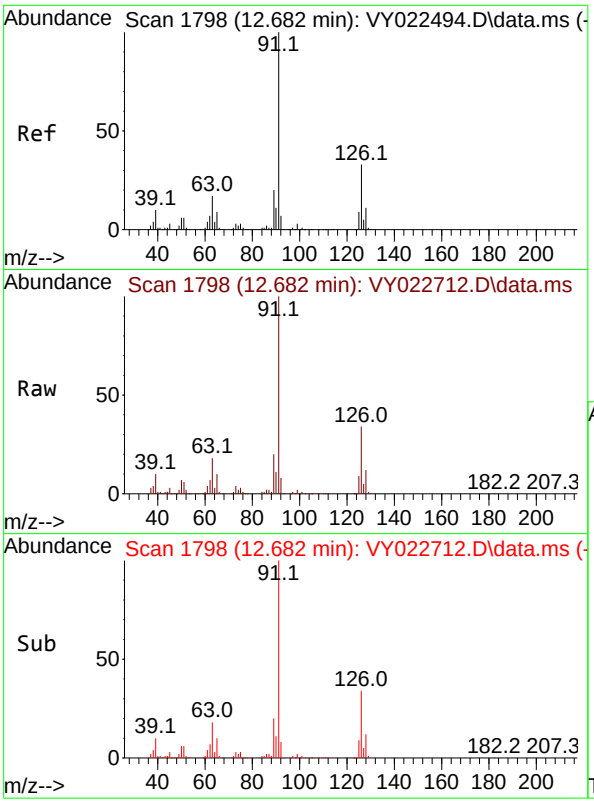


#78
n-propylbenzene
Concen: 52.468 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 91 Resp: 533040

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.4

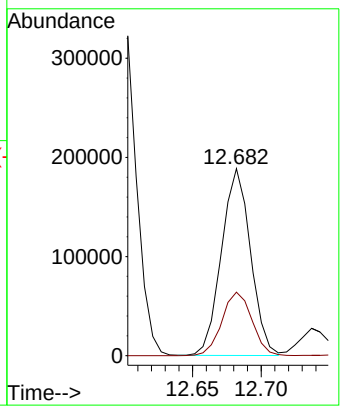


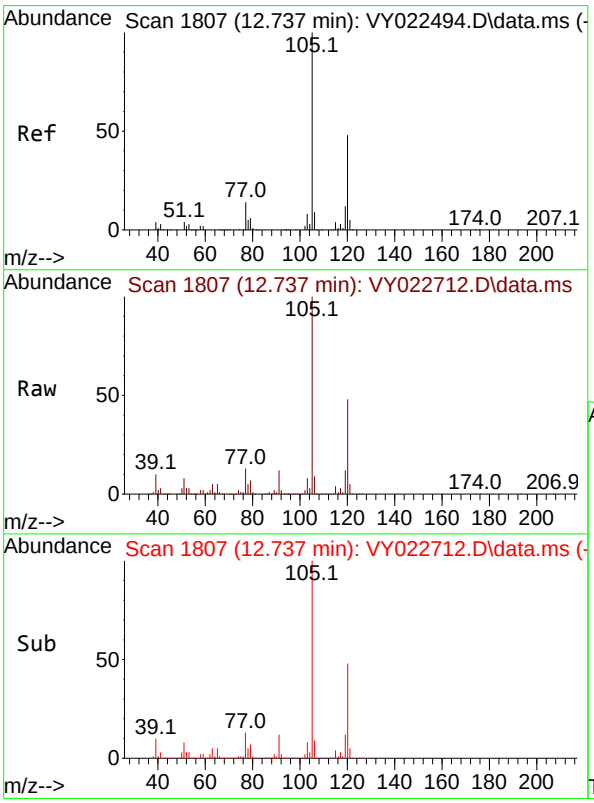


#79
2-Chlorotoluene
Concen: 51.728 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 91 Resp: 278527

Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.0	51.0

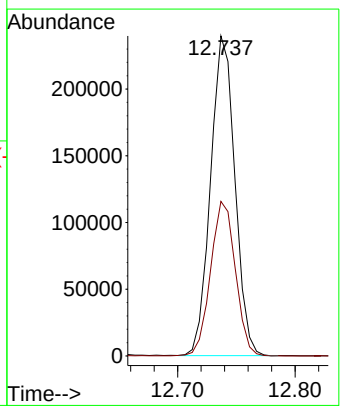


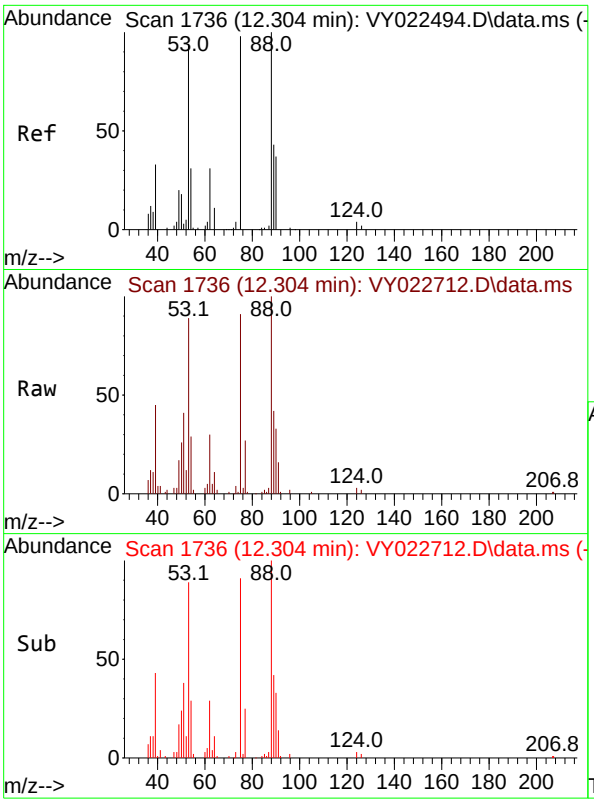


#80
1,3,5-Trimethylbenzene
Concen: 52.858 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:105 Resp: 345177

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.1	72.4

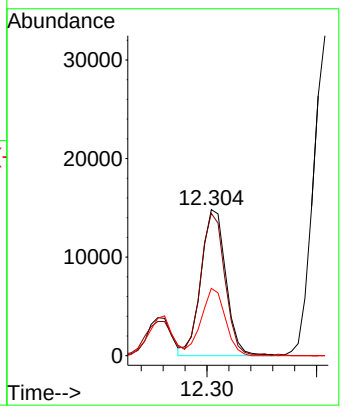


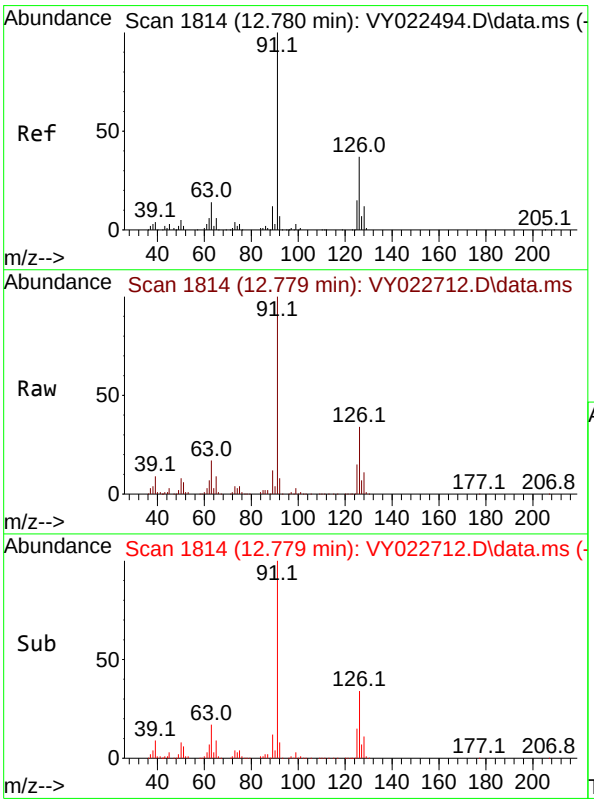


#81
trans-1,4-Dichloro-2-butene
Concen: 48.827 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 75 Resp: 23435

Ion	Ratio	Lower	Upper
75	100		
53	94.0	78.5	117.7
89	44.3	35.7	53.5

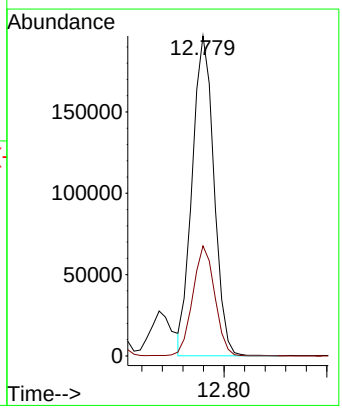


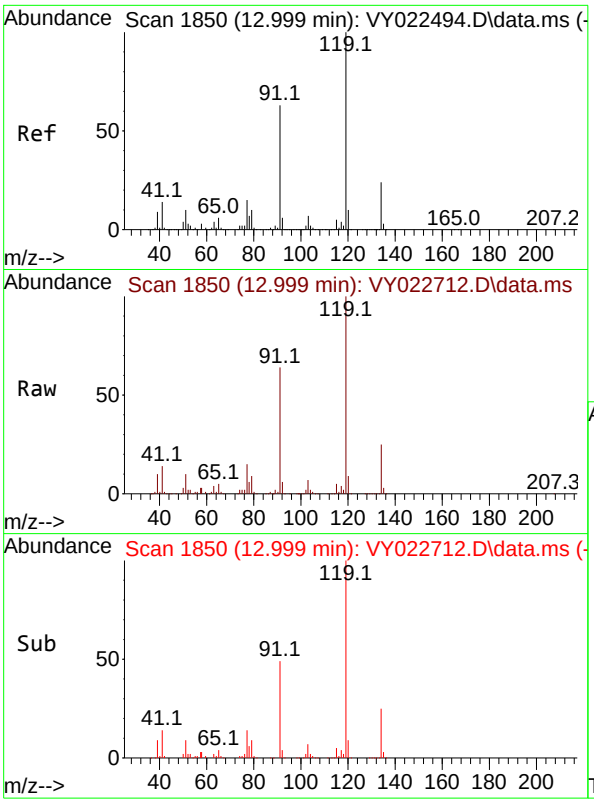


#82
4-Chlorotoluene
Concen: 52.056 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 91 Resp: 289156

Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.0	50.9

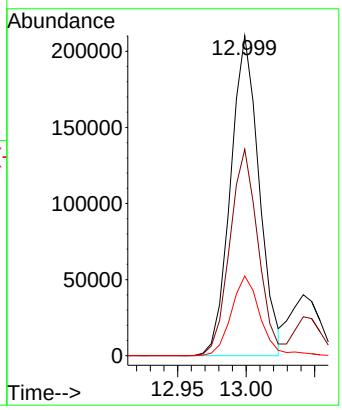


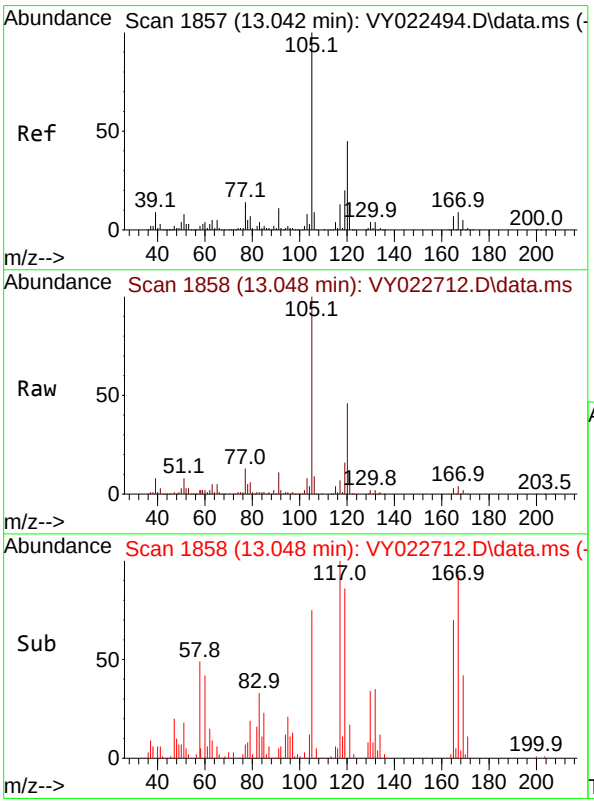


#83
tert-Butylbenzene
Concen: 51.968 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:119 Resp: 304585

Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.1	96.3
134	25.4	13.0	38.9

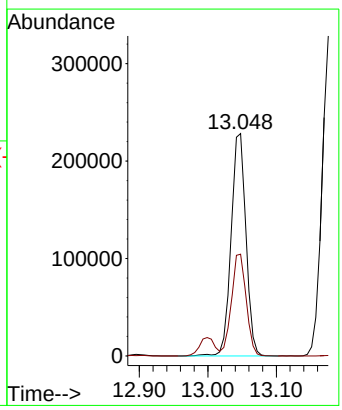


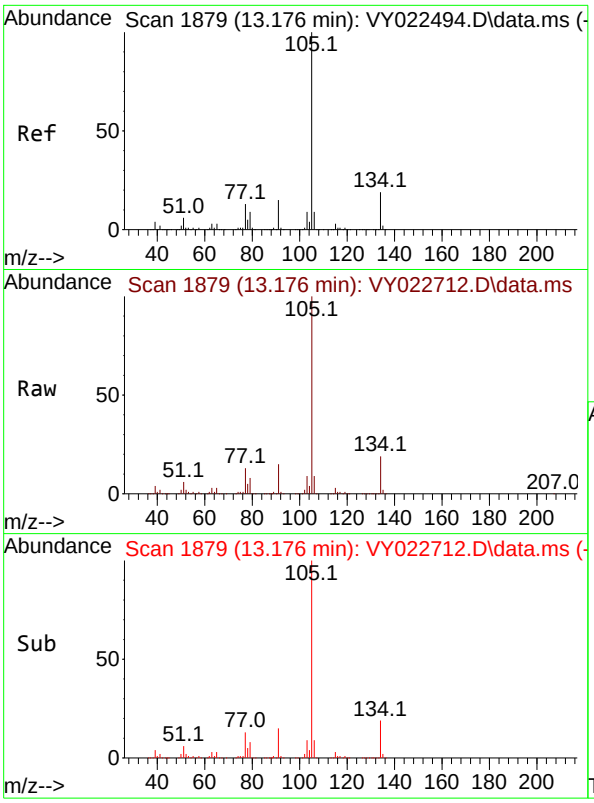


#84
1,2,4-Trimethylbenzene
Concen: 52.442 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:105 Resp: 342518

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.1

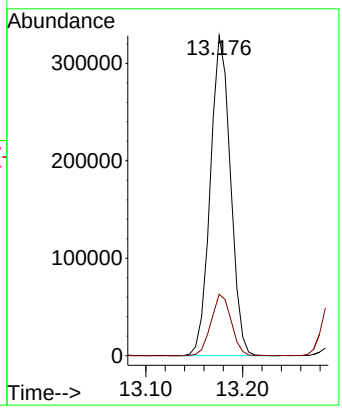


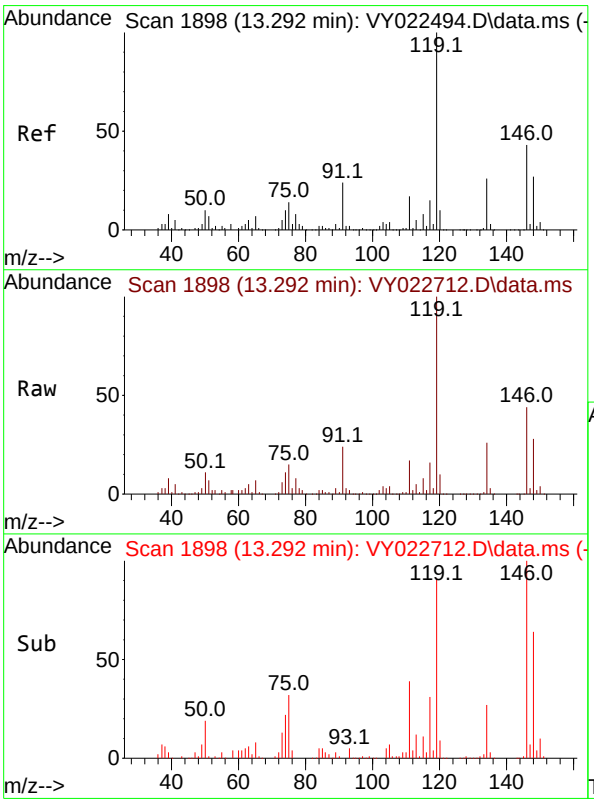


#85
sec-Butylbenzene
Concen: 52.938 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:105 Resp: 475196

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	28.9

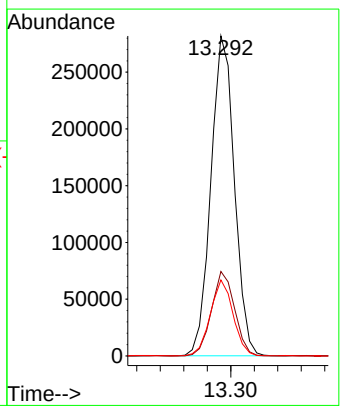


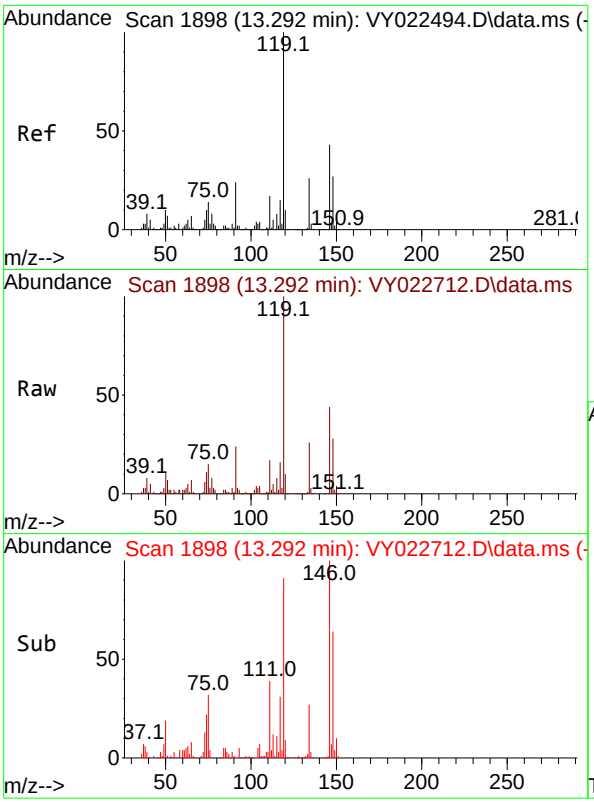


#86
p-Isopropyltoluene
Concen: 52.875 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:119 Resp: 391225

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	23.0	11.6	34.8

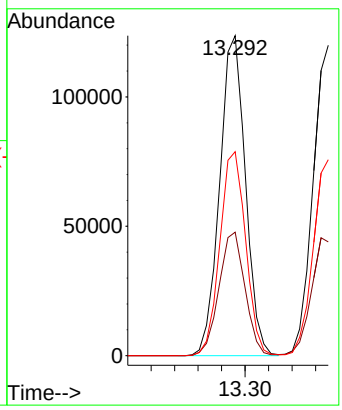


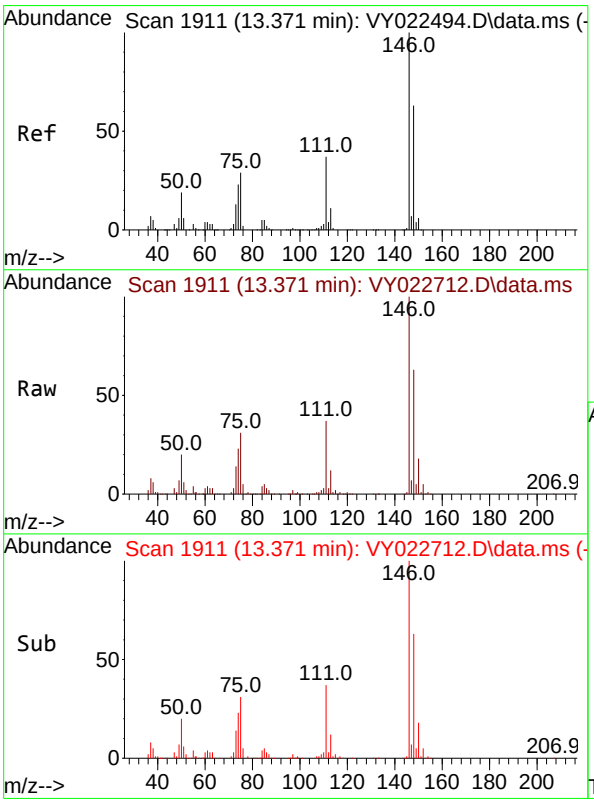


#87
1,3-Dichlorobenzene
Concen: 52.972 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:146 Resp: 188385

Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.1	60.2
148	63.9	32.1	96.3

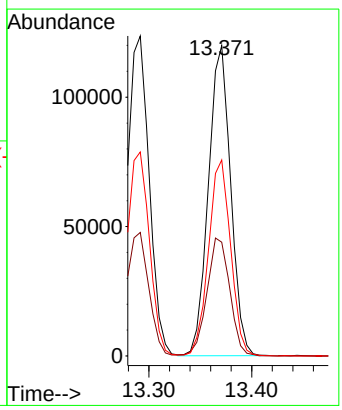


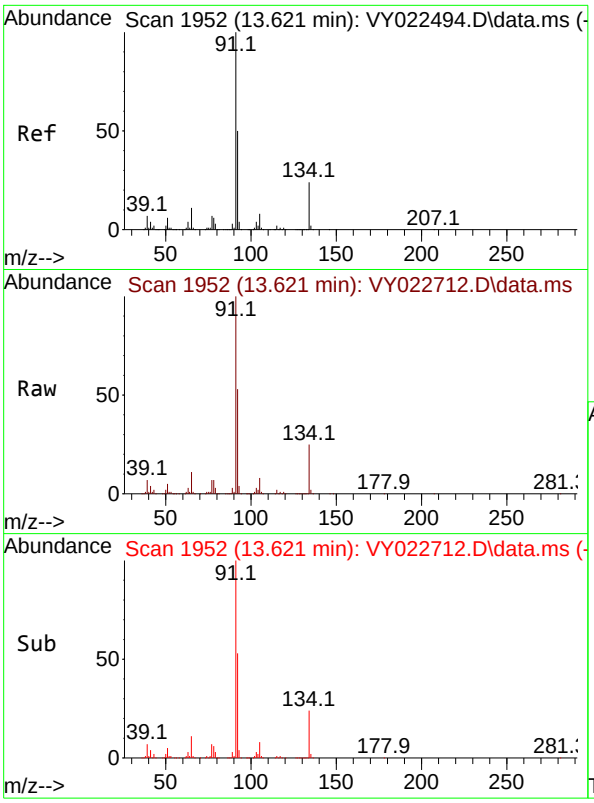


#88
1,4-Dichlorobenzene
Concen: 52.280 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:146 Resp: 180330

Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	62.9	31.6	94.8

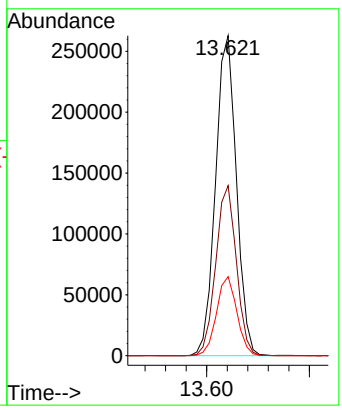


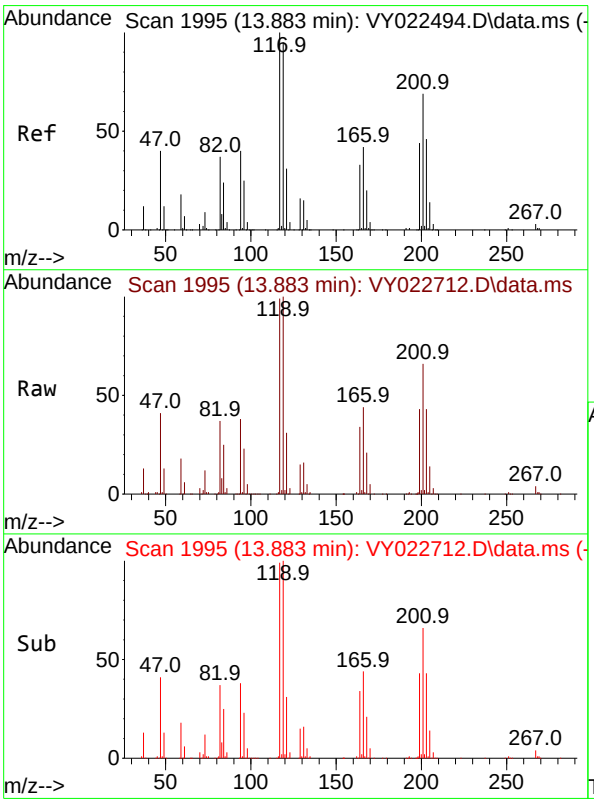


#89
n-Butylbenzene
Concen: 52.639 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 91 Resp: 369520

Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.9	77.8
134	24.2	12.0	36.1

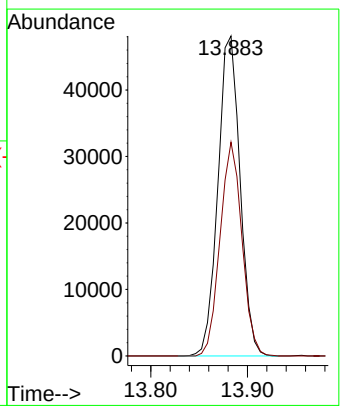


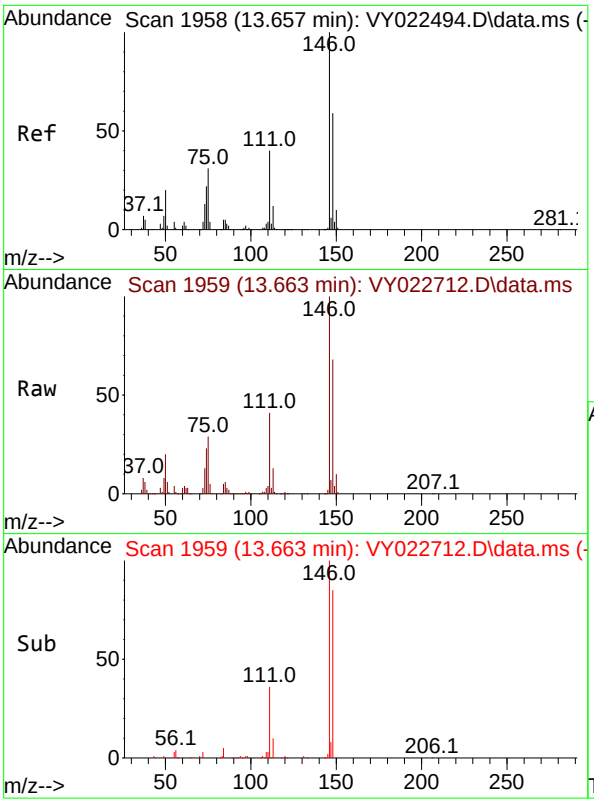


#90
Hexachloroethane
Concen: 53.060 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:117 Resp: 76430

Ion	Ratio	Lower	Upper
117	100		
201	65.9	34.0	102.0

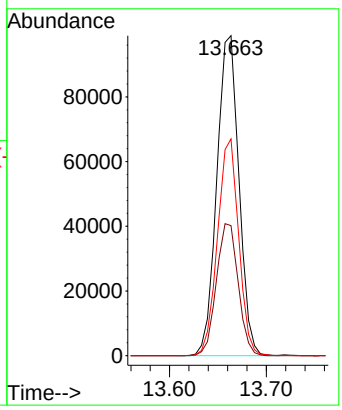


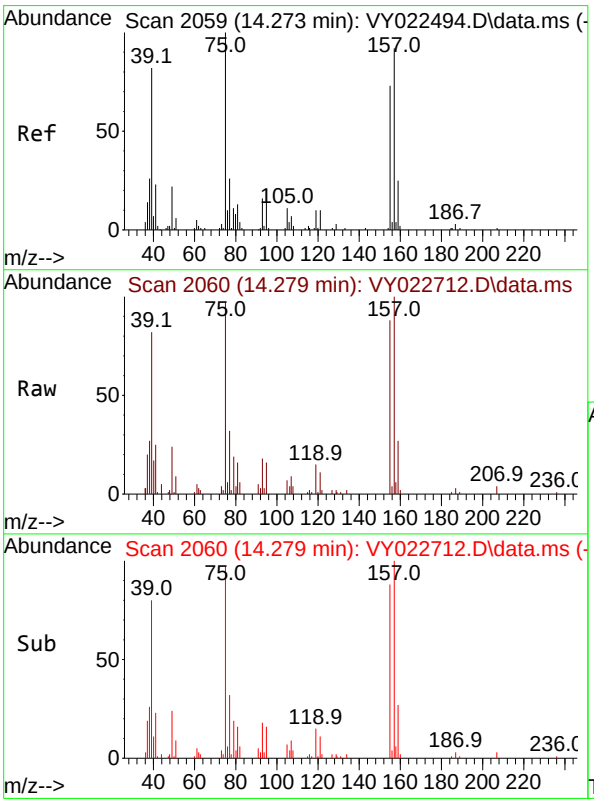


#91
1,2-Dichlorobenzene
Concen: 51.923 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:146 Resp: 156780

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	64.9	31.4	94.0

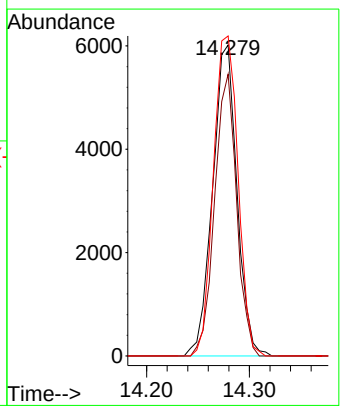


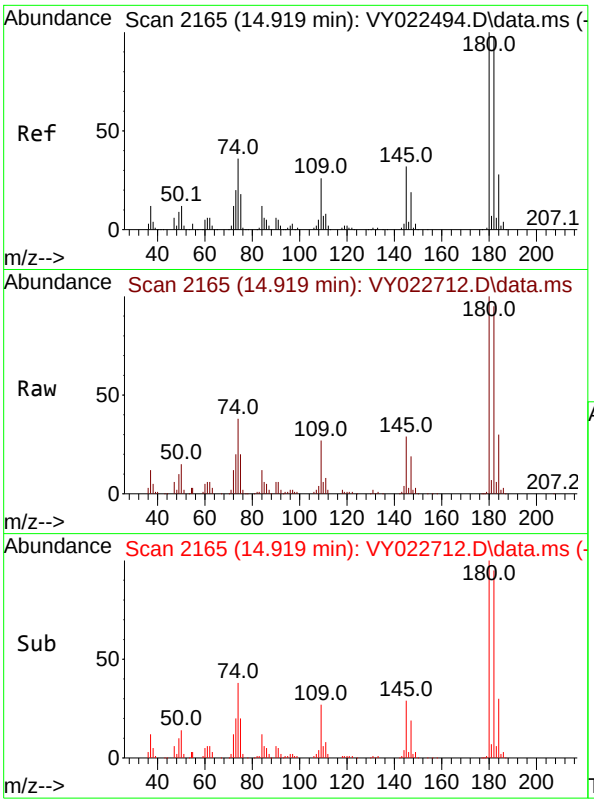


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.804 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion: 75 Resp: 9899

Ion	Ratio	Lower	Upper
75	100		
155	81.7	39.9	119.6
157	103.6	54.0	162.0

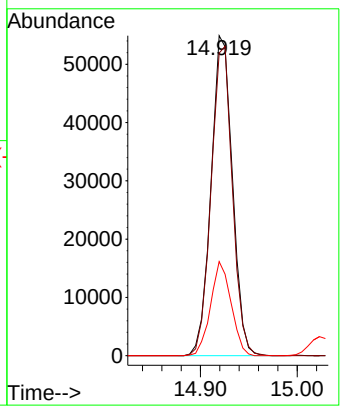


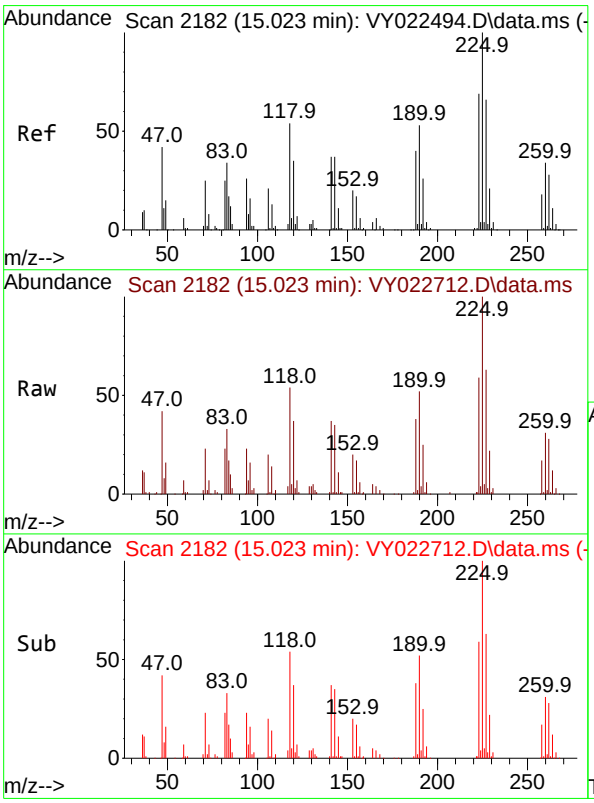


#93
1,2,4-Trichlorobenzene
Concen: 51.172 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:180 Resp: 84270

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.4	145.3
145	28.2	15.5	46.5

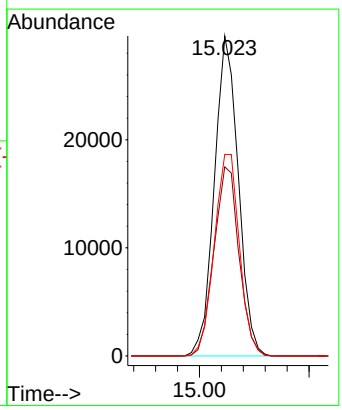


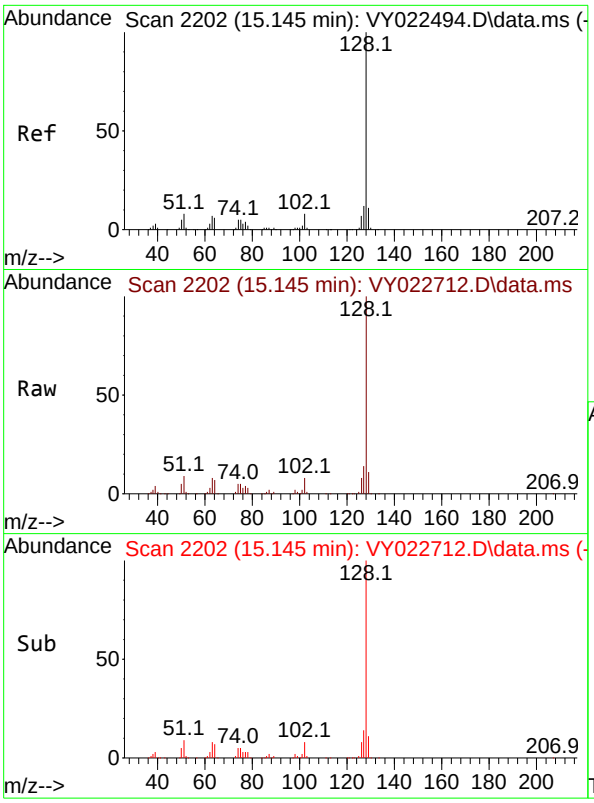


#94
Hexachlorobutadiene
Concen: 49.426 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:225 Resp: 44924

Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.5	97.4
227	66.2	32.3	96.9

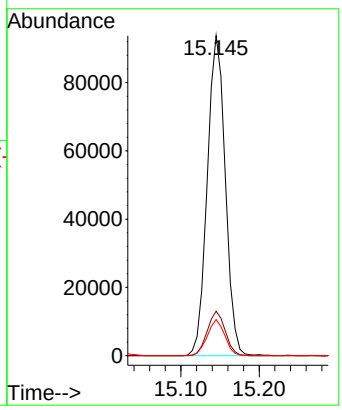


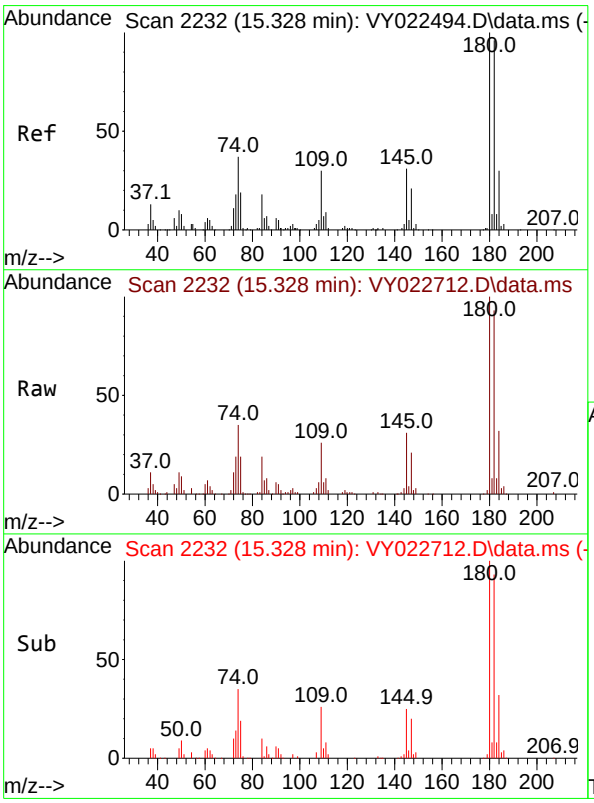


#95
Naphthalene
Concen: 47.438 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

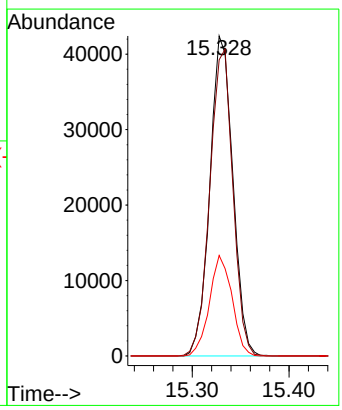
Tgt Ion:128 Resp: 149915

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.9	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 49.581 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022712.D
Acq: 17 Jun 2025 08:48

Tgt Ion:180 Resp: 69974

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.1	141.3
145	30.9	15.2	45.6