

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020808.D
 Acq On : 08 Jan 2025 15:32
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 00:21:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	183713	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.634	114	281444	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	241895	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.365	152	120542	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	90417	57.904	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.800%	
35) Dibromofluoromethane	7.652	113	97098	55.068	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.140%	
50) Toluene-d8	10.121	98	357599	58.178	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.360%	
62) 4-Bromofluorobenzene	12.420	95	123155	54.257	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	58913	43.696	ug/l	98
3) Chloromethane	2.080	50	38432	54.137	ug/l	95
4) Vinyl Chloride	2.220	62	43740	55.425	ug/l	96
5) Bromomethane	2.617	94	27662	49.213	ug/l	89
6) Chloroethane	2.757	64	27459	56.418	ug/l	95
7) Trichlorofluoromethane	3.080	101	111617	46.083	ug/l	95
8) Diethyl Ether	3.476	74	40348	53.269	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.836	101	77356	47.294	ug/l	99
10) Methyl Iodide	4.031	142	94525	53.926	ug/l	96
11) Tert butyl alcohol	4.909	59	24997	211.855	ug/l	99
12) 1,1-Dichloroethene	3.818	96	72518	50.618	ug/l	98
13) Acrolein	3.677	56	4770	143.955	ug/l	92
14) Allyl chloride	4.409	41	113175	54.756	ug/l	94
15) Acrylonitrile	5.092	53	84952	263.900	ug/l	98
16) Acetone	3.903	43	55454	249.738	ug/l	100
17) Carbon Disulfide	4.135	76	167694	53.957	ug/l	100
18) Methyl Acetate	4.415	43	42548	56.750	ug/l	98
19) Methyl tert-butyl Ether	5.140	73	210069	51.957	ug/l	99
20) Methylene Chloride	4.641	84	83227	54.273	ug/l	98
21) trans-1,2-Dichloroethene	5.140	96	81252	51.501	ug/l	95
22) Diisopropyl ether	6.043	45	255082	57.935	ug/l	98
23) Vinyl Acetate	5.988	43	672464	277.003	ug/l	99
24) 1,1-Dichloroethane	5.939	63	155493	53.528	ug/l	99
25) 2-Butanone	6.921	43	94902	260.182	ug/l	99
26) 2,2-Dichloropropane	6.908	77	132423	43.906	ug/l	99
27) cis-1,2-Dichloroethene	6.915	96	104338	52.416	ug/l	100
28) Bromochloromethane	7.268	49	53194	67.863	ug/l	94
29) Tetrahydrofuran	7.286	42	62924	270.056	ug/l	95
30) Chloroform	7.445	83	169410	51.139	ug/l	99
31) Cyclohexane	7.719	56	106055	46.676	ug/l	96
32) 1,1,1-Trichloroethane	7.640	97	152498	47.194	ug/l	99
36) 1,1-Dichloropropene	7.853	75	107220	47.675	ug/l	100
37) Ethyl Acetate	7.006	43	46291	51.723	ug/l	98
38) Carbon Tetrachloride	7.841	117	140015	44.725	ug/l	100
39) Methylcyclohexane	9.128	83	124627	45.158	ug/l	99
40) Benzene	8.097	78	351923	50.985	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	28425	55.458	ug/l	94
42) 1,2-Dichloroethane	8.177	62	95237	50.524	ug/l	99
43) Isopropyl Acetate	8.213	43	93576	51.405	ug/l	99
44) Trichloroethene	8.884	130	91606	47.608	ug/l	96
45) 1,2-Dichloropropane	9.158	63	82838	52.939	ug/l	99
46) Dibromomethane	9.243	93	46241	51.461	ug/l	96
47) Bromodichloromethane	9.438	83	129414	50.288	ug/l	99
48) Methyl methacrylate	9.237	41	41590	50.962	ug/l	96
49) 1,4-Dioxane	9.256	88	9859	1033.399	ug/l #	78
51) 4-Methyl-2-Pentanone	10.012	43	234008	257.313	ug/l	99
52) Toluene	10.188	92	230016	50.323	ug/l	100
53) t-1,3-Dichloropropene	10.408	75	115484	50.456	ug/l	98
54) cis-1,3-Dichloropropene	9.871	75	134457	50.582	ug/l	94
55) 1,1,2-Trichloroethane	10.585	97	64070	49.910	ug/l	95
56) Ethyl methacrylate	10.450	69	85738	52.885	ug/l	98
57) 1,3-Dichloropropane	10.731	76	108522	51.862	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	165941	258.011	ug/l	97
59) 2-Hexanone	10.774	43	152080	260.660	ug/l	96
60) Dibromochloromethane	10.926	129	93427	50.181	ug/l	100
61) 1,2-Dibromoethane	11.030	107	58717	50.948	ug/l	100
64) Tetrachloroethene	10.658	164	79593	44.754	ug/l	95
65) Chlorobenzene	11.456	112	260357	48.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.530	131	95373	46.843	ug/l	98
67) Ethyl Benzene	11.536	91	445028	48.061	ug/l	99
68) m/p-Xylenes	11.639	106	339629	95.265	ug/l	99
69) o-Xylene	11.969	106	165215	48.877	ug/l	97
70) Styrene	11.981	104	278716	48.983	ug/l	100
71) Bromoform	12.145	173	54942	47.469	ug/l #	99
73) Isopropylbenzene	12.267	105	437700	45.771	ug/l	100
74) N-amyl acetate	12.084	43	78330	50.076	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	70298	48.502	ug/l	98
76) 1,2,3-Trichloropropane	12.572	75	89375	84.738	ug/l #	100
77) Bromobenzene	12.548	156	105485	47.844	ug/l	99
78) n-propylbenzene	12.609	91	500074	46.072	ug/l	99
79) 2-Chlorotoluene	12.694	91	293232	46.913	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	359362	46.370	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	22375	44.731	ug/l	97
82) 4-Chlorotoluene	12.792	91	300135	46.528	ug/l	99
83) tert-Butylbenzene	13.011	119	325068	44.847	ug/l	98
84) 1,2,4-Trimethylbenzene	13.060	105	356883	47.157	ug/l	100
85) sec-Butylbenzene	13.188	105	456181	45.057	ug/l	98
86) p-Isopropyltoluene	13.304	119	390583	45.223	ug/l	99
87) 1,3-Dichlorobenzene	13.304	146	200461	46.793	ug/l	99
88) 1,4-Dichlorobenzene	13.383	146	197511	46.837	ug/l	100
89) n-Butylbenzene	13.633	91	348208	46.472	ug/l	100
90) Hexachloroethane	13.895	117	77431	44.648	ug/l	100
91) 1,2-Dichlorobenzene	13.676	146	177295	47.333	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	10483	44.732	ug/l	99
93) 1,2,4-Trichlorobenzene	14.937	180	106554	49.431	ug/l	99
94) Hexachlorobutadiene	15.041	225	70507	46.397	ug/l	99
95) Naphthalene	15.163	128	173671	48.951	ug/l	100
96) 1,2,3-Trichlorobenzene	15.346	180	86761	48.041	ug/l	99

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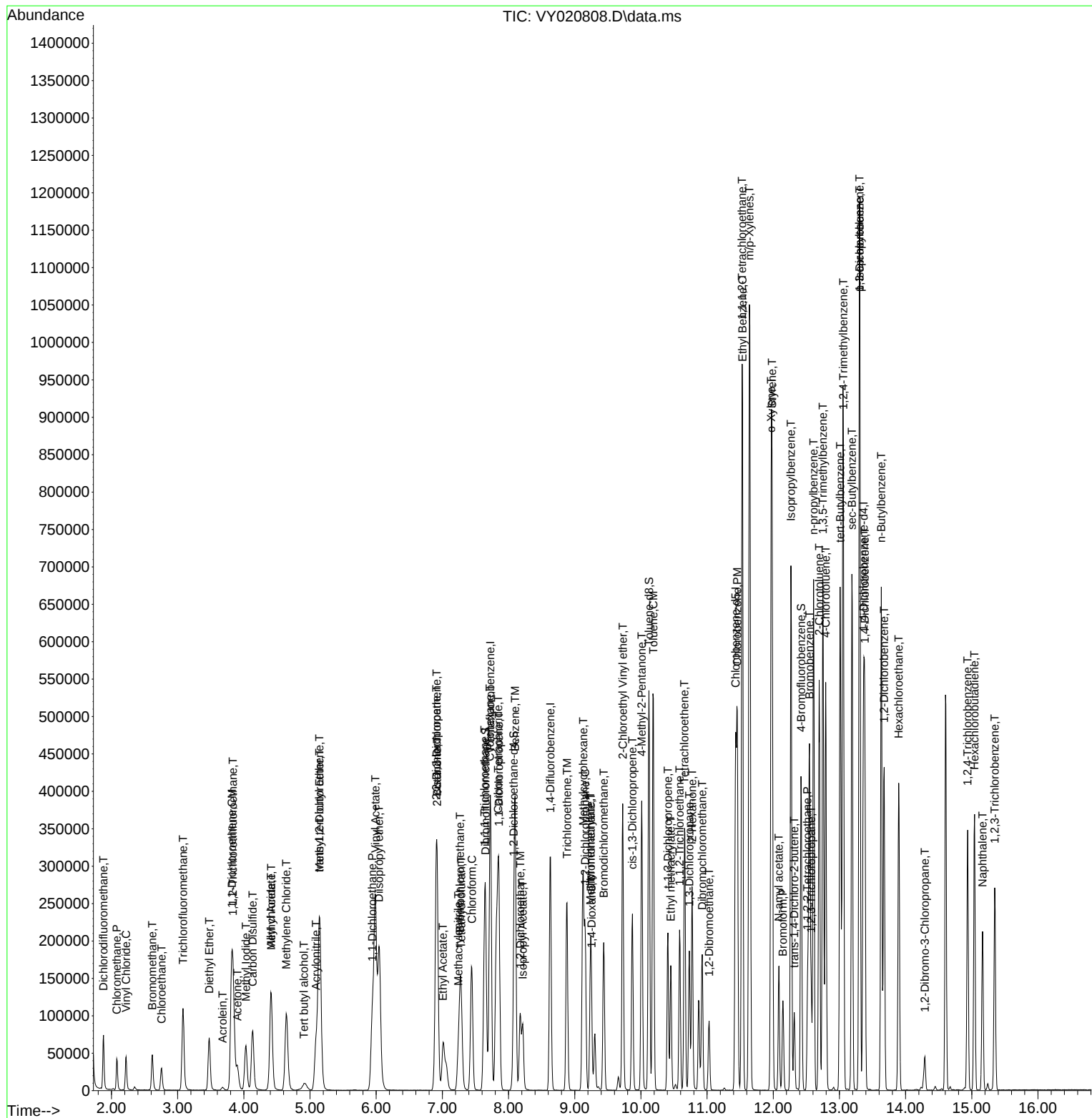
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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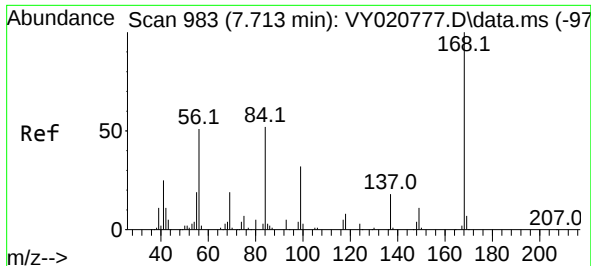
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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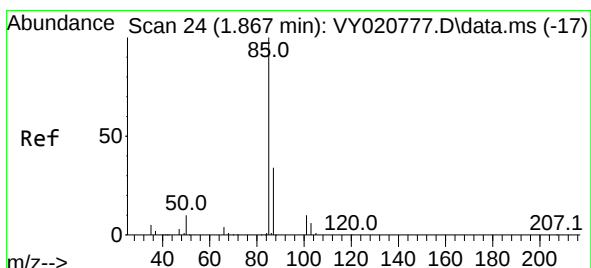
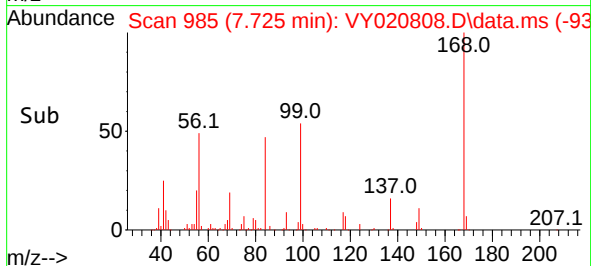
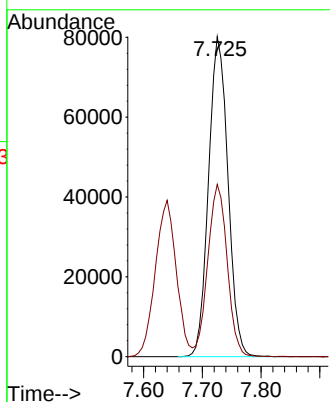
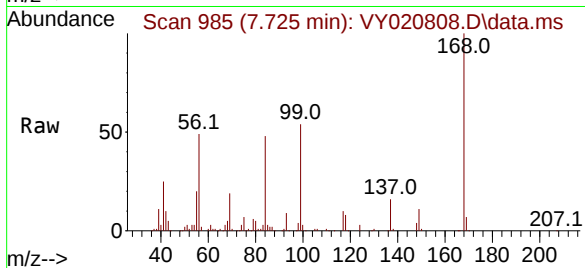




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
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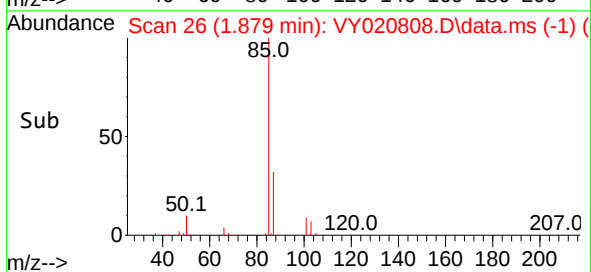
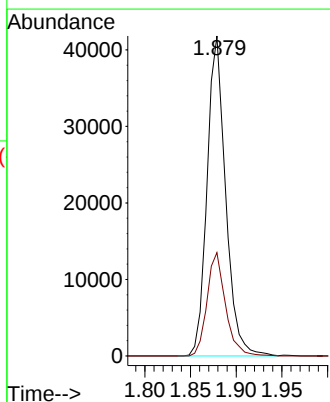
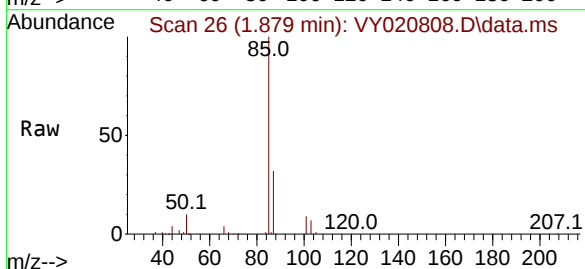
Instrument :
MSVOA_Y
ClientSampleId :

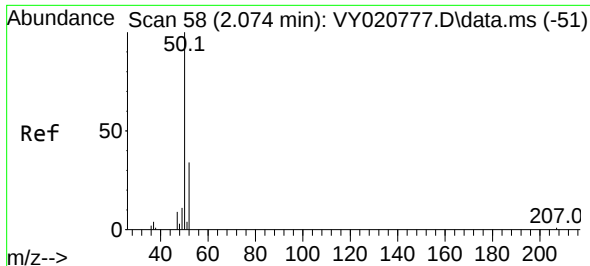
Tgt Ion:168 Resp: 183713
Ion Ratio Lower Upper
168 100
99 53.8 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 43.696 ug/l
RT: 1.879 min Scan# 26
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

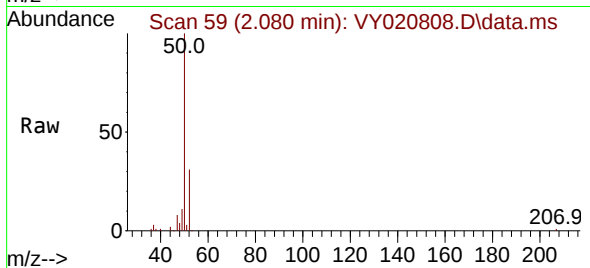
Tgt Ion: 85 Resp: 58913
Ion Ratio Lower Upper
85 100
87 32.3 16.9 50.6



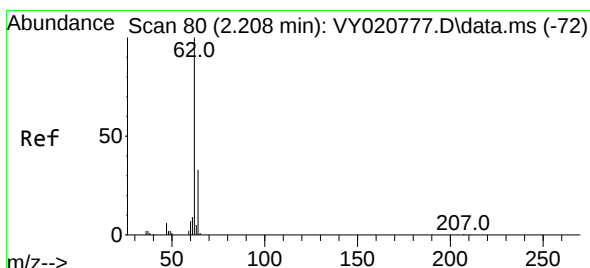
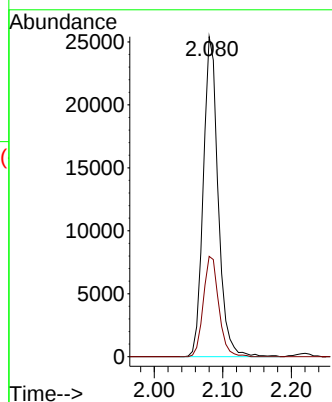
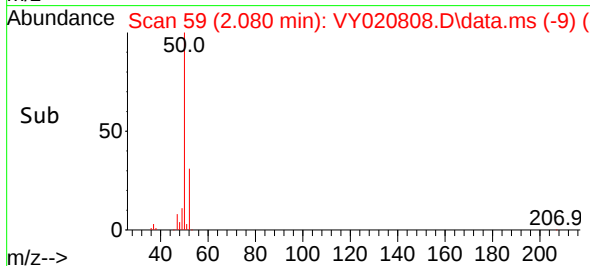


#3
Chloromethane
Concen: 54.137 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Instrument :
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ClientSampleId :

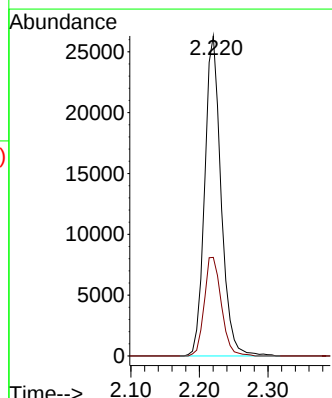
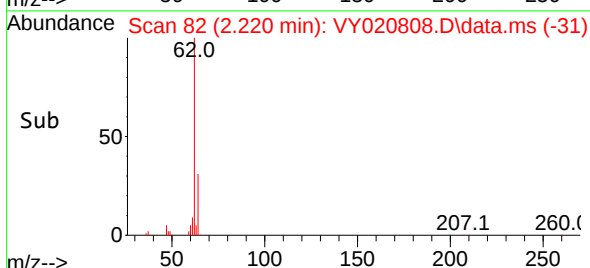
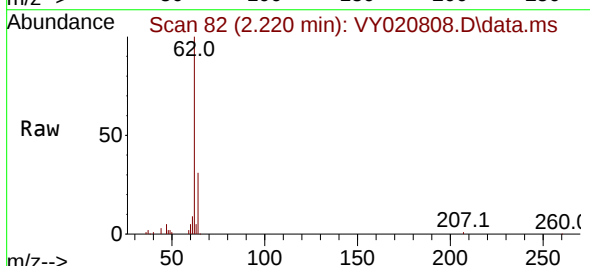


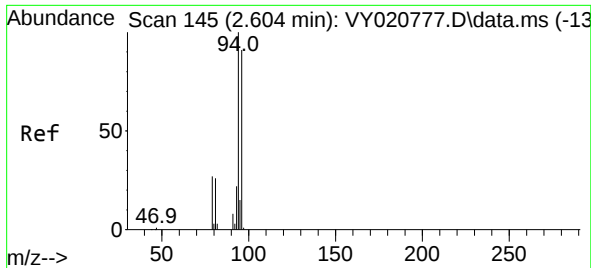
Tgt Ion: 50 Resp: 38432
Ion Ratio Lower Upper
50 100
52 31.3 27.3 40.9



#4
Vinyl Chloride
Concen: 55.425 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion: 62 Resp: 43740
Ion Ratio Lower Upper
62 100
64 30.8 26.6 39.8

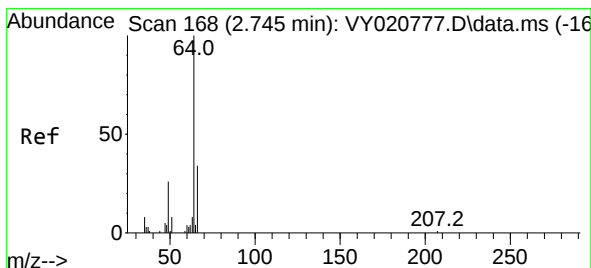
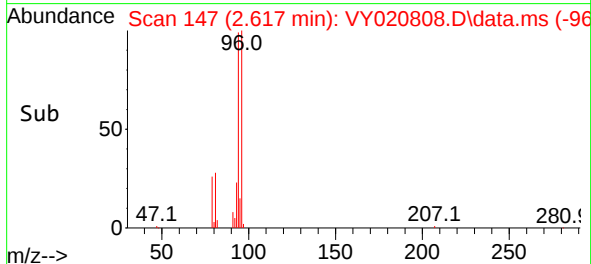
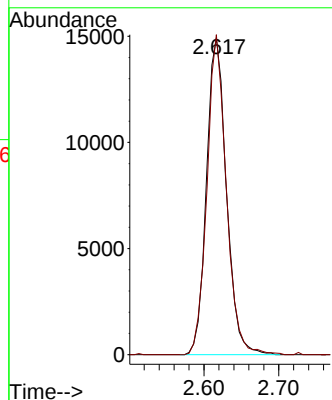
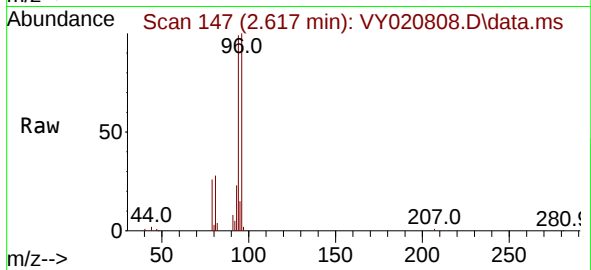




#5
Bromomethane
Concen: 49.213 ug/l
RT: 2.617 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY020808.D
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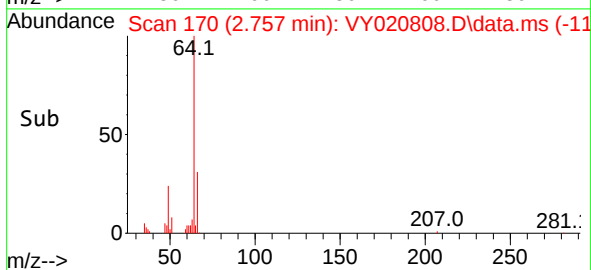
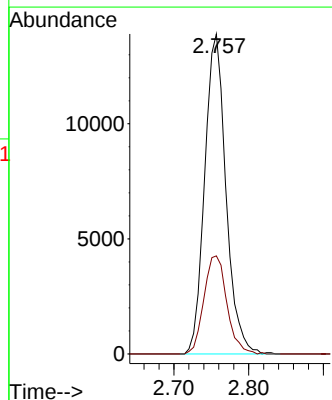
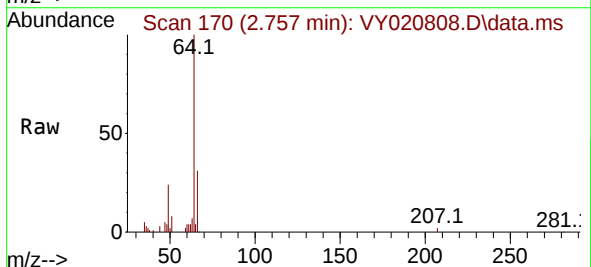
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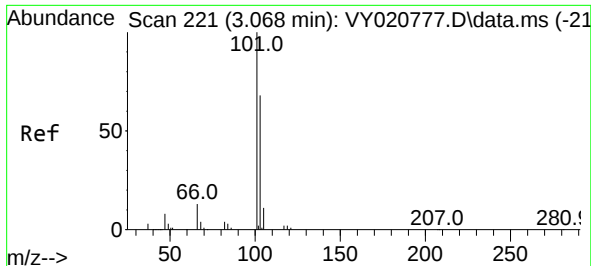
Tgt Ion: 94 Resp: 27662
Ion Ratio Lower Upper
94 100
96 101.2 72.6 109.0



#6
Chloroethane
Concen: 56.418 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.012 min
Lab File: VY020808.D
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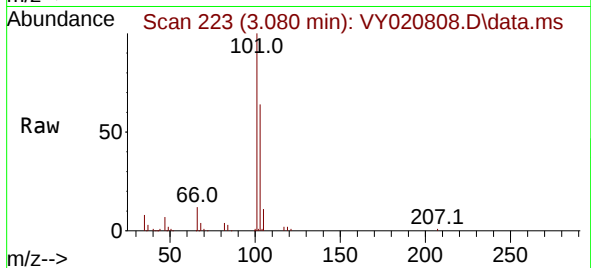
Tgt Ion: 64 Resp: 27459
Ion Ratio Lower Upper
64 100
66 30.6 26.9 40.3



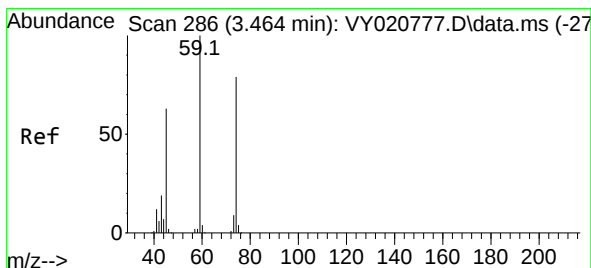
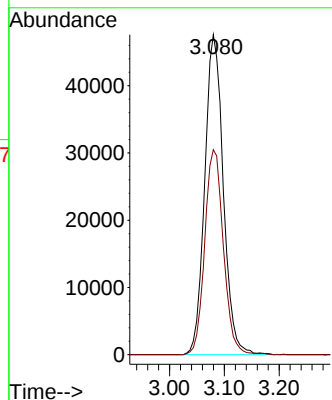
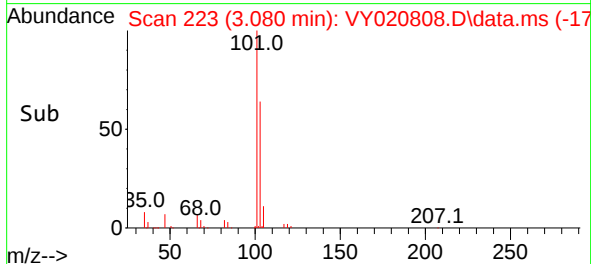


#7
 Trichlorofluoromethane
 Concen: 46.083 ug/l
 RT: 3.080 min Scan# 211
 Delta R.T. 0.012 min
 Lab File: VY020808.D
 Acq: 08 Jan 2025 15:32

Instrument :
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 ClientSampleId :

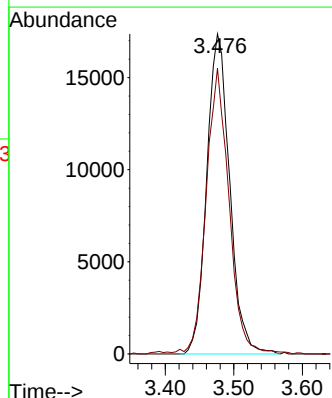
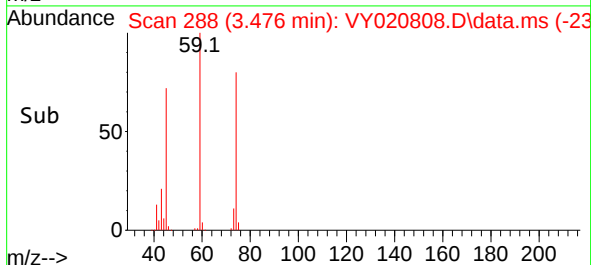
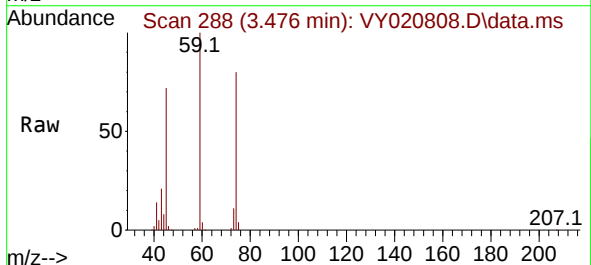


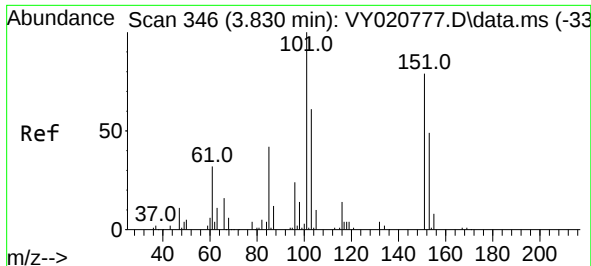
Tgt Ion:101 Resp: 111617
 Ion Ratio Lower Upper
 101 100
 103 64.1 54.6 82.0



#8
 Diethyl Ether
 Concen: 53.269 ug/l
 RT: 3.476 min Scan# 288
 Delta R.T. 0.012 min
 Lab File: VY020808.D
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Tgt Ion: 74 Resp: 40348
 Ion Ratio Lower Upper
 74 100
 45 89.0 41.3 124.1

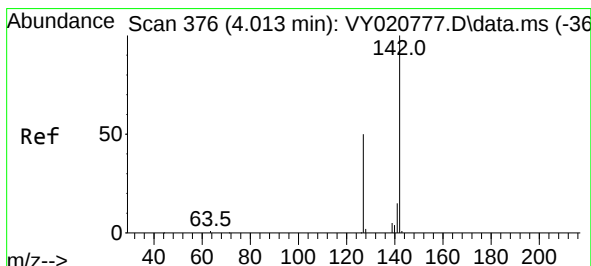
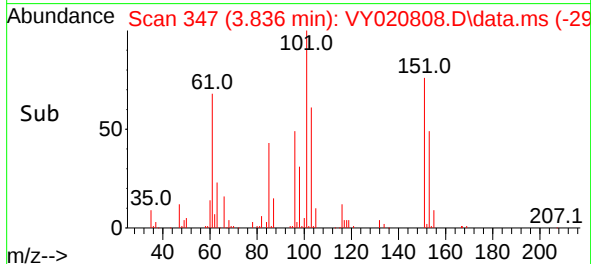
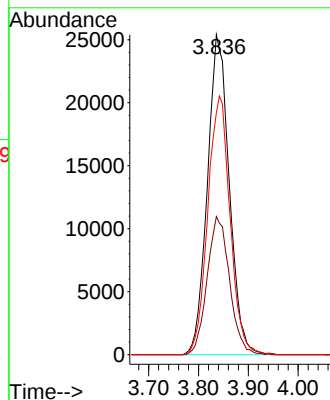
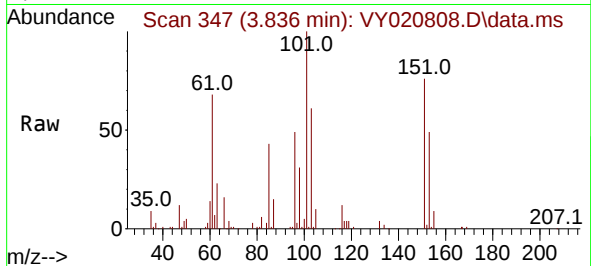




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.294 ug/l
RT: 3.836 min Scan# 346
Delta R.T. 0.006 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

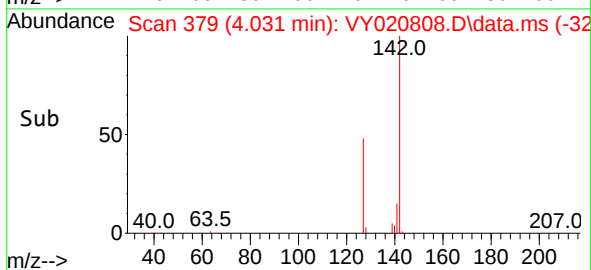
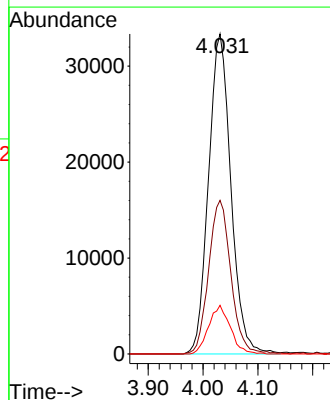
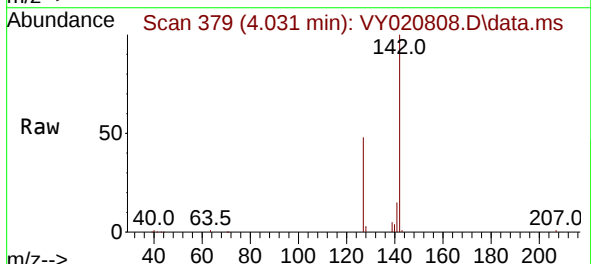
Instrument :
MSVOA_Y
ClientSampleId :

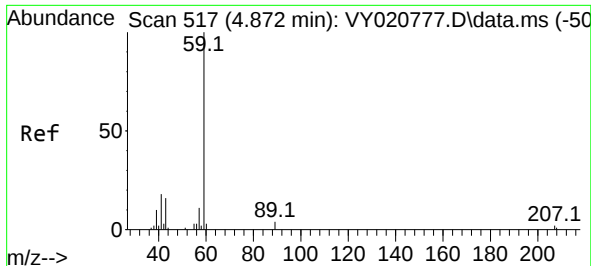
Tgt Ion:101 Resp: 77356
Ion Ratio Lower Upper
101 100
85 44.2 35.9 53.9
151 82.4 66.9 100.3



#10
Methyl Iodide
Concen: 53.926 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.018 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

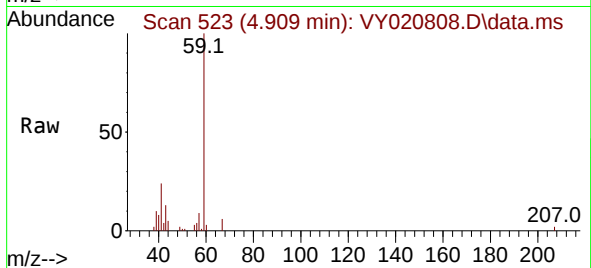
Tgt Ion:142 Resp: 94525
Ion Ratio Lower Upper
142 100
127 47.8 41.0 61.6
141 14.8 11.6 17.4



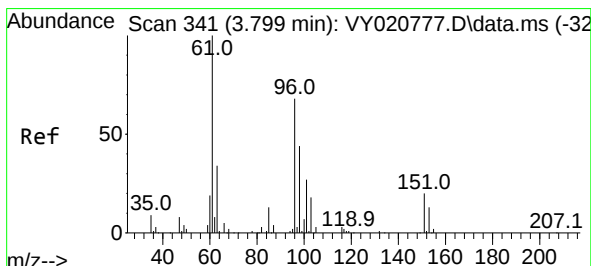
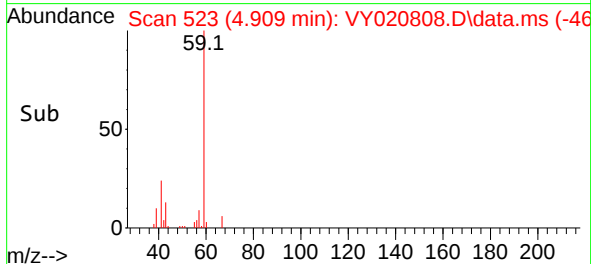
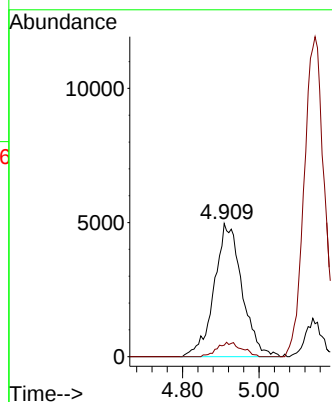


#11
Tert butyl alcohol
Concen: 211.855 ug/l
RT: 4.909 min Scan# 517
Delta R.T. 0.036 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :

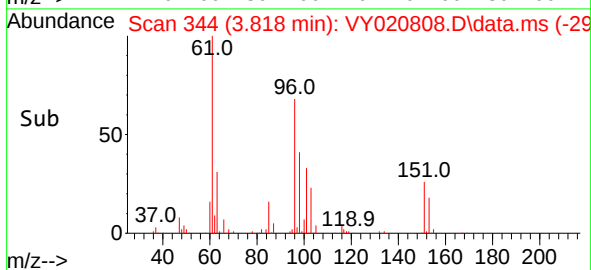
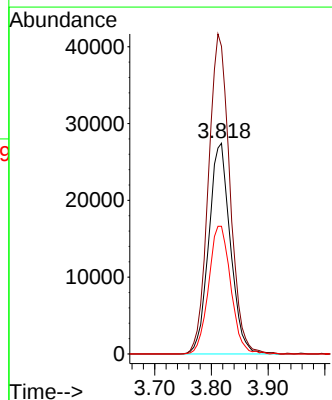
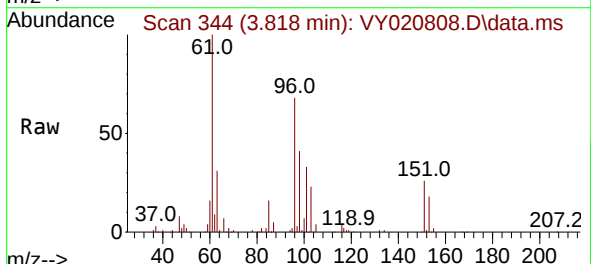


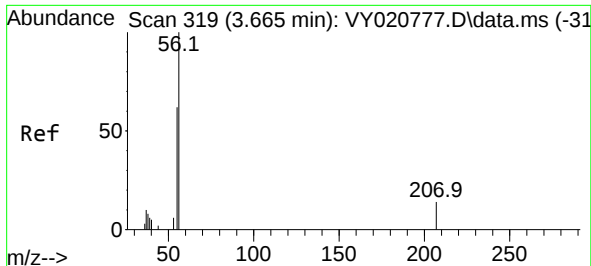
Tgt Ion: 59 Resp: 24997
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 50.618 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

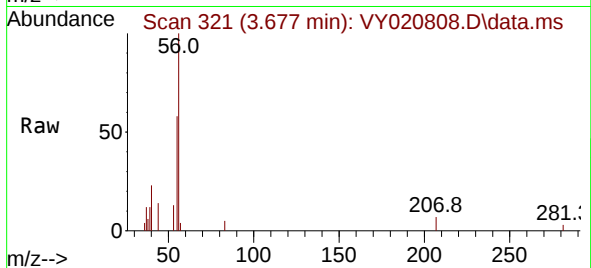
Tgt Ion: 96 Resp: 72518
Ion Ratio Lower Upper
96 100
61 146.1 117.8 176.8
98 60.6 51.9 77.9



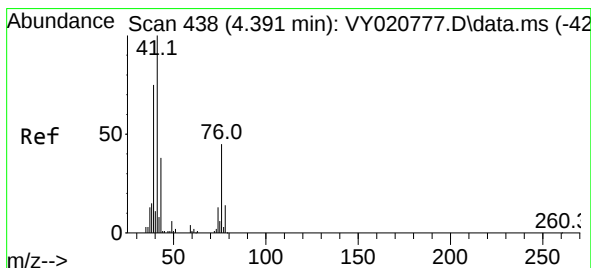
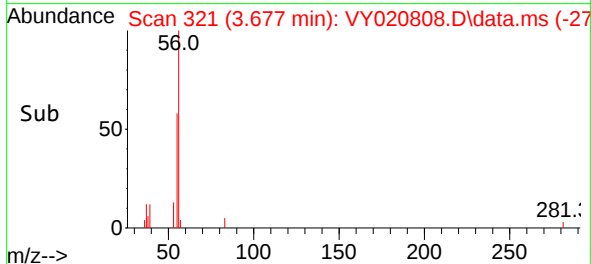
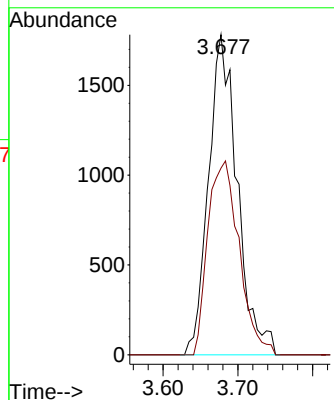


#13
Acrolein
Concen: 143.955 ug/l
RT: 3.677 min Scan# 319
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :

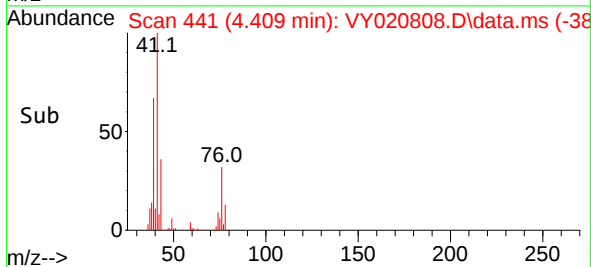
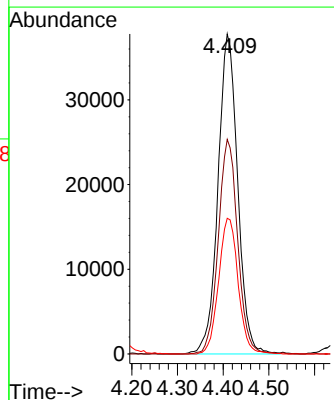
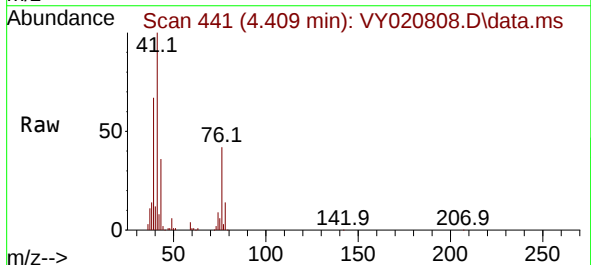


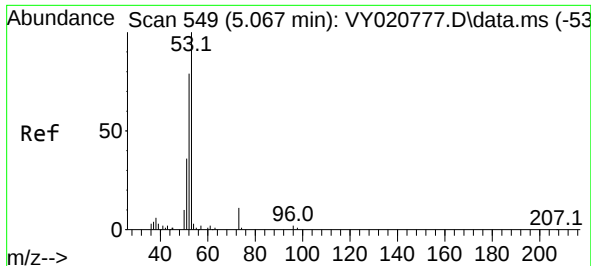
Tgt Ion: 56 Resp: 4770
Ion Ratio Lower Upper
56 100
55 65.8 58.1 87.1



#14
Allyl chloride
Concen: 54.756 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

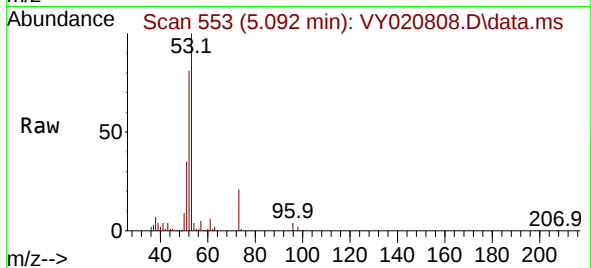
Tgt Ion: 41 Resp: 113175
Ion Ratio Lower Upper
41 100
39 66.0 57.5 86.3
76 42.0 35.6 53.4



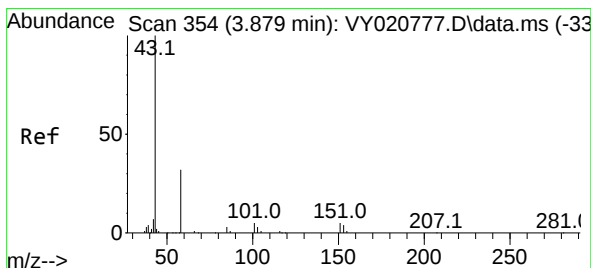
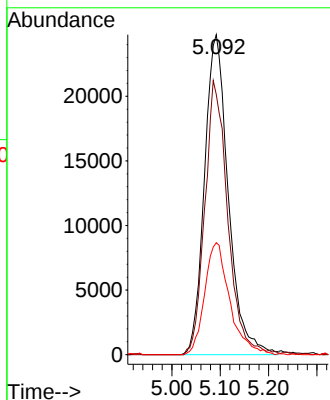
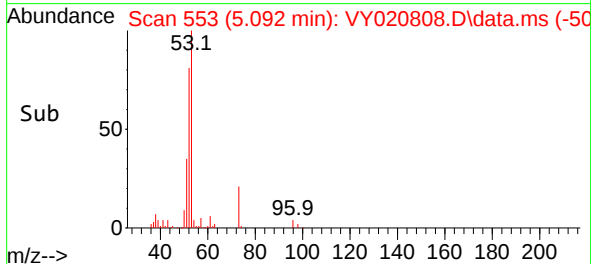


#15
Acrylonitrile
Concen: 263.900 ug/l
RT: 5.092 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

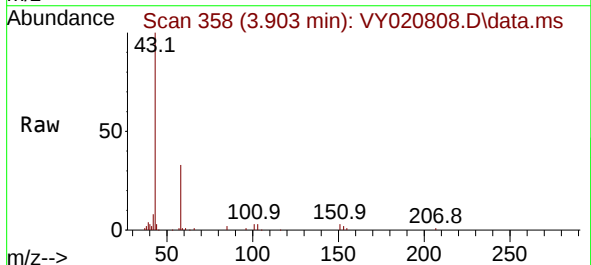
Instrument :
MSVOA_Y
ClientSampleId :



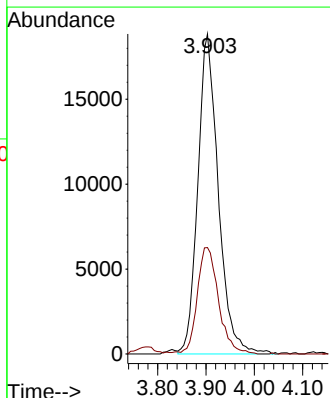
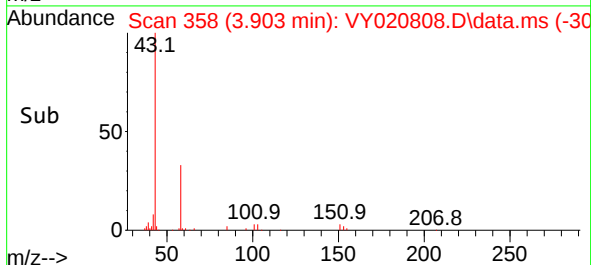
Tgt Ion: 53 Resp: 84952
Ion Ratio Lower Upper
53 100
52 82.2 64.3 96.5
51 36.8 29.3 43.9

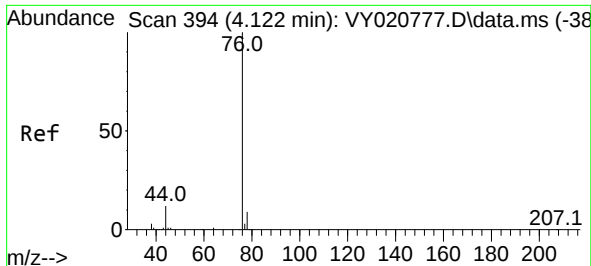


#16
Acetone
Concen: 249.738 ug/l
RT: 3.903 min Scan# 358
Delta R.T. 0.024 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32



Tgt Ion: 43 Resp: 55454
Ion Ratio Lower Upper
43 100
58 33.3 26.7 40.1

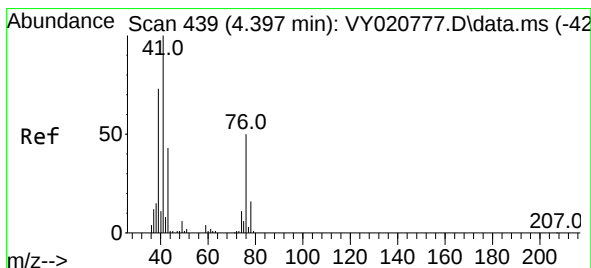
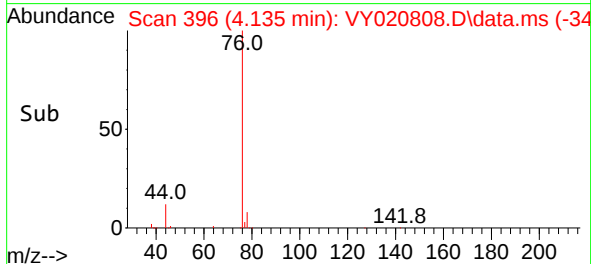
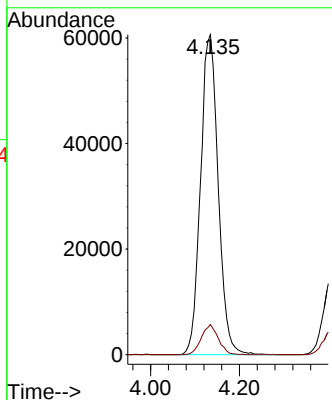
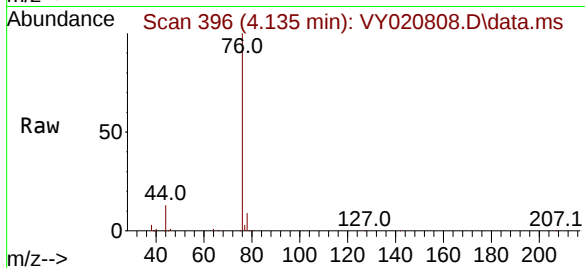




#17
Carbon Disulfide
Concen: 53.957 ug/l
RT: 4.135 min Scan# 396
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

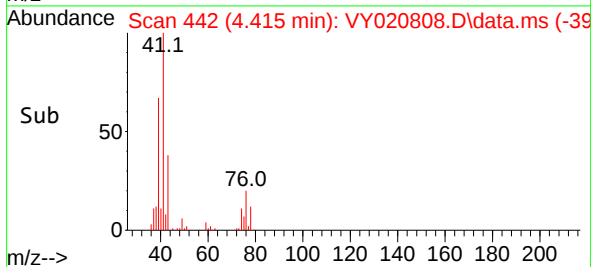
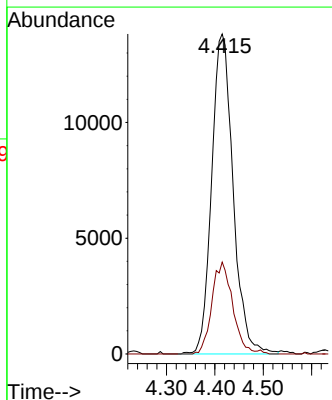
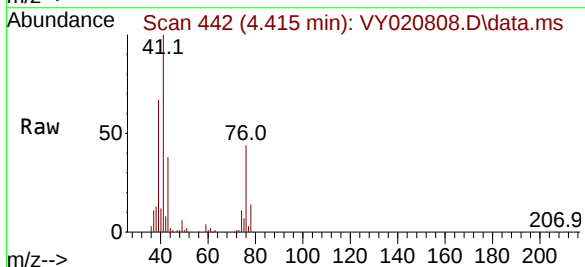
Instrument :
MSVOA_Y
ClientSampleId :

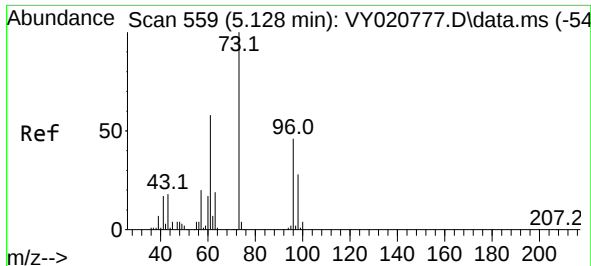
Tgt Ion: 76 Resp: 167694
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 56.750 ug/l
RT: 4.415 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

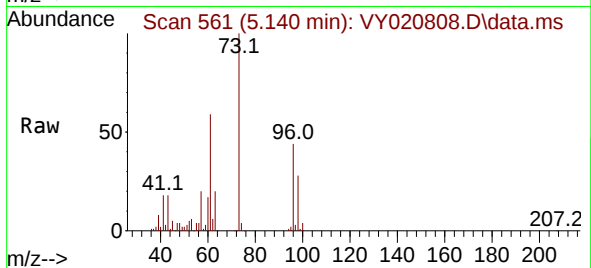
Tgt Ion: 43 Resp: 42548
Ion Ratio Lower Upper
43 100
74 27.9 23.0 34.6



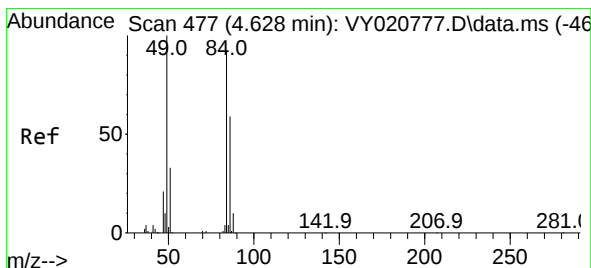
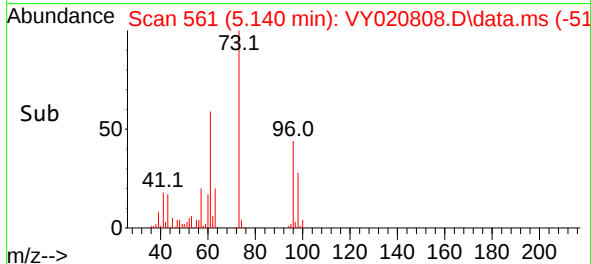
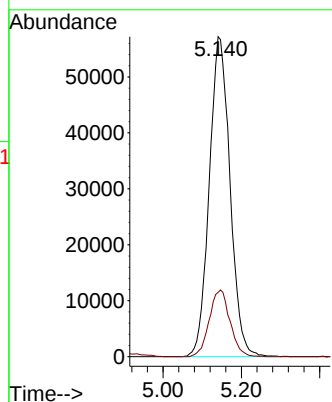


#19
Methyl tert-butyl Ether
Concen: 51.957 ug/l
RT: 5.140 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :

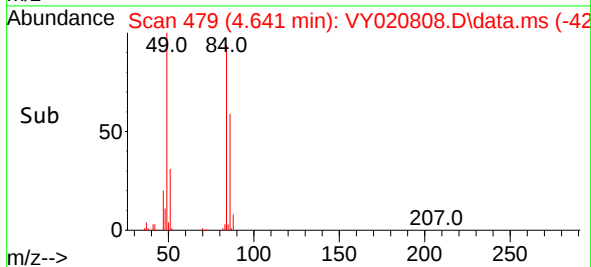
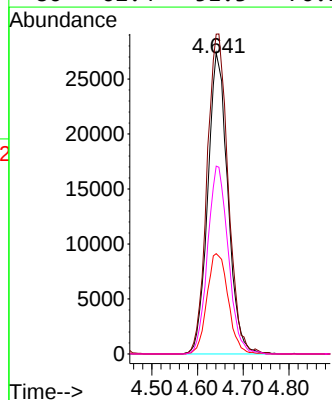
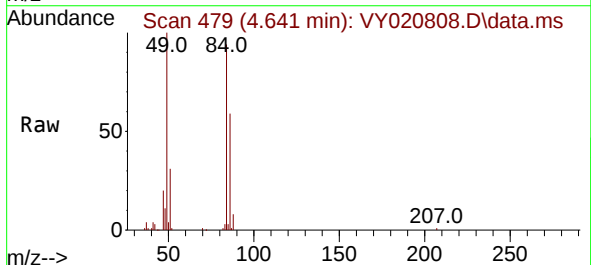


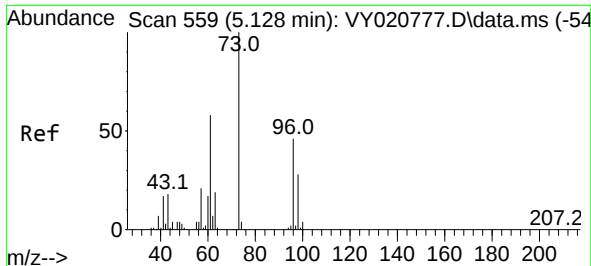
Tgt Ion: 73 Resp: 210069
Ion Ratio Lower Upper
73 100
57 20.1 16.4 24.6



#20
Methylene Chloride
Concen: 54.273 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

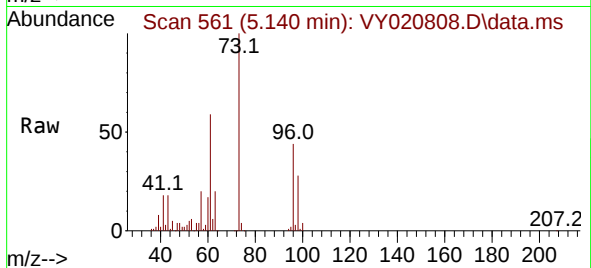
Tgt Ion: 84 Resp: 83227
Ion Ratio Lower Upper
84 100
49 106.2 86.7 130.1
51 33.3 28.4 42.6
86 62.4 51.3 76.9



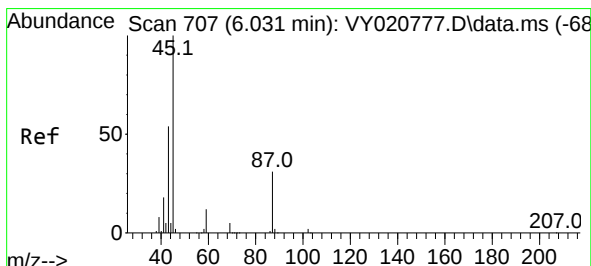
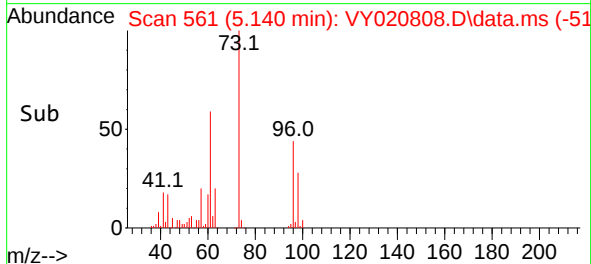
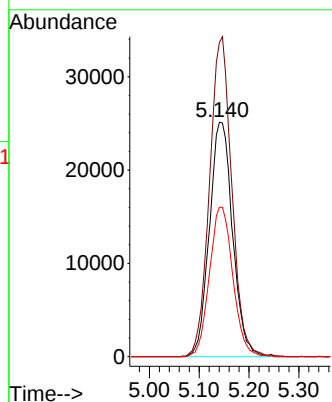


#21
trans-1,2-Dichloroethene
Concen: 51.501 ug/l
RT: 5.140 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :

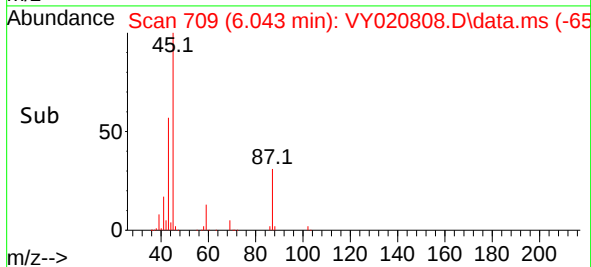
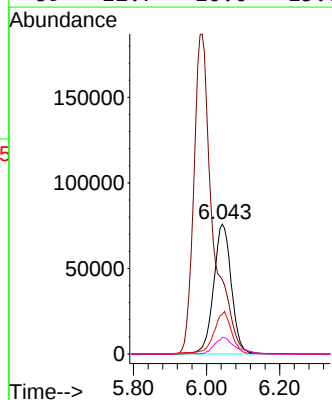
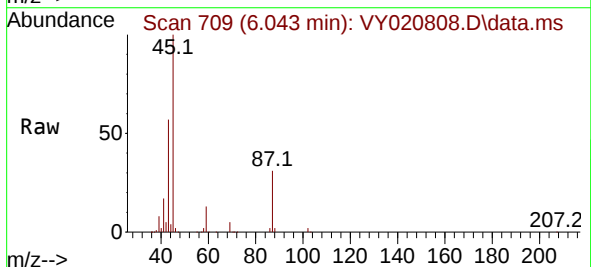


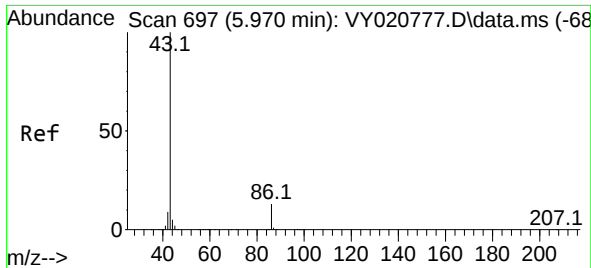
Tgt Ion: 96 Resp: 81252
Ion Ratio Lower Upper
96 100
61 134.1 101.6 152.4
98 63.8 49.4 74.2



#22
Diisopropyl ether
Concen: 57.935 ug/l
RT: 6.043 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion: 45 Resp: 255082
Ion Ratio Lower Upper
45 100
43 56.9 43.9 65.9
87 30.8 25.3 37.9
59 12.7 10.0 15.0

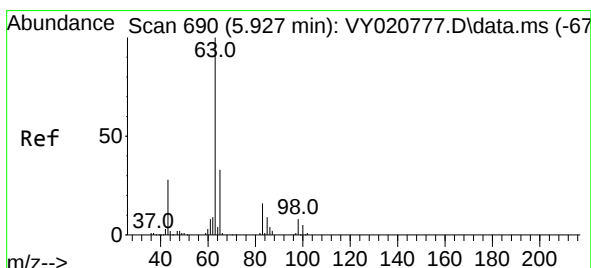
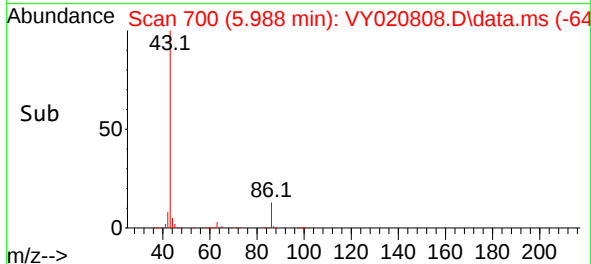
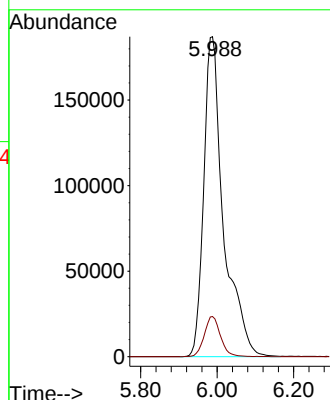
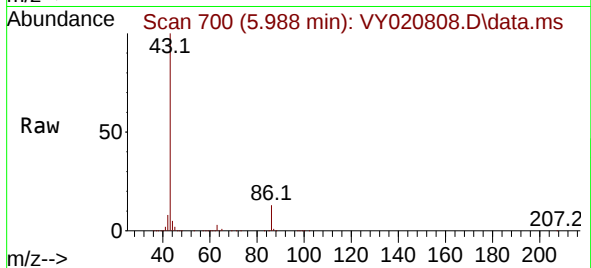




#23
 Vinyl Acetate
 Concen: 277.003 ug/l
 RT: 5.988 min Scan# 700
 Delta R.T. 0.018 min
 Lab File: VY020808.D
 Acq: 08 Jan 2025 15:32

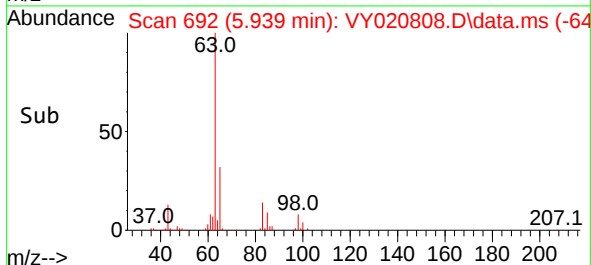
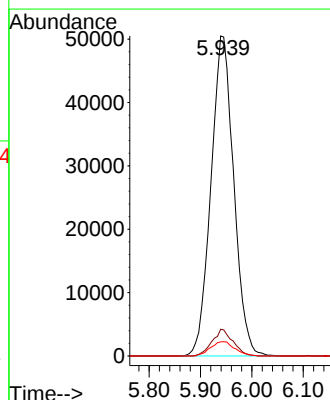
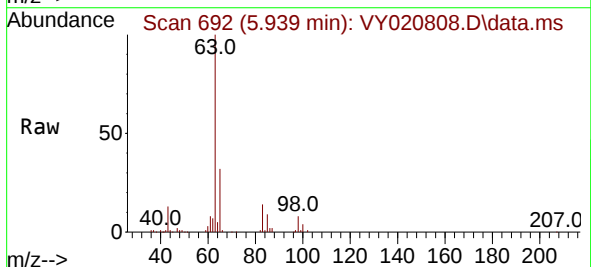
Instrument :
 MSVOA_Y
 ClientSampleId :

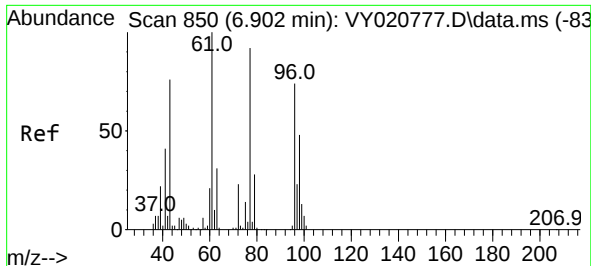
Tgt Ion: 43 Resp: 672464
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 53.528 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY020808.D
 Acq: 08 Jan 2025 15:32

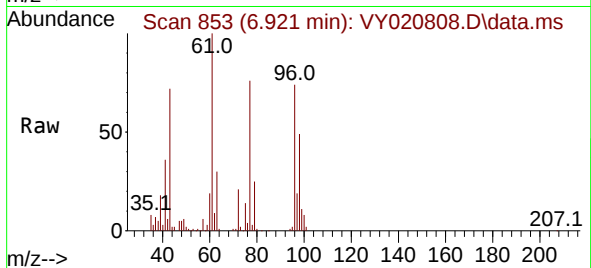
Tgt Ion: 63 Resp: 155493
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 4.4 2.4 7.2



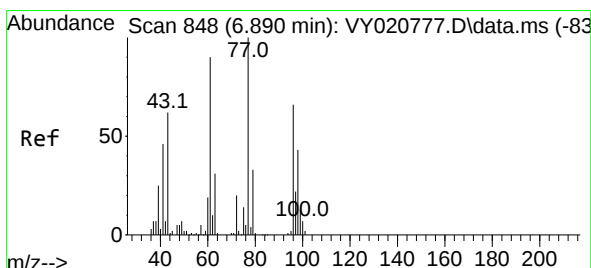
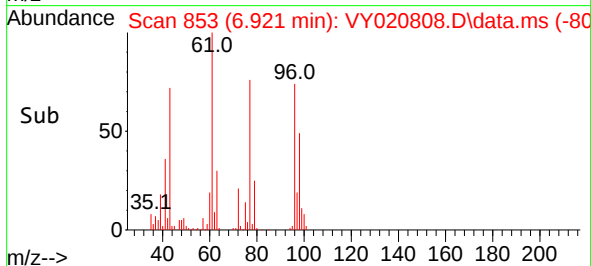
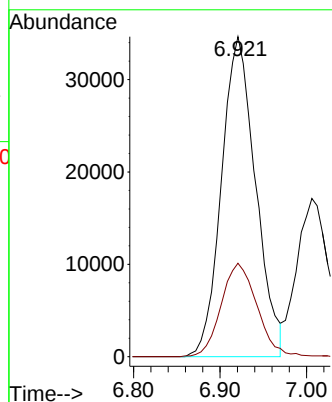


#25
2-Butanone
Concen: 260.182 ug/l
RT: 6.921 min Scan# 853
Delta R.T. 0.018 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :

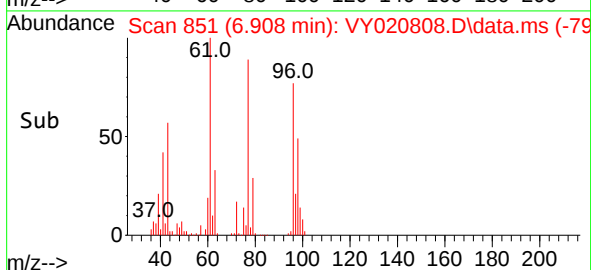
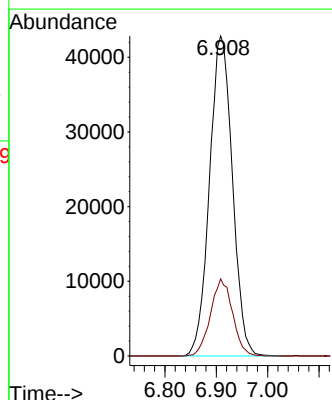
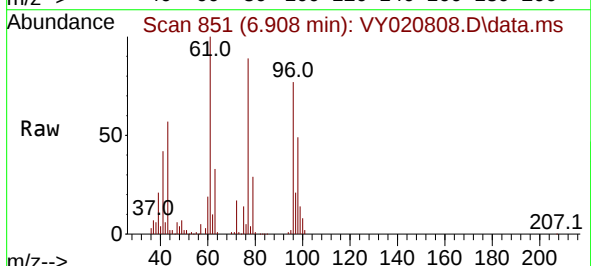


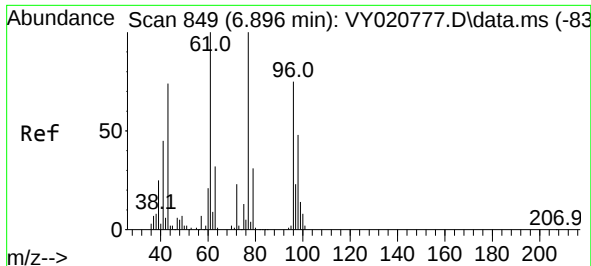
Tgt Ion: 43 Resp: 94902
Ion Ratio Lower Upper
43 100
72 29.2 24.0 36.0



#26
2,2-Dichloropropane
Concen: 43.906 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

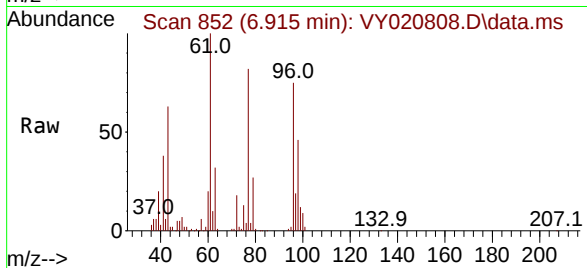
Tgt Ion: 77 Resp: 132423
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8





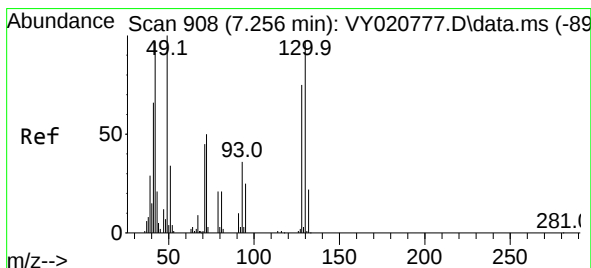
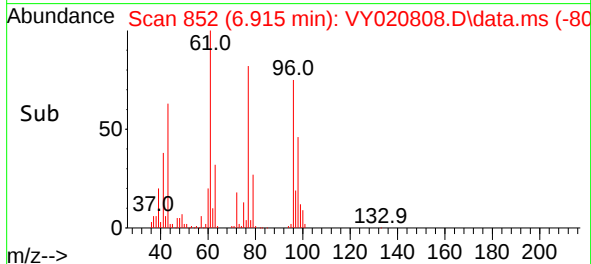
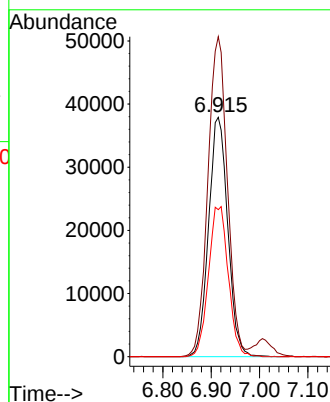
#27
 cis-1,2-Dichloroethene
 Concen: 52.416 ug/l
 RT: 6.915 min Scan# 849
 Delta R.T. 0.018 min
 Lab File: VY020808.D
 Acq: 08 Jan 2025 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 104338

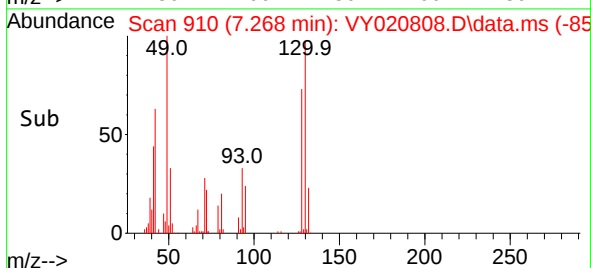
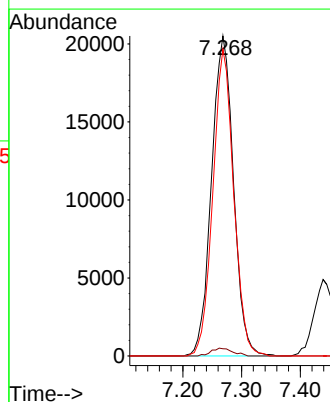
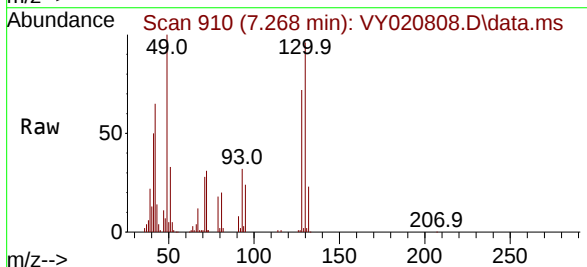
Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	271.4
98	64.8	0.0	129.0

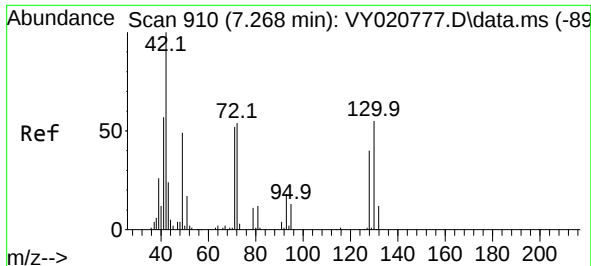


#28
 Bromochloromethane
 Concen: 67.863 ug/l
 RT: 7.268 min Scan# 910
 Delta R.T. 0.012 min
 Lab File: VY020808.D
 Acq: 08 Jan 2025 15:32

Tgt Ion: 49 Resp: 53194

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	90.8	77.8	116.6





#29

Tetrahydrofuran

Concen: 270.056 ug/l

RT: 7.286 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY020808.D

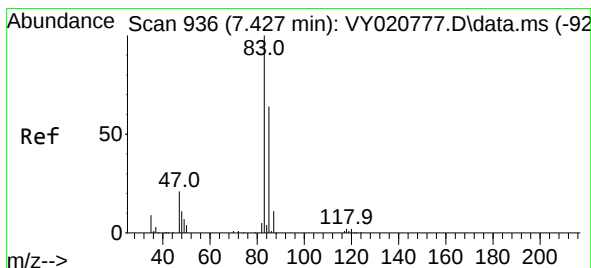
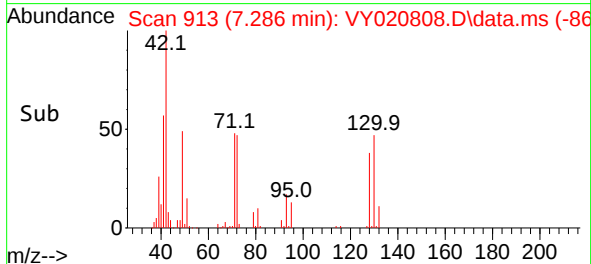
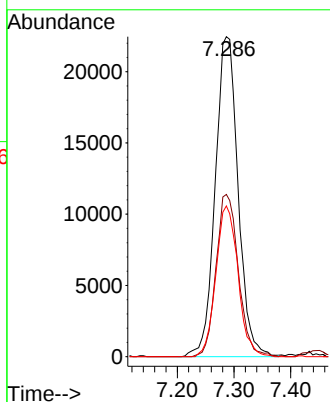
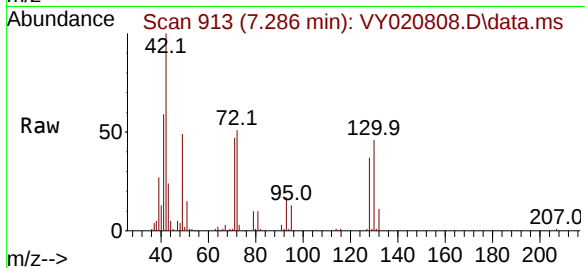
Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	62924
Ion	Ratio	Lower	Upper
42	100		
72	49.5	41.8	62.6
71	45.6	39.8	59.8



#30

Chloroform

Concen: 51.139 ug/l

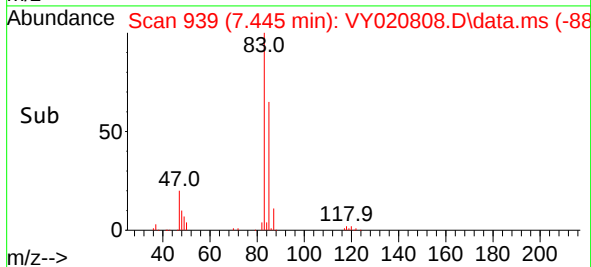
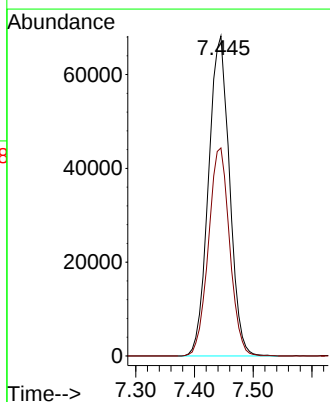
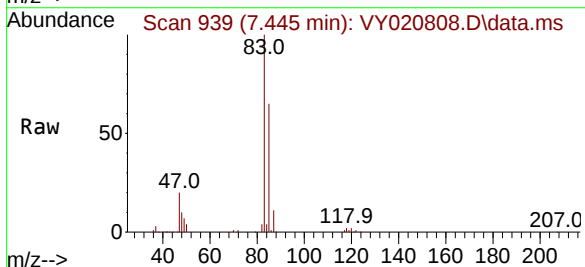
RT: 7.445 min Scan# 939

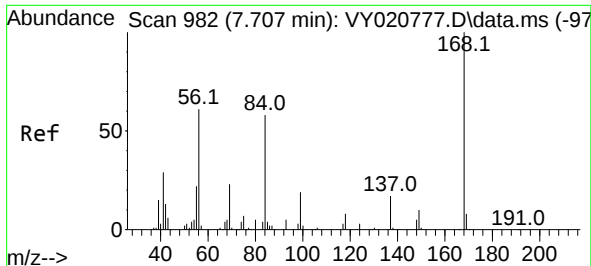
Delta R.T. 0.018 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Tgt Ion:	83	Resp:	169410
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.1	76.7

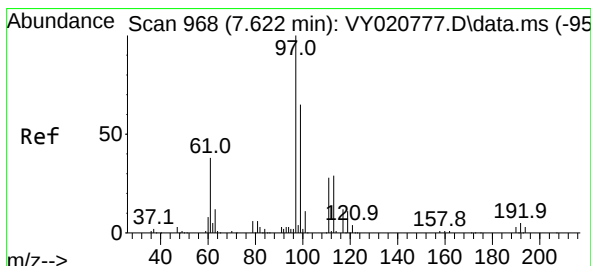
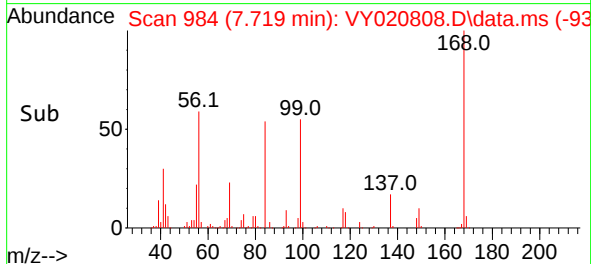
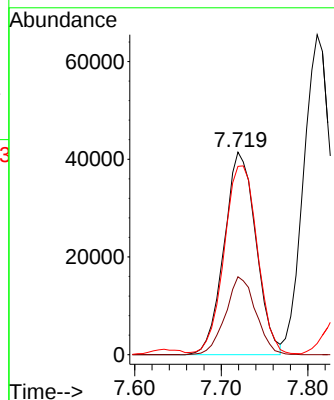
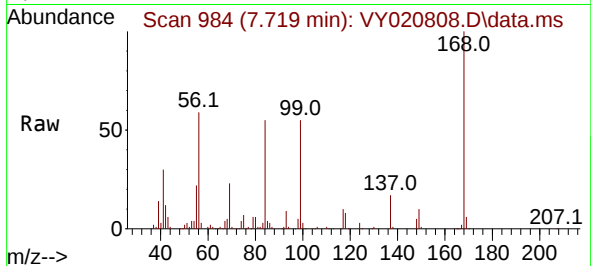




#31
Cyclohexane
Concen: 46.676 ug/l
RT: 7.719 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

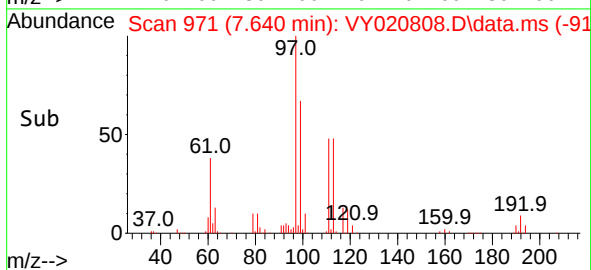
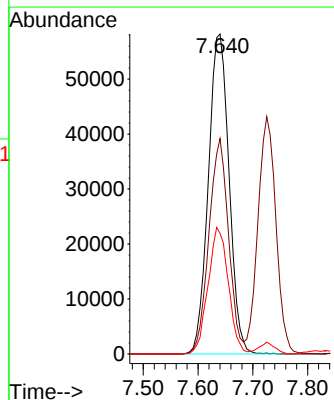
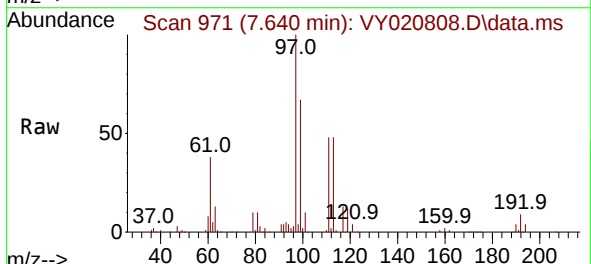
Instrument :
MSVOA_Y
ClientSampleId :

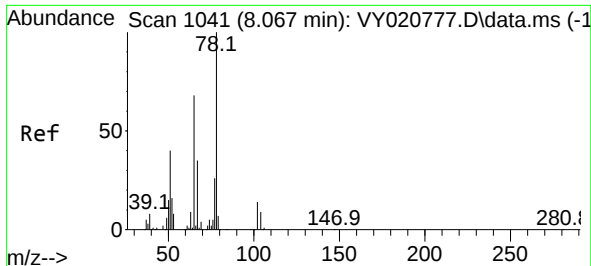
Tgt Ion: 56 Resp: 106055
Ion Ratio Lower Upper
56 100
69 38.5 30.5 45.7
84 90.9 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 47.194 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.018 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion: 97 Resp: 152498
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 38.7 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 57.904 ug/l

RT: 8.079 min Scan# 1104

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

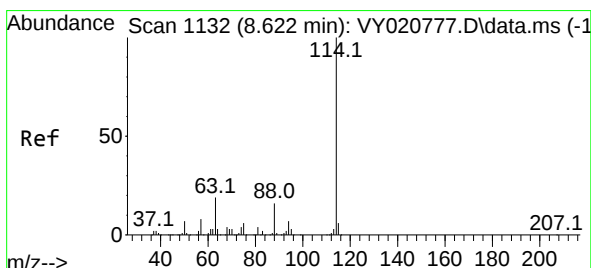
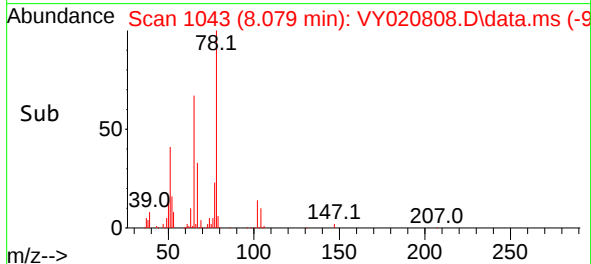
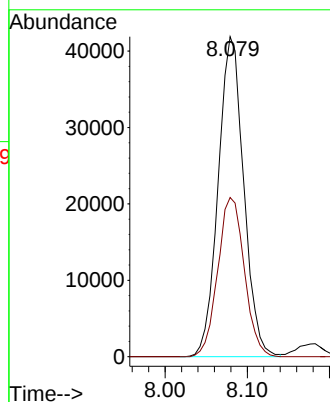
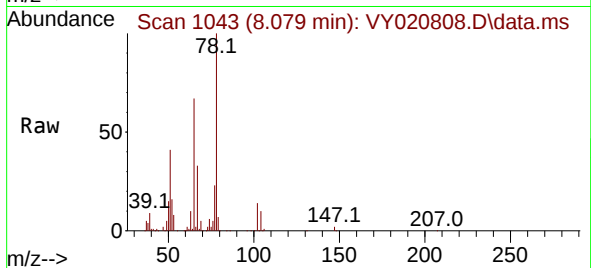
ClientSampleId :

Tgt Ion: 65 Resp: 90417

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

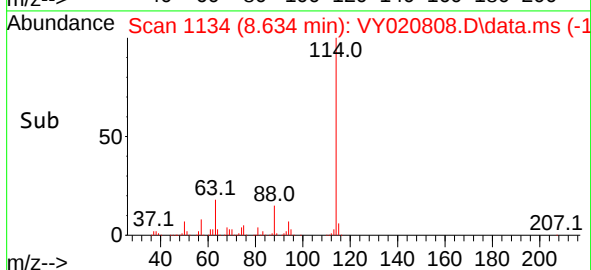
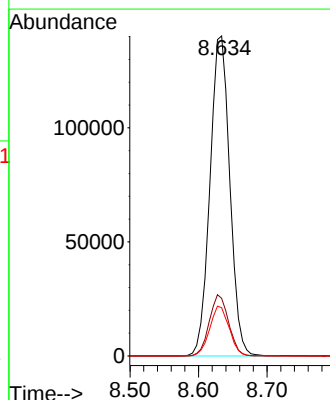
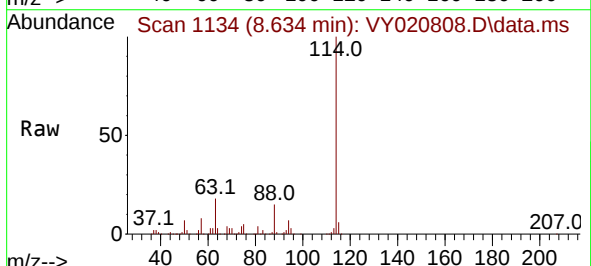
Tgt Ion: 114 Resp: 281444

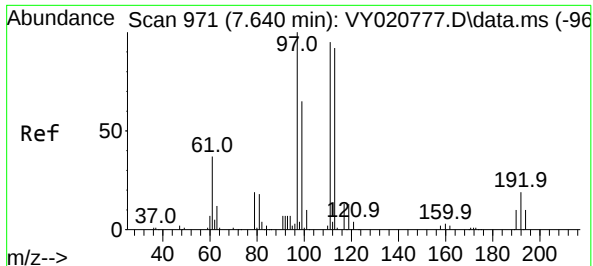
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 55.068 ug/l

RT: 7.652 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

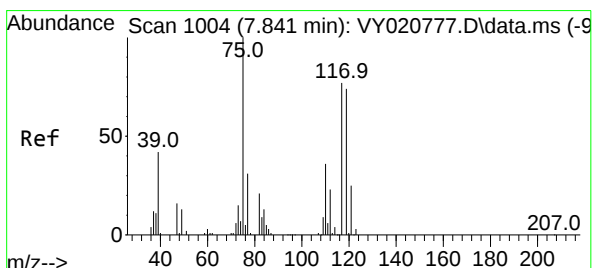
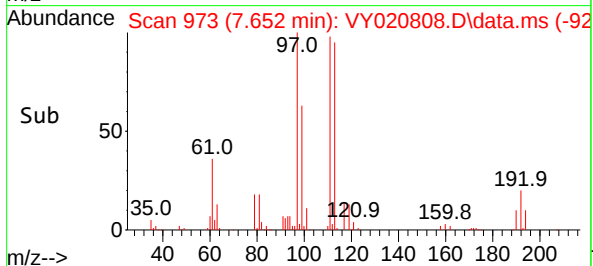
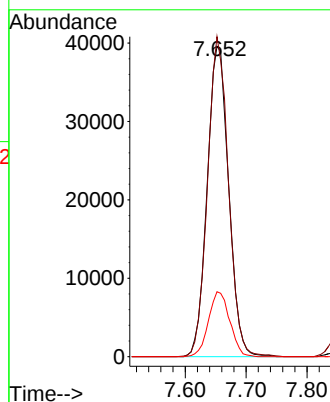
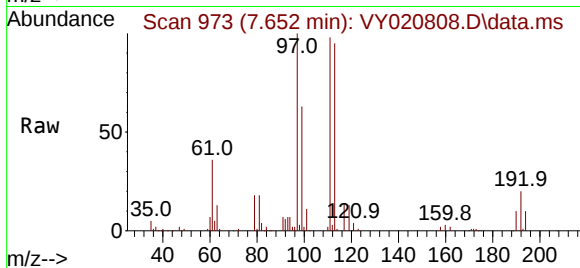
Tgt Ion:113 Resp: 97098

Ion Ratio Lower Upper

113 100

111 100.4 81.7 122.5

192 20.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 47.675 ug/l

RT: 7.853 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

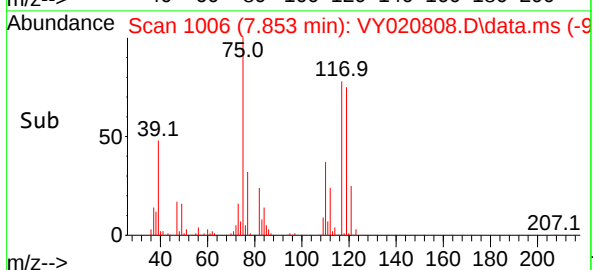
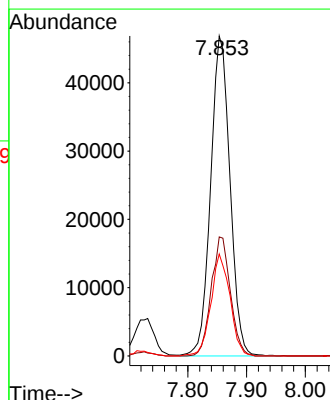
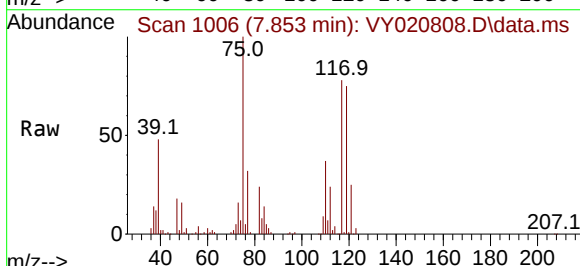
Tgt Ion: 75 Resp: 107220

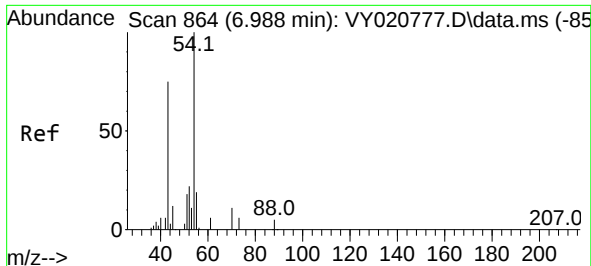
Ion Ratio Lower Upper

75 100

110 36.7 18.5 55.5

77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 51.723 ug/l

RT: 7.006 min Scan# 81

Delta R.T. 0.018 min

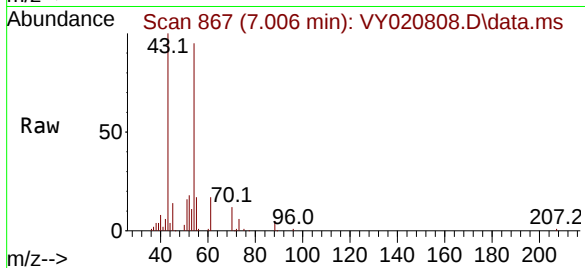
Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :



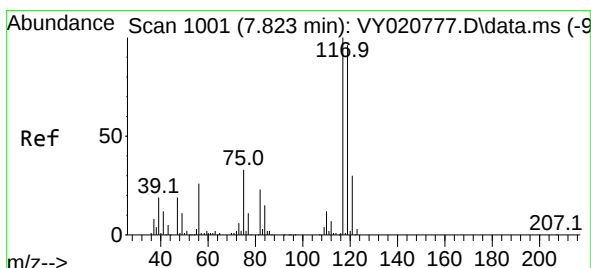
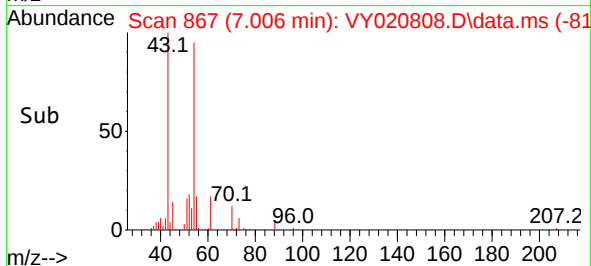
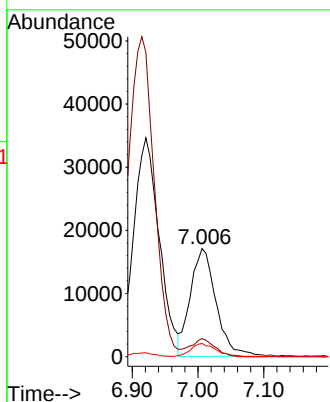
Tgt Ion: 43 Resp: 46291

Ion Ratio Lower Upper

43 100

61 15.7 11.8 17.6

70 11.7 9.8 14.8



#38

Carbon Tetrachloride

Concen: 44.725 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.018 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

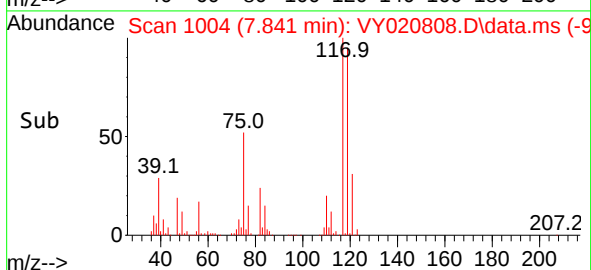
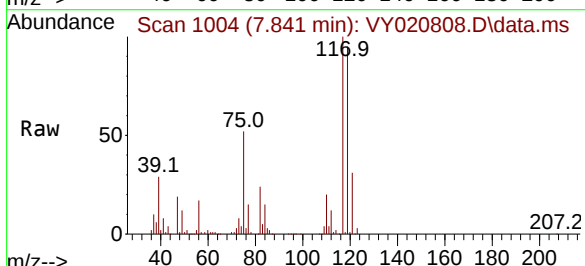
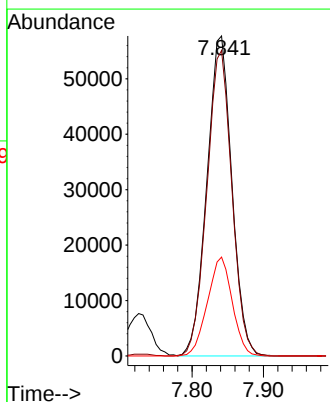
Tgt Ion: 117 Resp: 140015

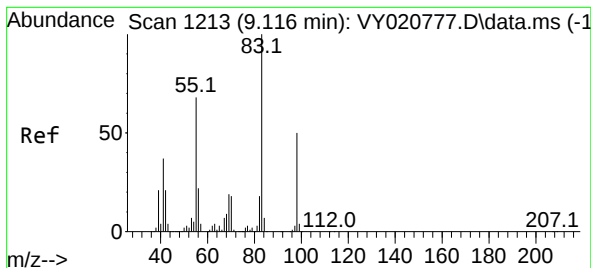
Ion Ratio Lower Upper

117 100

119 95.5 76.5 114.7

121 30.9 24.3 36.5





#39

Methylcyclohexane

Concen: 45.158 ug/l

RT: 9.128 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

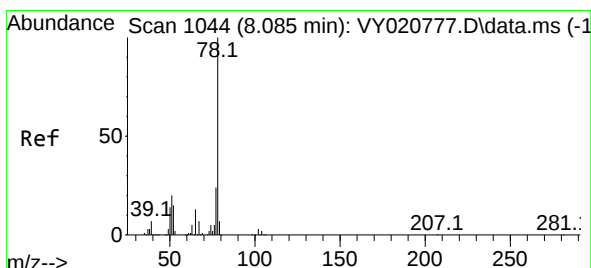
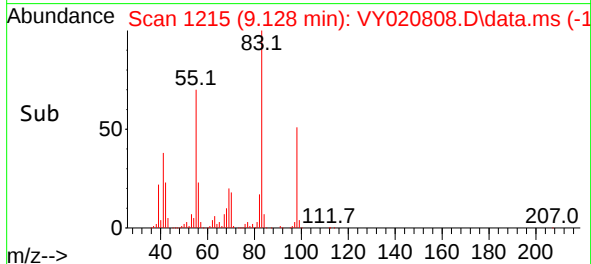
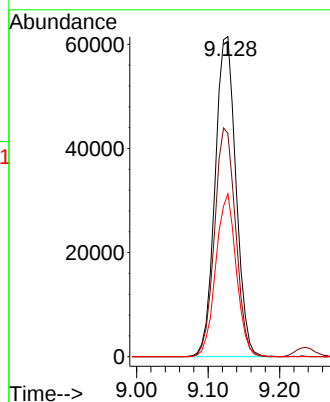
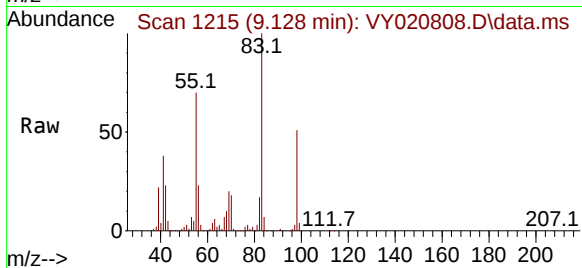
Tgt Ion: 83 Resp: 124627

Ion Ratio Lower Upper

83 100

55 69.8 54.8 82.2

98 50.9 40.0 60.0



#40

Benzene

Concen: 50.985 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. 0.012 min

Lab File: VY020808.D

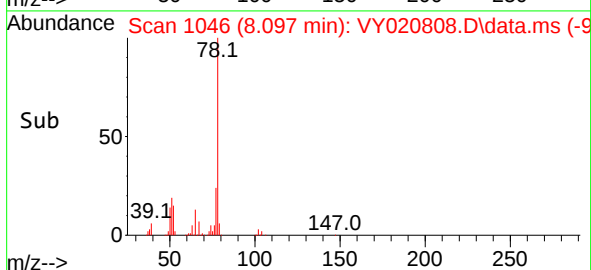
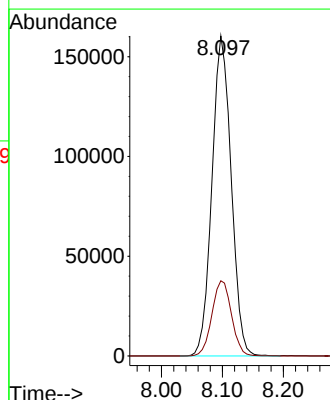
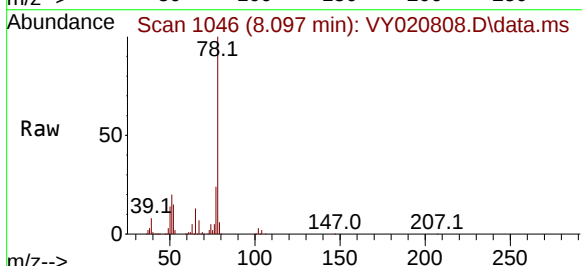
Acq: 08 Jan 2025 15:32

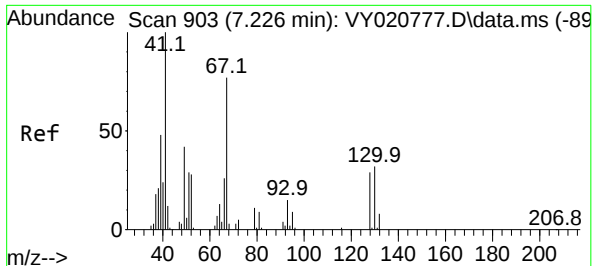
Tgt Ion: 78 Resp: 351923

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.2

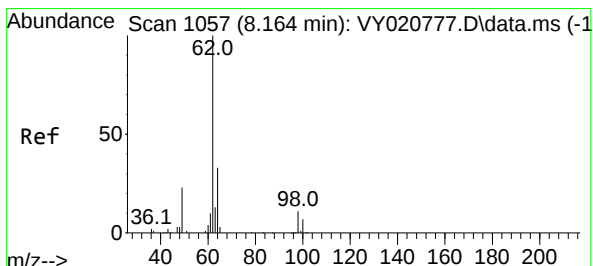
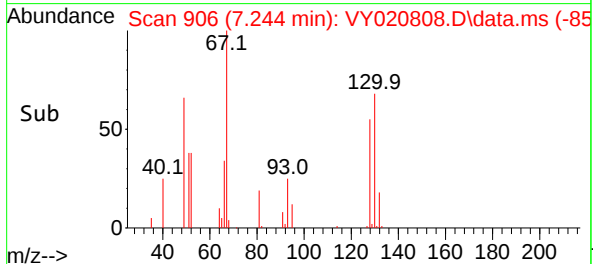
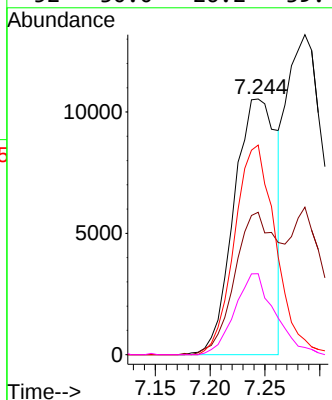
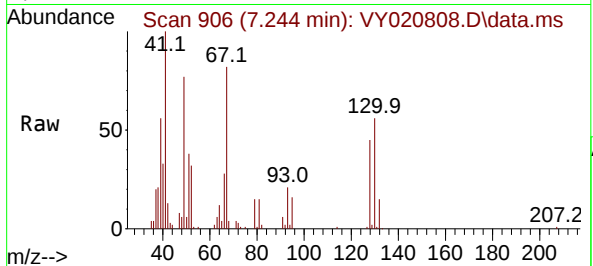




#41
Methacrylonitrile
Concen: 55.458 ug/l
RT: 7.244 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

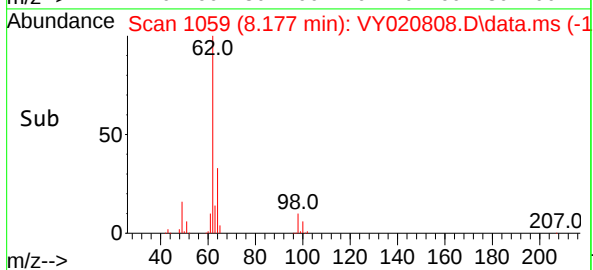
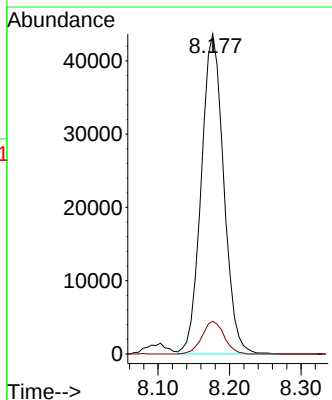
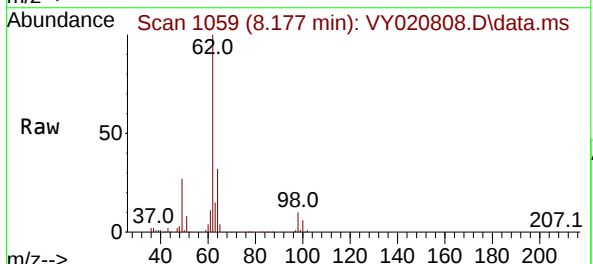
Instrument :
MSVOA_Y
ClientSampleId :

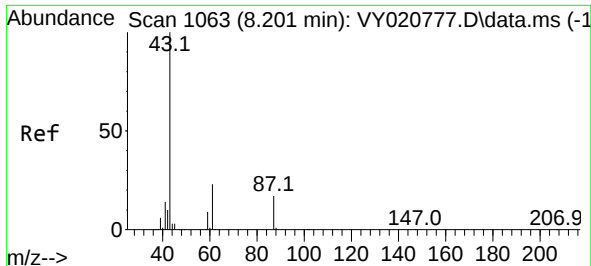
Tgt Ion:	41	Resp:	28425
Ion Ratio	Lower	Upper	
41	100		
39	58.7	42.4	63.6
67	79.7	67.8	101.8
52	30.0	26.2	39.4



#42
1,2-Dichloroethane
Concen: 50.524 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

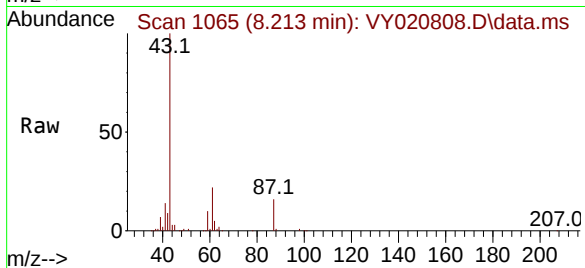
Tgt Ion:	62	Resp:	95237
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	19.6



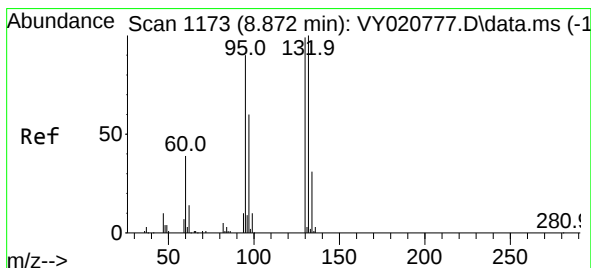
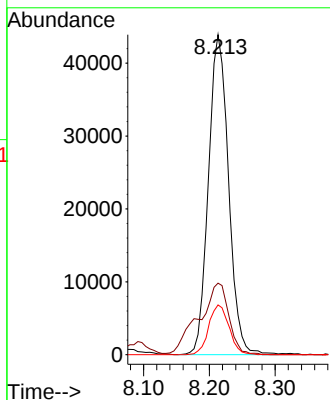
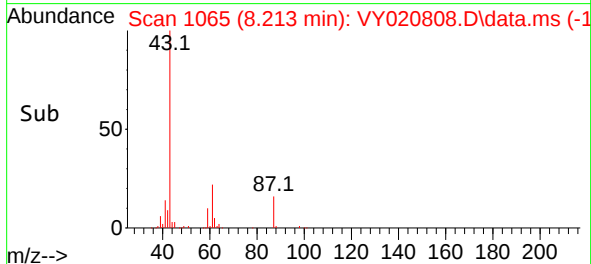


#43
Isopropyl Acetate
Concen: 51.405 ug/l
RT: 8.213 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

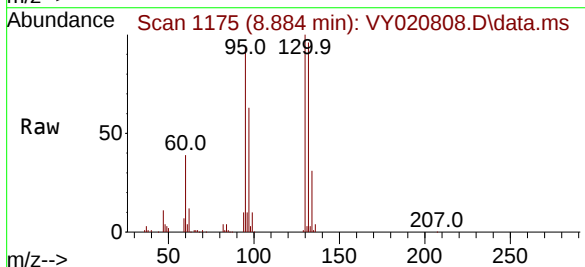
Instrument :
MSVOA_Y
ClientSampleId :



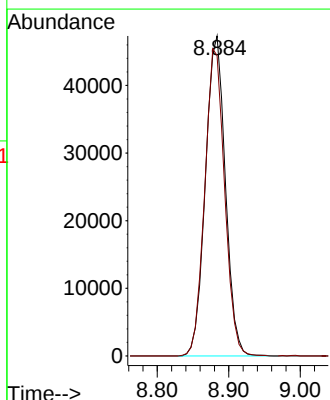
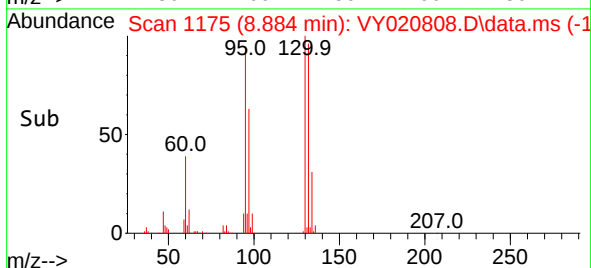
Tgt Ion: 43 Resp: 93576
Ion Ratio Lower Upper
43 100
61 33.3 26.5 39.7
87 15.7 13.4 20.0

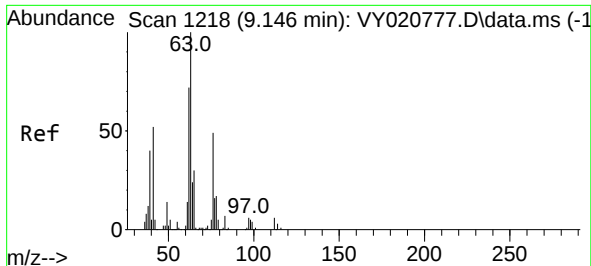


#44
Trichloroethene
Concen: 47.608 ug/l
RT: 8.884 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32



Tgt Ion:130 Resp: 91606
Ion Ratio Lower Upper
130 100
95 93.8 0.0 181.0





#45

1,2-Dichloropropane

Concen: 52.939 ug/l

RT: 9.158 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

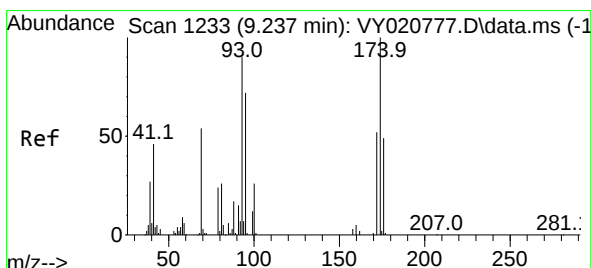
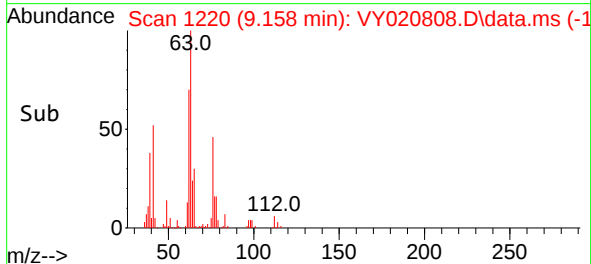
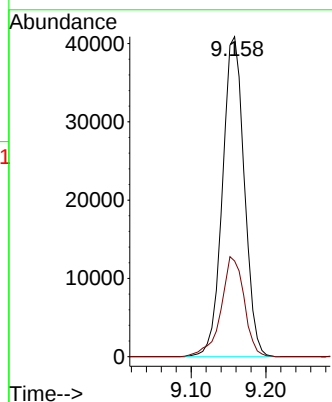
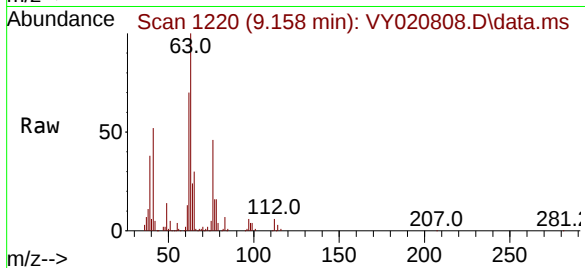
ClientSampleId :

Tgt Ion: 63 Resp: 82838

Ion Ratio Lower Upper

63 100

65 29.9 24.2 36.4



#46

Dibromomethane

Concen: 51.461 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

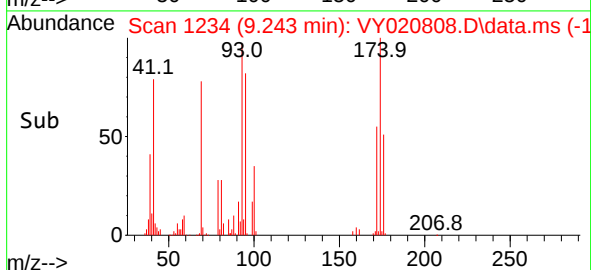
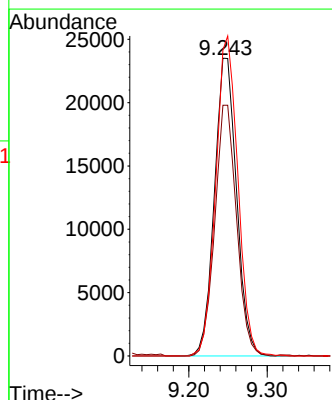
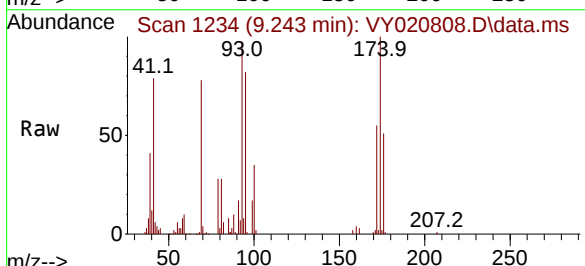
Tgt Ion: 93 Resp: 46241

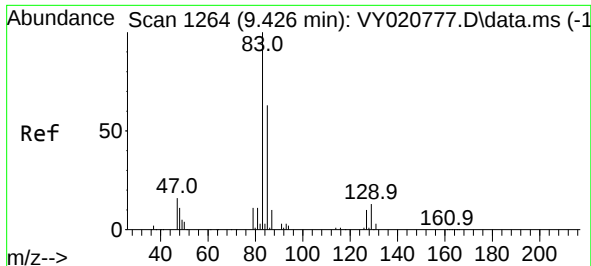
Ion Ratio Lower Upper

93 100

95 82.6 68.2 102.4

174 107.1 89.0 133.6

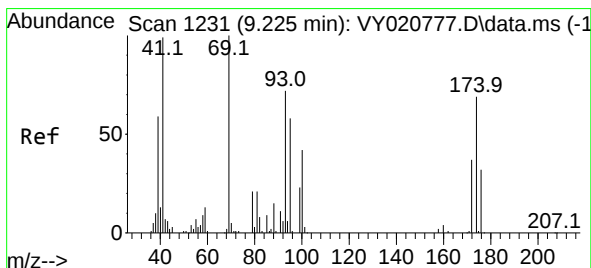
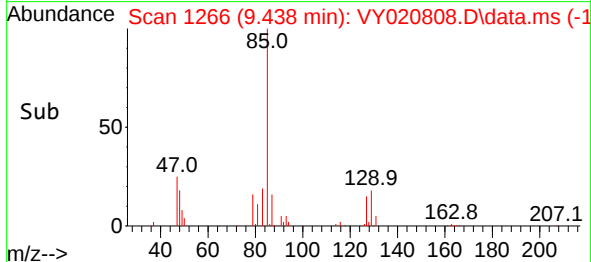
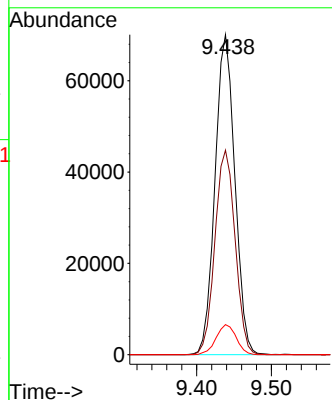
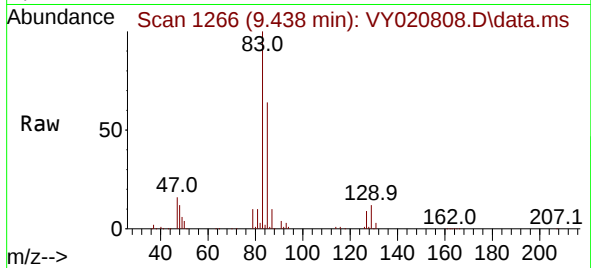




#47
Bromodichloromethane
Concen: 50.288 ug/l
RT: 9.438 min Scan# 1266
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

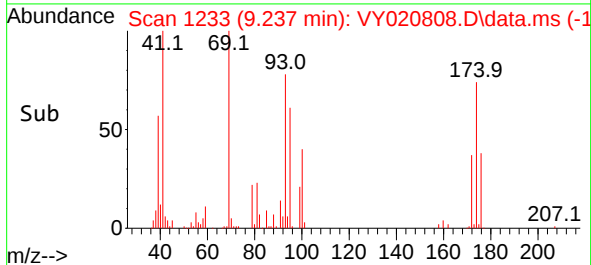
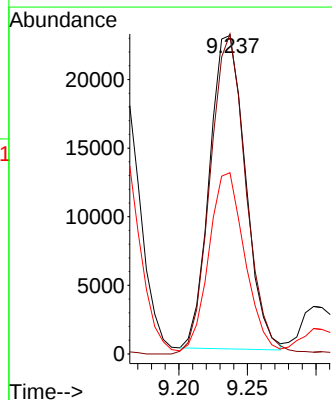
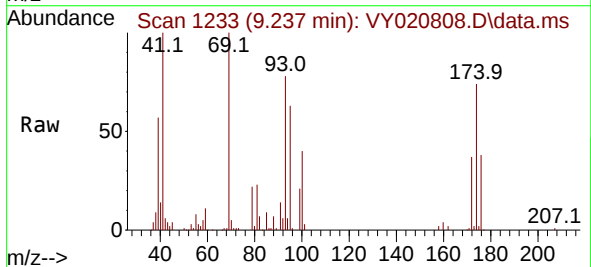
Instrument :
MSVOA_Y
ClientSampleId :

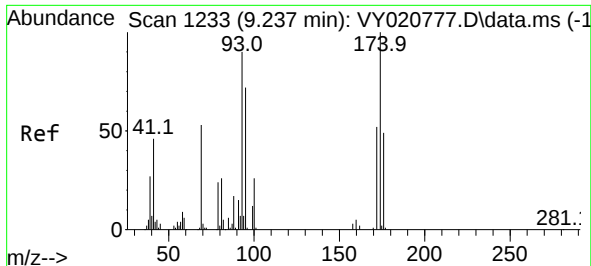
Tgt Ion: 83 Resp: 129414
Ion Ratio Lower Upper
83 100
85 63.9 50.7 76.1
127 9.4 7.9 11.9



#48
Methyl methacrylate
Concen: 50.962 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion: 41 Resp: 41590
Ion Ratio Lower Upper
41 100
69 102.1 78.9 118.3
39 58.5 44.6 67.0





#49

1,4-Dioxane

Concen: 1033.399 ug/l

RT: 9.256 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

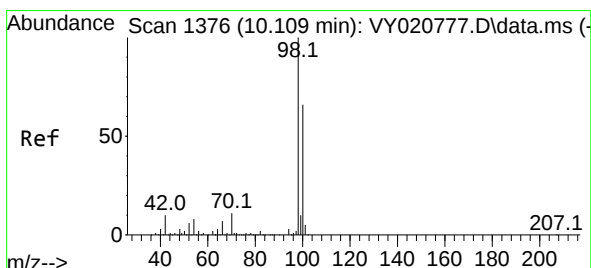
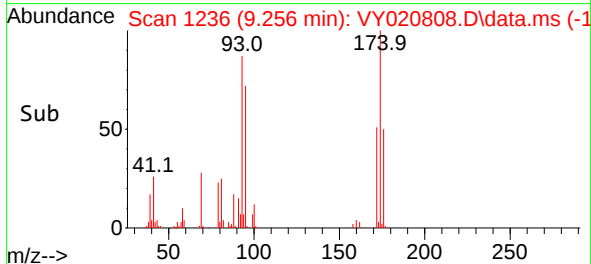
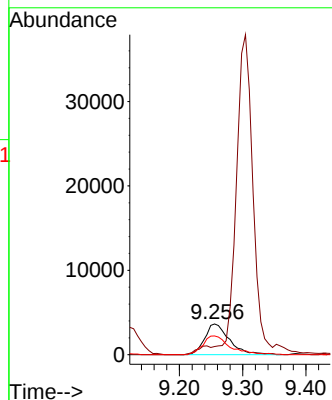
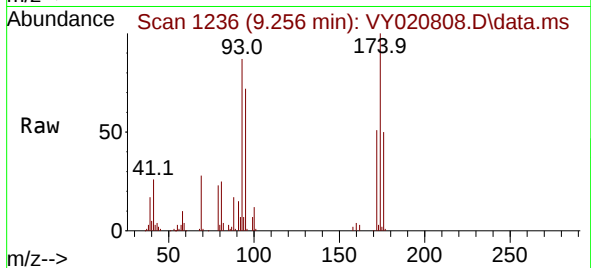
Tgt Ion: 88 Resp: 9859

Ion Ratio Lower Upper

88 100

43 0.0 24.4 36.6#

58 67.9 51.0 76.6



#50

Toluene-d8

Concen: 58.178 ug/l

RT: 10.121 min Scan# 1378

Delta R.T. 0.012 min

Lab File: VY020808.D

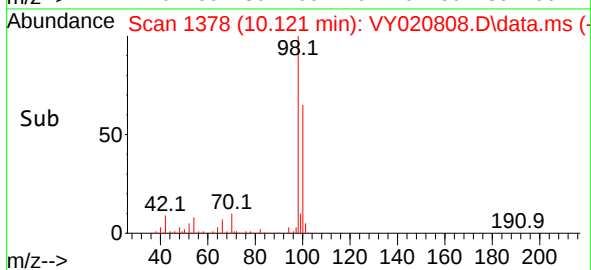
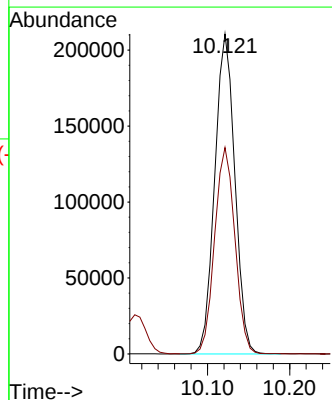
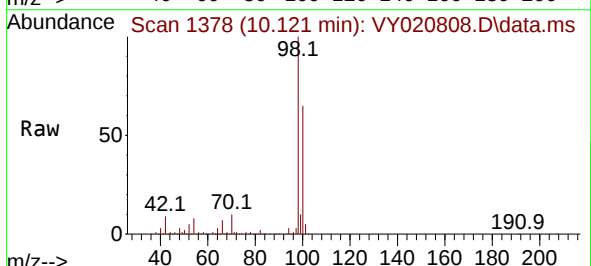
Acq: 08 Jan 2025 15:32

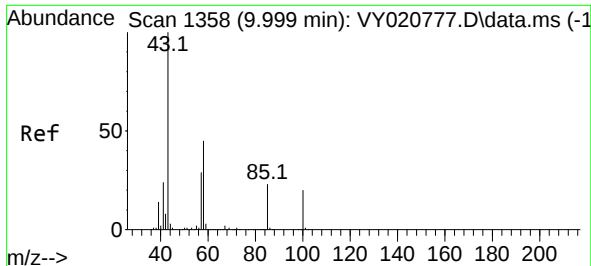
Tgt Ion: 98 Resp: 357599

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7

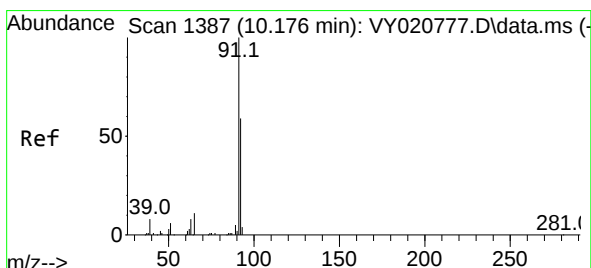
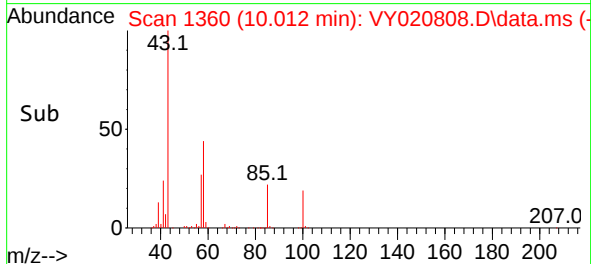
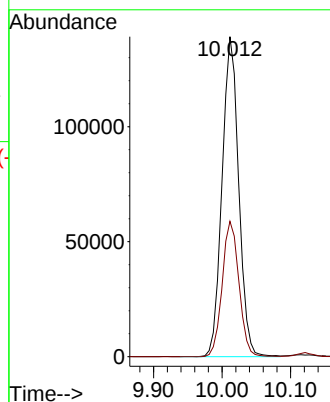
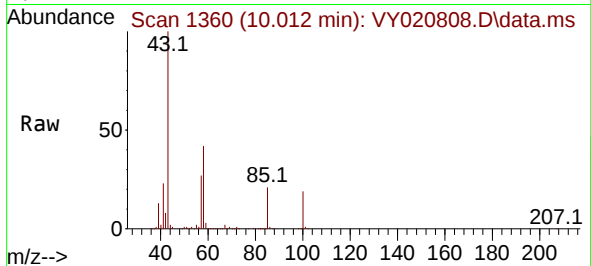




#51
4-Methyl-2-Pentanone
Concen: 257.313 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

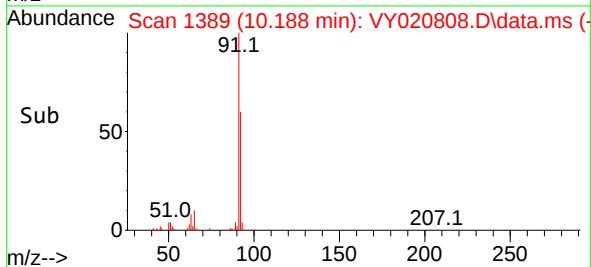
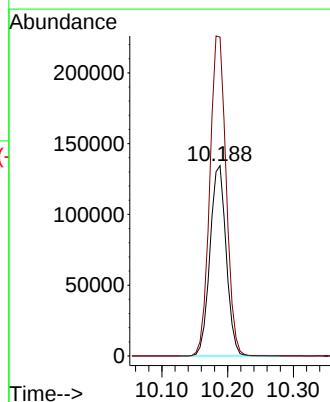
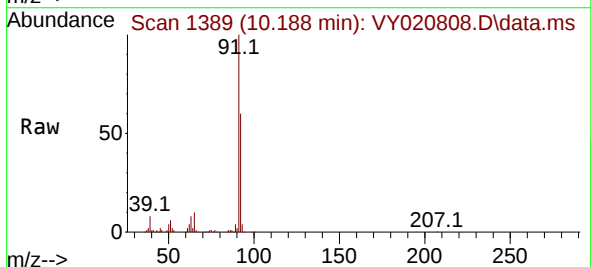
Instrument :
MSVOA_Y
ClientSampleId :

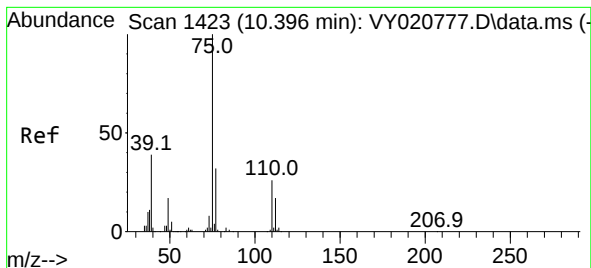
Tgt Ion: 43 Resp: 234008
Ion Ratio Lower Upper
43 100
58 42.6 34.8 52.2



#52
Toluene
Concen: 50.323 ug/l
RT: 10.188 min Scan# 1389
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion: 92 Resp: 230016
Ion Ratio Lower Upper
92 100
91 170.3 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 50.456 ug/l

RT: 10.408 min Scan# 1423

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

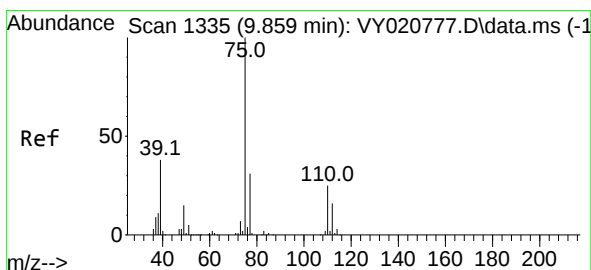
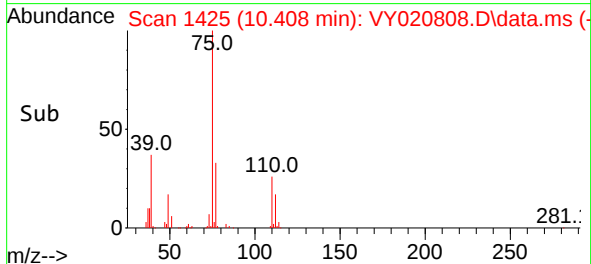
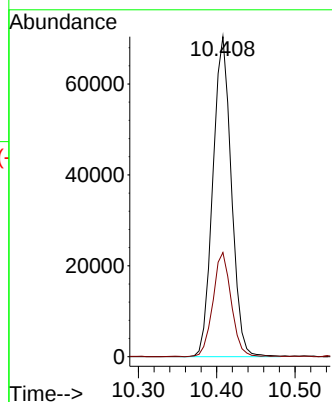
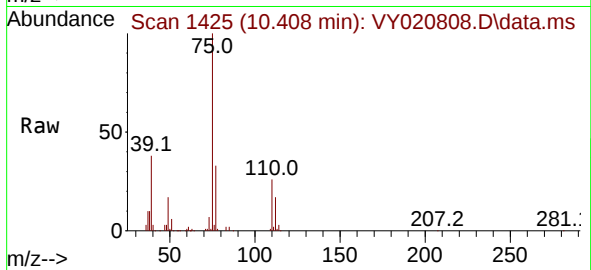
ClientSampleId :

Tgt Ion: 75 Resp: 115484

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.582 ug/l

RT: 9.871 min Scan# 1337

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

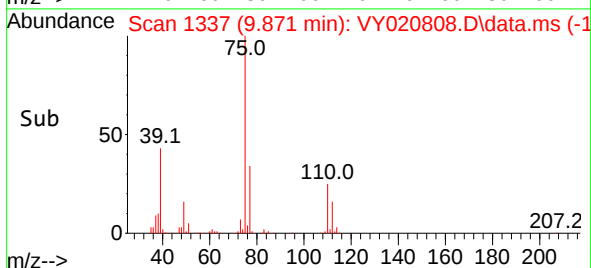
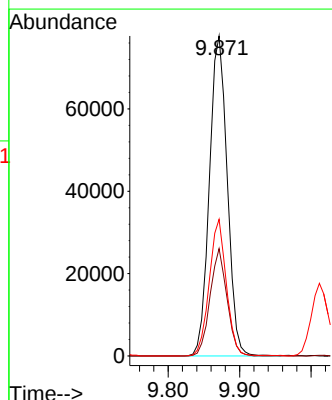
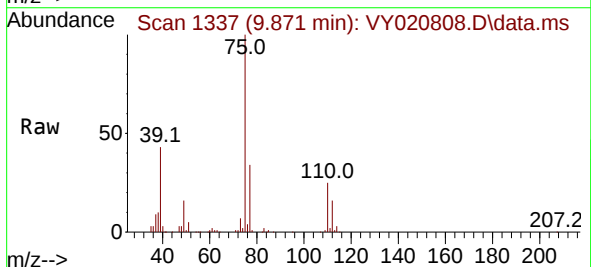
Tgt Ion: 75 Resp: 134457

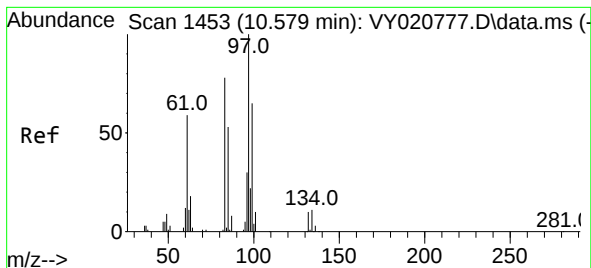
Ion Ratio Lower Upper

75 100

77 33.5 24.5 36.7

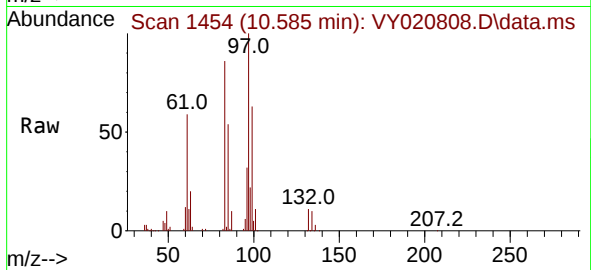
39 42.7 30.7 46.1



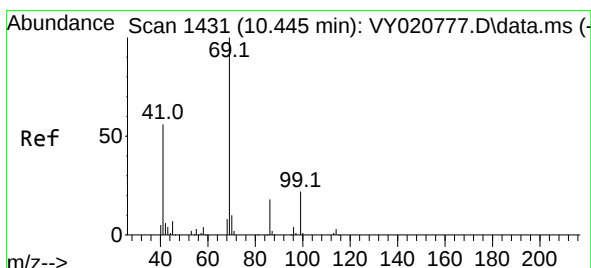
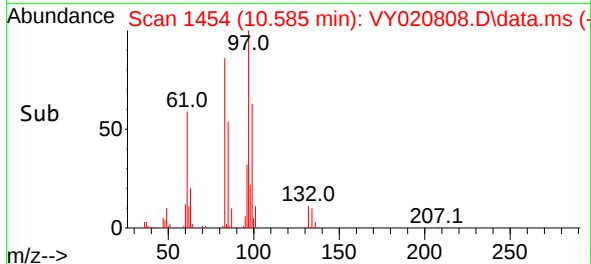
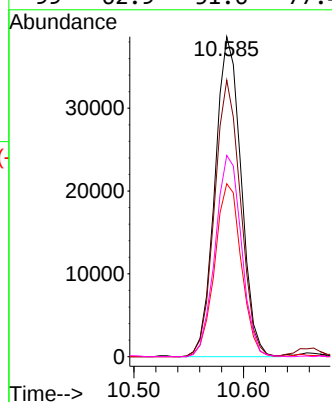


#55
1,1,2-Trichloroethane
Concen: 49.910 ug/l
RT: 10.585 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :

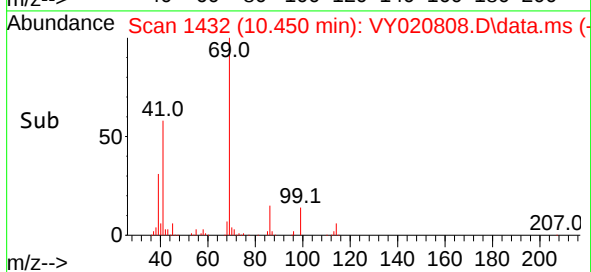
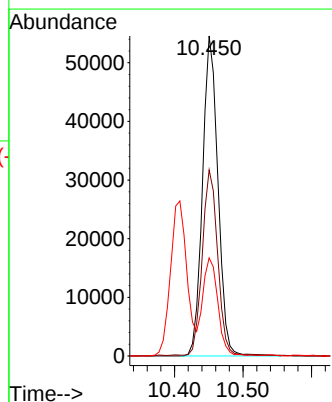
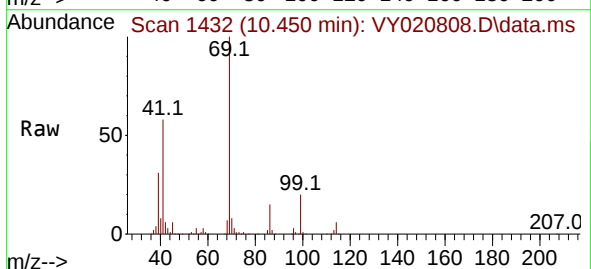


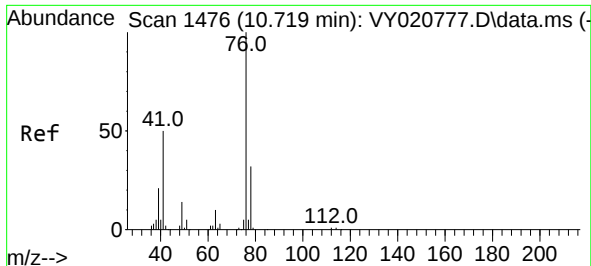
Tgt Ion: 97	Resp: 64070
Ion Ratio	Lower Upper
97 100	
83 86.5	62.8 94.2
85 54.1	42.4 63.6
99 62.9	51.6 77.4



#56
Ethyl methacrylate
Concen: 52.885 ug/l
RT: 10.450 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion: 69	Resp: 85738
Ion Ratio	Lower Upper
69 100	
41 57.4	46.6 69.8
39 29.4	25.7 38.5





#57

1,3-Dichloropropane

Concen: 51.862 ug/l

RT: 10.731 min Scan# 1476

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

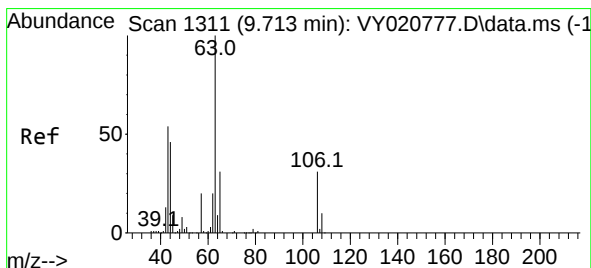
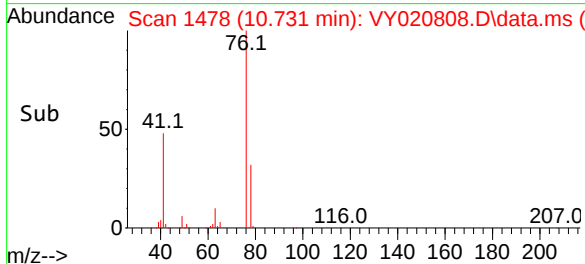
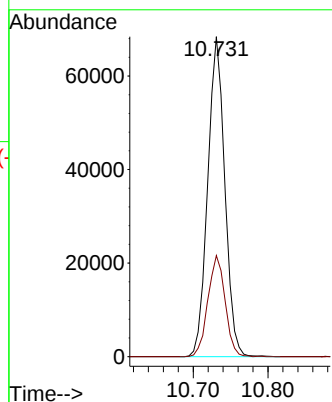
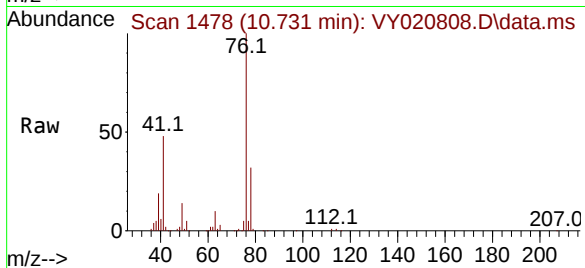
ClientSampleId :

Tgt Ion: 76 Resp: 108522

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 258.011 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY020808.D

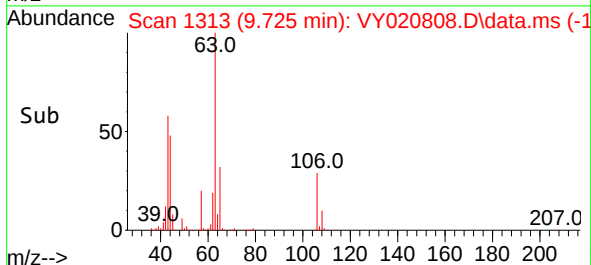
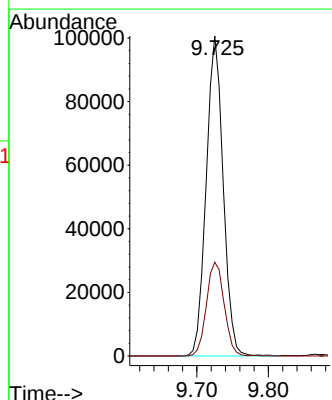
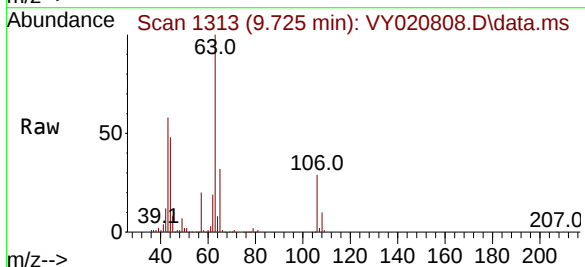
Acq: 08 Jan 2025 15:32

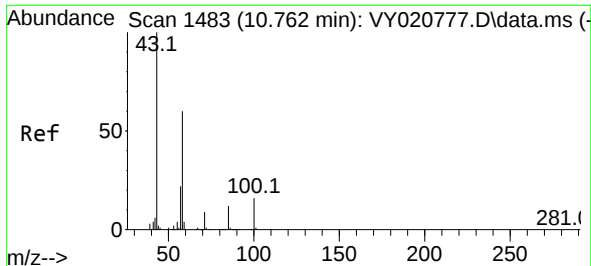
Tgt Ion: 63 Resp: 165941

Ion Ratio Lower Upper

63 100

106 30.6 25.9 38.9

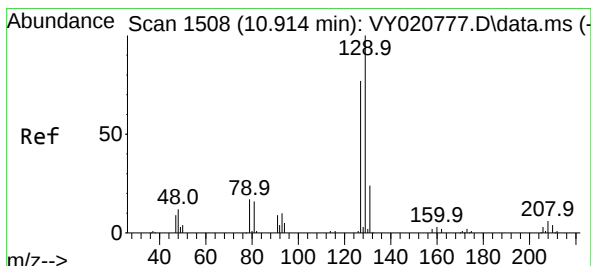
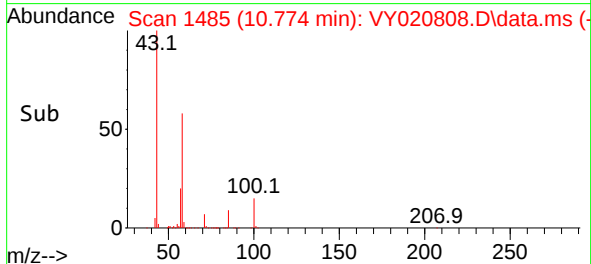
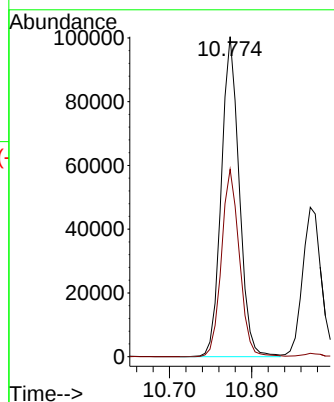
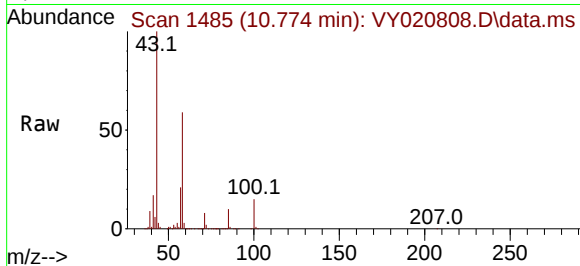




#59
2-Hexanone
Concen: 260.660 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

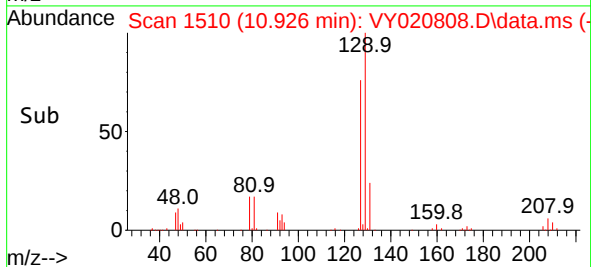
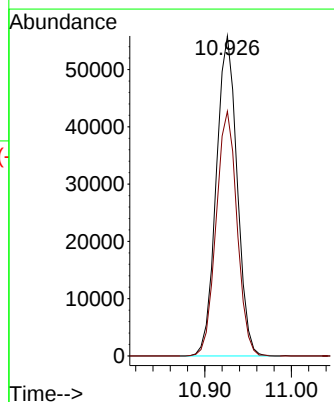
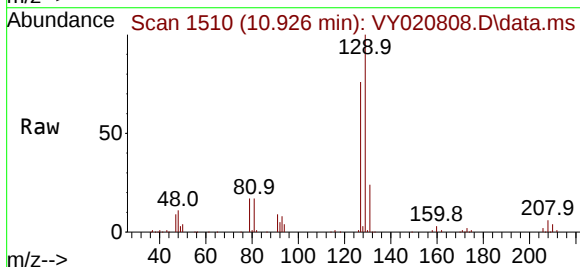
Instrument :
MSVOA_Y
ClientSampleId :

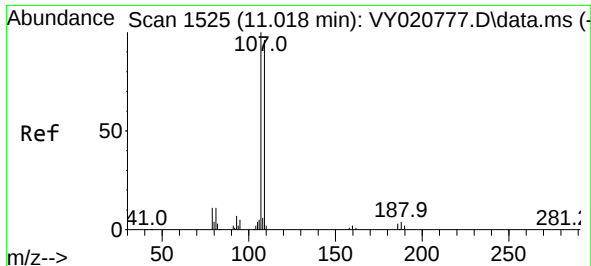
Tgt Ion: 43 Resp: 152080
Ion Ratio Lower Upper
43 100
58 58.6 30.6 92.0



#60
Dibromochloromethane
Concen: 50.181 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion:129 Resp: 93427
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9

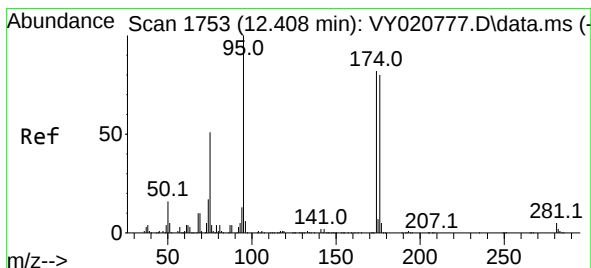
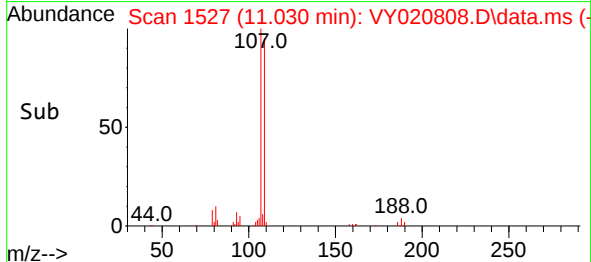
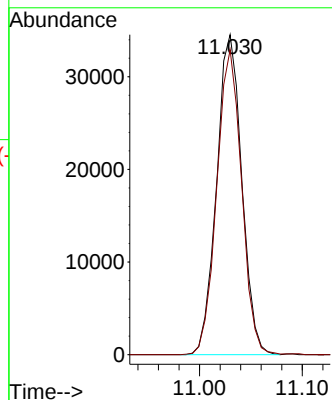
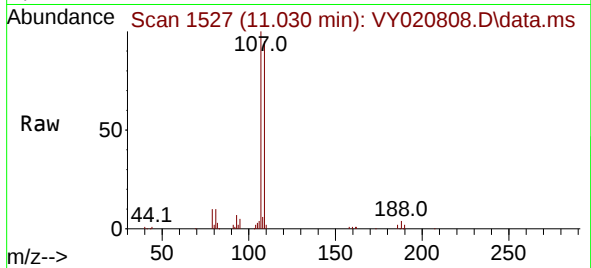




#61
1,2-Dibromoethane
Concen: 50.948 ug/l
RT: 11.030 min Scan# 1527
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

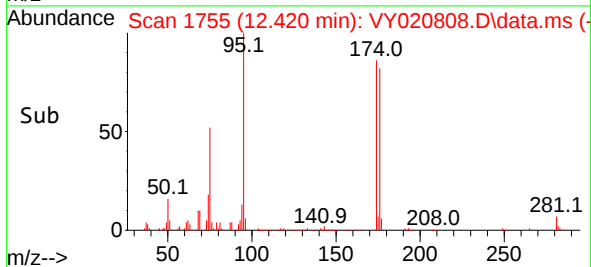
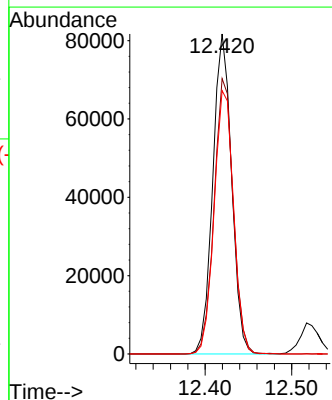
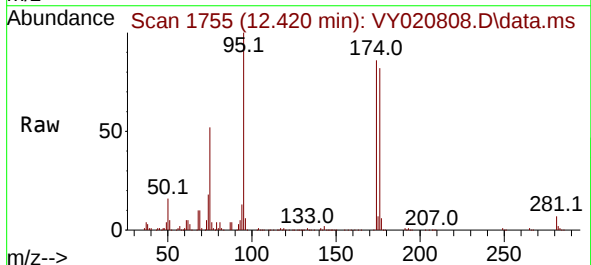
Instrument :
MSVOA_Y
ClientSampleId :

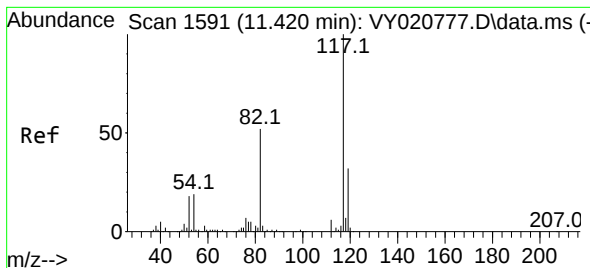
Tgt Ion:107 Resp: 58717
Ion Ratio Lower Upper
107 100
109 94.0 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 54.257 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion: 95 Resp: 123155
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.0
176 85.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. 0.012 min

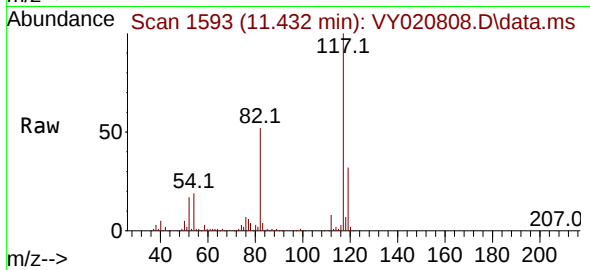
Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :



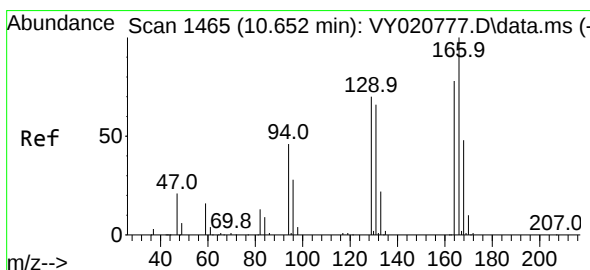
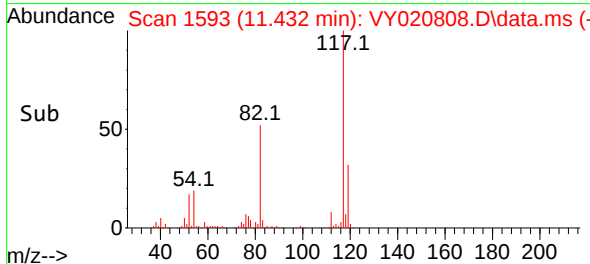
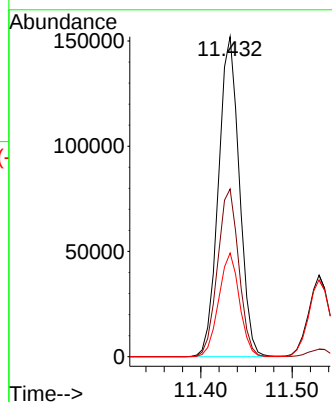
Tgt Ion:117 Resp: 241895

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

119 32.4 25.8 38.8



#64

Tetrachloroethene

Concen: 44.754 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Tgt Ion:164 Resp: 79593

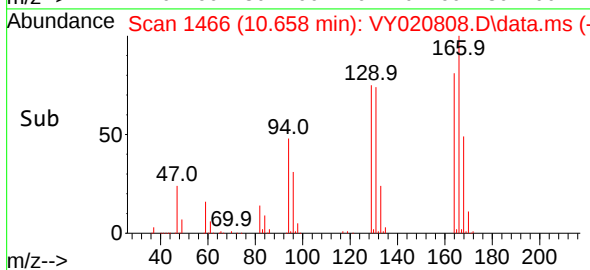
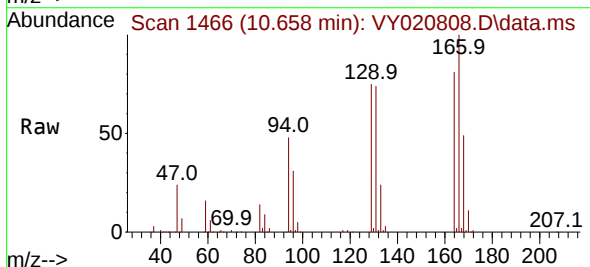
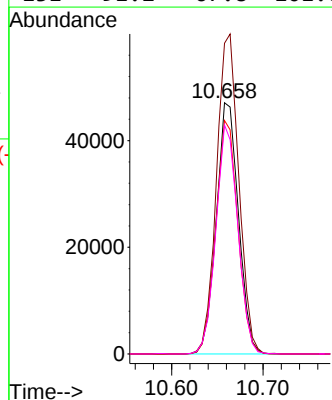
Ion Ratio Lower Upper

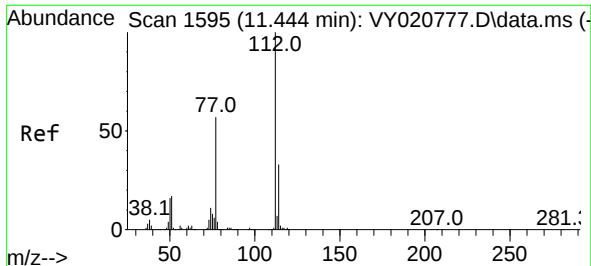
164 100

166 123.7 102.0 153.0

129 92.9 71.4 107.2

131 91.2 67.8 101.6

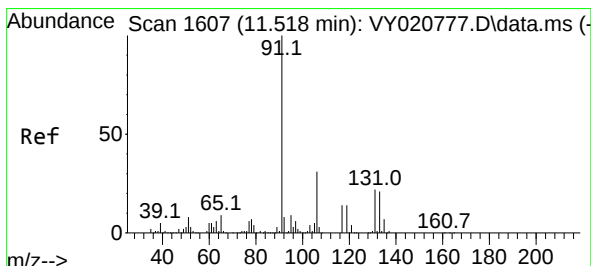
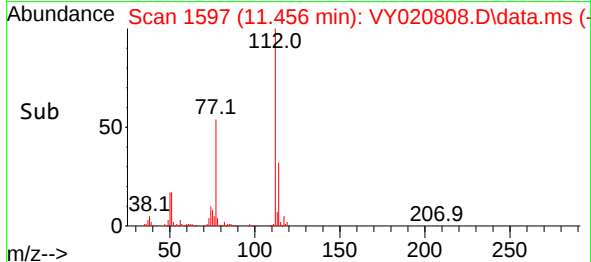
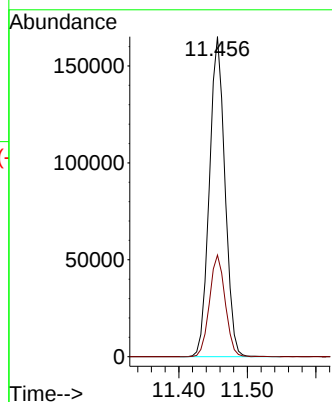
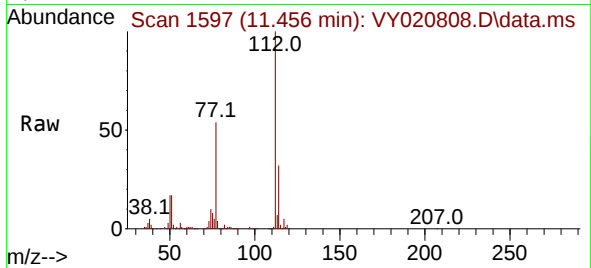




#65
Chlorobenzene
Concen: 48.681 ug/l
RT: 11.456 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

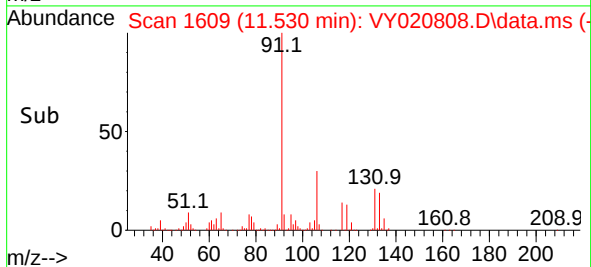
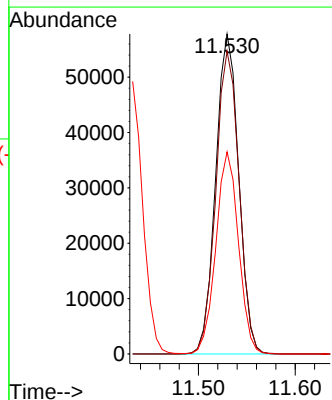
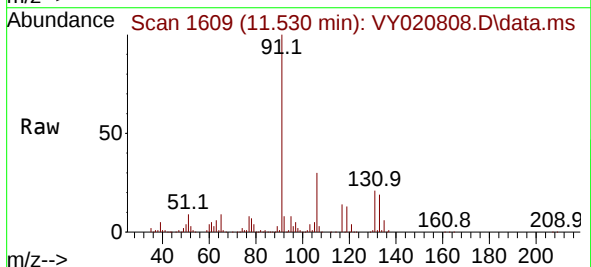
Instrument :
MSVOA_Y
ClientSampleId :

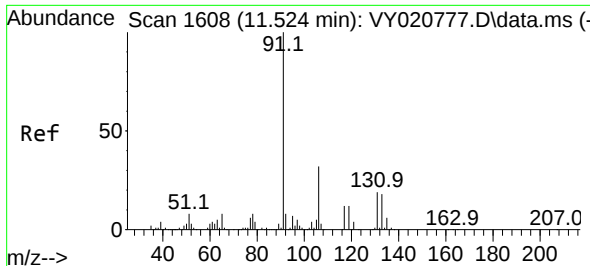
Tgt Ion:112 Resp: 260357
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 46.843 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion:131 Resp: 95373
Ion Ratio Lower Upper
131 100
133 95.6 46.9 140.8
119 62.2 30.2 90.6





#67

Ethyl Benzene

Concen: 48.061 ug/l

RT: 11.536 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

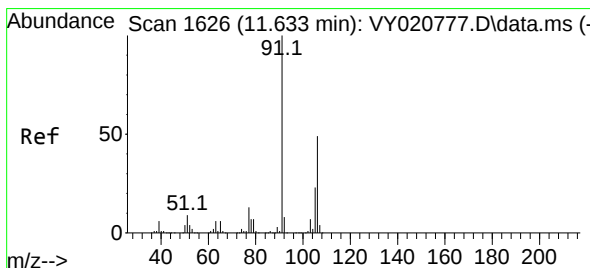
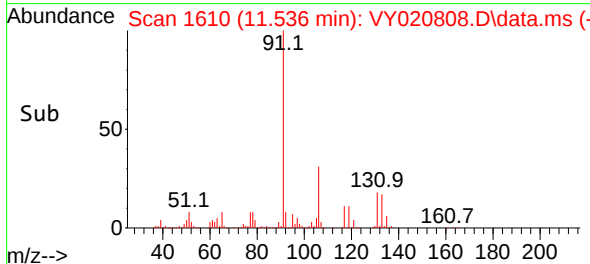
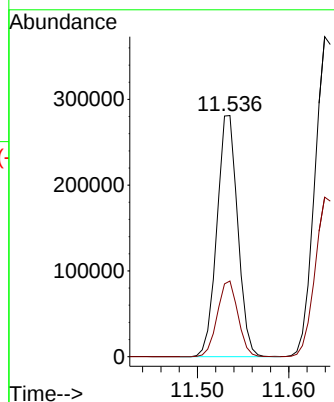
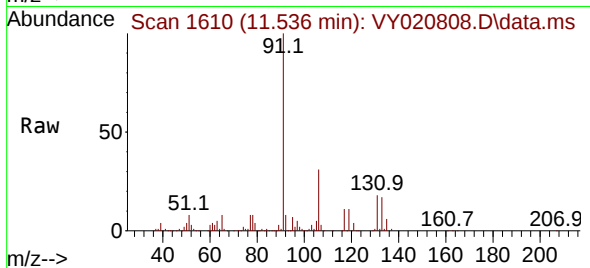
ClientSampleId :

Tgt Ion: 91 Resp: 445028

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 95.265 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020808.D

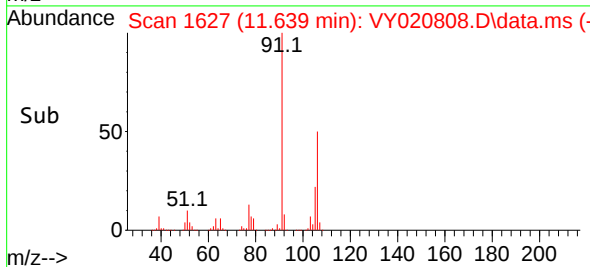
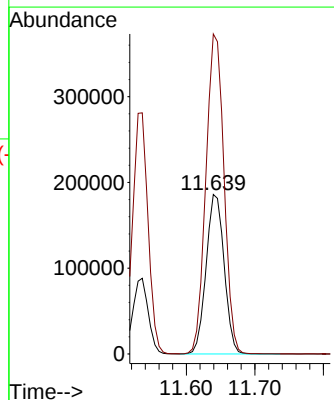
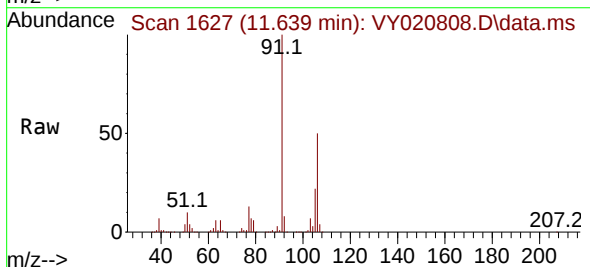
Acq: 08 Jan 2025 15:32

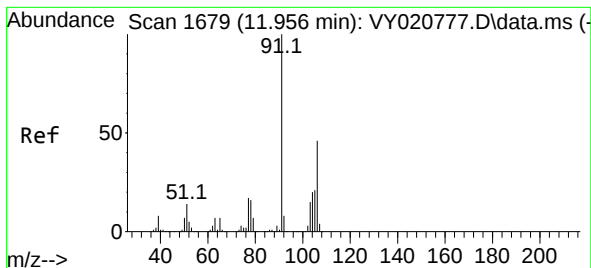
Tgt Ion:106 Resp: 339629

Ion Ratio Lower Upper

106 100

91 201.6 162.6 243.8





#69

o-Xylene

Concen: 48.877 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

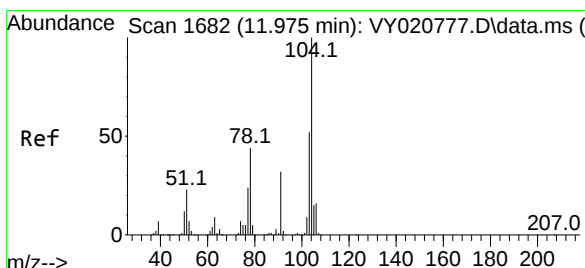
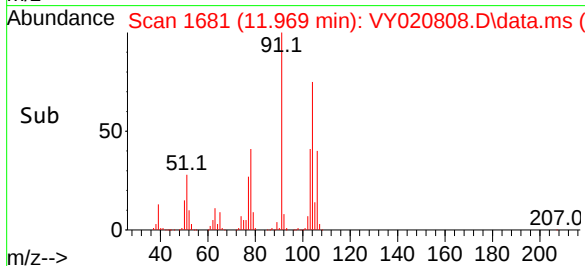
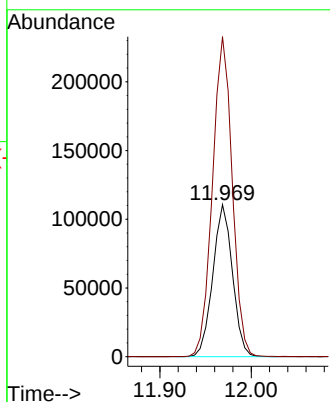
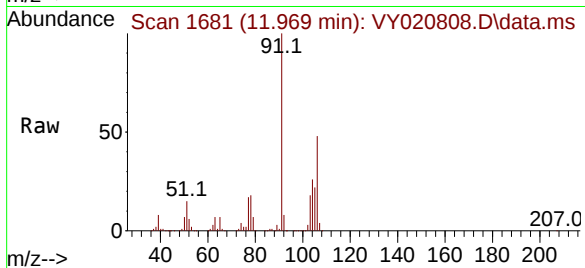
ClientSampleId :

Tgt Ion:106 Resp: 165215

Ion Ratio Lower Upper

106 100

91 211.5 108.2 324.6



#70

Styrene

Concen: 48.983 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

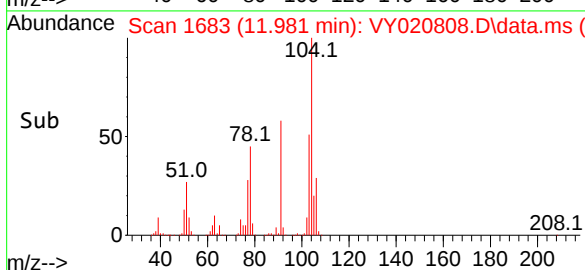
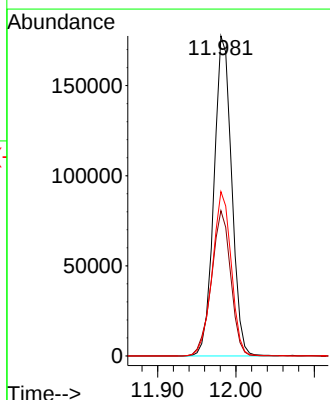
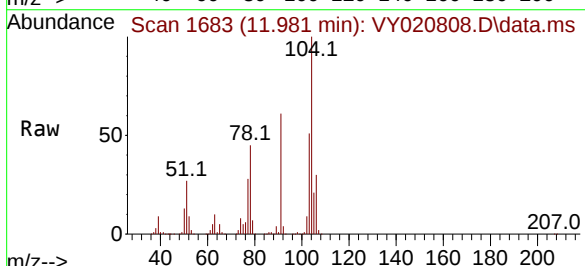
Tgt Ion:104 Resp: 278716

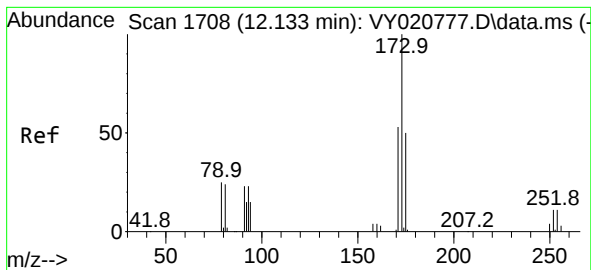
Ion Ratio Lower Upper

104 100

78 49.3 39.4 59.2

103 54.9 44.0 66.0





#71

Bromoform

Concen: 47.469 ug/l

RT: 12.145 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

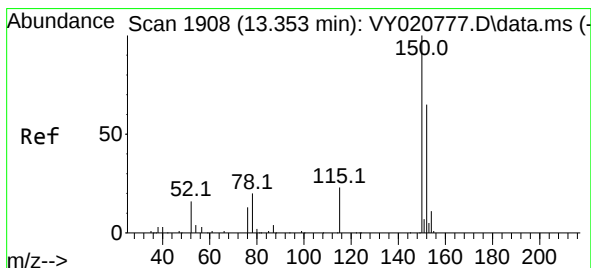
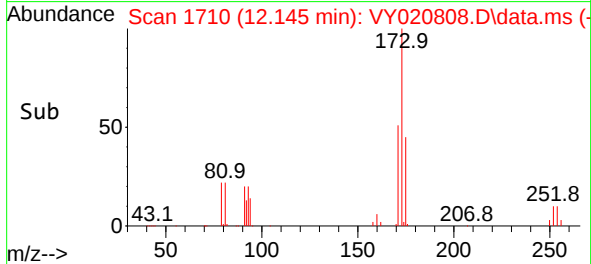
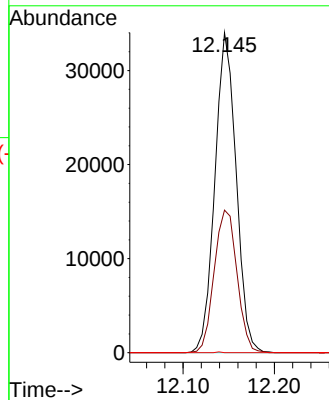
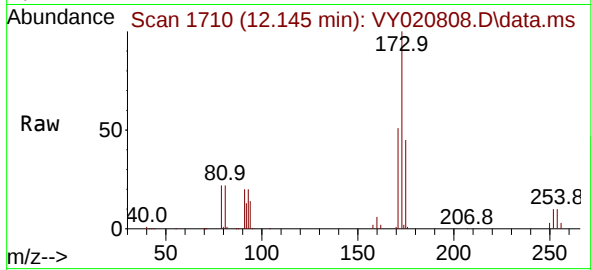
Tgt Ion:173 Resp: 54942

Ion Ratio Lower Upper

173 100

175 47.8 24.2 72.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

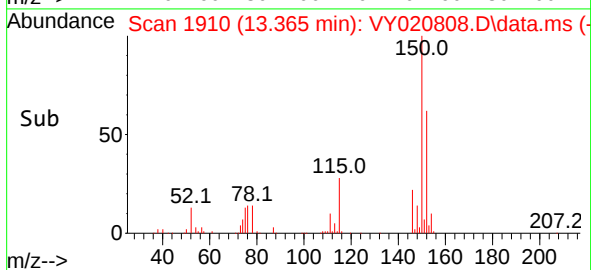
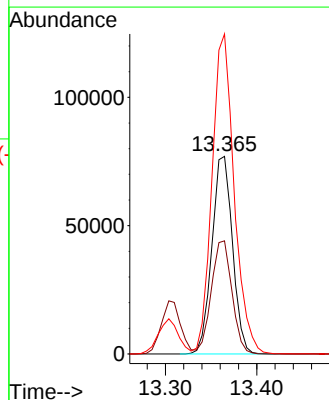
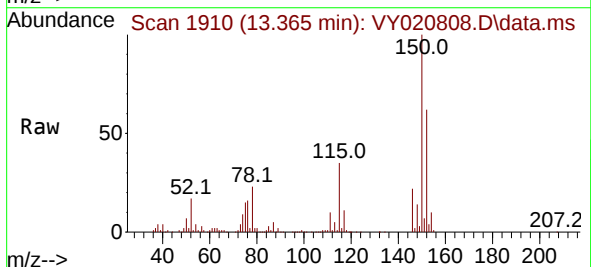
Tgt Ion:152 Resp: 120542

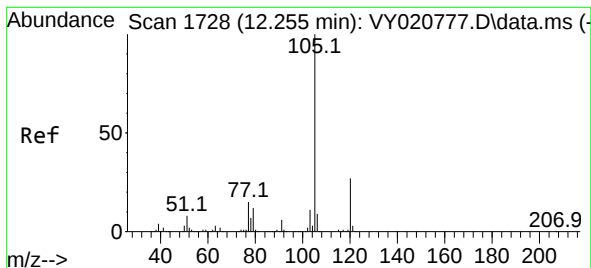
Ion Ratio Lower Upper

152 100

115 57.1 29.0 87.0

150 174.0 0.0 347.4





#73

Isopropylbenzene

Concen: 45.771 ug/l

RT: 12.267 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

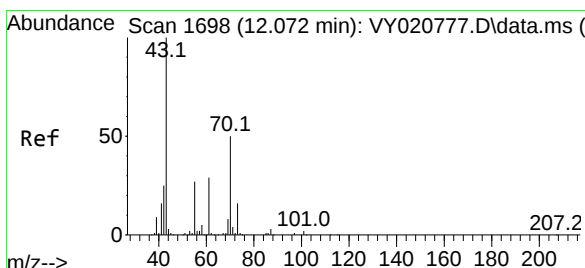
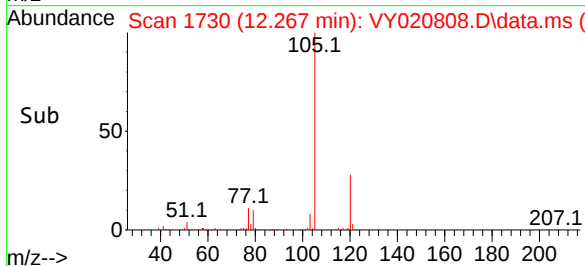
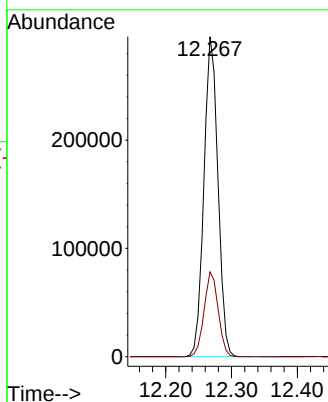
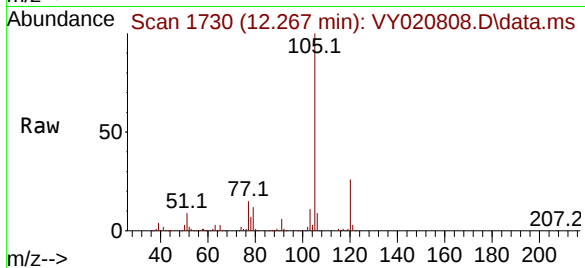
ClientSampleId :

Tgt Ion:105 Resp: 437700

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 50.076 ug/l

RT: 12.084 min Scan# 1700

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Tgt Ion: 43 Resp: 78330

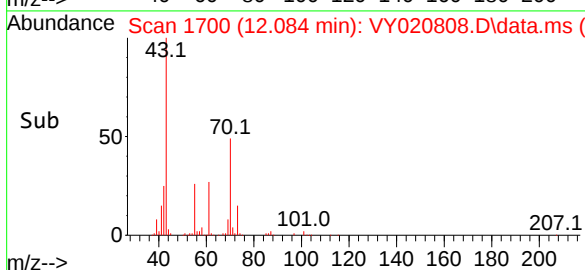
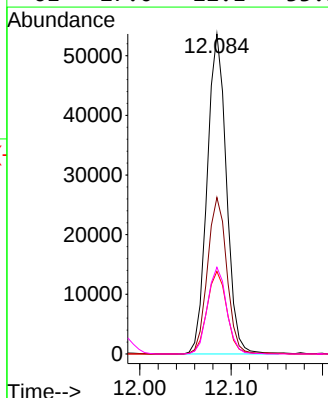
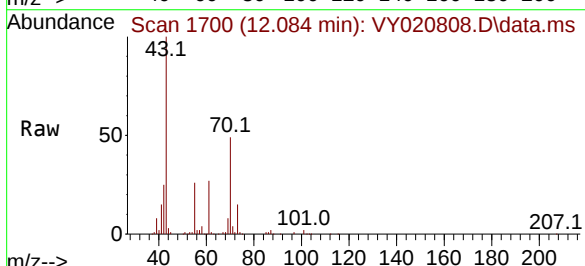
Ion Ratio Lower Upper

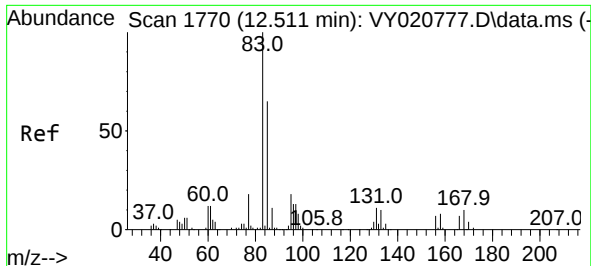
43 100

70 49.0 40.2 60.4

55 26.6 21.2 31.8

61 27.0 22.1 33.1

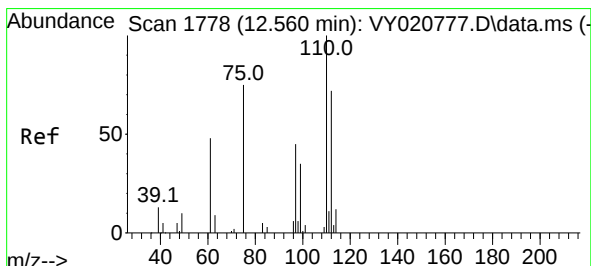
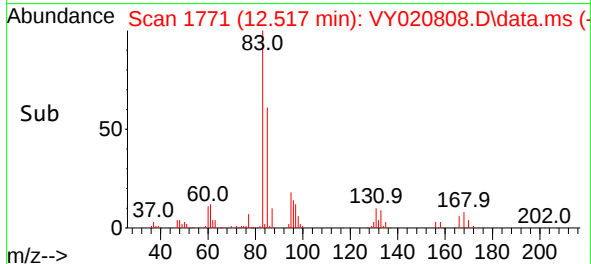
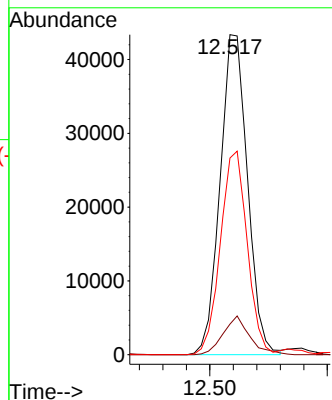
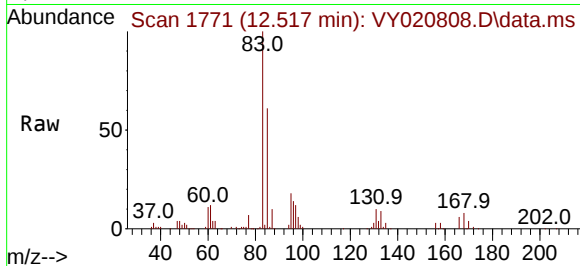




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.502 ug/l
 RT: 12.517 min Scan# 1770
 Delta R.T. 0.006 min
 Lab File: VY020808.D
 Acq: 08 Jan 2025 15:32

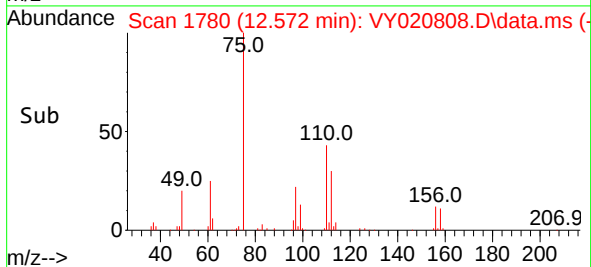
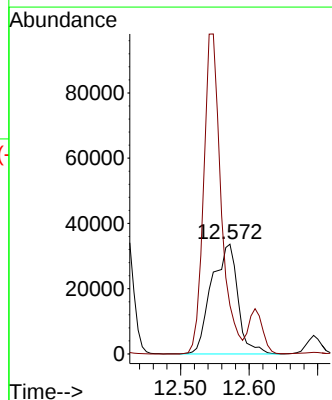
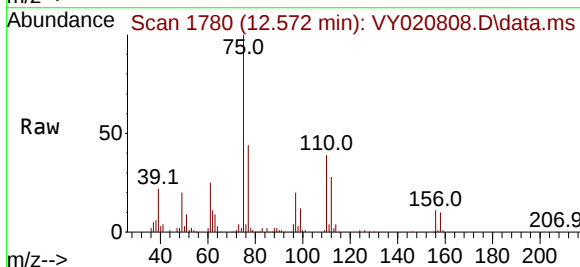
Instrument :
 MSVOA_Y
 ClientSampleId :

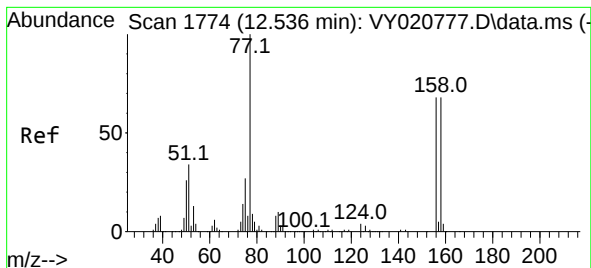
Tgt Ion: 83 Resp: 70298
 Ion Ratio Lower Upper
 83 100
 131 11.6 6.0 18.0
 85 62.2 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 84.738 ug/l
 RT: 12.572 min Scan# 1780
 Delta R.T. 0.012 min
 Lab File: VY020808.D
 Acq: 08 Jan 2025 15:32

Tgt Ion: 75 Resp: 89375
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.844 ug/l

RT: 12.548 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

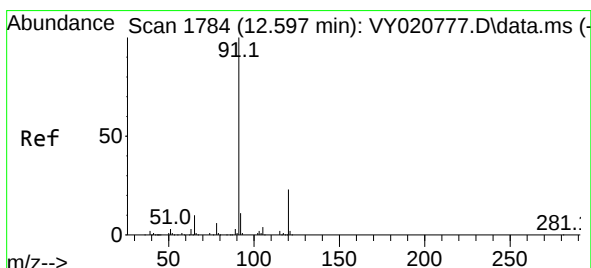
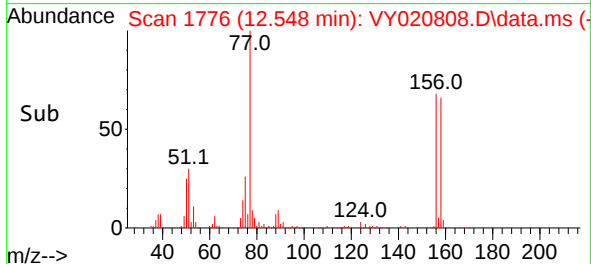
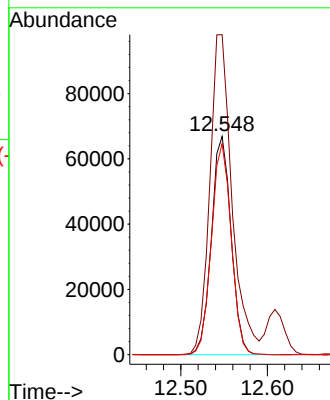
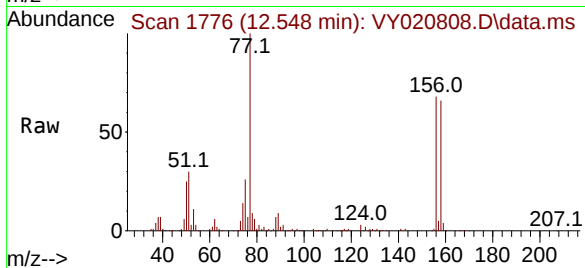
Tgt Ion:156 Resp: 105485

Ion Ratio Lower Upper

156 100

77 165.8 82.3 247.0

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 46.072 ug/l

RT: 12.609 min Scan# 1786

Delta R.T. 0.012 min

Lab File: VY020808.D

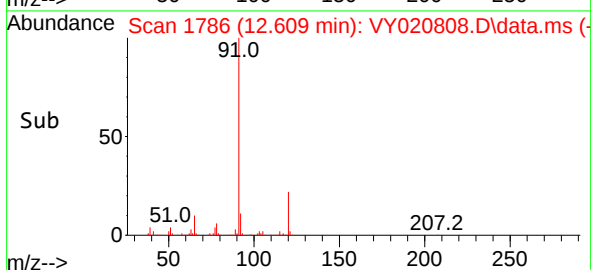
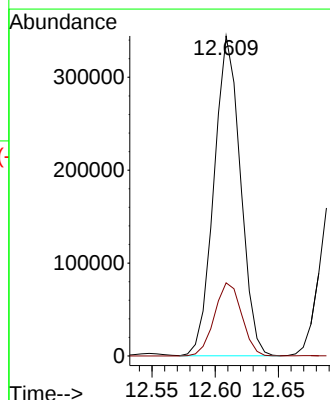
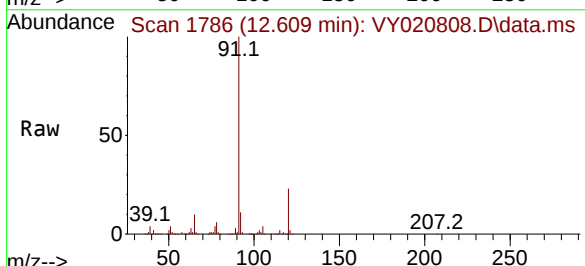
Acq: 08 Jan 2025 15:32

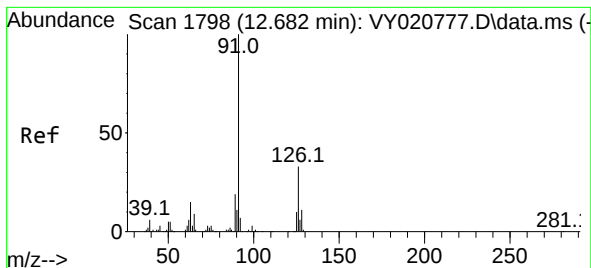
Tgt Ion: 91 Resp: 500074

Ion Ratio Lower Upper

91 100

120 23.5 12.0 36.1

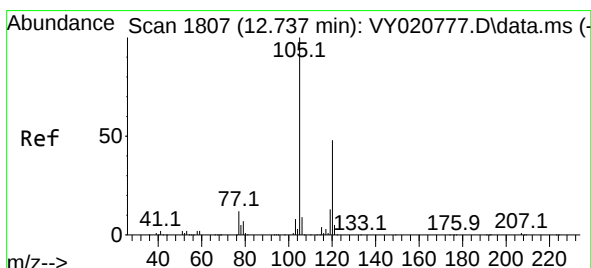
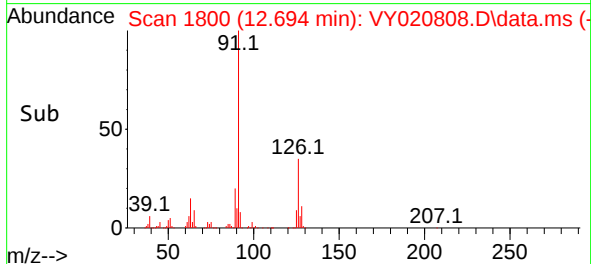
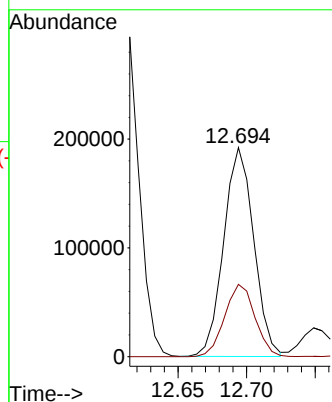
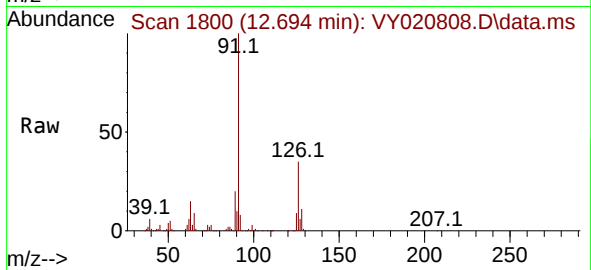




#79
2-Chlorotoluene
Concen: 46.913 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

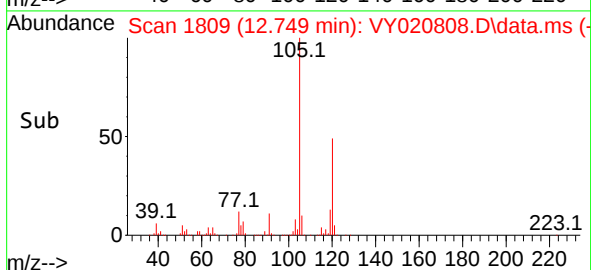
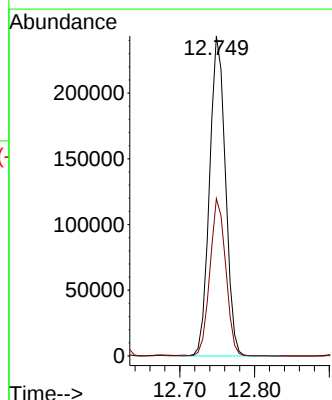
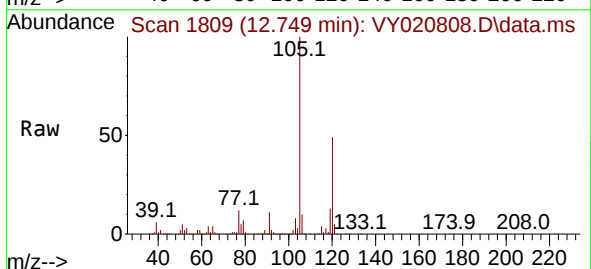
Instrument :
MSVOA_Y
ClientSampleId :

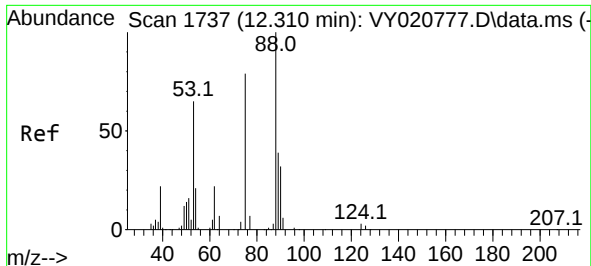
Tgt Ion: 91 Resp: 293232
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 46.370 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion: 105 Resp: 359362
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5

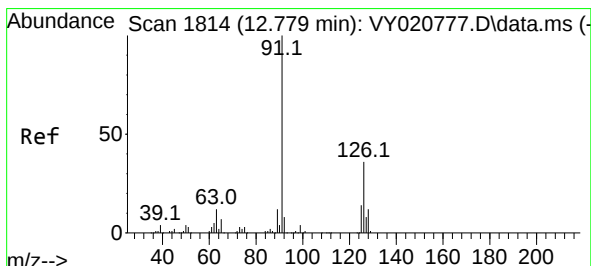
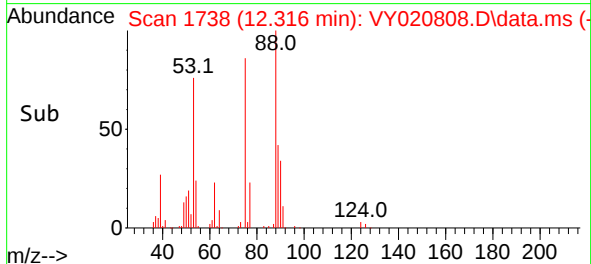
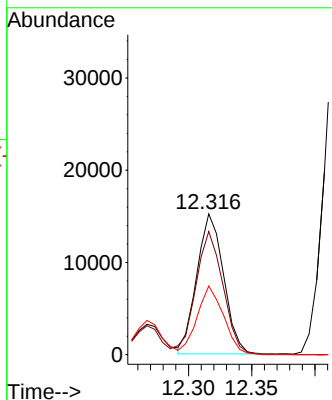
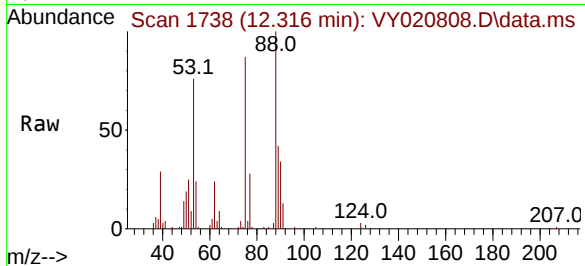




#81
trans-1,4-Dichloro-2-butene
Concen: 44.731 ug/l
RT: 12.316 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

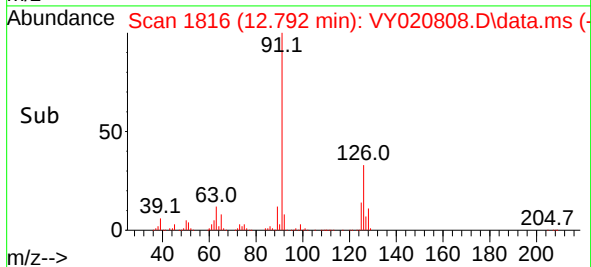
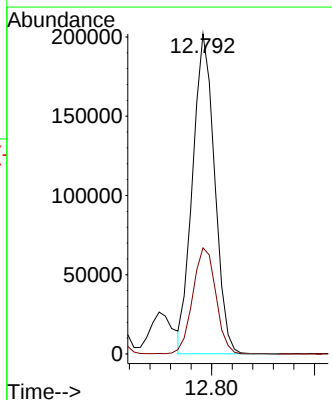
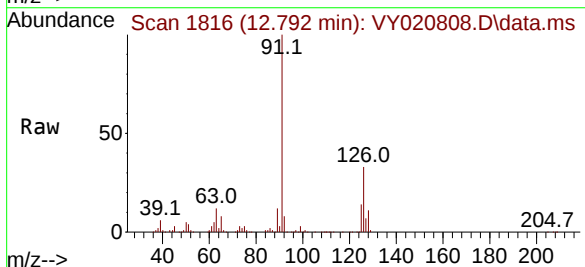
Instrument :
MSVOA_Y
ClientSampleId :

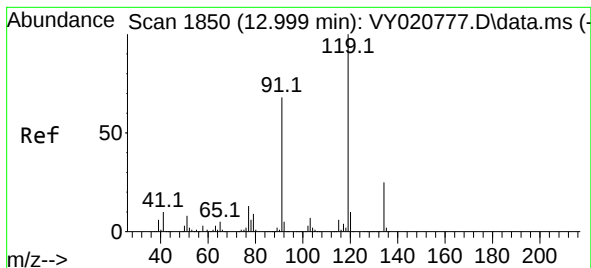
Tgt Ion: 75 Resp: 22375
Ion Ratio Lower Upper
75 100
53 90.4 69.4 104.0
89 48.7 39.6 59.4



#82
4-Chlorotoluene
Concen: 46.528 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion: 91 Resp: 300135
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7





#83

tert-Butylbenzene

Concen: 44.847 ug/l

RT: 13.011 min Scan# 1850

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

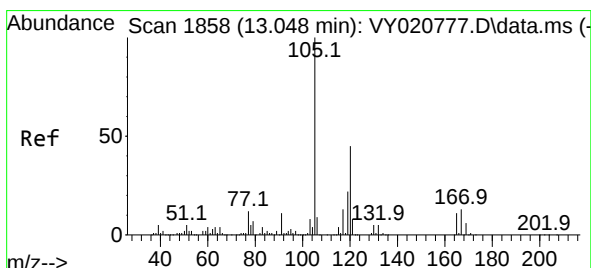
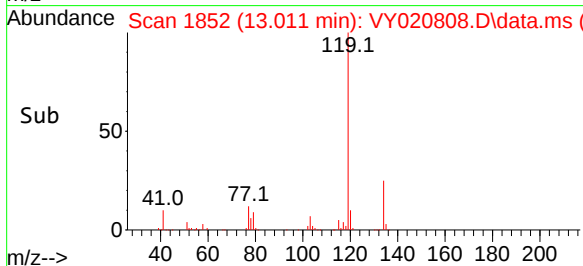
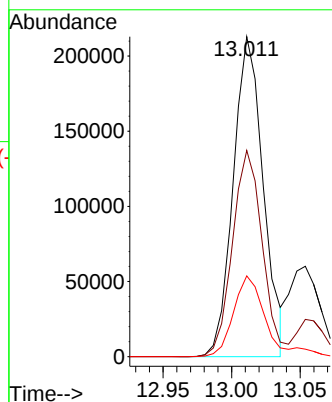
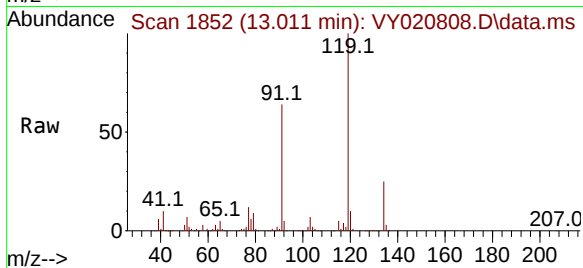
Tgt Ion:119 Resp: 325068

Ion Ratio Lower Upper

119 100

91 64.2 33.0 98.9

134 27.3 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 47.157 ug/l

RT: 13.060 min Scan# 1860

Delta R.T. 0.012 min

Lab File: VY020808.D

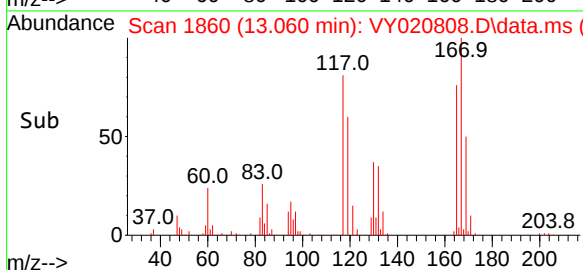
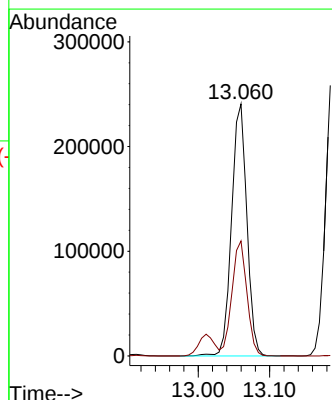
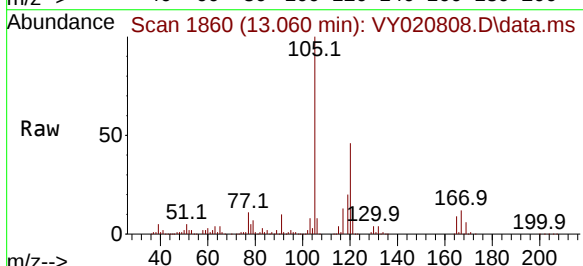
Acq: 08 Jan 2025 15:32

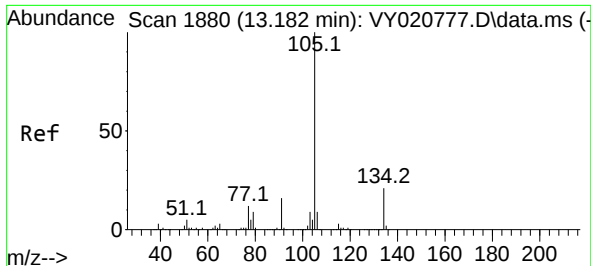
Tgt Ion:105 Resp: 356883

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.2

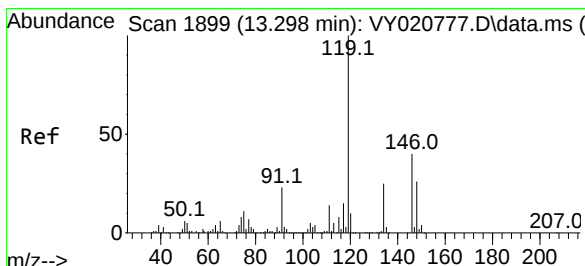
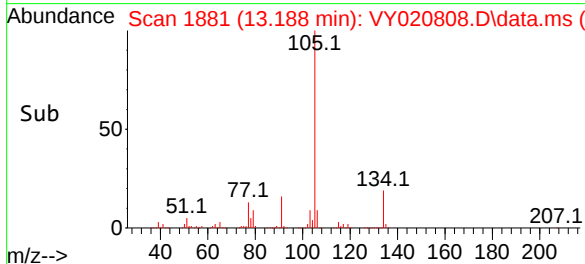
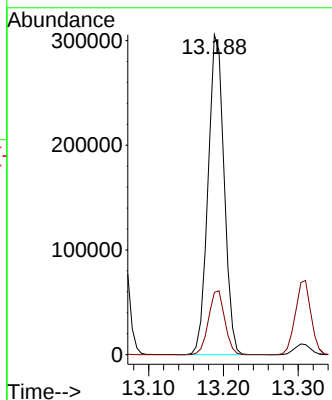
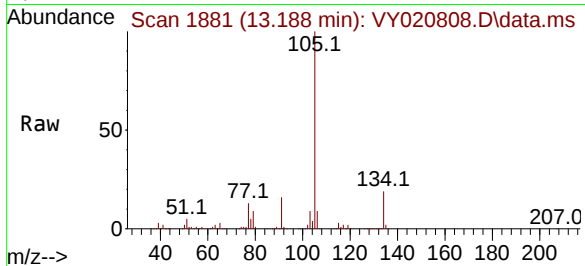




#85
 sec-Butylbenzene
 Concen: 45.057 ug/l
 RT: 13.188 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020808.D
 Acq: 08 Jan 2025 15:32

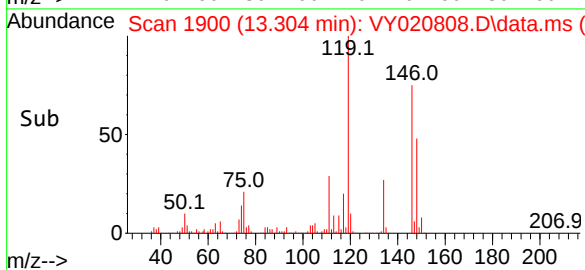
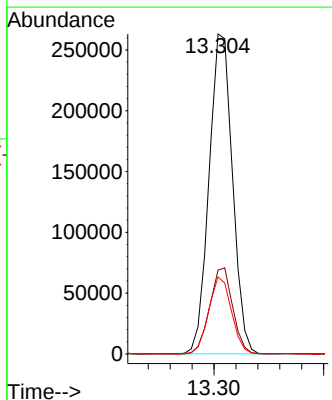
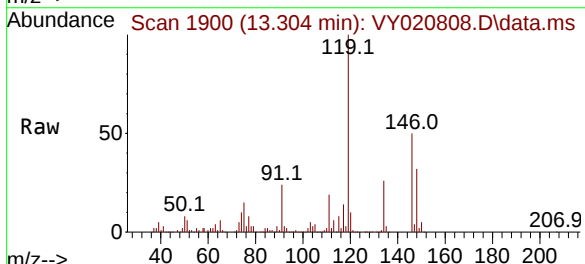
Instrument :
 MSVOA_Y
 ClientSampleId :

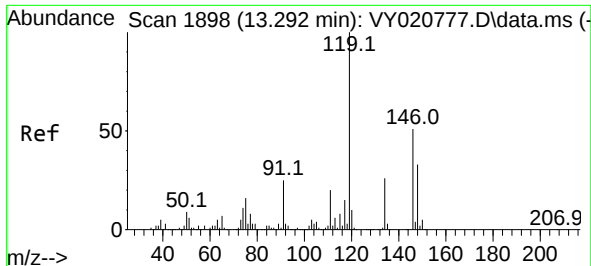
Tgt Ion:105 Resp: 456181
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 45.223 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY020808.D
 Acq: 08 Jan 2025 15:32

Tgt Ion:119 Resp: 390583
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.793 ug/l

RT: 13.304 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

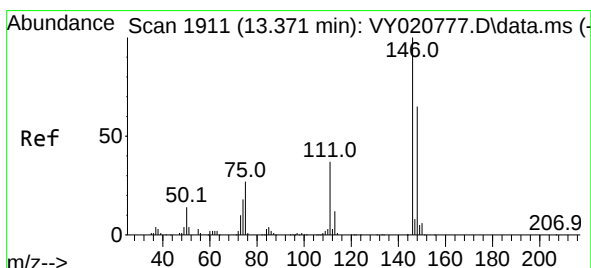
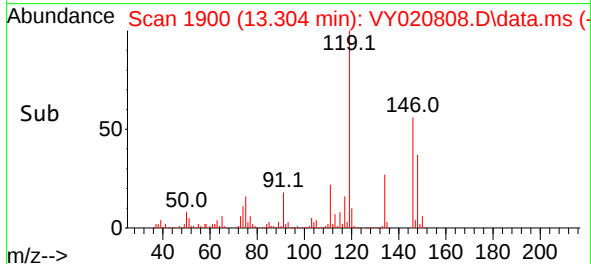
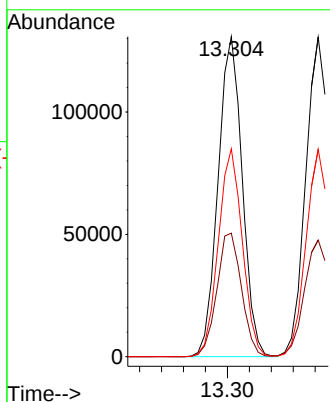
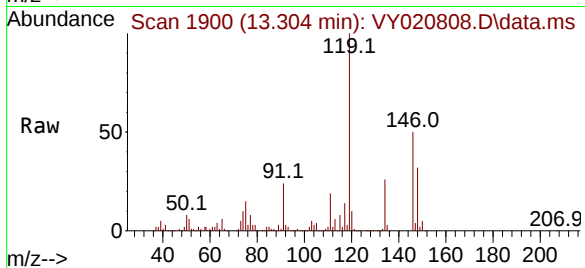
Tgt Ion:146 Resp: 200461

Ion Ratio Lower Upper

146 100

111 39.4 19.5 58.5

148 64.4 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 46.837 ug/l

RT: 13.383 min Scan# 1913

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

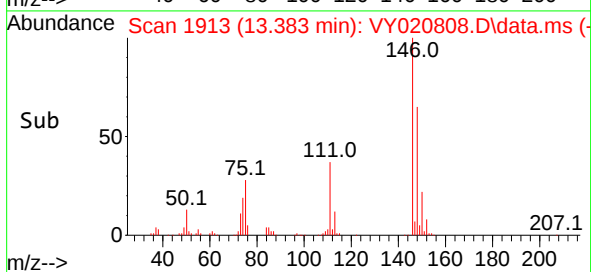
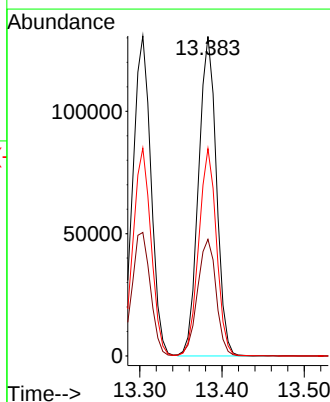
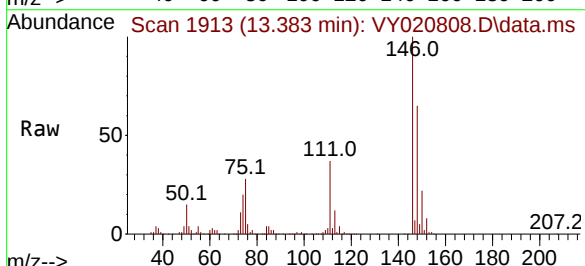
Tgt Ion:146 Resp: 197511

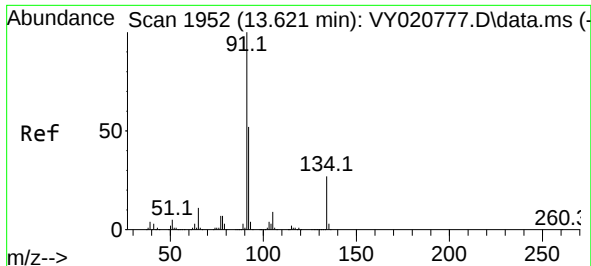
Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.3

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 46.472 ug/l

RT: 13.633 min Scan# 1954

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

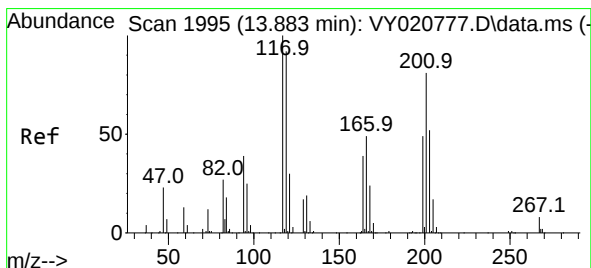
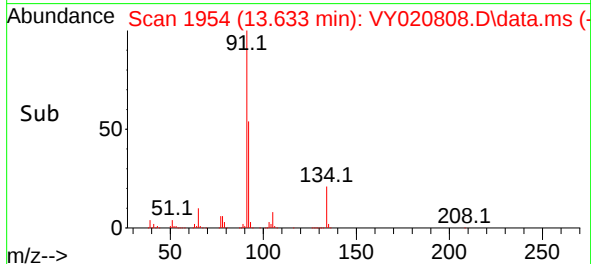
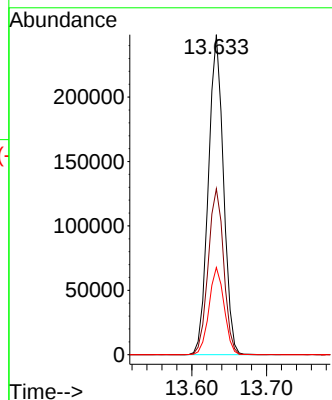
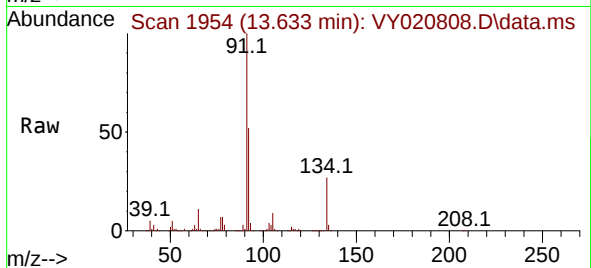
Tgt Ion: 91 Resp: 348208

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.4

134 27.3 13.8 41.4



#90

Hexachloroethane

Concen: 44.648 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.012 min

Lab File: VY020808.D

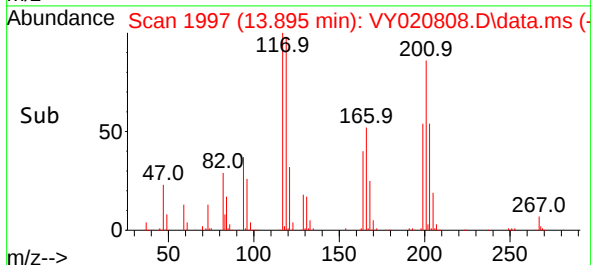
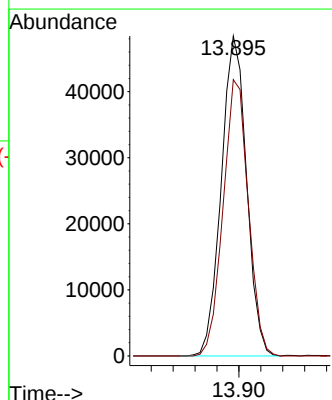
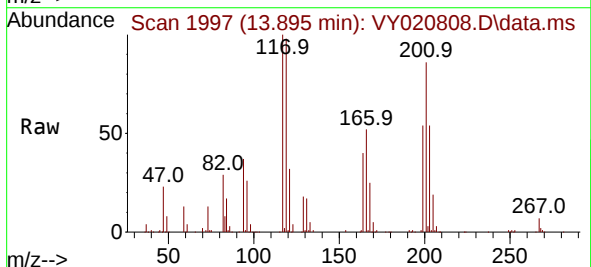
Acq: 08 Jan 2025 15:32

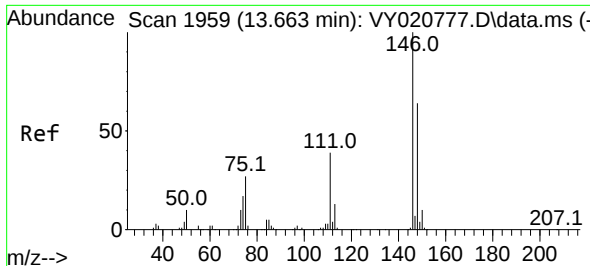
Tgt Ion: 117 Resp: 77431

Ion Ratio Lower Upper

117 100

201 86.1 42.9 128.7

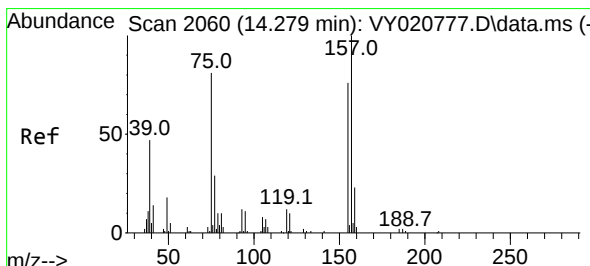
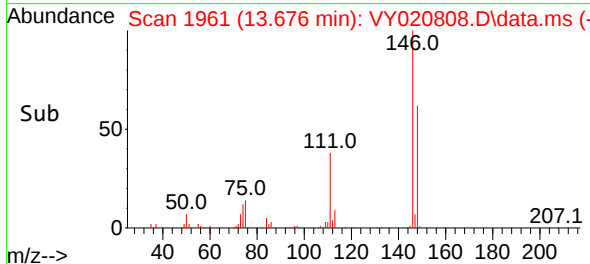
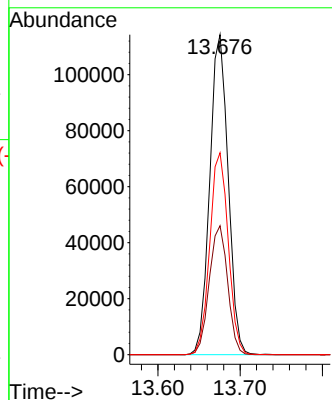
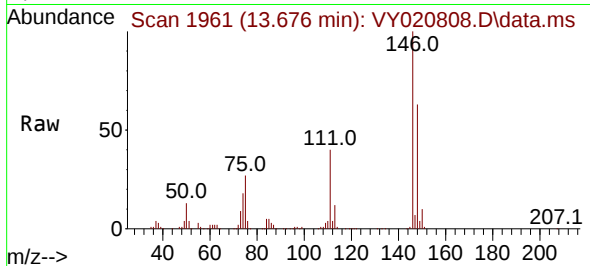




#91
1,2-Dichlorobenzene
Concen: 47.333 ug/l
RT: 13.676 min Scan# 1959
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

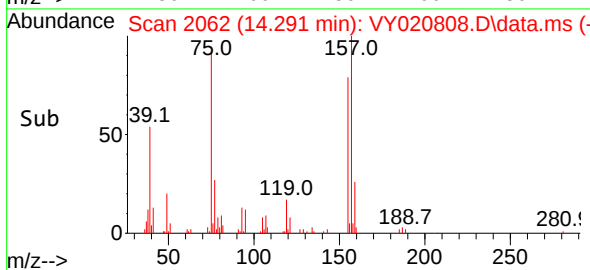
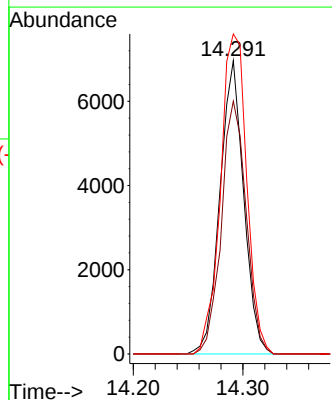
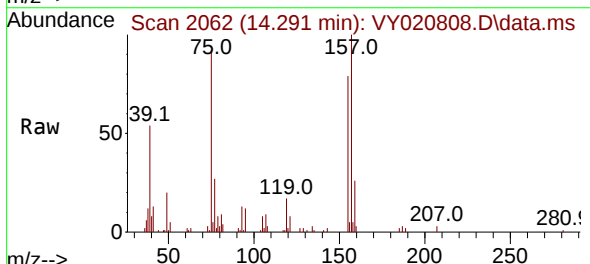
Instrument :
MSVOA_Y
ClientSampleId :

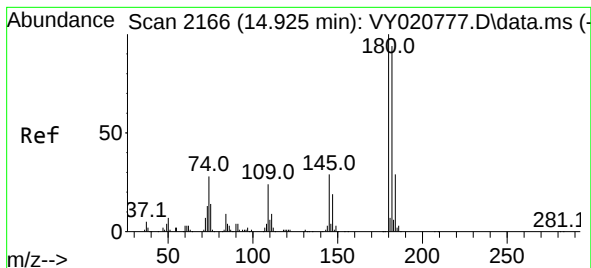
Tgt Ion:146 Resp: 177295
Ion Ratio Lower Upper
146 100
111 40.5 20.0 60.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.732 ug/l
RT: 14.291 min Scan# 2062
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion: 75 Resp: 10483
Ion Ratio Lower Upper
75 100
155 89.7 45.5 136.5
157 120.6 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 49.431 ug/l

RT: 14.937 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

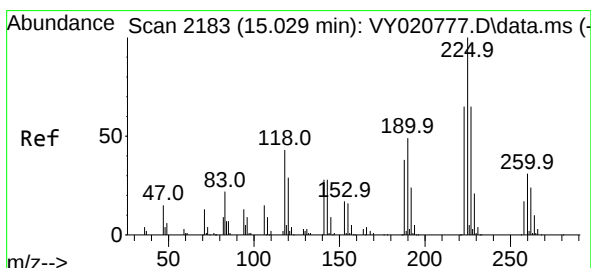
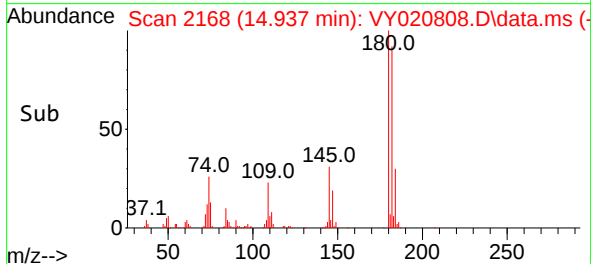
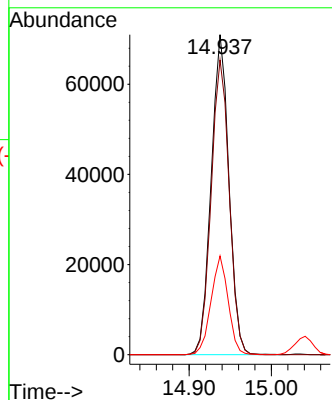
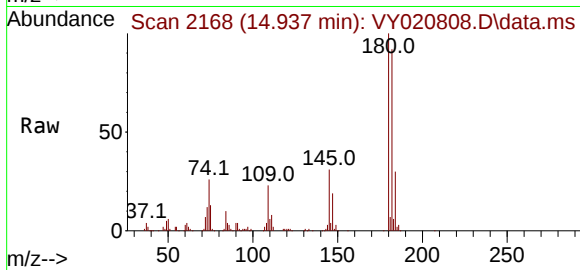
Tgt Ion:180 Resp: 106554

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.9

145 29.7 15.0 45.1



#94

Hexachlorobutadiene

Concen: 46.397 ug/l

RT: 15.041 min Scan# 2185

Delta R.T. 0.012 min

Lab File: VY020808.D

Acq: 08 Jan 2025 15:32

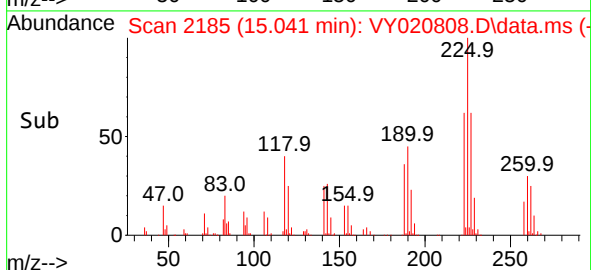
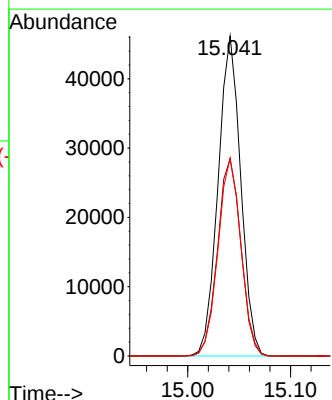
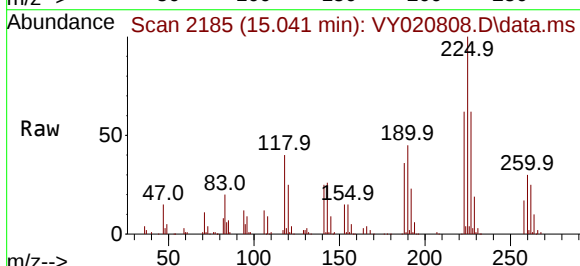
Tgt Ion:225 Resp: 70507

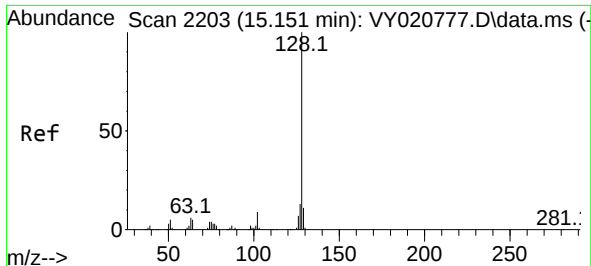
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 62.7 32.2 96.6

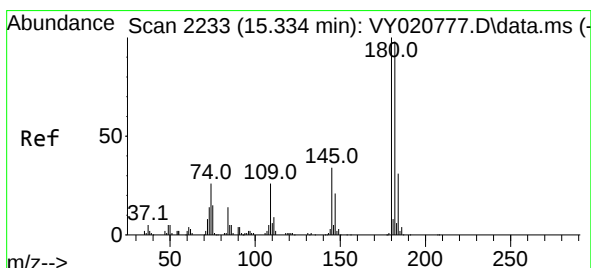
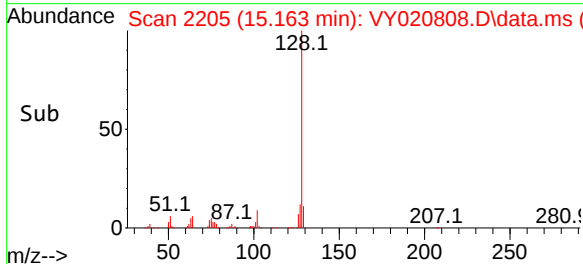
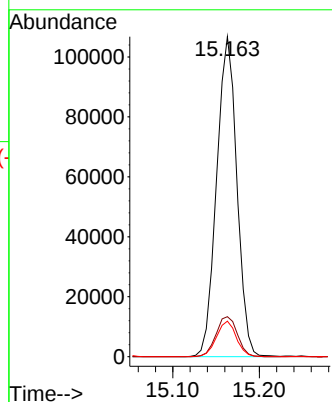
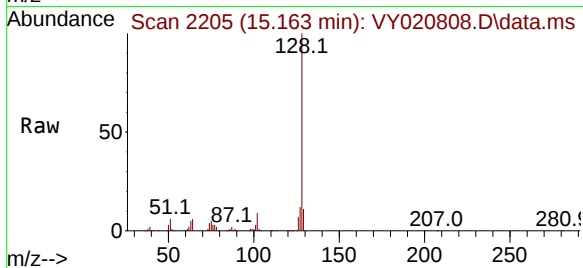




#95
Naphthalene
Concen: 48.951 ug/l
RT: 15.163 min Scan# 2205
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 173671
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.041 ug/l
RT: 15.346 min Scan# 2235
Delta R.T. 0.012 min
Lab File: VY020808.D
Acq: 08 Jan 2025 15:32

Tgt Ion:180 Resp: 86761
Ion Ratio Lower Upper
180 100
182 97.1 48.1 144.3
145 31.5 16.1 48.2

