

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
 Data File : VY020791.D
 Acq On : 07 Jan 2025 14:09
 Operator : SY/MD
 Sample : VY0107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 00:52:47 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	7.731	168	208320	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.634	114	304440	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	244590	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.365	152	116921	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	74782	42.234	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.460%
35) Dibromofluoromethane	7.658	113	82452	43.230	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.460%
50) Toluene-d8	10.121	98	322668	48.530	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.420	95	101785	41.455	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	26554	17.369	ug/l	99
3) Chloromethane	2.086	50	15460	19.205	ug/l	99
4) Vinyl Chloride	2.226	62	17145	19.159	ug/l	99
5) Bromomethane	2.616	94	11433	17.938	ug/l	100
6) Chloroethane	2.757	64	10799	19.567	ug/l	92
7) Trichlorofluoromethane	3.086	101	49490	18.019	ug/l	97
8) Diethyl Ether	3.476	74	13699	15.950	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.842	101	33303	17.956	ug/l	99
10) Methyl Iodide	4.031	142	34304	17.259	ug/l	98
11) Tert butyl alcohol	4.903	59	8578	64.113	ug/l #	92
12) 1,1-Dichloroethene	3.811	96	28932	17.809	ug/l	92
13) Acrolein	3.683	56	3530	93.949	ug/l	93
14) Allyl chloride	4.415	41	41758	17.817	ug/l	96
15) Acrylonitrile	5.092	53	27122	74.301	ug/l	99
16) Acetone	3.897	43	19117	75.924	ug/l	94
17) Carbon Disulfide	4.141	76	57339	16.270	ug/l	97
18) Methyl Acetate	4.415	43	13244	15.578	ug/l	95
19) Methyl tert-butyl Ether	5.140	73	71551	15.606	ug/l	98
20) Methylene Chloride	4.647	84	30199	17.367	ug/l	96
21) trans-1,2-Dichloroethene	5.146	96	30996	17.326	ug/l	97
22) Diisopropyl ether	6.043	45	89900	18.006	ug/l	94
23) Vinyl Acetate	5.988	43	222404	80.792	ug/l	99
24) 1,1-Dichloroethane	5.945	63	58449	17.744	ug/l	98
25) 2-Butanone	6.914	43	30440	73.596	ug/l	95
26) 2,2-Dichloropropane	6.914	77	60278	17.625	ug/l	99
27) cis-1,2-Dichloroethene	6.914	96	38150	16.902	ug/l	96
28) Bromochloromethane	7.268	49	14433	16.238	ug/l	96
29) Tetrahydrofuran	7.286	42	19177	72.582	ug/l	97
30) Chloroform	7.439	83	64402	17.144	ug/l	97
31) Cyclohexane	7.725	56	45659	17.721	ug/l	96
32) 1,1,1-Trichloroethane	7.640	97	64135	17.504	ug/l	99
36) 1,1-Dichloropropene	7.853	75	43843	18.022	ug/l	99
37) Ethyl Acetate	7.006	43	14304	14.775	ug/l	99
38) Carbon Tetrachloride	7.835	117	59819	17.665	ug/l	98
39) Methylcyclohexane	9.127	83	53036	17.766	ug/l	95
40) Benzene	8.097	78	132124	17.696	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	8868	15.995	ug/l	97
42) 1,2-Dichloroethane	8.176	62	33601	16.479	ug/l	100
43) Isopropyl Acetate	8.213	43	29897	15.183	ug/l	97
44) Trichloroethene	8.884	130	36288	17.434	ug/l	98
45) 1,2-Dichloropropane	9.158	63	30690	18.131	ug/l	99
46) Dibromomethane	9.249	93	16007	16.468	ug/l	97
47) Bromodichloromethane	9.438	83	47083	16.914	ug/l	97
48) Methyl methacrylate	9.237	41	12713	14.401	ug/l	95
49) 1,4-Dioxane	9.249	88	3081	298.550	ug/l	97
51) 4-Methyl-2-Pentanone	10.011	43	71205	72.382	ug/l	99
52) Toluene	10.188	92	88054	17.809	ug/l	99
53) t-1,3-Dichloropropene	10.408	75	40331	16.290	ug/l	100
54) cis-1,3-Dichloropropene	9.871	75	47416	16.490	ug/l	98
55) 1,1,2-Trichloroethane	10.585	97	22314	16.069	ug/l	96
56) Ethyl methacrylate	10.450	69	26886	15.331	ug/l	96
57) 1,3-Dichloropropane	10.731	76	36828	16.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	49968	71.824	ug/l	99
59) 2-Hexanone	10.774	43	44637	70.727	ug/l	98
60) Dibromochloromethane	10.926	129	32748	16.261	ug/l	99
61) 1,2-Dibromoethane	11.030	107	19922	15.980	ug/l	99
64) Tetrachloroethene	10.658	164	32475	18.059	ug/l	98
65) Chlorobenzene	11.456	112	96708	17.883	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.529	131	35681	17.332	ug/l	96
67) Ethyl Benzene	11.536	91	170957	18.259	ug/l	100
68) m/p-Xylenes	11.639	106	129760	35.996	ug/l	99
69) o-Xylene	11.968	106	62763	18.363	ug/l	96
70) Styrene	11.981	104	101727	17.681	ug/l	100
71) Bromoform	12.145	173	18362	15.690	ug/l #	100
73) Isopropylbenzene	12.267	105	173754	18.732	ug/l	100
74) N-amyl acetate	12.084	43	23819	15.699	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.523	83	23110	16.438	ug/l	98
76) 1,2,3-Trichloropropane	12.572	75	29838	29.166	ug/l #	100
77) Bromobenzene	12.548	156	37749	17.652	ug/l	100
78) n-propylbenzene	12.609	91	201600	19.149	ug/l	98
79) 2-Chlorotoluene	12.694	91	112611	18.574	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	140055	18.632	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	7274	14.992	ug/l	99
82) 4-Chlorotoluene	12.791	91	112941	18.051	ug/l	98
83) tert-Butylbenzene	13.011	119	131466	18.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.060	105	135866	18.509	ug/l	98
85) sec-Butylbenzene	13.188	105	188520	19.197	ug/l	99
86) p-Isopropyltoluene	13.304	119	156455	18.676	ug/l	100
87) 1,3-Dichlorobenzene	13.304	146	74940	18.035	ug/l	99
88) 1,4-Dichlorobenzene	13.383	146	72818	17.803	ug/l	99
89) n-Butylbenzene	13.633	91	137788	18.959	ug/l	100
90) Hexachloroethane	13.895	117	30836	18.331	ug/l	99
91) 1,2-Dichlorobenzene	13.675	146	63688	17.530	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	3047	13.404	ug/l	97
93) 1,2,4-Trichlorobenzene	14.937	180	34746	16.618	ug/l	100
94) Hexachlorobutadiene	15.041	225	27771	18.840	ug/l	99
95) Naphthalene	15.163	128	49844	14.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	27967	15.965	ug/l	98

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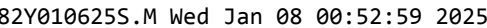
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MSVOA_Y
ClientSampleId :

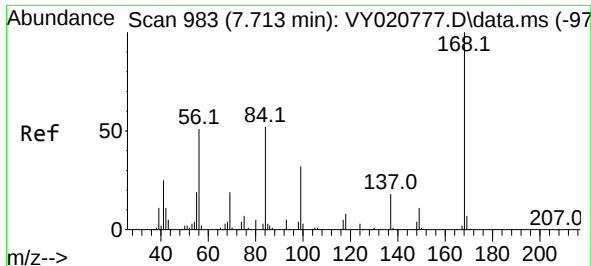
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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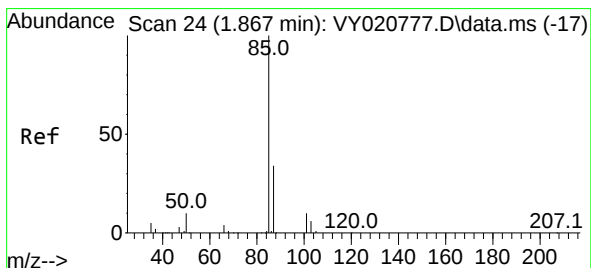
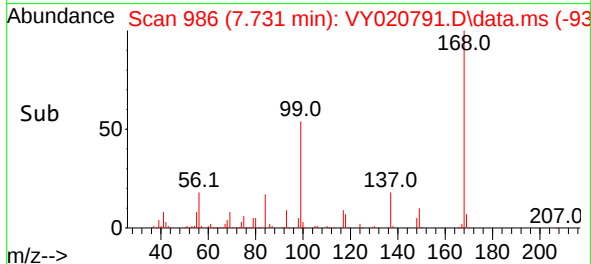
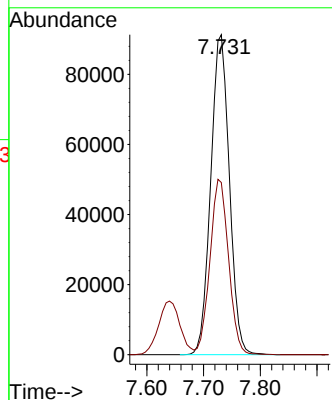
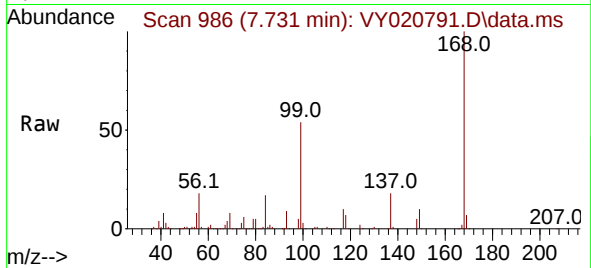




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.731 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY020791.D
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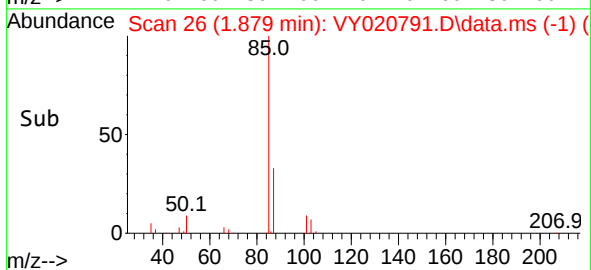
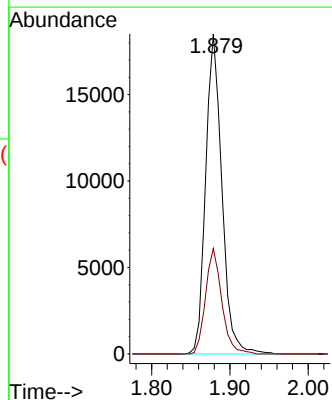
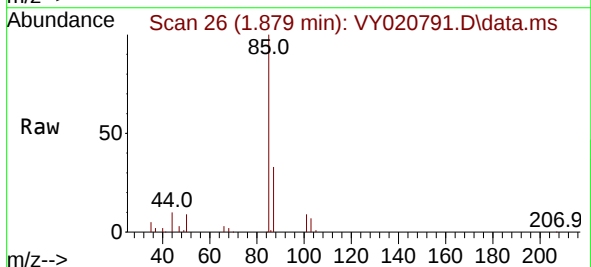
Instrument :
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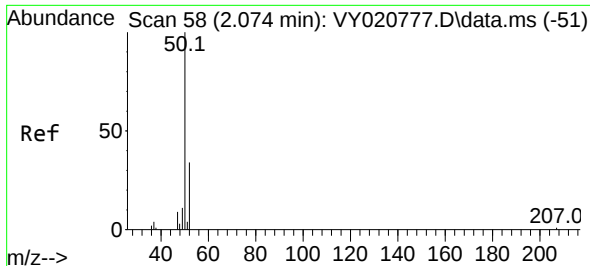
Tgt Ion:168 Resp: 208320
Ion Ratio Lower Upper
168 100
99 53.8 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 17.369 ug/l
RT: 1.879 min Scan# 26
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 85 Resp: 26554
Ion Ratio Lower Upper
85 100
87 32.9 16.9 50.6

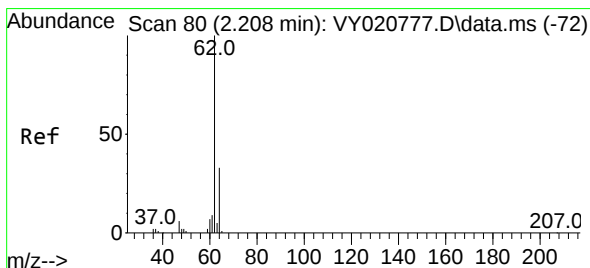
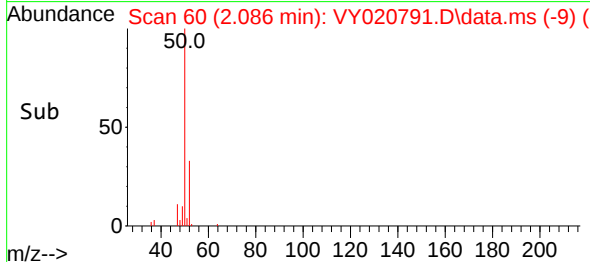
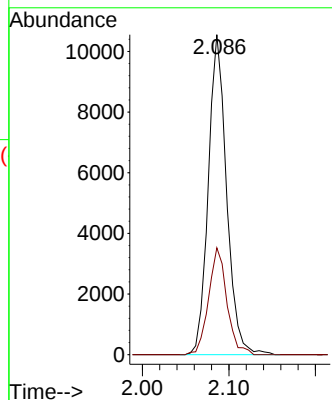
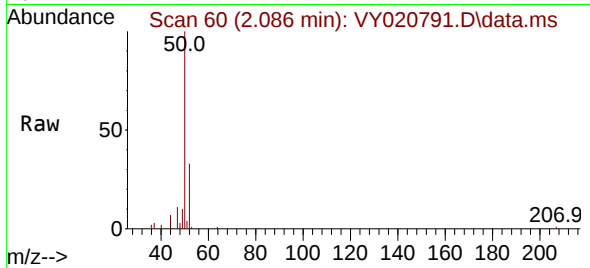




#3
Chloromethane
Concen: 19.205 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

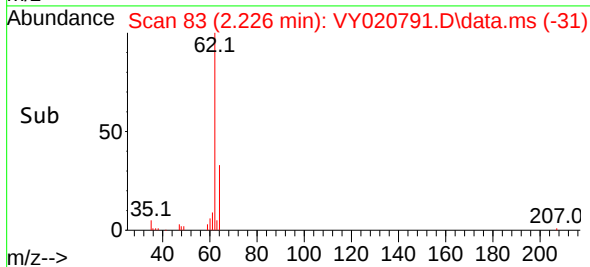
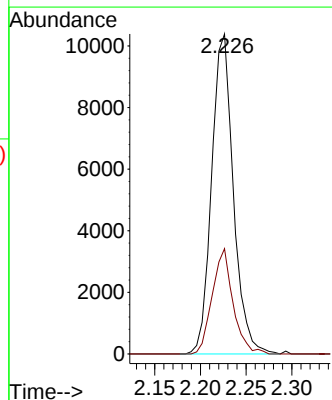
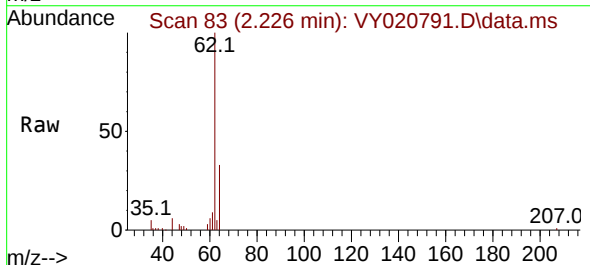
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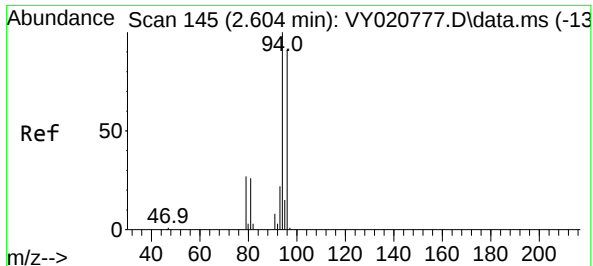
Tgt Ion: 50 Resp: 15460
Ion Ratio Lower Upper
50 100
52 33.4 27.3 40.9



#4
Vinyl Chloride
Concen: 19.159 ug/l
RT: 2.226 min Scan# 83
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 62 Resp: 17145
Ion Ratio Lower Upper
62 100
64 32.9 26.6 39.8

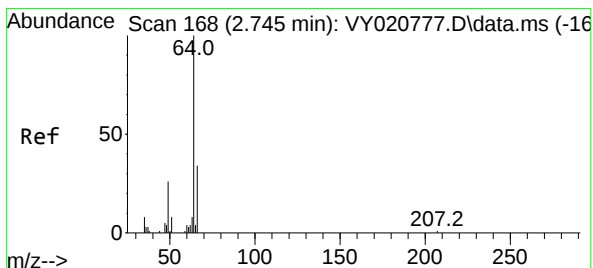
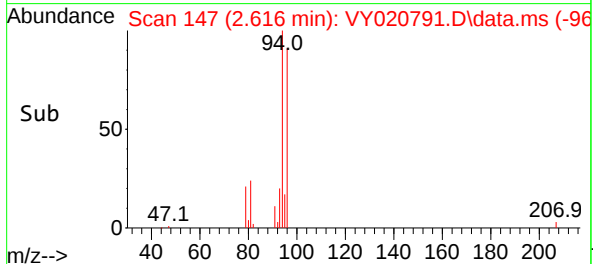
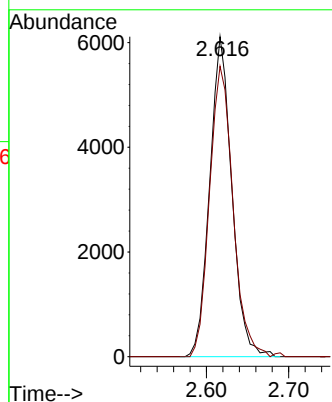
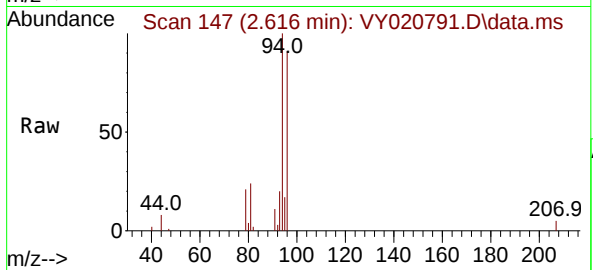




#5
Bromomethane
Concen: 17.938 ug/l
RT: 2.616 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

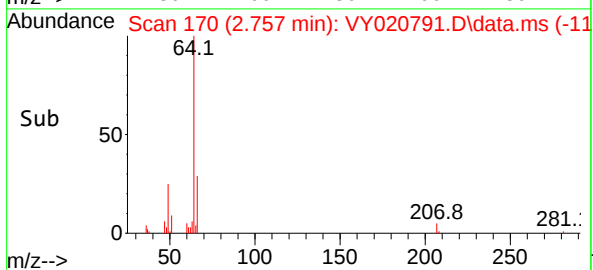
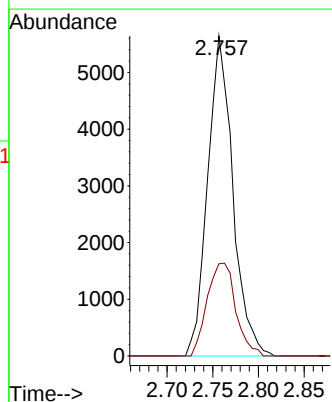
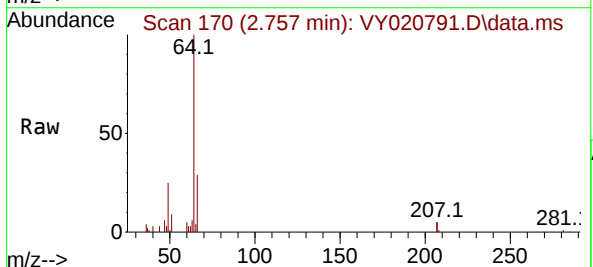
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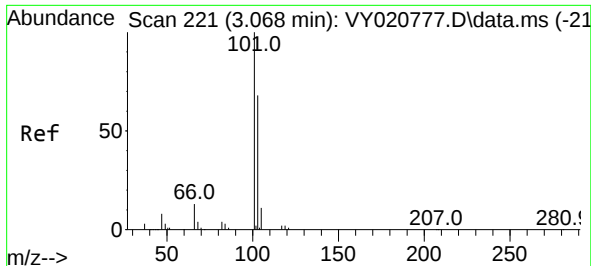
Tgt Ion: 94 Resp: 11433
Ion Ratio Lower Upper
94 100
96 90.7 72.6 109.0



#6
Chloroethane
Concen: 19.567 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 64 Resp: 10799
Ion Ratio Lower Upper
64 100
66 28.8 26.9 40.3

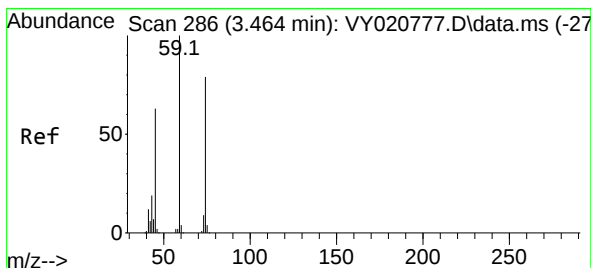
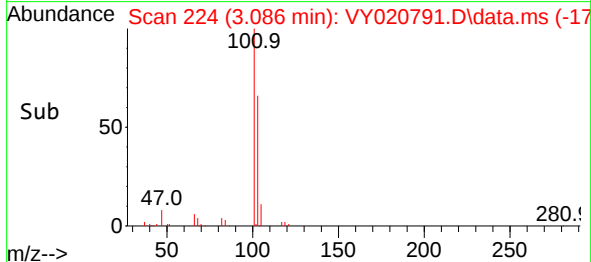
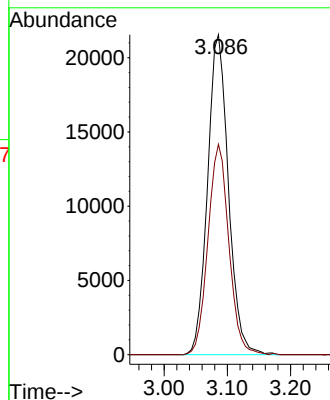
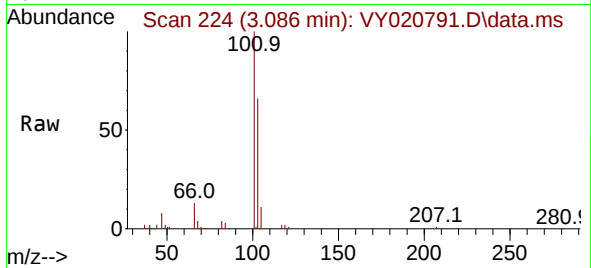




#7
Trichlorofluoromethane
Concen: 18.019 ug/l
RT: 3.086 min Scan# 21
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

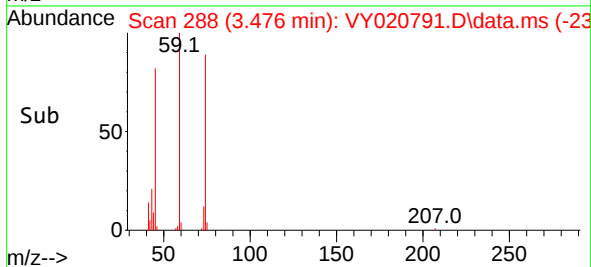
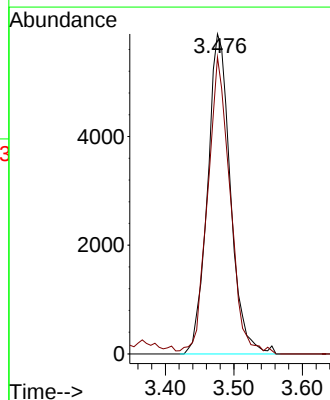
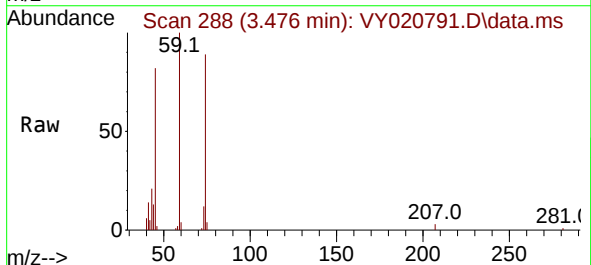
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MSVOA_Y
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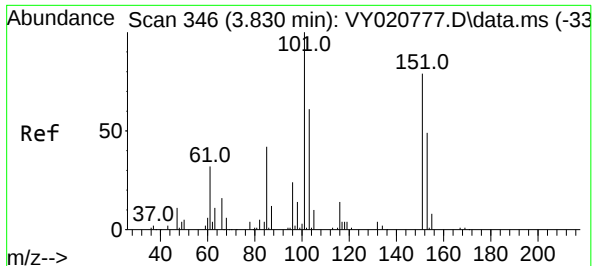
Tgt Ion:101 Resp: 49490
Ion Ratio Lower Upper
101 100
103 65.7 54.6 82.0



#8
Diethyl Ether
Concen: 15.950 ug/l
RT: 3.476 min Scan# 288
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 74 Resp: 13699
Ion Ratio Lower Upper
74 100
45 91.2 41.3 124.1

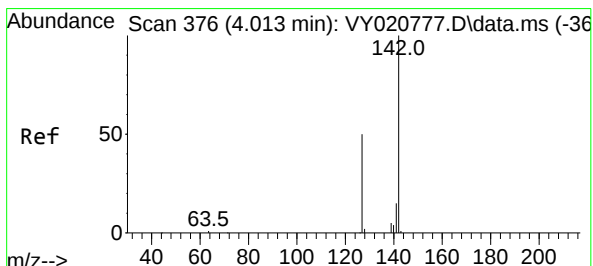
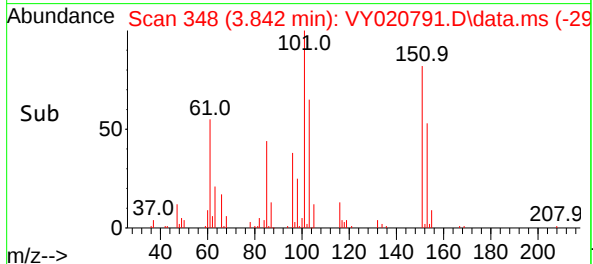
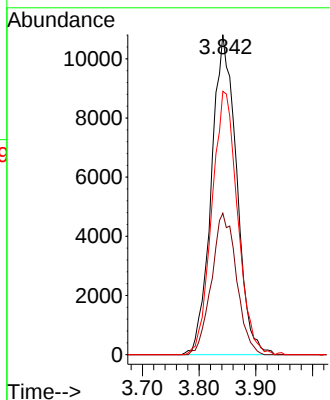
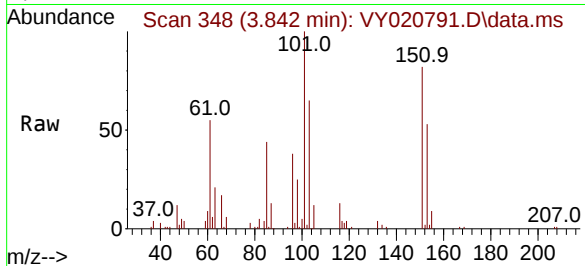




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.956 ug/l
RT: 3.842 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

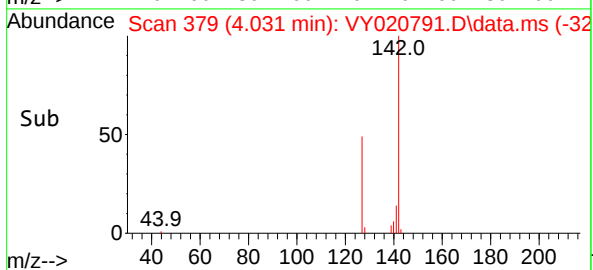
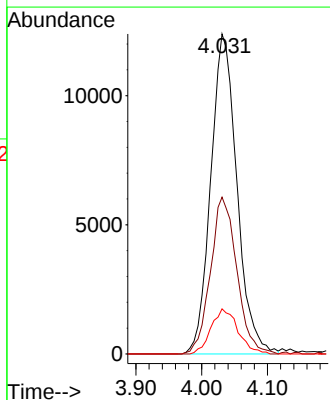
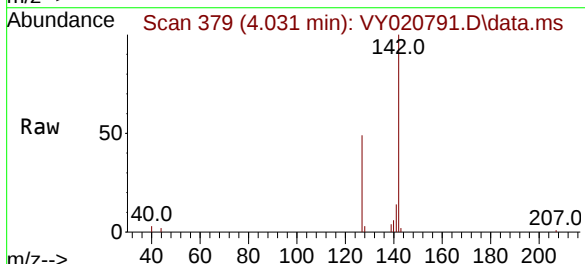
Instrument :
MSVOA_Y
ClientSampleId :

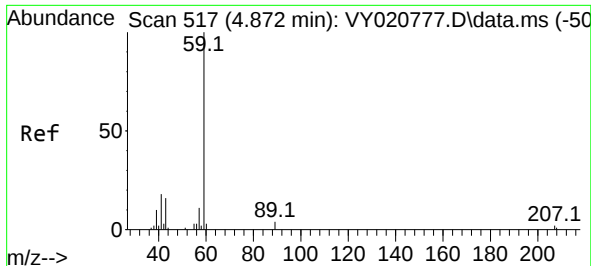
Tgt Ion:101 Resp: 33303
Ion Ratio Lower Upper
101 100
85 43.7 35.9 53.9
151 83.8 66.9 100.3



#10
Methyl Iodide
Concen: 17.259 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion:142 Resp: 34304
Ion Ratio Lower Upper
142 100
127 49.3 41.0 61.6
141 14.5 11.6 17.4

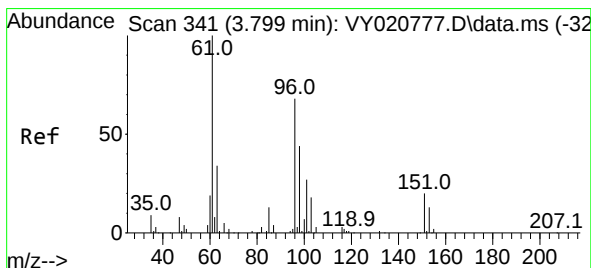
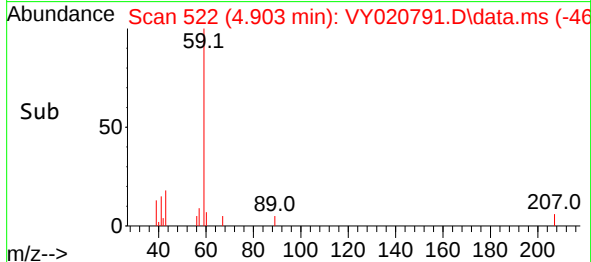
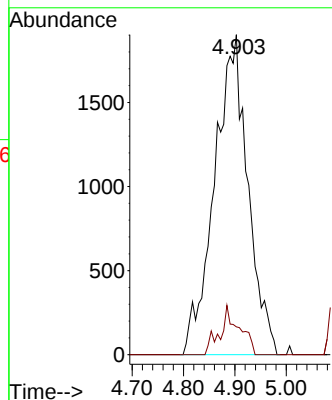
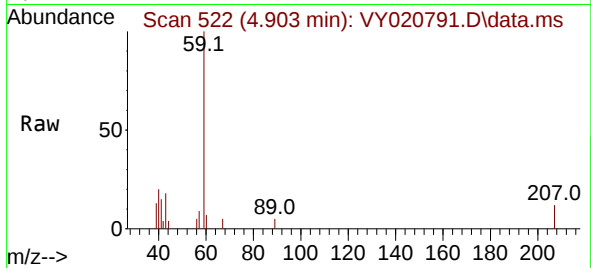




#11
Tert butyl alcohol
Concen: 64.113 ug/l
RT: 4.903 min Scan# 517
Delta R.T. 0.030 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

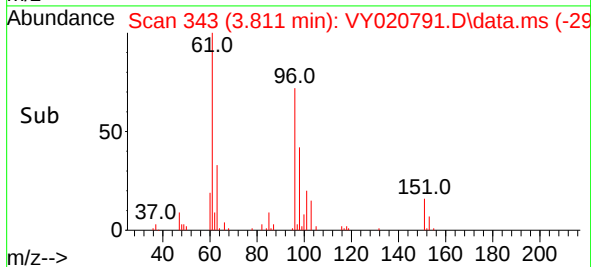
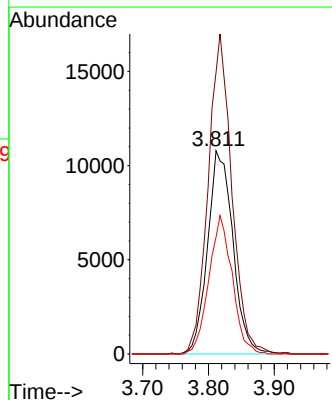
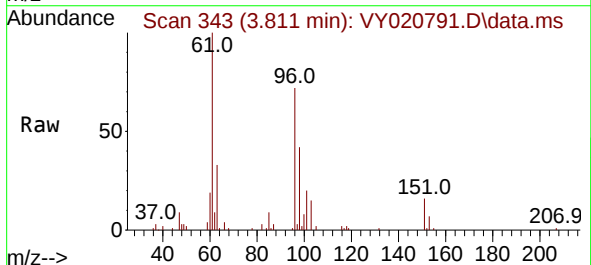
Instrument :
MSVOA_Y
ClientSampleId :

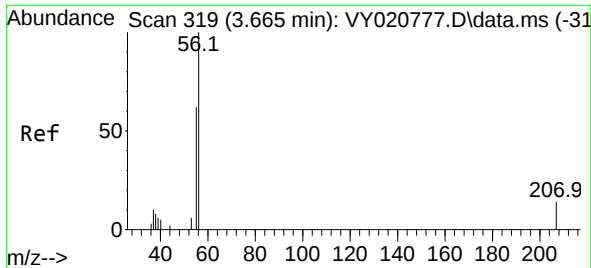
Tgt Ion: 59 Resp: 8578
Ion Ratio Lower Upper
59 100
57 6.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 17.809 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

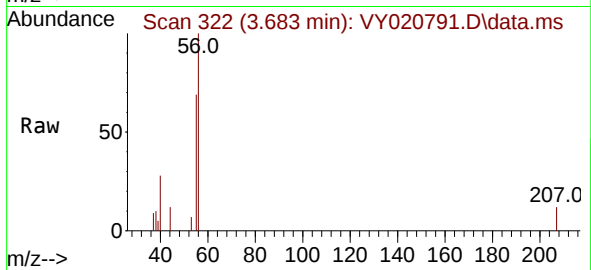
Tgt Ion: 96 Resp: 28932
Ion Ratio Lower Upper
96 100
61 138.6 117.8 176.8
98 57.5 51.9 77.9



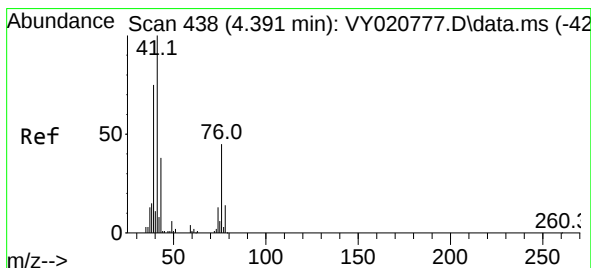
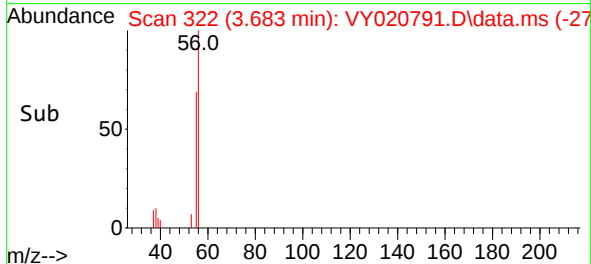
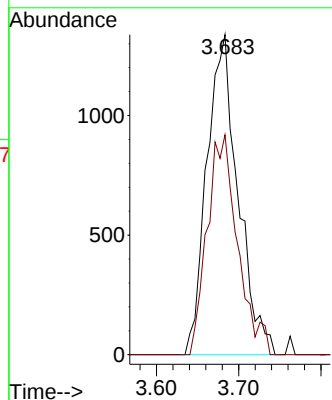


#13
Acrolein
Concen: 93.949 ug/l
RT: 3.683 min Scan# 319
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Instrument :
MSVOA_Y
ClientSampleId :

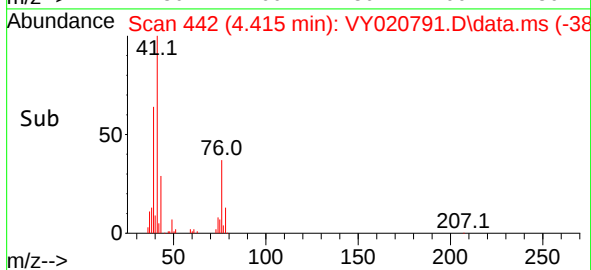
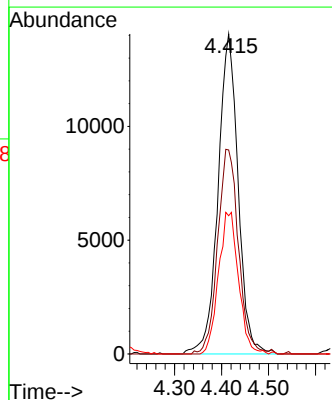
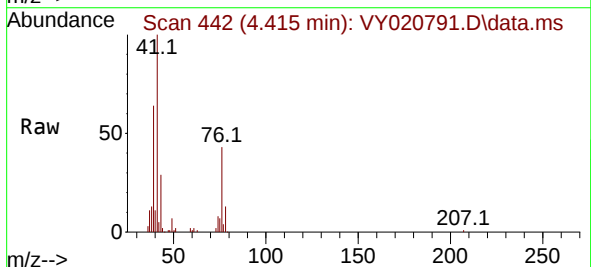


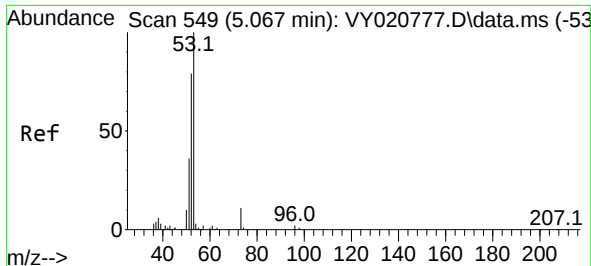
Tgt Ion: 56 Resp: 3530
Ion Ratio Lower Upper
56 100
55 67.1 58.1 87.1



#14
Allyl chloride
Concen: 17.817 ug/l
RT: 4.415 min Scan# 442
Delta R.T. 0.024 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

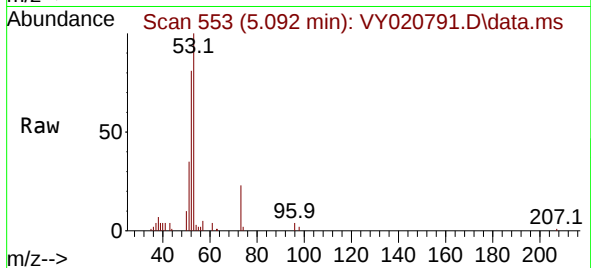
Tgt Ion: 41 Resp: 41758
Ion Ratio Lower Upper
41 100
39 66.3 57.5 86.3
76 44.1 35.6 53.4



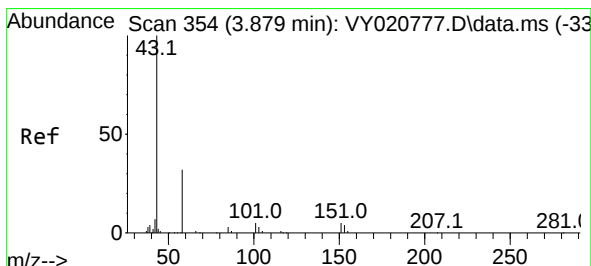
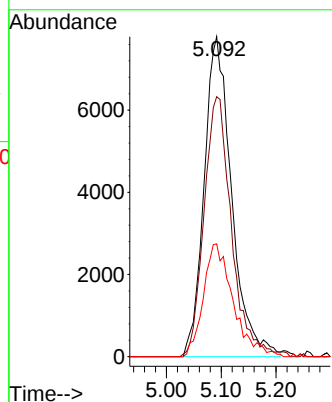
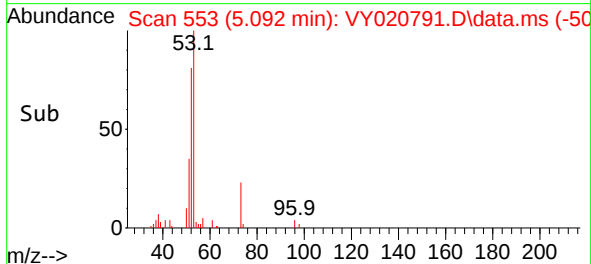


#15
Acrylonitrile
Concen: 74.301 ug/l
RT: 5.092 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Instrument :
MSVOA_Y
ClientSampleId :

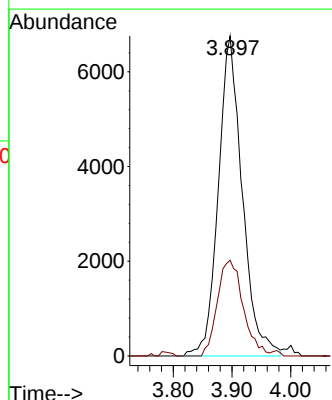
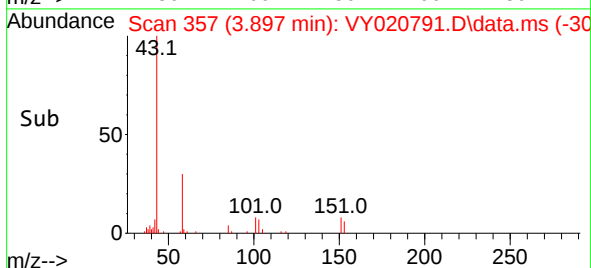
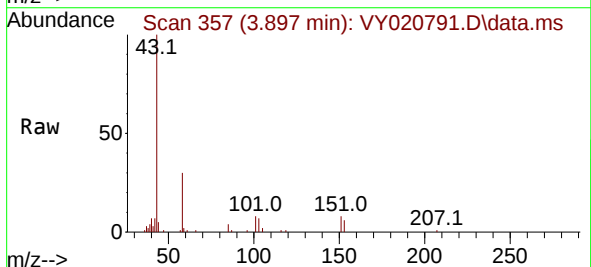


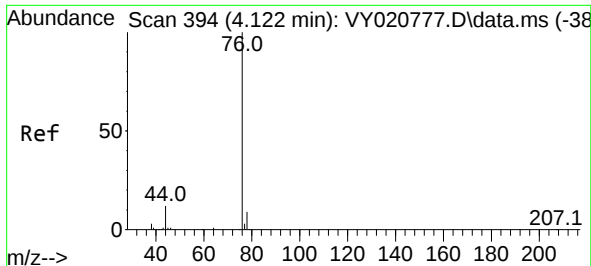
Tgt Ion: 53 Resp: 27122
Ion Ratio Lower Upper
53 100
52 81.0 64.3 96.5
51 38.1 29.3 43.9



#16
Acetone
Concen: 75.924 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 43 Resp: 19117
Ion Ratio Lower Upper
43 100
58 29.9 26.7 40.1

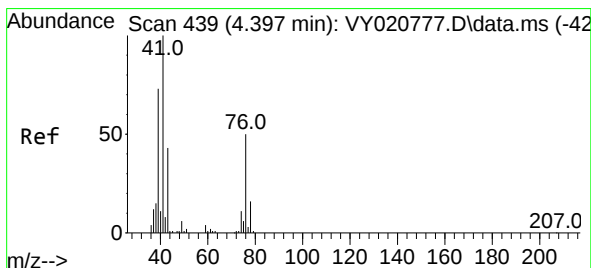
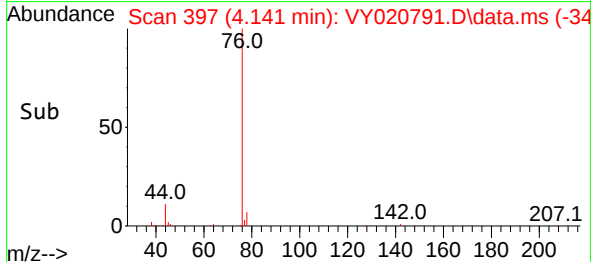
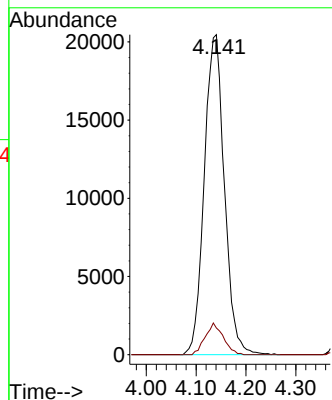
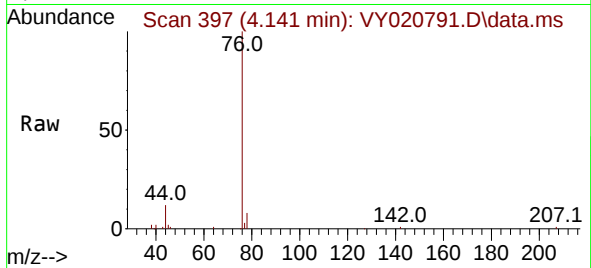




#17
Carbon Disulfide
Concen: 16.270 ug/l
RT: 4.141 min Scan# 394
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

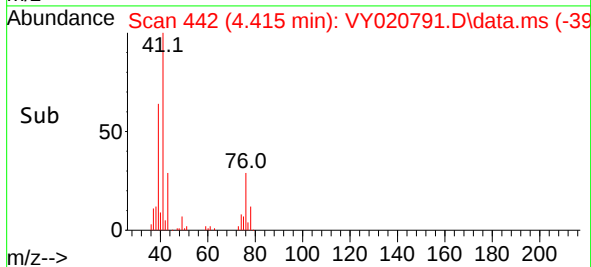
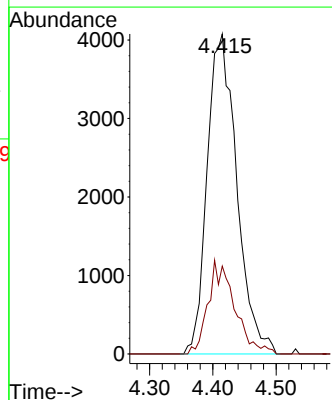
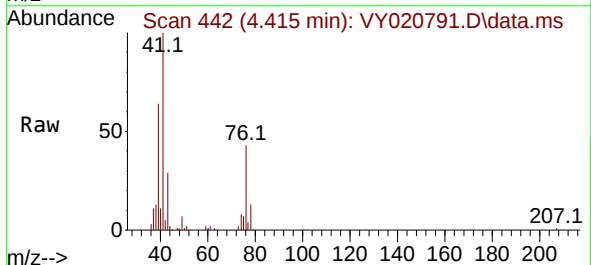
Instrument :
MSVOA_Y
ClientSampleId :

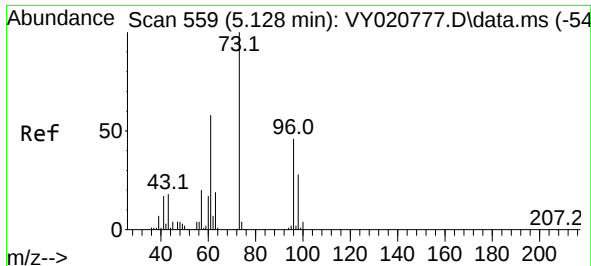
Tgt Ion: 76 Resp: 57339
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 15.578 ug/l
RT: 4.415 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 43 Resp: 13244
Ion Ratio Lower Upper
43 100
74 26.3 23.0 34.6

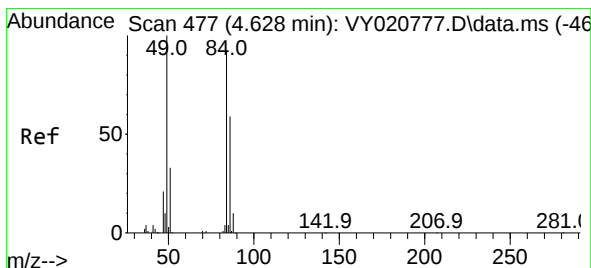
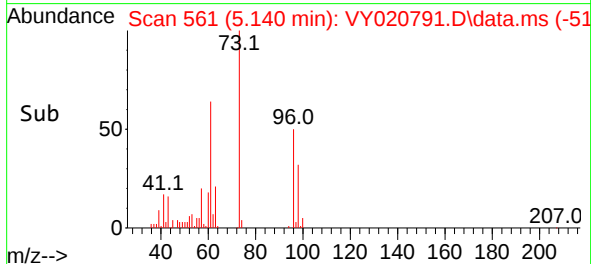
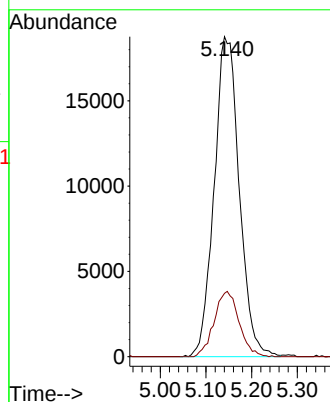
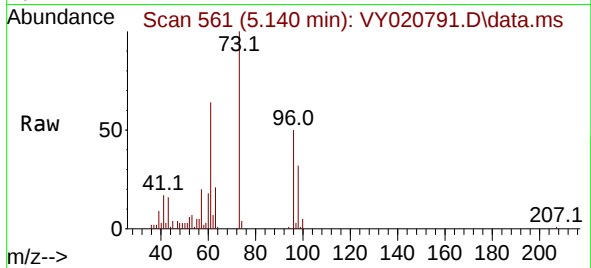




#19
Methyl tert-butyl Ether
Concen: 15.606 ug/l
RT: 5.140 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

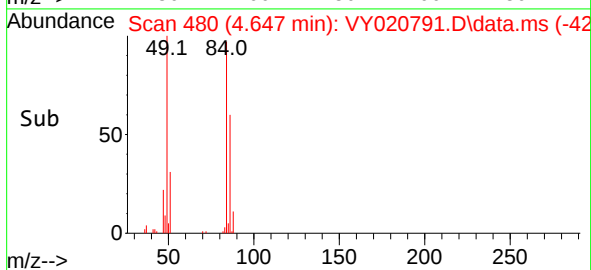
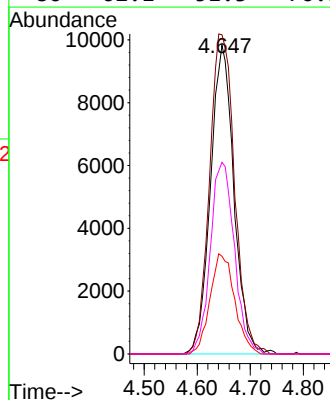
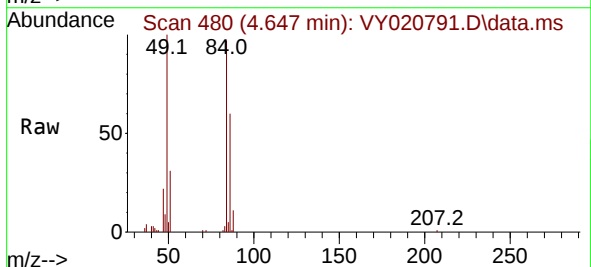
Instrument :
MSVOA_Y
ClientSampleId :

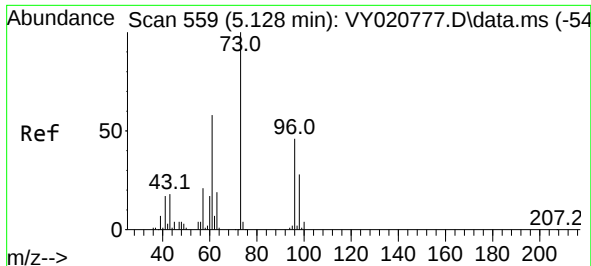
Tgt Ion: 73 Resp: 71551
Ion Ratio Lower Upper
73 100
57 19.8 16.4 24.6



#20
Methylene Chloride
Concen: 17.367 ug/l
RT: 4.647 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

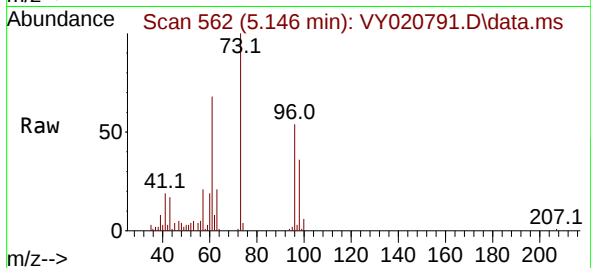
Tgt Ion: 84 Resp: 30199
Ion Ratio Lower Upper
84 100
49 103.4 86.7 130.1
51 31.7 28.4 42.6
86 62.1 51.3 76.9



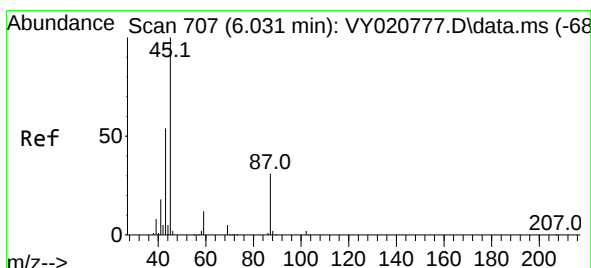
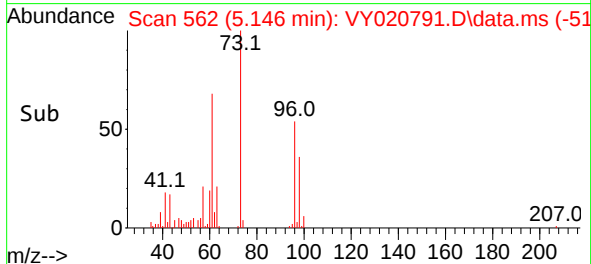
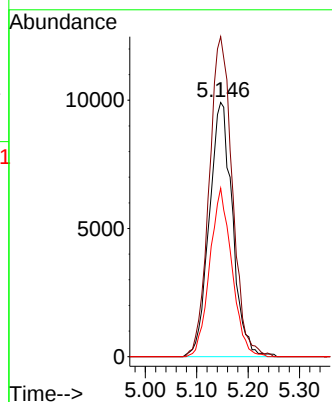


#21
trans-1,2-Dichloroethene
Concen: 17.326 ug/l
RT: 5.146 min Scan# 509
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Instrument :
MSVOA_Y
ClientSampleId :

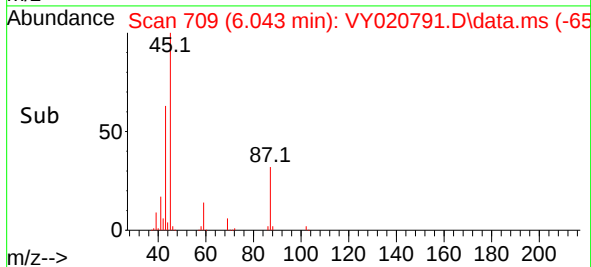
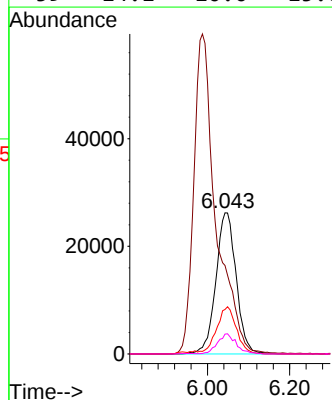
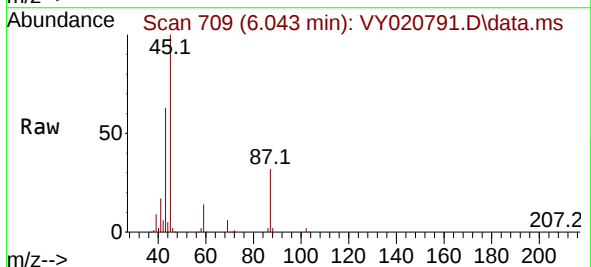


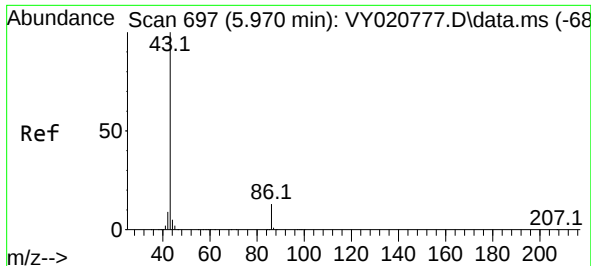
Tgt Ion: 96 Resp: 30996
Ion Ratio Lower Upper
96 100
61 125.8 101.6 152.4
98 66.3 49.4 74.2



#22
Diisopropyl ether
Concen: 18.006 ug/l
RT: 6.043 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 45 Resp: 89900
Ion Ratio Lower Upper
45 100
43 62.2 43.9 65.9
87 31.6 25.3 37.9
59 14.1 10.0 15.0

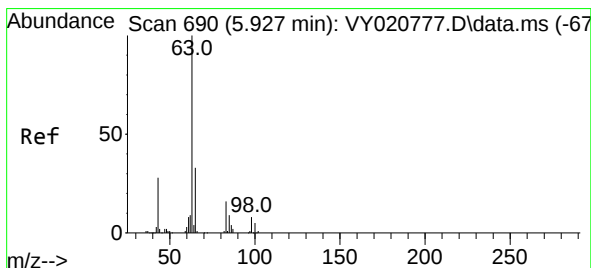
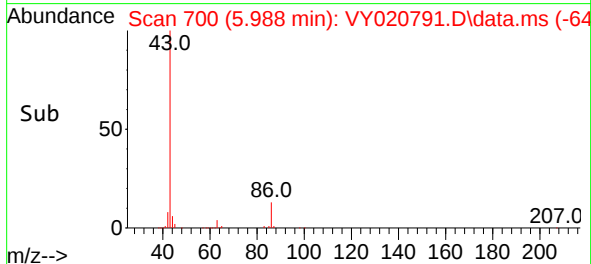
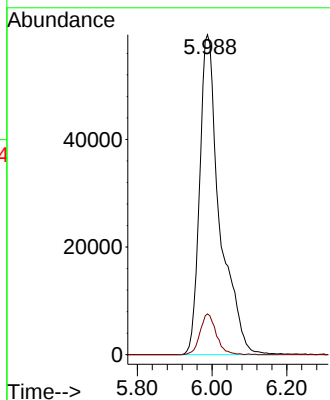
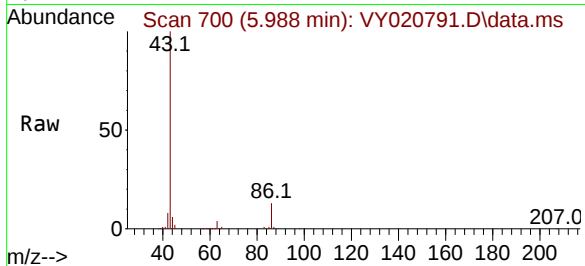




#23
 Vinyl Acetate
 Concen: 80.792 ug/l
 RT: 5.988 min Scan# 700
 Delta R.T. 0.018 min
 Lab File: VY020791.D
 Acq: 07 Jan 2025 14:09

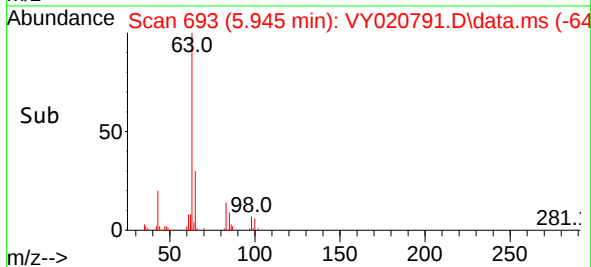
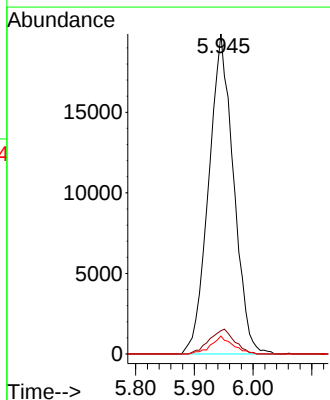
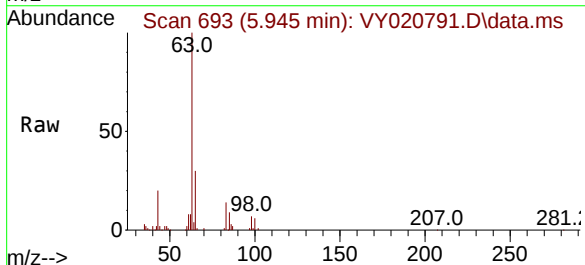
Instrument :
 MSVOA_Y
 ClientSampleId :

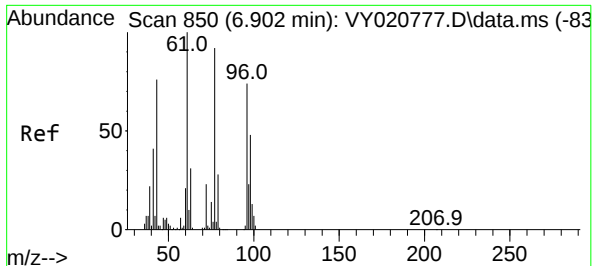
Tgt Ion: 43 Resp: 222404
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 17.744 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.018 min
 Lab File: VY020791.D
 Acq: 07 Jan 2025 14:09

Tgt Ion: 63 Resp: 58449
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 5.6 2.4 7.2





#25

2-Butanone

Concen: 73.596 ug/l

RT: 6.914 min Scan# 852

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

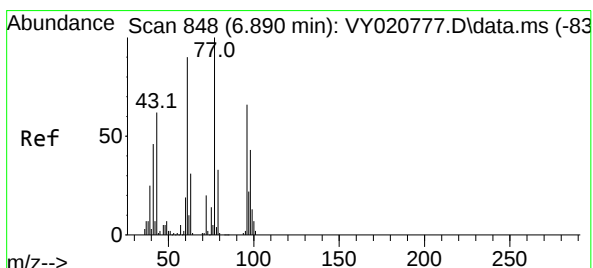
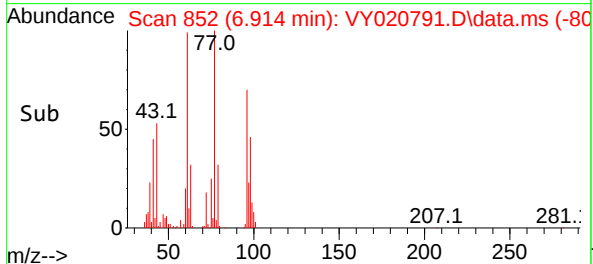
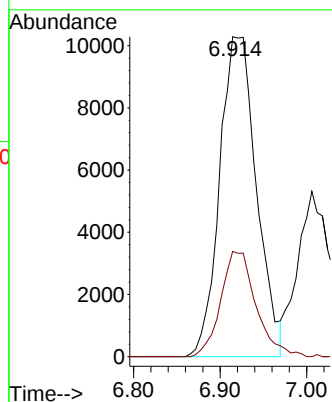
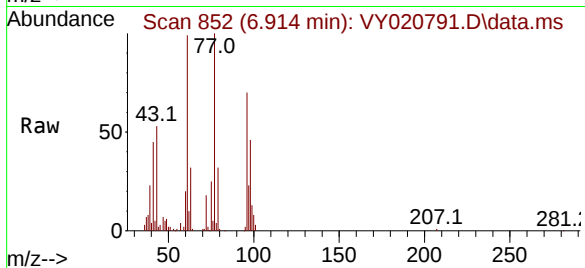
ClientSampleId :

Tgt Ion: 43 Resp: 30440

Ion Ratio Lower Upper

43 100

72 32.9 24.0 36.0



#26

2,2-Dichloropropane

Concen: 17.625 ug/l

RT: 6.914 min Scan# 852

Delta R.T. 0.024 min

Lab File: VY020791.D

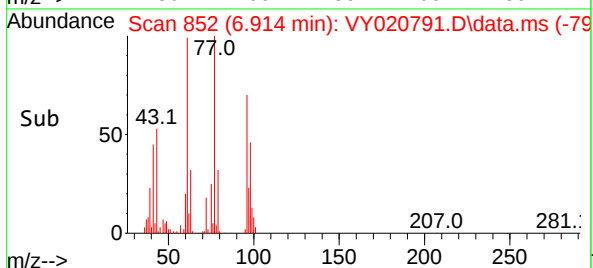
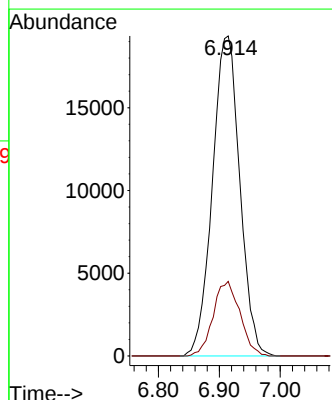
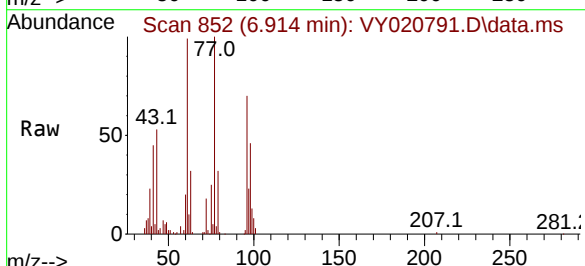
Acq: 07 Jan 2025 14:09

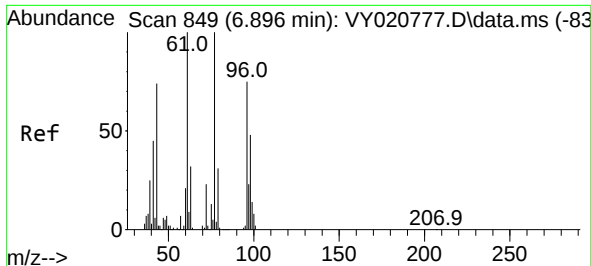
Tgt Ion: 77 Resp: 60278

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 16.902 ug/l

RT: 6.914 min Scan# 849

Delta R.T. 0.018 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

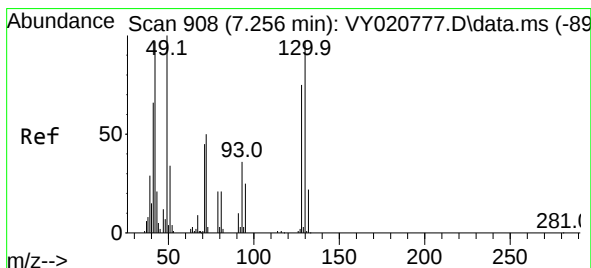
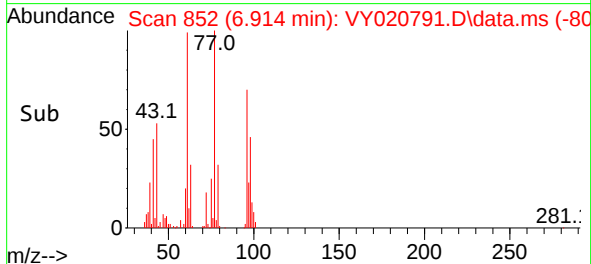
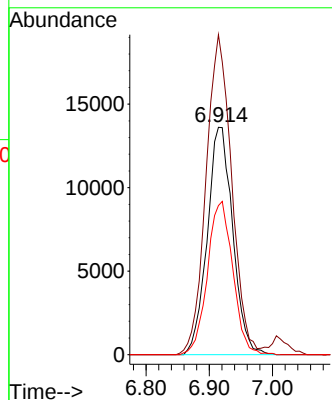
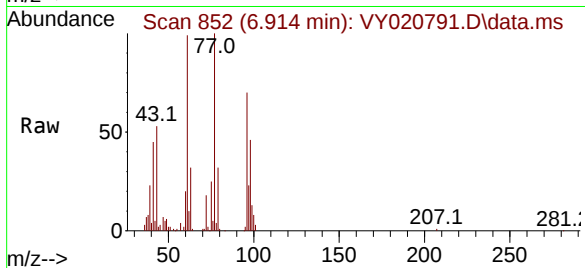
Tgt Ion: 96 Resp: 38150

Ion Ratio Lower Upper

96 100

61 141.3 0.0 271.4

98 67.1 0.0 129.0



#28

Bromochloromethane

Concen: 16.238 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

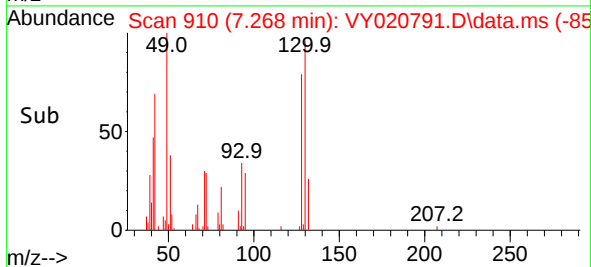
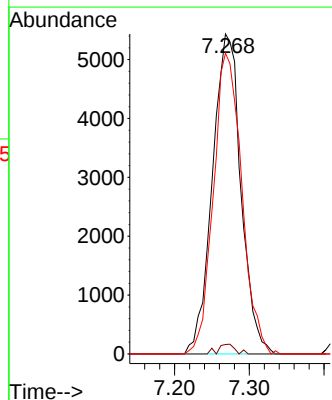
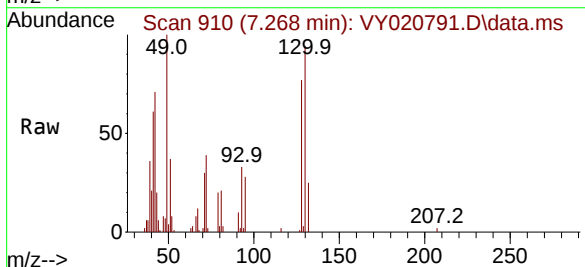
Tgt Ion: 49 Resp: 14433

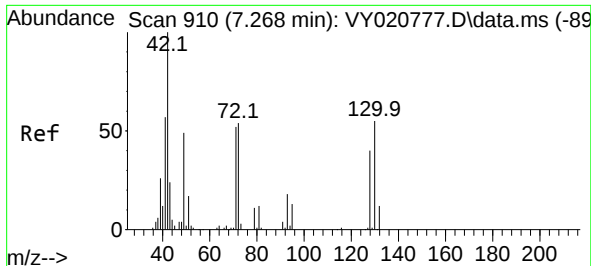
Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.2

130 93.4 77.8 116.6





#29

Tetrahydrofuran

Concen: 72.582 ug/l

RT: 7.286 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

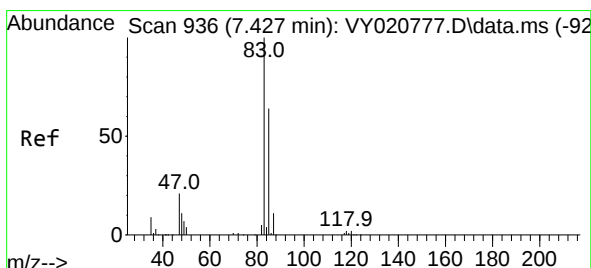
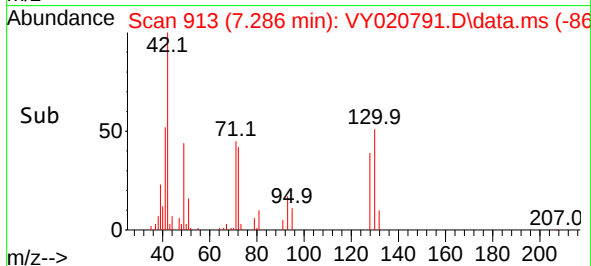
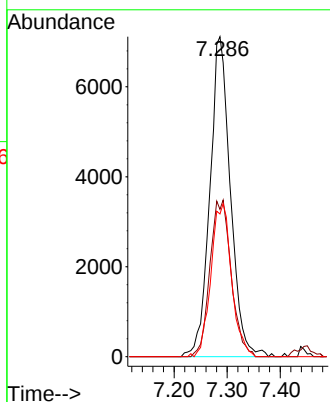
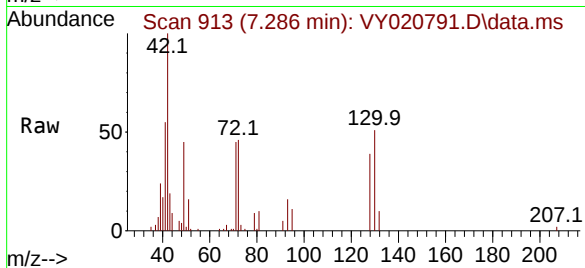
Tgt Ion: 42 Resp: 19177

Ion Ratio Lower Upper

42 100

72 50.6 41.8 62.6

71 47.7 39.8 59.8



#30

Chloroform

Concen: 17.144 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.012 min

Lab File: VY020791.D

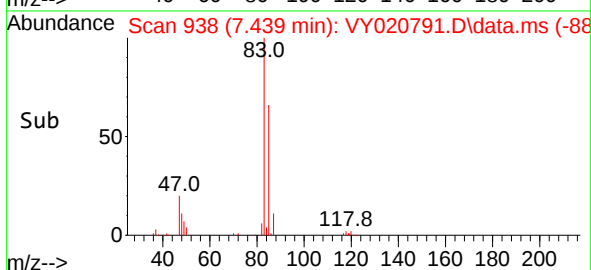
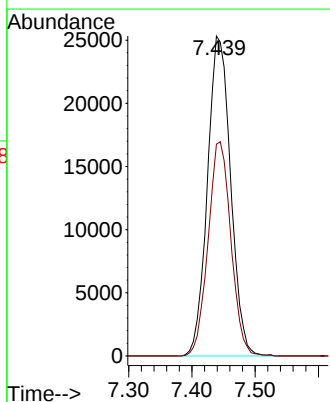
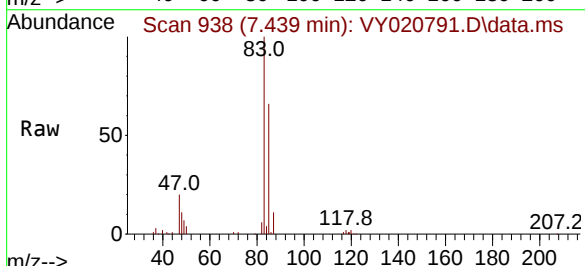
Acq: 07 Jan 2025 14:09

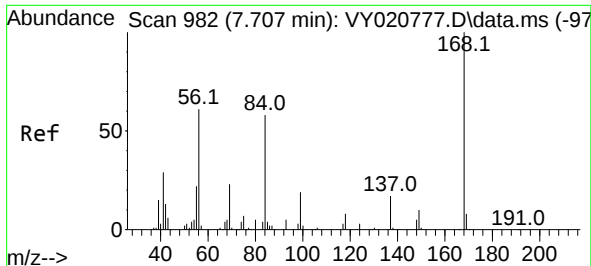
Tgt Ion: 83 Resp: 64402

Ion Ratio Lower Upper

83 100

85 66.2 51.1 76.7

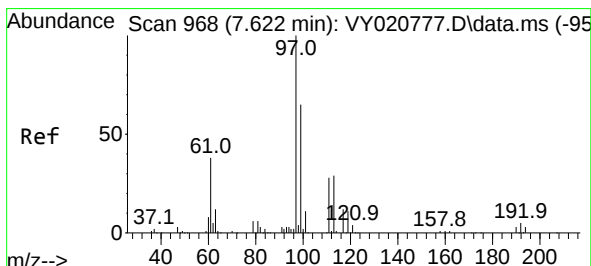
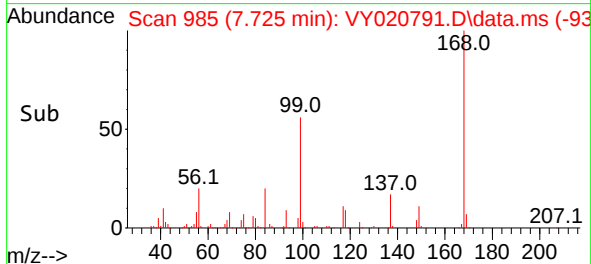
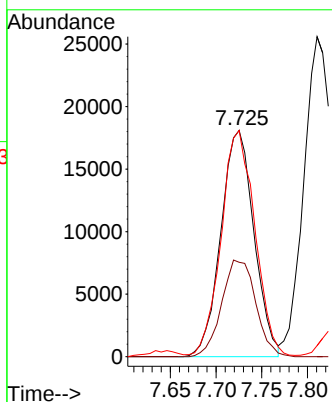
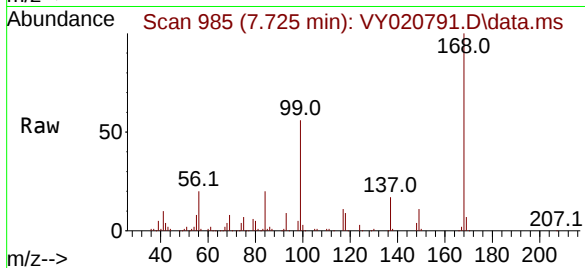




#31
Cyclohexane
Concen: 17.721 ug/l
RT: 7.725 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

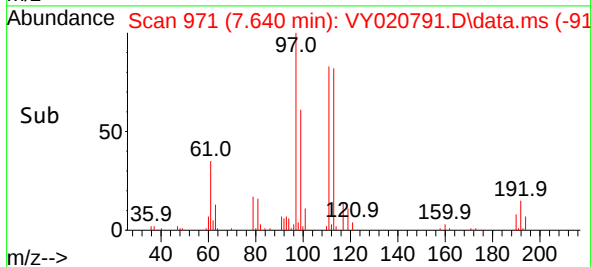
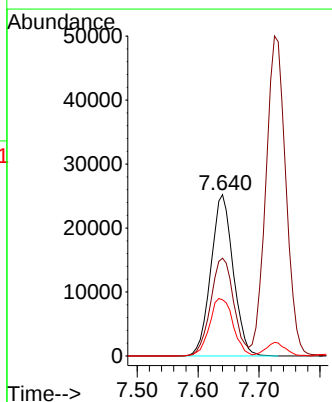
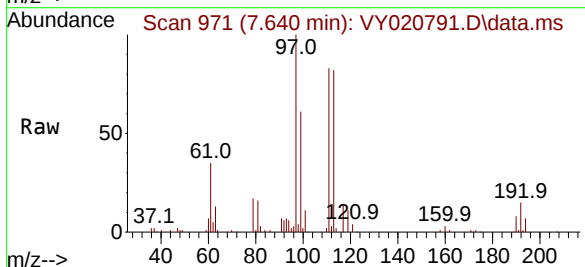
Instrument :
MSVOA_Y
ClientSampleId :

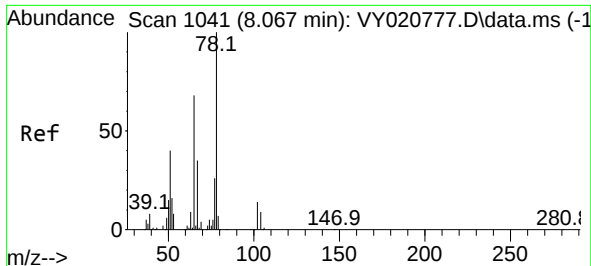
Tgt Ion: 56 Resp: 45659
Ion Ratio Lower Upper
56 100
69 41.7 30.5 45.7
84 98.5 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 17.504 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 97 Resp: 64135
Ion Ratio Lower Upper
97 100
99 62.8 51.4 77.2
61 37.7 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 42.234 ug/l

RT: 8.079 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

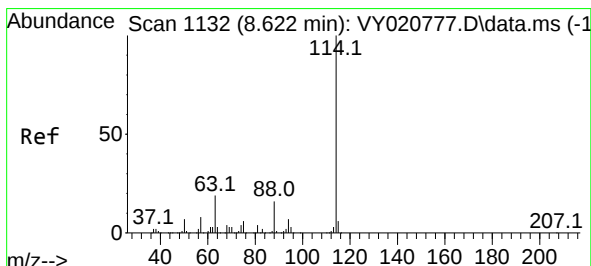
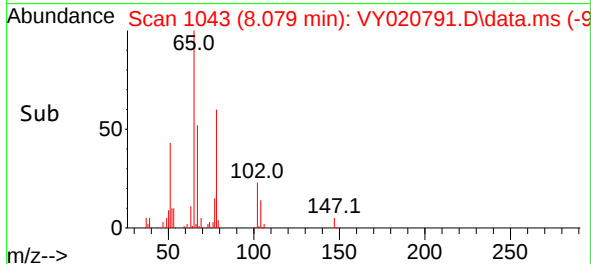
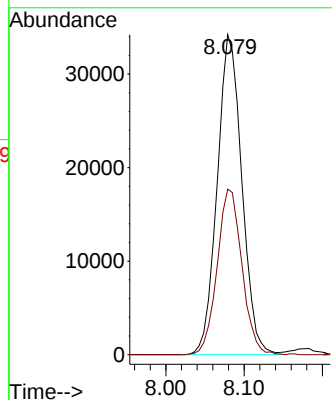
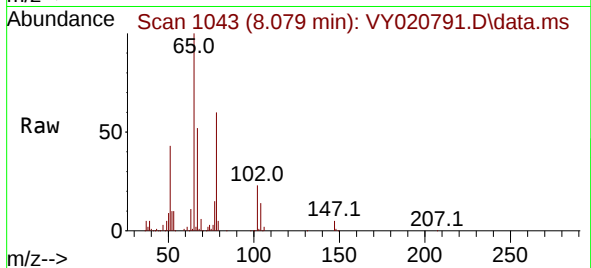
ClientSampleId :

Tgt Ion: 65 Resp: 74782

Ion Ratio Lower Upper

65 100

67 52.0 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: VY020791.D

Acq: 07 Jan 2025 14:09

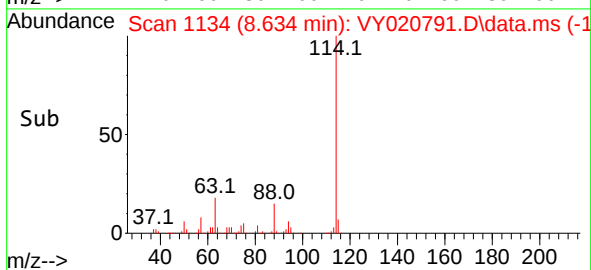
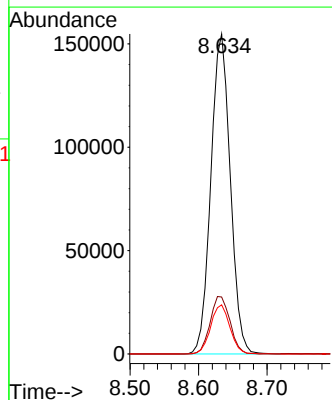
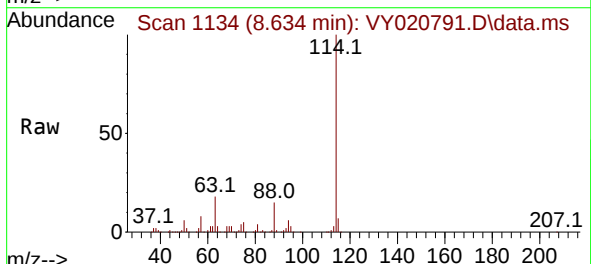
Tgt Ion: 114 Resp: 304440

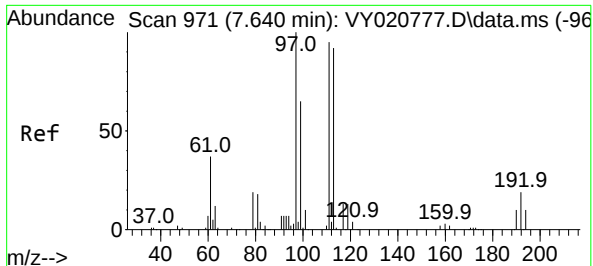
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

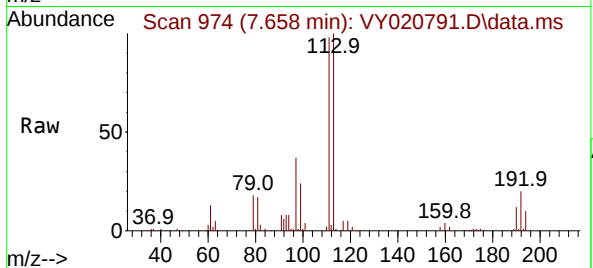
88 15.3 0.0 31.2



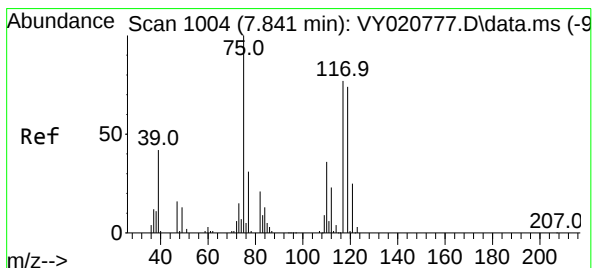
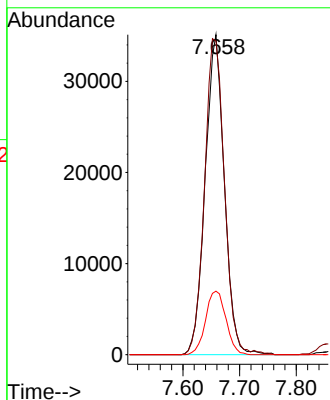
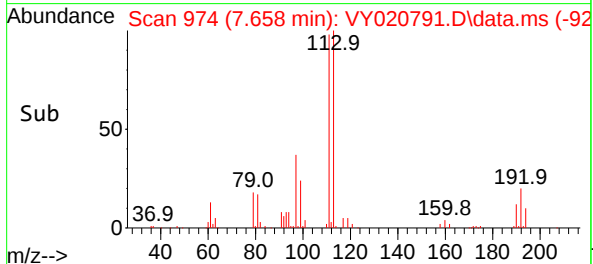


#35
Dibromofluoromethane
Concen: 43.230 ug/l
RT: 7.658 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

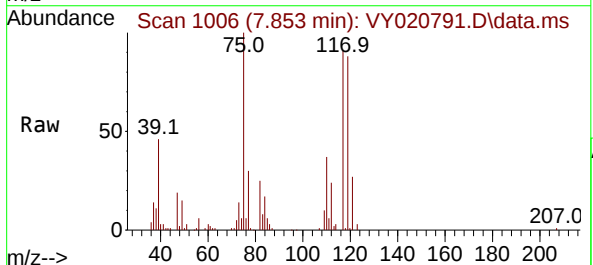
Instrument :
MSVOA_Y
ClientSampleId :



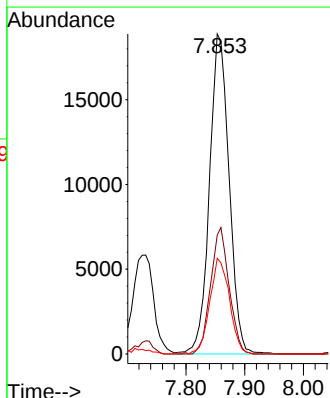
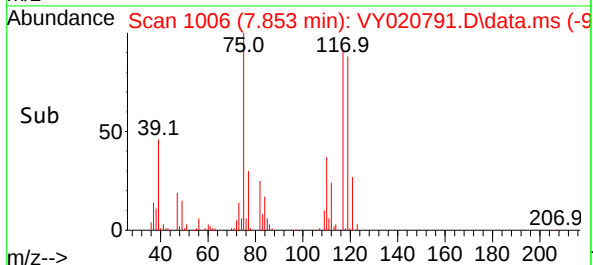
Tgt Ion:113 Resp: 82452
Ion Ratio Lower Upper
113 100
111 102.8 81.7 122.5
192 21.1 16.7 25.1

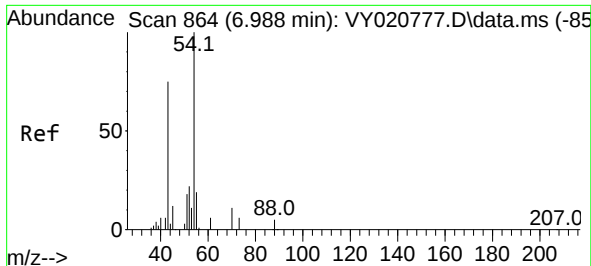


#36
1,1-Dichloropropene
Concen: 18.022 ug/l
RT: 7.853 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09



Tgt Ion: 75 Resp: 43843
Ion Ratio Lower Upper
75 100
110 37.2 18.5 55.5
77 29.9 25.0 37.4





#37

Ethyl Acetate

Concen: 14.775 ug/l

RT: 7.006 min Scan# 8

Delta R.T. 0.018 min

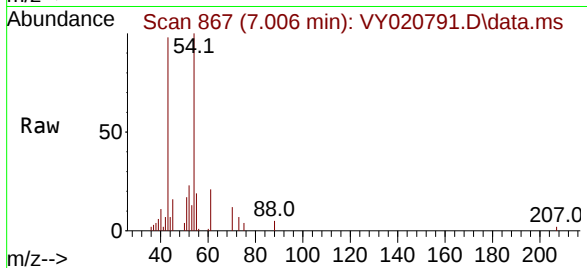
Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :



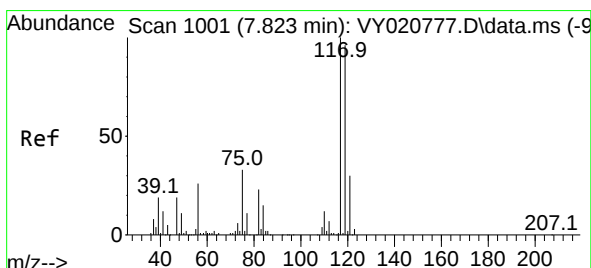
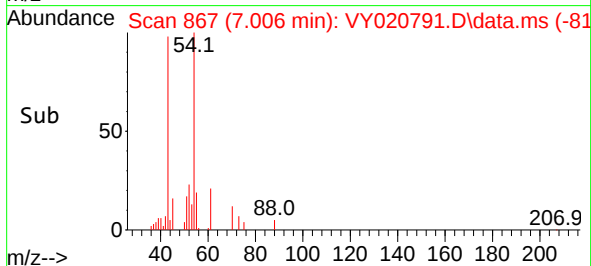
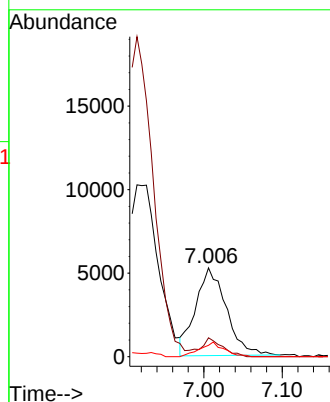
Tgt Ion: 43 Resp: 14304

Ion Ratio Lower Upper

43 100

61 15.0 11.8 17.6

70 12.9 9.8 14.8



#38

Carbon Tetrachloride

Concen: 17.665 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

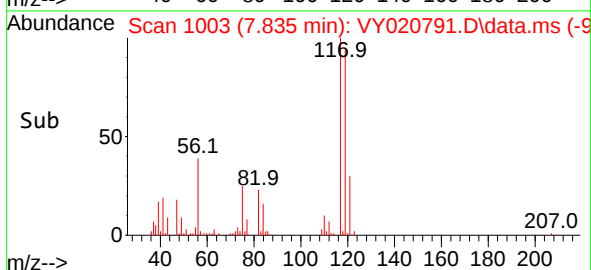
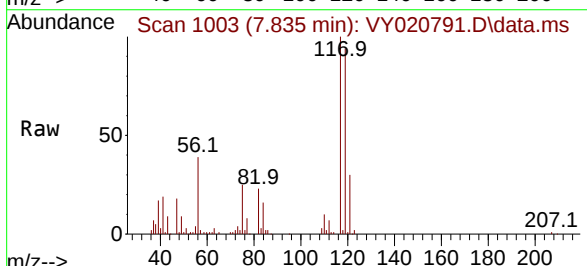
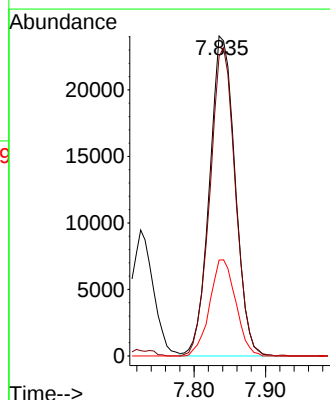
Tgt Ion: 117 Resp: 59819

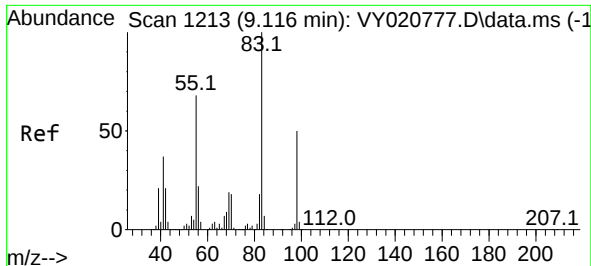
Ion Ratio Lower Upper

117 100

119 93.6 76.5 114.7

121 29.9 24.3 36.5

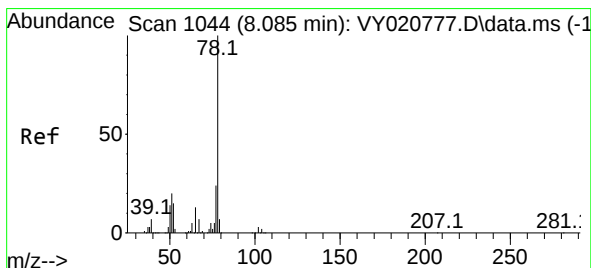
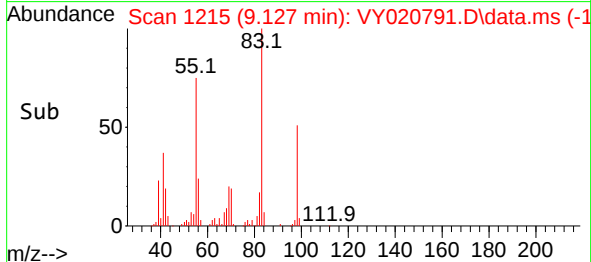
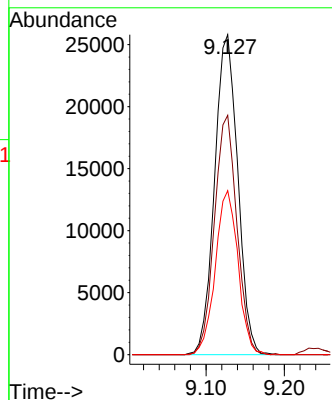
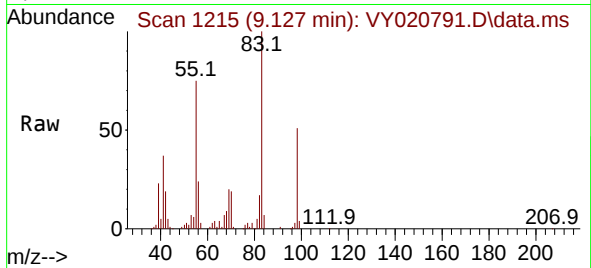




#39
Methylcyclohexane
Concen: 17.766 ug/l
RT: 9.127 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

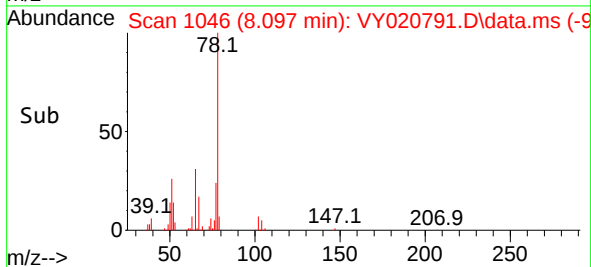
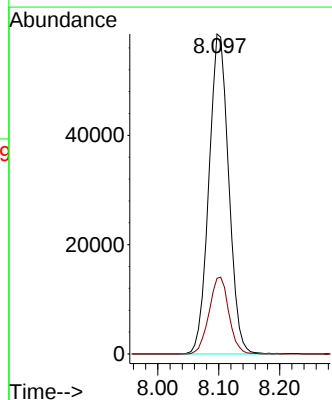
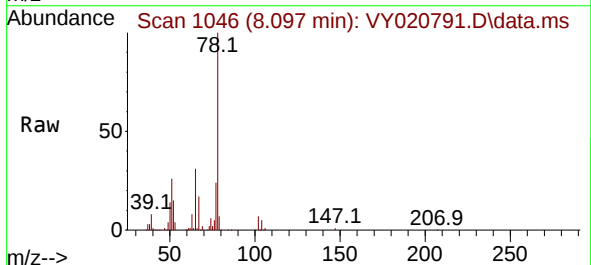
Instrument :
MSVOA_Y
ClientSampleId :

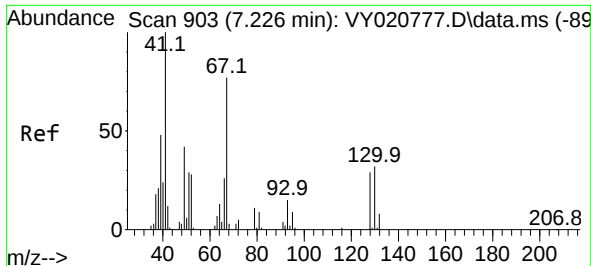
Tgt Ion: 83 Resp: 53036
Ion Ratio Lower Upper
83 100
55 74.8 54.8 82.2
98 51.3 40.0 60.0



#40
Benzene
Concen: 17.696 ug/l
RT: 8.097 min Scan# 1046
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 78 Resp: 132124
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2

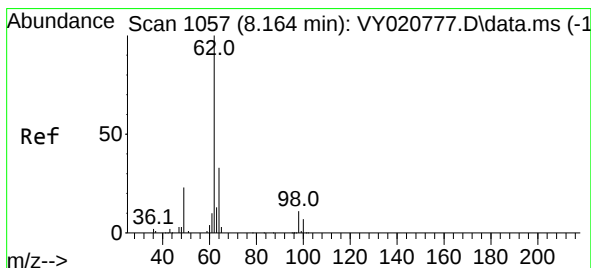
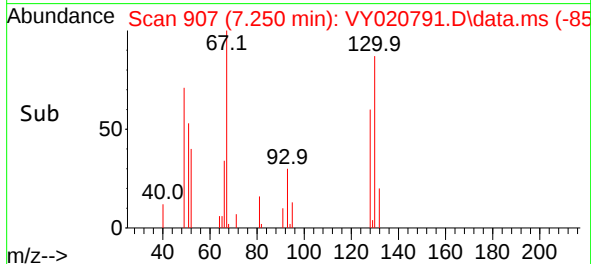
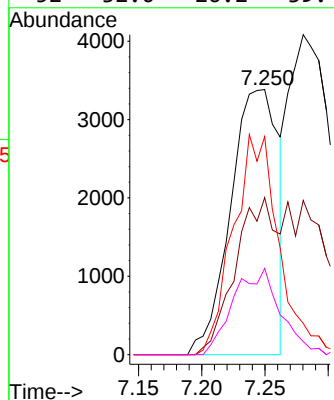
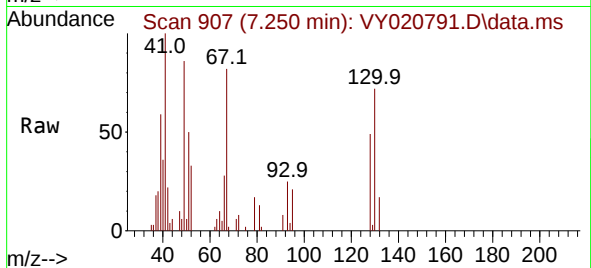




#41
Methacrylonitrile
Concen: 15.995 ug/l
RT: 7.250 min Scan# 90
Delta R.T. 0.024 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

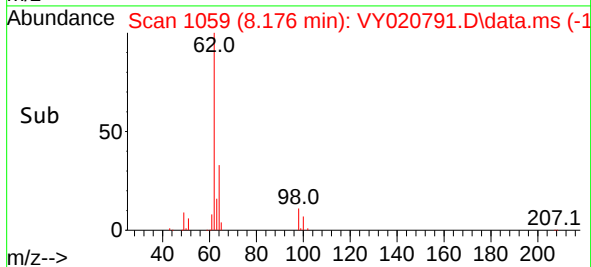
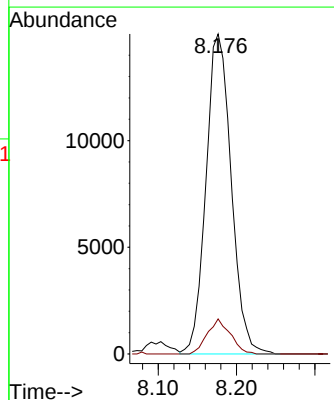
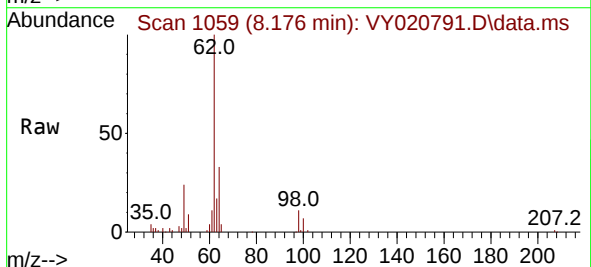
Instrument :
MSVOA_Y
ClientSampleId :

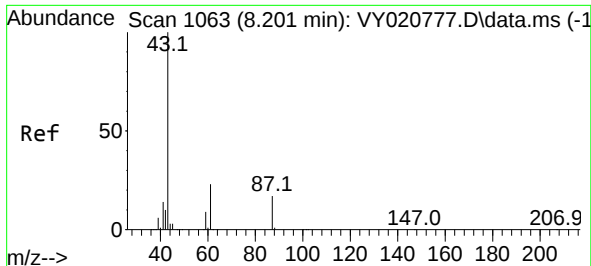
Tgt Ion: 41	Resp: 8868
Ion Ratio	Lower Upper
41 100	
39 52.5	42.4 63.6
67 80.0	67.8 101.8
52 32.0	26.2 39.4



#42
1,2-Dichloroethane
Concen: 16.479 ug/l
RT: 8.176 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 62	Resp: 33601
Ion Ratio	Lower Upper
62 100	
98 10.0	0.0 19.6





#43

Isopropyl Acetate

Concen: 15.183 ug/l

RT: 8.213 min Scan# 1065

Delta R.T. 0.012 min

Lab File: VY020791.D

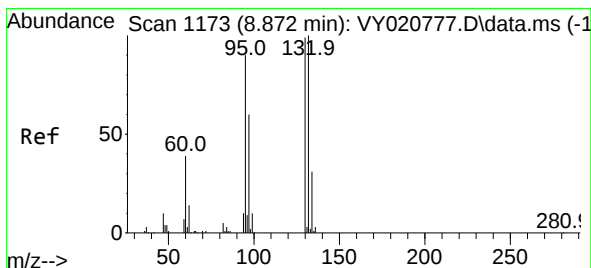
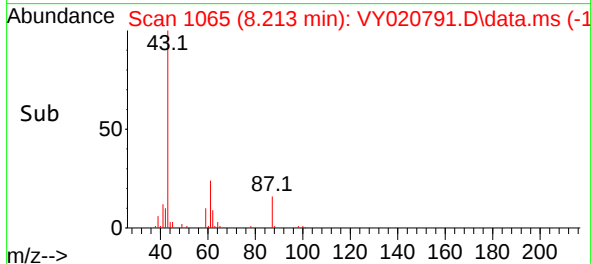
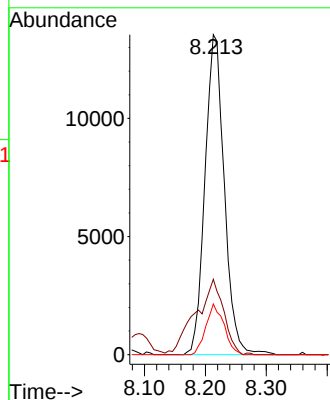
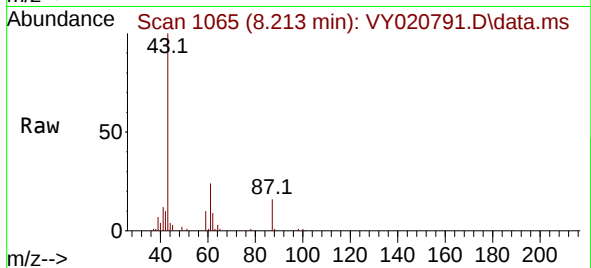
Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 29897
Ion Ratio	Lower Upper
43	100
61	34.1 26.5 39.7
87	14.8 13.4 20.0



#44

Trichloroethene

Concen: 17.434 ug/l

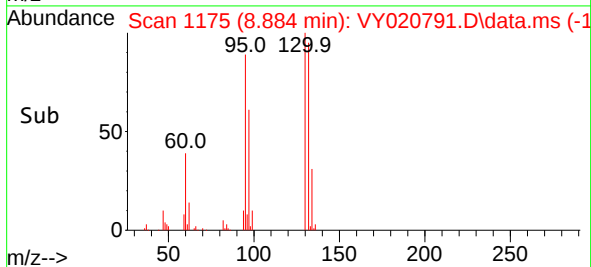
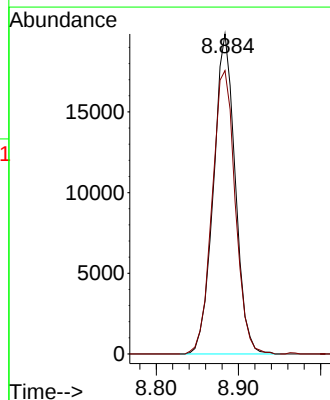
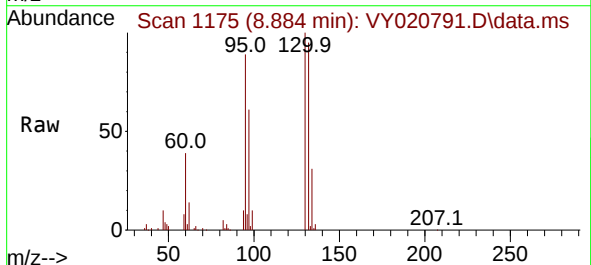
RT: 8.884 min Scan# 1175

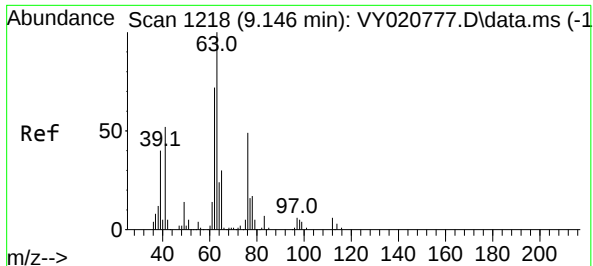
Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Tgt Ion: 130	Resp: 36288
Ion Ratio	Lower Upper
130	100
95	88.5 0.0 181.0





#45

1,2-Dichloropropane

Concen: 18.131 ug/l

RT: 9.158 min Scan# 1220

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

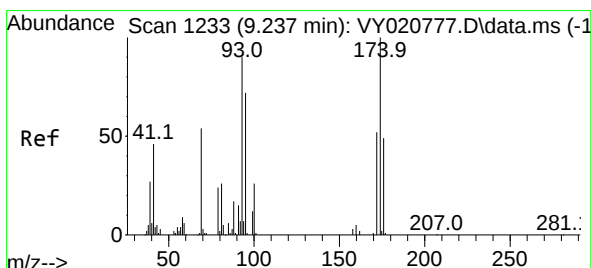
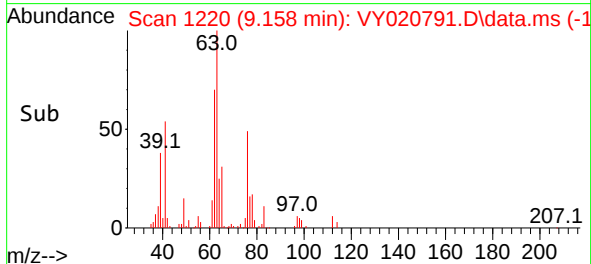
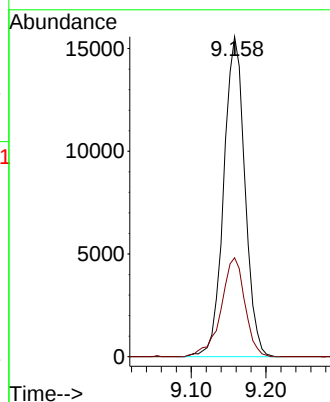
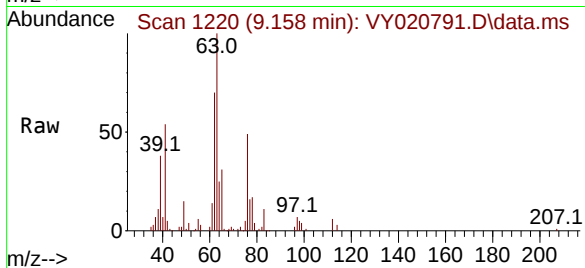
ClientSampleId :

Tgt Ion: 63 Resp: 30690

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.4



#46

Dibromomethane

Concen: 16.468 ug/l

RT: 9.249 min Scan# 1235

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

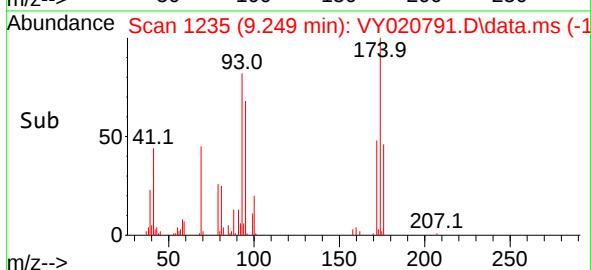
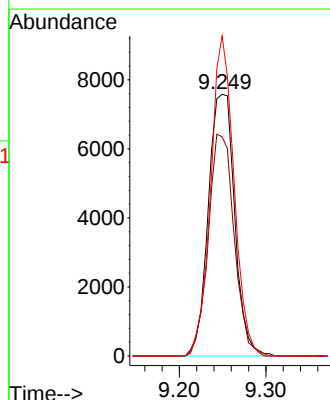
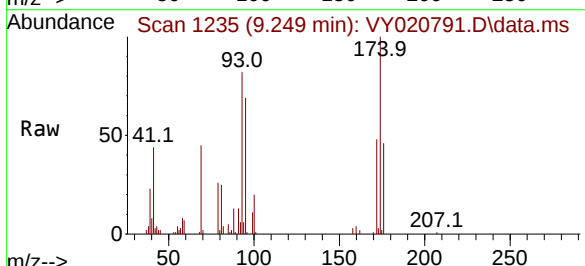
Tgt Ion: 93 Resp: 16007

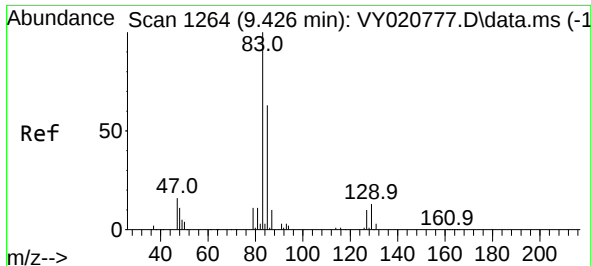
Ion Ratio Lower Upper

93 100

95 82.7 68.2 102.4

174 108.1 89.0 133.6

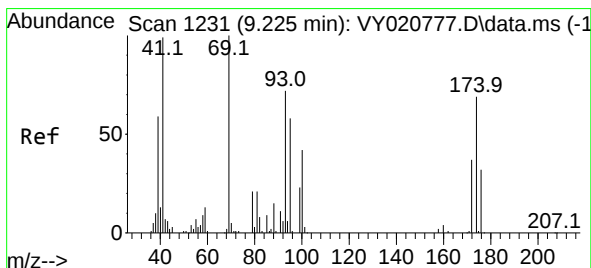
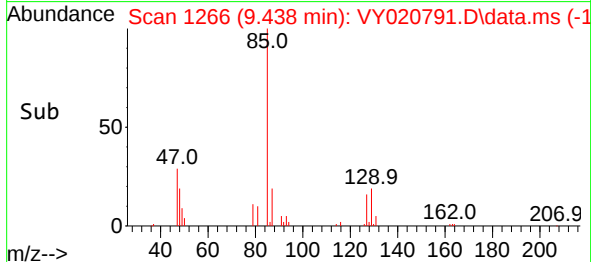
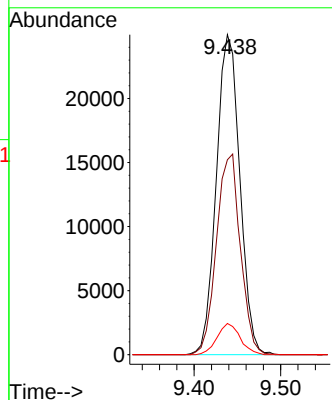
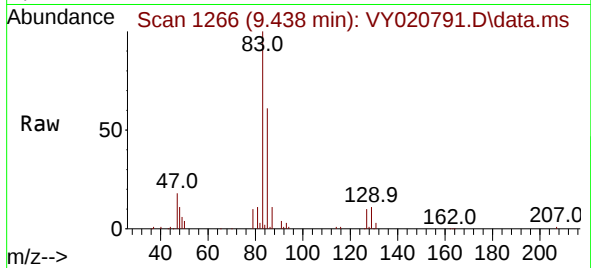




#47
Bromodichloromethane
Concen: 16.914 ug/l
RT: 9.438 min Scan# 1266
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

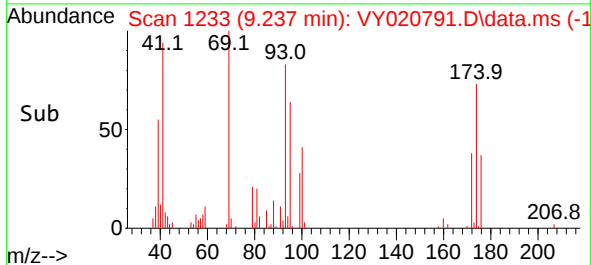
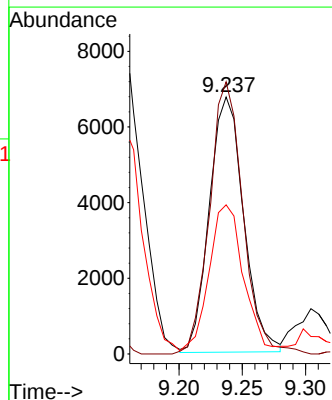
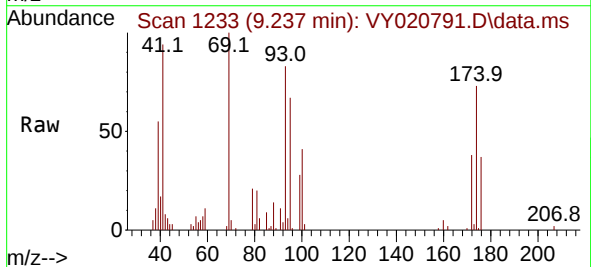
Instrument :
MSVOA_Y
ClientSampleId :

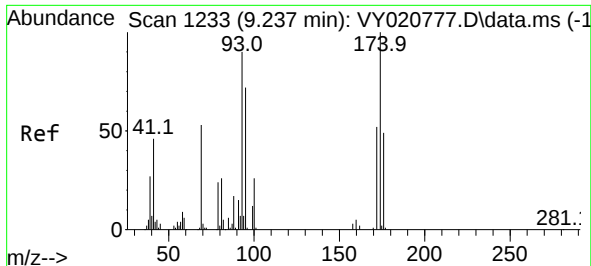
Tgt Ion: 83 Resp: 47083
Ion Ratio Lower Upper
83 100
85 60.9 50.7 76.1
127 9.8 7.9 11.9



#48
Methyl methacrylate
Concen: 14.401 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 41 Resp: 12713
Ion Ratio Lower Upper
41 100
69 103.9 78.9 118.3
39 58.1 44.6 67.0





#49

1,4-Dioxane

Concen: 298.550 ug/l

RT: 9.249 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

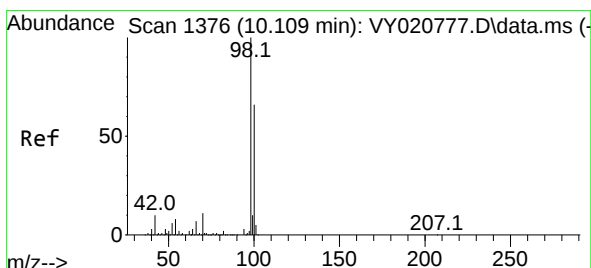
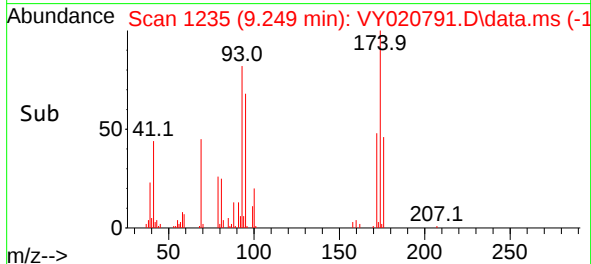
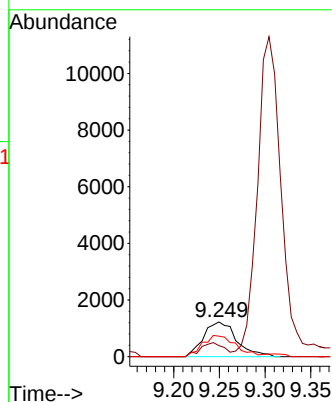
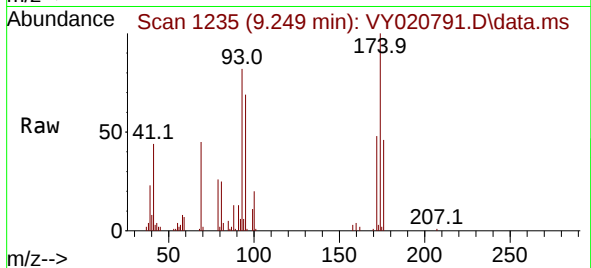
Tgt Ion: 88 Resp: 3081

Ion Ratio Lower Upper

88 100

43 29.0 24.4 36.6

58 61.6 51.0 76.6



#50

Toluene-d8

Concen: 48.530 ug/l

RT: 10.121 min Scan# 1378

Delta R.T. 0.012 min

Lab File: VY020791.D

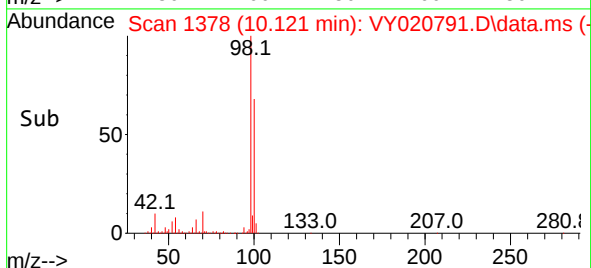
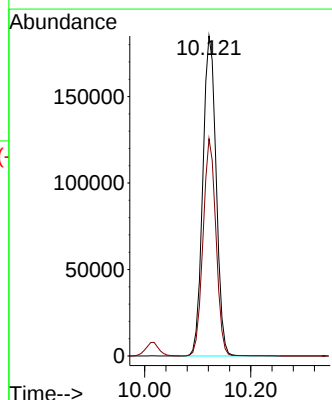
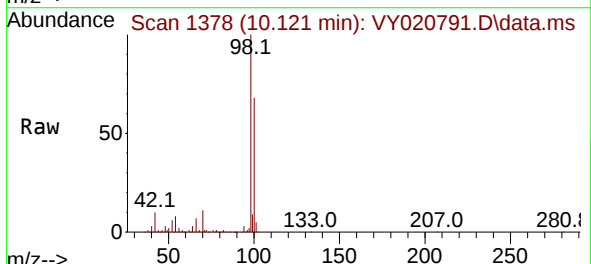
Acq: 07 Jan 2025 14:09

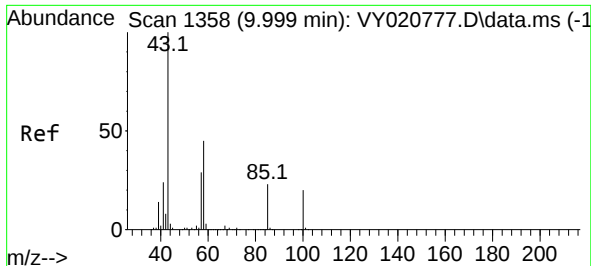
Tgt Ion: 98 Resp: 322668

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7

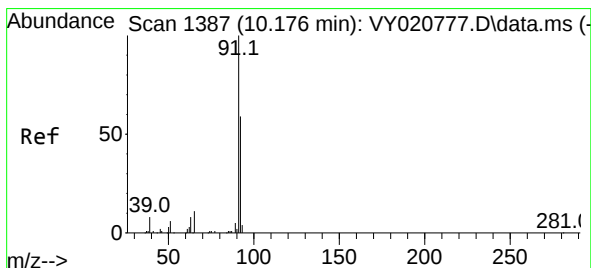
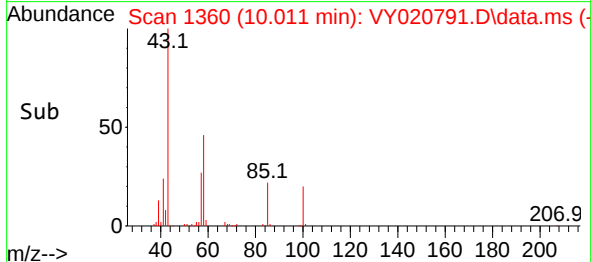
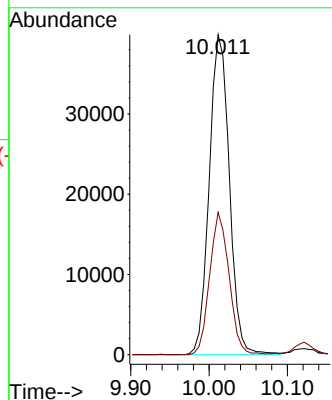
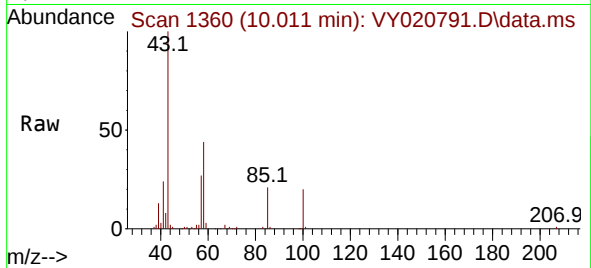




#51
4-Methyl-2-Pentanone
Concen: 72.382 ug/l
RT: 10.011 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

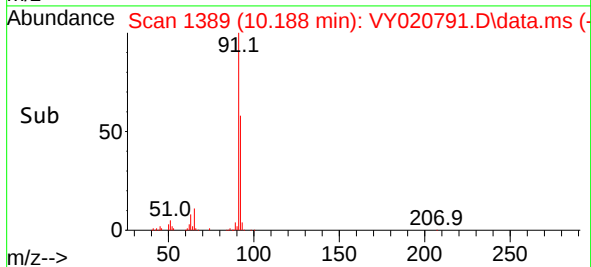
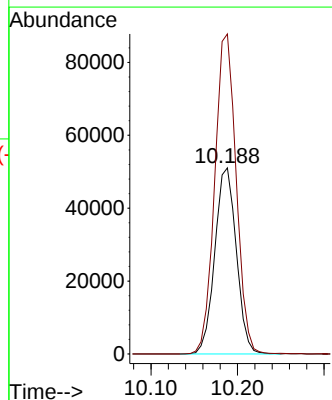
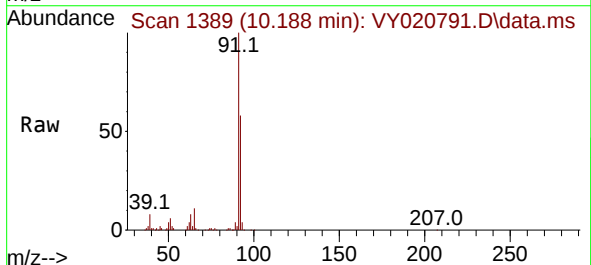
Instrument :
MSVOA_Y
ClientSampleId :

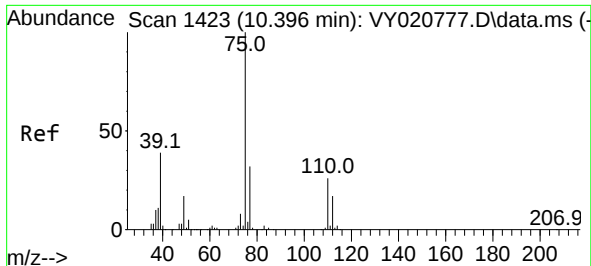
Tgt Ion: 43 Resp: 71205
Ion Ratio Lower Upper
43 100
58 42.8 34.8 52.2



#52
Toluene
Concen: 17.809 ug/l
RT: 10.188 min Scan# 1389
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 92 Resp: 88054
Ion Ratio Lower Upper
92 100
91 171.6 136.6 204.8

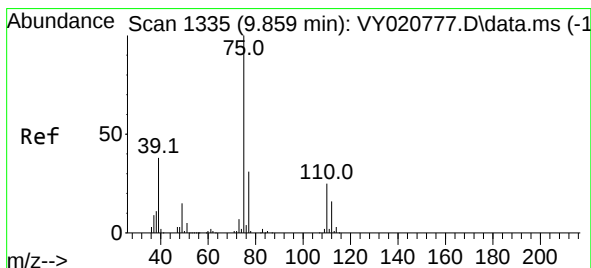
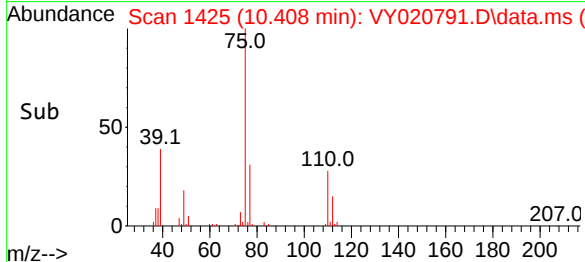
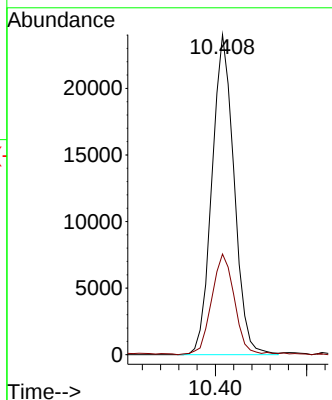
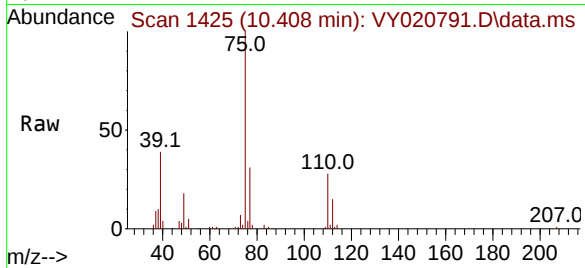




#53
t-1,3-Dichloropropene
Concen: 16.290 ug/l
RT: 10.408 min Scan# 1425
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

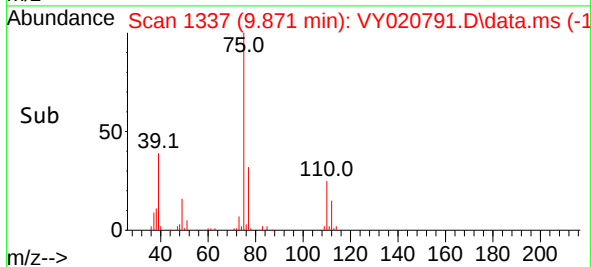
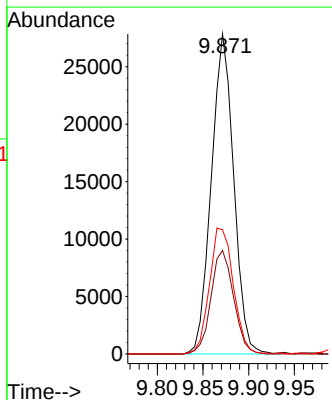
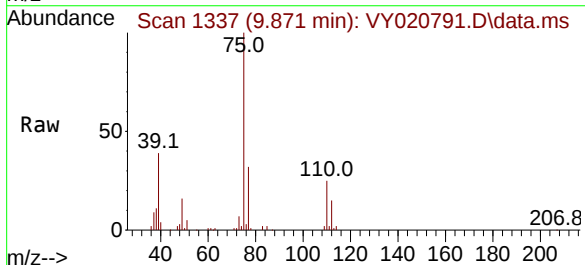
Instrument :
MSVOA_Y
ClientSampleId :

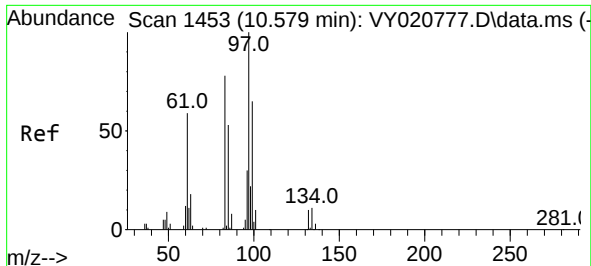
Tgt Ion: 75 Resp: 40331
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 16.490 ug/l
RT: 9.871 min Scan# 1337
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 75 Resp: 47416
Ion Ratio Lower Upper
75 100
77 32.4 24.5 36.7
39 38.8 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 16.069 ug/l

RT: 10.585 min Scan# 1454

Delta R.T. 0.006 min

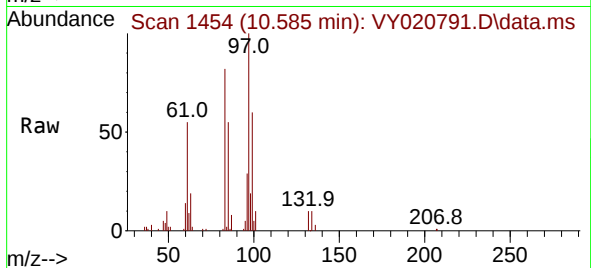
Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 22314

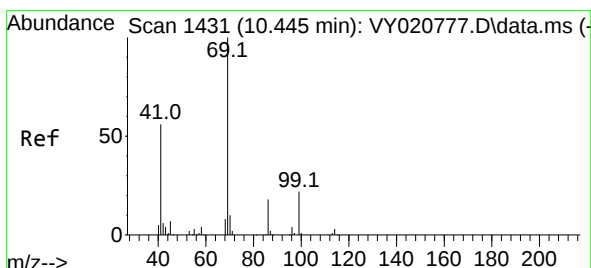
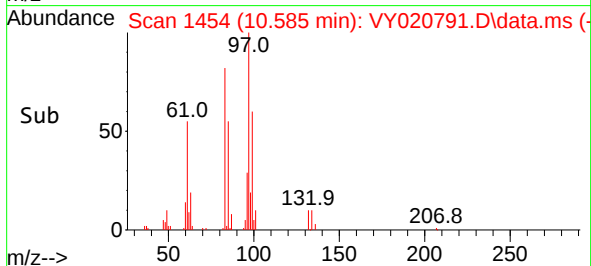
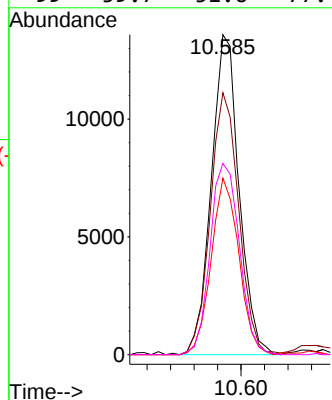
Ion Ratio Lower Upper

97 100

83 81.9 62.8 94.2

85 55.1 42.4 63.6

99 59.7 51.6 77.4



#56

Ethyl methacrylate

Concen: 15.331 ug/l

RT: 10.450 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

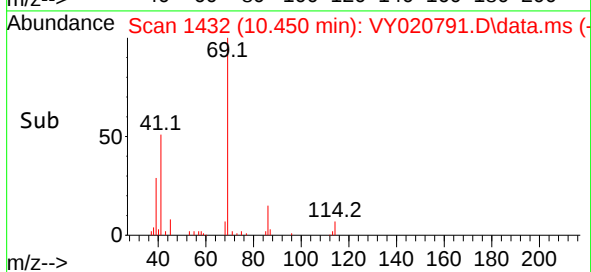
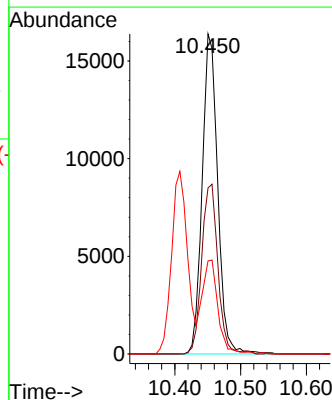
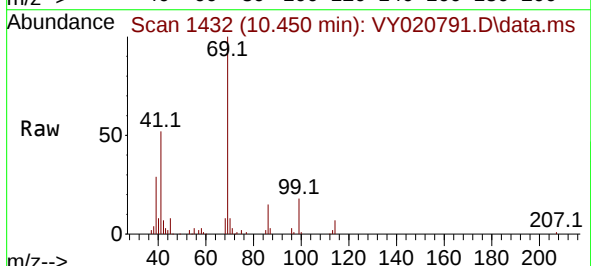
Tgt Ion: 69 Resp: 26886

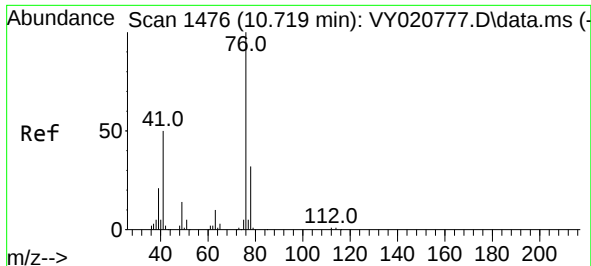
Ion Ratio Lower Upper

69 100

41 55.0 46.6 69.8

39 30.2 25.7 38.5





#57

1,3-Dichloropropane

Concen: 16.271 ug/l

RT: 10.731 min Scan# 1476

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

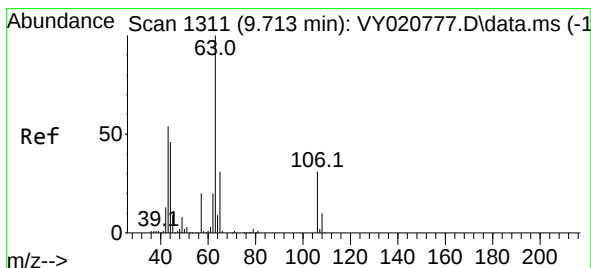
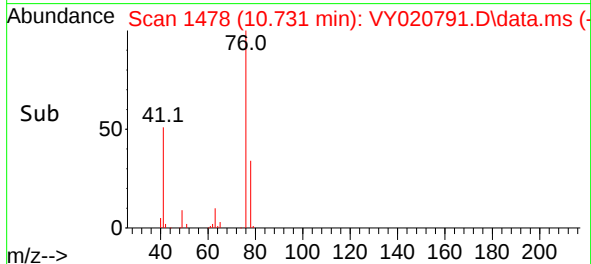
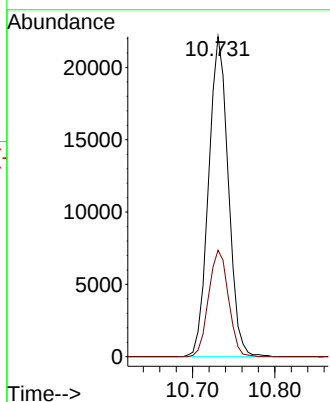
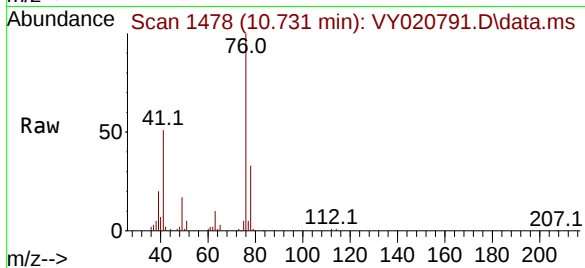
ClientSampleId :

Tgt Ion: 76 Resp: 36828

Ion Ratio Lower Upper

76 100

78 33.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 71.824 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY020791.D

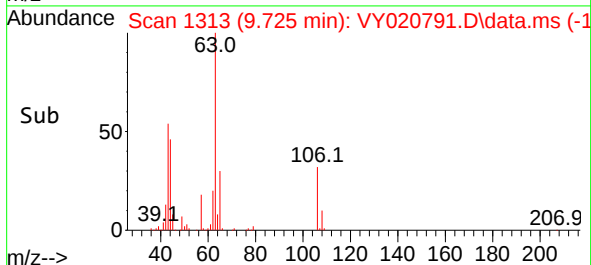
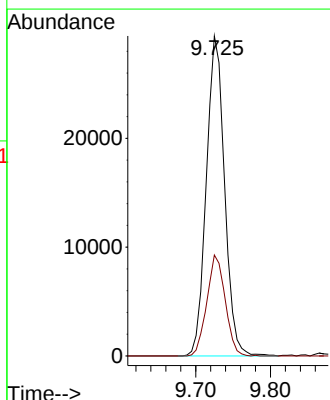
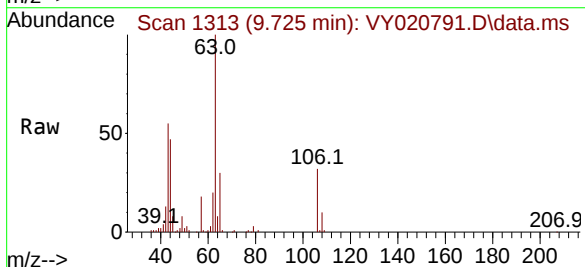
Acq: 07 Jan 2025 14:09

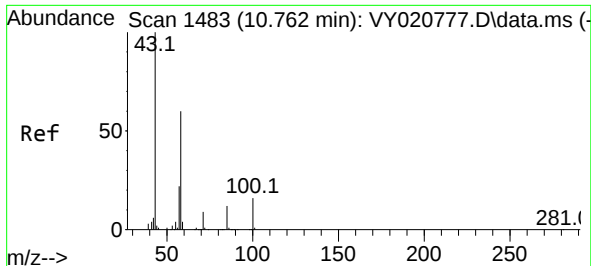
Tgt Ion: 63 Resp: 49968

Ion Ratio Lower Upper

63 100

106 31.7 25.9 38.9

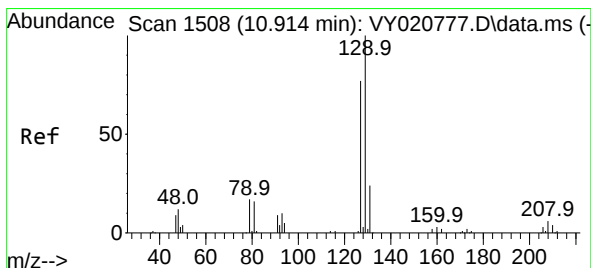
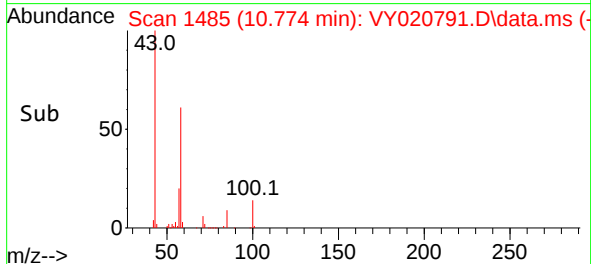
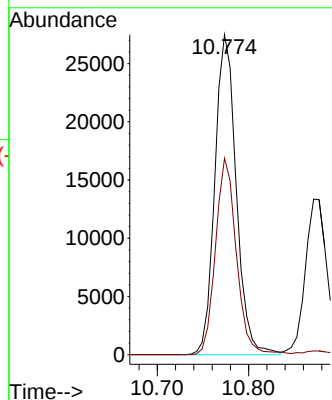
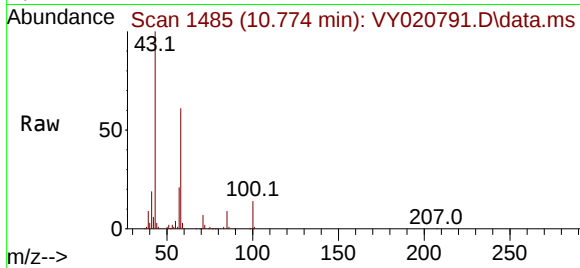




#59
2-Hexanone
Concen: 70.727 ug/l
RT: 10.774 min Scan# 1483
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

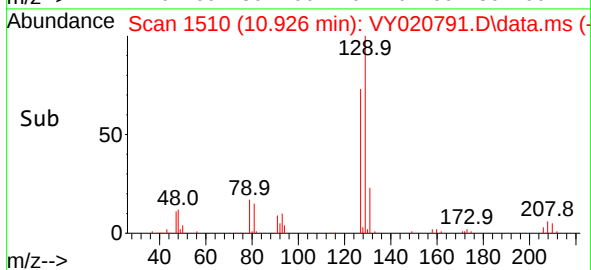
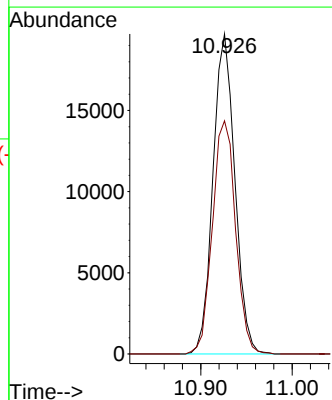
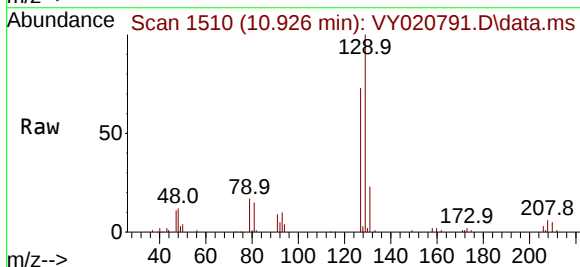
Instrument :
MSVOA_Y
ClientSampleId :

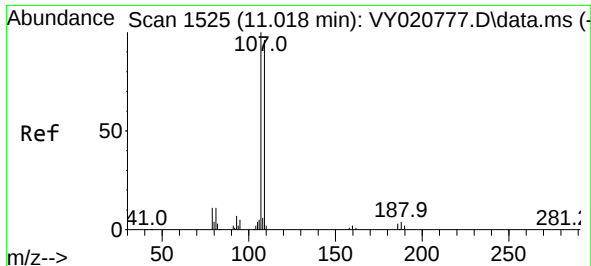
Tgt Ion: 43 Resp: 44637
Ion Ratio Lower Upper
43 100
58 59.9 30.6 92.0



#60
Dibromochloromethane
Concen: 16.261 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion:129 Resp: 32748
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9

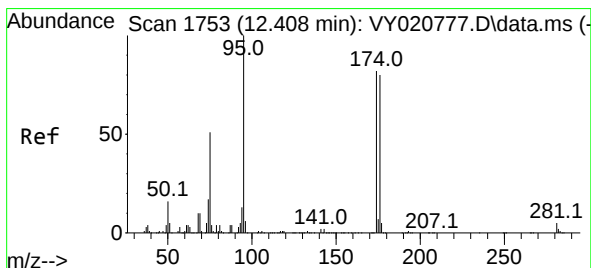
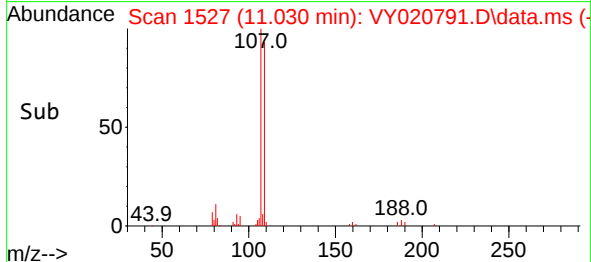
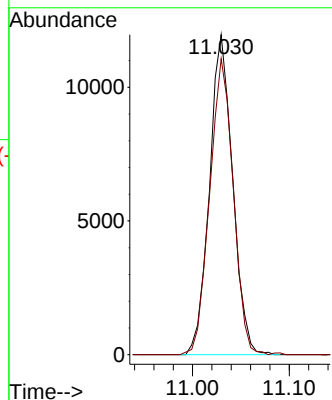
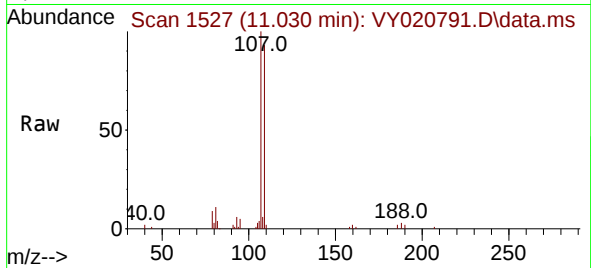




#61
1,2-Dibromoethane
Concen: 15.980 ug/l
RT: 11.030 min Scan# 1527
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

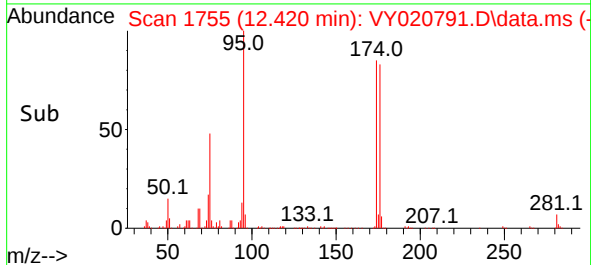
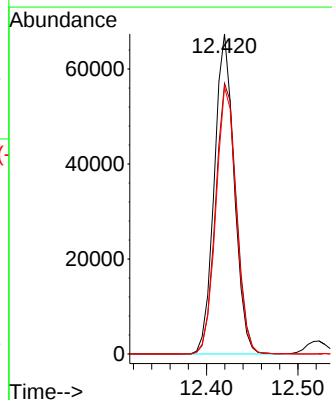
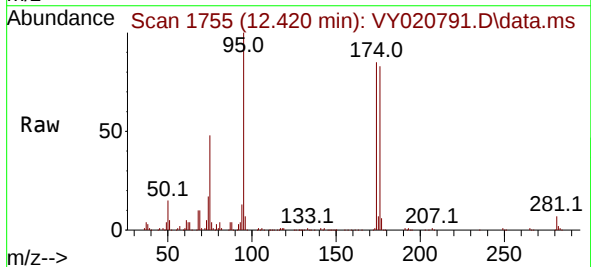
Instrument :
MSVOA_Y
ClientSampleId :

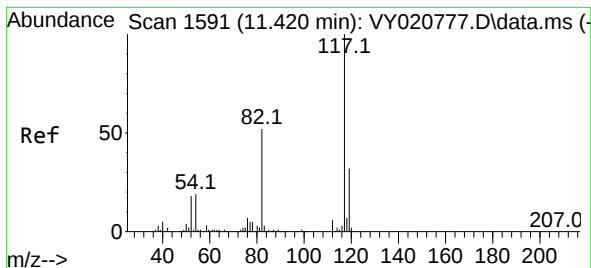
Tgt Ion:107 Resp: 19922
Ion Ratio Lower Upper
107 100
109 93.7 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 41.455 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 95 Resp: 101785
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.0
176 85.5 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. 0.012 min

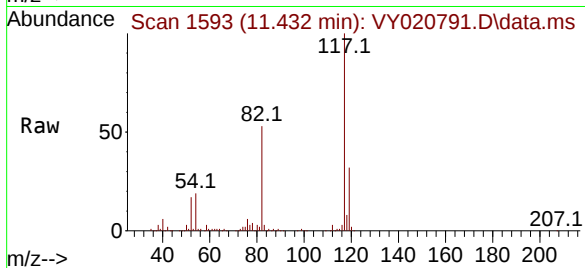
Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :



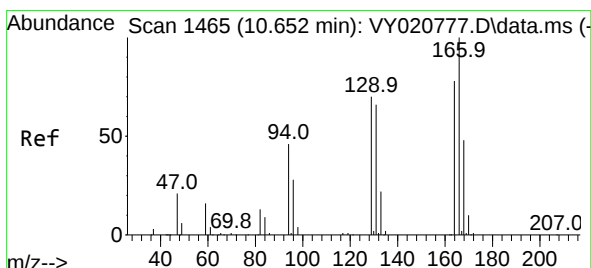
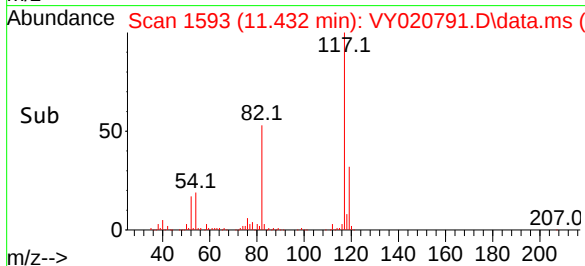
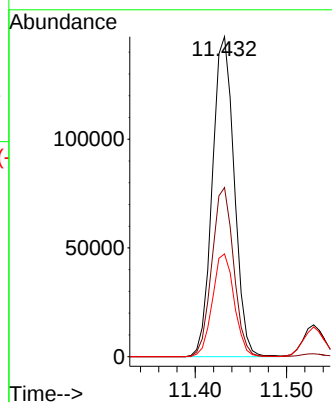
Tgt Ion:117 Resp: 244590

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.6

119 32.1 25.8 38.8



#64

Tetrachloroethene

Concen: 18.059 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Tgt Ion:164 Resp: 32475

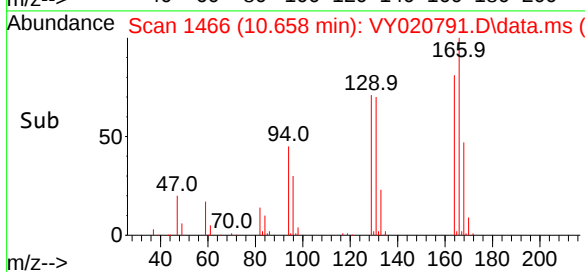
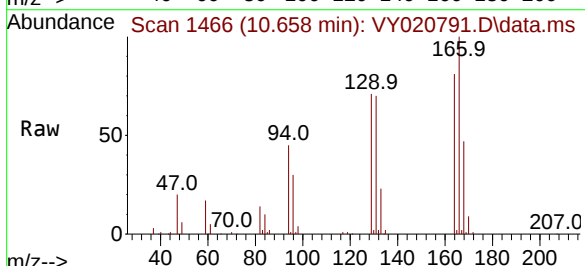
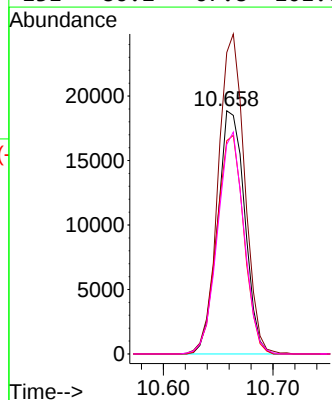
Ion Ratio Lower Upper

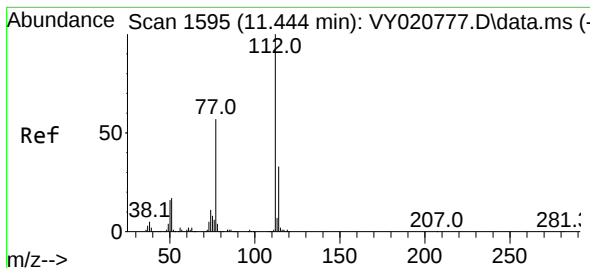
164 100

166 124.0 102.0 153.0

129 87.7 71.4 107.2

131 86.2 67.8 101.6





#65

Chlorobenzene

Concen: 17.883 ug/l

RT: 11.456 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

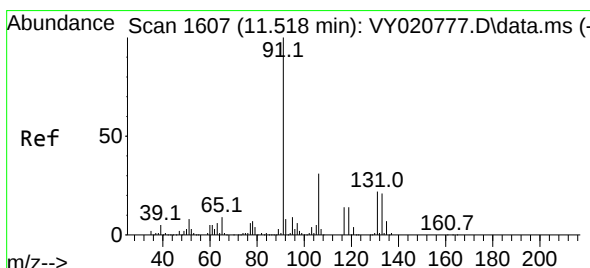
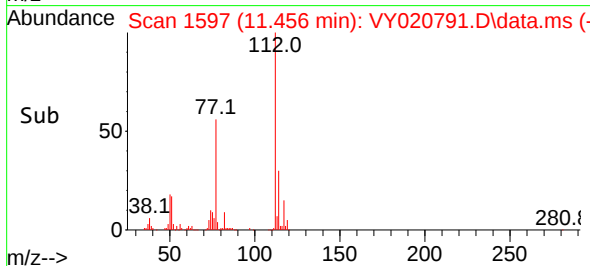
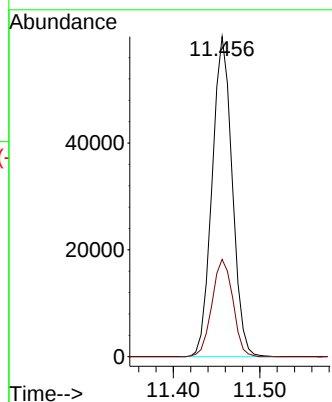
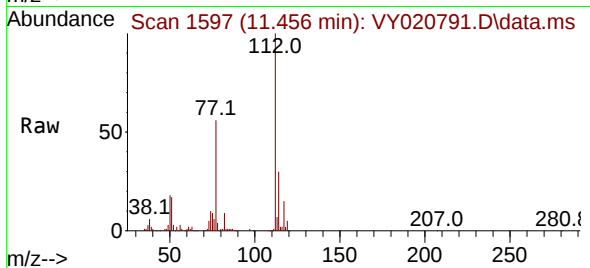
ClientSampleId :

Tgt Ion:112 Resp: 96708

Ion Ratio Lower Upper

112 100

114 30.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 17.332 ug/l

RT: 11.529 min Scan# 1609

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

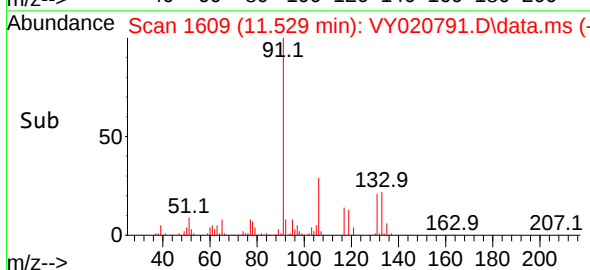
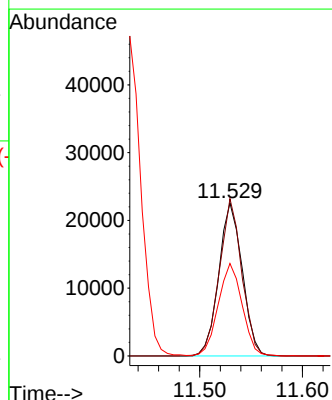
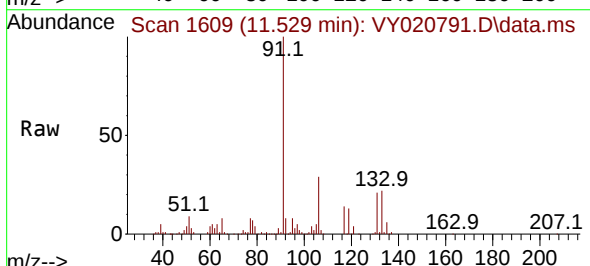
Tgt Ion:131 Resp: 35681

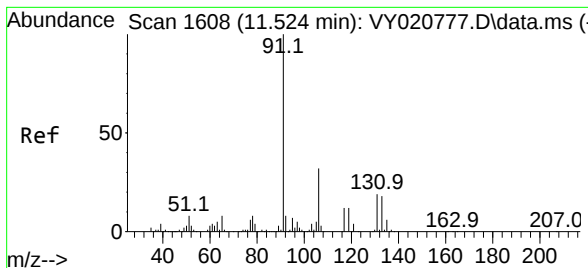
Ion Ratio Lower Upper

131 100

133 98.5 46.9 140.8

119 61.9 30.2 90.6





#67

Ethyl Benzene

Concen: 18.259 ug/l

RT: 11.536 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

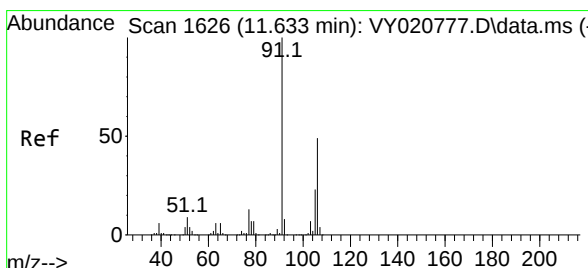
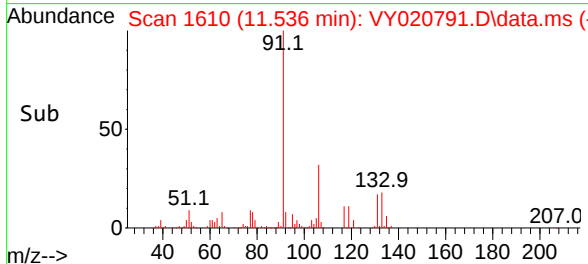
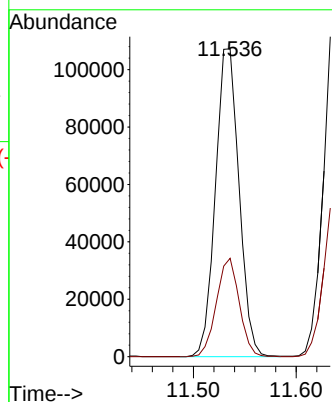
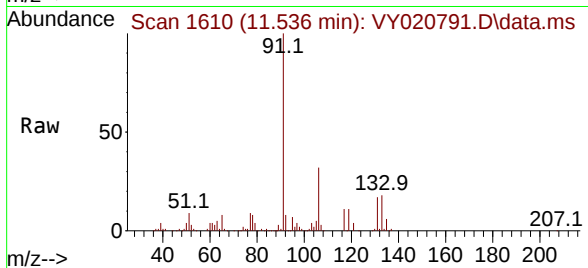
ClientSampleId :

Tgt Ion: 91 Resp: 170957

Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3



#68

m/p-Xylenes

Concen: 35.996 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020791.D

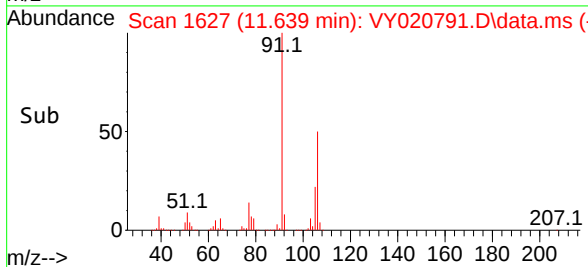
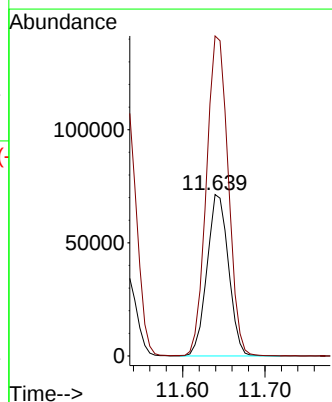
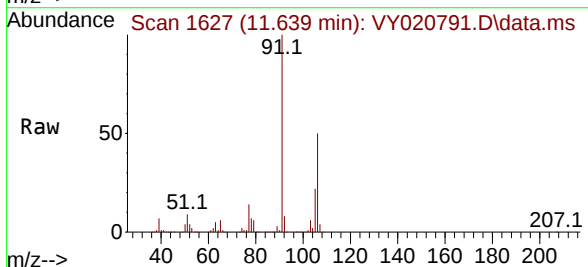
Acq: 07 Jan 2025 14:09

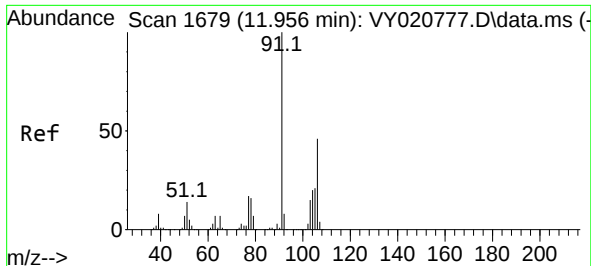
Tgt Ion:106 Resp: 129760

Ion Ratio Lower Upper

106 100

91 201.2 162.6 243.8

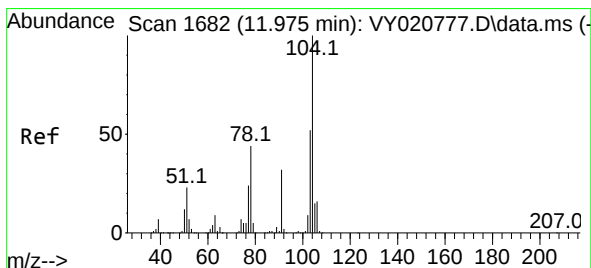
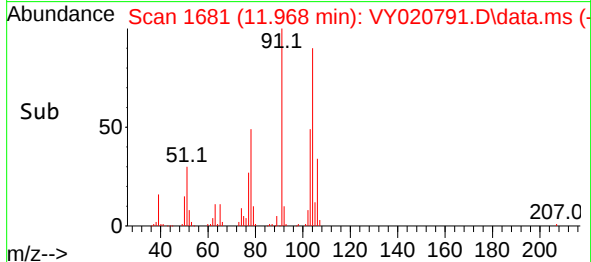
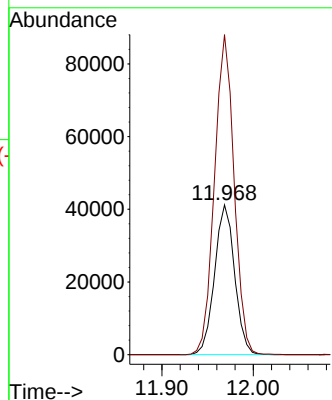
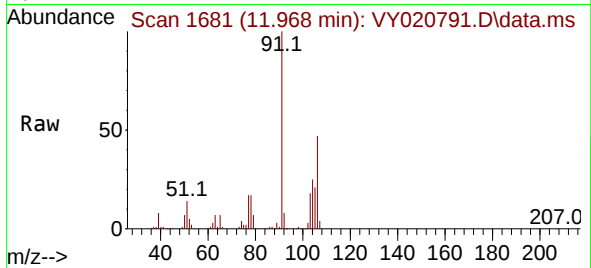




#69
o-Xylene
Concen: 18.363 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

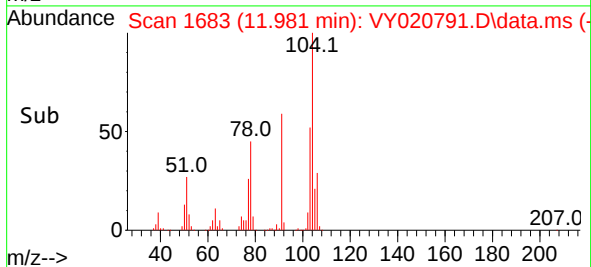
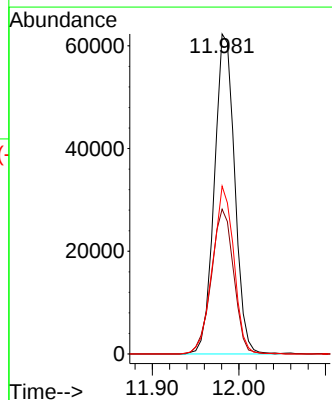
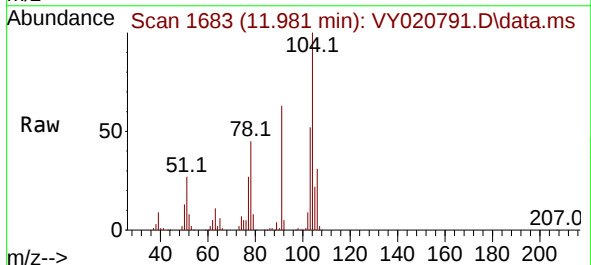
Instrument :
MSVOA_Y
ClientSampleId :

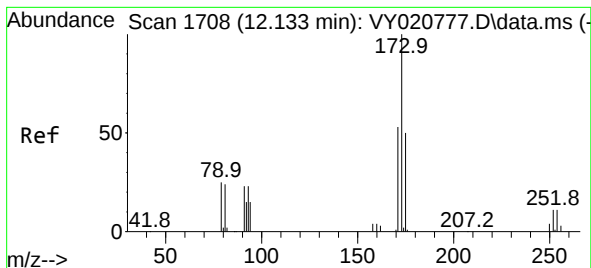
Tgt Ion:106 Resp: 62763
Ion Ratio Lower Upper
106 100
91 209.4 108.2 324.6



#70
Styrene
Concen: 17.681 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion:104 Resp: 101727
Ion Ratio Lower Upper
104 100
78 49.6 39.4 59.2
103 54.9 44.0 66.0





#71

Bromoform

Concen: 15.690 ug/l

RT: 12.145 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

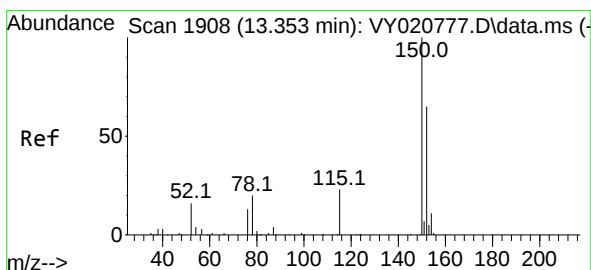
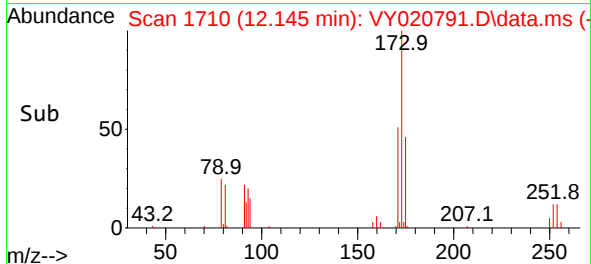
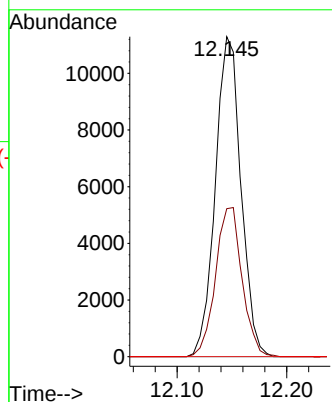
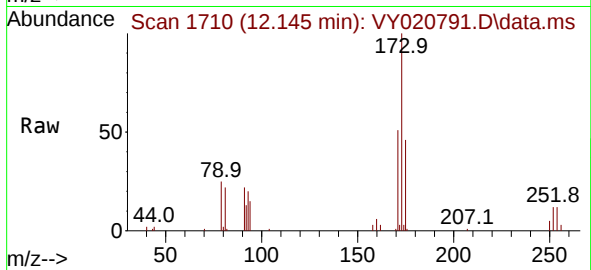
Tgt Ion:173 Resp: 18362

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

254 0.0 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: VY020791.D

Acq: 07 Jan 2025 14:09

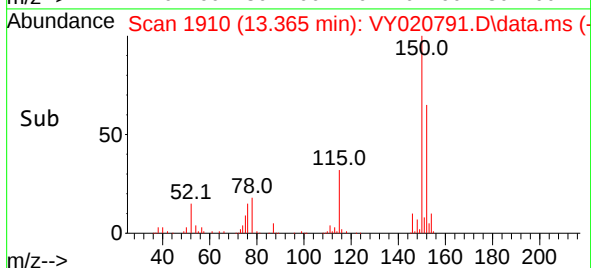
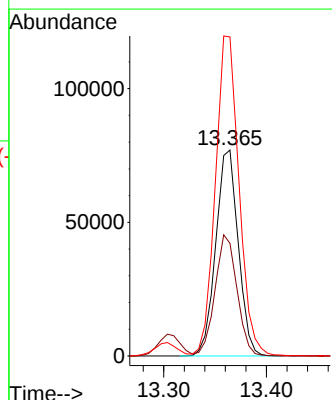
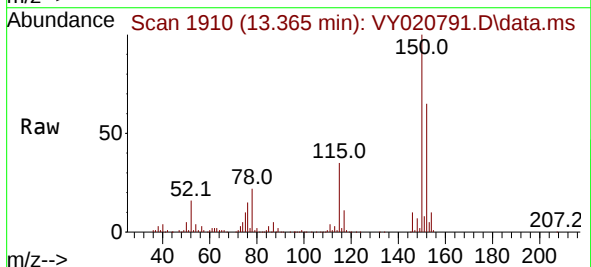
Tgt Ion:152 Resp: 116921

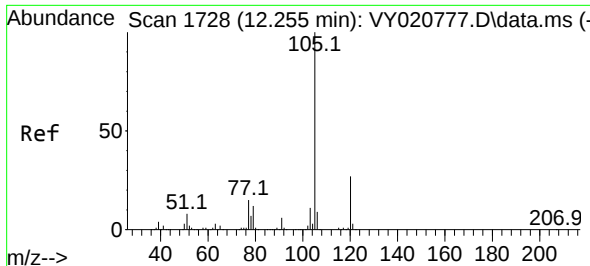
Ion Ratio Lower Upper

152 100

115 57.6 29.0 87.0

150 163.5 0.0 347.4

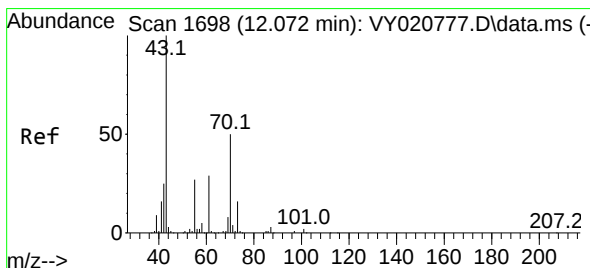
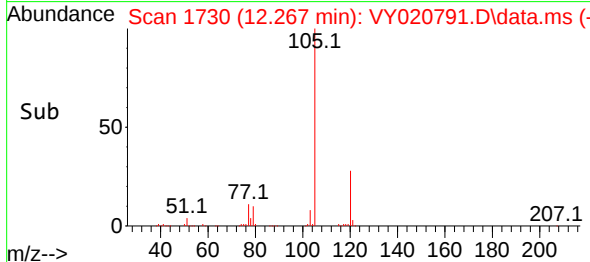
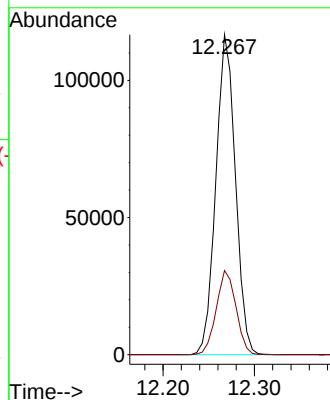
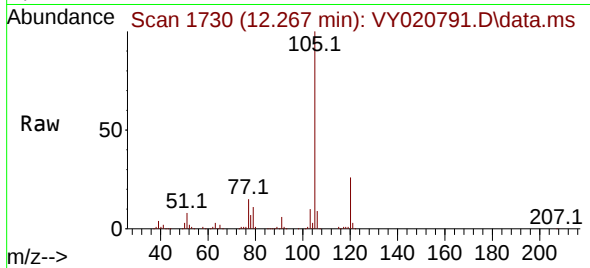




#73
Isopropylbenzene
Concen: 18.732 ug/l
RT: 12.267 min Scan# 1700
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

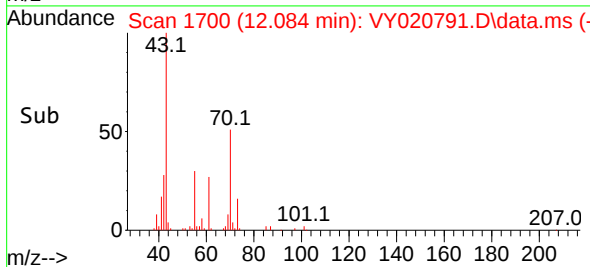
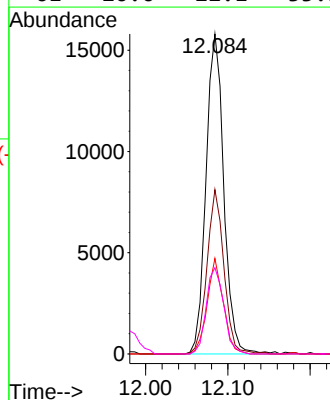
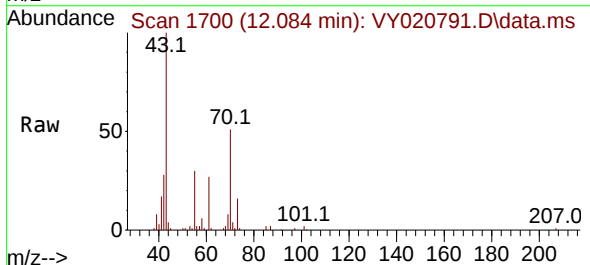
Instrument :
MSVOA_Y
ClientSampleId :

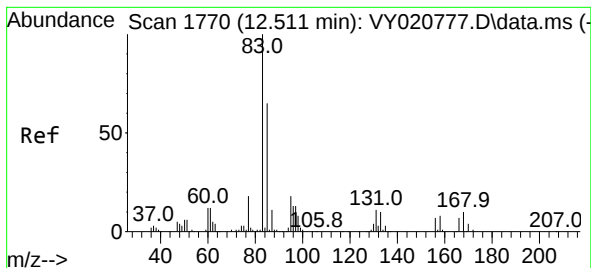
Tgt Ion:105 Resp: 173754
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 15.699 ug/l
RT: 12.084 min Scan# 1700
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 43 Resp: 23819
Ion Ratio Lower Upper
43 100
70 49.0 40.2 60.4
55 27.0 21.2 31.8
61 26.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 16.438 ug/l

RT: 12.523 min Scan# 1772

Delta R.T. 0.012 min

Lab File: VY020791.D

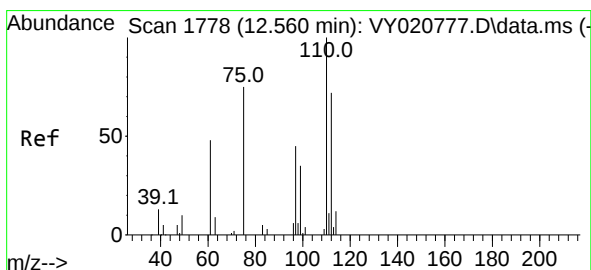
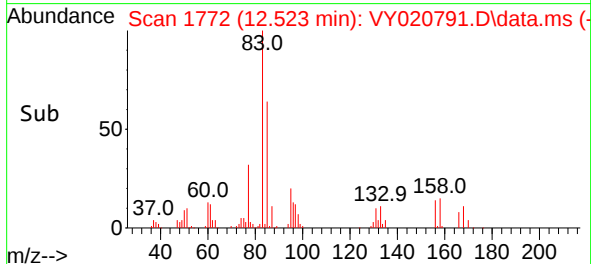
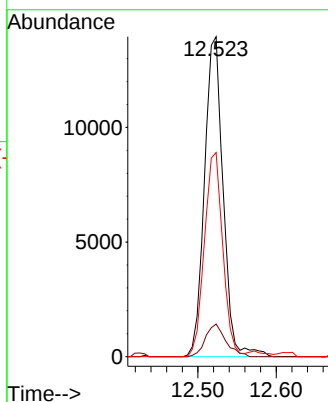
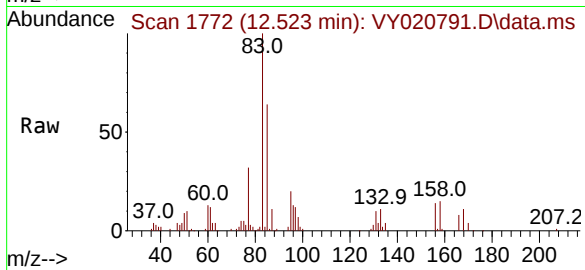
Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp:	23110
Ion Ratio	Lower	Upper
83	100	
131	11.1	6.0 18.0
85	62.7	32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 29.166 ug/l

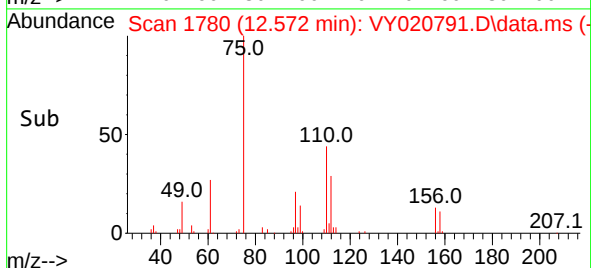
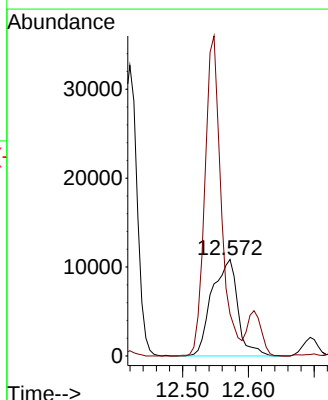
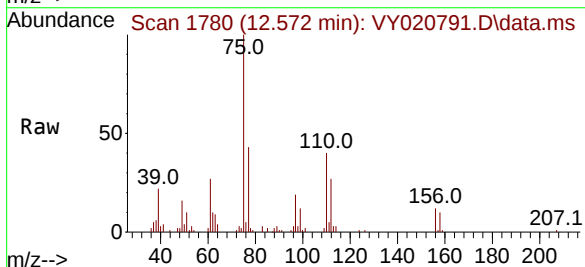
RT: 12.572 min Scan# 1780

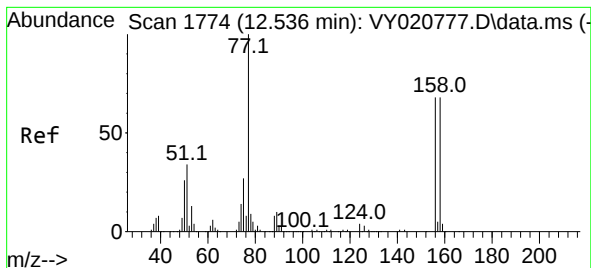
Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Tgt Ion: 75	Resp:	29838
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0 0.0





#77

Bromobenzene

Concen: 17.652 ug/l

RT: 12.548 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

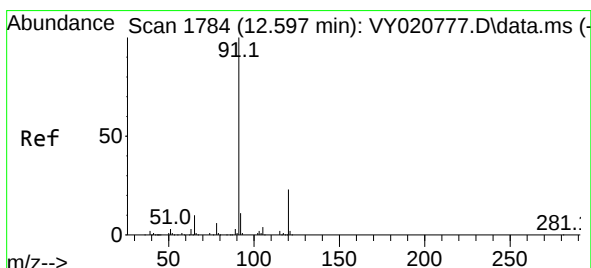
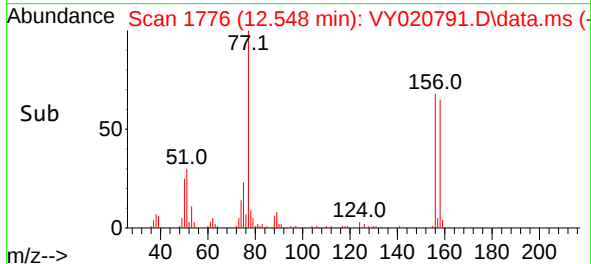
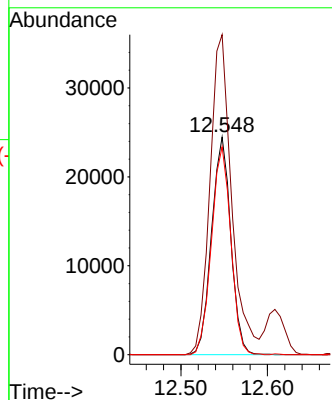
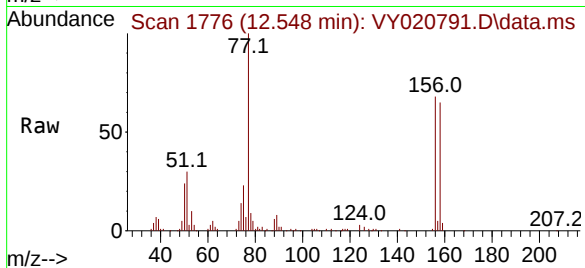
Tgt Ion:156 Resp: 37749

Ion Ratio Lower Upper

156 100

77 165.6 82.3 247.0

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 19.149 ug/l

RT: 12.609 min Scan# 1786

Delta R.T. 0.012 min

Lab File: VY020791.D

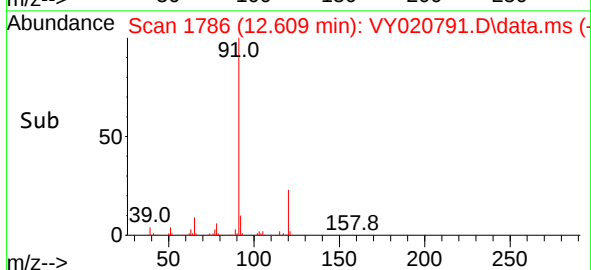
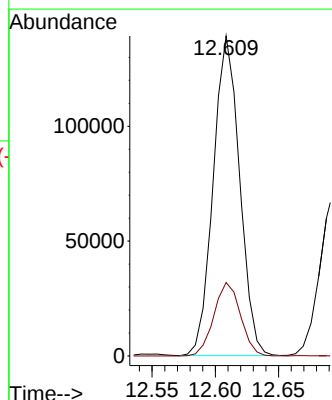
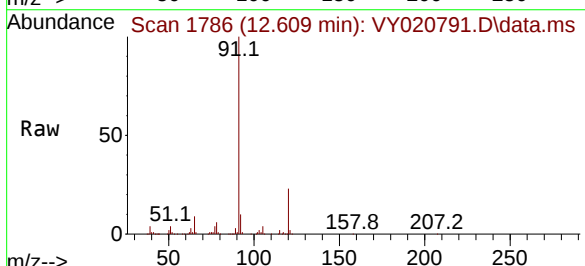
Acq: 07 Jan 2025 14:09

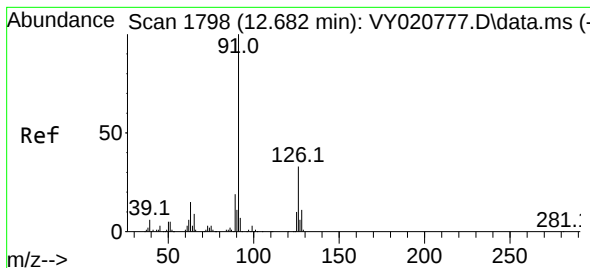
Tgt Ion: 91 Resp: 201600

Ion Ratio Lower Upper

91 100

120 23.2 12.0 36.1

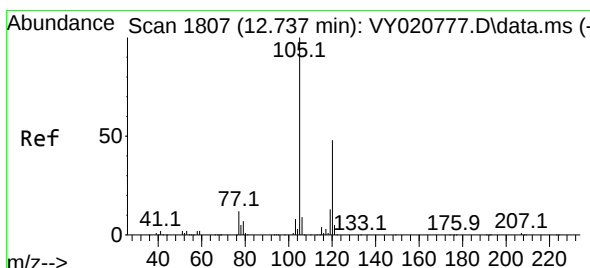
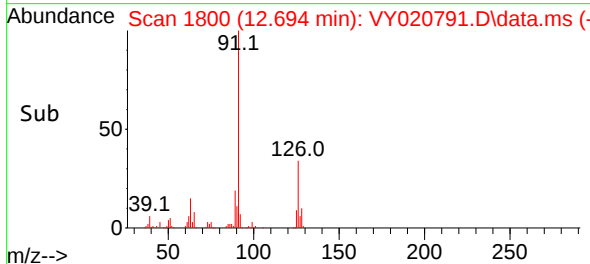
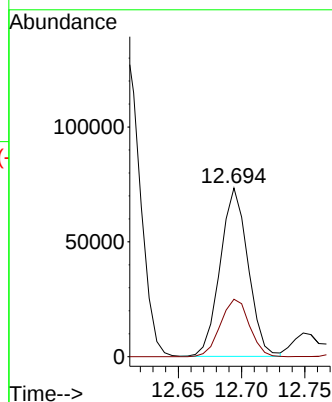
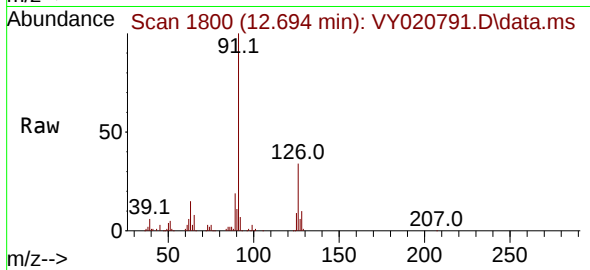




#79
2-Chlorotoluene
Concen: 18.574 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

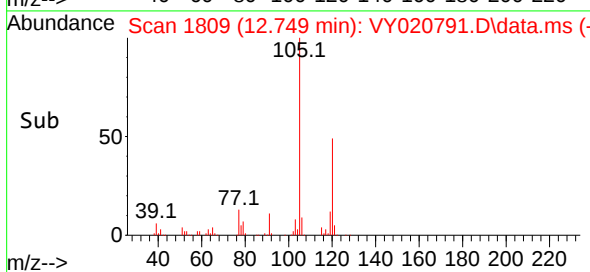
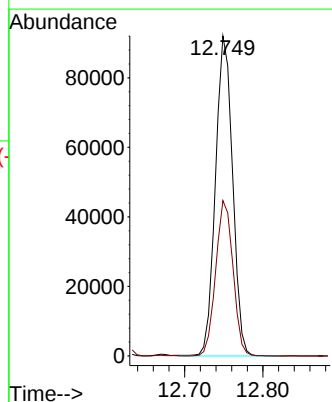
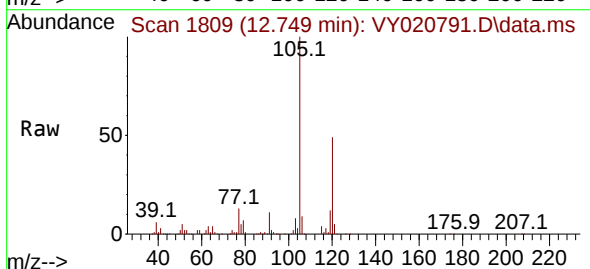
Instrument :
MSVOA_Y
ClientSampleId :

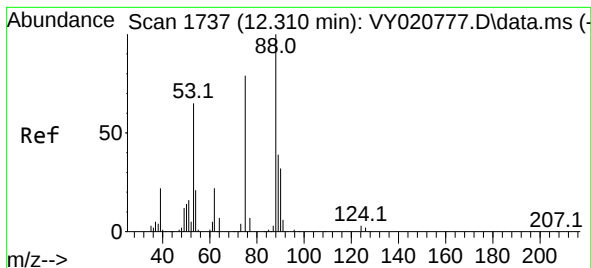
Tgt Ion: 91 Resp: 112611
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 18.632 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 105 Resp: 140055
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

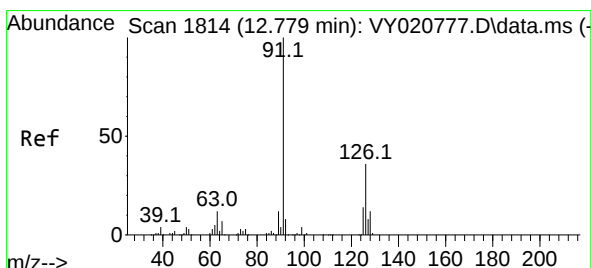
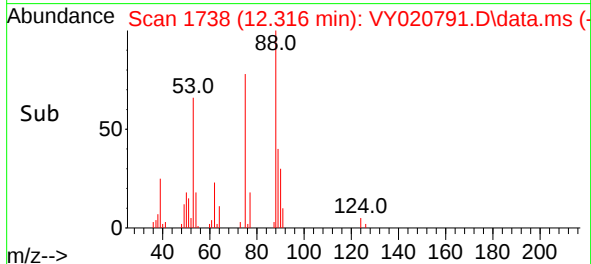
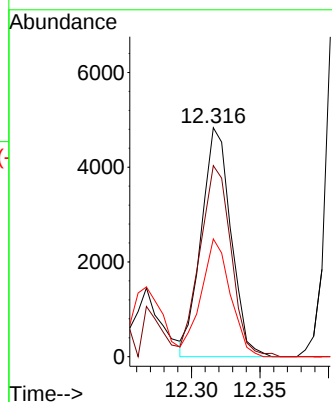
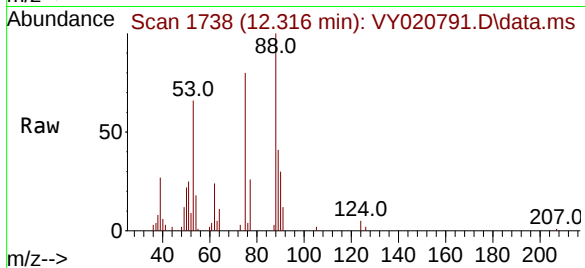




#81
trans-1,4-Dichloro-2-butene
Concen: 14.992 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

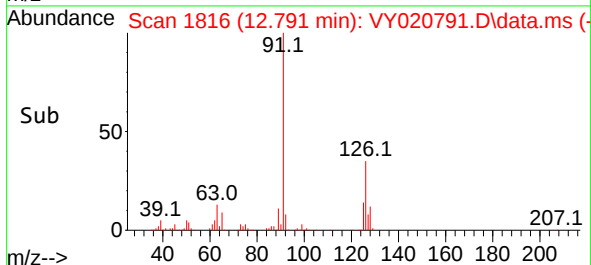
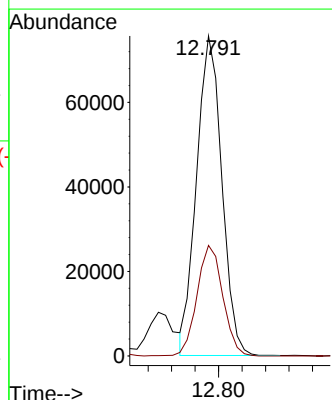
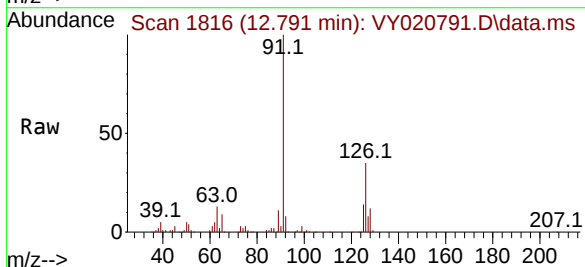
Instrument :
MSVOA_Y
ClientSampleId :

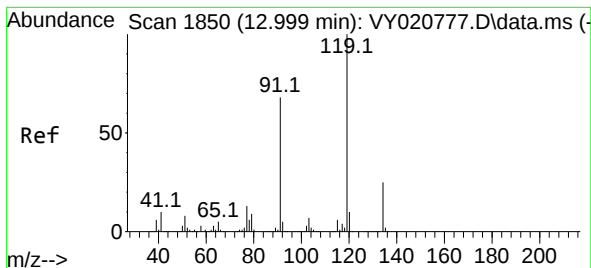
Tgt Ion: 75 Resp: 7274
Ion Ratio Lower Upper
75 100
53 87.1 69.4 104.0
89 50.9 39.6 59.4



#82
4-Chlorotoluene
Concen: 18.051 ug/l
RT: 12.791 min Scan# 1816
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 91 Resp: 112941
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7





#83

tert-Butylbenzene

Concen: 18.699 ug/l

RT: 13.011 min Scan# 1850

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

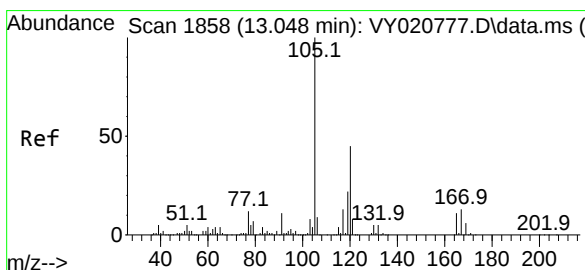
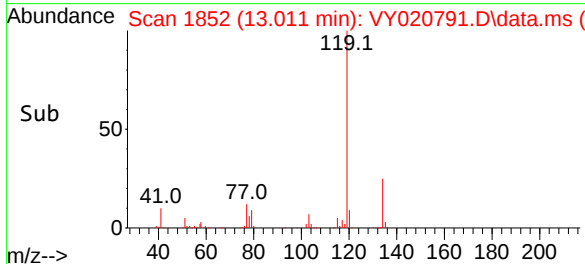
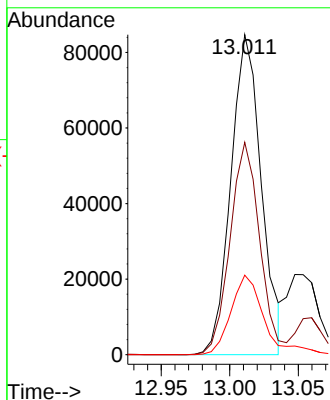
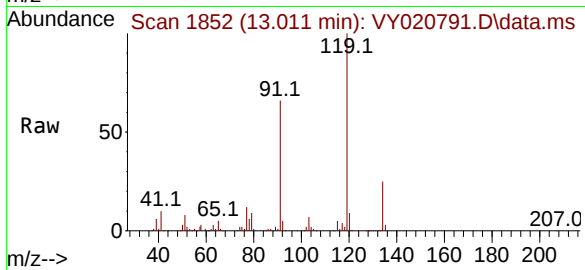
Tgt Ion:119 Resp: 131466

Ion Ratio Lower Upper

119 100

91 64.8 33.0 98.9

134 27.0 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 18.509 ug/l

RT: 13.060 min Scan# 1860

Delta R.T. 0.012 min

Lab File: VY020791.D

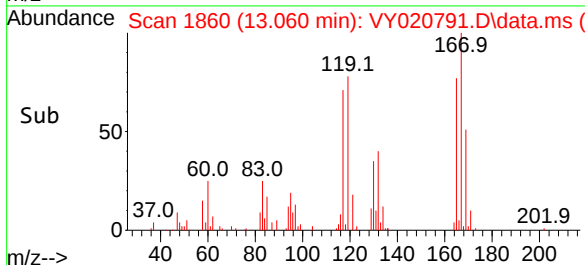
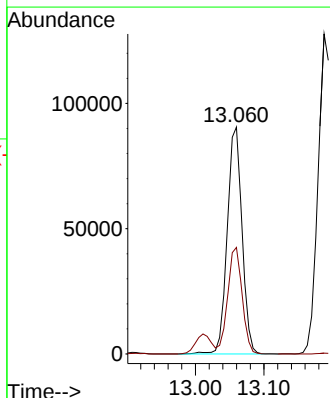
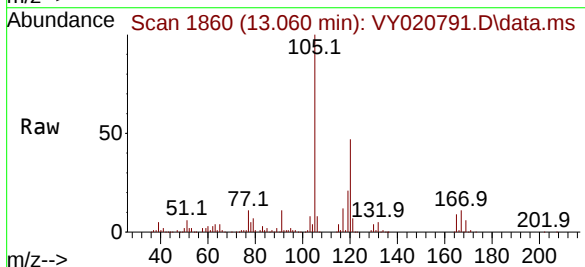
Acq: 07 Jan 2025 14:09

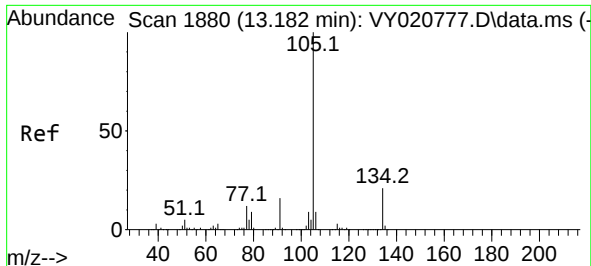
Tgt Ion:105 Resp: 135866

Ion Ratio Lower Upper

105 100

120 45.9 22.4 67.2

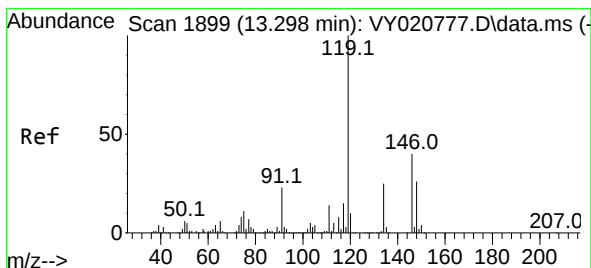
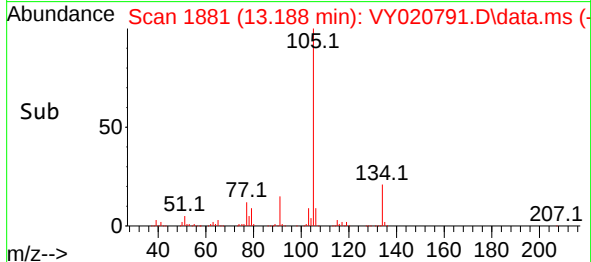
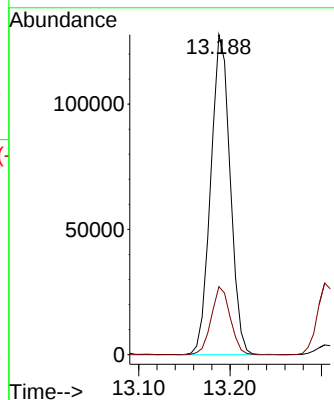
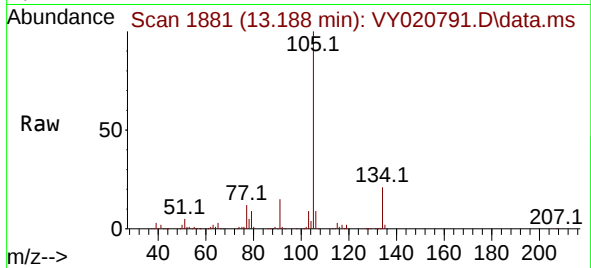




#85
 sec-Butylbenzene
 Concen: 19.197 ug/l
 RT: 13.188 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020791.D
 Acq: 07 Jan 2025 14:09

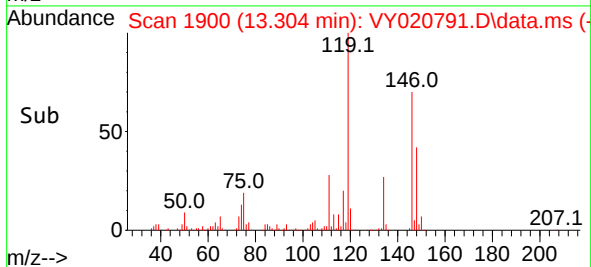
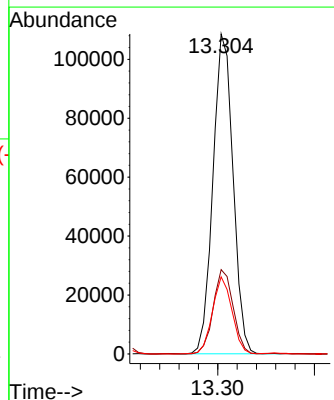
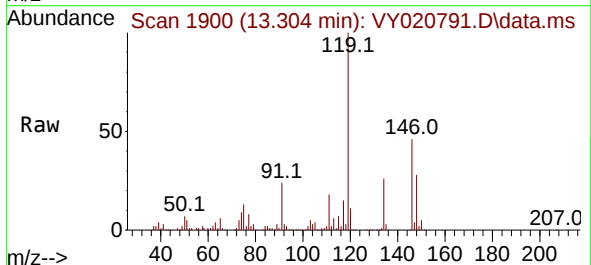
Instrument :
 MSVOA_Y
 ClientSampleId :

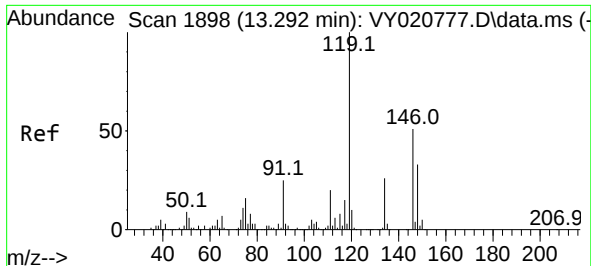
Tgt Ion:105 Resp: 188520
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 18.676 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY020791.D
 Acq: 07 Jan 2025 14:09

Tgt Ion:119 Resp: 156455
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 23.4 11.8 35.3

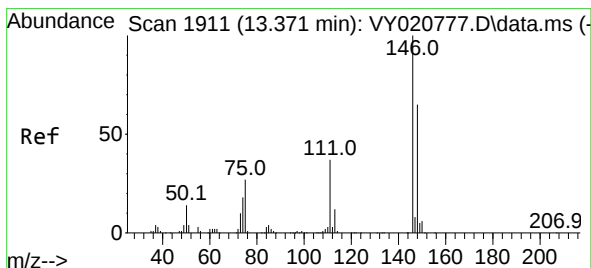
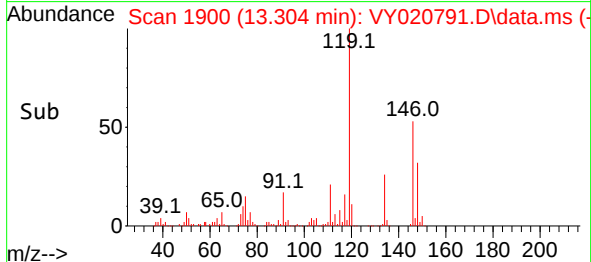
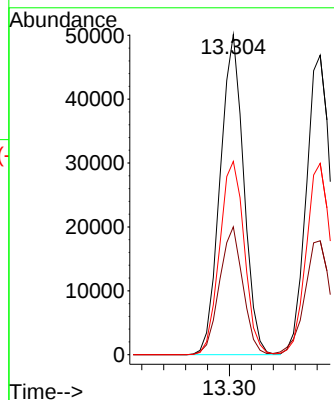
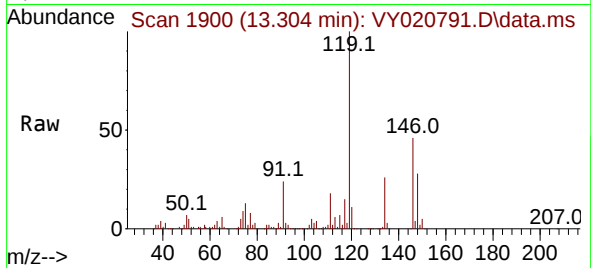




#87
 1,3-Dichlorobenzene
 Concen: 18.035 ug/l
 RT: 13.304 min Scan# 1910
 Delta R.T. 0.012 min
 Lab File: VY020791.D
 Acq: 07 Jan 2025 14:09

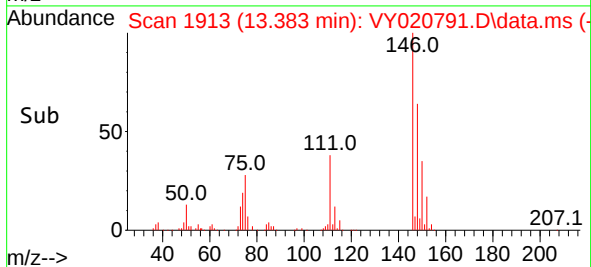
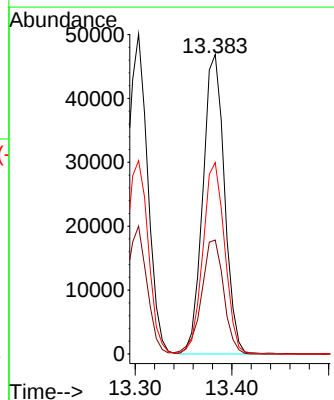
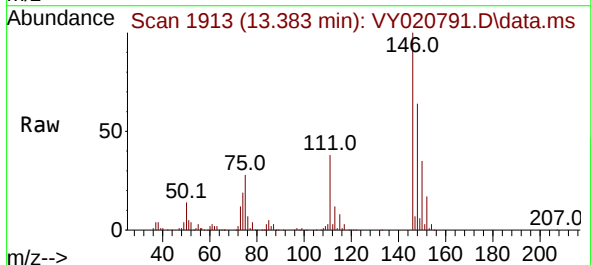
Instrument :
 MSVOA_Y
 ClientSampleId :

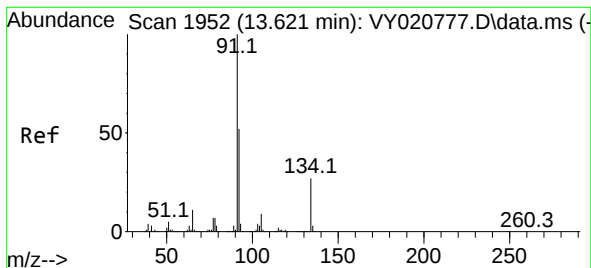
Tgt Ion:146 Resp: 74940
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.5 58.5
 148 63.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 17.803 ug/l
 RT: 13.383 min Scan# 1913
 Delta R.T. 0.012 min
 Lab File: VY020791.D
 Acq: 07 Jan 2025 14:09

Tgt Ion:146 Resp: 72818
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.3
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 18.959 ug/l

RT: 13.633 min Scan# 1954

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

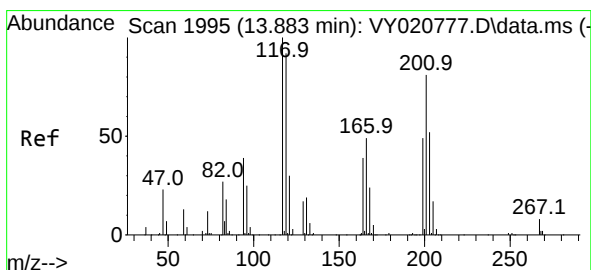
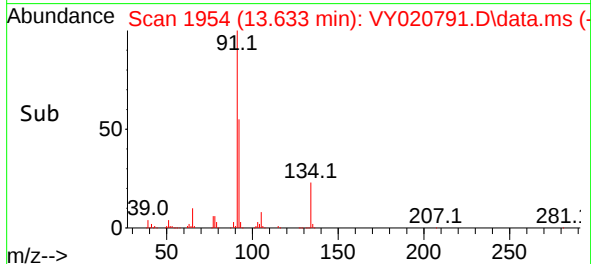
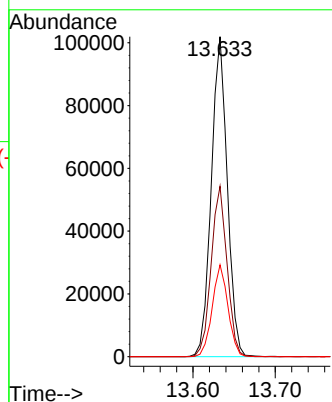
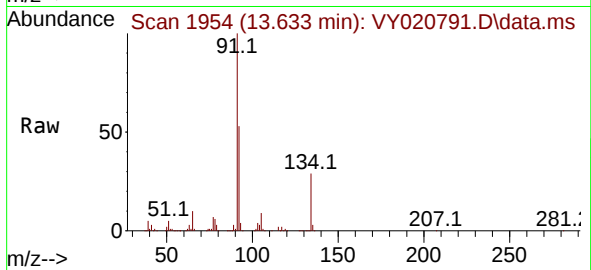
Tgt Ion: 91 Resp: 137788

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.4

134 28.2 13.8 41.4



#90

Hexachloroethane

Concen: 18.331 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.012 min

Lab File: VY020791.D

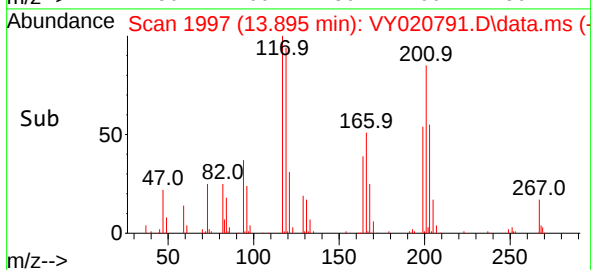
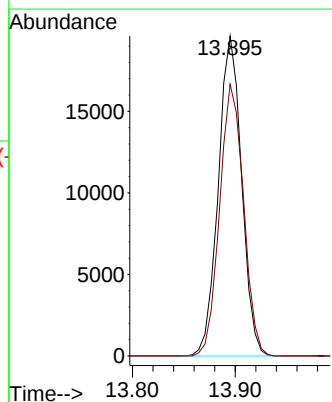
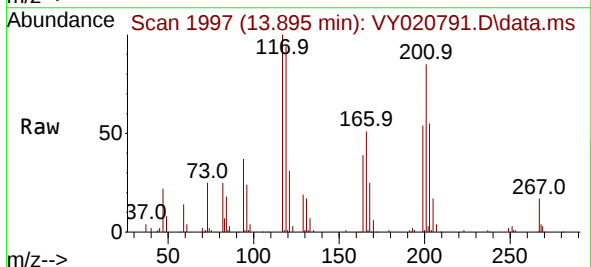
Acq: 07 Jan 2025 14:09

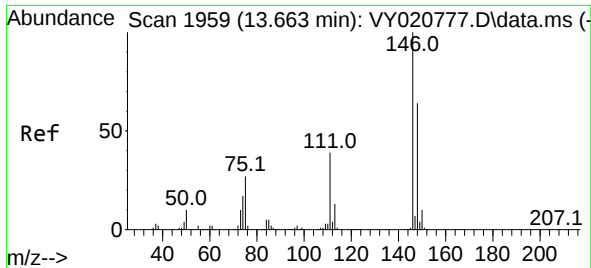
Tgt Ion: 117 Resp: 30836

Ion Ratio Lower Upper

117 100

201 86.8 42.9 128.7

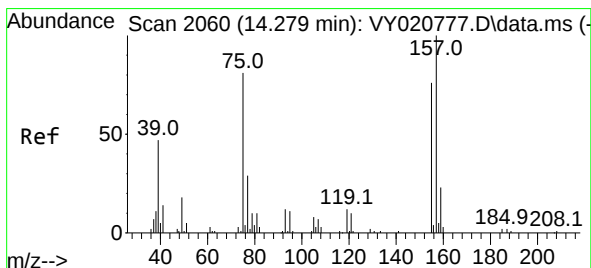
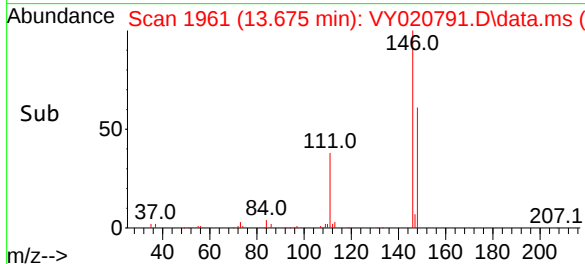
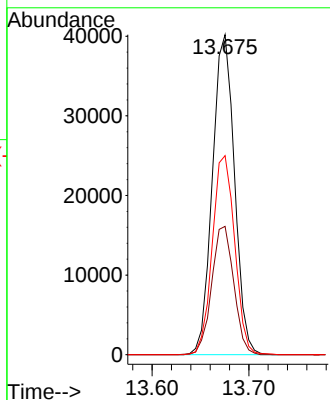
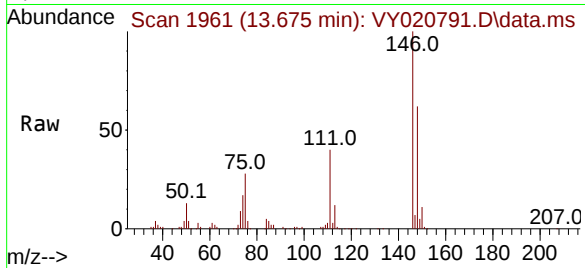




#91
1,2-Dichlorobenzene
Concen: 17.530 ug/l
RT: 13.675 min Scan# 1959
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

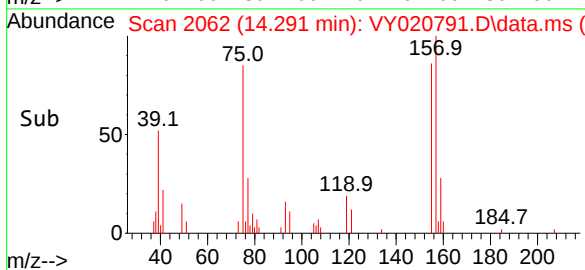
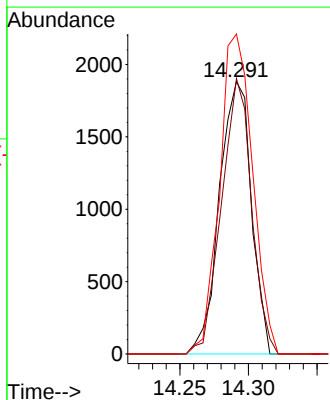
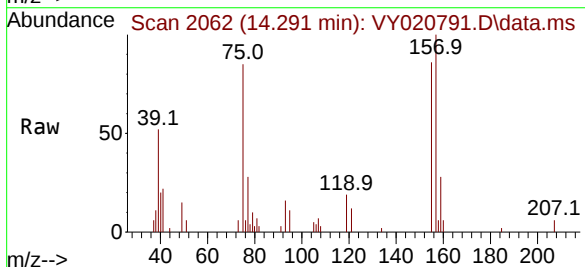
Instrument :
MSVOA_Y
ClientSampleId :

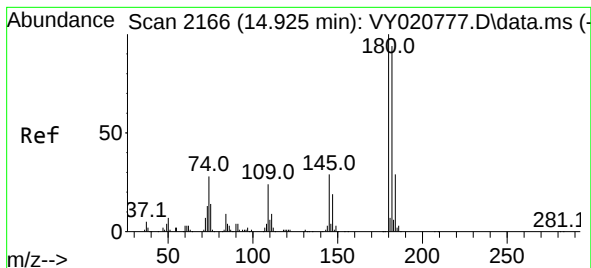
Tgt Ion:146 Resp: 63688
Ion Ratio Lower Upper
146 100
111 40.2 20.0 60.0
148 63.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.404 ug/l
RT: 14.291 min Scan# 2062
Delta R.T. 0.012 min
Lab File: VY020791.D
Acq: 07 Jan 2025 14:09

Tgt Ion: 75 Resp: 3047
Ion Ratio Lower Upper
75 100
155 95.1 45.5 136.5
157 121.7 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 16.618 ug/l

RT: 14.937 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

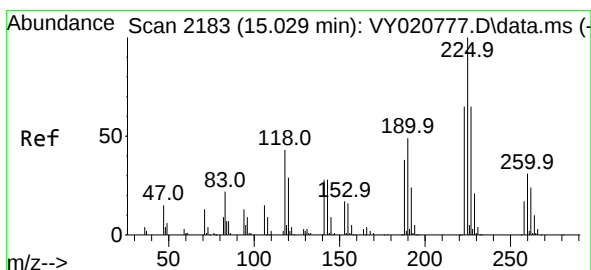
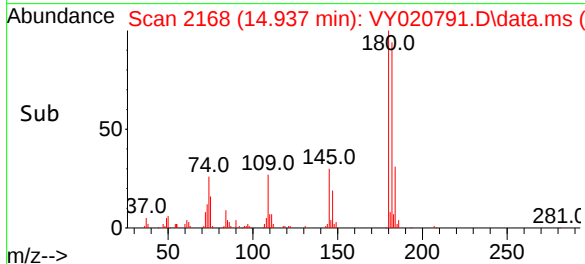
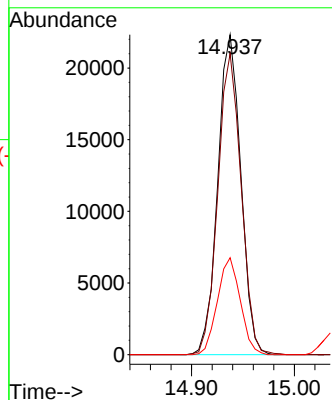
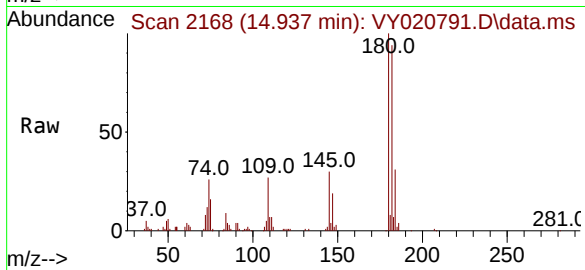
Tgt Ion:180 Resp: 34746

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 30.1 15.0 45.1



#94

Hexachlorobutadiene

Concen: 18.840 ug/l

RT: 15.041 min Scan# 2185

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

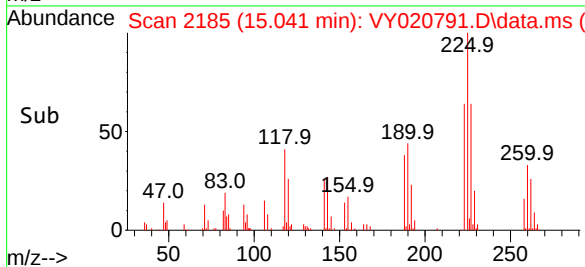
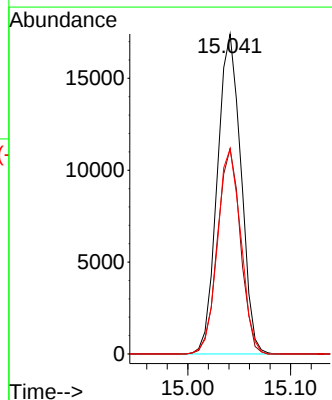
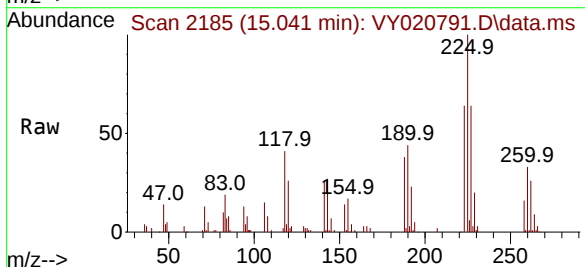
Tgt Ion:225 Resp: 27771

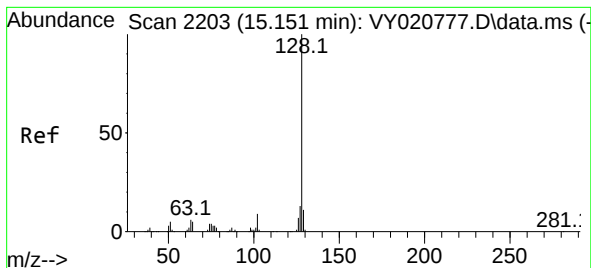
Ion Ratio Lower Upper

225 100

223 62.4 31.6 94.8

227 63.4 32.2 96.6





#95

Naphthalene

Concen: 14.484 ug/l

RT: 15.163 min Scan# 2205

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Instrument :

MSVOA_Y

ClientSampleId :

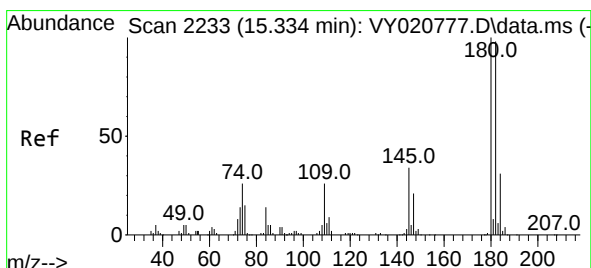
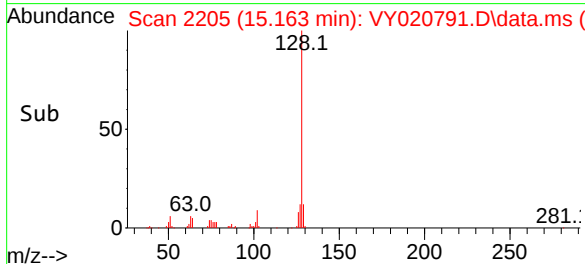
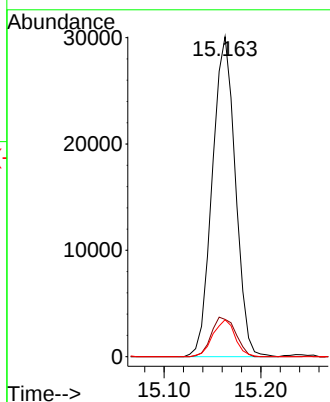
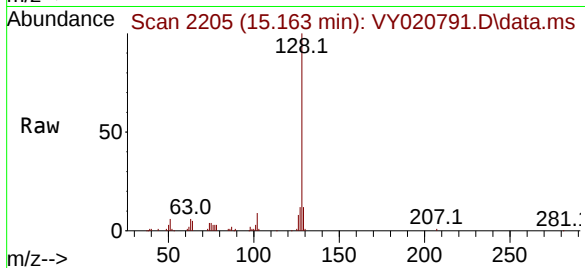
Tgt Ion:128 Resp: 49844

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 15.965 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY020791.D

Acq: 07 Jan 2025 14:09

Tgt Ion:180 Resp: 27967

Ion Ratio Lower Upper

180 100

182 97.8 48.1 144.3

145 32.9 16.1 48.2

