

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023204.D
 Acq On : 25 Aug 2025 11:11
 Operator : SY/MD
 Sample : Q2893-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 26 00:11:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 00:10:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	445632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	727774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	612346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	290558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	214129	50.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.840%	
35) Dibromofluoromethane	7.634	113	223186	51.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.500%	
50) Toluene-d8	10.109	98	836293	49.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.320%	
62) 4-Bromofluorobenzene	12.401	95	243578	44.521	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	10192	2.802	ug/l	91
3) Chloromethane	2.068	50	15464	2.625	ug/l	94
4) Vinyl Chloride	2.202	62	18756	2.575	ug/l	96
5) Bromomethane	2.598	94	18102	3.328	ug/l	99
6) Chloroethane	2.732	64	13881	2.867	ug/l	98
7) Trichlorofluoromethane	3.055	101	26006	2.937	ug/l	99
8) Diethyl Ether	3.451	74	7465	3.186	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.817	101	14179	3.245	ug/l	99
10) Methyl Iodide	4.000	142	10232	2.170	ug/l #	94
11) Tert butyl alcohol	4.841	59	1639	5.632	ug/l #	71
12) 1,1-Dichloroethene	3.787	96	12128	2.824	ug/l	87
14) Allyl chloride	4.384	41	15506	2.454	ug/l	97
15) Acrylonitrile	5.061	53	11681	12.264	ug/l	98
16) Acetone	3.866	43	14881	16.173	ug/l	98
17) Carbon Disulfide	4.110	76	34053	2.432	ug/l	98
18) Methyl Acetate	4.384	43	7409	2.706	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	25341	2.277	ug/l	97
20) Methylene Chloride	4.610	84	37353	6.763	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	13433	2.784	ug/l	82
22) Diisopropyl ether	6.012	45	29727	2.165	ug/l #	85
23) Vinyl Acetate	5.957	43	72786	9.587	ug/l	95
24) 1,1-Dichloroethane	5.914	63	22129	2.636	ug/l	98
25) 2-Butanone	6.902	43	15360	12.274	ug/l	99
26) 2,2-Dichloropropane	6.884	77	19659	2.714	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	14723	2.639	ug/l	93
28) Bromochloromethane	7.244	49	7509	2.255	ug/l	95
29) Tetrahydrofuran	7.268	42	7812	10.071	ug/l	99
30) Chloroform	7.420	83	23951	2.766	ug/l	97
31) Cyclohexane	7.701	56	26828	3.391	ug/l #	58
32) 1,1,1-Trichloroethane	7.615	97	20851	2.714	ug/l	98
36) 1,1-Dichloropropene	7.841	75	17143	2.649	ug/l	95
37) Ethyl Acetate	6.987	43	5485	2.018	ug/l #	94
38) Carbon Tetrachloride	7.817	117	19500	2.774	ug/l	94
39) Methylcyclohexane	9.109	83	23166	2.718	ug/l	98
40) Benzene	8.079	78	51463	2.580	ug/l	97
41) Methacrylonitrile	7.219	41	2317	1.477	ug/l #	71

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.158	62	13127	2.530	ug/l	98
43) Isopropyl Acetate	8.201	43	11556	2.103	ug/l #	96
44) Trichloroethene	8.865	130	14979	2.906	ug/l	90
45) 1,2-Dichloropropane	9.146	63	11915	2.596	ug/l	100
46) Dibromomethane	9.231	93	6790	2.578	ug/l	99
47) Bromodichloromethane	9.420	83	17372	2.563	ug/l	98
48) Methyl methacrylate	9.219	41	5220	1.985	ug/l	97
49) 1,4-Dioxane	9.231	88	1583	51.250	ug/l #	82
51) 4-Methyl-2-Pentanone	9.999	43	27692	9.770	ug/l	97
52) Toluene	10.170	92	33298	2.628	ug/l	98
53) t-1,3-Dichloropropene	10.395	75	13985	2.278	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	15726	2.167	ug/l	95
55) 1,1,2-Trichloroethane	10.572	97	9443	2.679	ug/l	97
56) Ethyl methacrylate	10.438	69	8602	1.907	ug/l	98
57) 1,3-Dichloropropane	10.718	76	14873	2.488	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	16525	7.767	ug/l	97
59) 2-Hexanone	10.761	43	19768	10.242	ug/l	98
60) Dibromochloromethane	10.914	129	11423	2.456	ug/l	100
61) 1,2-Dibromoethane	11.011	107	7952	2.400	ug/l	95
64) Tetrachloroethene	10.651	164	18004	3.293	ug/l	90
65) Chlorobenzene	11.444	112	37387	2.831	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.511	131	12169	2.715	ug/l	97
67) Ethyl Benzene	11.517	91	57650	2.536	ug/l	99
68) m/p-Xylenes	11.627	106	42945	4.837	ug/l	97
69) o-Xylene	11.956	106	19623	2.360	ug/l	99
70) Styrene	11.968	104	30734	2.260	ug/l	100
71) Bromoform	12.127	173	6666	2.544	ug/l #	94
73) Isopropylbenzene	12.255	105	52676	2.569	ug/l	98
74) N-amyl acetate	12.072	43	8413	1.934	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	8397	2.398	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	12251	4.369	ug/l #	100
77) Bromobenzene	12.529	156	14070	2.876	ug/l	97
78) n-propylbenzene	12.590	91	66698	2.732	ug/l	99
79) 2-Chlorotoluene	12.682	91	37814	2.703	ug/l	97
80) 1,3,5-Trimethylbenzene	12.736	105	41623	2.511	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.401	75	124846	107.772	ug/l #	14
82) 4-Chlorotoluene	12.773	91	40289	2.776	ug/l	98
83) tert-Butylbenzene	12.992	119	39430	2.634	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	39689	2.406	ug/l	97
85) sec-Butylbenzene	13.175	105	59840	2.721	ug/l	100
86) p-Isopropyltoluene	13.291	119	47936	2.626	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	28885	2.994	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	30959	3.235	ug/l	91
89) n-Butylbenzene	13.614	91	45954	2.741	ug/l	97
90) Hexachloroethane	13.876	117	12491	3.343	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	24463	2.891	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1838	3.371	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	15115	3.021	ug/l	98
94) Hexachlorobutadiene	15.017	225	10583	3.599	ug/l	93
95) Naphthalene	15.145	128	21303	2.497	ug/l	98
96) 1,2,3-Trichlorobenzene	15.327	180	13426	3.114	ug/l	99

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

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

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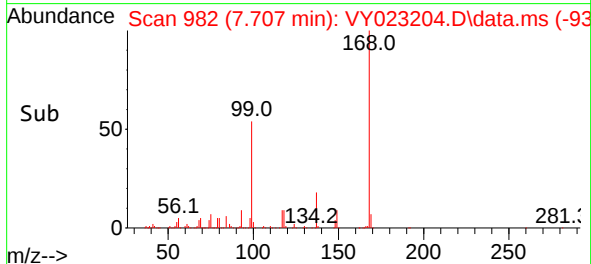
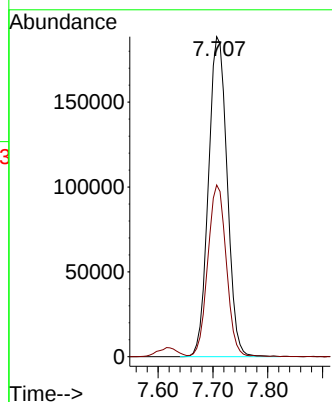
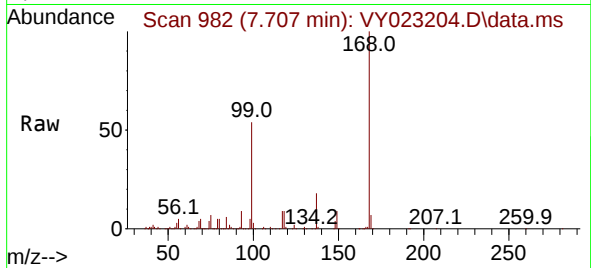




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023204.D
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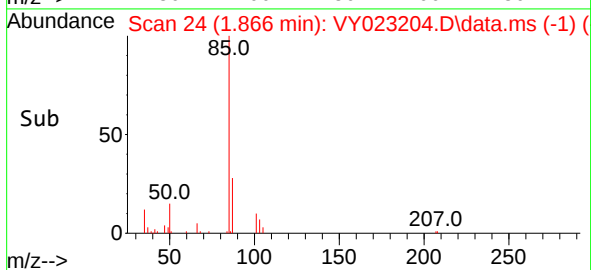
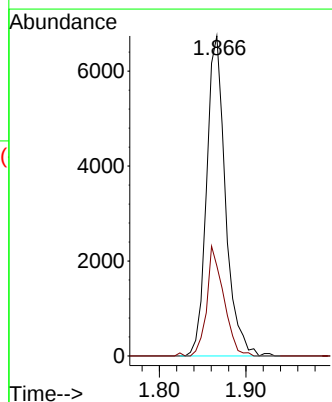
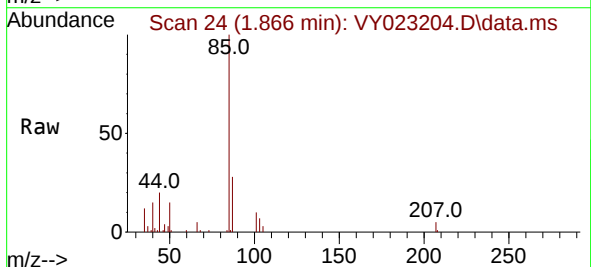
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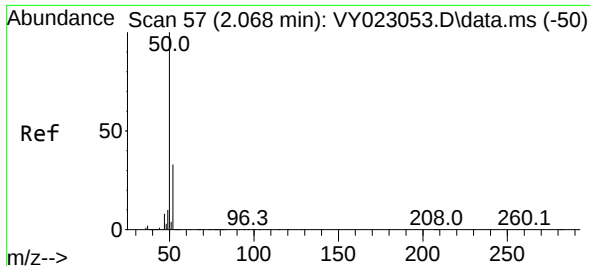
Tgt Ion:168 Resp: 445632
Ion Ratio Lower Upper
168 100
99 53.6 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 2.802 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 85 Resp: 10192
Ion Ratio Lower Upper
85 100
87 28.2 16.6 49.8

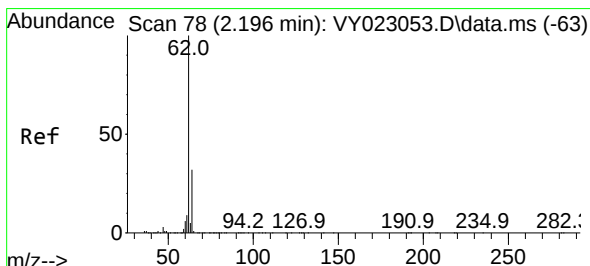
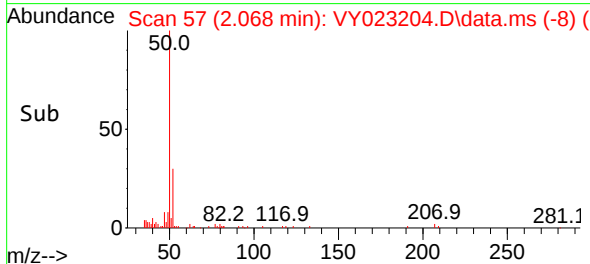
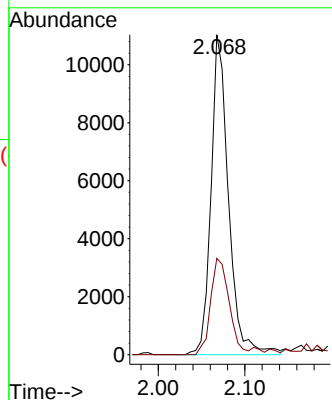
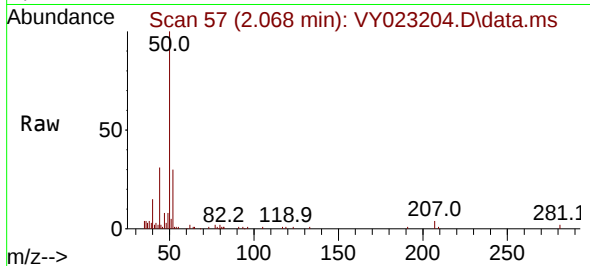




#3
Chloromethane
Concen: 2.625 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

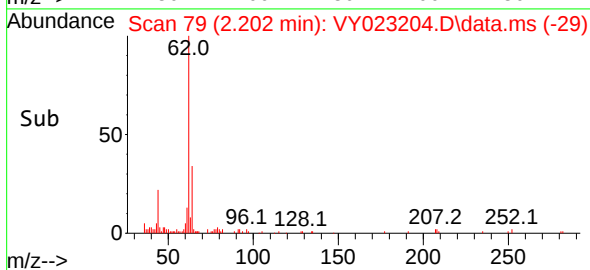
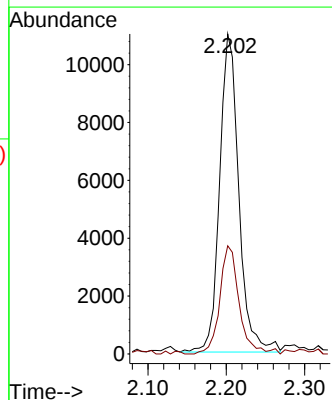
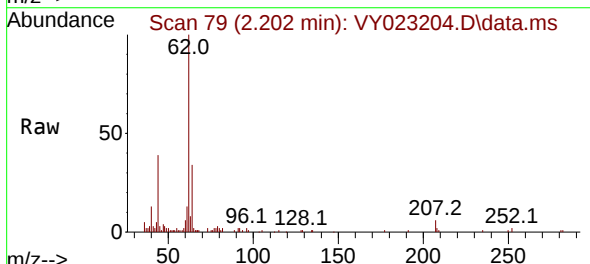
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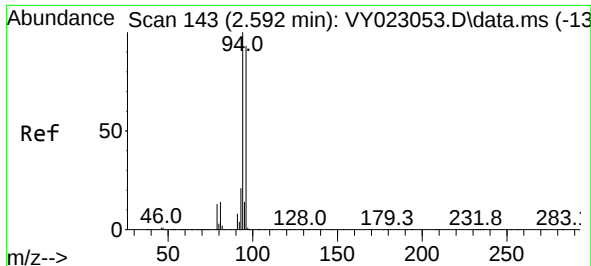
Tgt Ion: 50 Resp: 15464
Ion Ratio Lower Upper
50 100
52 30.1 26.7 40.1



#4
Vinyl Chloride
Concen: 2.575 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 62 Resp: 18756
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.0

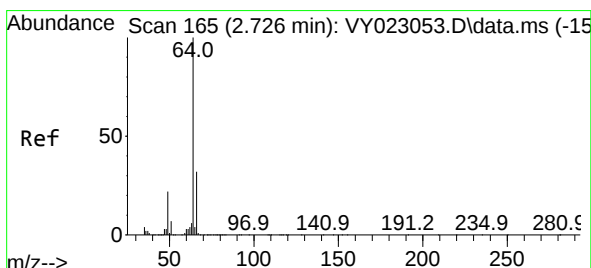
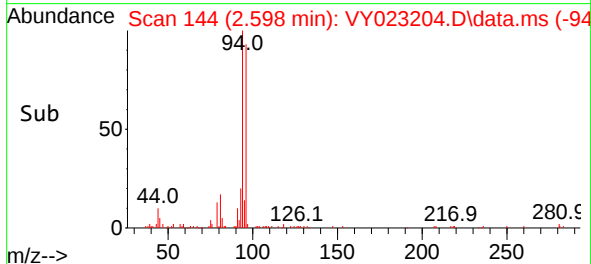
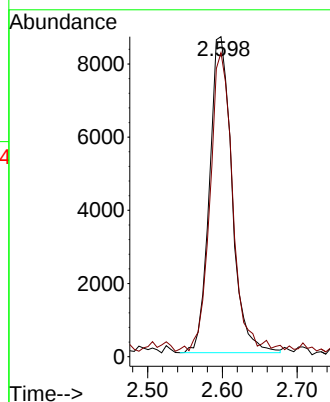
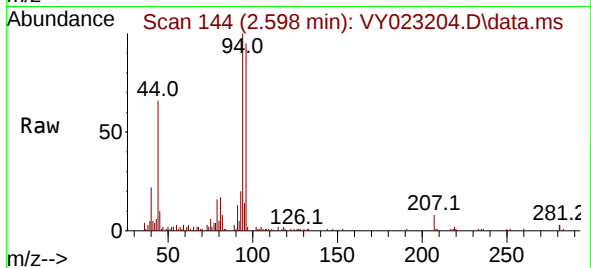




#5
Bromomethane
Concen: 3.328 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

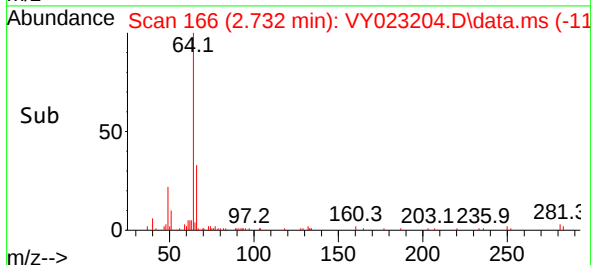
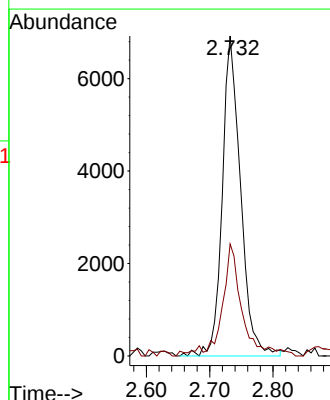
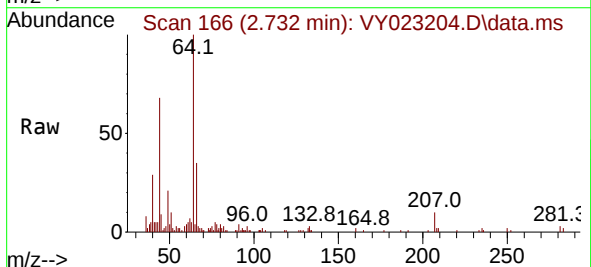
Instrument :
MSVOA_Y
ClientSampleId :

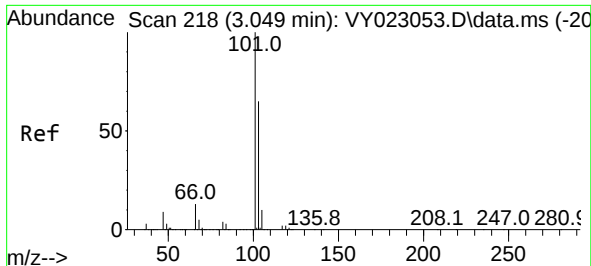
Tgt Ion: 94 Resp: 18102
Ion Ratio Lower Upper
94 100
96 93.8 74.6 112.0



#6
Chloroethane
Concen: 2.867 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023204.D
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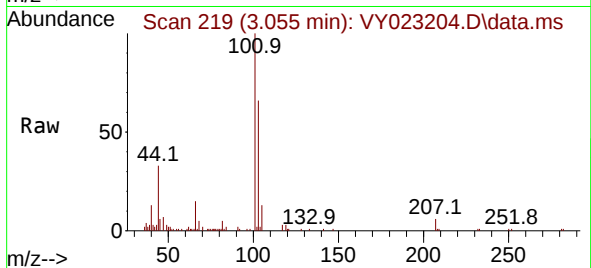
Tgt Ion: 64 Resp: 13881
Ion Ratio Lower Upper
64 100
66 33.5 25.8 38.6



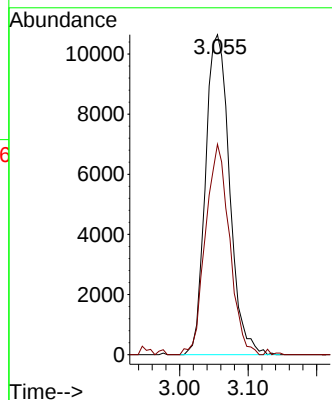
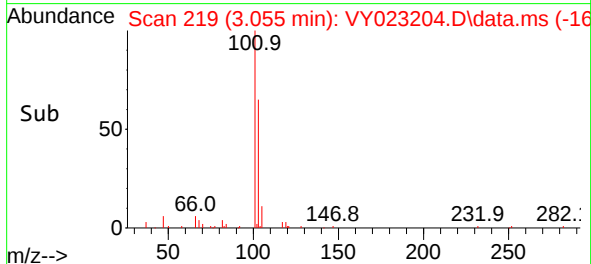


#7
Trichlorofluoromethane
Concen: 2.937 ug/l
RT: 3.055 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

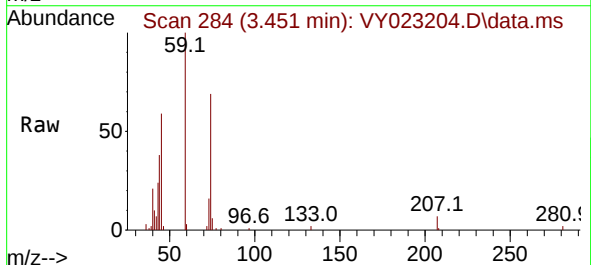
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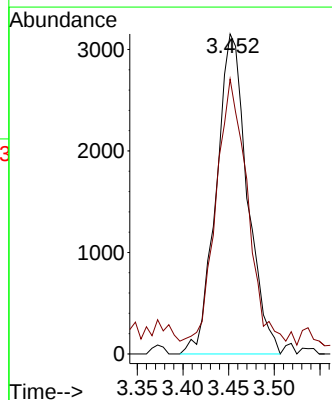
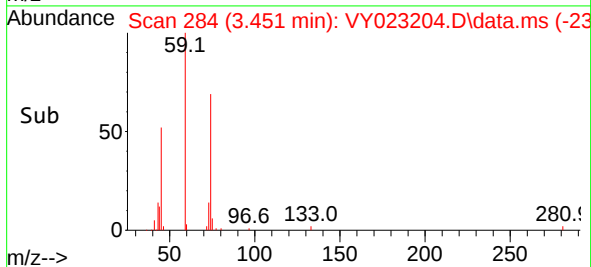
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Ion Ratio Lower Upper
101 100
103 65.8 51.9 77.9

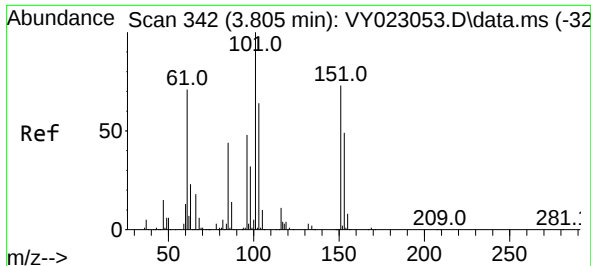


#8
Diethyl Ether
Concen: 3.186 ug/l
RT: 3.451 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11



Tgt Ion: 74 Resp: 7465
Ion Ratio Lower Upper
74 100
45 84.3 44.4 133.2

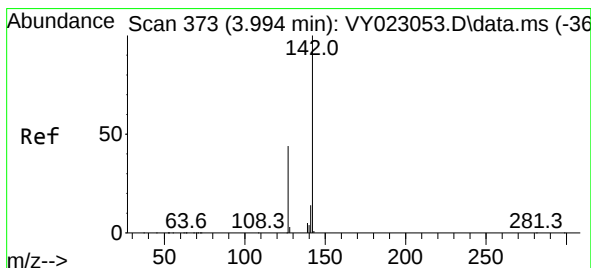
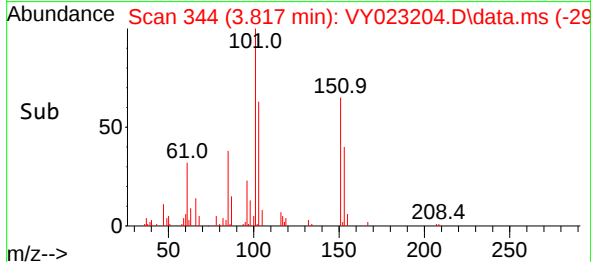
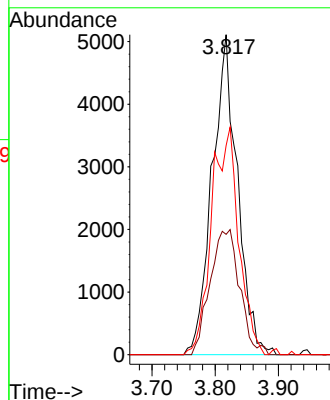
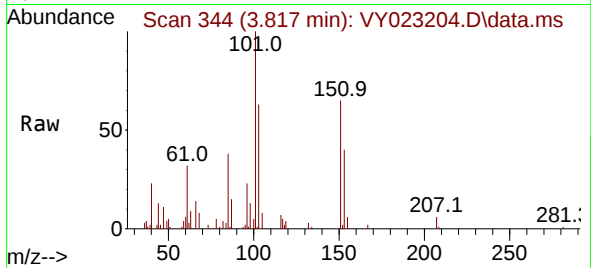




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.245 ug/l
RT: 3.817 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023204.D
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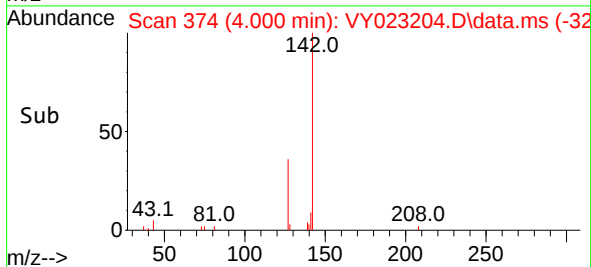
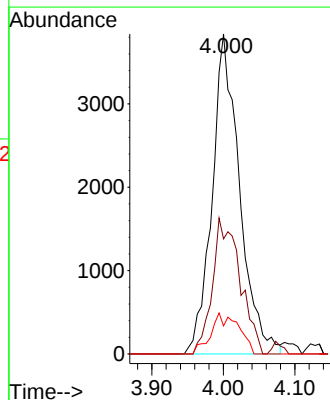
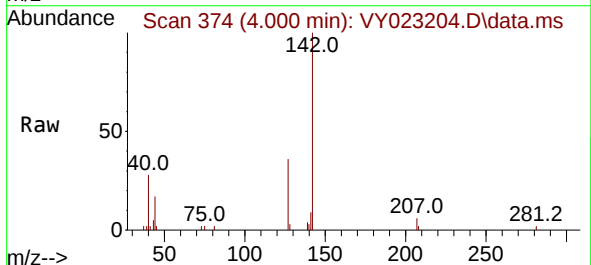
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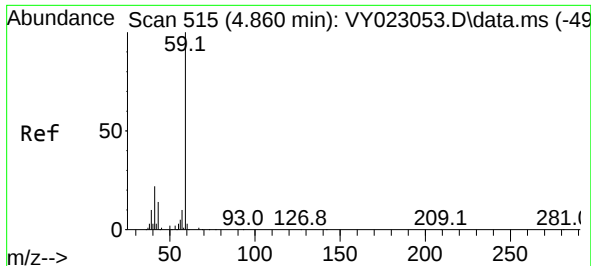
Tgt Ion:101 Resp: 14179
Ion Ratio Lower Upper
101 100
85 45.9 36.3 54.5
151 76.5 61.5 92.3



#10
Methyl Iodide
Concen: 2.170 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023204.D
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Tgt Ion:142 Resp: 10232
Ion Ratio Lower Upper
142 100
127 42.7 34.9 52.3
141 6.3 11.3 16.9#

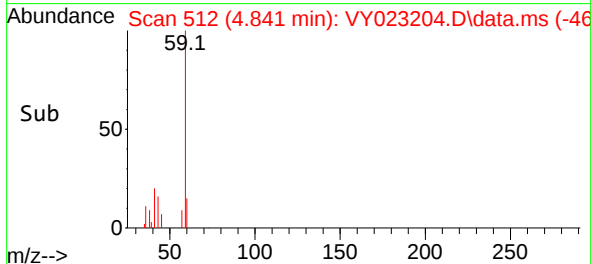
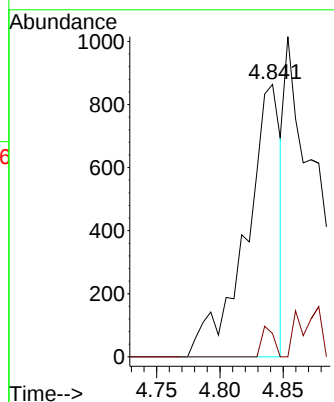
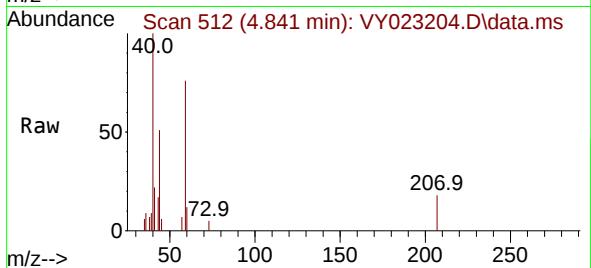




#11
Tert butyl alcohol
Concen: 5.632 ug/l
RT: 4.841 min Scan# 515
Delta R.T. -0.019 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

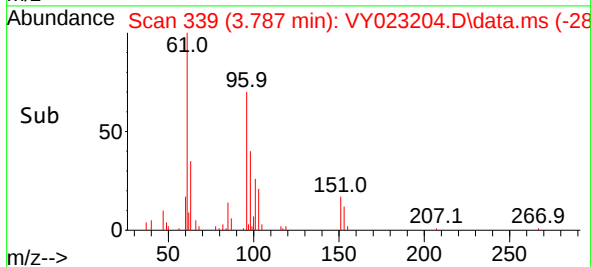
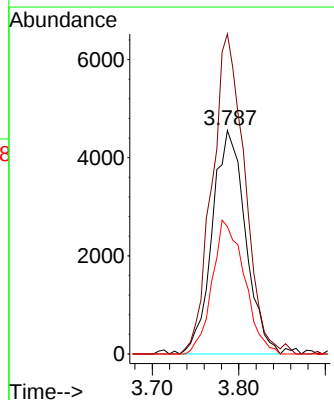
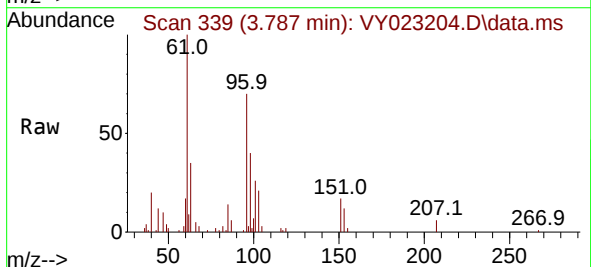
Instrument :
MSVOA_Y
ClientSampleId :

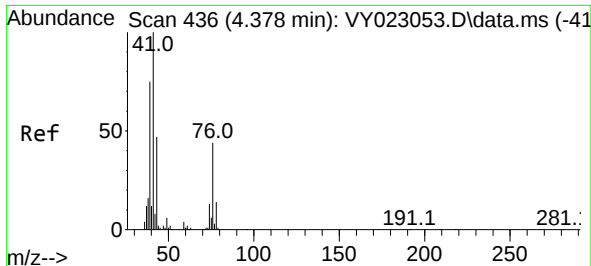
Tgt Ion: 59 Resp: 1639
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 2.824 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 96 Resp: 12128
Ion Ratio Lower Upper
96 100
61 143.2 129.4 194.2
98 57.0 52.8 79.2

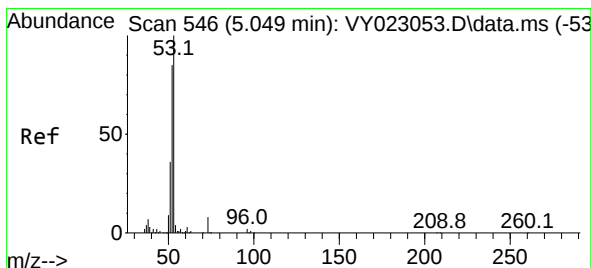
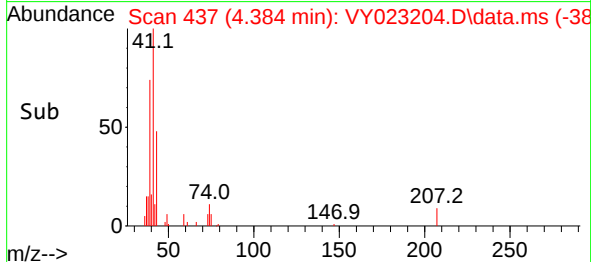
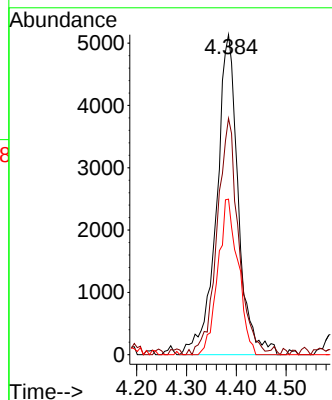
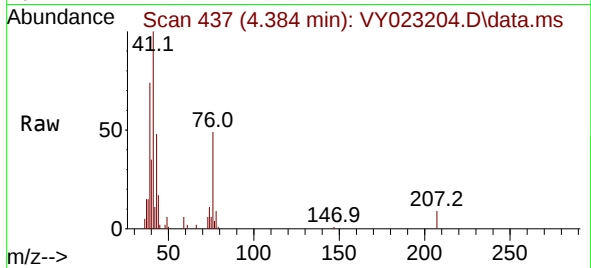




#14
 Allyl chloride
 Concen: 2.454 ug/l
 RT: 4.384 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

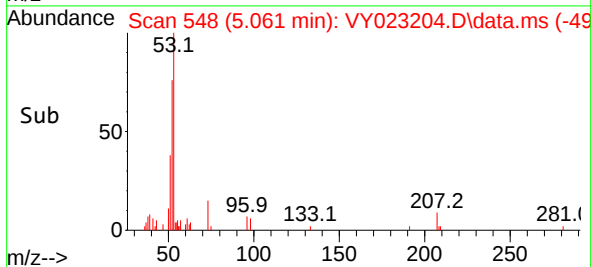
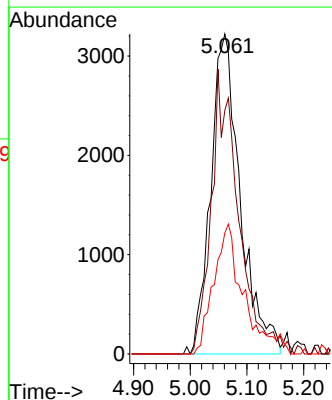
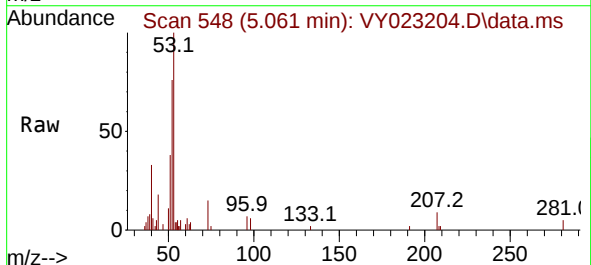
Instrument :
 MSVOA_Y
 ClientSampleId :

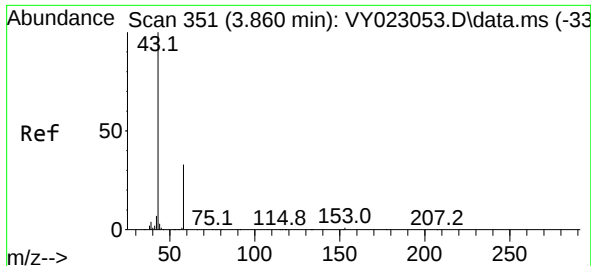
Tgt Ion: 41 Resp: 15506
 Ion Ratio Lower Upper
 41 100
 39 72.7 59.8 89.6
 76 45.4 33.7 50.5



#15
 Acrylonitrile
 Concen: 12.264 ug/l
 RT: 5.061 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

Tgt Ion: 53 Resp: 11681
 Ion Ratio Lower Upper
 53 100
 52 82.0 65.3 97.9
 51 41.0 29.5 44.3

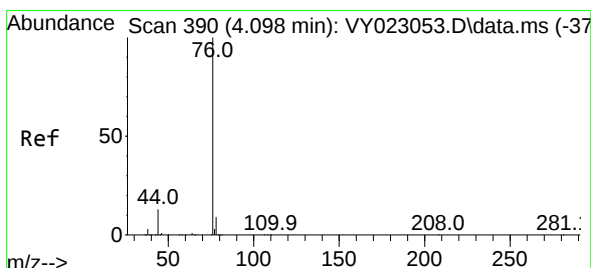
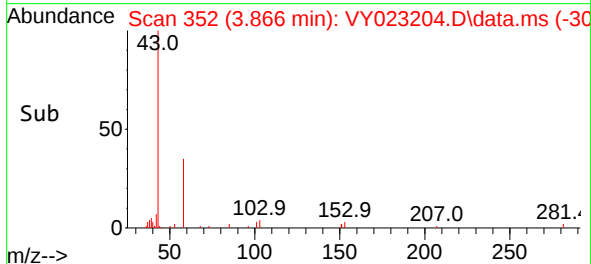
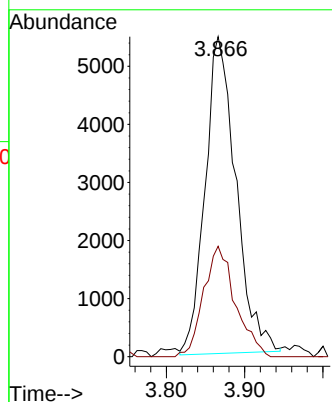
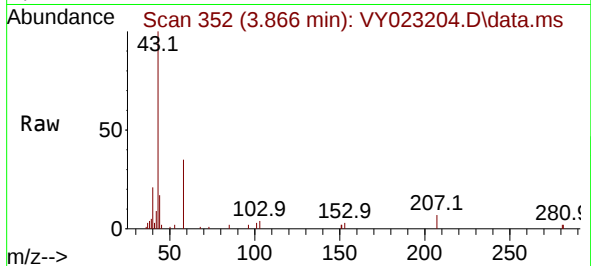




#16
Acetone
Concen: 16.173 ug/l
RT: 3.866 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

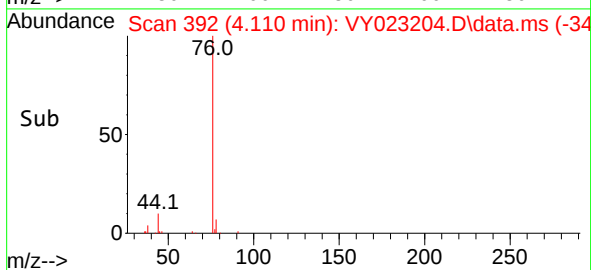
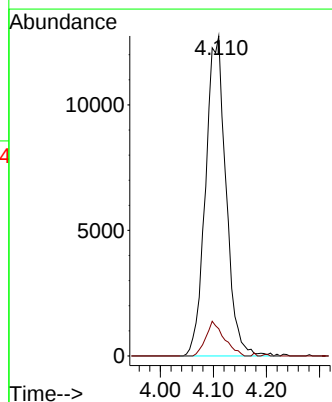
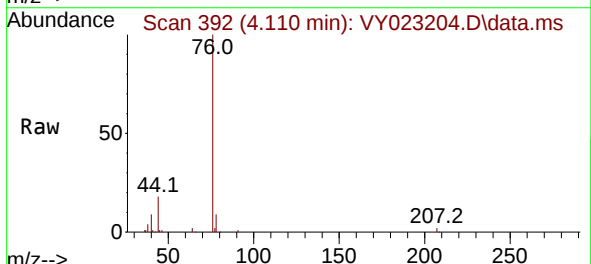
Instrument :
MSVOA_Y
ClientSampleId :

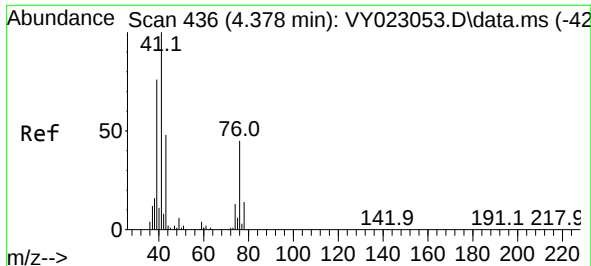
Tgt Ion: 43 Resp: 14881
Ion Ratio Lower Upper
43 100
58 35.1 27.1 40.7



#17
Carbon Disulfide
Concen: 2.432 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 76 Resp: 34053
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

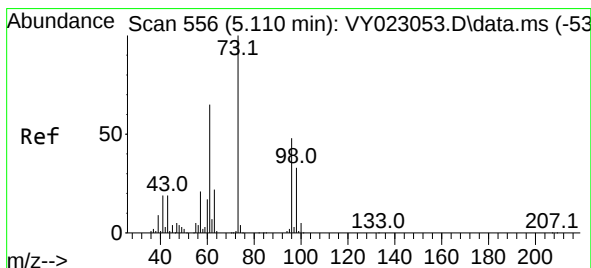
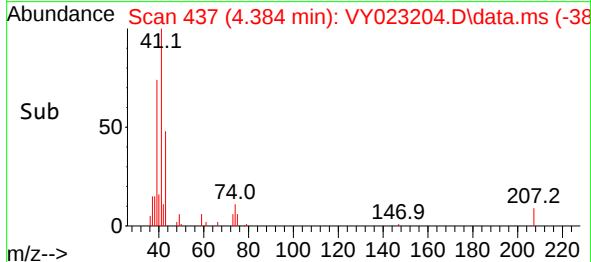
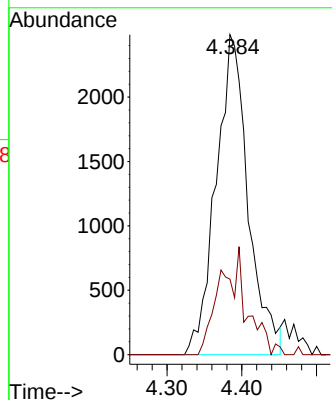
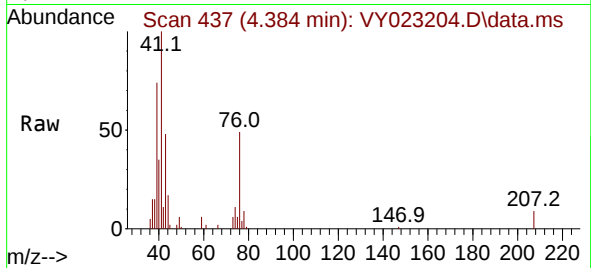




#18
Methyl Acetate
Concen: 2.706 ug/l
RT: 4.384 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

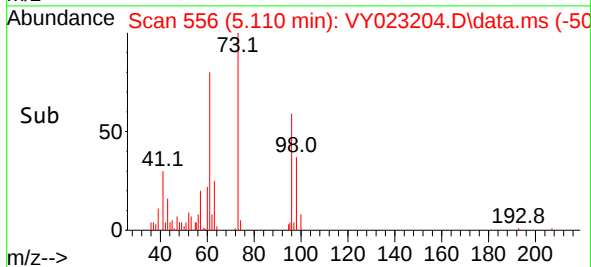
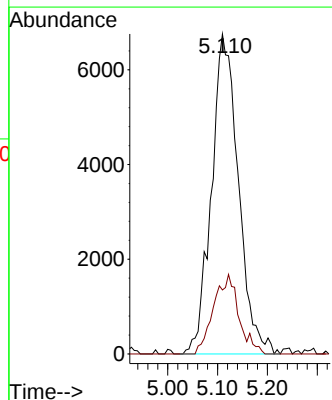
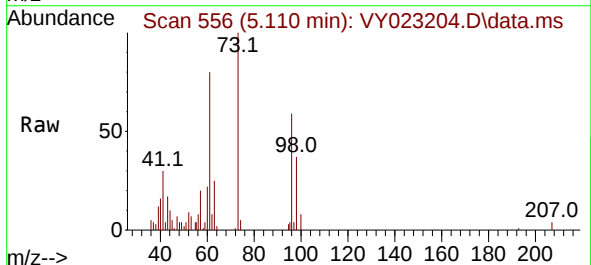
Instrument :
MSVOA_Y
ClientSampleId :

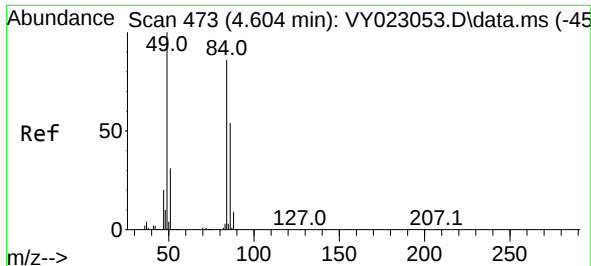
Tgt Ion: 43 Resp: 7409
Ion Ratio Lower Upper
43 100
74 28.6 21.2 31.8



#19
Methyl tert-butyl Ether
Concen: 2.277 ug/l
RT: 5.110 min Scan# 556
Delta R.T. -0.000 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 73 Resp: 25341
Ion Ratio Lower Upper
73 100
57 20.0 17.1 25.7

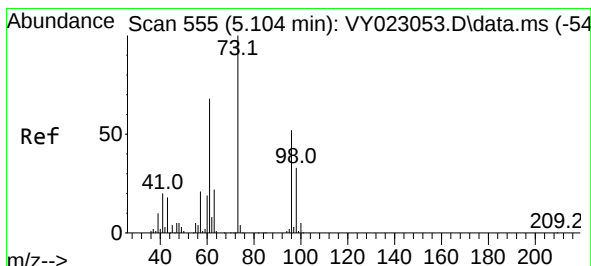
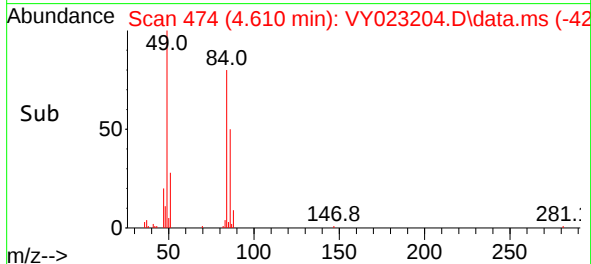
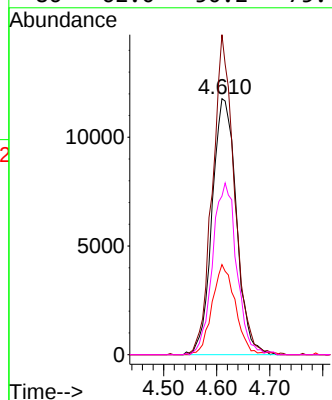
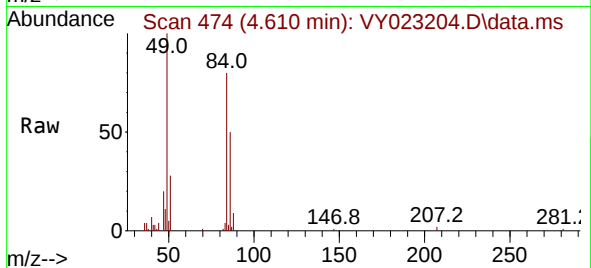




#20
Methylene Chloride
Concen: 6.763 ug/l
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

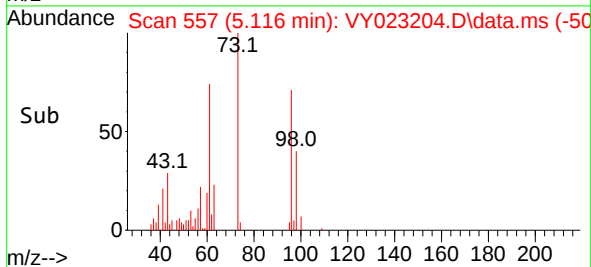
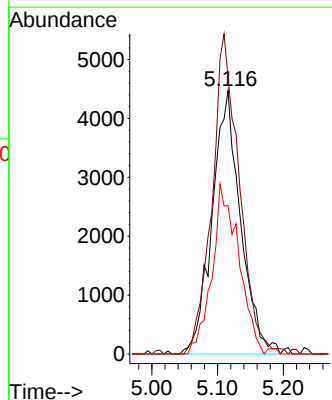
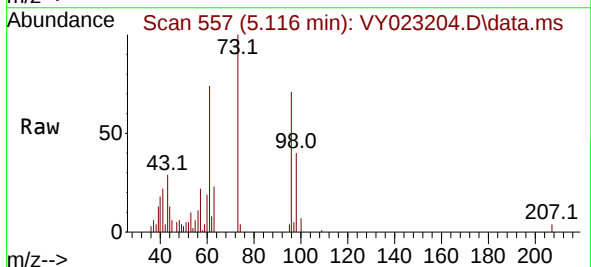
Instrument :
MSVOA_Y
ClientSampleId :

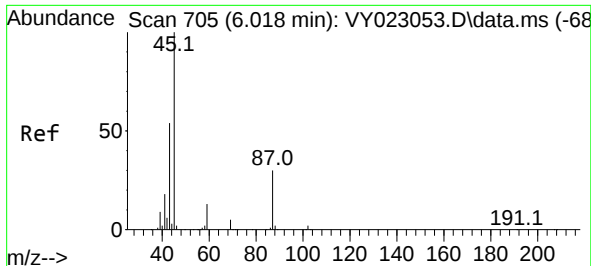
Tgt Ion: 84 Resp: 37353
Ion Ratio Lower Upper
84 100
49 125.0 93.0 139.6
51 35.2 29.0 43.4
86 62.0 50.2 75.4



#21
trans-1,2-Dichloroethene
Concen: 2.784 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.012 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

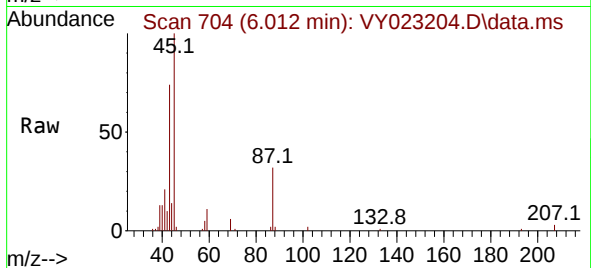
Tgt Ion: 96 Resp: 13433
Ion Ratio Lower Upper
96 100
61 105.1 104.8 157.2
98 56.3 50.1 75.1



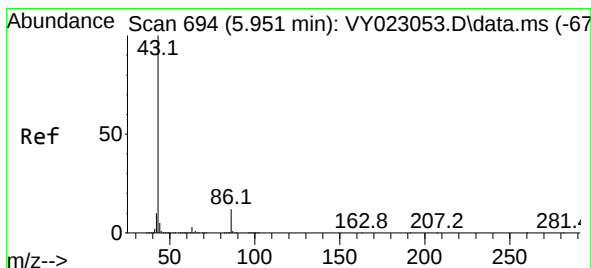
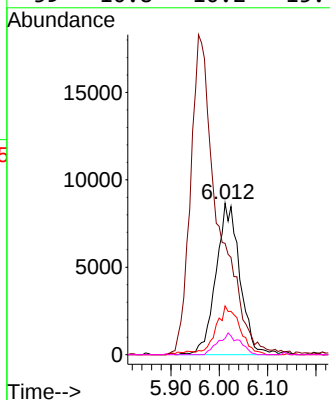
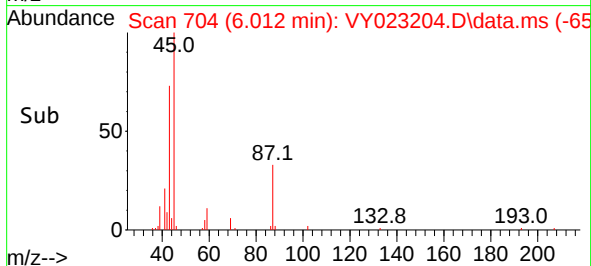


#22
Diisopropyl ether
Concen: 2.165 ug/l
RT: 6.012 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

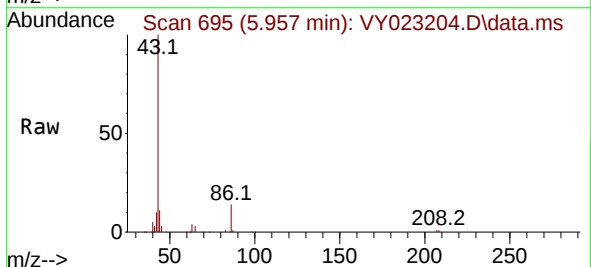
Instrument :
MSVOA_Y
ClientSampleId :



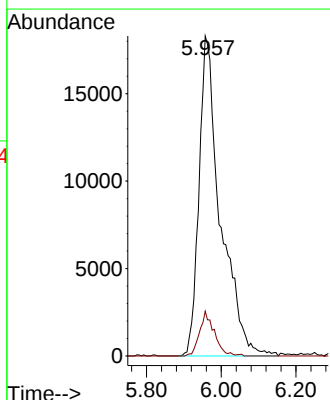
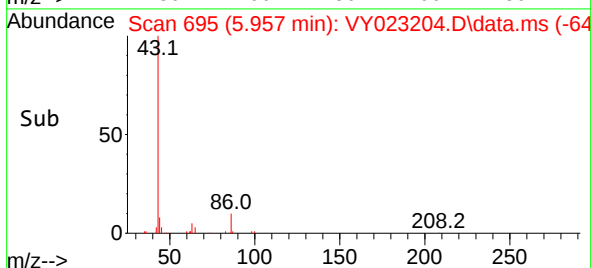
Tgt Ion:	45	Resp:	29727
Ion Ratio	100	Lower	Upper
43	71.5	43.4	65.0#
87	32.3	24.4	36.6
59	10.8	10.2	15.4

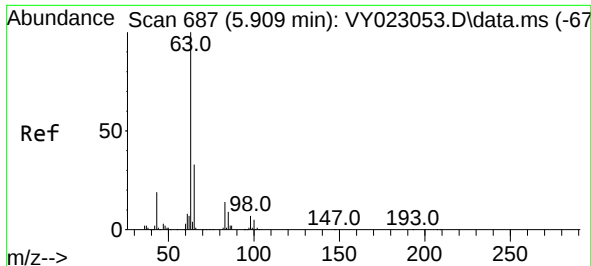


#23
Vinyl Acetate
Concen: 9.587 ug/l
RT: 5.957 min Scan# 695
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11



Tgt Ion:	43	Resp:	72786
Ion Ratio	100	Lower	Upper
86	14.0	9.6	14.4

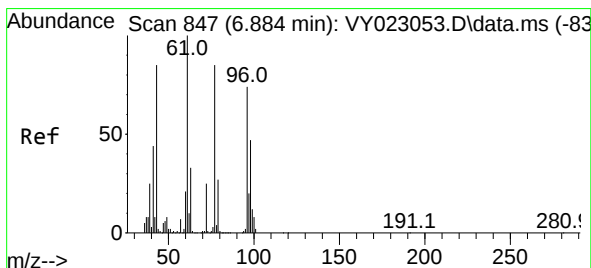
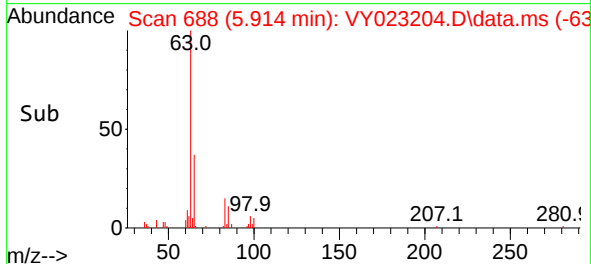
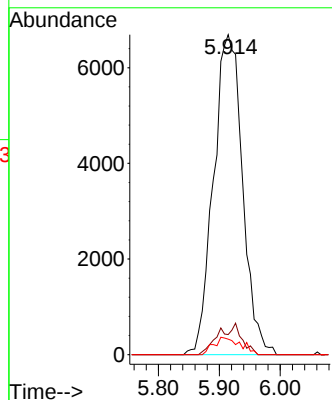
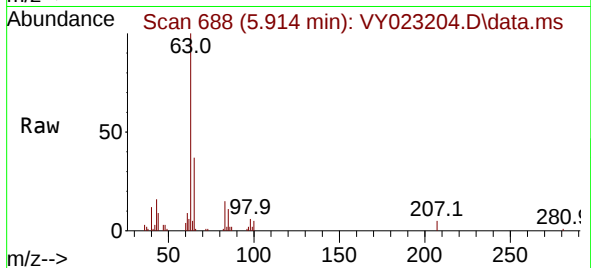




#24
1,1-Dichloroethane
Concen: 2.636 ug/l
RT: 5.914 min Scan# 61
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

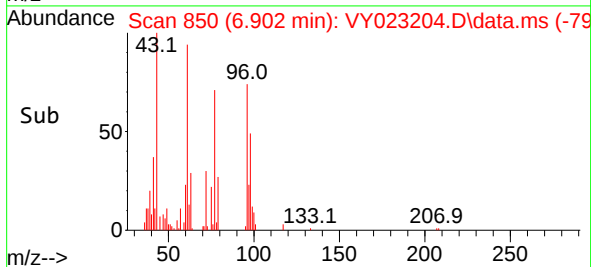
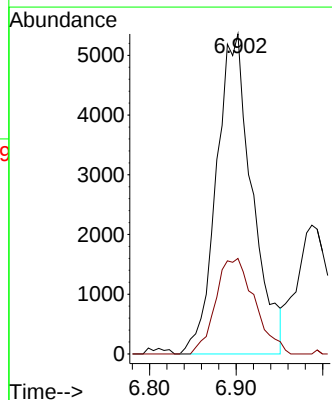
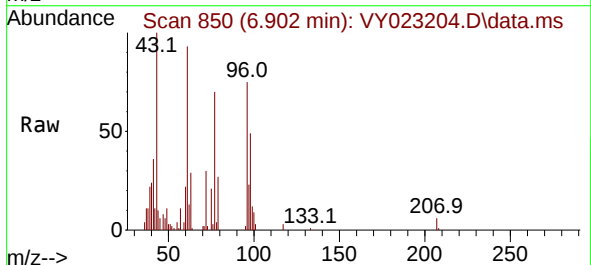
Instrument :
MSVOA_Y
ClientSampleId :

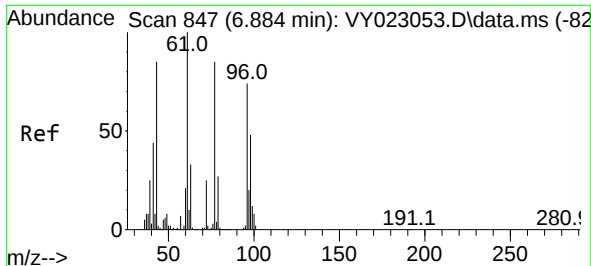
Tgt Ion: 63 Resp: 22129
Ion Ratio Lower Upper
63 100
98 6.3 3.5 10.6
100 4.9 2.4 7.1



#25
2-Butanone
Concen: 12.274 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.018 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 43 Resp: 15360
Ion Ratio Lower Upper
43 100
72 29.8 23.5 35.3





#26

2,2-Dichloropropane

Concen: 2.714 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

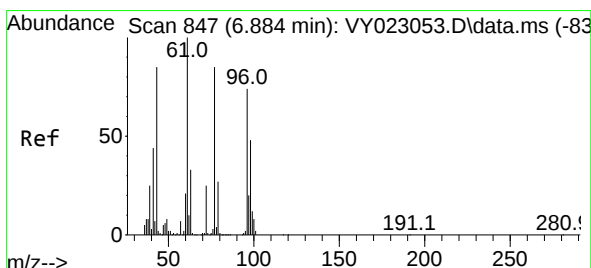
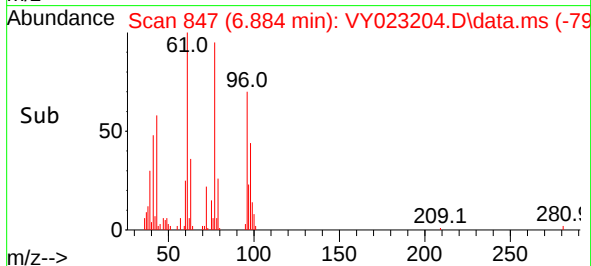
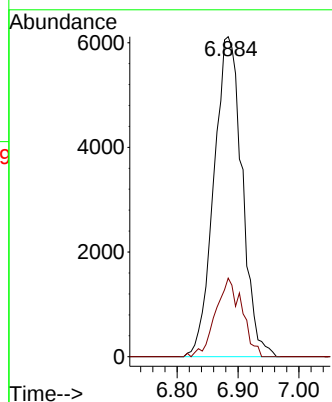
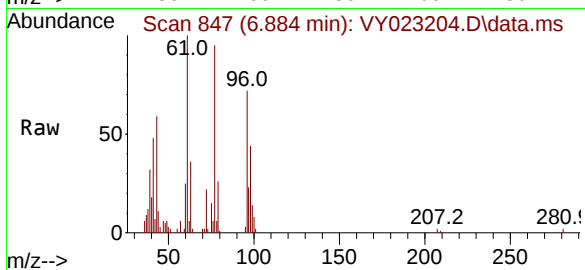
ClientSampleId :

Tgt Ion: 77 Resp: 19659

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8



#27

cis-1,2-Dichloroethene

Concen: 2.639 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

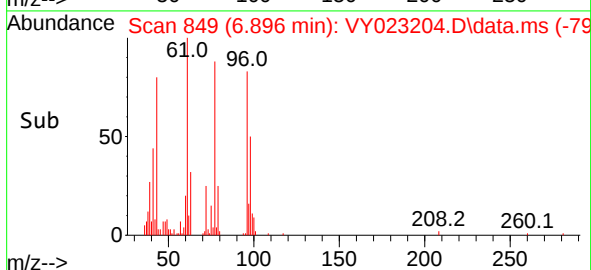
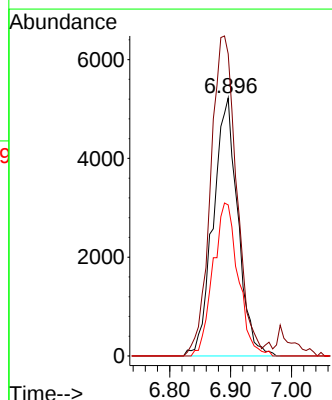
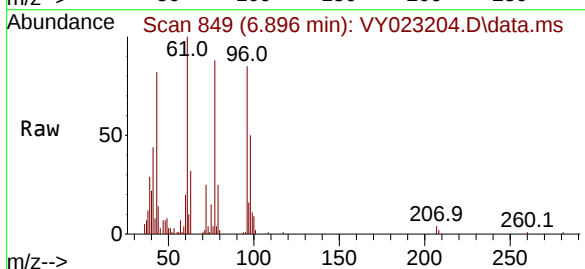
Tgt Ion: 96 Resp: 14723

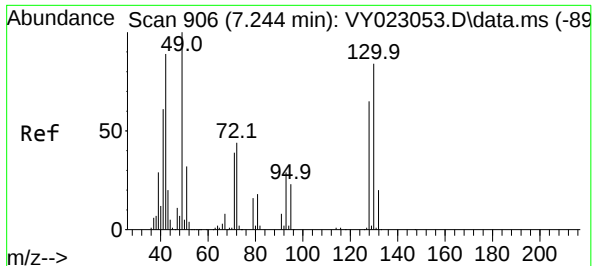
Ion Ratio Lower Upper

96 100

61 130.3 0.0 278.6

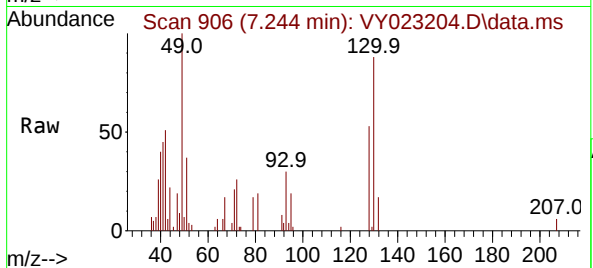
98 60.5 0.0 130.4



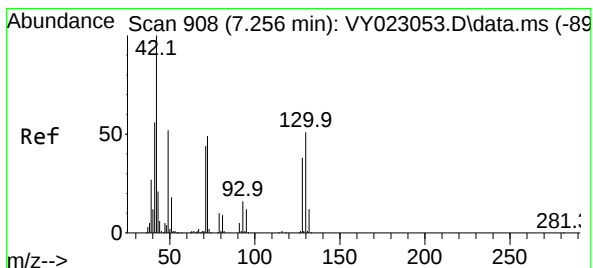
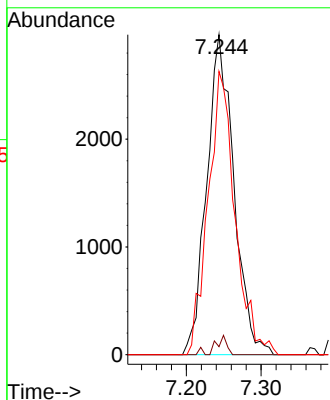
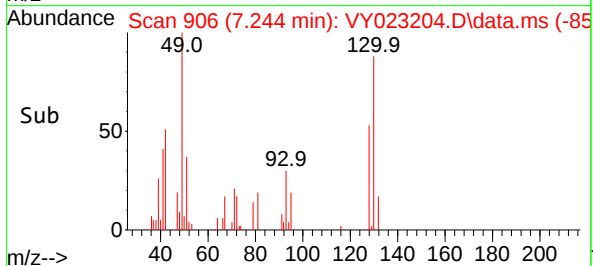


#28
Bromochloromethane
Concen: 2.255 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

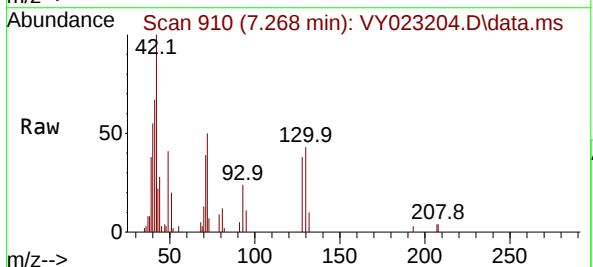
Instrument :
MSVOA_Y
ClientSampleId :



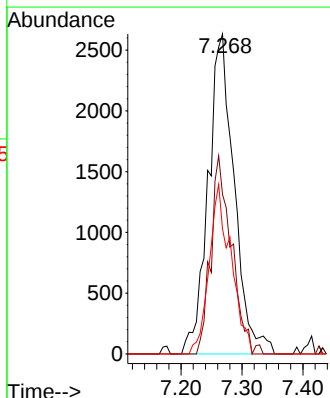
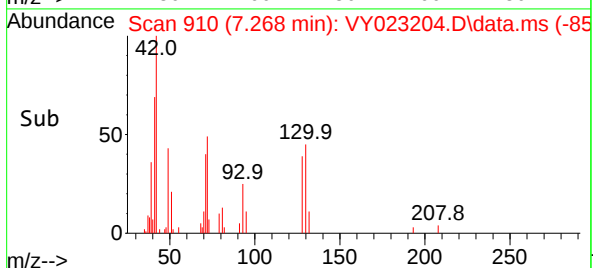
Tgt Ion: 49 Resp: 7509
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 87.5 66.4 99.6

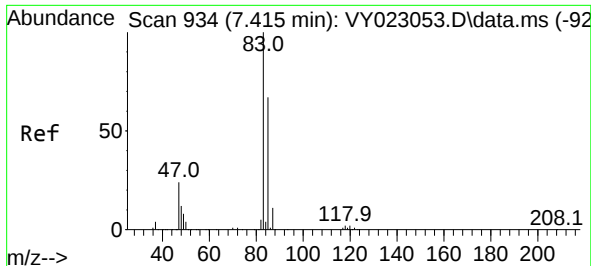


#29
Tetrahydrofuran
Concen: 10.071 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11



Tgt Ion: 42 Resp: 7812
Ion Ratio Lower Upper
42 100
72 49.2 39.4 59.2
71 44.3 36.5 54.7

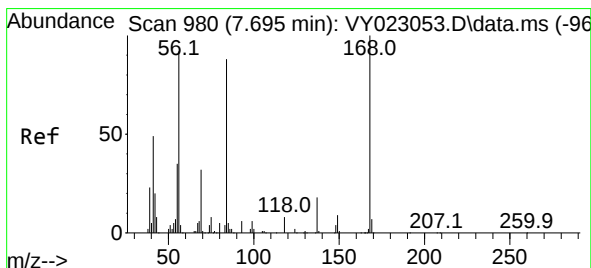
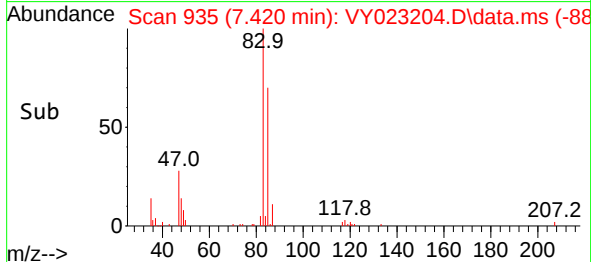
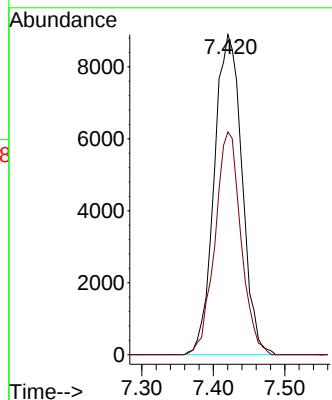
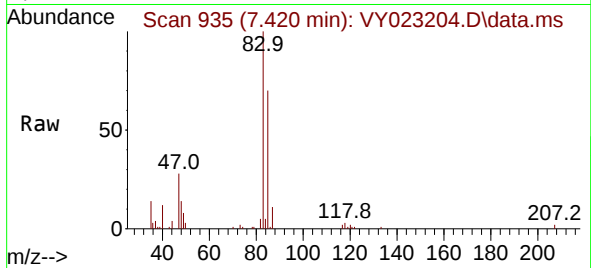




#30
Chloroform
Concen: 2.766 ug/l
RT: 7.420 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

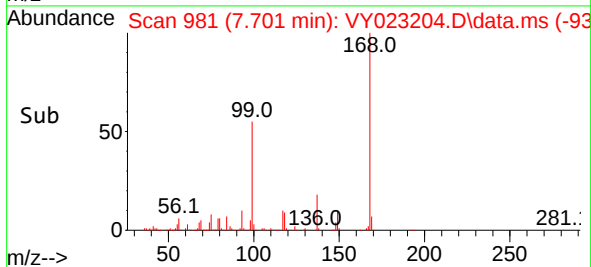
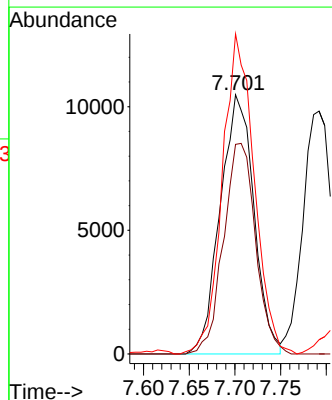
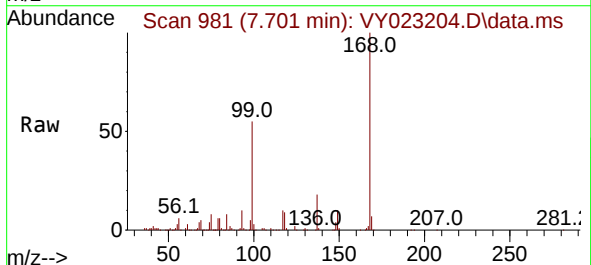
Instrument :
MSVOA_Y
ClientSampleId :

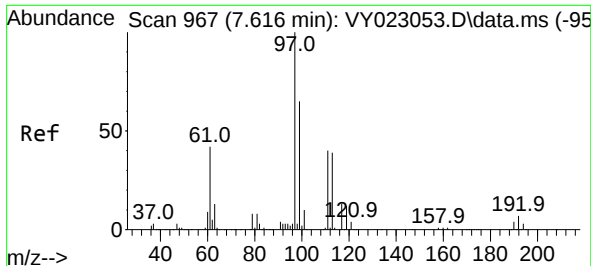
Tgt Ion: 83 Resp: 23951
Ion Ratio Lower Upper
83 100
85 69.6 53.8 80.8



#31
Cyclohexane
Concen: 3.391 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

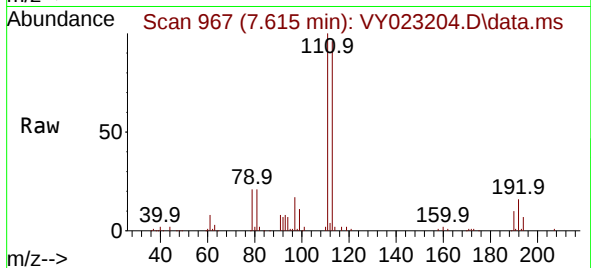
Tgt Ion: 56 Resp: 26828
Ion Ratio Lower Upper
56 100
69 80.9 28.2 42.2#
84 123.5 76.6 114.8#



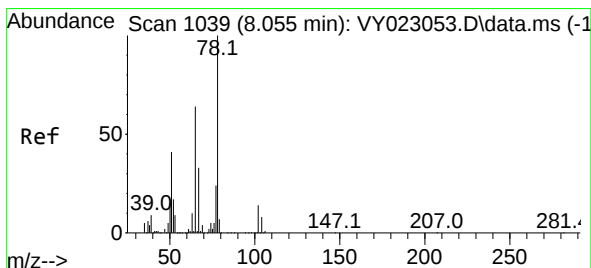
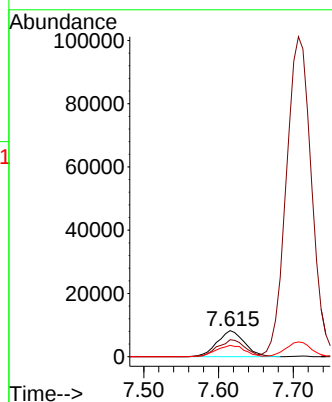
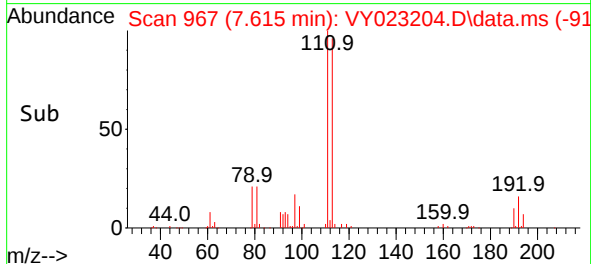


#32
 1,1,1-Trichloroethane
 Concen: 2.714 ug/l
 RT: 7.615 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

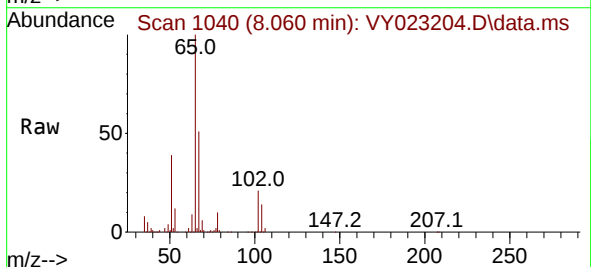
Instrument :
 MSVOA_Y
 ClientSampleId :



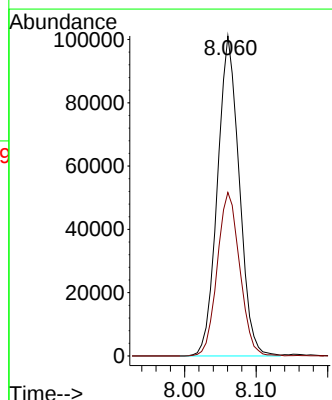
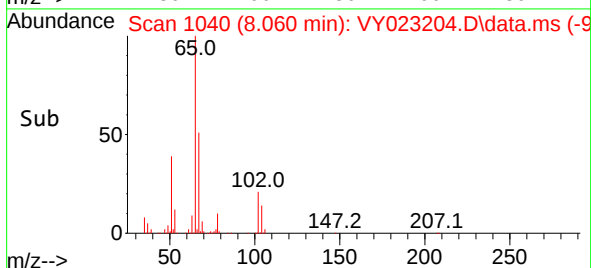
Tgt Ion: 97 Resp: 20851
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.6 77.4
 61 45.5 34.2 51.2

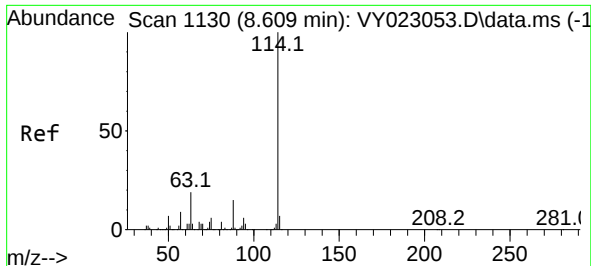


#33
 1,2-Dichloroethane-d4
 Concen: 50.417 ug/l
 RT: 8.060 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11



Tgt Ion: 65 Resp: 214129
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

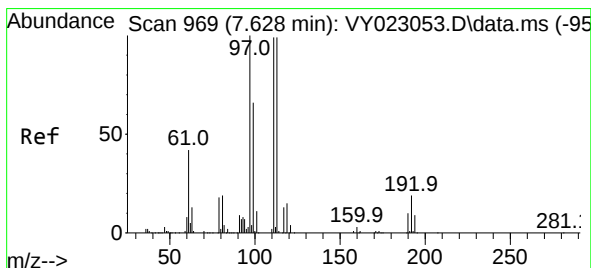
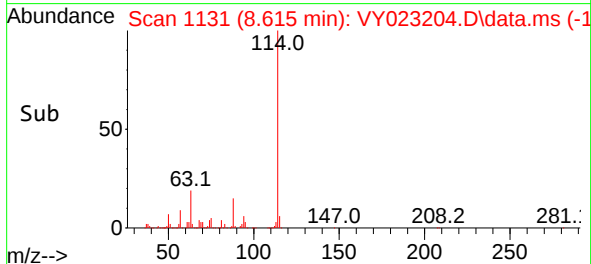
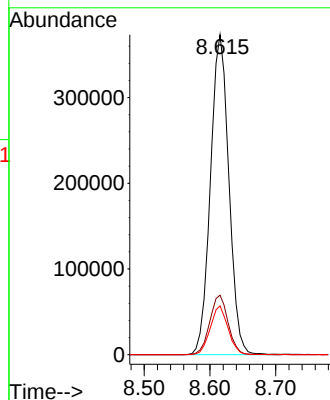
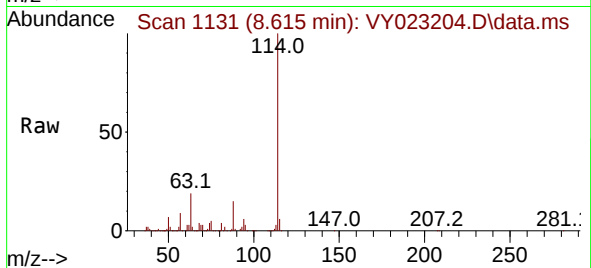
Tgt Ion:114 Resp: 727774

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 51.251 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

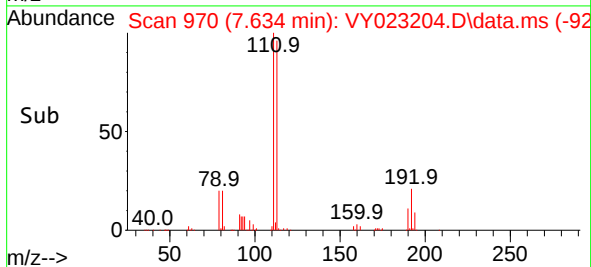
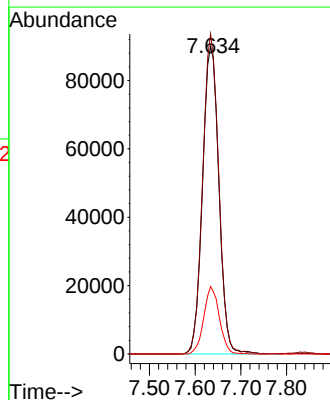
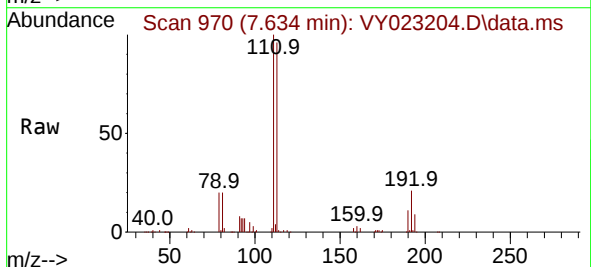
Tgt Ion:113 Resp: 223186

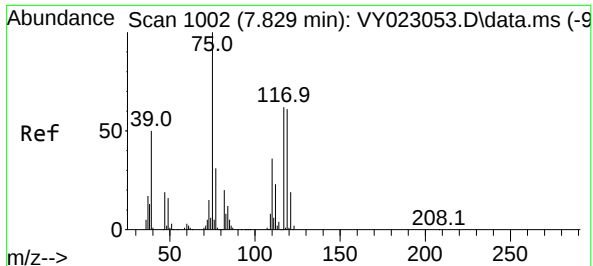
Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

192 20.8 16.2 24.4





#36

1,1-Dichloropropene

Concen: 2.649 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

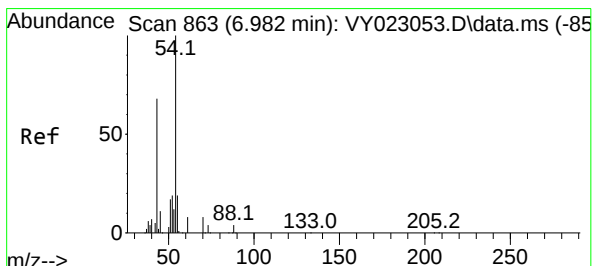
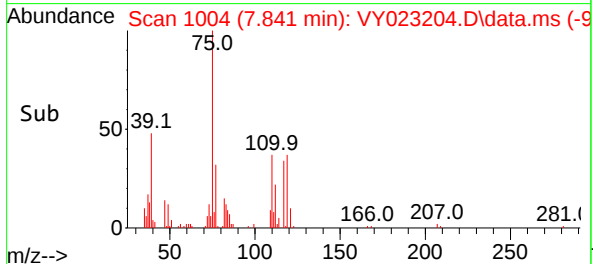
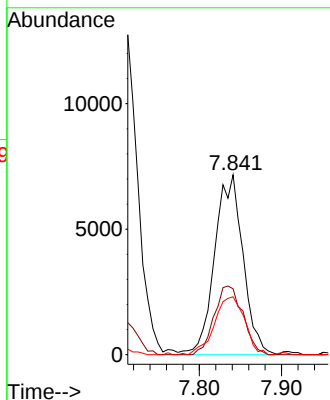
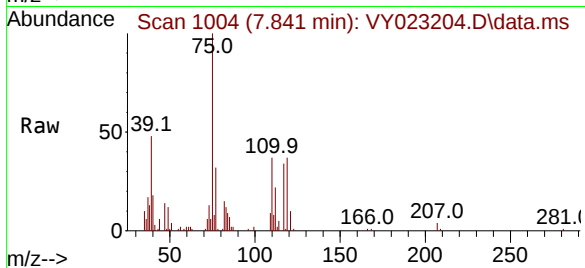
Tgt Ion: 75 Resp: 17143

Ion Ratio Lower Upper

75 100

110 38.5 18.1 54.4

77 34.3 24.6 37.0



#37

Ethyl Acetate

Concen: 2.018 ug/l

RT: 6.987 min Scan# 864

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

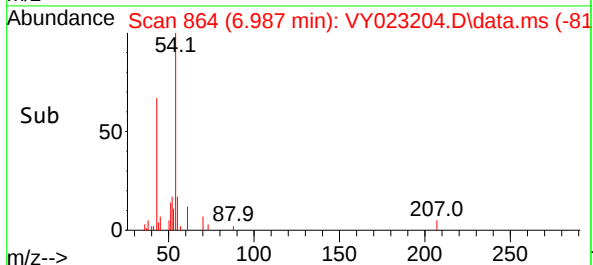
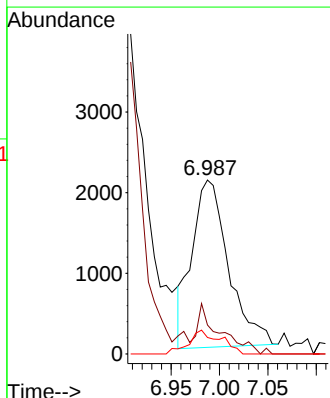
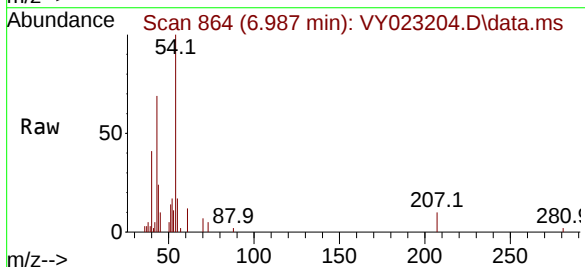
Tgt Ion: 43 Resp: 5485

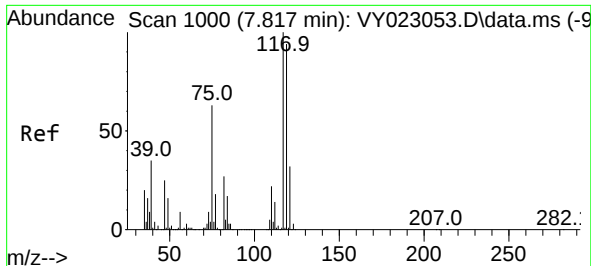
Ion Ratio Lower Upper

43 100

61 18.6 11.9 17.9#

70 12.2 8.8 13.2

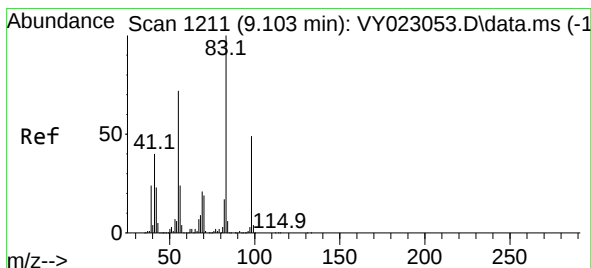
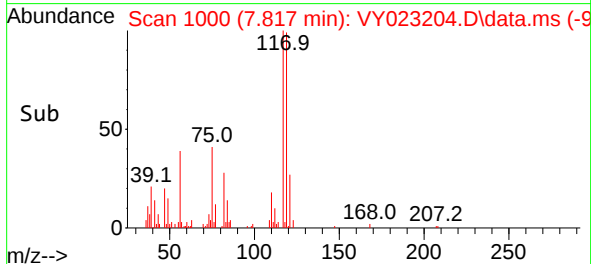
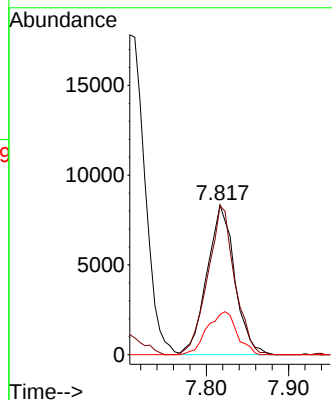
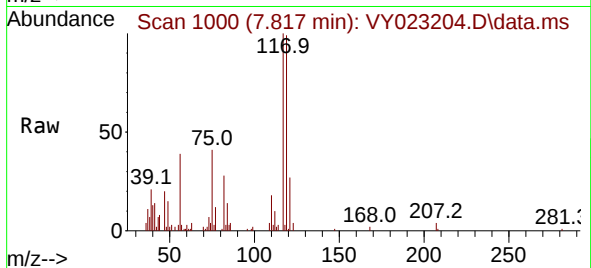




#38
Carbon Tetrachloride
Concen: 2.774 ug/l
RT: 7.817 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

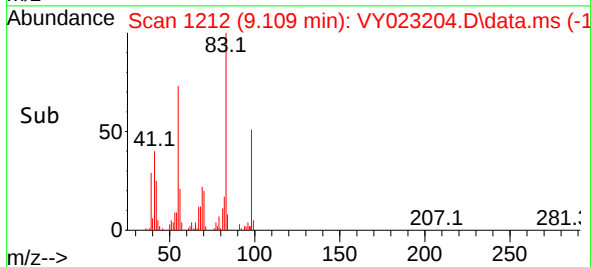
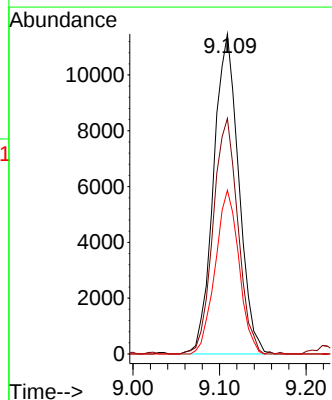
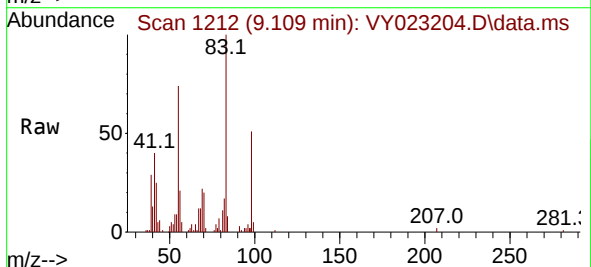
Instrument :
MSVOA_Y
ClientSampleId :

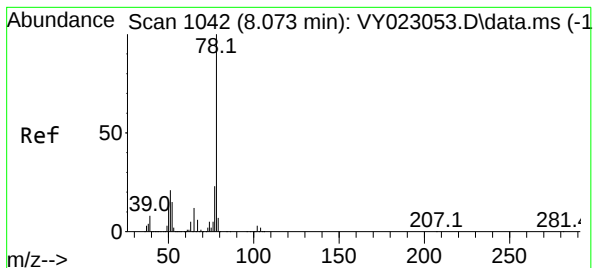
Tgt Ion:117 Resp: 19500
Ion Ratio Lower Upper
117 100
119 99.5 75.6 113.4
121 26.9 25.8 38.8



#39
Methylcyclohexane
Concen: 2.718 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 83 Resp: 23166
Ion Ratio Lower Upper
83 100
55 73.6 57.6 86.4
98 51.2 39.2 58.8





#40

Benzene

Concen: 2.580 ug/l

RT: 8.079 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

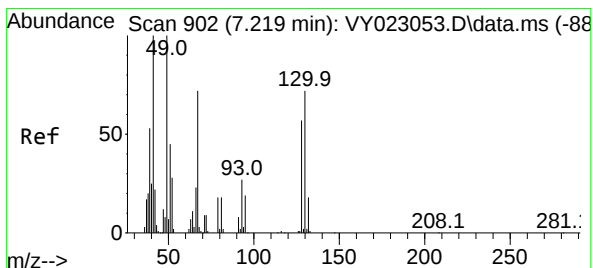
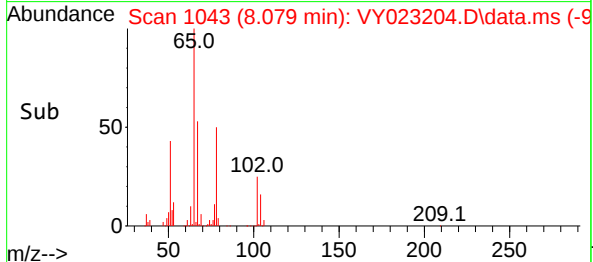
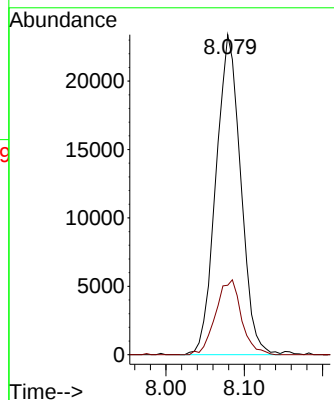
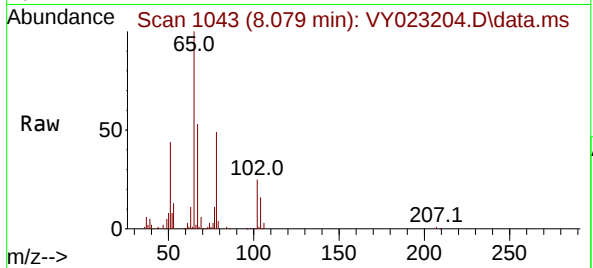
ClientSampleId :

Tgt Ion: 78 Resp: 51463

Ion Ratio Lower Upper

78 100

77 21.7 18.6 28.0



#41

Methacrylonitrile

Concen: 1.477 ug/l

RT: 7.219 min Scan# 902

Delta R.T. -0.000 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Tgt Ion: 41 Resp: 2317

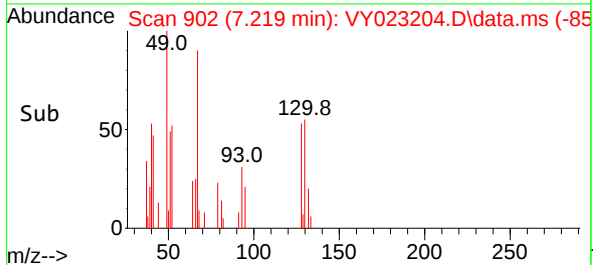
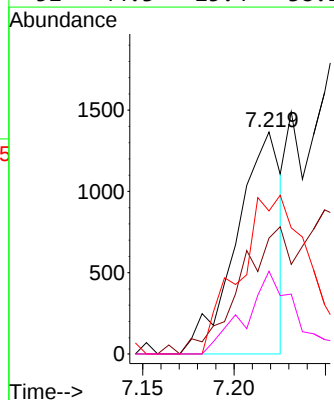
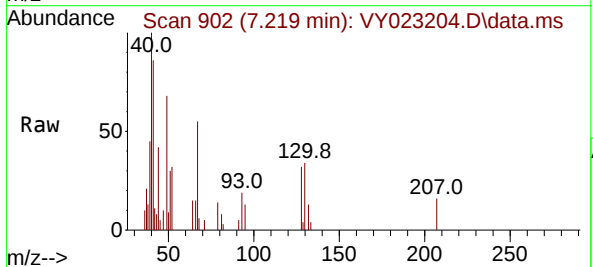
Ion Ratio Lower Upper

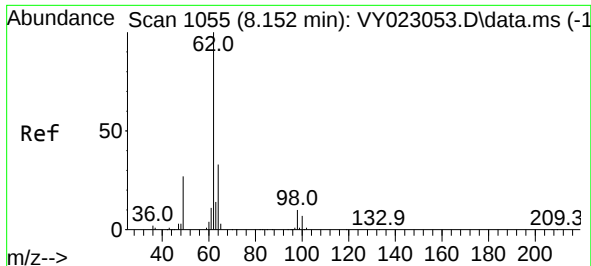
41 100

39 65.6 43.4 65.2#

67 115.8 63.6 95.4#

52 44.3 25.4 38.2#

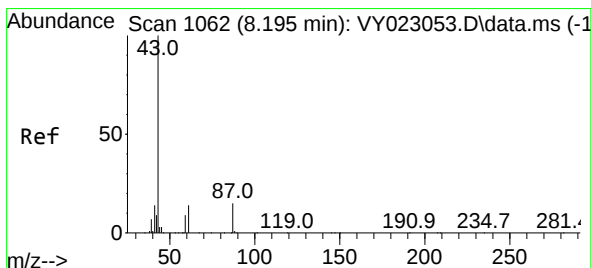
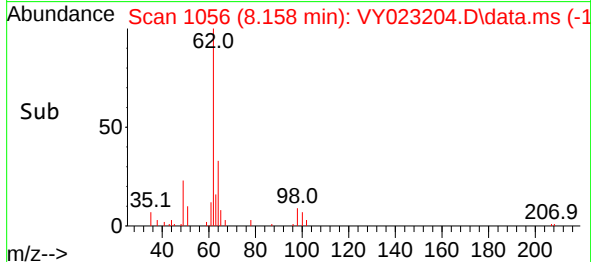
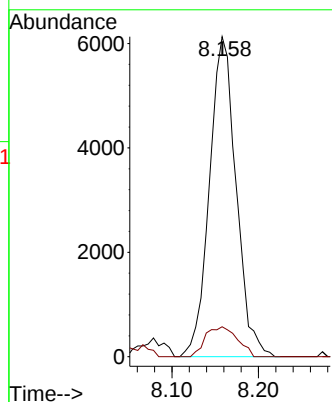
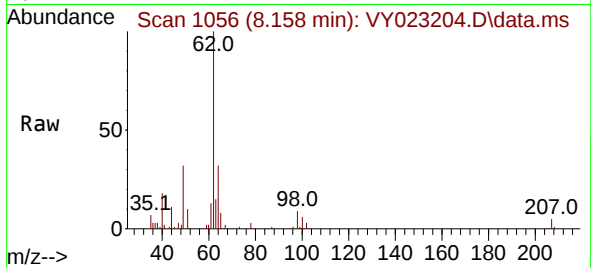




#42
1,2-Dichloroethane
Concen: 2.530 ug/l
RT: 8.158 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

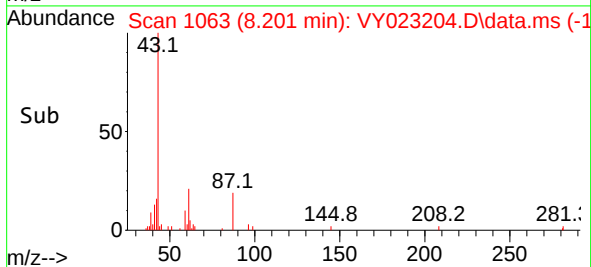
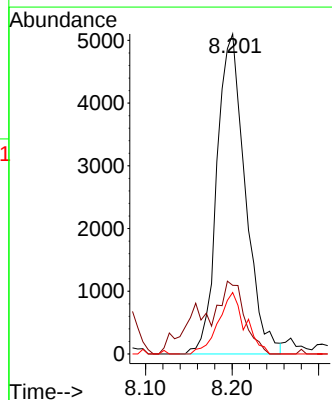
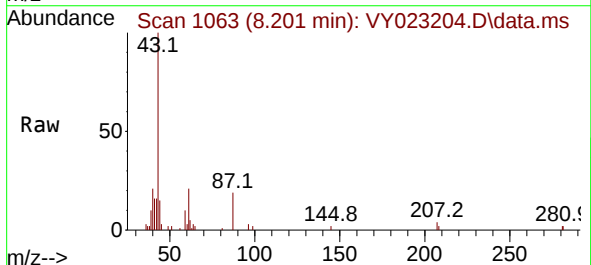
Instrument :
MSVOA_Y
ClientSampleId :

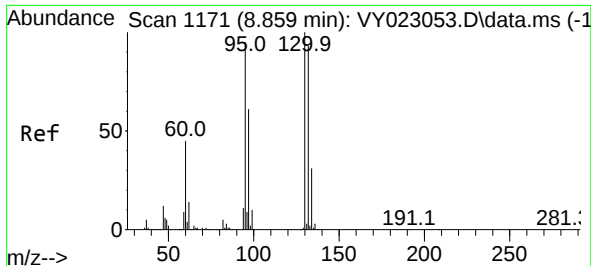
Tgt Ion: 62 Resp: 13127
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.6



#43
Isopropyl Acetate
Concen: 2.103 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 43 Resp: 11556
Ion Ratio Lower Upper
43 100
61 20.3 16.4 24.6
87 18.2 11.8 17.6#

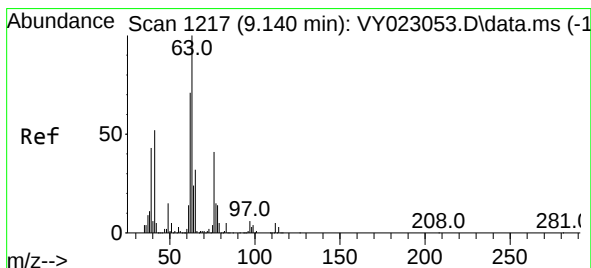
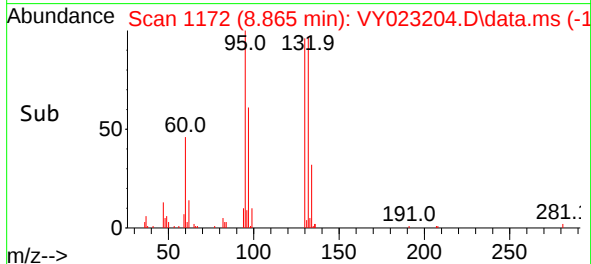
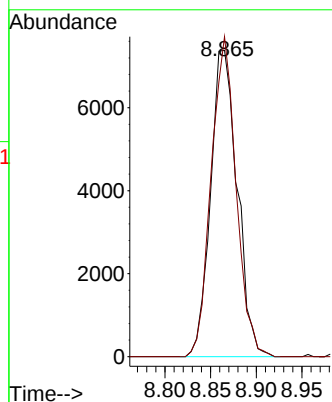
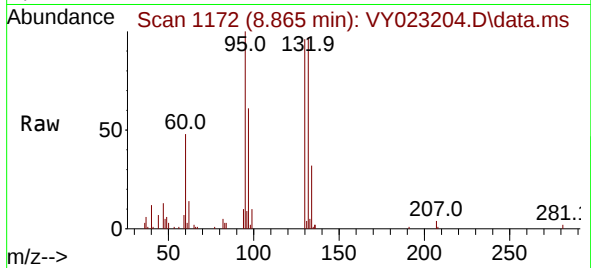




#44
 Trichloroethene
 Concen: 2.906 ug/l
 RT: 8.865 min Scan# 1171
 Delta R.T. 0.006 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

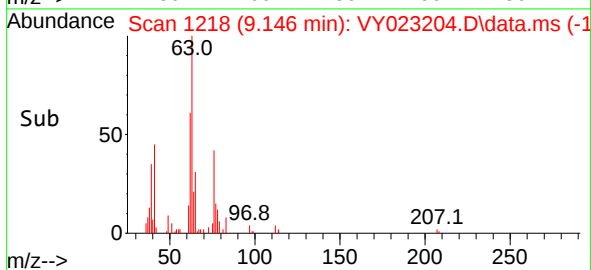
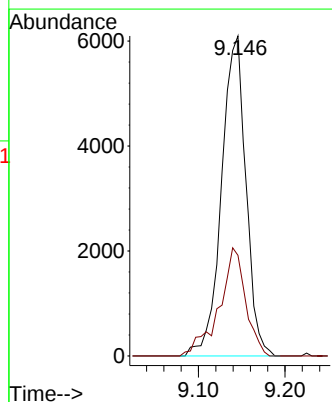
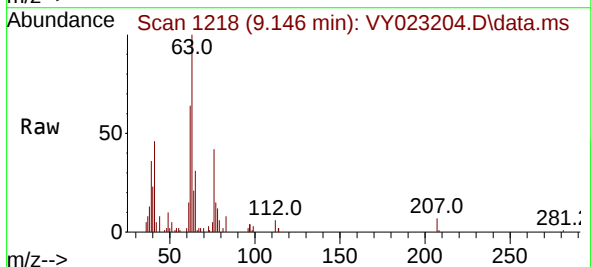
Instrument :
 MSVOA_Y
 ClientSampleId :

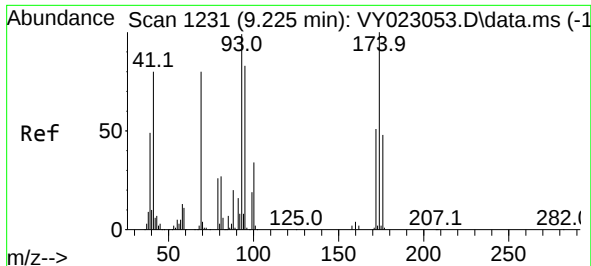
Tgt Ion:130 Resp: 14979
 Ion Ratio Lower Upper
 130 100
 95 104.5 0.0 190.2



#45
 1,2-Dichloropropane
 Concen: 2.596 ug/l
 RT: 9.146 min Scan# 1218
 Delta R.T. 0.006 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

Tgt Ion: 63 Resp: 11915
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.3 37.9

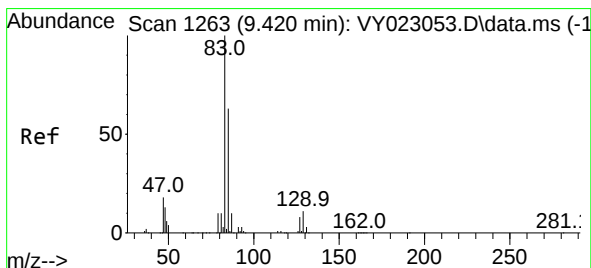
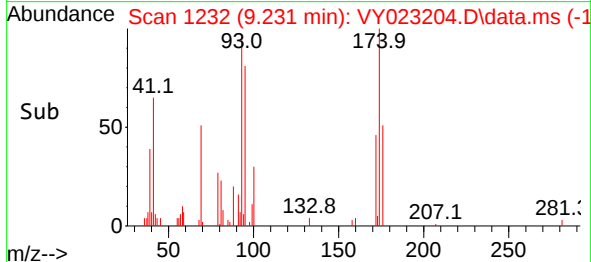
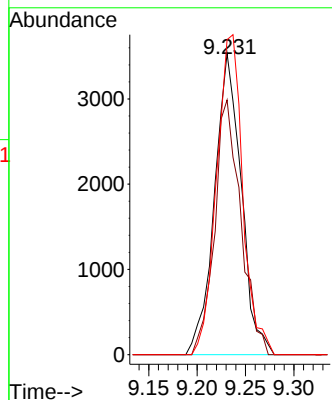
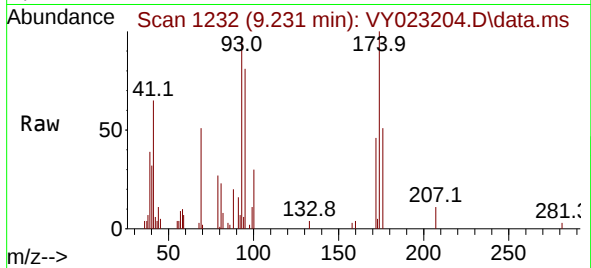




#46
Dibromomethane
Concen: 2.578 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

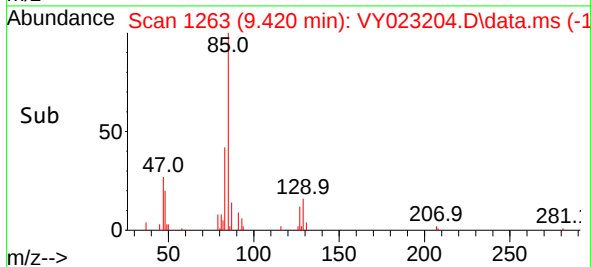
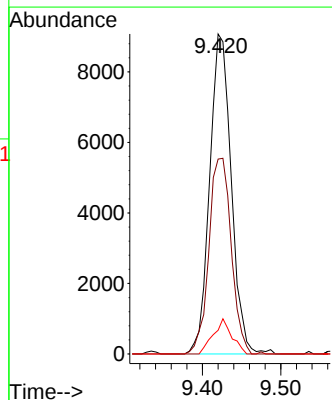
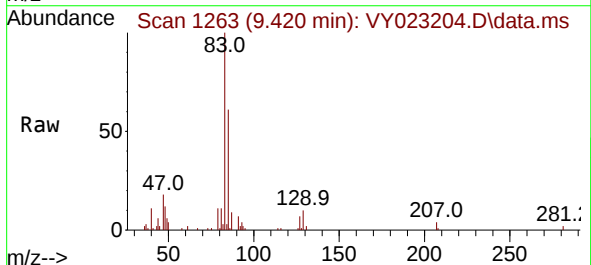
Instrument :
MSVOA_Y
ClientSampleId :

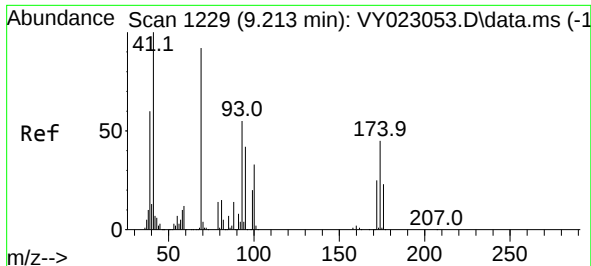
Tgt Ion: 93 Resp: 6790
Ion Ratio Lower Upper
93 100
95 82.7 66.5 99.7
174 104.2 81.8 122.8



#47
Bromodichloromethane
Concen: 2.563 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 83 Resp: 17372
Ion Ratio Lower Upper
83 100
85 60.9 50.2 75.4
127 7.4 6.6 10.0





#48

Methyl methacrylate

Concen: 1.985 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY023204.D

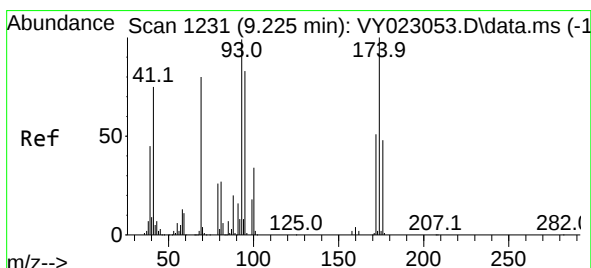
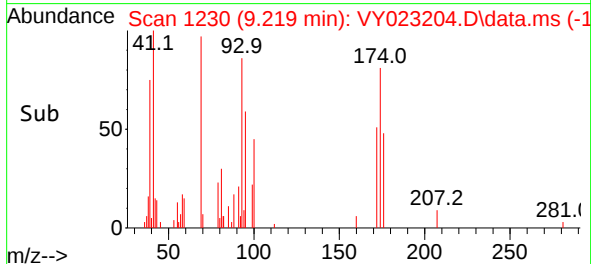
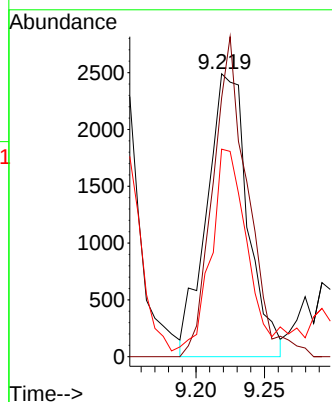
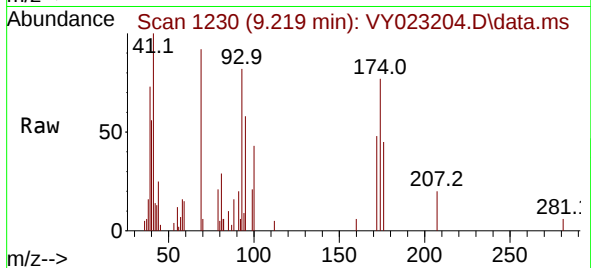
Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	41	Resp:	5220
Ion	Ratio	Lower	Upper
41	100		
69	95.6	73.2	109.8
39	60.2	47.0	70.4



#49

1,4-Dioxane

Concen: 51.250 ug/l

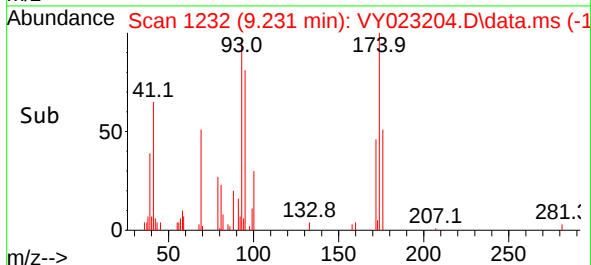
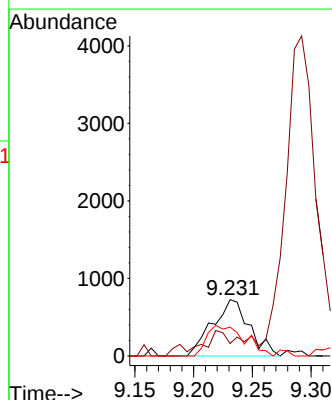
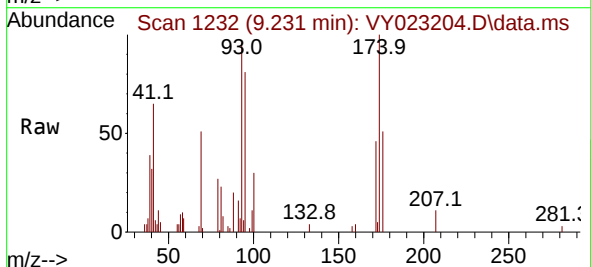
RT: 9.231 min Scan# 1232

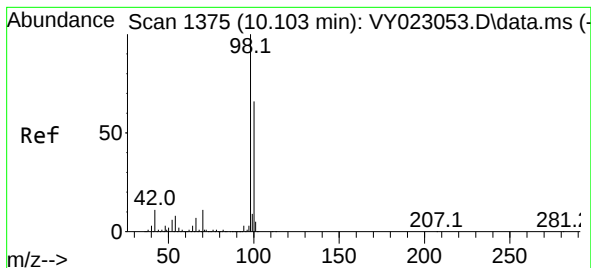
Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Tgt Ion:	88	Resp:	1583
Ion	Ratio	Lower	Upper
88	100		
43	19.5	24.3	36.5#
58	55.1	55.4	83.0#

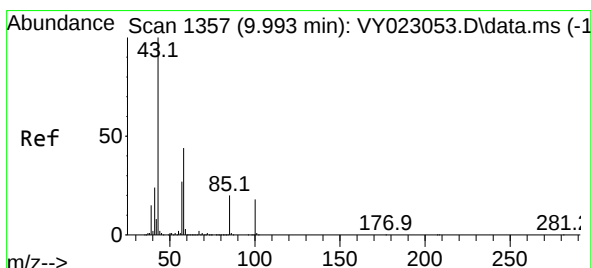
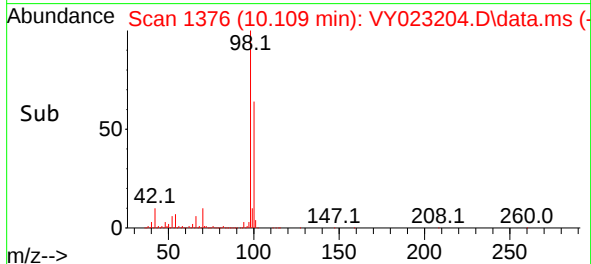
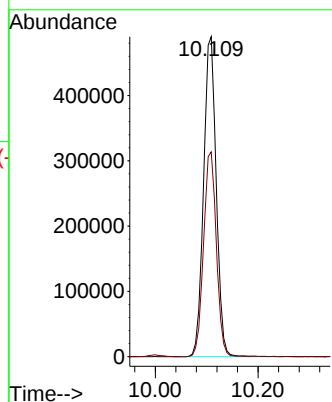
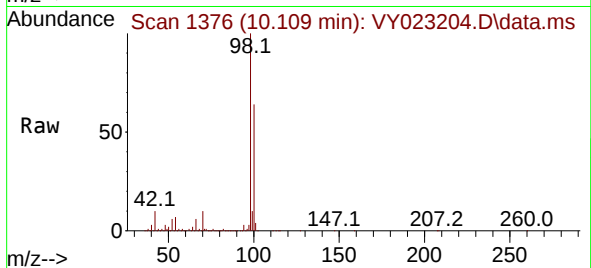




#50
Toluene-d8
Concen: 49.158 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

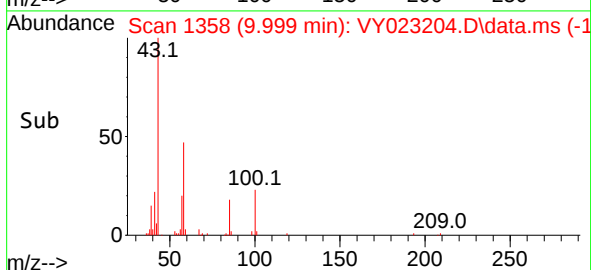
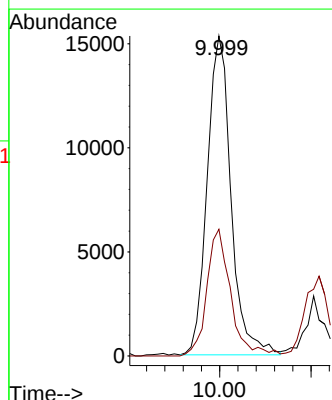
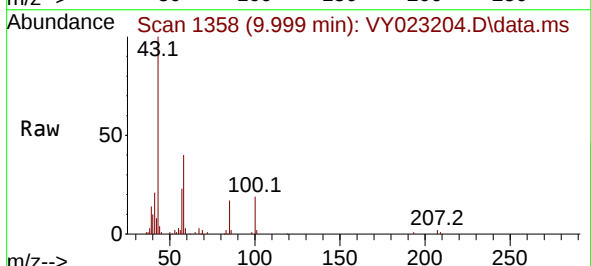
Instrument :
MSVOA_Y
ClientSampleId :

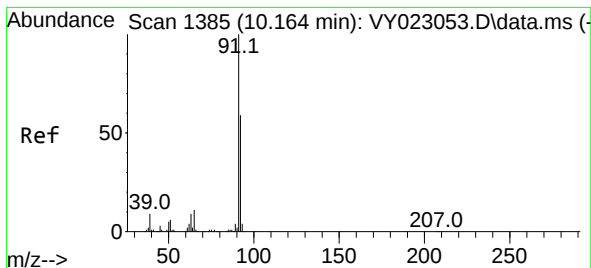
Tgt Ion: 98 Resp: 836293
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 9.770 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 43 Resp: 27692
Ion Ratio Lower Upper
43 100
58 39.8 33.5 50.3





#52

Toluene

Concen: 2.628 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

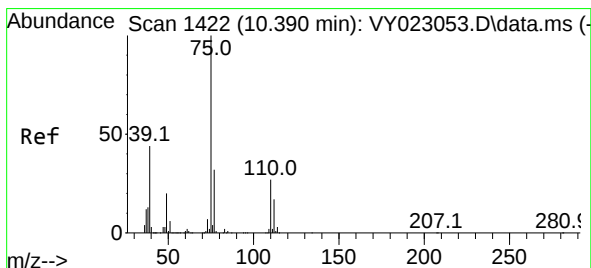
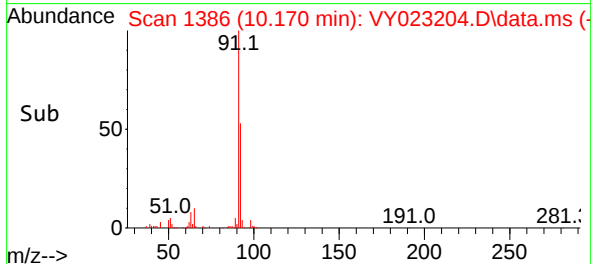
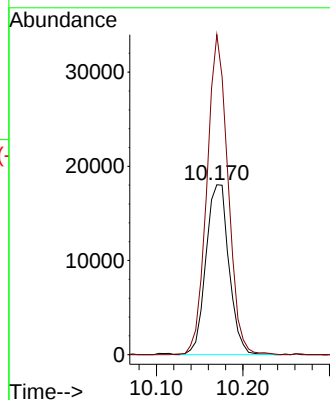
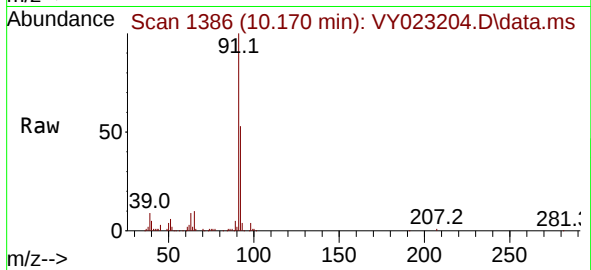
ClientSampleId :

Tgt Ion: 92 Resp: 33298

Ion Ratio Lower Upper

92 100

91 172.9 136.4 204.6



#53

t-1,3-Dichloropropene

Concen: 2.278 ug/l

RT: 10.395 min Scan# 1423

Delta R.T. 0.006 min

Lab File: VY023204.D

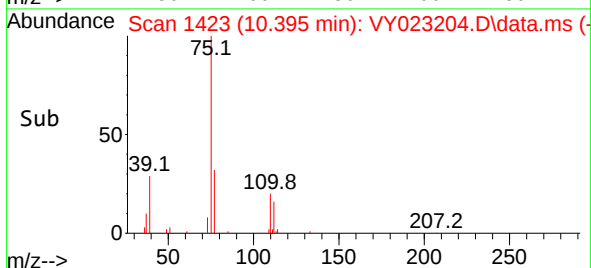
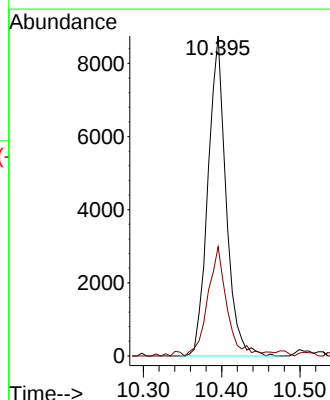
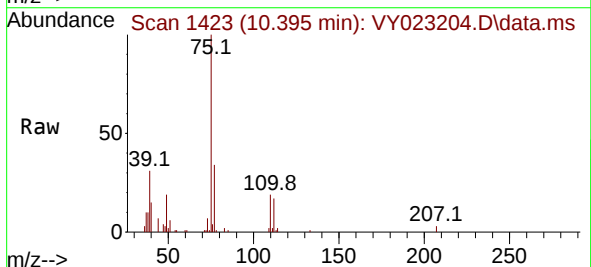
Acq: 25 Aug 2025 11:11

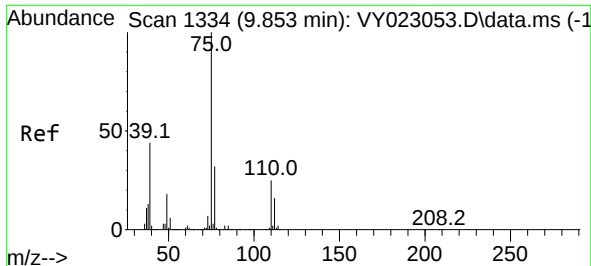
Tgt Ion: 75 Resp: 13985

Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5

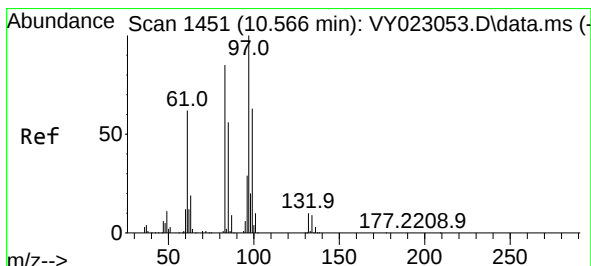
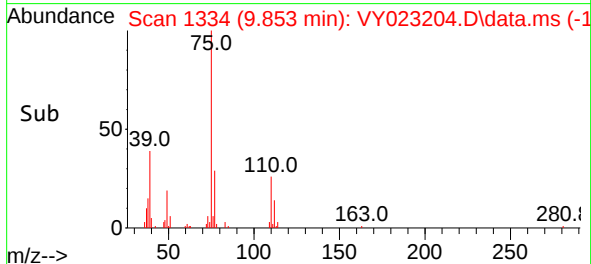
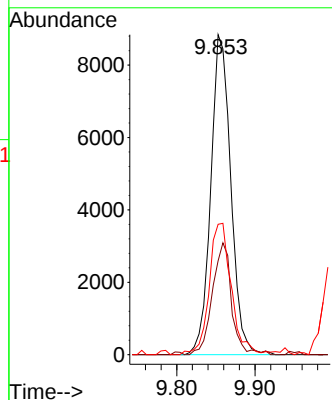
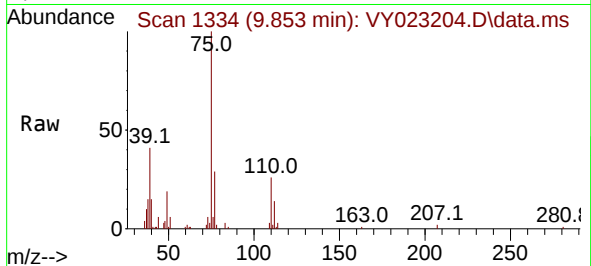




#54
 cis-1,3-Dichloropropene
 Concen: 2.167 ug/l
 RT: 9.853 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

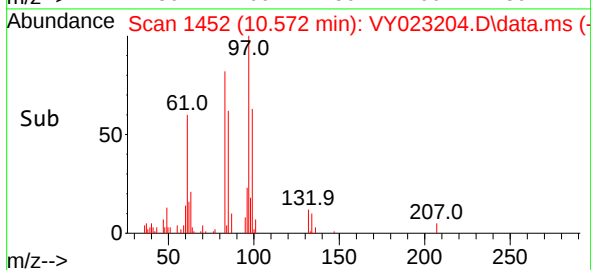
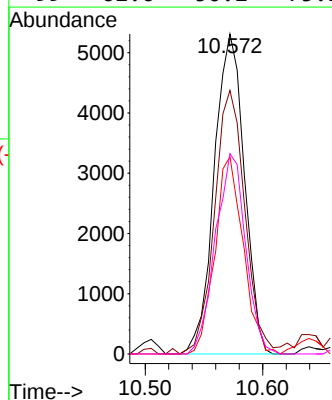
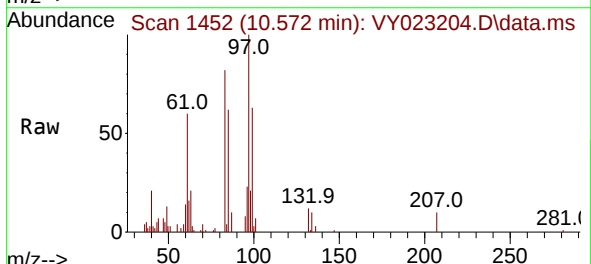
Instrument :
 MSVOA_Y
 ClientSampleId :

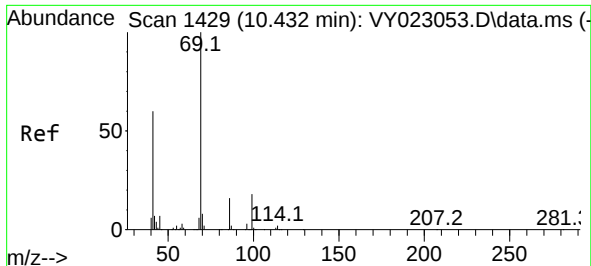
Tgt Ion: 75	Resp: 15726
Ion Ratio	Lower Upper
75 100	
77 29.4	25.4 38.0
39 40.7	35.6 53.4



#55
 1,1,2-Trichloroethane
 Concen: 2.679 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

Tgt Ion: 97	Resp: 9443
Ion Ratio	Lower Upper
97 100	
83 82.4	67.7 101.5
85 61.6	44.5 66.7
99 62.6	50.2 75.2

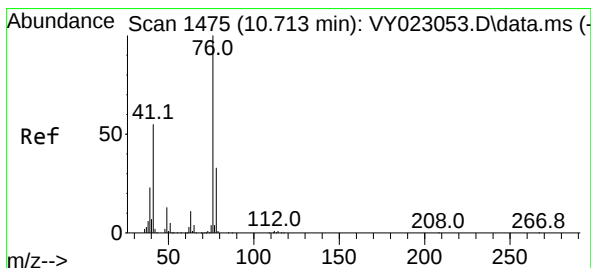
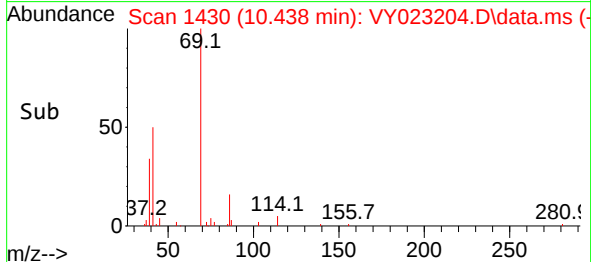
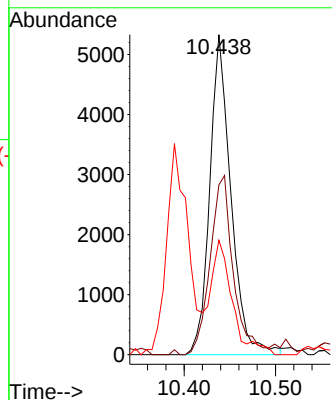
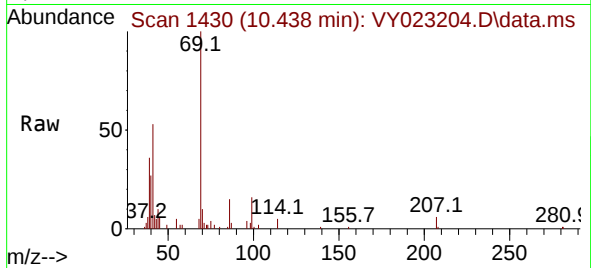




#56
Ethyl methacrylate
Concen: 1.907 ug/l
RT: 10.438 min Scan# 1429
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

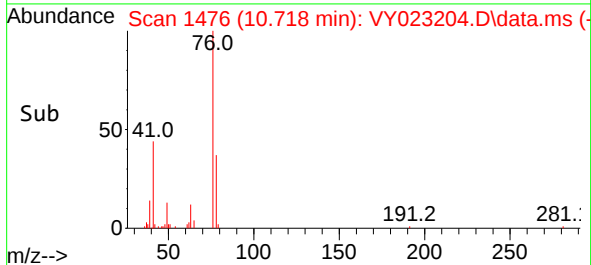
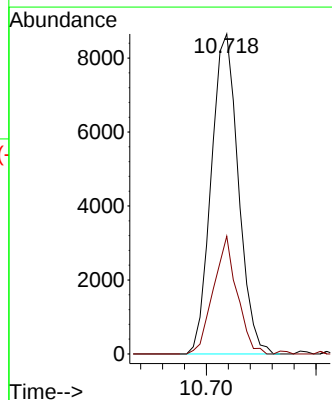
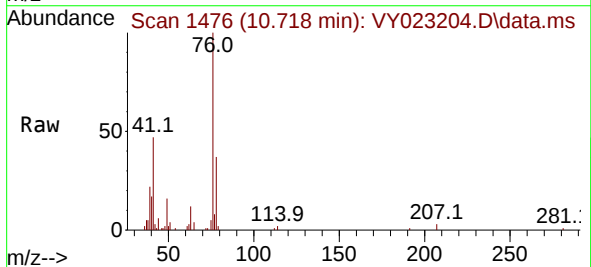
Instrument :
MSVOA_Y
ClientSampleId :

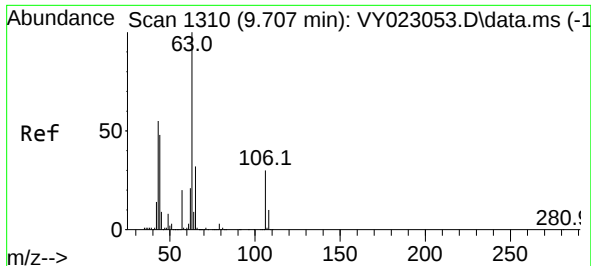
Tgt Ion: 69 Resp: 8602
Ion Ratio Lower Upper
69 100
41 60.9 48.6 72.8
39 36.2 27.0 40.4



#57
1,3-Dichloropropane
Concen: 2.488 ug/l
RT: 10.718 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 76 Resp: 14873
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0

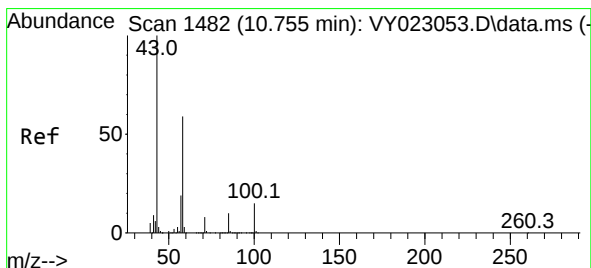
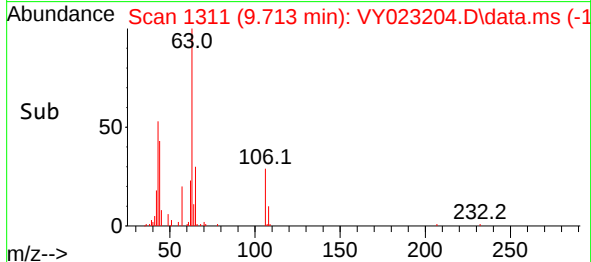
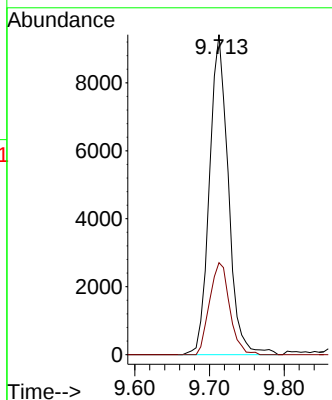
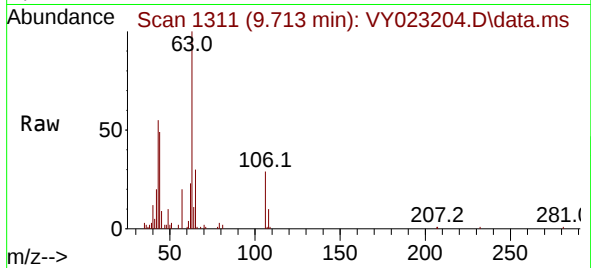




#58
2-Chloroethyl Vinyl ether
Concen: 7.767 ug/l
RT: 9.713 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

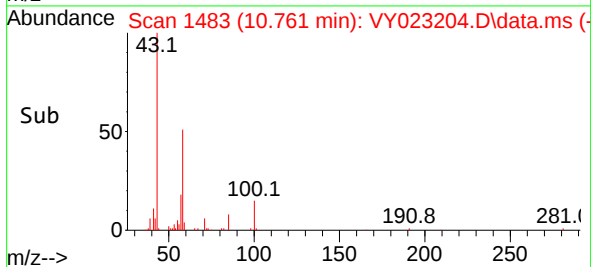
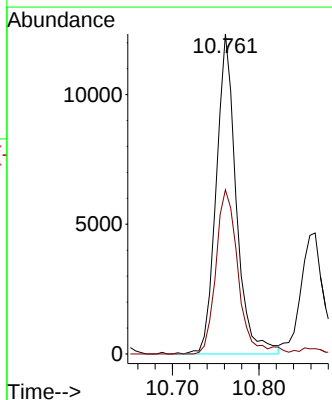
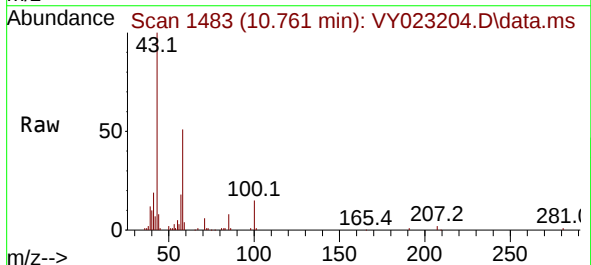
Instrument :
MSVOA_Y
ClientSampleId :

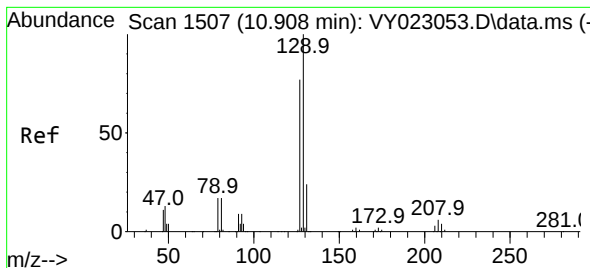
Tgt Ion: 63 Resp: 16525
Ion Ratio Lower Upper
63 100
106 30.5 23.2 34.8



#59
2-Hexanone
Concen: 10.242 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 43 Resp: 19768
Ion Ratio Lower Upper
43 100
58 57.2 29.5 88.5





#60

Dibromochloromethane

Concen: 2.456 ug/l

RT: 10.914 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

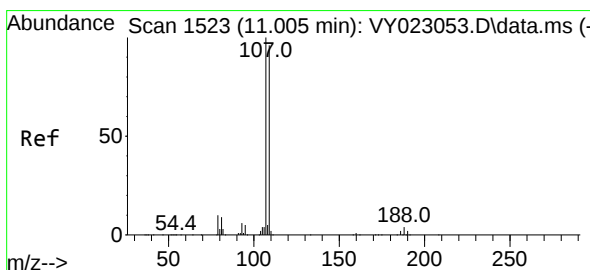
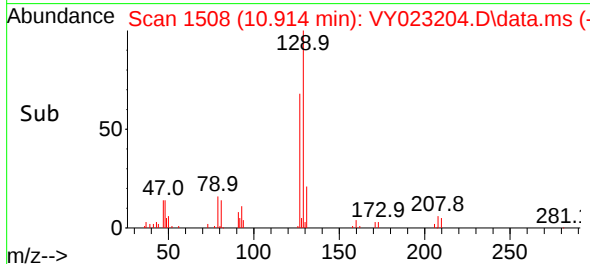
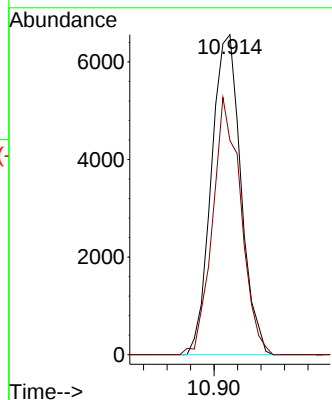
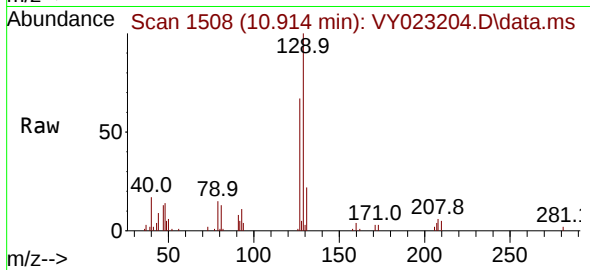
ClientSampleId :

Tgt Ion:129 Resp: 11423

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.5



#61

1,2-Dibromoethane

Concen: 2.400 ug/l

RT: 11.011 min Scan# 1524

Delta R.T. 0.006 min

Lab File: VY023204.D

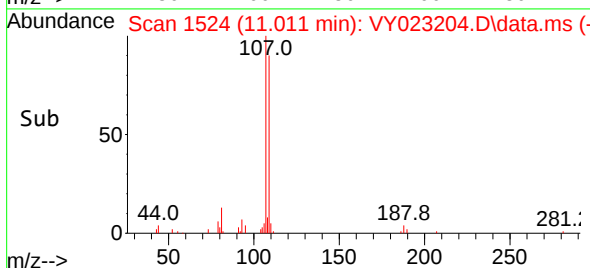
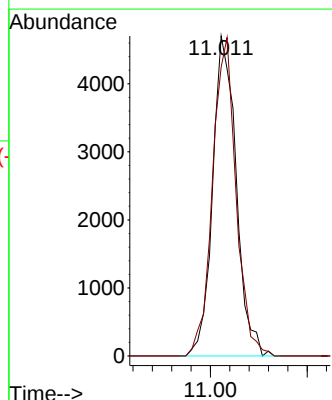
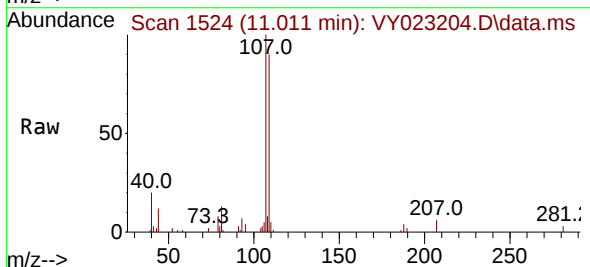
Acq: 25 Aug 2025 11:11

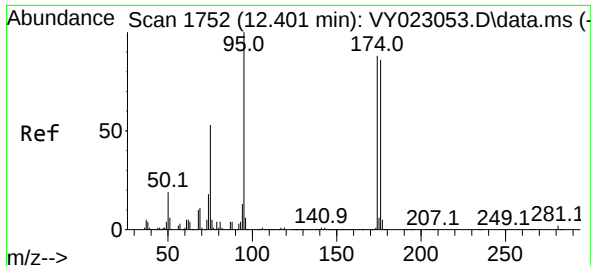
Tgt Ion:107 Resp: 7952

Ion Ratio Lower Upper

107 100

109 99.3 75.6 113.4





#62

4-Bromofluorobenzene

Concen: 44.521 ug/l

RT: 12.401 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

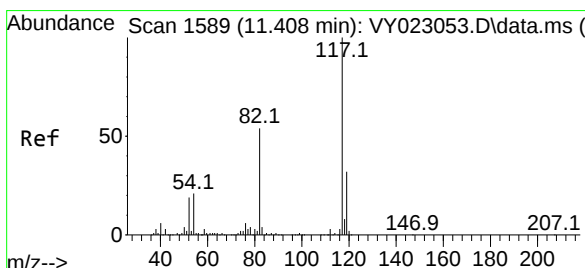
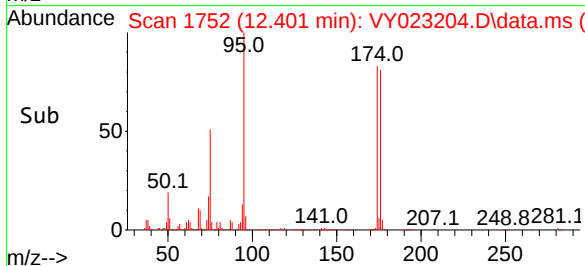
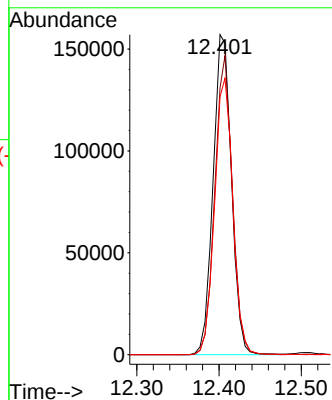
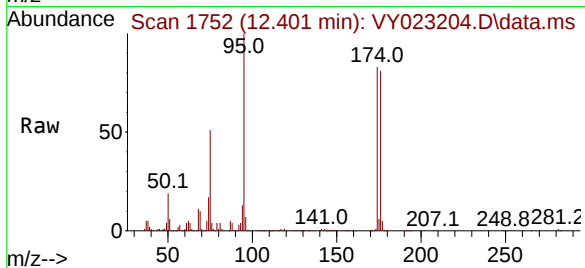
Tgt Ion: 95 Resp: 243578

Ion Ratio Lower Upper

95 100

174 89.5 0.0 171.6

176 86.1 0.0 167.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

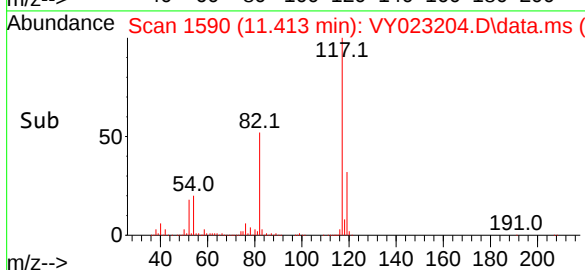
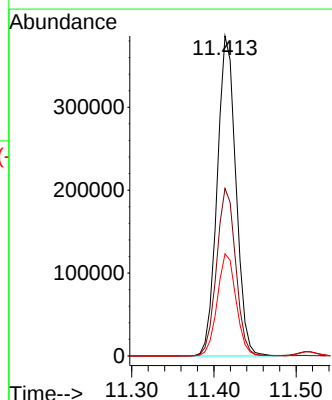
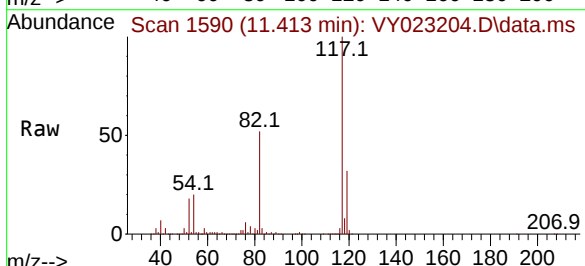
Tgt Ion: 117 Resp: 612346

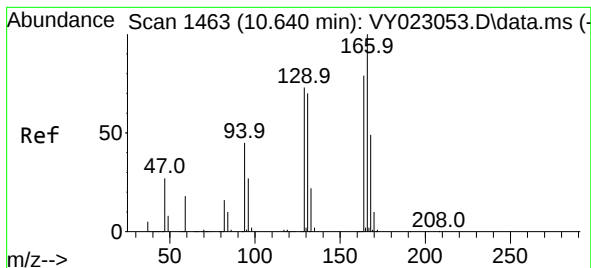
Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 31.9 25.6 38.4





#64

Tetrachloroethene

Concen: 3.293 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. 0.012 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:164 Resp: 18004

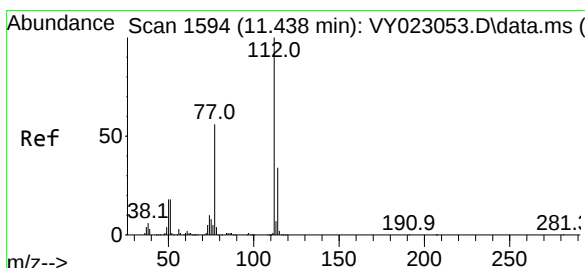
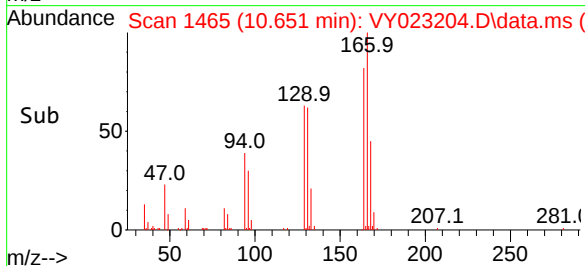
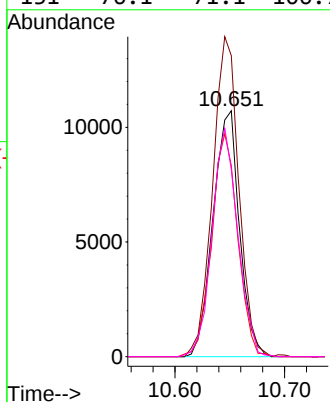
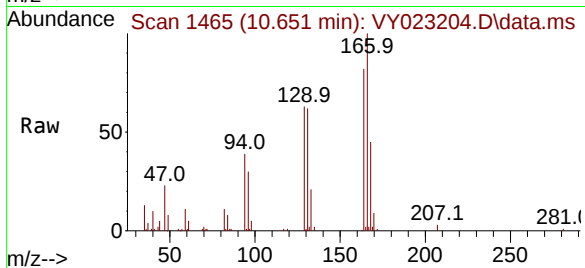
Ion Ratio Lower Upper

164 100

166 122.3 101.1 151.7

129 77.6 74.0 111.0

131 76.1 71.1 106.7



#65

Chlorobenzene

Concen: 2.831 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY023204.D

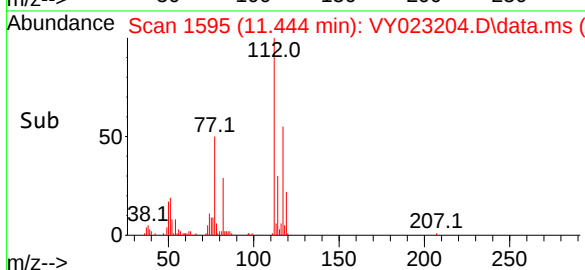
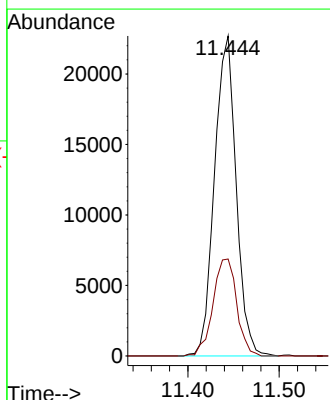
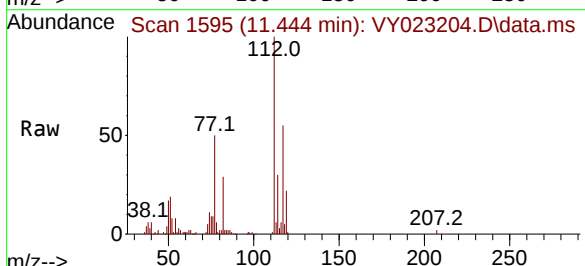
Acq: 25 Aug 2025 11:11

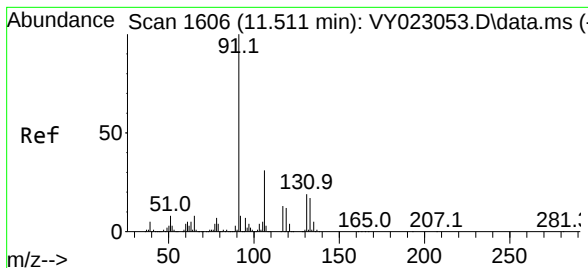
Tgt Ion:112 Resp: 37387

Ion Ratio Lower Upper

112 100

114 30.3 27.0 40.4

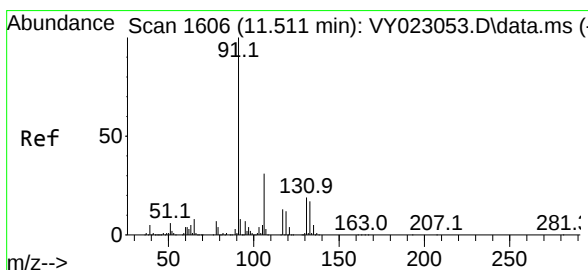
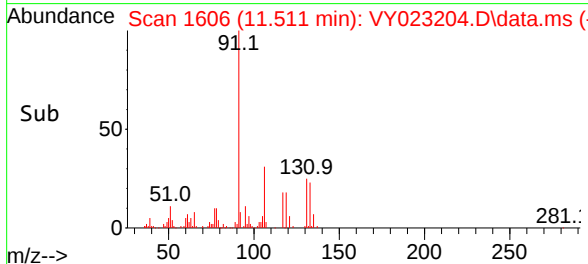
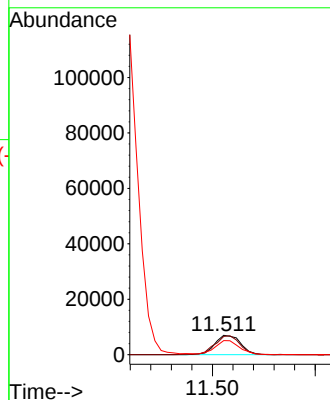
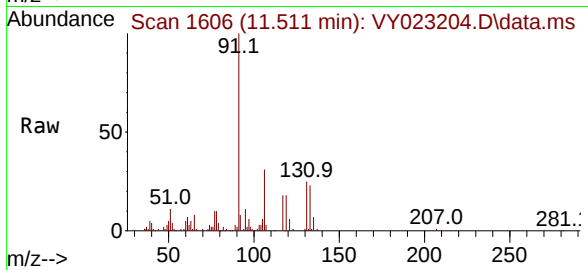




#66
 1,1,1,2-Tetrachloroethane
 Concen: 2.715 ug/l
 RT: 11.511 min Scan# 1606
 Delta R.T. -0.000 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

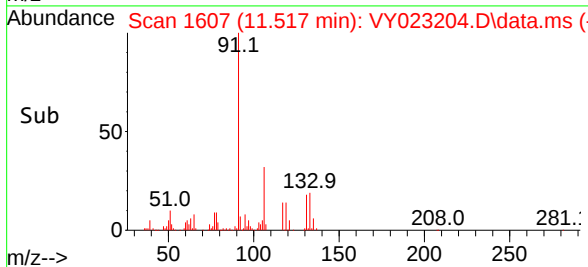
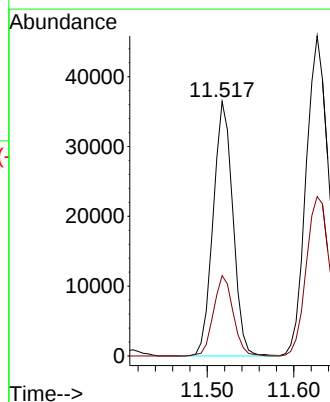
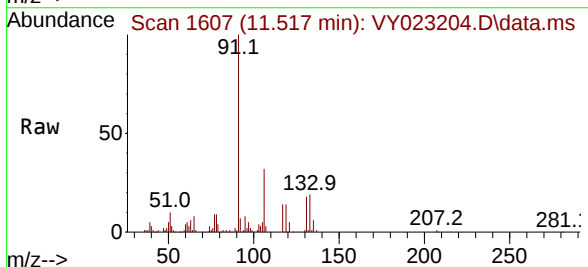
Instrument :
 MSVOA_Y
 ClientSampleId :

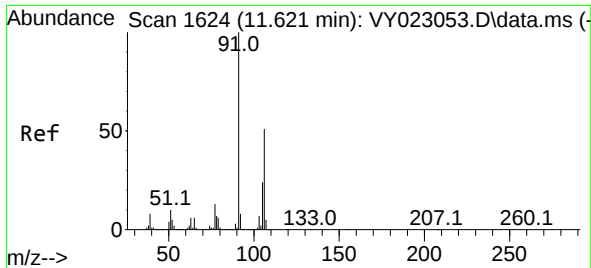
Tgt Ion:131 Resp: 12169
 Ion Ratio Lower Upper
 131 100
 133 95.5 46.9 140.6
 119 70.0 33.2 99.6



#67
 Ethyl Benzene
 Concen: 2.536 ug/l
 RT: 11.517 min Scan# 1607
 Delta R.T. 0.006 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

Tgt Ion: 91 Resp: 57650
 Ion Ratio Lower Upper
 91 100
 106 31.6 25.0 37.4

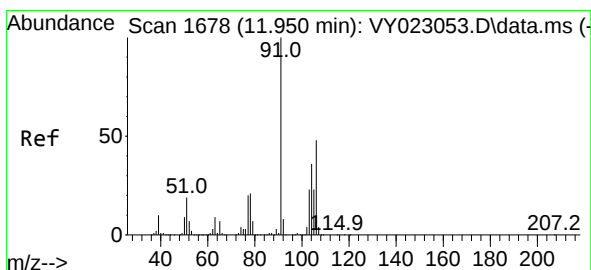
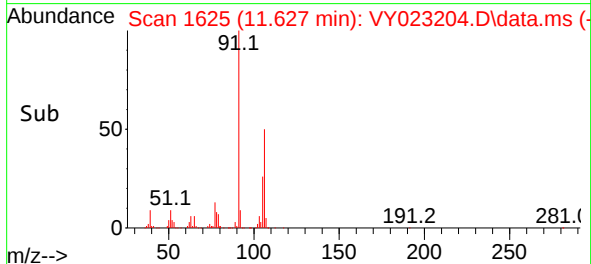
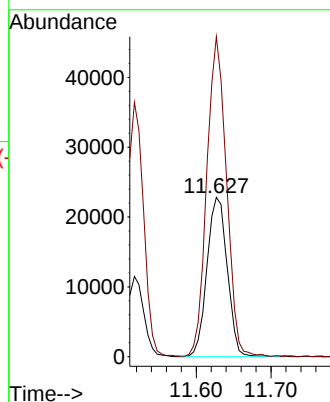
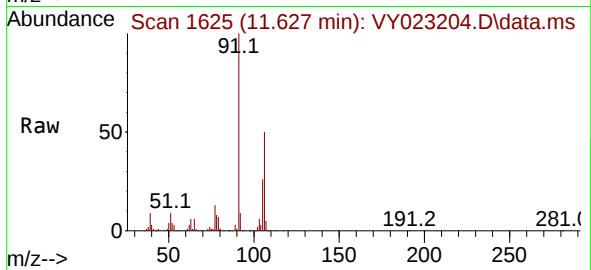




#68
m/p-Xylenes
Concen: 4.837 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

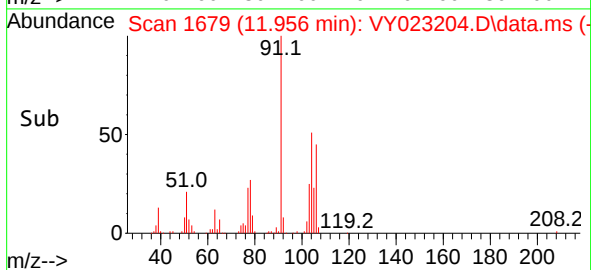
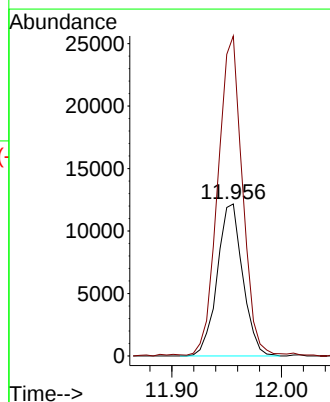
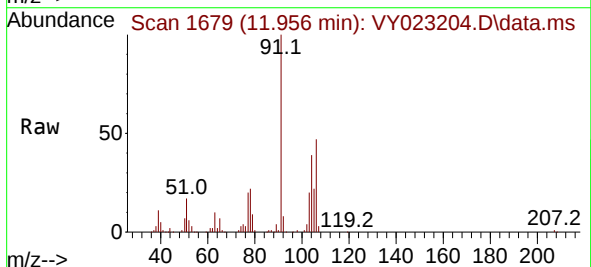
Instrument :
MSVOA_Y
ClientSampleId :

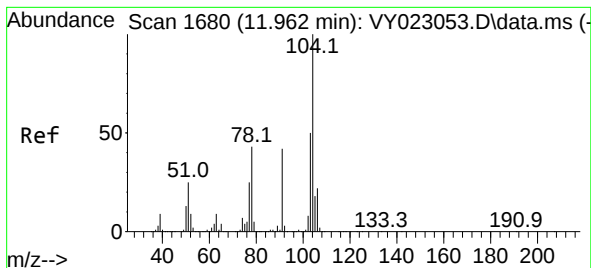
Tgt Ion:106 Resp: 42945
Ion Ratio Lower Upper
106 100
91 194.4 158.6 238.0



#69
o-Xylene
Concen: 2.360 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion:106 Resp: 19623
Ion Ratio Lower Upper
106 100
91 204.6 103.2 309.4





#70

Styrene

Concen: 2.260 ug/l

RT: 11.968 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023204.D

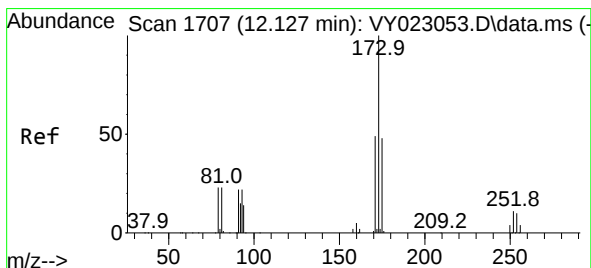
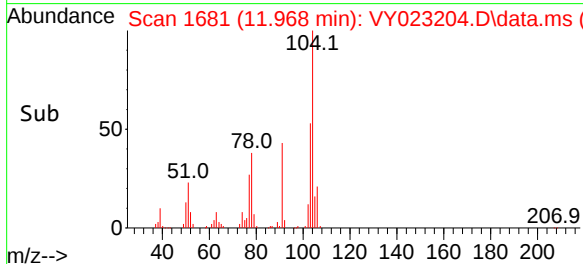
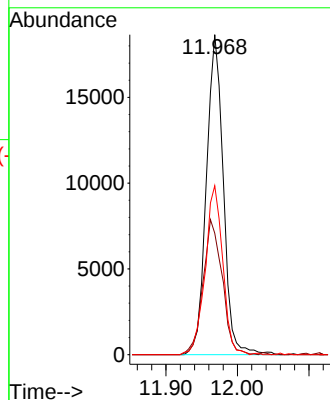
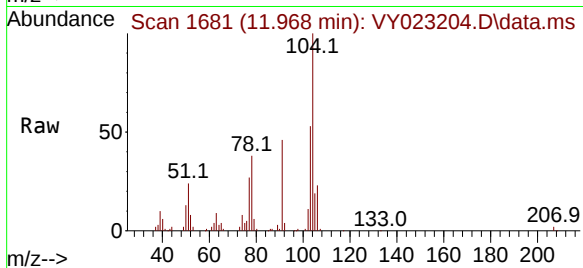
Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:104	Resp:	30734
Ion Ratio	Lower	Upper
104	100	
78	47.4	38.5 57.7
103	54.6	43.7 65.5



#71

Bromoform

Concen: 2.544 ug/l

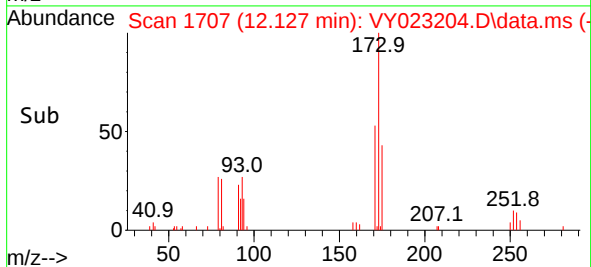
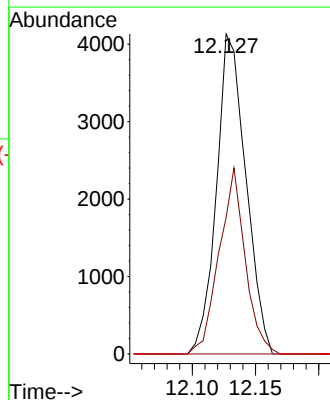
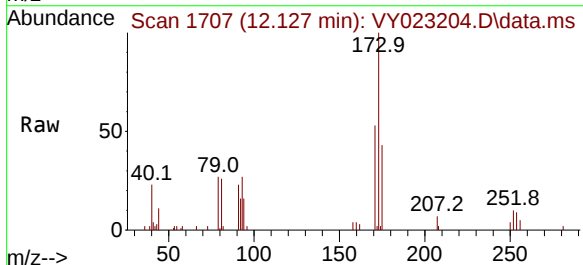
RT: 12.127 min Scan# 1707

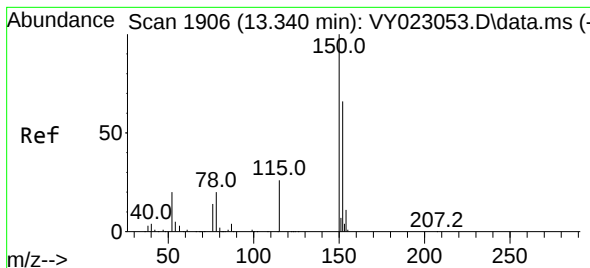
Delta R.T. -0.000 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Tgt Ion:173	Resp:	6666
Ion Ratio	Lower	Upper
173	100	
175	51.6	23.9 71.7
254	0.0	0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

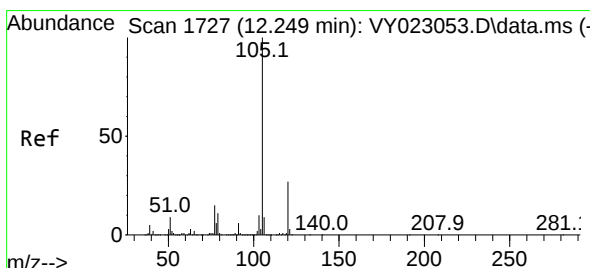
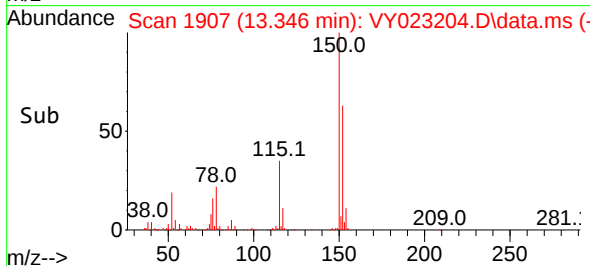
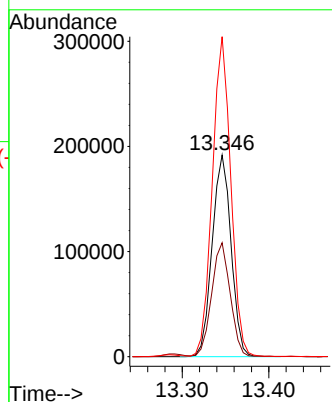
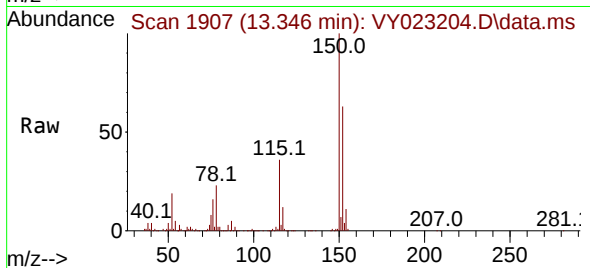
Tgt Ion:152 Resp: 290558

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.6

150 154.7 0.0 348.0



#73

Isopropylbenzene

Concen: 2.569 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023204.D

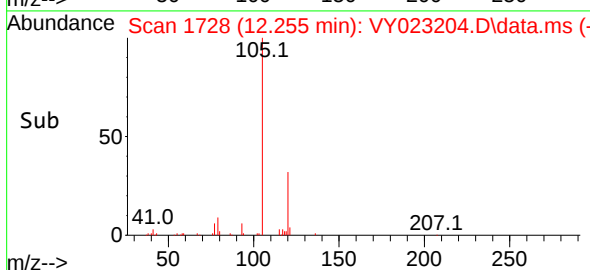
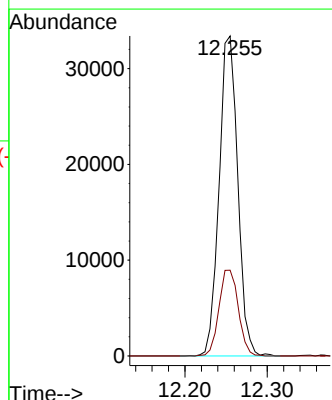
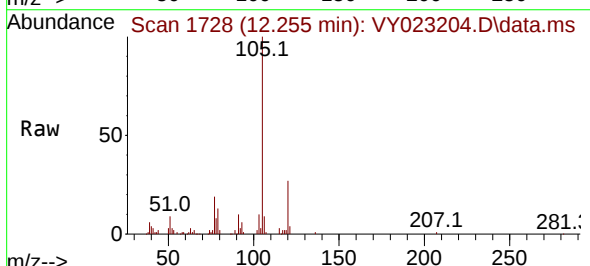
Acq: 25 Aug 2025 11:11

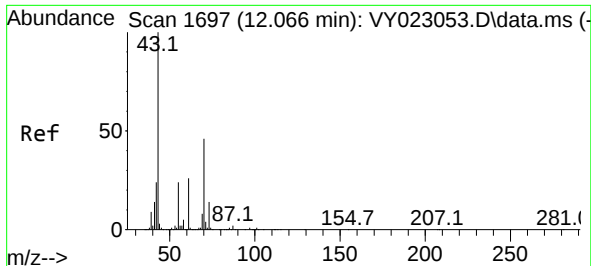
Tgt Ion:105 Resp: 52676

Ion Ratio Lower Upper

105 100

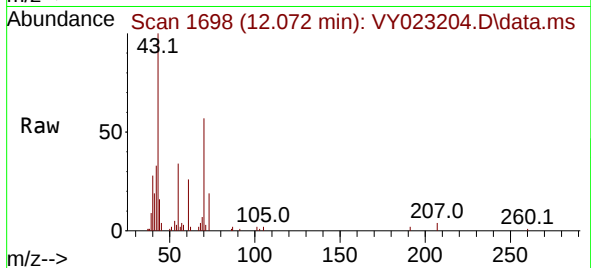
120 27.8 13.4 40.2



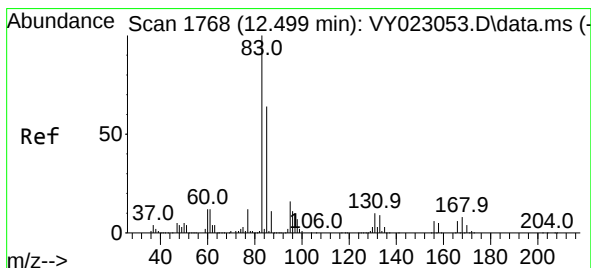
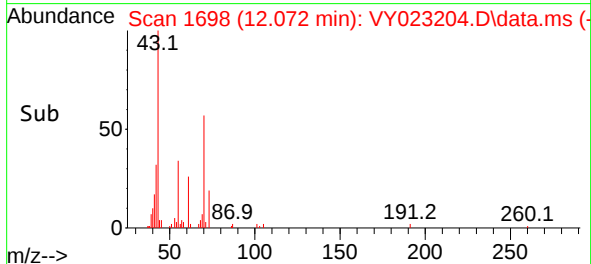
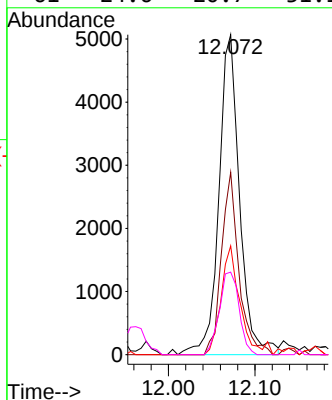


#74
N-amy1 acetate
Concen: 1.934 ug/l
RT: 12.072 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Instrument :
MSVOA_Y
ClientSampleId :

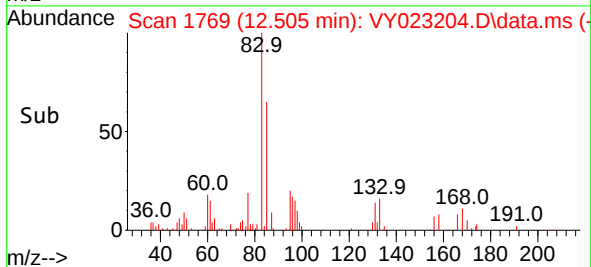
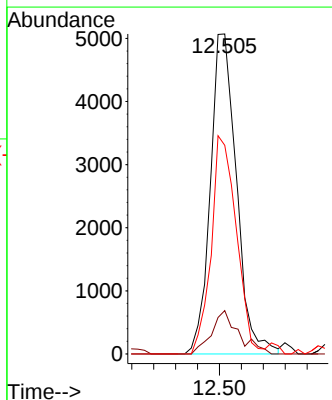
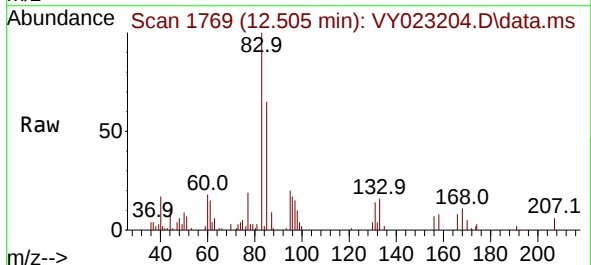


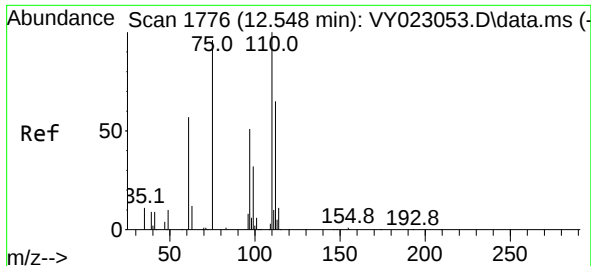
Tgt Ion:	43	Resp:	8413
Ion	Ratio	Lower	Upper
43	100		
70	48.2	37.5	56.3
55	31.8	20.7	31.1#
61	24.6	20.7	31.1



#75
1,1,2,2-Tetrachloroethane
Concen: 2.398 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion:	83	Resp:	8397
Ion	Ratio	Lower	Upper
83	100		
131	14.1	5.1	15.3
85	65.6	31.8	95.3

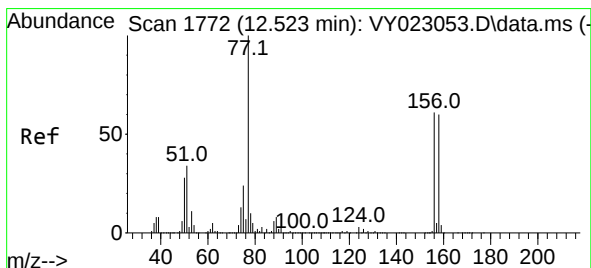
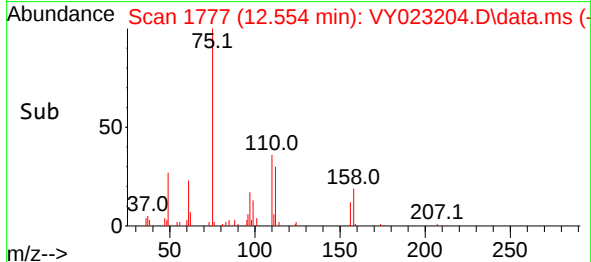
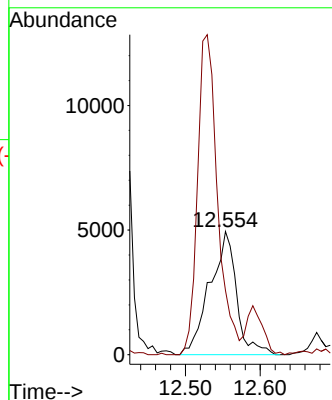
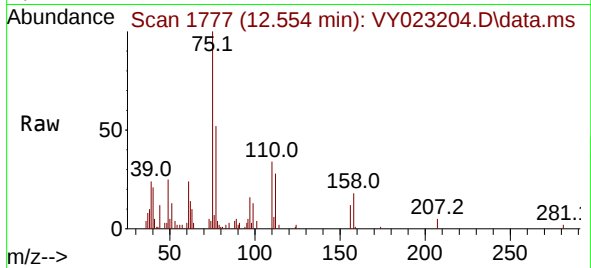




#76
1,2,3-Trichloropropane
Concen: 4.369 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

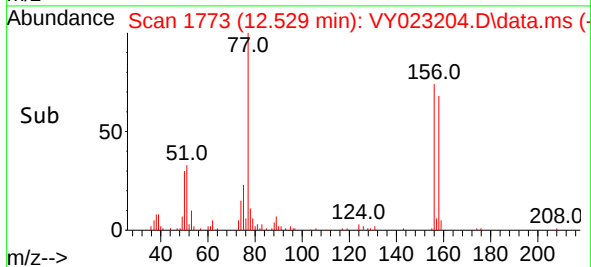
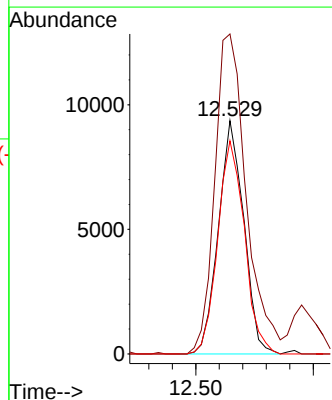
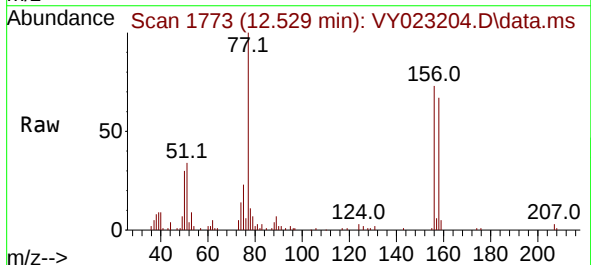
Instrument :
MSVOA_Y
ClientSampleId :

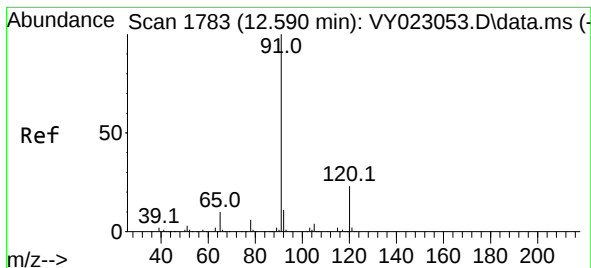
Tgt Ion: 75 Resp: 12251
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 2.876 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 156 Resp: 14070
Ion Ratio Lower Upper
156 100
77 169.8 88.1 264.4
158 96.2 48.0 144.0





#78

n-propylbenzene

Concen: 2.732 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

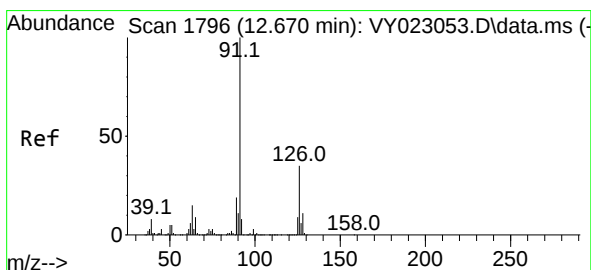
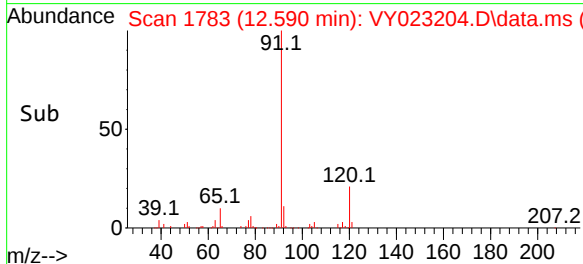
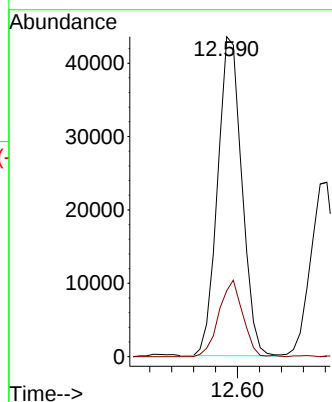
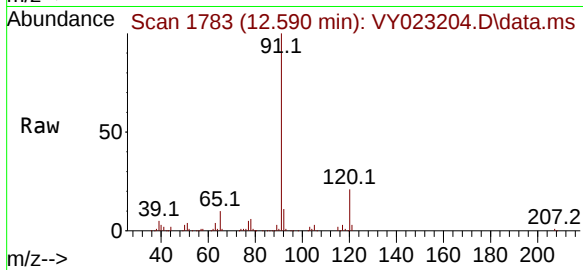
ClientSampleId :

Tgt Ion: 91 Resp: 66698

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.5



#79

2-Chlorotoluene

Concen: 2.703 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.012 min

Lab File: VY023204.D

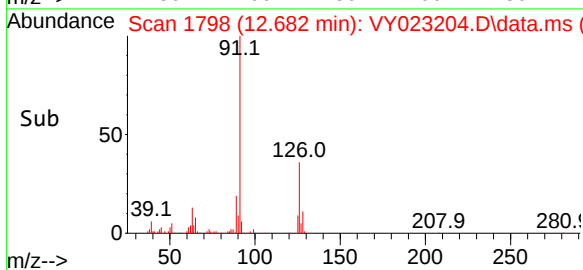
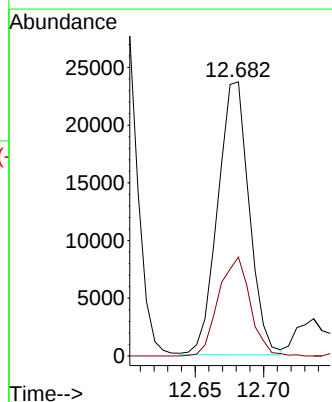
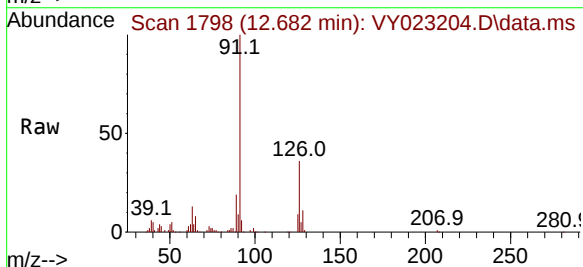
Acq: 25 Aug 2025 11:11

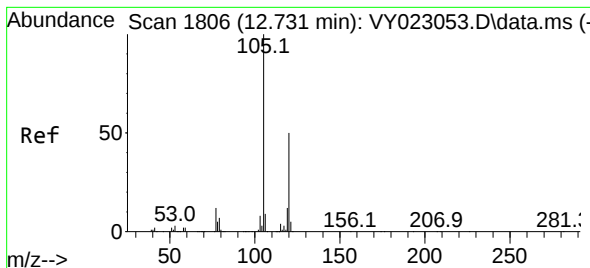
Tgt Ion: 91 Resp: 37814

Ion Ratio Lower Upper

91 100

126 36.5 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 2.511 ug/l

RT: 12.736 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

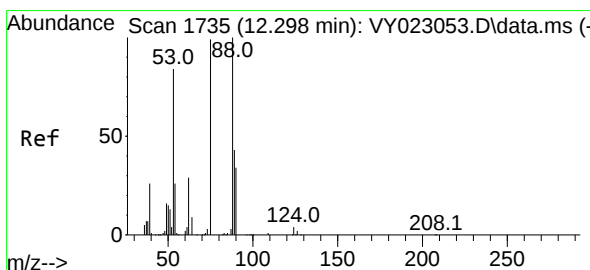
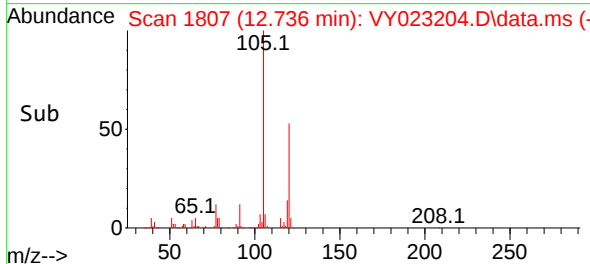
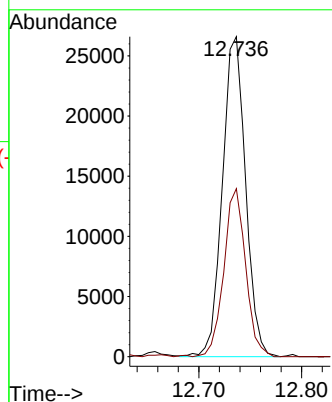
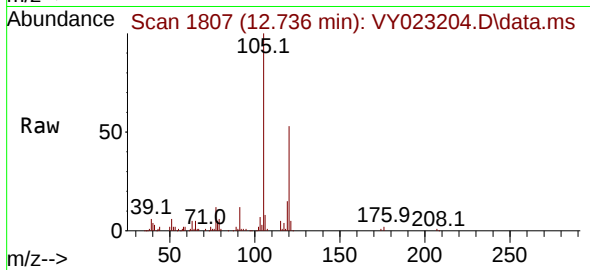
ClientSampleId :

Tgt Ion:105 Resp: 41623

Ion Ratio Lower Upper

105 100

120 49.4 24.8 74.4



#81

trans-1,4-Dichloro-2-butene

Concen: 107.772 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.103 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

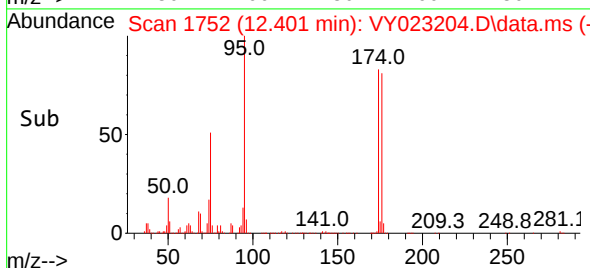
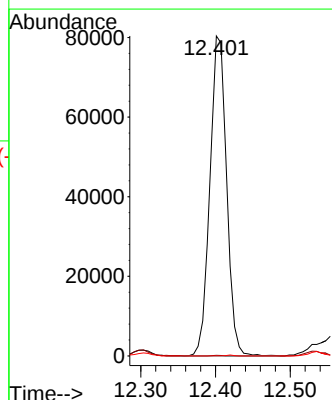
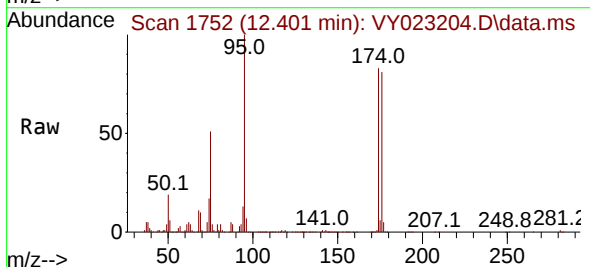
Tgt Ion: 75 Resp: 124846

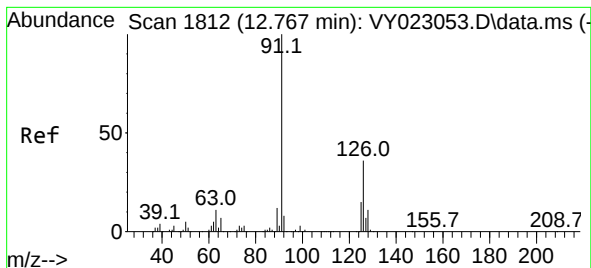
Ion Ratio Lower Upper

75 100

53 0.1 70.8 106.2#

89 0.1 38.1 57.1#

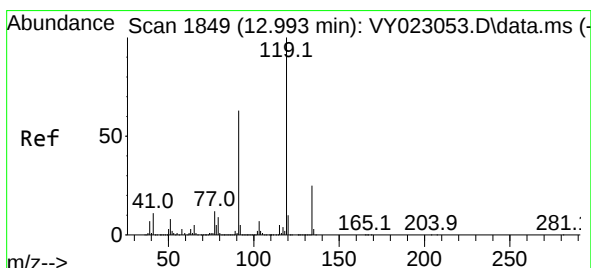
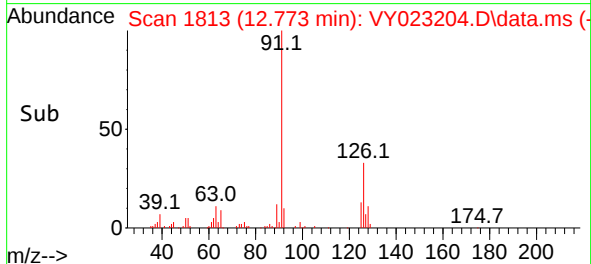
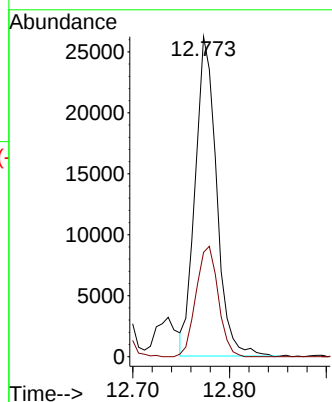
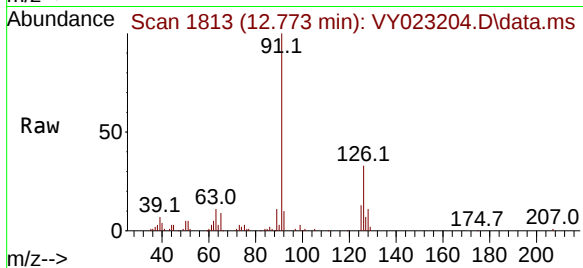




#82
4-Chlorotoluene
Concen: 2.776 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

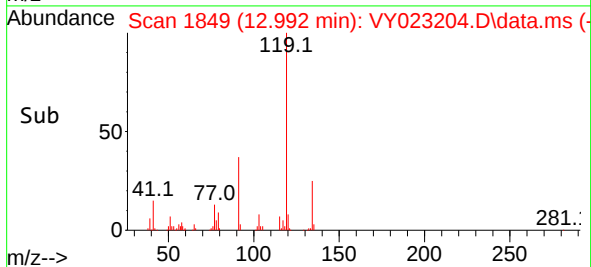
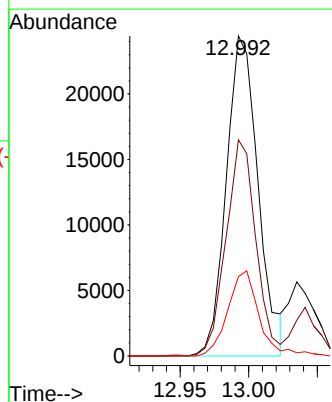
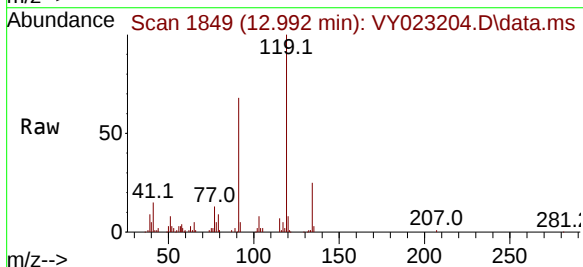
Instrument :
MSVOA_Y
ClientSampleId :

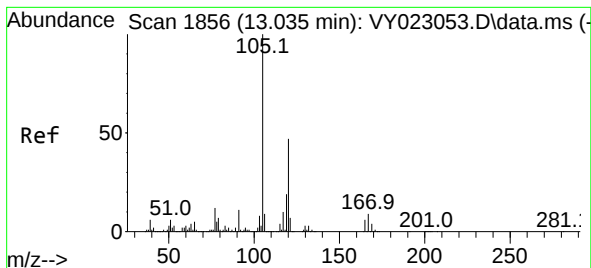
Tgt Ion: 91 Resp: 40289
Ion Ratio Lower Upper
91 100
126 36.0 17.3 52.0



#83
tert-Butylbenzene
Concen: 2.634 ug/l
RT: 12.992 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023204.D
Acq: 25 Aug 2025 11:11

Tgt Ion: 119 Resp: 39430
Ion Ratio Lower Upper
119 100
91 63.7 31.6 94.8
134 26.2 12.9 38.7





#84

1,2,4-Trimethylbenzene

Concen: 2.406 ug/l

RT: 13.041 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

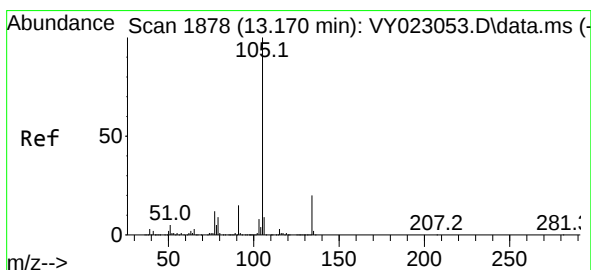
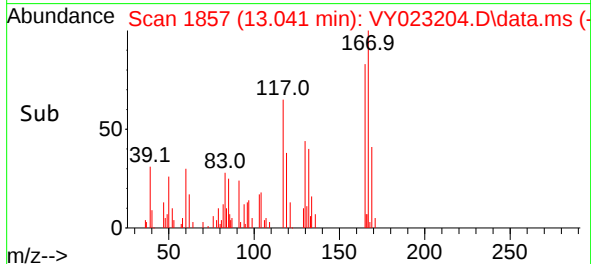
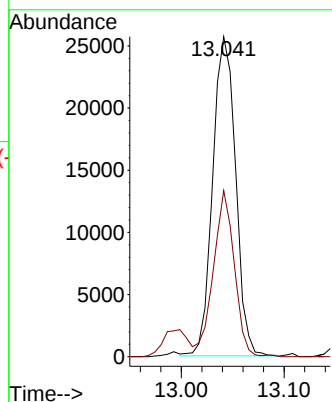
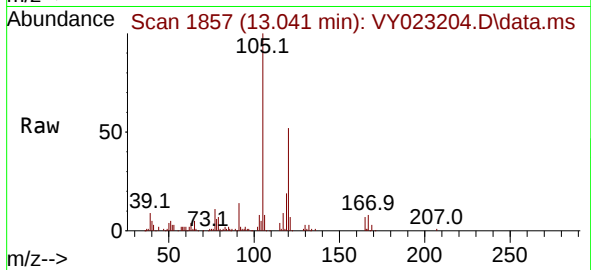
ClientSampleId :

Tgt Ion:105 Resp: 39689

Ion Ratio Lower Upper

105 100

120 47.7 23.0 69.0



#85

sec-Butylbenzene

Concen: 2.721 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023204.D

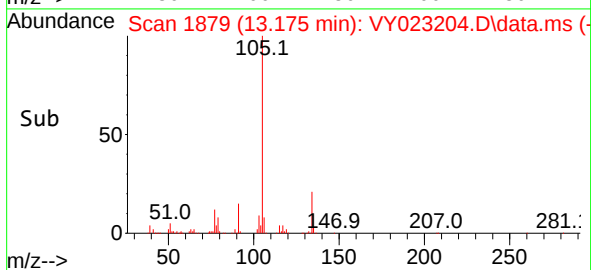
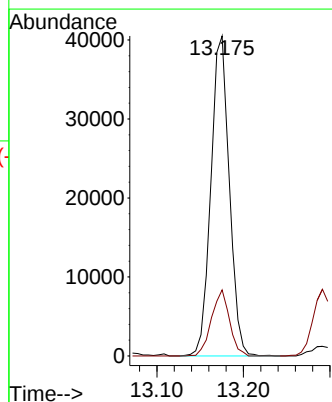
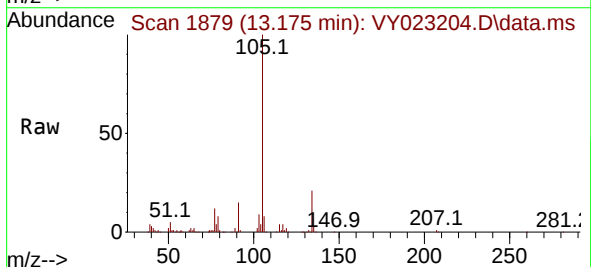
Acq: 25 Aug 2025 11:11

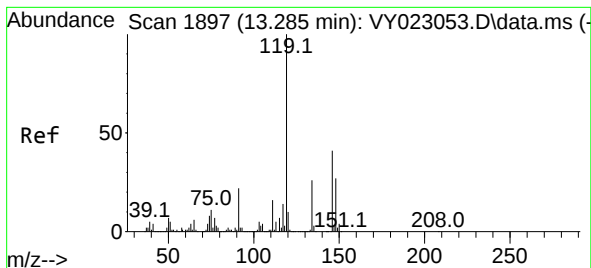
Tgt Ion:105 Resp: 59840

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4





#86

p-Isopropyltoluene

Concen: 2.626 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

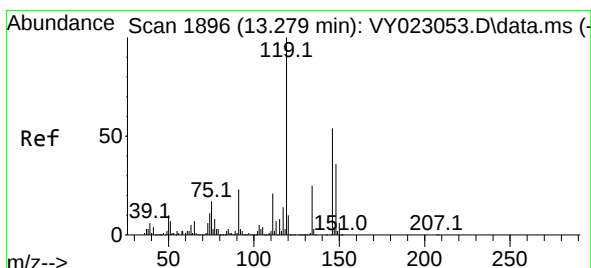
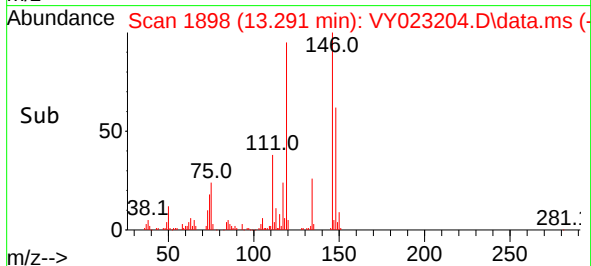
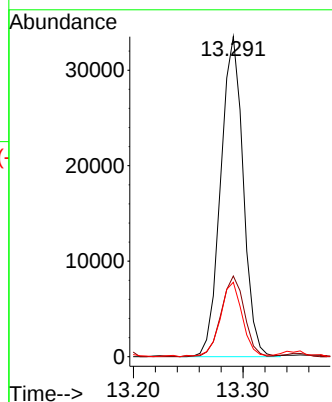
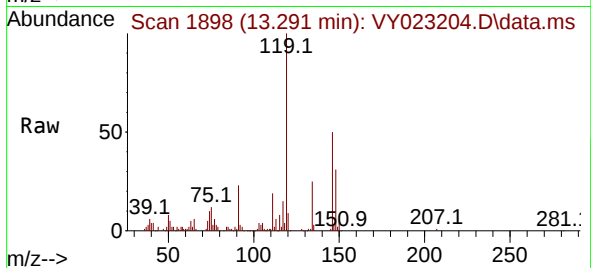
Tgt Ion:119 Resp: 47936

Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.6

91 22.9 11.3 33.8



#87

1,3-Dichlorobenzene

Concen: 2.994 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

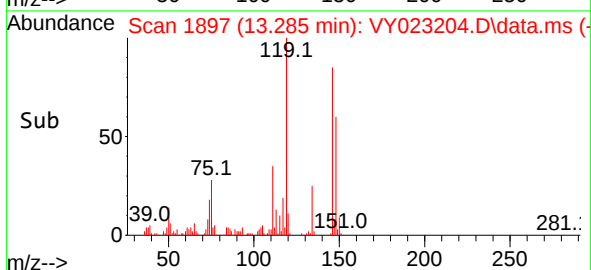
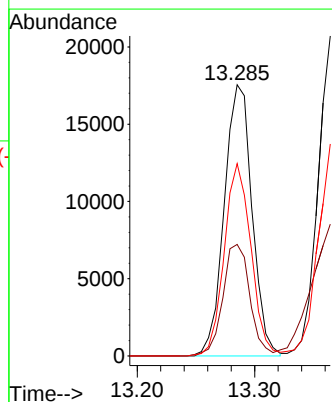
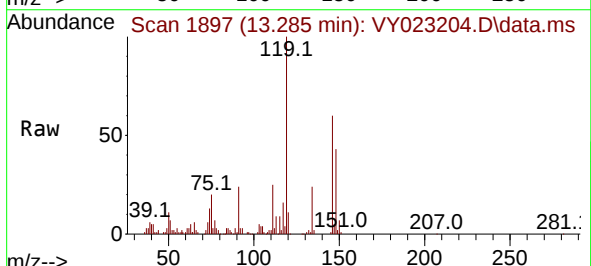
Tgt Ion:146 Resp: 28885

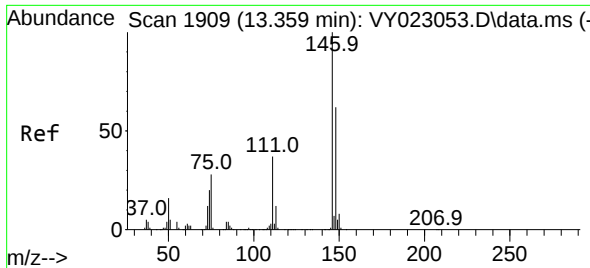
Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

148 68.1 32.5 97.5

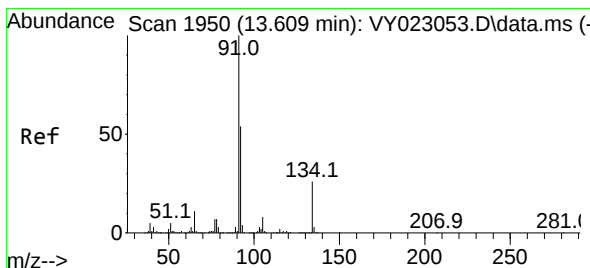
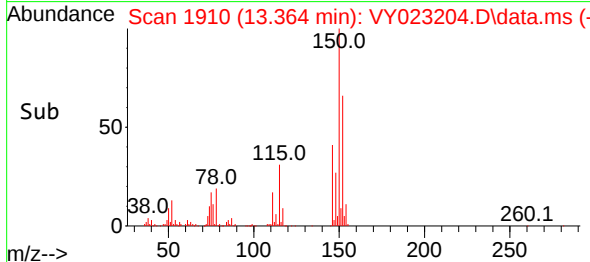
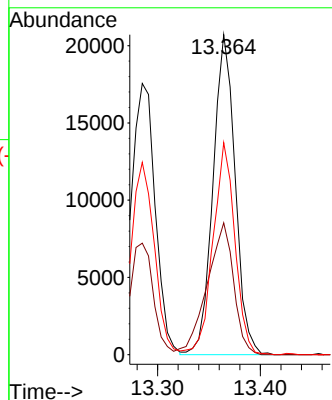
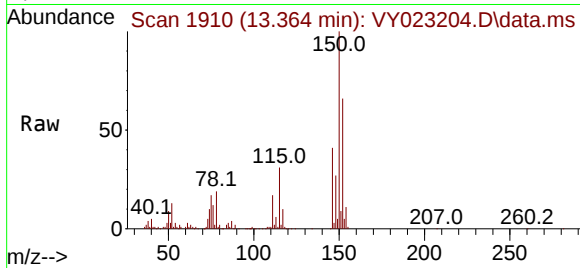




#88
 1,4-Dichlorobenzene
 Concen: 3.235 ug/l
 RT: 13.364 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

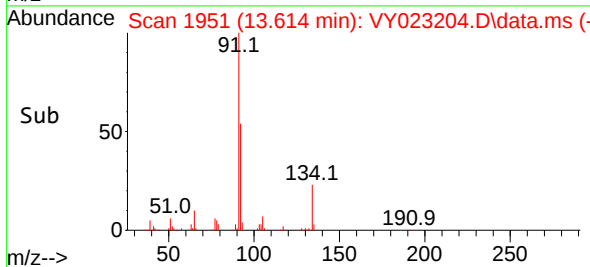
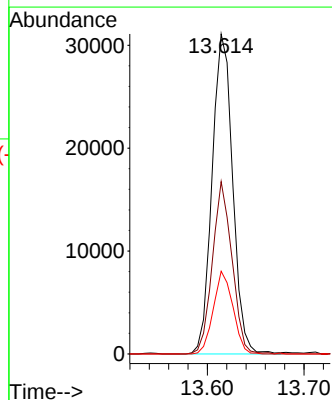
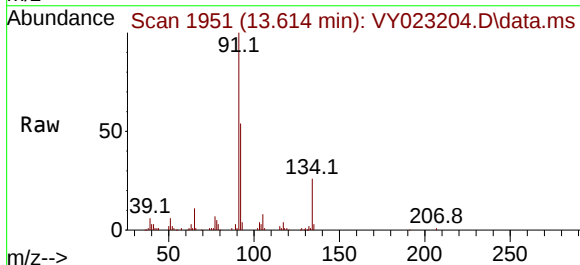
Instrument :
 MSVOA_Y
 ClientSampleId :

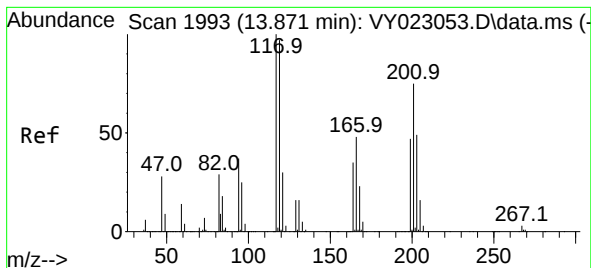
Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.5	19.1	57.1
148	65.7	31.6	94.7



#89
 n-Butylbenzene
 Concen: 2.741 ug/l
 RT: 13.614 min Scan# 1951
 Delta R.T. 0.006 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.9	80.7
134	24.6	13.2	39.5





#90

Hexachloroethane

Concen: 3.343 ug/l

RT: 13.876 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

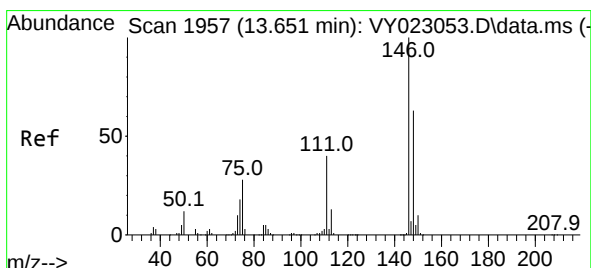
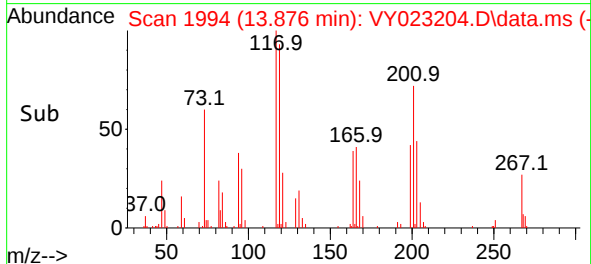
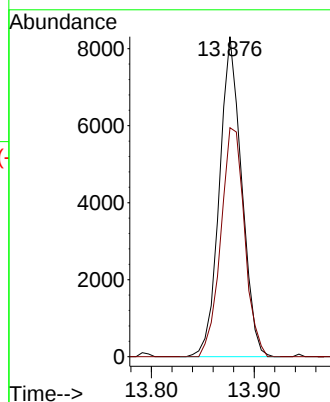
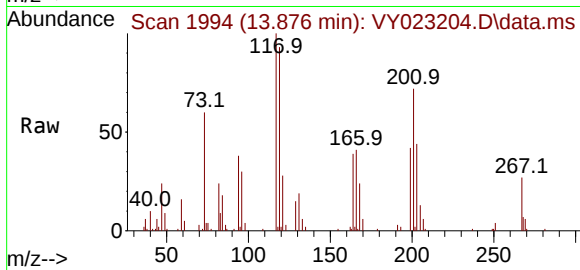
ClientSampleId :

Tgt Ion:117 Resp: 12491

Ion Ratio Lower Upper

117 100

201 76.3 38.4 115.1



#91

1,2-Dichlorobenzene

Concen: 2.891 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

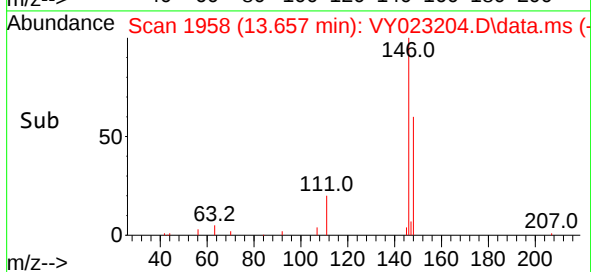
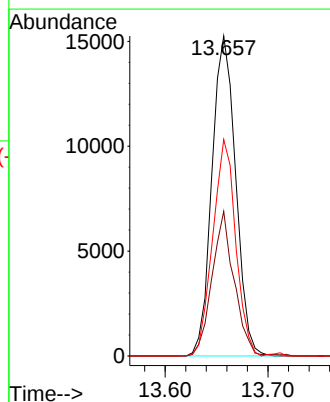
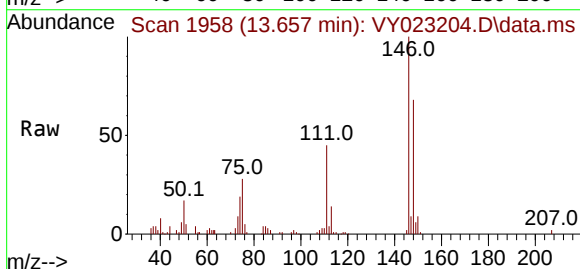
Tgt Ion:146 Resp: 24463

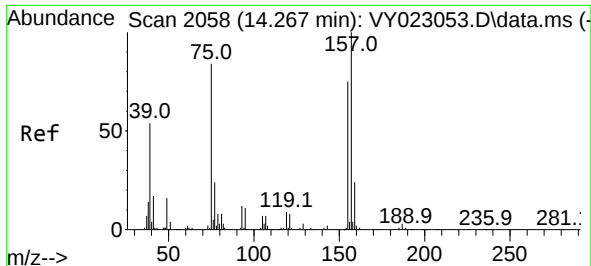
Ion Ratio Lower Upper

146 100

111 42.3 20.3 60.8

148 65.3 32.2 96.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.371 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

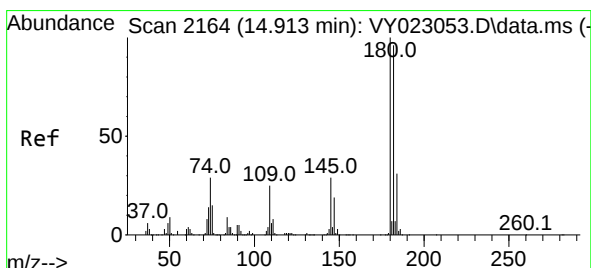
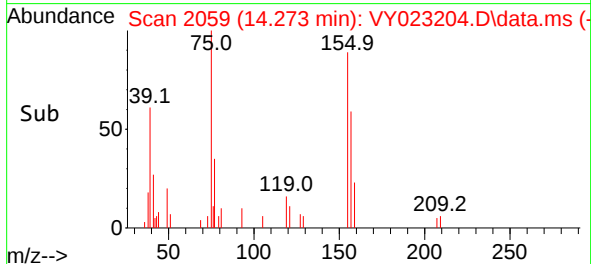
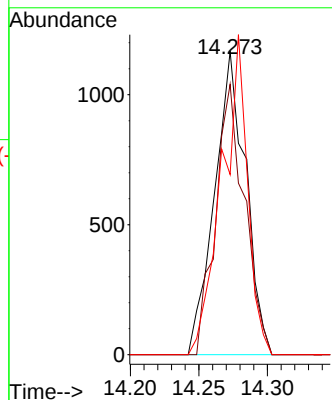
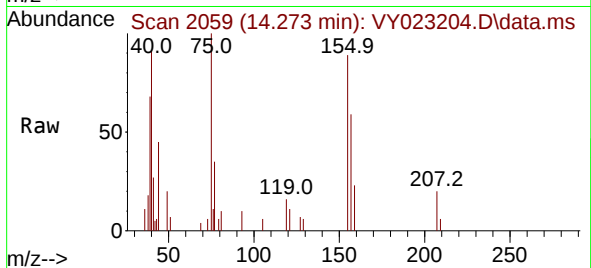
Tgt Ion: 75 Resp: 1838

Ion Ratio Lower Upper

75 100

155 82.8 43.9 131.6

157 87.8 57.2 171.6



#93

1,2,4-Trichlorobenzene

Concen: 3.021 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

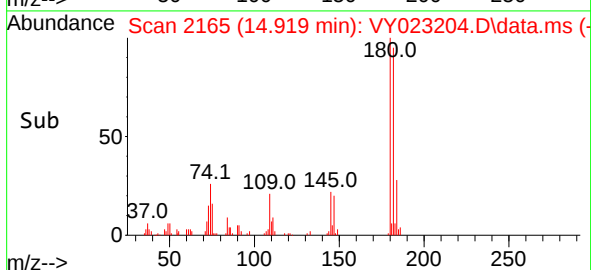
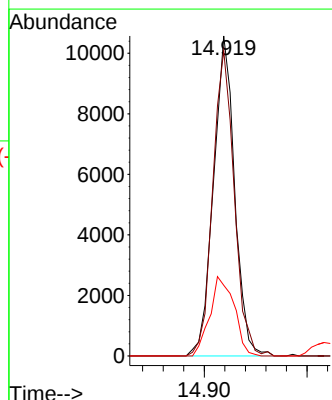
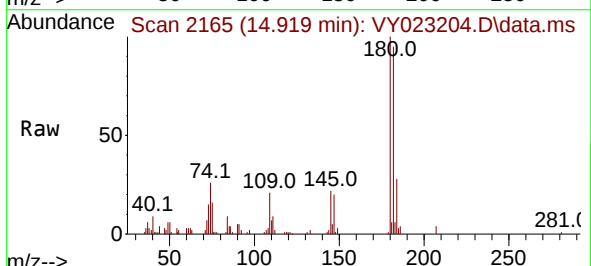
Tgt Ion: 180 Resp: 15115

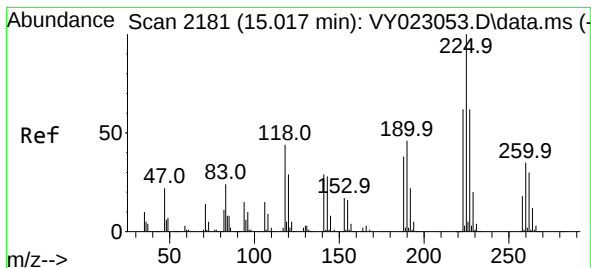
Ion Ratio Lower Upper

180 100

182 96.4 46.8 140.4

145 28.5 14.4 43.4





#94

Hexachlorobutadiene

Concen: 3.599 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY023204.D

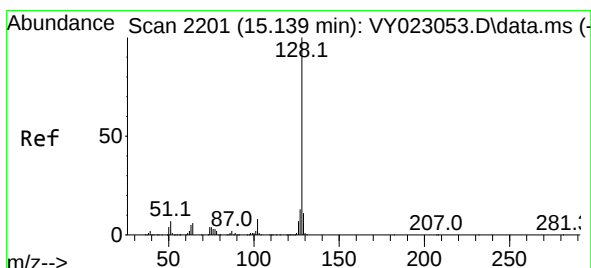
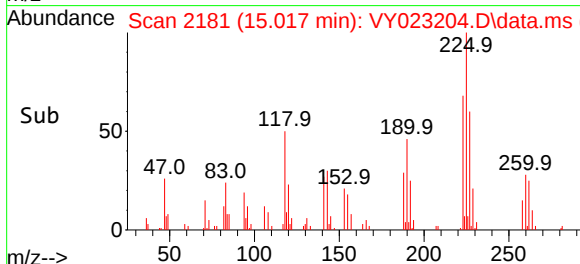
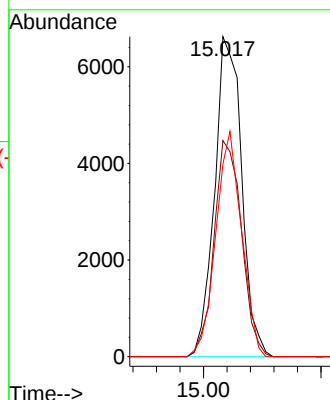
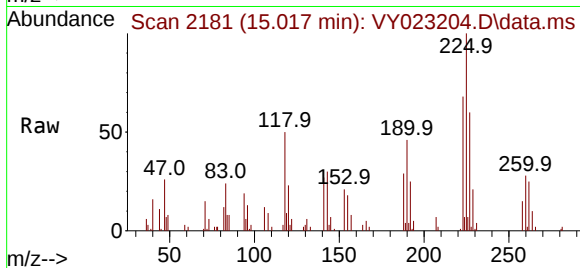
Acq: 25 Aug 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:225	Resp:	10583
Ion Ratio	Lower	Upper
225	100	
223	68.6	31.3 93.8
227	67.2	31.5 94.5



#95

Naphthalene

Concen: 2.497 ug/l

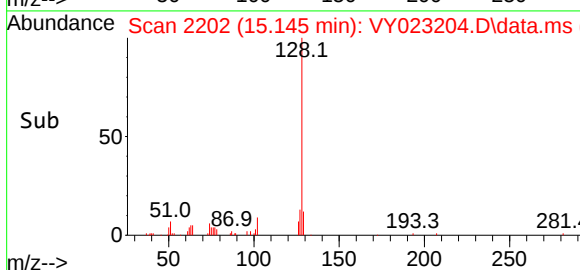
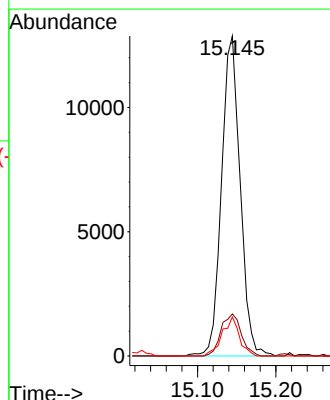
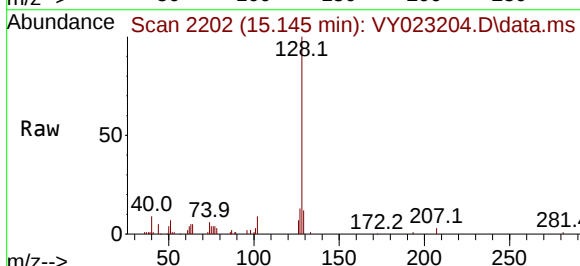
RT: 15.145 min Scan# 2202

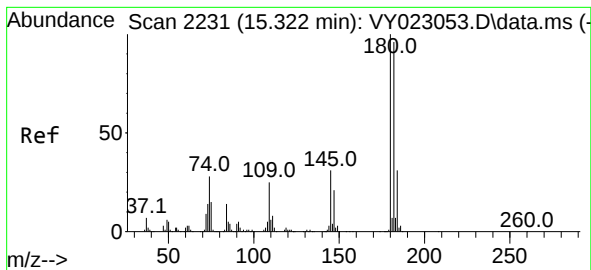
Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

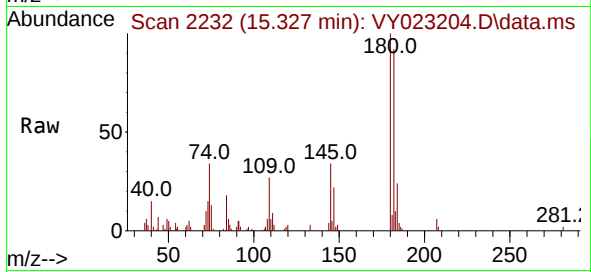
Tgt Ion:128	Resp:	21303
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.4 15.6
129	11.2	9.0 13.4





#96
 1,2,3-Trichlorobenzene
 Concen: 3.114 ug/l
 RT: 15.327 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023204.D
 Acq: 25 Aug 2025 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	13426
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.9	143.7
145	31.2	15.9	47.7

