

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
 Data File : VY023393.D
 Acq On : 08 Oct 2025 08:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 09 03:05:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	583858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	869513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	759550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	398157	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	238818	48.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.820%
35) Dibromofluoromethane	7.634	113	261995	49.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.103	98	963220	48.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.402	95	320131	48.734	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	183727	43.718	ug/l	97
3) Chloromethane	2.068	50	271363	47.400	ug/l	100
4) Vinyl Chloride	2.202	62	350617	47.020	ug/l	100
5) Bromomethane	2.599	94	290261	46.385	ug/l	98
6) Chloroethane	2.739	64	246963	48.587	ug/l	100
7) Trichlorofluoromethane	3.056	101	477067	46.078	ug/l	96
8) Diethyl Ether	3.458	74	131500	48.606	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	252042	46.912	ug/l	98
10) Methyl Iodide	4.007	142	315119	52.686	ug/l	99
11) Tert butyl alcohol	4.860	59	80378	221.296	ug/l	99
12) 1,1-Dichloroethene	3.787	96	249794	47.962	ug/l	95
13) Acrolein	3.653	56	118808	231.490	ug/l	98
14) Allyl chloride	4.385	41	312670	49.261	ug/l	99
15) Acrylonitrile	5.055	53	253526	244.870	ug/l	98
16) Acetone	3.867	43	296363	254.975	ug/l	98
17) Carbon Disulfide	4.104	76	714722	47.948	ug/l	100
18) Methyl Acetate	4.385	43	153333	50.289	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	642280	51.311	ug/l	97
20) Methylene Chloride	4.616	84	286862	45.641	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	279608	48.763	ug/l	97
22) Diisopropyl ether	6.019	45	705503	50.250	ug/l	99
23) Vinyl Acetate	5.958	43	1922527	252.980	ug/l	98
24) 1,1-Dichloroethane	5.915	63	453280	48.739	ug/l	97
25) 2-Butanone	6.890	43	340521	239.970	ug/l	99
26) 2,2-Dichloropropane	6.890	77	420988	49.332	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	334733	50.537	ug/l	98
28) Bromochloromethane	7.244	49	156523	45.083	ug/l	99
29) Tetrahydrofuran	7.262	42	194671	241.924	ug/l	99
30) Chloroform	7.421	83	499930	48.926	ug/l	100
31) Cyclohexane	7.701	56	371557	45.748	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	452096	48.687	ug/l	100
36) 1,1-Dichloropropene	7.835	75	342704	48.451	ug/l	99
37) Ethyl Acetate	6.982	43	134630	48.044	ug/l	98
38) Carbon Tetrachloride	7.817	117	412062	48.044	ug/l	98
39) Methylcyclohexane	9.110	83	450172	48.881	ug/l	98
40) Benzene	8.079	78	1094534	48.862	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	70730	46.669	ug/l	97
42) 1,2-Dichloroethane	8.158	62	276992	47.947	ug/l	99
43) Isopropyl Acetate	8.195	43	271512	48.591	ug/l	100
44) Trichloroethene	8.866	130	311302	47.481	ug/l	98
45) 1,2-Dichloropropane	9.140	63	244296	49.376	ug/l	99
46) Dibromomethane	9.231	93	152597	48.775	ug/l	99
47) Bromodichloromethane	9.420	83	385585	48.935	ug/l	99
48) Methyl methacrylate	9.219	41	127683	48.640	ug/l	96
49) 1,4-Dioxane	9.225	88	35564	980.438	ug/l	100
51) 4-Methyl-2-Pentanone	10.000	43	726488	251.644	ug/l	99
52) Toluene	10.170	92	721922	49.636	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	343854	50.188	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	408406	50.507	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	207255	49.263	ug/l	95
56) Ethyl methacrylate	10.439	69	252925	52.117	ug/l	99
57) 1,3-Dichloropropane	10.719	76	329960	49.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	579993	266.784	ug/l	100
59) 2-Hexanone	10.762	43	520555	252.310	ug/l	99
60) Dibromochloromethane	10.908	129	292099	49.521	ug/l	100
61) 1,2-Dibromoethane	11.012	107	200200	49.896	ug/l	99
64) Tetrachloroethene	10.646	164	354576	45.211	ug/l	98
65) Chlorobenzene	11.438	112	821716	49.741	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	291198	49.465	ug/l	99
67) Ethyl Benzene	11.518	91	1341582	50.170	ug/l	99
68) m/p-Xylenes	11.627	106	1086484	101.299	ug/l	99
69) o-Xylene	11.950	106	512638	50.957	ug/l	99
70) Styrene	11.969	104	855247	51.696	ug/l	100
71) Bromoform	12.133	173	180677	49.479	ug/l #	99
73) Isopropylbenzene	12.255	105	1313693	50.066	ug/l	100
74) N-amyl acetate	12.066	43	237557	50.405	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	217564	50.696	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	285890	81.385	ug/l #	100
77) Bromobenzene	12.530	156	342573	49.110	ug/l	100
78) n-propylbenzene	12.591	91	1538035	50.653	ug/l	100
79) 2-Chlorotoluene	12.676	91	880787	49.535	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	1087892	51.308	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	70340	49.102	ug/l	99
82) 4-Chlorotoluene	12.774	91	906427	49.498	ug/l	99
83) tert-Butylbenzene	12.993	119	1014465	51.819	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1080389	51.057	ug/l	100
85) sec-Butylbenzene	13.176	105	1405332	50.042	ug/l	100
86) p-Isopropyltoluene	13.292	119	1222639	51.134	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	662694	48.785	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	655316	48.846	ug/l	99
89) n-Butylbenzene	13.615	91	1063907	51.066	ug/l	99
90) Hexachloroethane	13.877	117	252025	49.006	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	586550	49.252	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	33953	48.217	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	373487	50.305	ug/l	99
94) Hexachlorobutadiene	15.023	225	226854	49.016	ug/l	100
95) Naphthalene	15.139	128	599122	50.675	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	319976	49.756	ug/l	100

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

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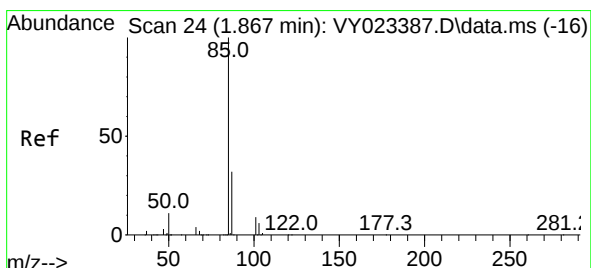
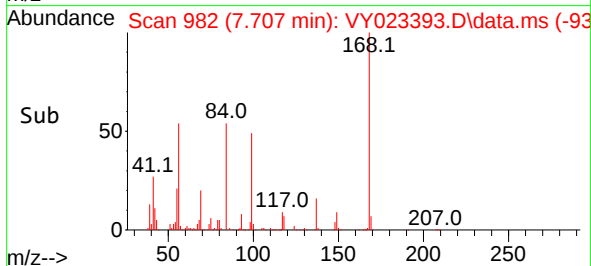
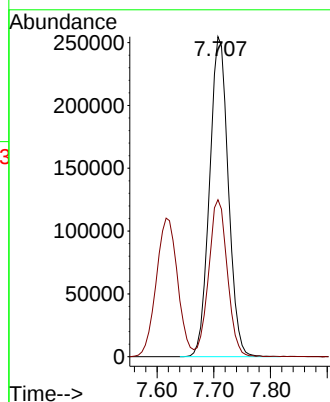
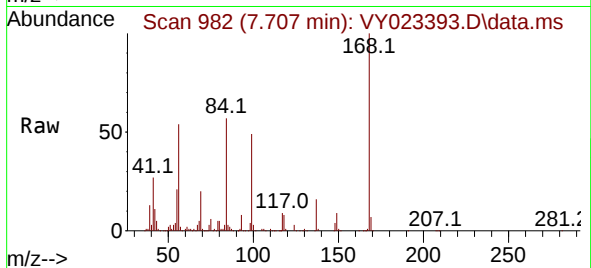




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

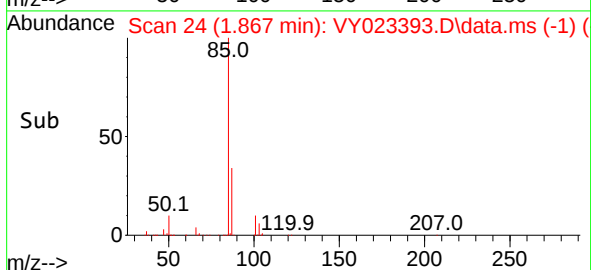
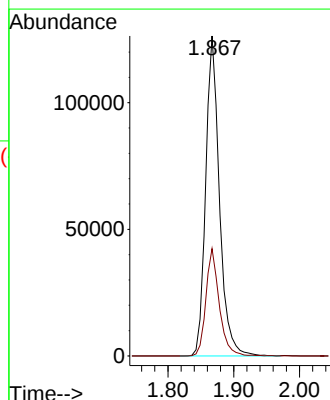
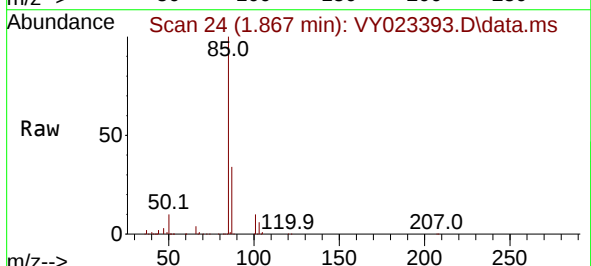
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 583858
Ion Ratio Lower Upper
168 100
99 49.0 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 43.718 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 85 Resp: 183727
Ion Ratio Lower Upper
85 100
87 33.6 16.0 47.9

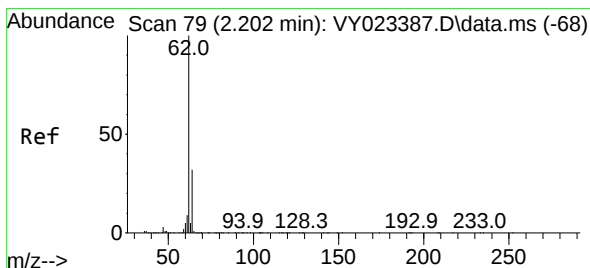
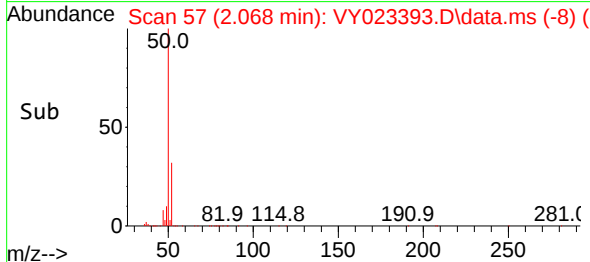
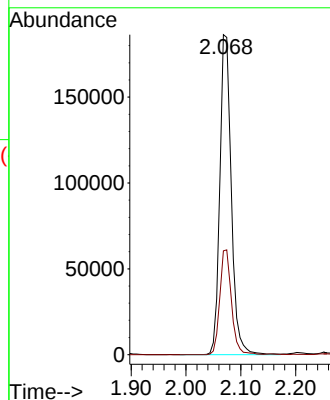
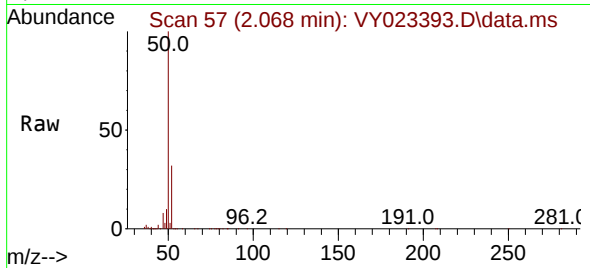




#3
Chloromethane
Concen: 47.400 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

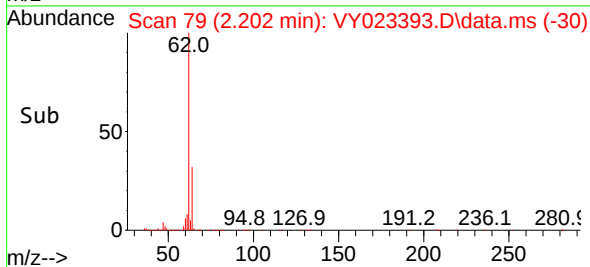
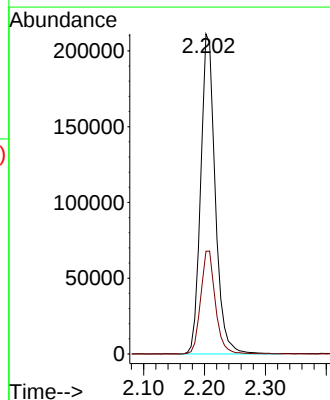
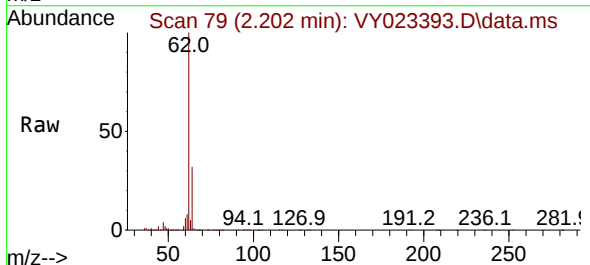
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ClientSampleId :

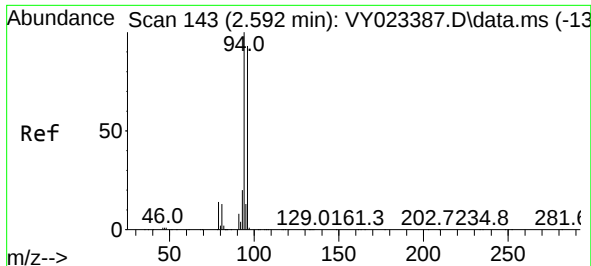
Tgt Ion: 50 Resp: 271363
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.2



#4
Vinyl Chloride
Concen: 47.020 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 62 Resp: 350617
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8

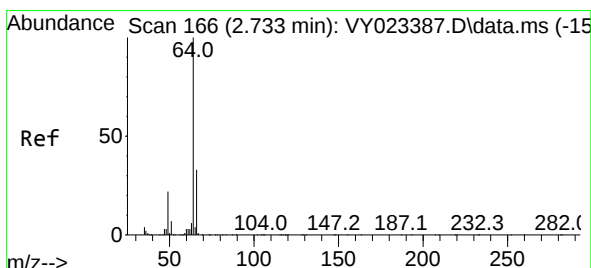
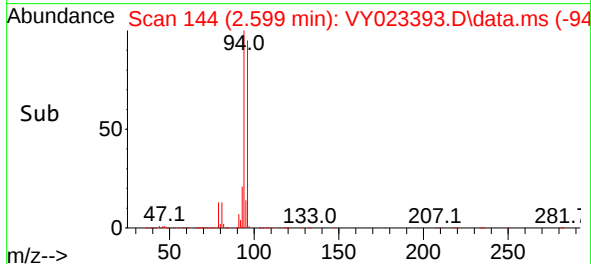
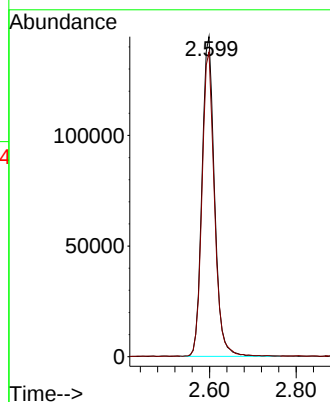
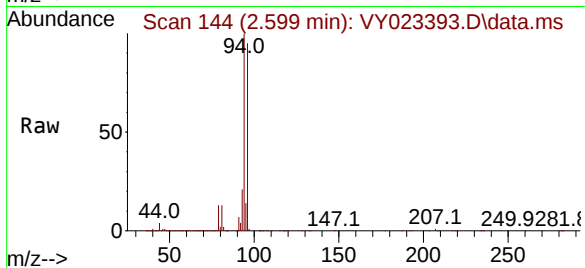




#5
Bromomethane
Concen: 46.385 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

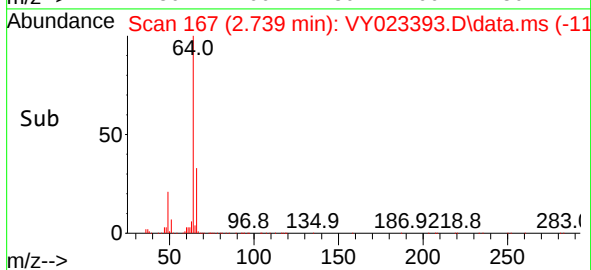
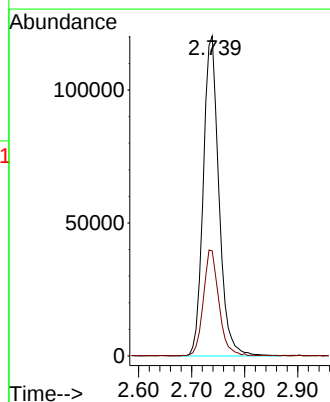
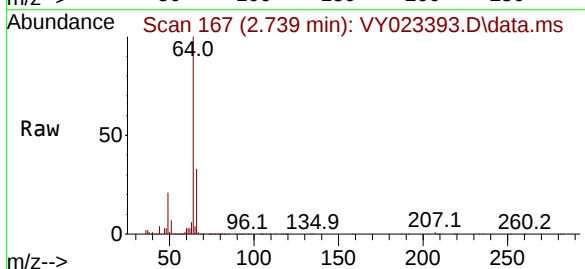
Instrument :
MSVOA_Y
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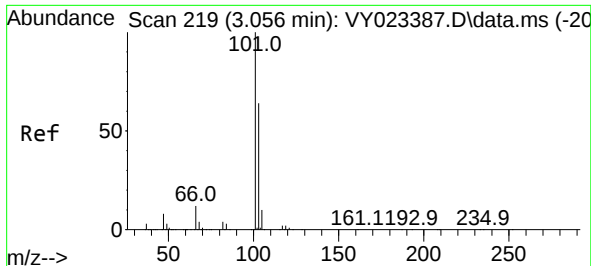
Tgt Ion: 94 Resp: 290261
Ion Ratio Lower Upper
94 100
96 95.1 74.5 111.7



#6
Chloroethane
Concen: 48.587 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023393.D
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Tgt Ion: 64 Resp: 246963
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

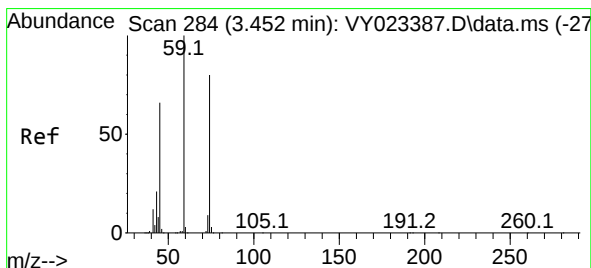
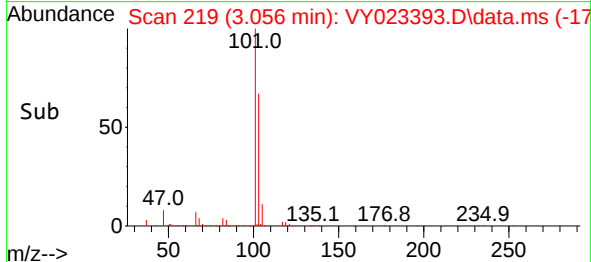
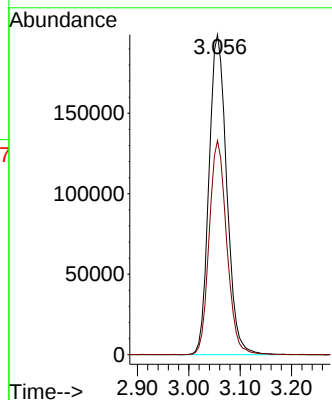
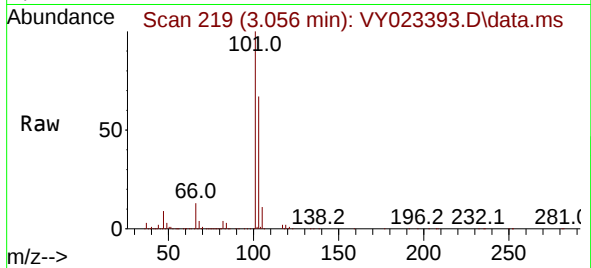




#7
 Trichlorofluoromethane
 Concen: 46.078 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY023393.D
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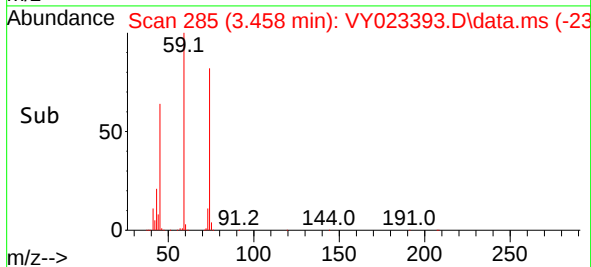
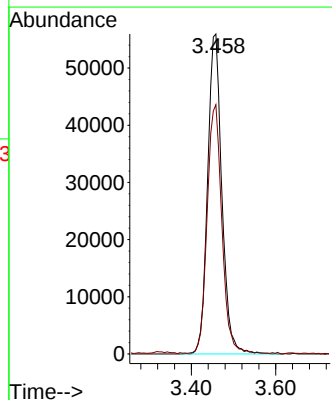
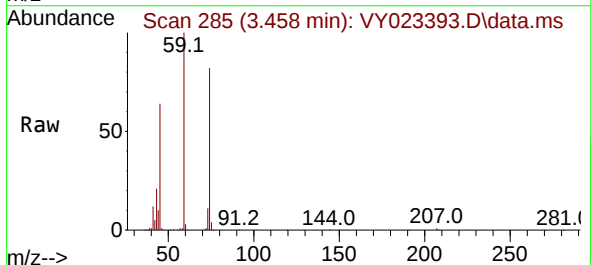
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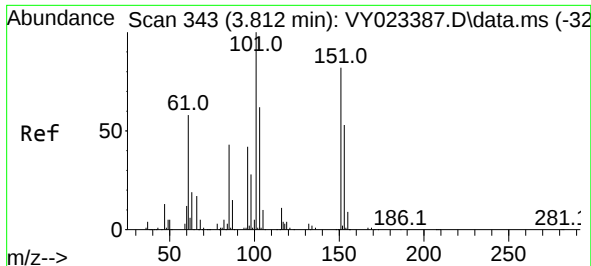
Tgt Ion:101 Resp: 477067
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.3 76.9



#8
 Diethyl Ether
 Concen: 48.606 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023393.D
 Acq: 08 Oct 2025 08:56

Tgt Ion: 74 Resp: 131500
 Ion Ratio Lower Upper
 74 100
 45 80.1 39.9 119.7

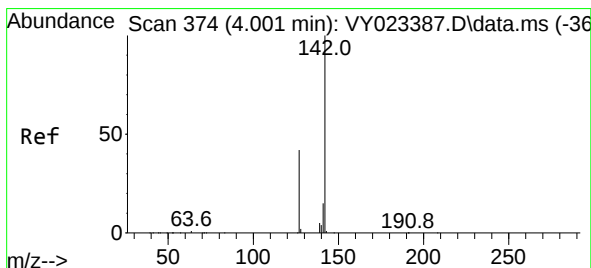
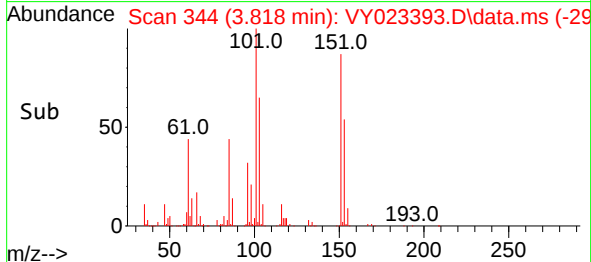
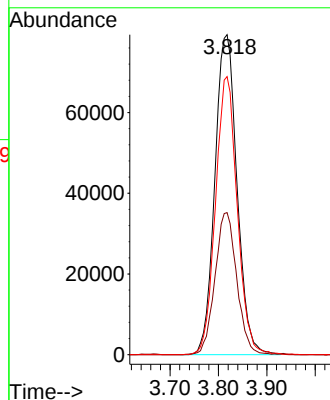
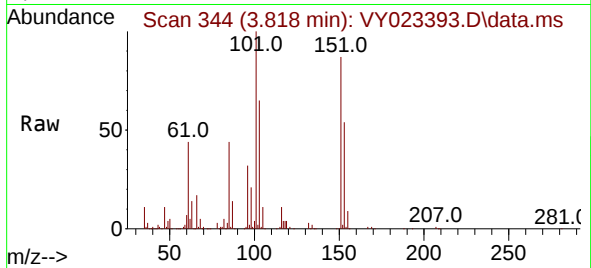




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.912 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
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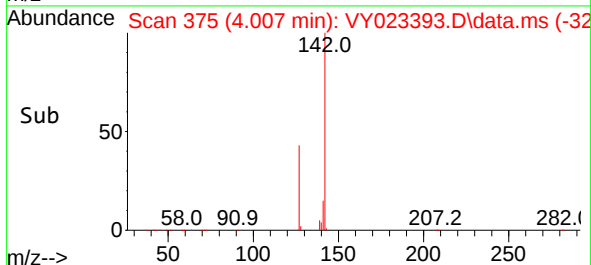
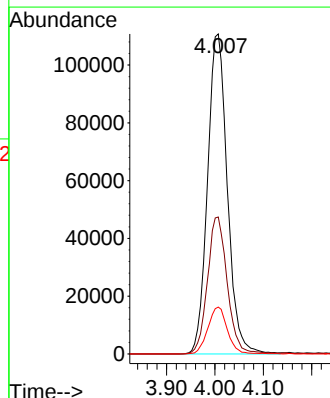
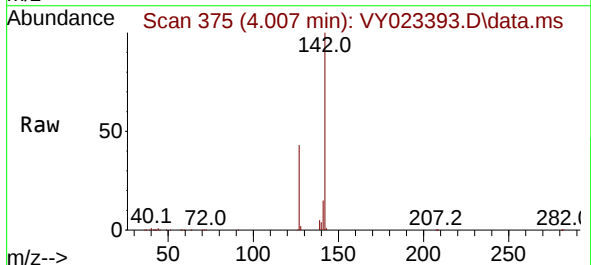
Instrument :
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ClientSampleId :

Tgt Ion:101 Resp: 252042
Ion Ratio Lower Upper
101 100
85 43.8 34.6 51.8
151 85.5 67.0 100.6



#10
Methyl Iodide
Concen: 52.686 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion:142 Resp: 315119
Ion Ratio Lower Upper
142 100
127 42.9 34.8 52.2
141 14.5 11.6 17.4

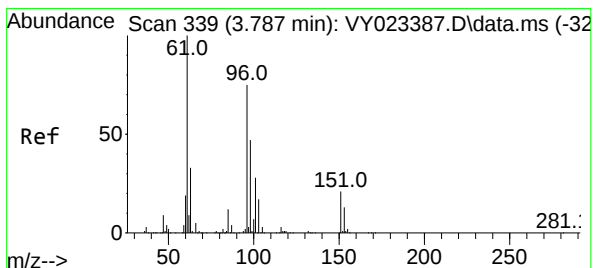
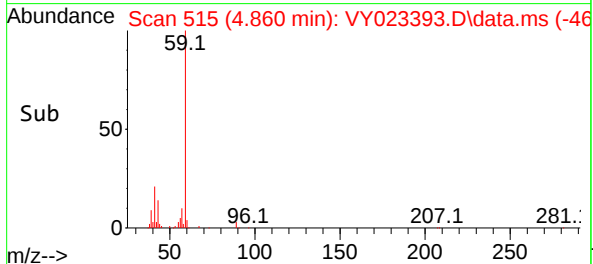
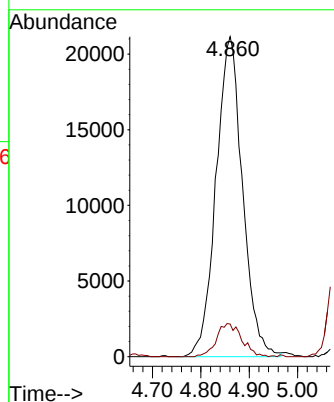
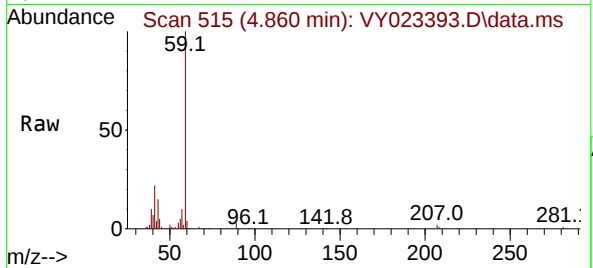




#11
Tert butyl alcohol
Concen: 221.296 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

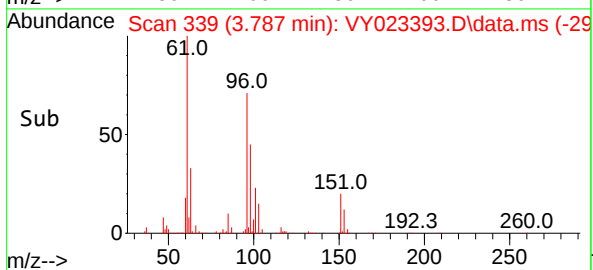
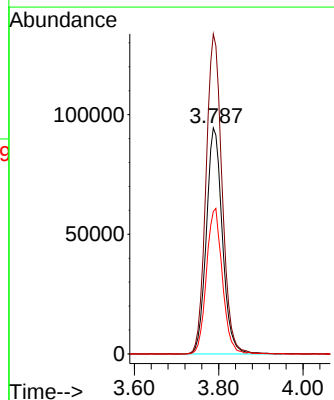
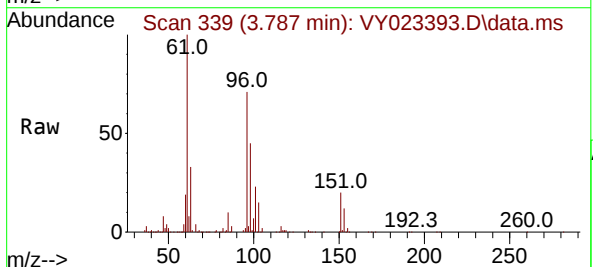
Instrument :
MSVOA_Y
ClientSampleId :

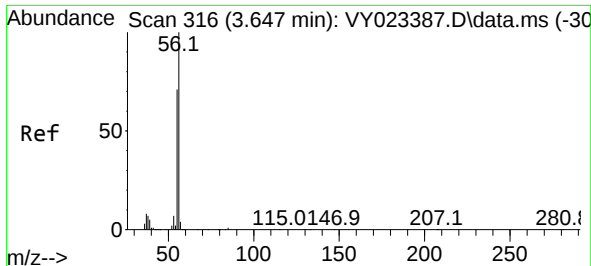
Tgt Ion: 59 Resp: 80378
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.962 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 96 Resp: 249794
Ion Ratio Lower Upper
96 100
61 141.5 106.7 160.1
98 63.0 50.2 75.4

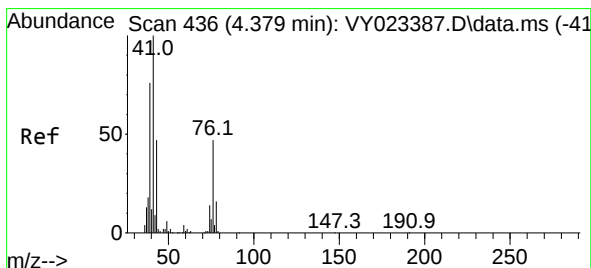
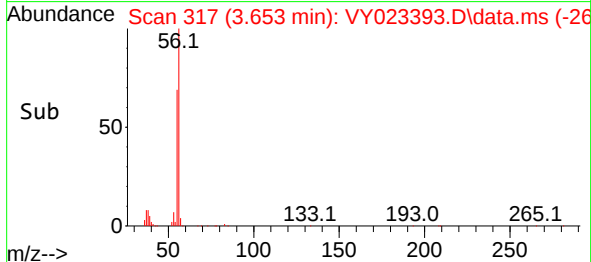
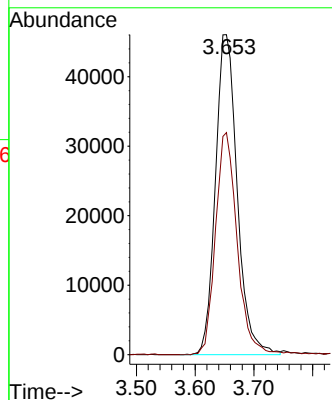
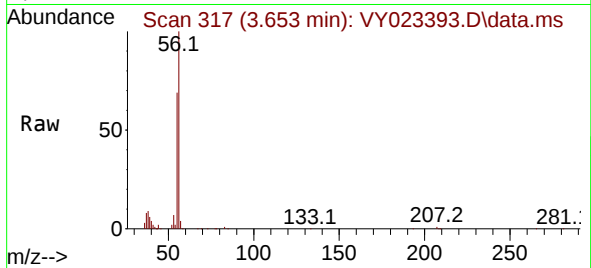




#13
Acrolein
Concen: 231.490 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

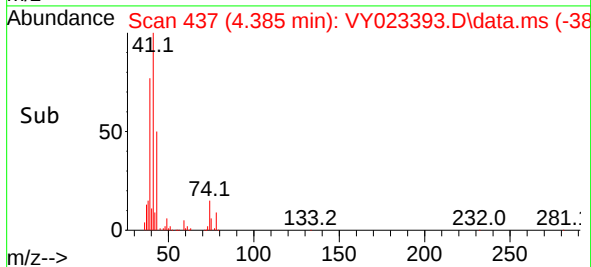
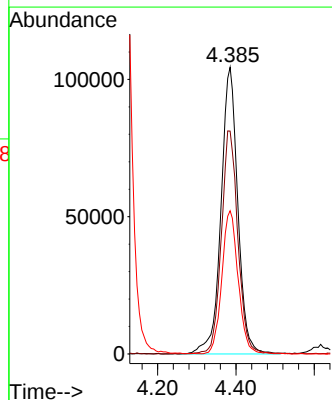
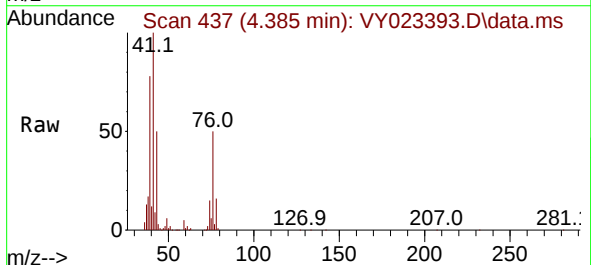
Instrument :
MSVOA_Y
ClientSampleId :

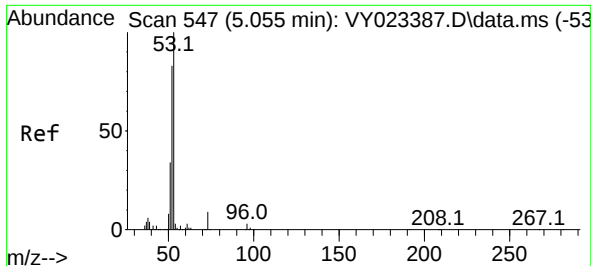
Tgt Ion: 56 Resp: 118808
Ion Ratio Lower Upper
56 100
55 68.8 56.1 84.1



#14
Allyl chloride
Concen: 49.261 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 41 Resp: 312670
Ion Ratio Lower Upper
41 100
39 76.2 59.9 89.9
76 48.1 38.0 57.0

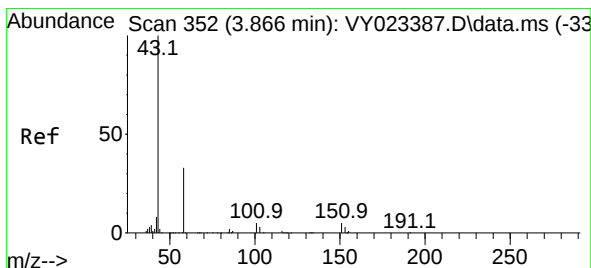
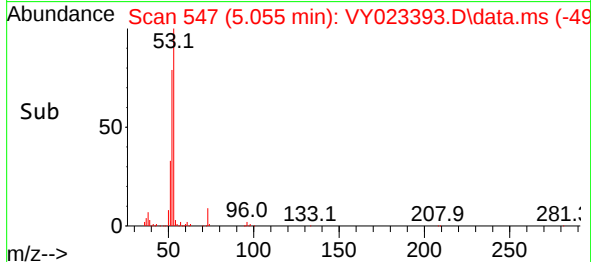
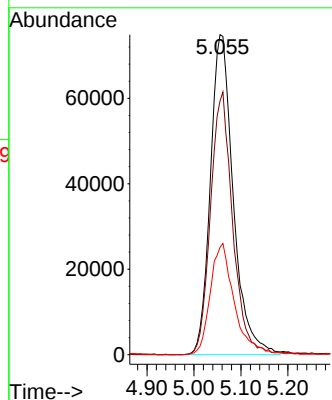
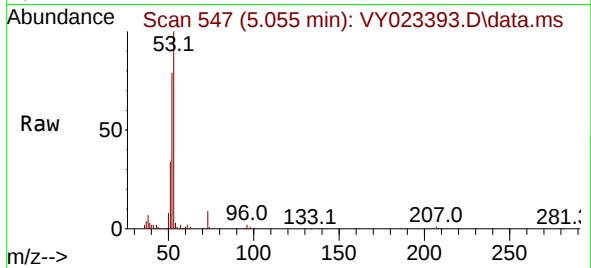




#15
Acrylonitrile
Concen: 244.870 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

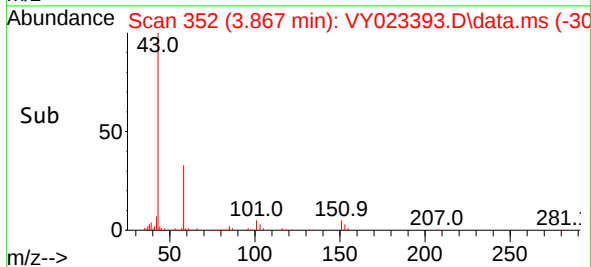
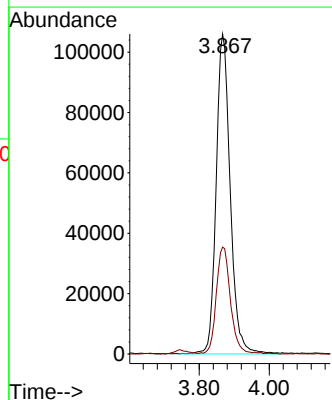
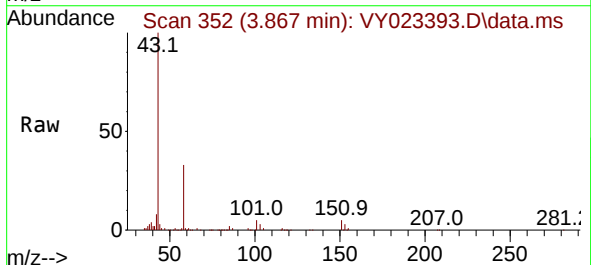
Instrument :
MSVOA_Y
ClientSampleId :

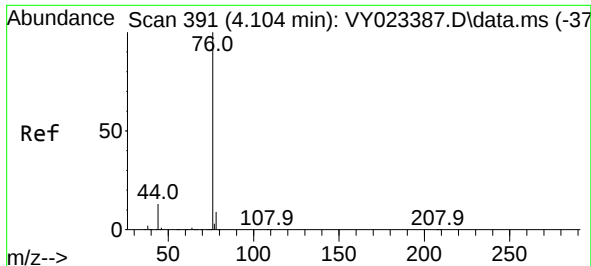
Tgt Ion: 53 Resp: 253526
Ion Ratio Lower Upper
53 100
52 79.1 64.6 97.0
51 36.4 29.5 44.3



#16
Acetone
Concen: 254.975 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 43 Resp: 296363
Ion Ratio Lower Upper
43 100
58 33.4 27.7 41.5

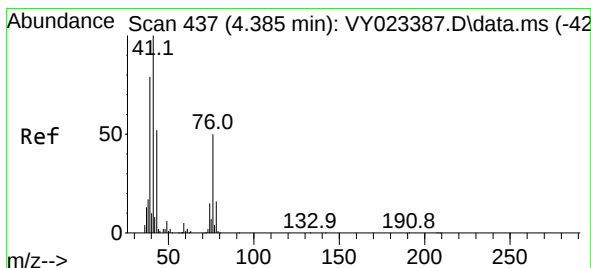
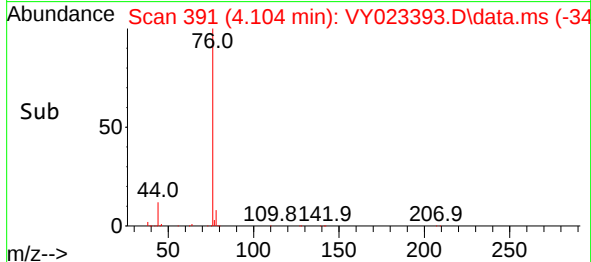
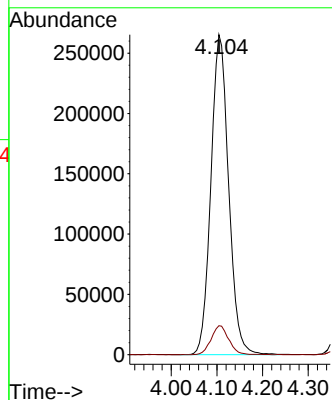
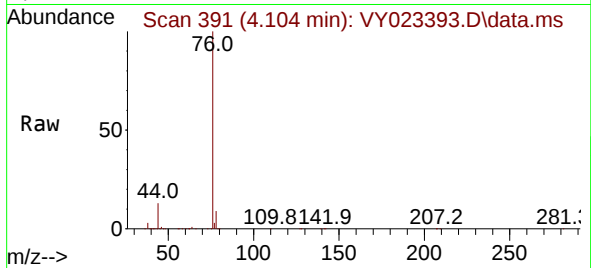




#17
Carbon Disulfide
Concen: 47.948 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

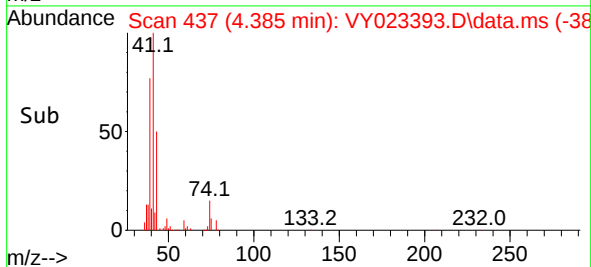
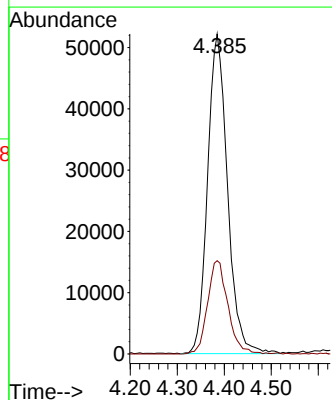
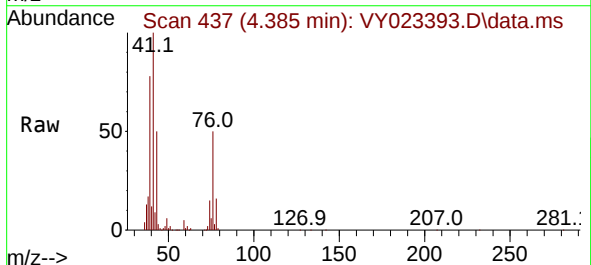
Instrument :
MSVOA_Y
ClientSampleId :

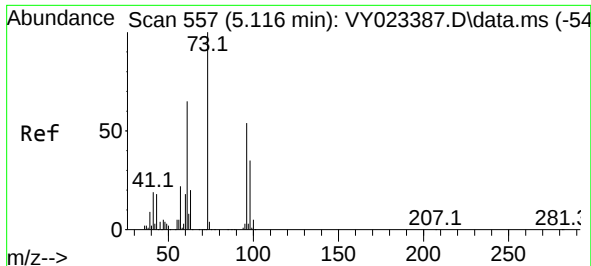
Tgt Ion: 76 Resp: 714722
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 50.289 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 43 Resp: 153333
Ion Ratio Lower Upper
43 100
74 29.8 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 51.311 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

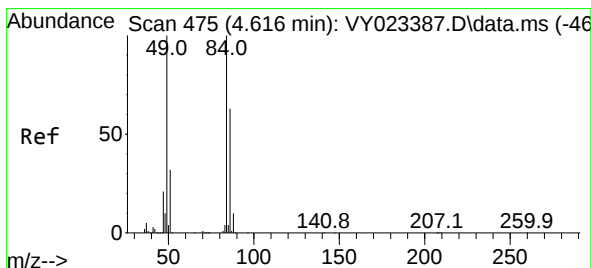
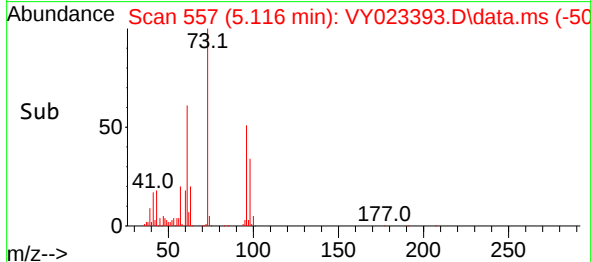
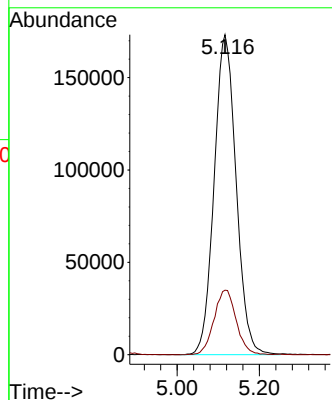
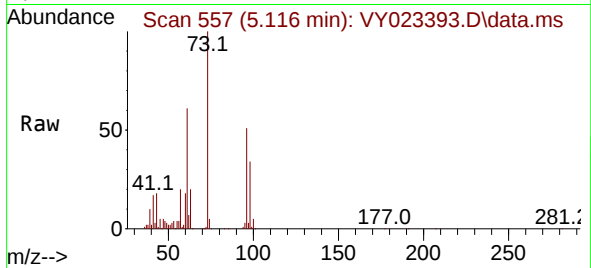
ClientSampleId :

Tgt Ion: 73 Resp: 642280

Ion Ratio Lower Upper

73 100

57 20.2 17.4 26.0



#20

Methylene Chloride

Concen: 45.641 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Tgt Ion: 84 Resp: 286862

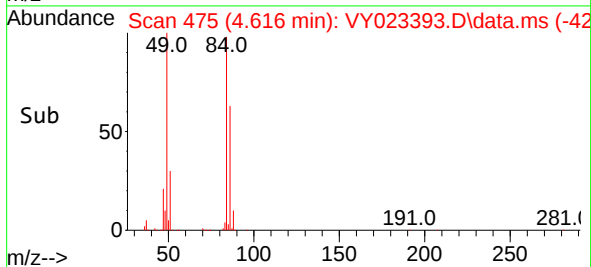
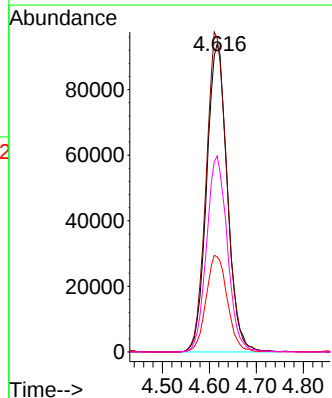
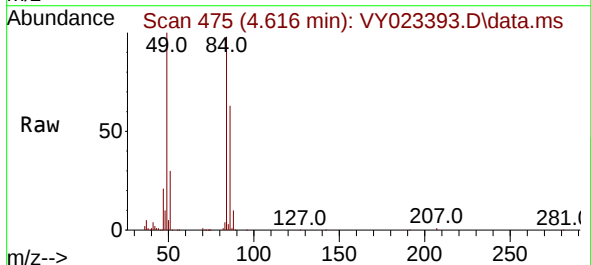
Ion Ratio Lower Upper

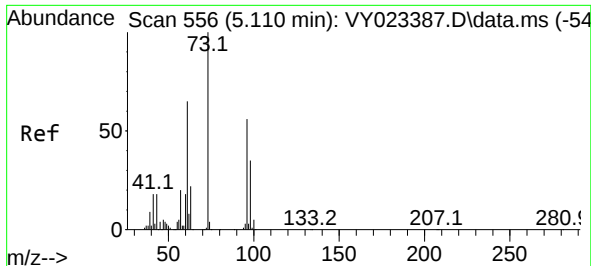
84 100

49 101.9 80.2 120.4

51 30.9 25.9 38.9

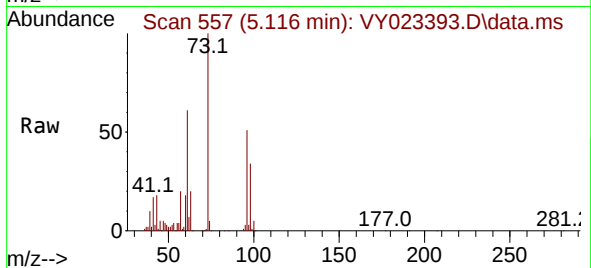
86 63.7 50.6 75.8



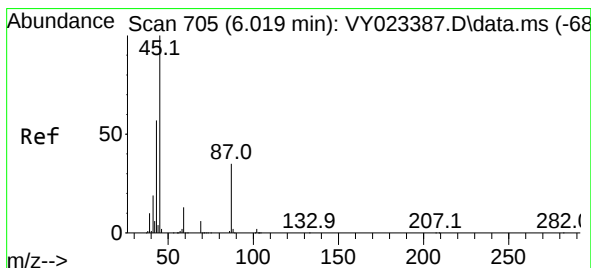
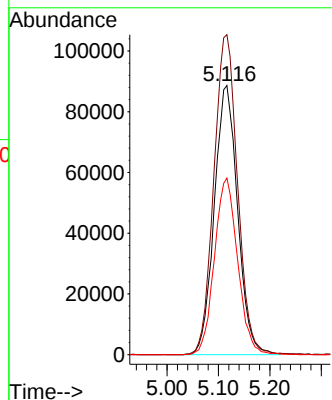
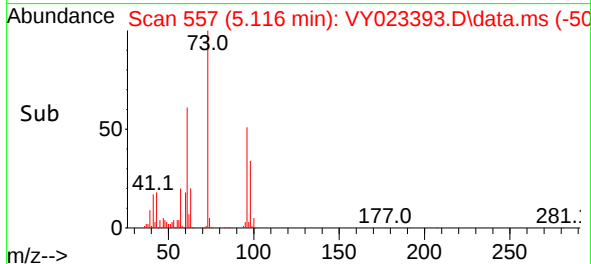


#21
trans-1,2-Dichloroethene
Concen: 48.763 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

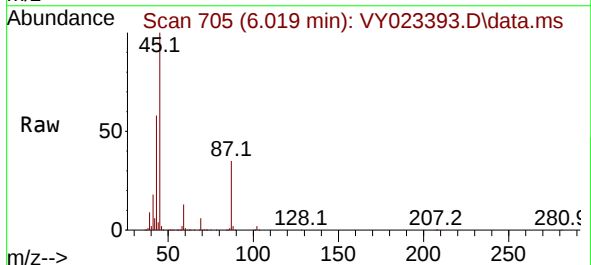
Instrument :
MSVOA_Y
ClientSampleId :



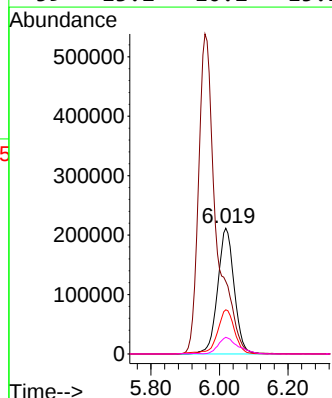
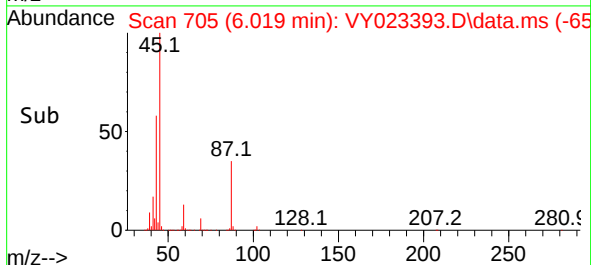
Tgt Ion: 96 Resp: 279608
Ion Ratio Lower Upper
96 100
61 118.9 92.7 139.1
98 65.7 49.7 74.5

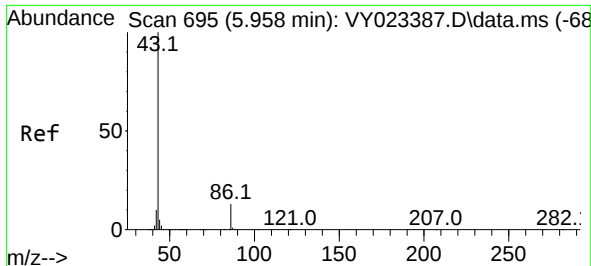


#22
Diisopropyl ether
Concen: 50.250 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56



Tgt Ion: 45 Resp: 705503
Ion Ratio Lower Upper
45 100
43 57.5 45.6 68.4
87 35.1 28.1 42.1
59 13.2 10.2 15.2

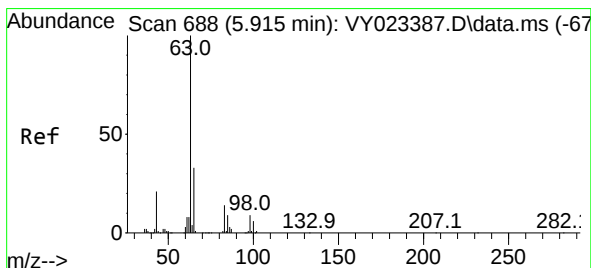
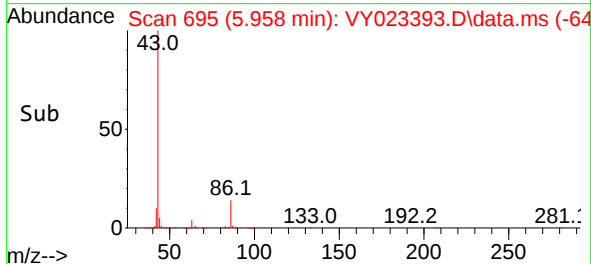
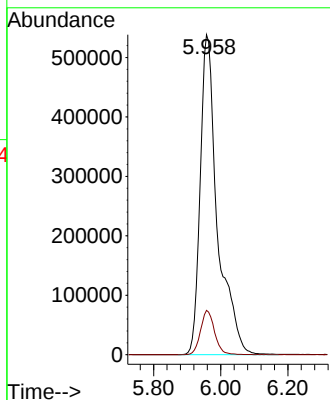
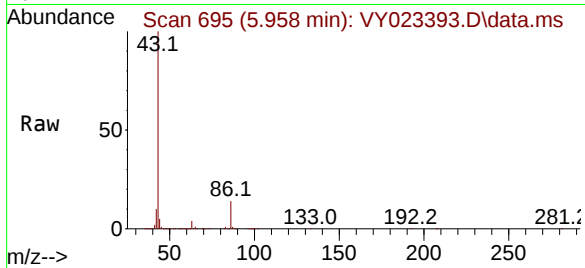




#23
 Vinyl Acetate
 Concen: 252.980 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY023393.D
 Acq: 08 Oct 2025 08:56

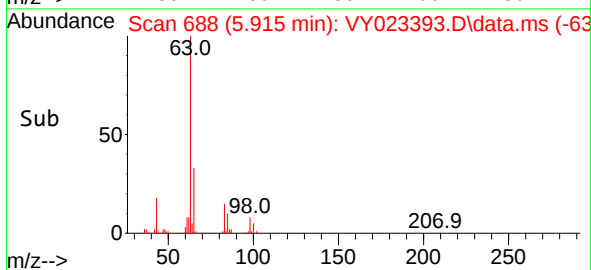
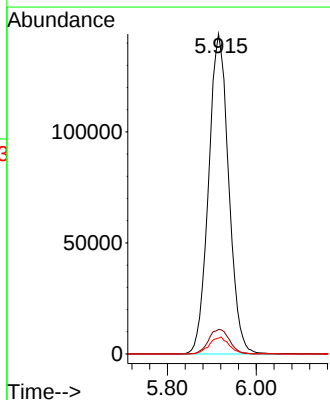
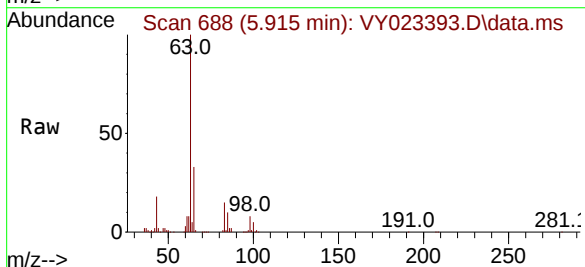
Instrument :
 MSVOA_Y
 ClientSampleId :

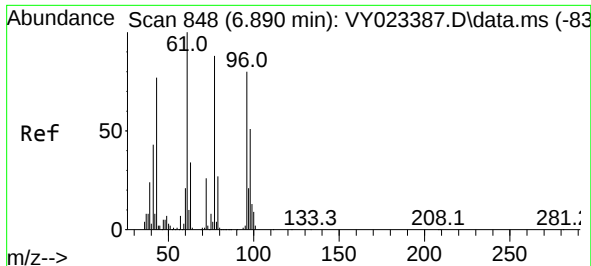
Tgt Ion: 43 Resp: 1922527
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 48.739 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023393.D
 Acq: 08 Oct 2025 08:56

Tgt Ion: 63 Resp: 453280
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.3 13.1
 100 5.0 2.8 8.4

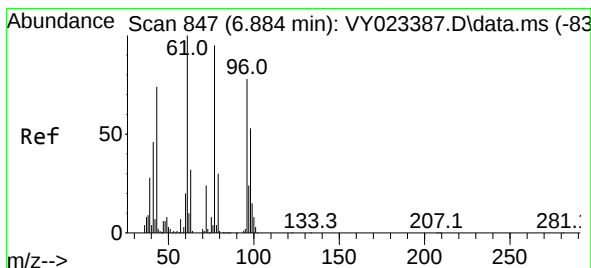
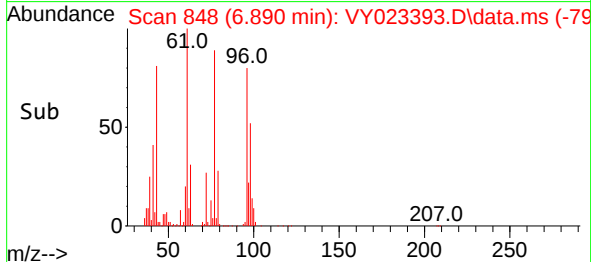
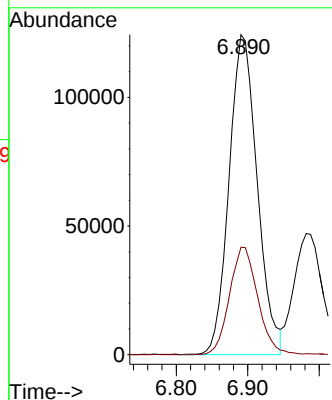
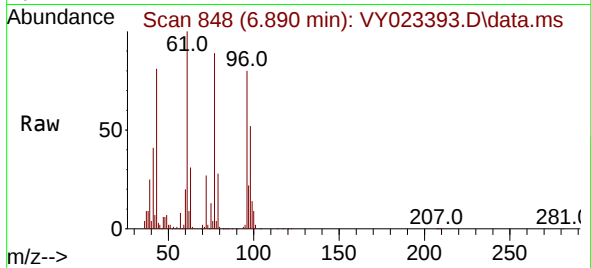




#25
2-Butanone
Concen: 239.970 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

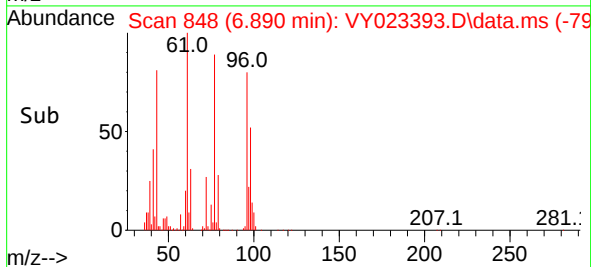
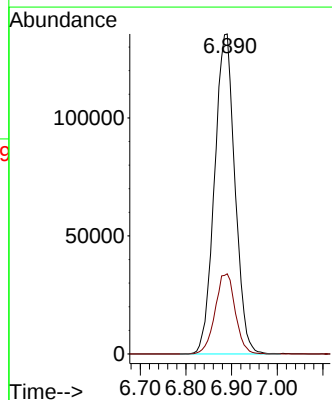
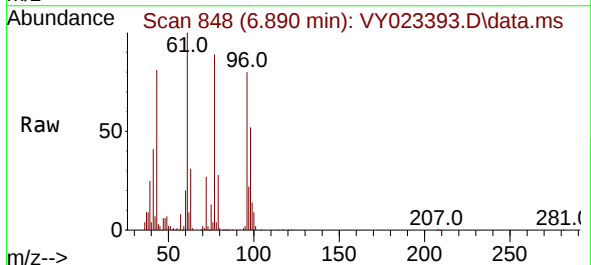
Instrument :
MSVOA_Y
ClientSampleId :

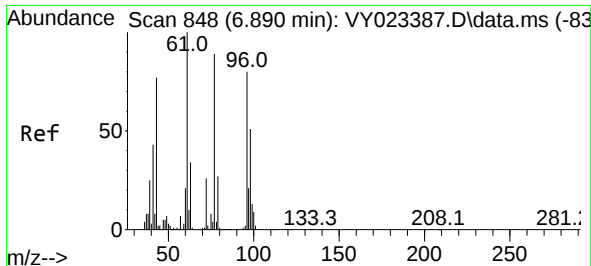
Tgt Ion: 43 Resp: 340521
Ion Ratio Lower Upper
43 100
72 33.6 27.4 41.2



#26
2,2-Dichloropropane
Concen: 49.332 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 77 Resp: 420988
Ion Ratio Lower Upper
77 100
97 24.7 12.1 36.3

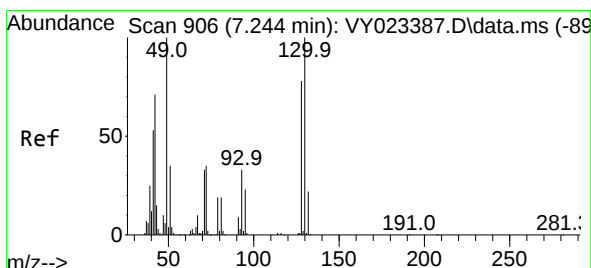
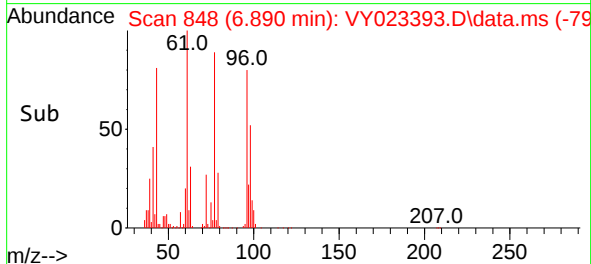
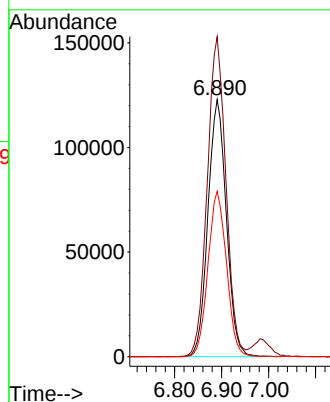
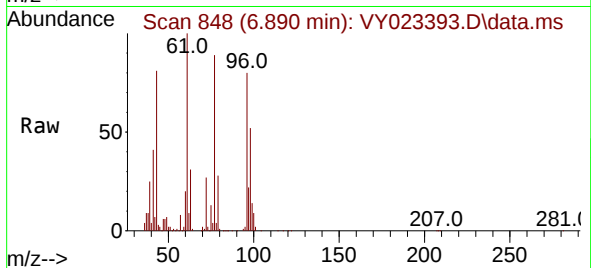




#27
 cis-1,2-Dichloroethene
 Concen: 50.537 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY023393.D
 Acq: 08 Oct 2025 08:56

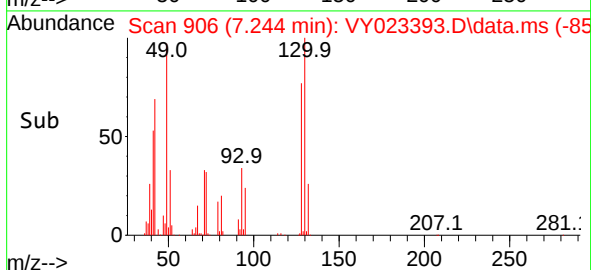
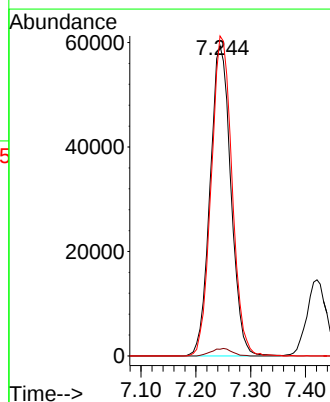
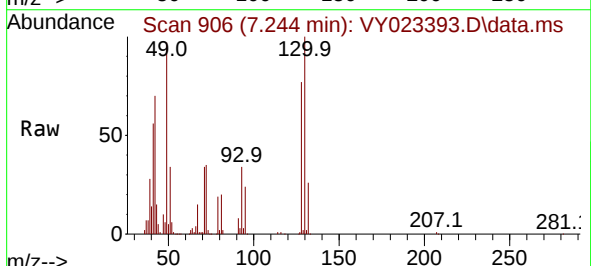
Instrument :
 MSVOA_Y
 ClientSampleId :

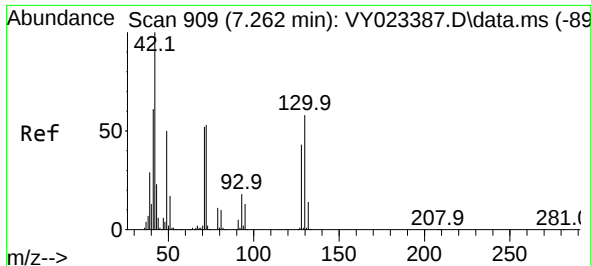
Tgt Ion: 96 Resp: 334733
 Ion Ratio Lower Upper
 96 100
 61 125.8 0.0 258.2
 98 64.5 0.0 132.0



#28
 Bromochloromethane
 Concen: 45.083 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023393.D
 Acq: 08 Oct 2025 08:56

Tgt Ion: 49 Resp: 156523
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.6
 130 102.9 81.9 122.9





#29

Tetrahydrofuran

Concen: 241.924 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

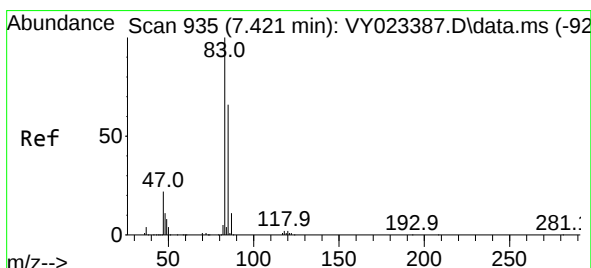
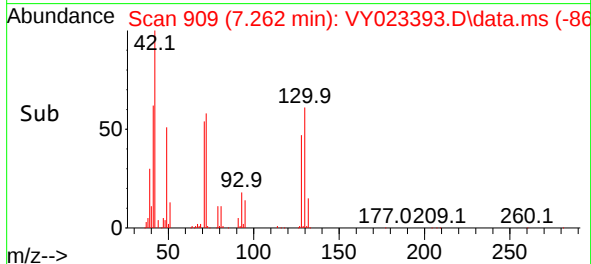
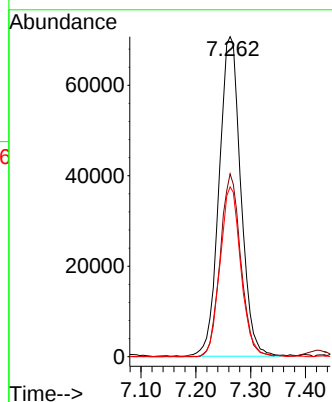
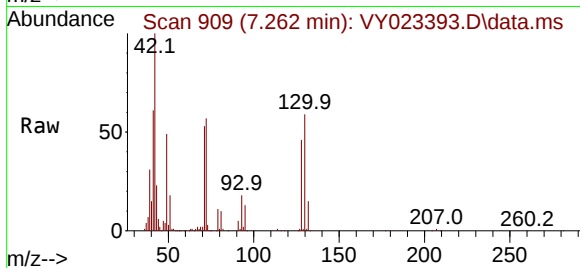
Tgt Ion: 42 Resp: 194671

Ion Ratio Lower Upper

42 100

72 54.4 43.0 64.6

71 51.1 40.1 60.1



#30

Chloroform

Concen: 48.926 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023393.D

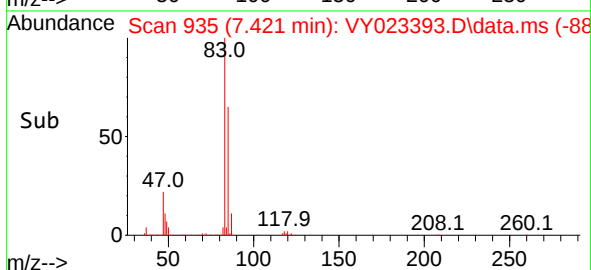
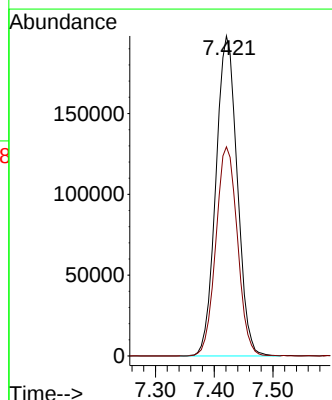
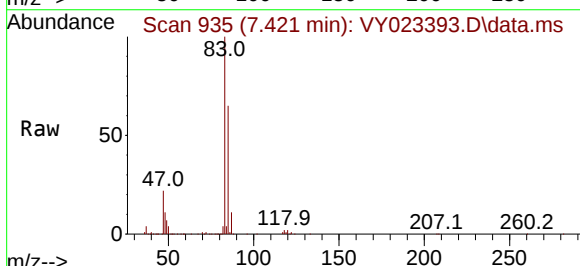
Acq: 08 Oct 2025 08:56

Tgt Ion: 83 Resp: 499930

Ion Ratio Lower Upper

83 100

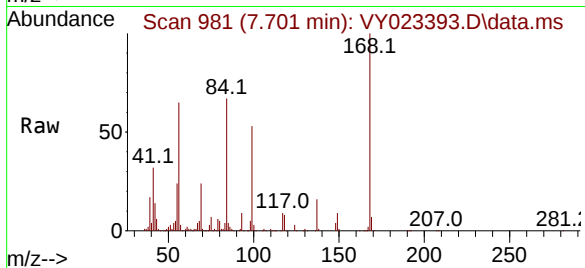
85 65.3 52.5 78.7



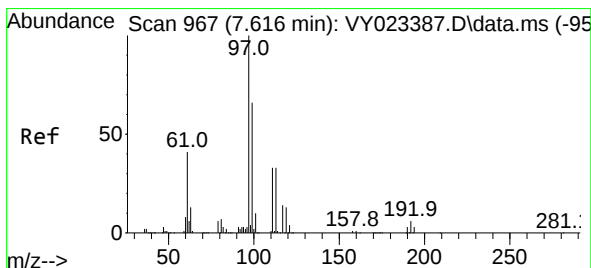
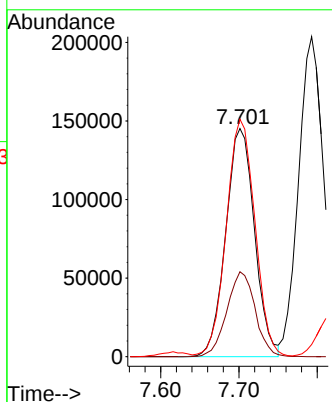
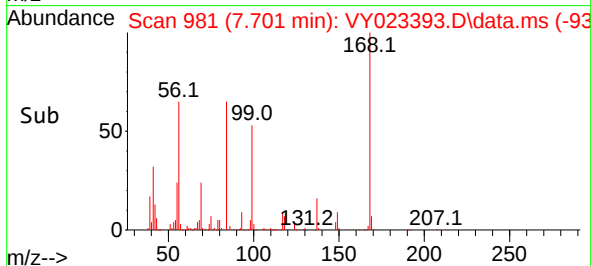


#31
Cyclohexane
Concen: 45.748 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

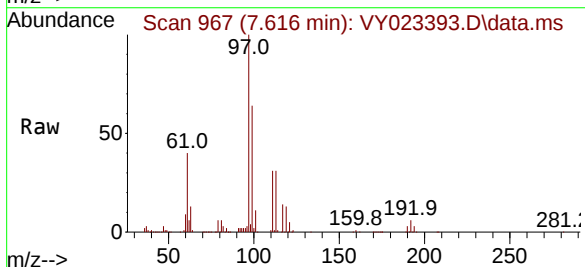
Instrument :
MSVOA_Y
ClientSampleId :



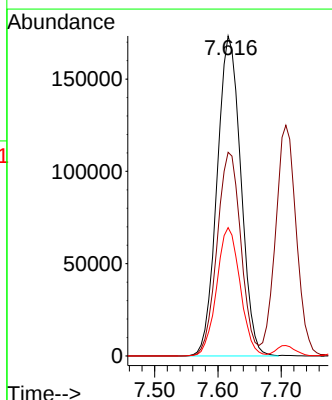
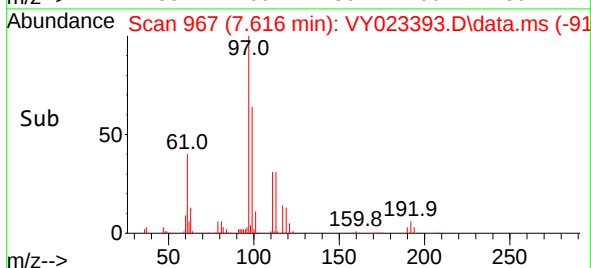
Tgt Ion: 56 Resp: 371557
Ion Ratio Lower Upper
56 100
69 37.2 30.0 45.0
84 102.4 81.2 121.8

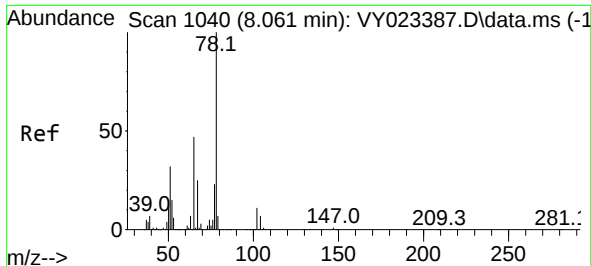


#32
1,1,1-Trichloroethane
Concen: 48.687 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56



Tgt Ion: 97 Resp: 452096
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 39.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 48.915 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

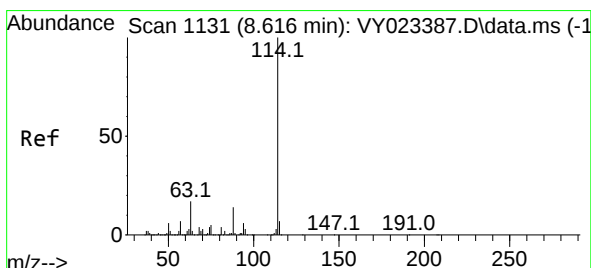
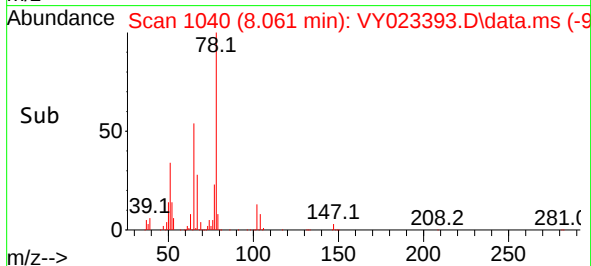
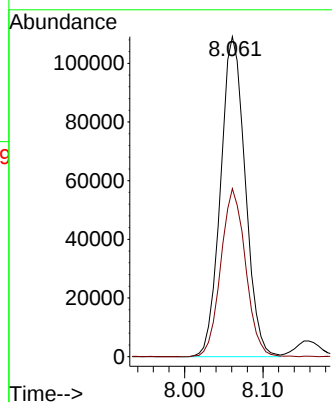
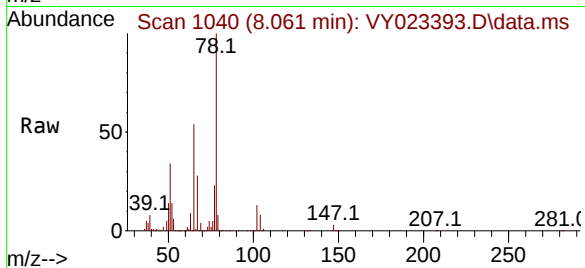
ClientSampleId :

Tgt Ion: 65 Resp: 238818

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

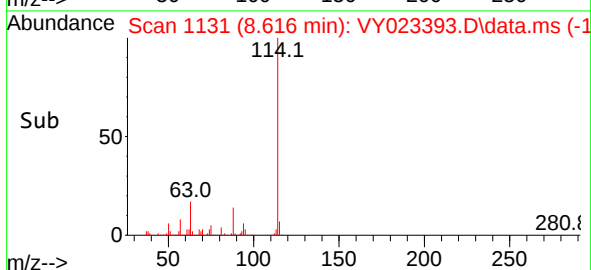
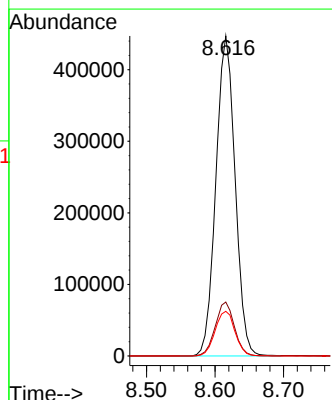
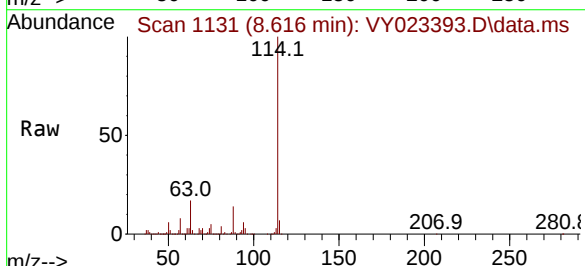
Tgt Ion: 114 Resp: 869513

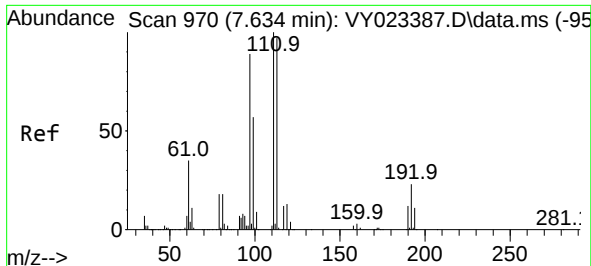
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.2

88 14.0 0.0 28.4

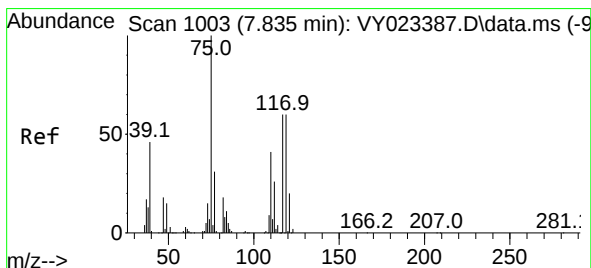
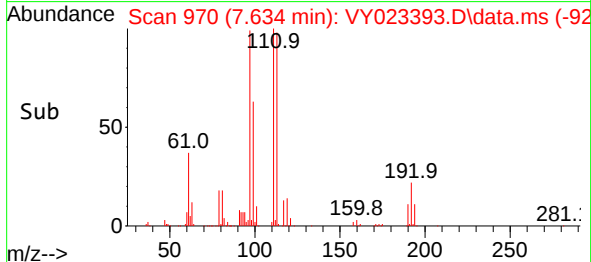
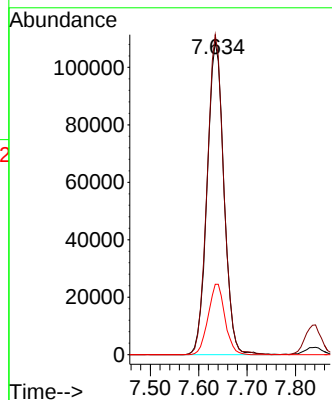
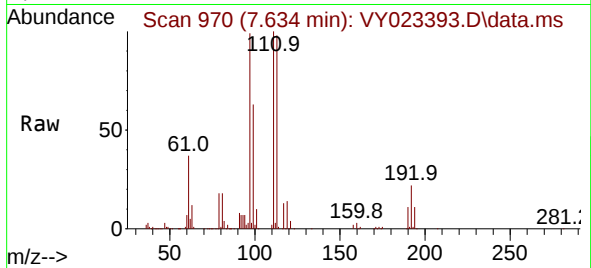




#35
Dibromofluoromethane
Concen: 49.038 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

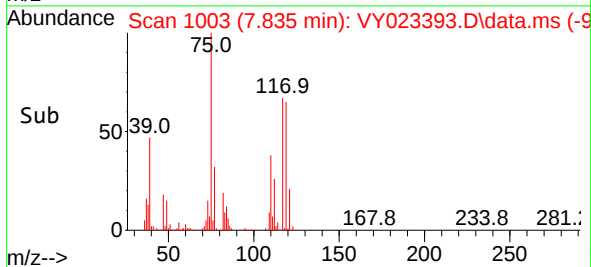
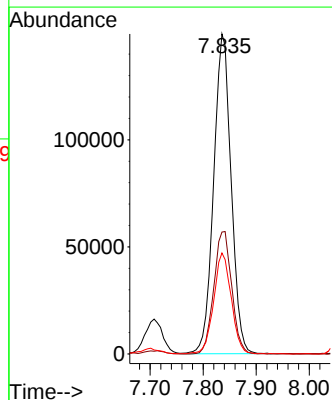
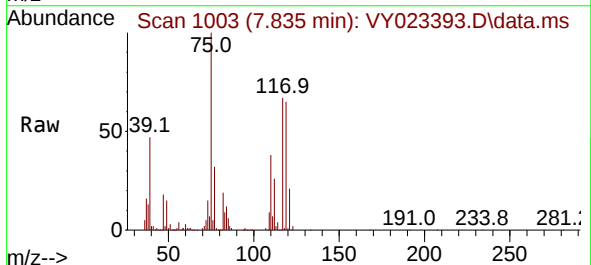
Instrument :
MSVOA_Y
ClientSampleId :

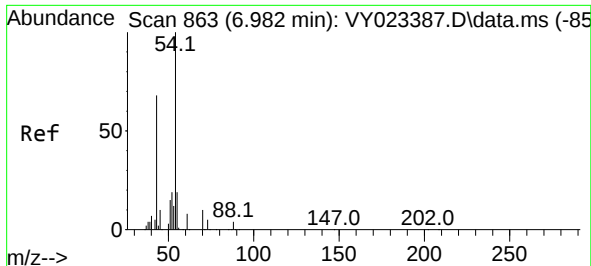
Tgt Ion:113 Resp: 261995
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.6
192 22.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 48.451 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 75 Resp: 342704
Ion Ratio Lower Upper
75 100
110 39.2 19.9 59.7
77 31.6 25.0 37.6

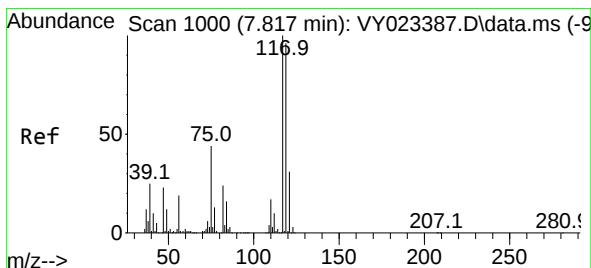
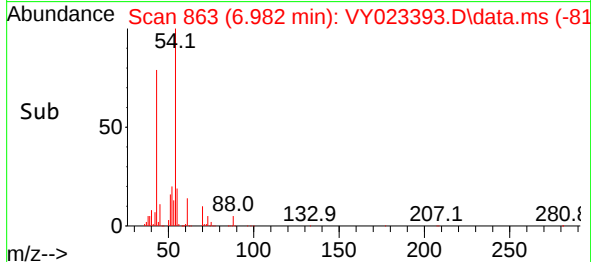
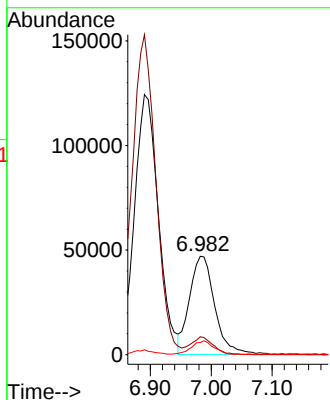
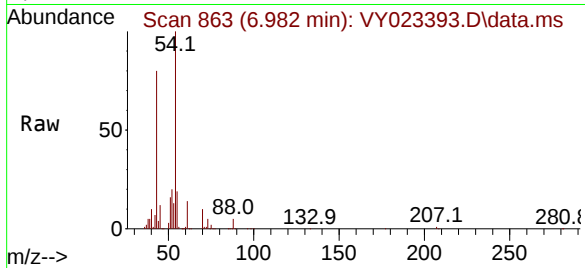




#37
Ethyl Acetate
Concen: 48.044 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

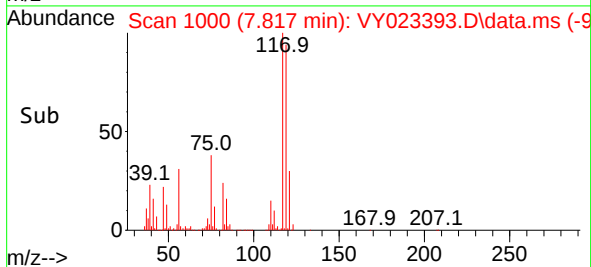
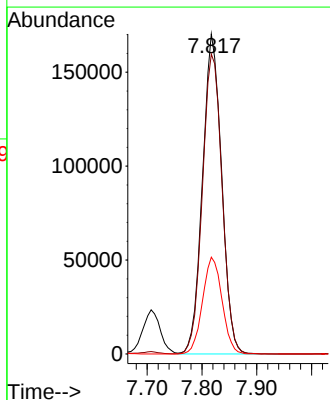
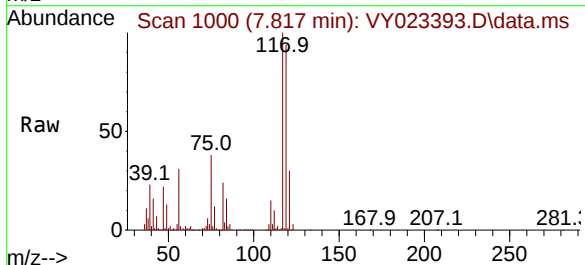
Instrument :
MSVOA_Y
ClientSampleId :

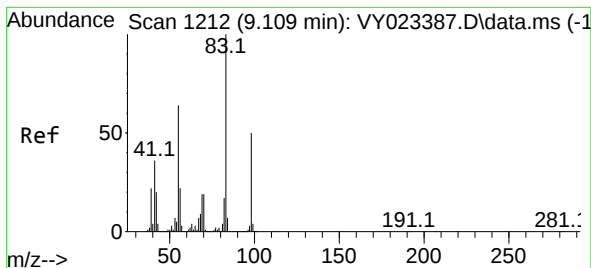
Tgt Ion: 43 Resp: 134630
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.8
70 12.8 10.5 15.7



#38
Carbon Tetrachloride
Concen: 48.044 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 117 Resp: 412062
Ion Ratio Lower Upper
117 100
119 93.7 76.8 115.2
121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 48.881 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

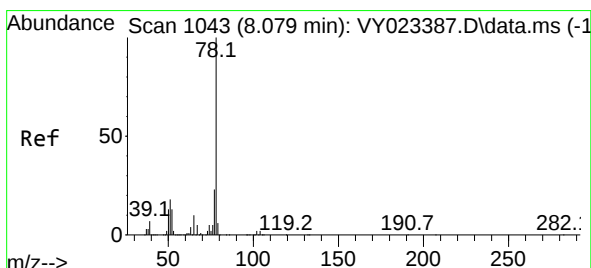
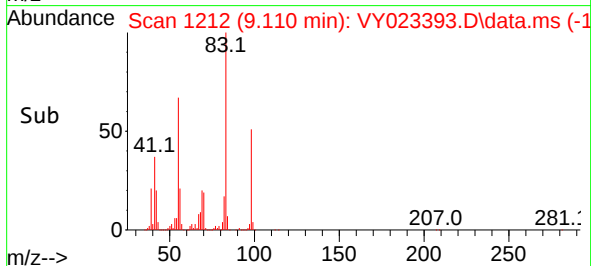
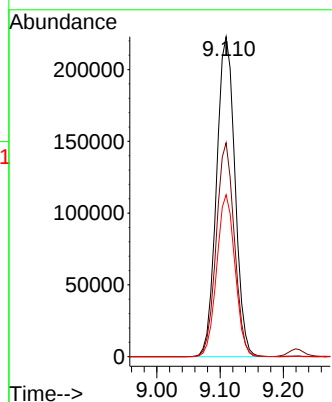
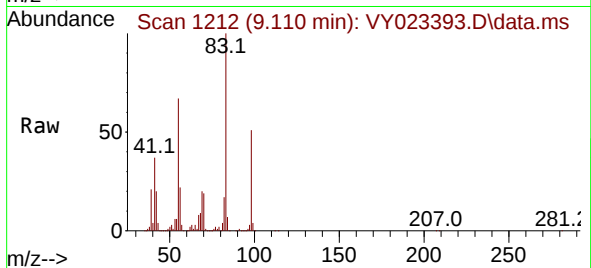
Tgt Ion: 83 Resp: 450172

Ion Ratio Lower Upper

83 100

55 66.8 51.4 77.2

98 50.6 40.4 60.6



#40

Benzene

Concen: 48.862 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023393.D

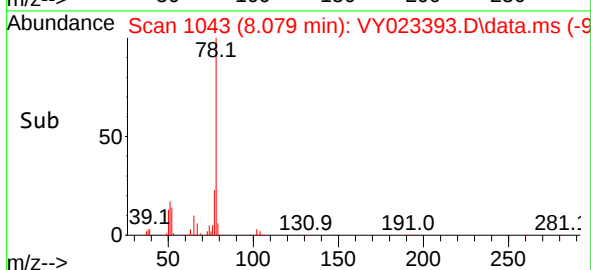
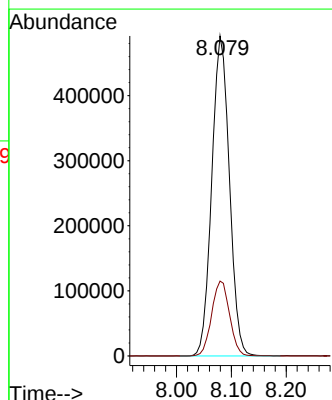
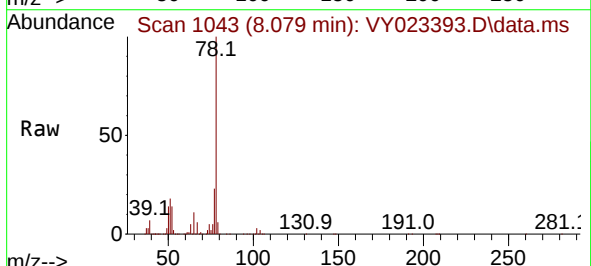
Acq: 08 Oct 2025 08:56

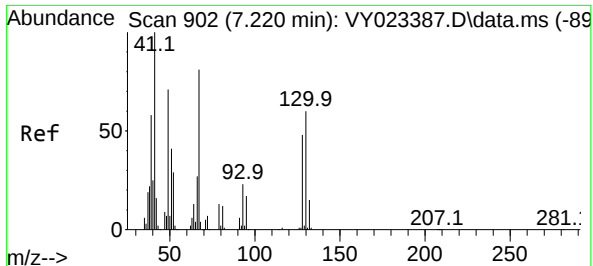
Tgt Ion: 78 Resp: 1094534

Ion Ratio Lower Upper

78 100

77 23.4 18.3 27.5

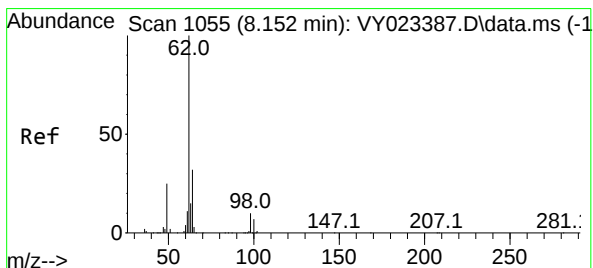
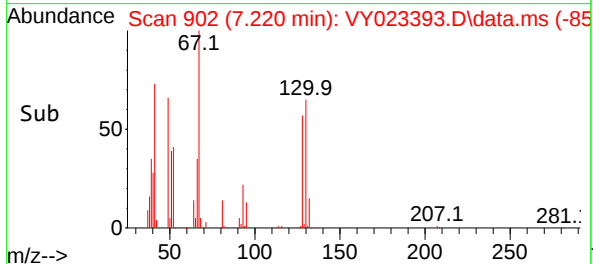
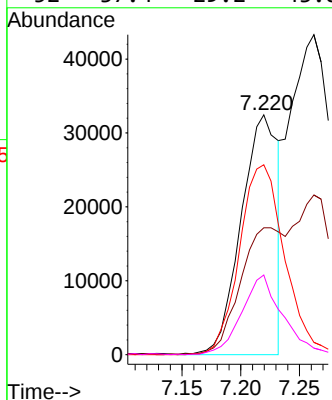
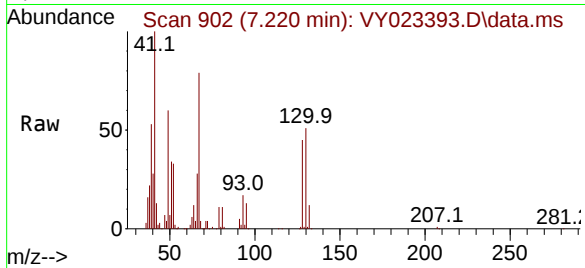




#41
Methacrylonitrile
Concen: 46.669 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

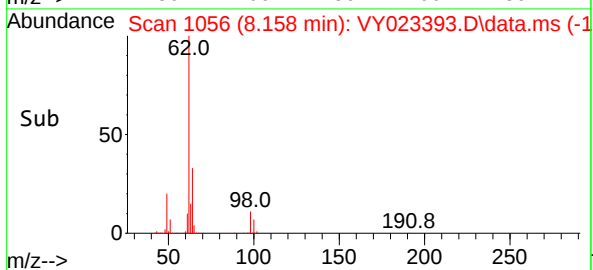
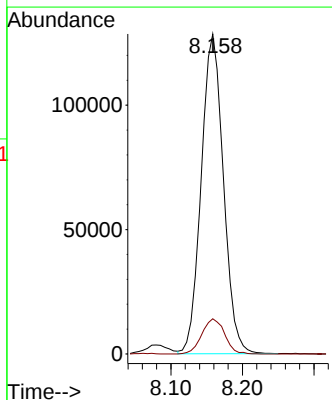
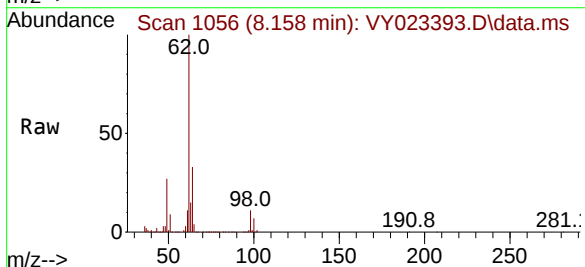
Instrument :
MSVOA_Y
ClientSampleId :

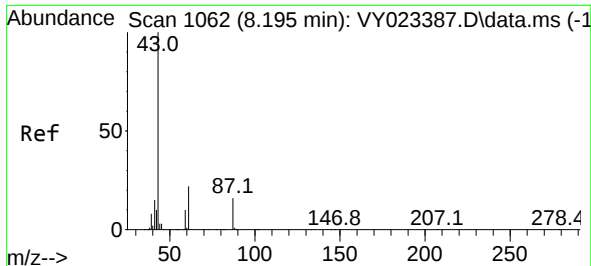
Tgt Ion: 41 Resp: 70730
Ion Ratio Lower Upper
41 100
39 64.3 52.2 78.4
67 97.9 74.9 112.3
52 37.4 29.2 43.8



#42
1,2-Dichloroethane
Concen: 47.947 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 62 Resp: 276992
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.6

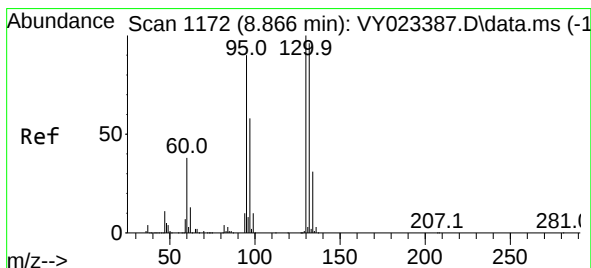
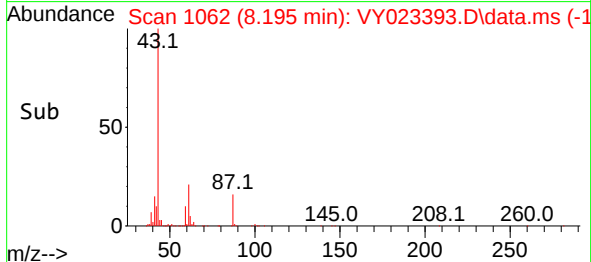
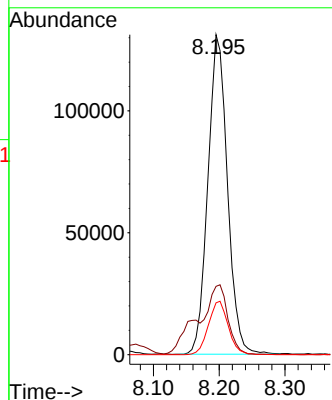
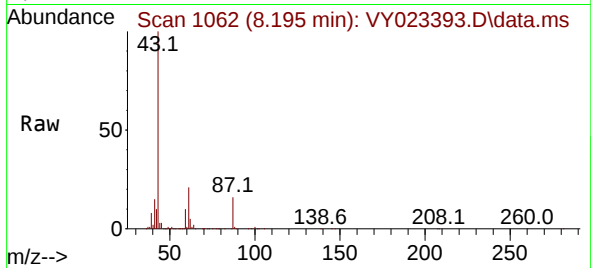




#43
Isopropyl Acetate
Concen: 48.591 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

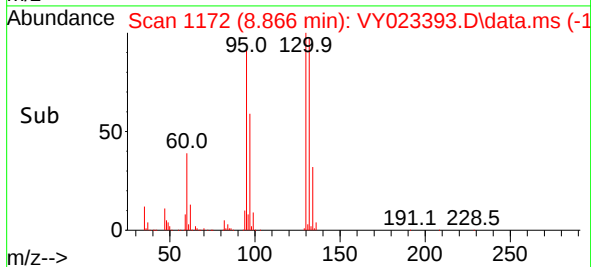
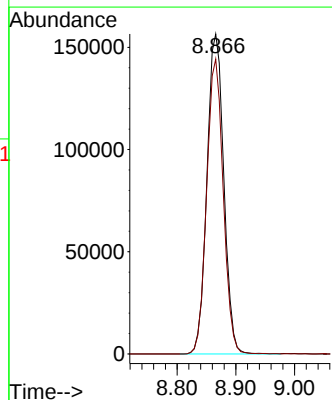
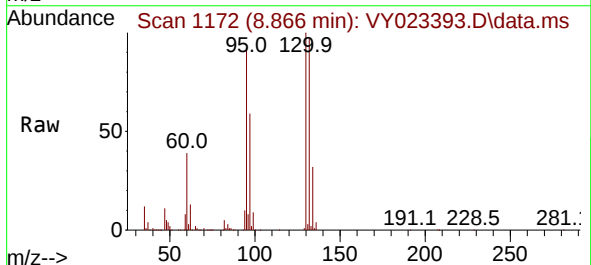
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 271512
Ion Ratio Lower Upper
43 100
61 22.7 18.1 27.1
87 17.0 13.5 20.3



#44
Trichloroethene
Concen: 47.481 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion:130 Resp: 311302
Ion Ratio Lower Upper
130 100
95 92.2 0.0 180.6





#45

1,2-Dichloropropane

Concen: 49.376 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

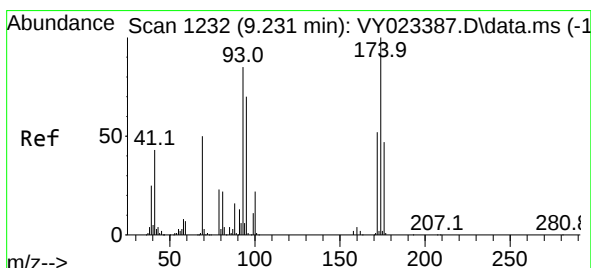
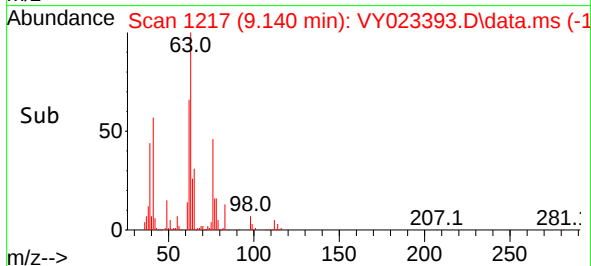
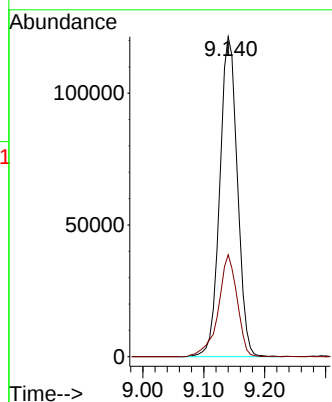
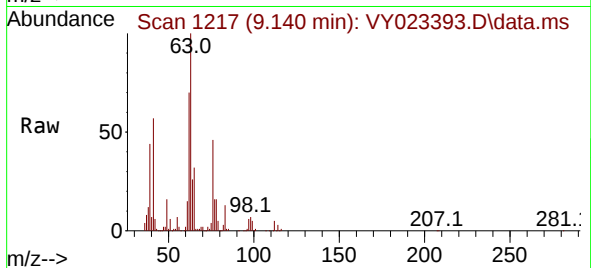
ClientSampleId :

Tgt Ion: 63 Resp: 244296

Ion Ratio Lower Upper

63 100

65 31.9 24.9 37.3



#46

Dibromomethane

Concen: 48.775 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

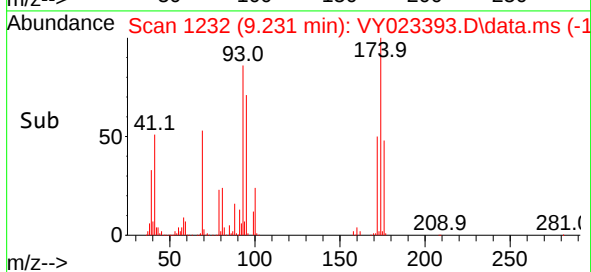
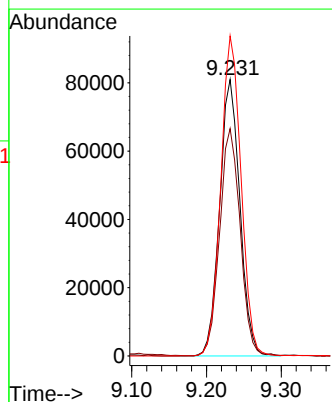
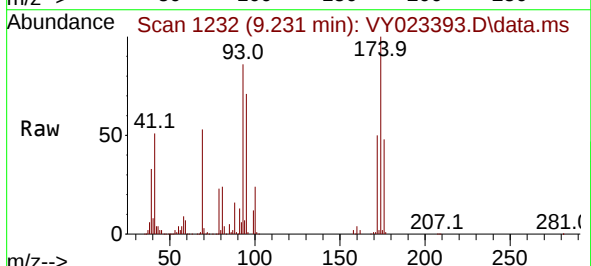
Tgt Ion: 93 Resp: 152597

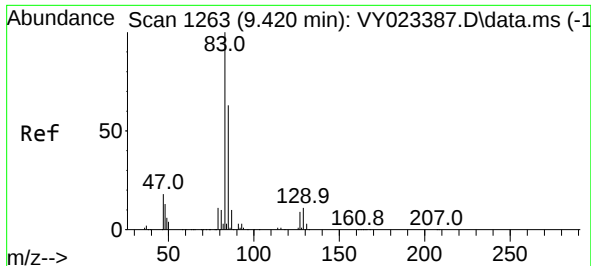
Ion Ratio Lower Upper

93 100

95 83.1 65.4 98.0

174 116.2 92.9 139.3

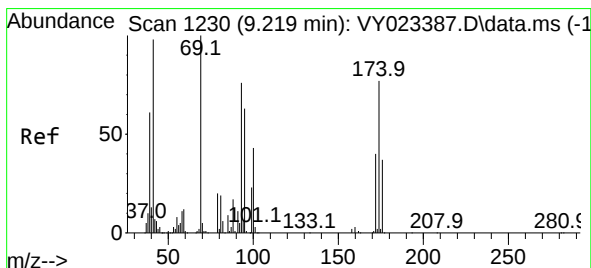
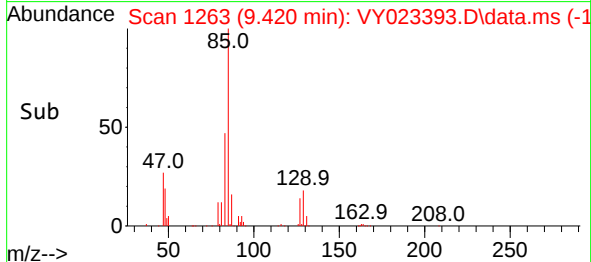
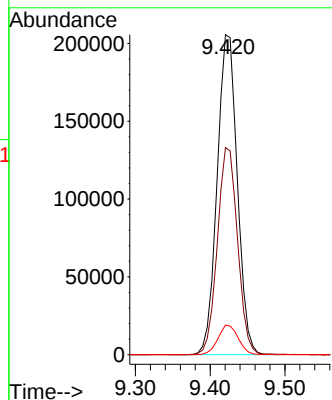
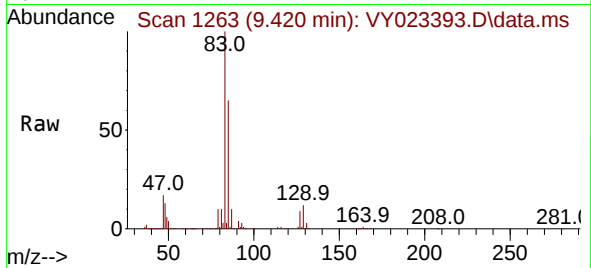




#47
Bromodichloromethane
Concen: 48.935 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

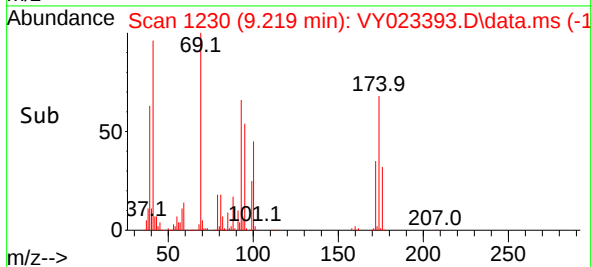
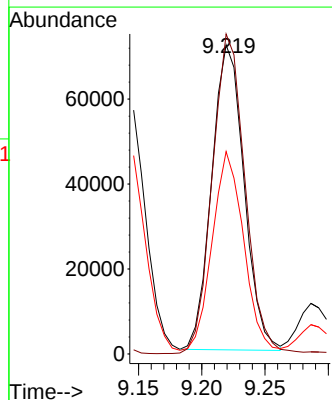
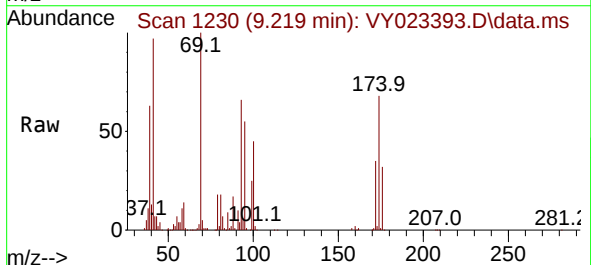
Instrument :
MSVOA_Y
ClientSampleId :

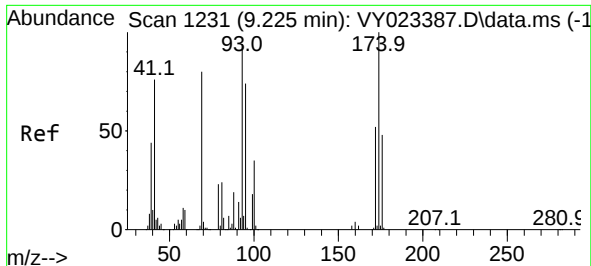
Tgt Ion: 83 Resp: 385585
Ion Ratio Lower Upper
83 100
85 64.7 50.8 76.2
127 9.3 7.4 11.2



#48
Methyl methacrylate
Concen: 48.640 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 41 Resp: 127683
Ion Ratio Lower Upper
41 100
69 106.3 81.0 121.4
39 62.9 48.2 72.4





#49

1,4-Dioxane

Concen: 980.438 ug/l

RT: 9.225 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

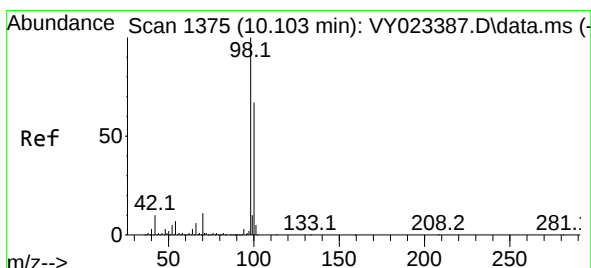
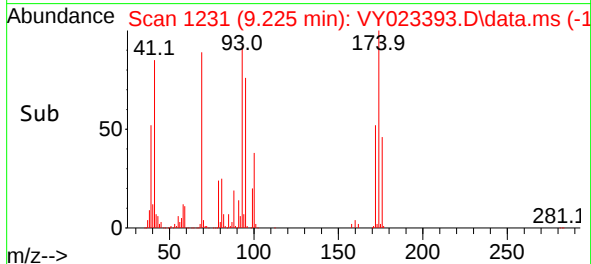
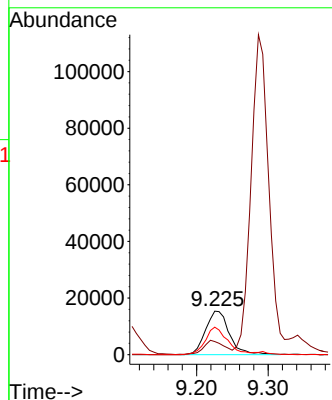
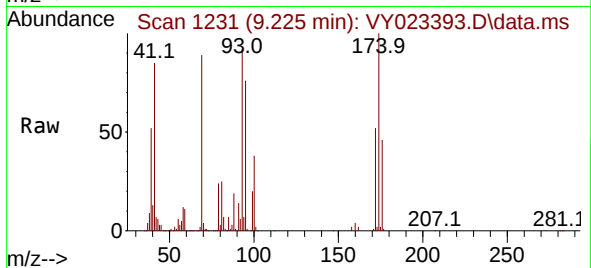
Tgt Ion: 88 Resp: 35564

Ion Ratio Lower Upper

88 100

43 27.9 21.8 32.8

58 58.6 46.8 70.2



#50

Toluene-d8

Concen: 48.411 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023393.D

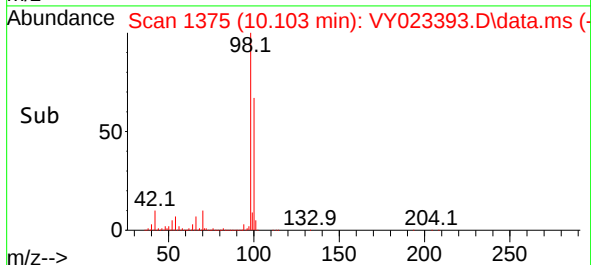
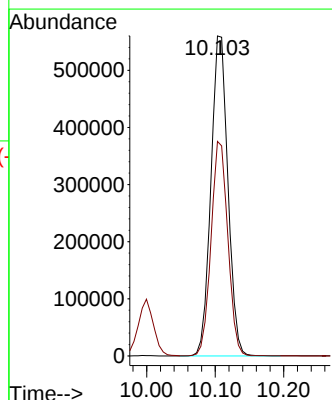
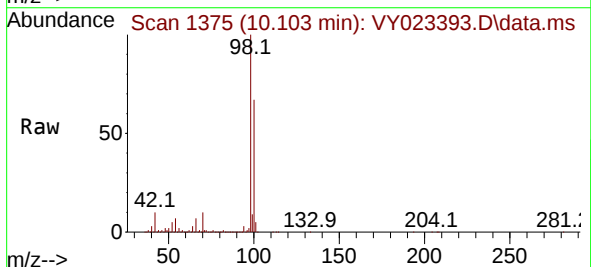
Acq: 08 Oct 2025 08:56

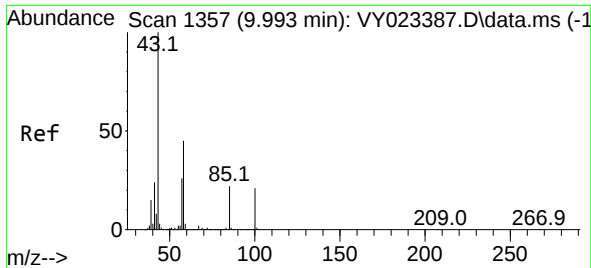
Tgt Ion: 98 Resp: 963220

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4

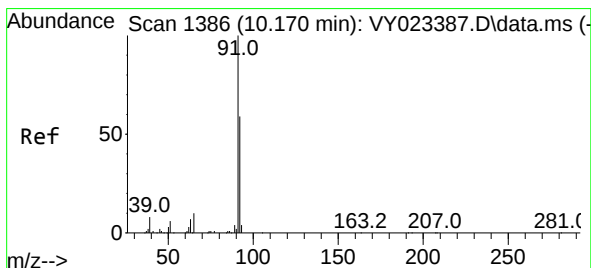
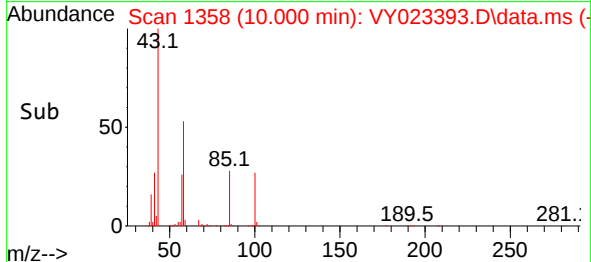
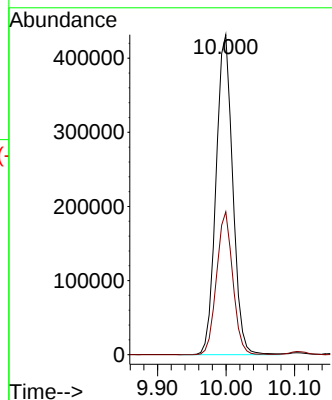
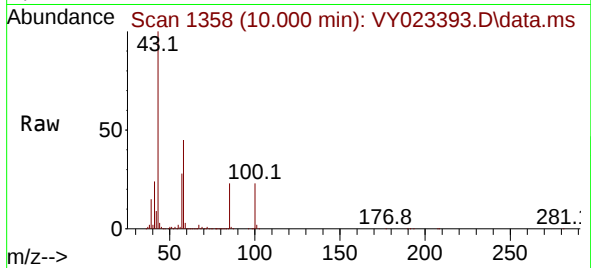




#51
4-Methyl-2-Pentanone
Concen: 251.644 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

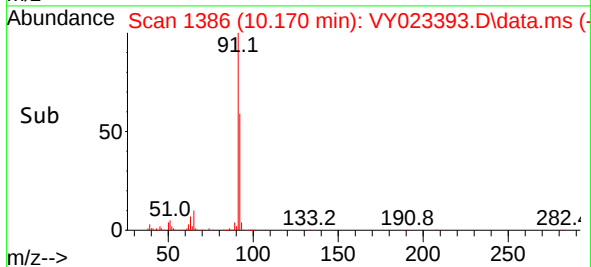
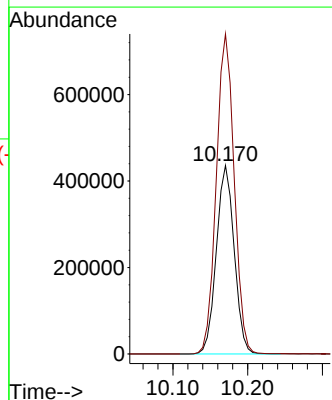
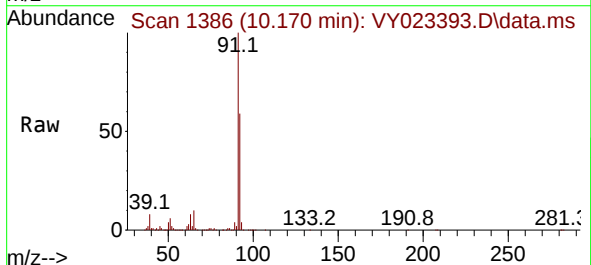
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 726488
Ion Ratio Lower Upper
43 100
58 43.5 35.3 52.9



#52
Toluene
Concen: 49.636 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 92 Resp: 721922
Ion Ratio Lower Upper
92 100
91 170.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 50.188 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

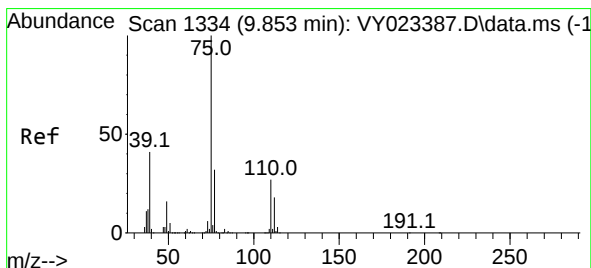
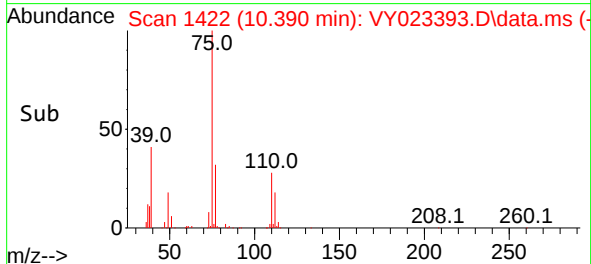
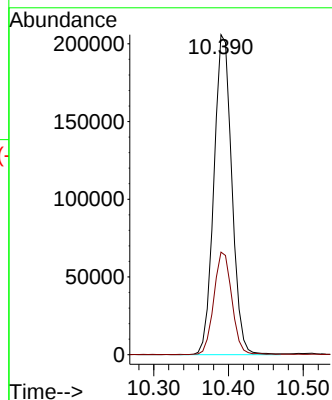
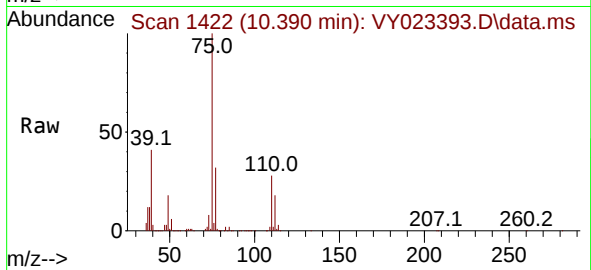
ClientSampleId :

Tgt Ion: 75 Resp: 343854

Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.507 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

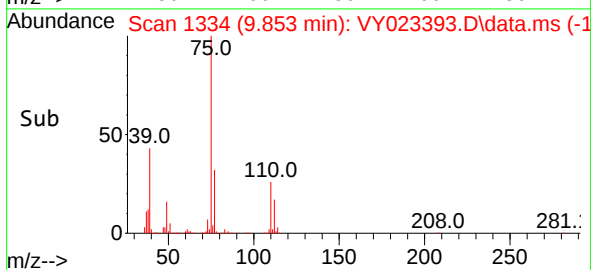
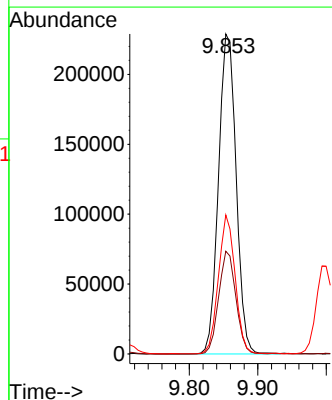
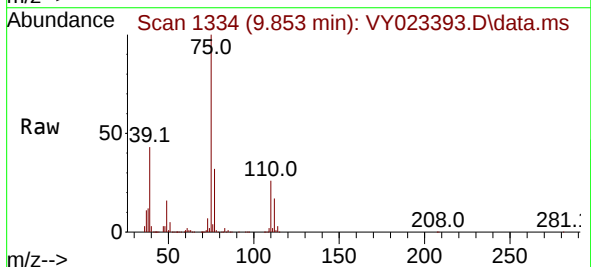
Tgt Ion: 75 Resp: 408406

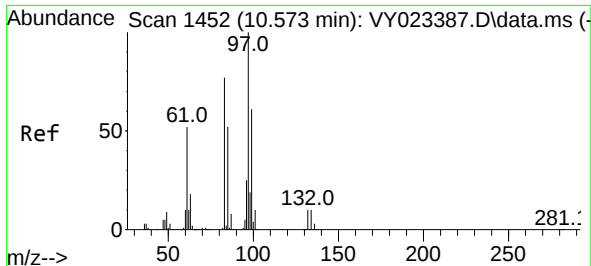
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

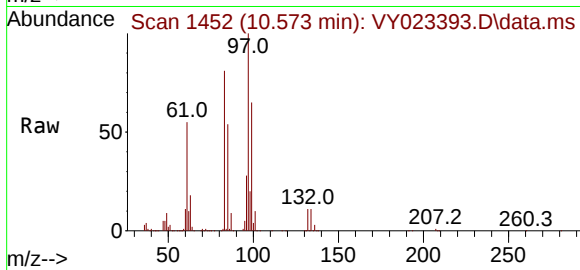
39 43.4 32.8 49.2



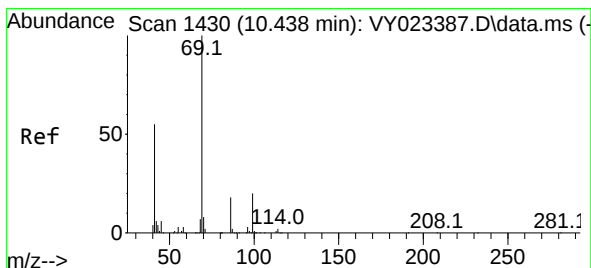
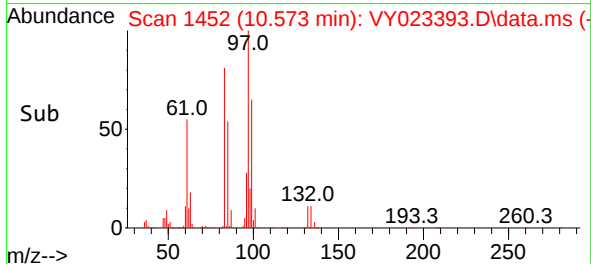
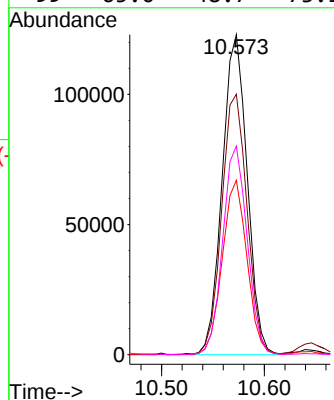


#55
1,1,2-Trichloroethane
Concen: 49.263 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :

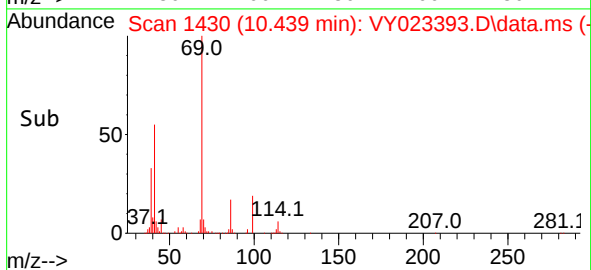
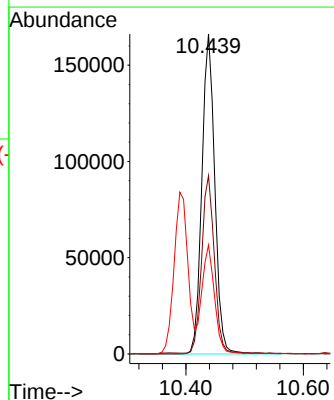
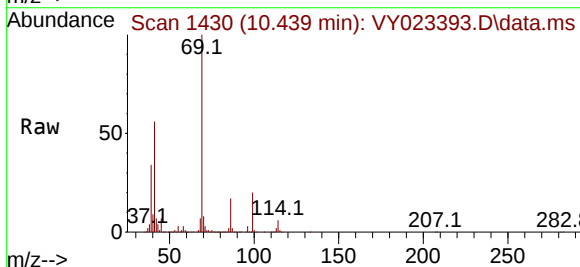


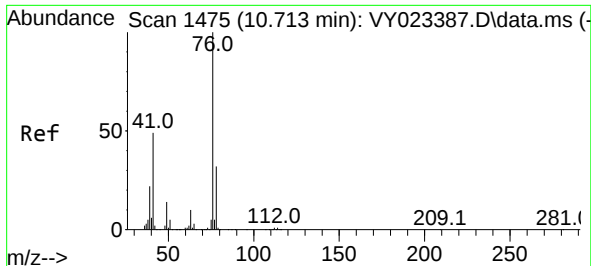
Tgt Ion: 97	Resp: 207255
Ion Ratio	Lower Upper
97 100	
83 81.3	61.8 92.6
85 54.4	41.3 61.9
99 65.0	48.7 73.1



#56
Ethyl methacrylate
Concen: 52.117 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 69	Resp: 252925
Ion Ratio	Lower Upper
69 100	
41 54.5	44.6 67.0
39 33.5	27.0 40.4





#57

1,3-Dichloropropane

Concen: 49.494 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

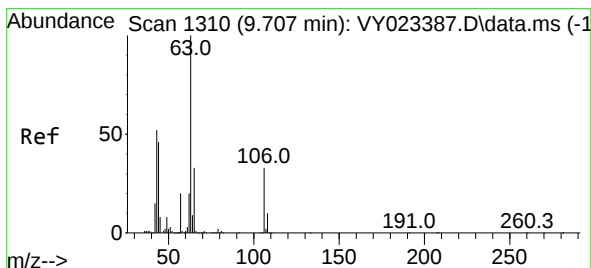
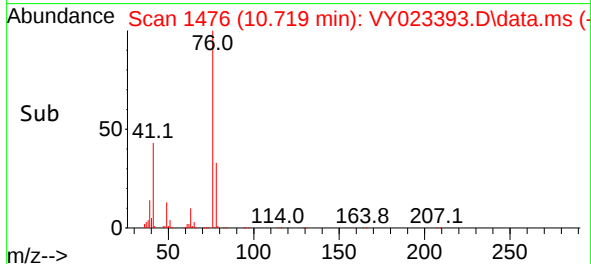
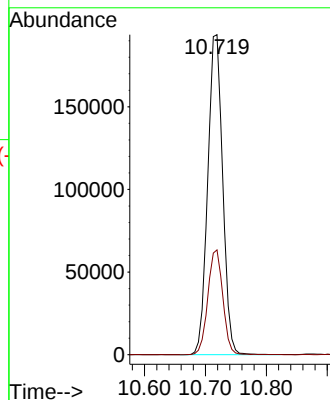
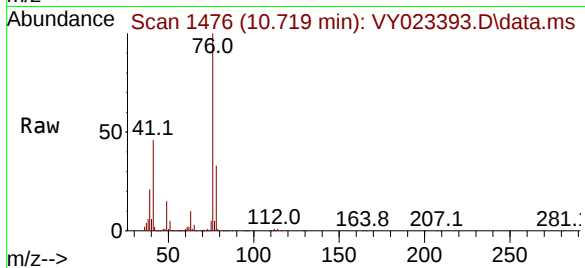
ClientSampleId :

Tgt Ion: 76 Resp: 329960

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 266.784 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023393.D

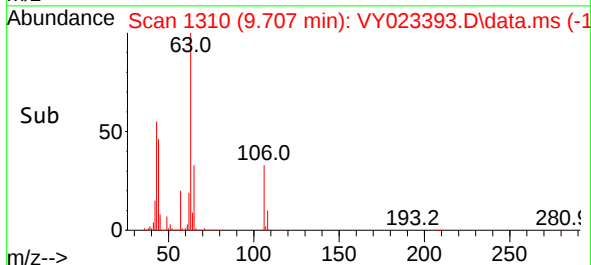
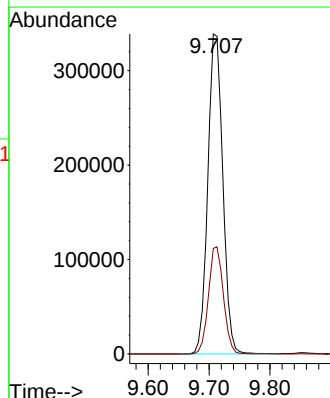
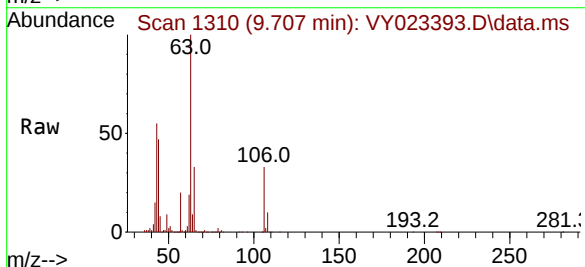
Acq: 08 Oct 2025 08:56

Tgt Ion: 63 Resp: 579993

Ion Ratio Lower Upper

63 100

106 33.4 26.6 39.8

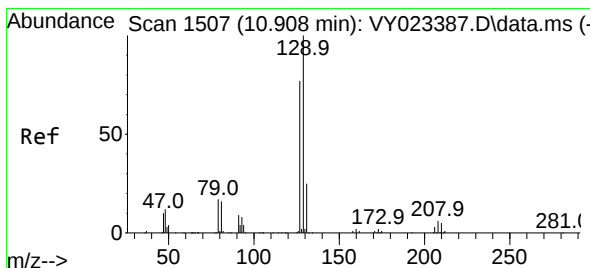
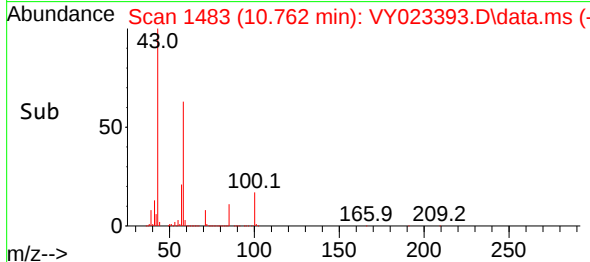
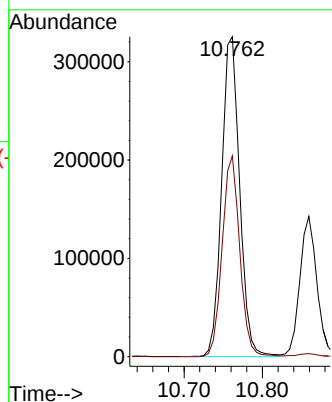
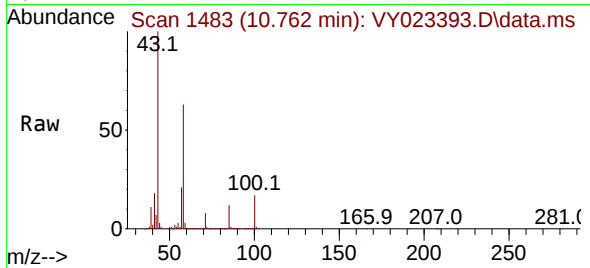




#59
2-Hexanone
Concen: 252.310 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

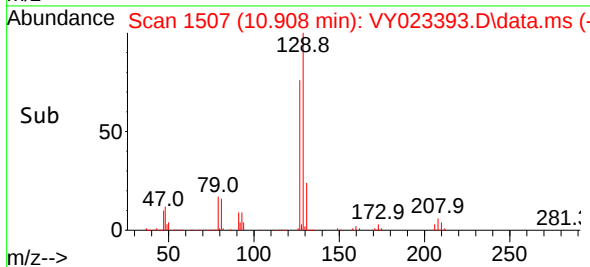
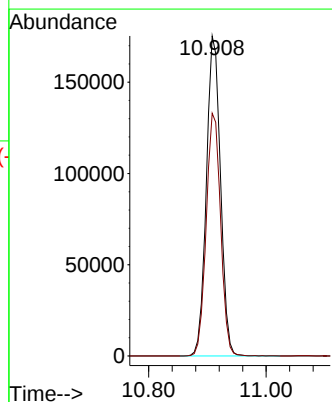
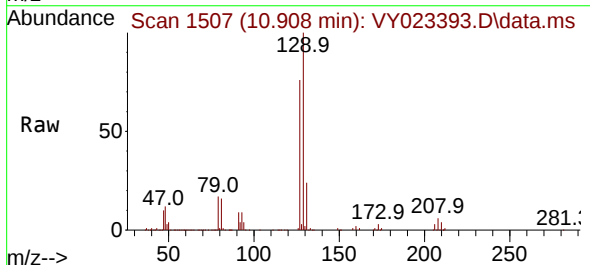
Instrument :
MSVOA_Y
ClientSampleId :

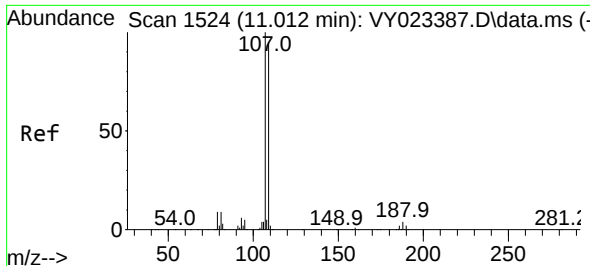
Tgt Ion: 43 Resp: 520555
Ion Ratio Lower Upper
43 100
58 61.5 30.5 91.5



#60
Dibromochloromethane
Concen: 49.521 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 129 Resp: 292099
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

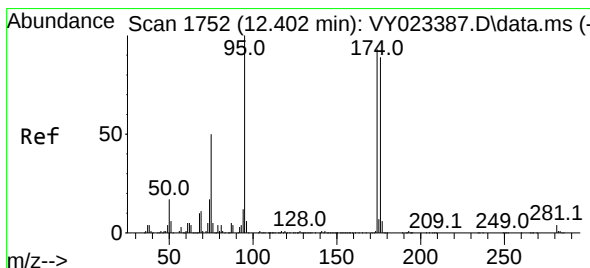
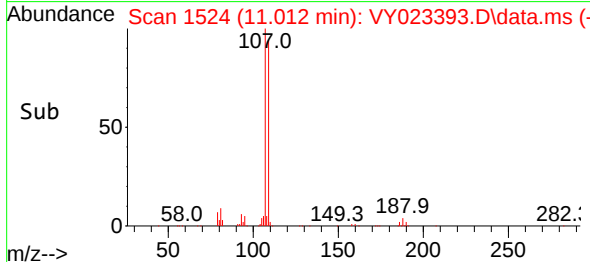
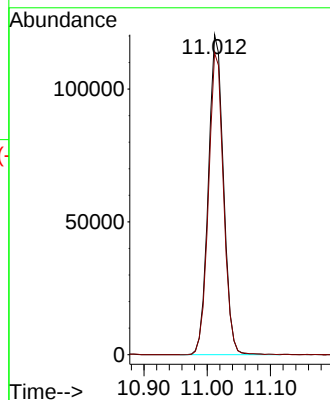
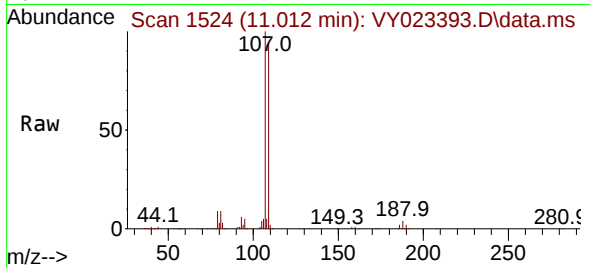




#61
1,2-Dibromoethane
Concen: 49.896 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

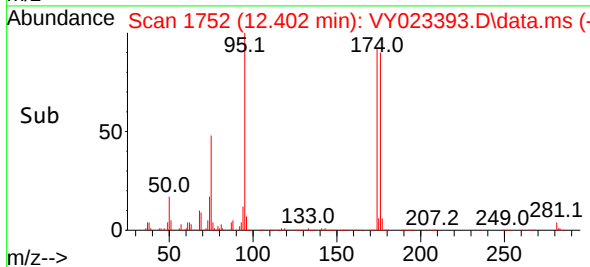
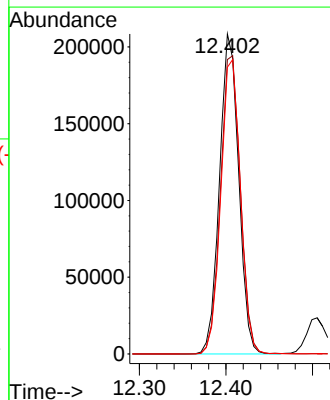
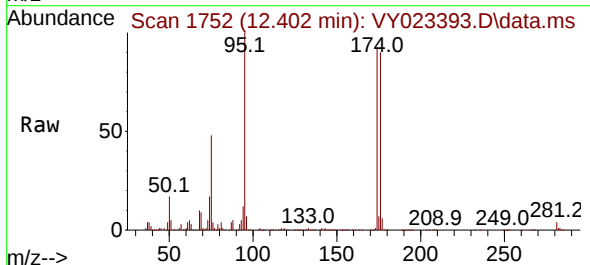
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 200200
Ion Ratio Lower Upper
107 100
109 93.8 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 48.734 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 95 Resp: 320131
Ion Ratio Lower Upper
95 100
174 97.0 0.0 192.8
176 94.2 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

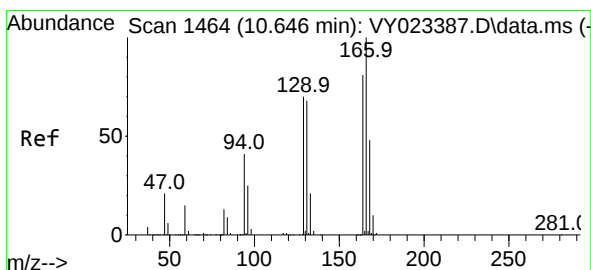
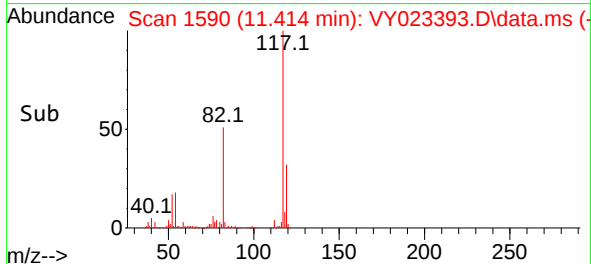
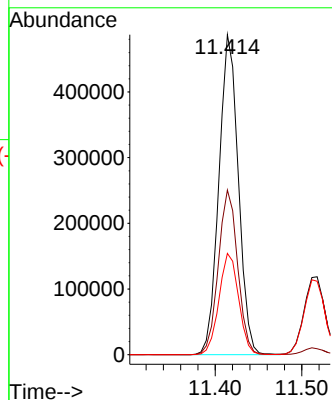
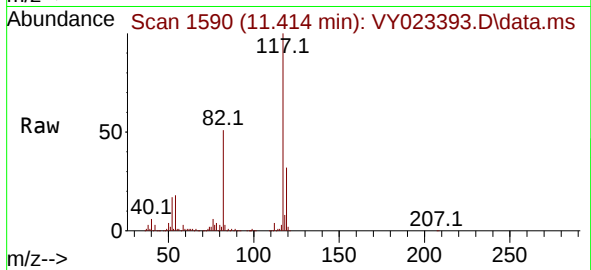
Tgt Ion:117 Resp: 759550

Ion Ratio Lower Upper

117 100

82 51.4 41.0 61.4

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 45.211 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Tgt Ion:164 Resp: 354576

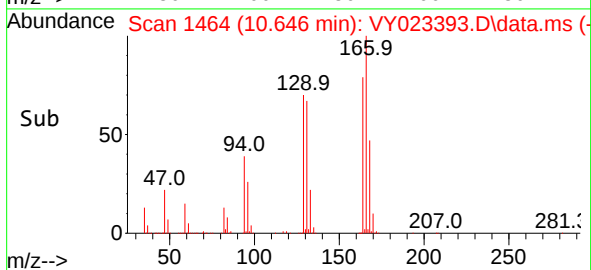
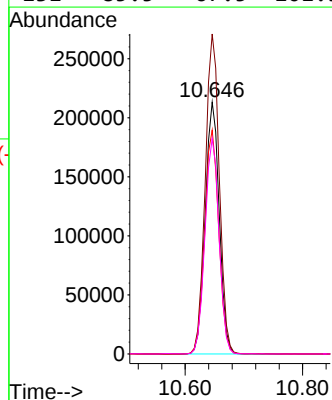
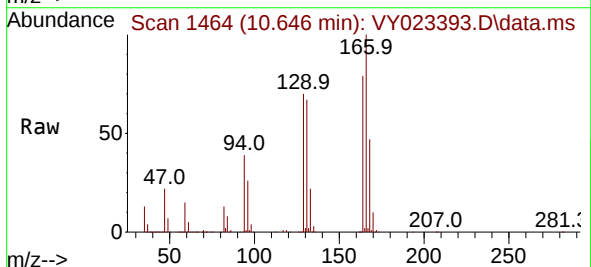
Ion Ratio Lower Upper

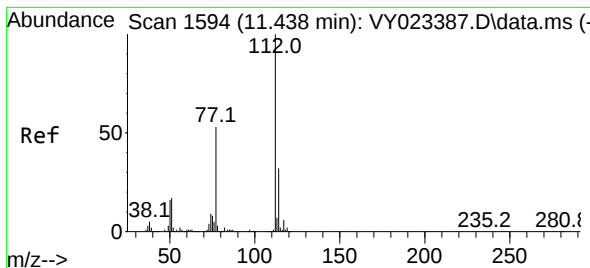
164 100

166 127.1 99.4 149.0

129 88.9 69.4 104.2

131 85.5 67.5 101.3





#65

Chlorobenzene

Concen: 49.741 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

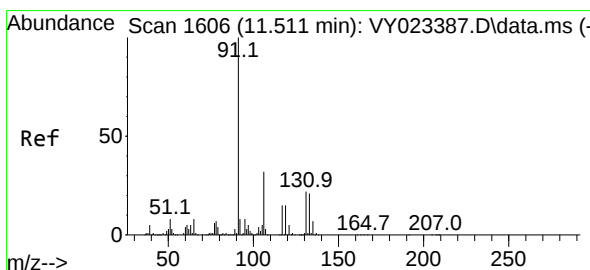
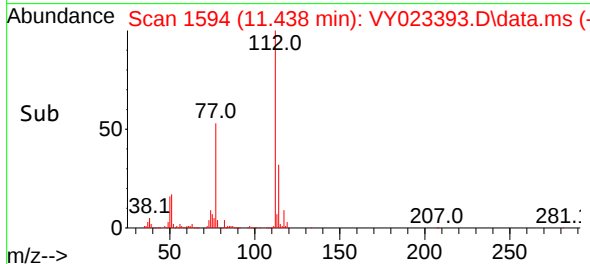
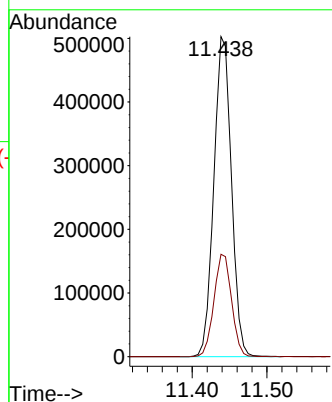
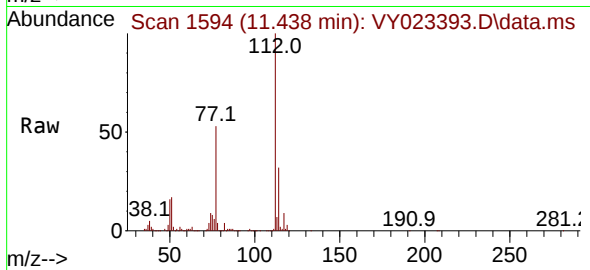
ClientSampleId :

Tgt Ion:112 Resp: 821716

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.465 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

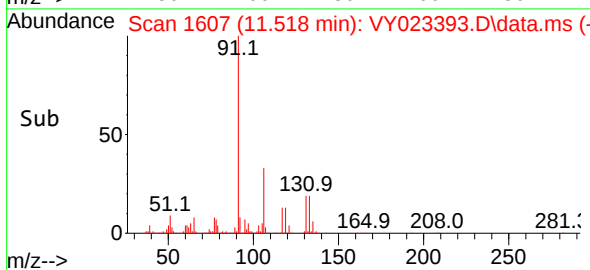
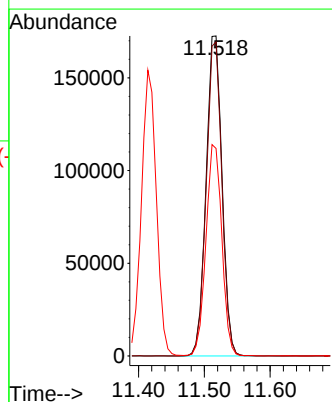
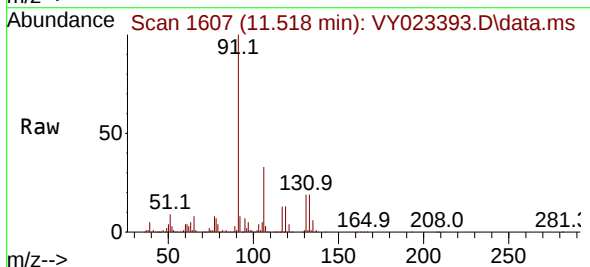
Tgt Ion:131 Resp: 291198

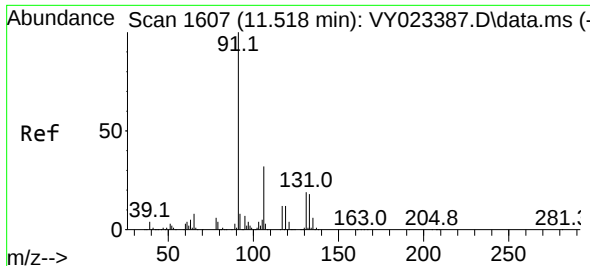
Ion Ratio Lower Upper

131 100

133 96.0 48.4 145.2

119 65.9 32.4 97.2

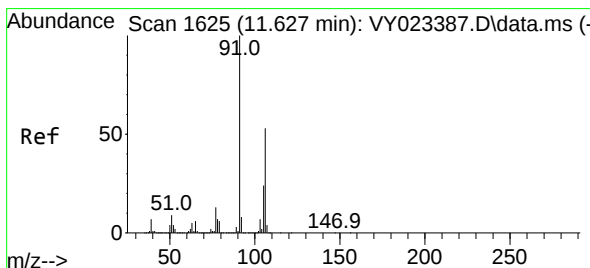
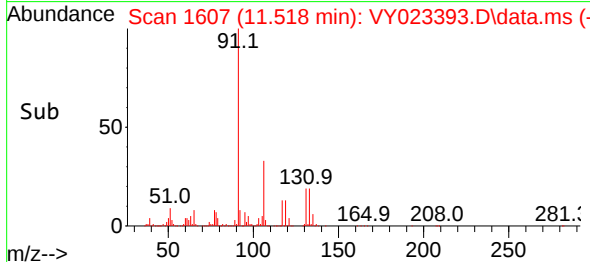
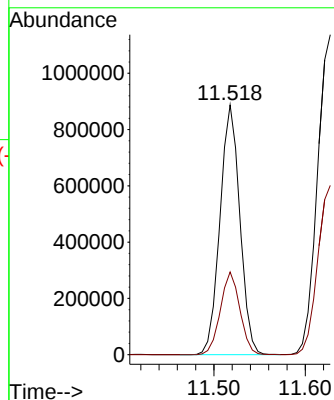
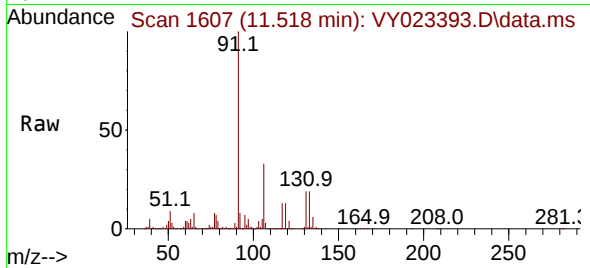




#67
Ethyl Benzene
Concen: 50.170 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

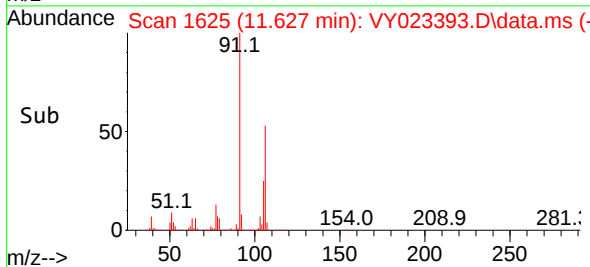
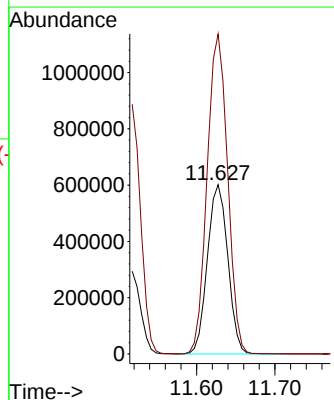
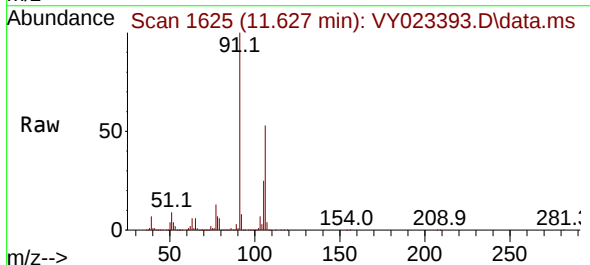
Instrument :
MSVOA_Y
ClientSampleId :

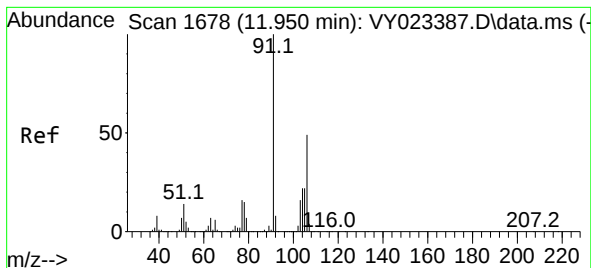
Tgt Ion: 91 Resp: 1341582
Ion Ratio Lower Upper
91 100
106 33.1 25.8 38.8



#68
m/p-Xylenes
Concen: 101.299 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion:106 Resp: 1086484
Ion Ratio Lower Upper
106 100
91 189.8 152.6 229.0





#69

o-Xylene

Concen: 50.957 ug/l

RT: 11.950 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

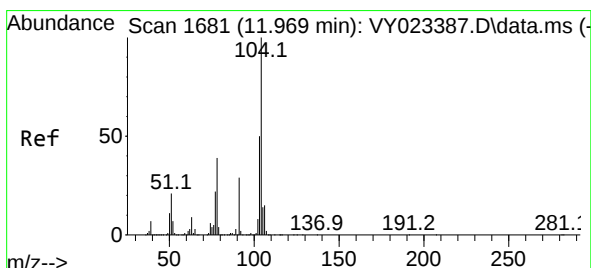
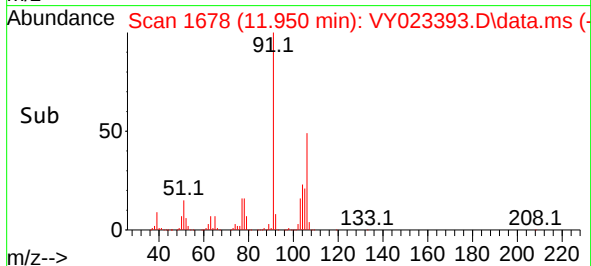
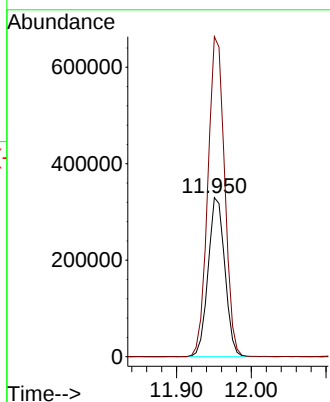
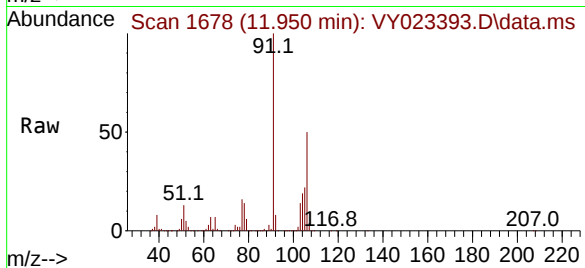
ClientSampleId :

Tgt Ion:106 Resp: 512638

Ion Ratio Lower Upper

106 100

91 201.8 101.4 304.1



#70

Styrene

Concen: 51.696 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

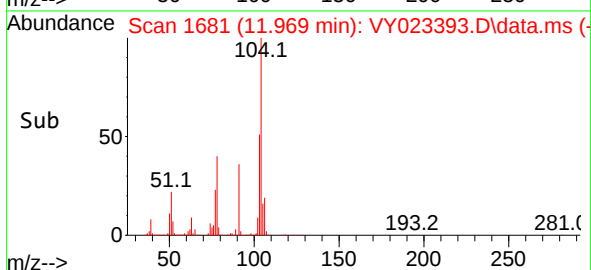
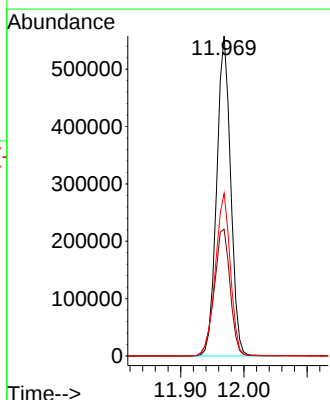
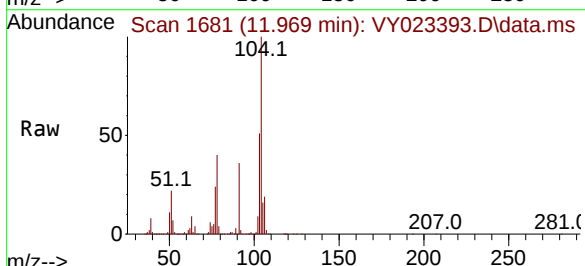
Tgt Ion:104 Resp: 855247

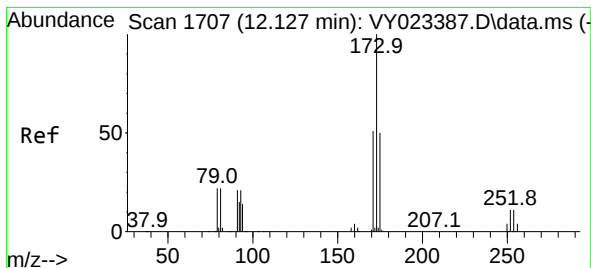
Ion Ratio Lower Upper

104 100

78 45.0 36.1 54.1

103 54.5 43.2 64.8





#71

Bromoform

Concen: 49.479 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

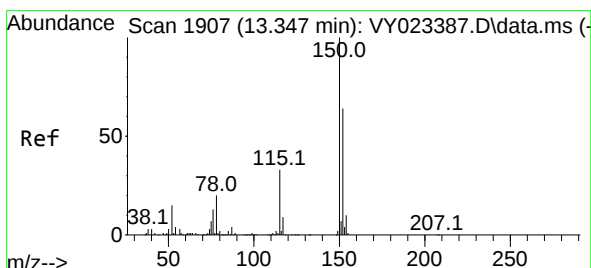
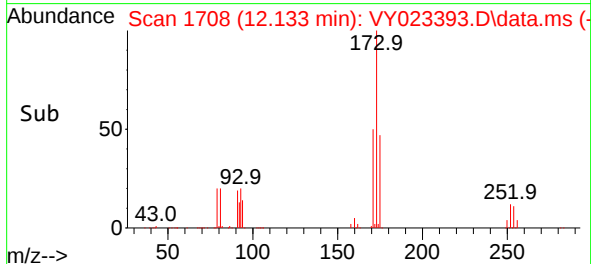
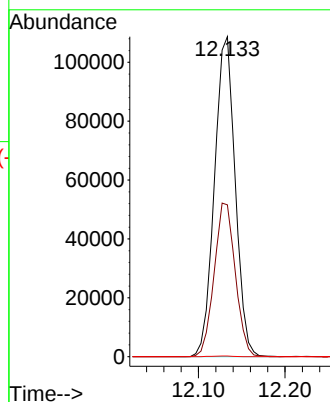
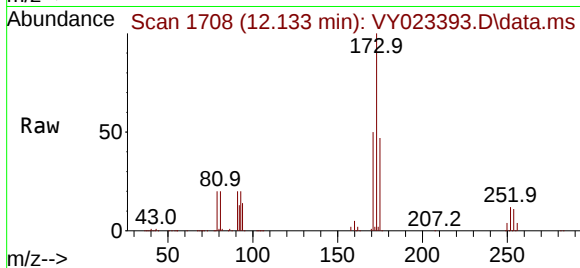
Tgt Ion:173 Resp: 180677

Ion Ratio Lower Upper

173 100

175 49.0 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

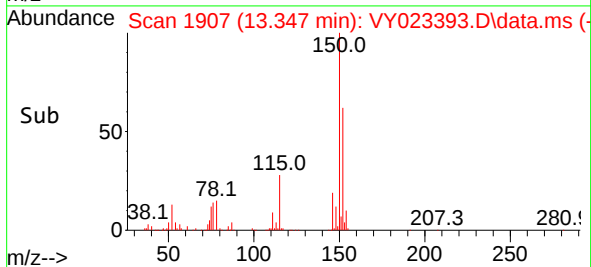
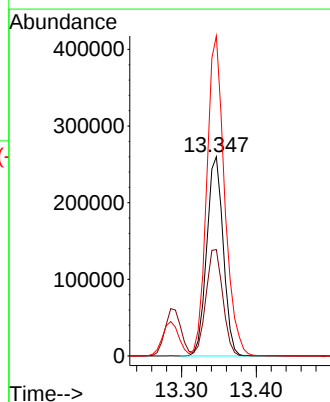
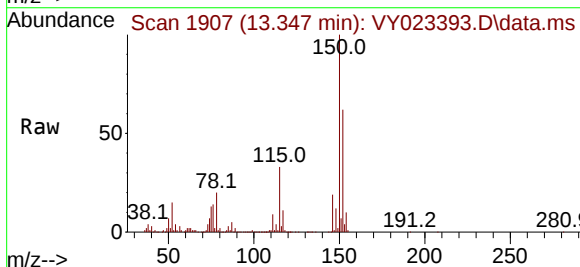
Tgt Ion:152 Resp: 398157

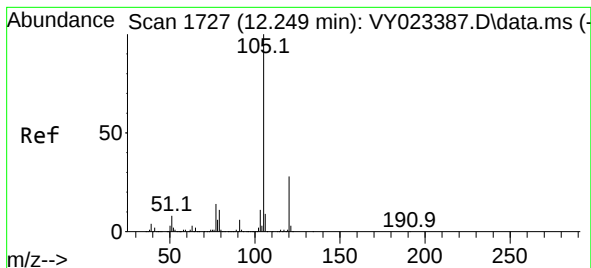
Ion Ratio Lower Upper

152 100

115 54.4 27.1 81.2

150 173.4 0.0 347.4





#73

Isopropylbenzene

Concen: 50.066 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

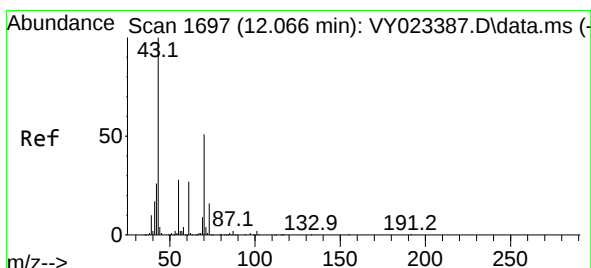
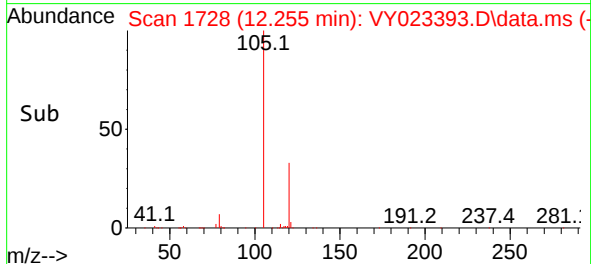
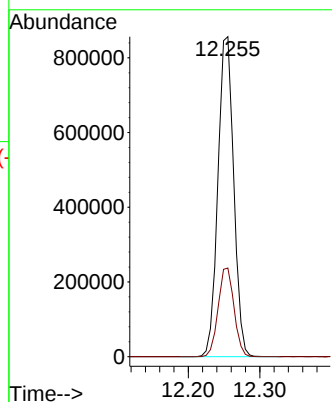
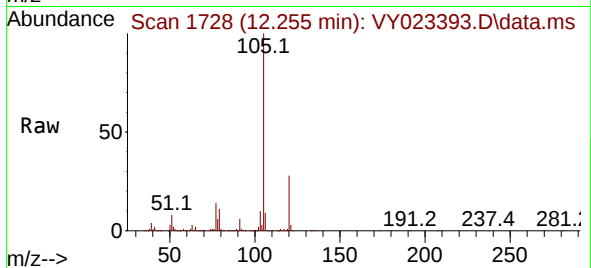
ClientSampleId :

Tgt Ion:105 Resp: 1313693

Ion Ratio Lower Upper

105 100

120 27.8 13.9 41.7



#74

N-ethyl acetate

Concen: 50.405 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Tgt Ion: 43 Resp: 237557

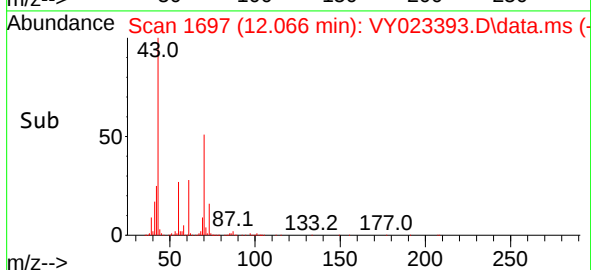
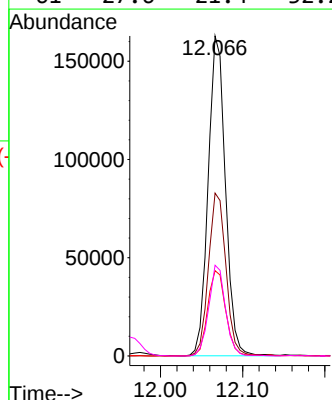
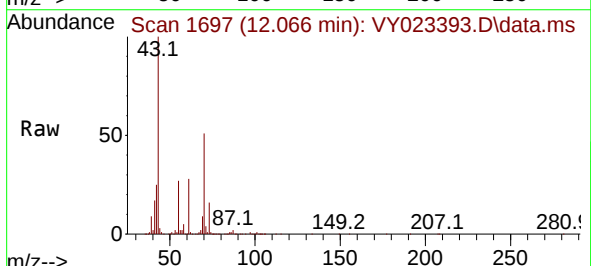
Ion Ratio Lower Upper

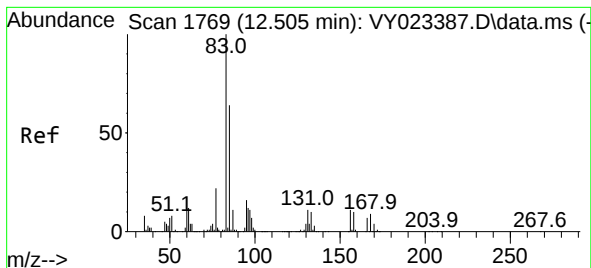
43 100

70 51.7 41.1 61.7

55 27.8 23.0 34.6

61 27.6 21.4 32.2





#75

1,1,2-Tetrachloroethane

Concen: 50.696 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

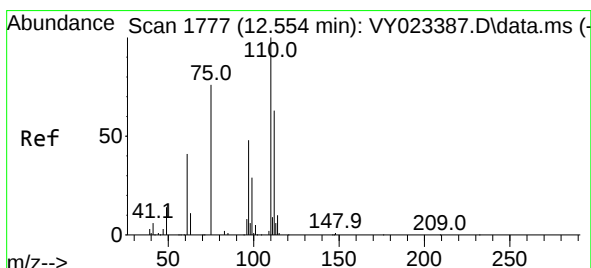
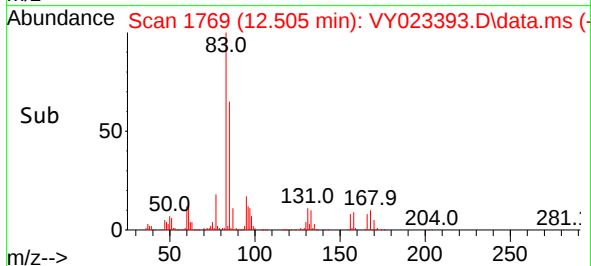
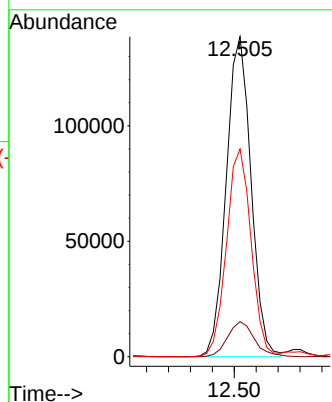
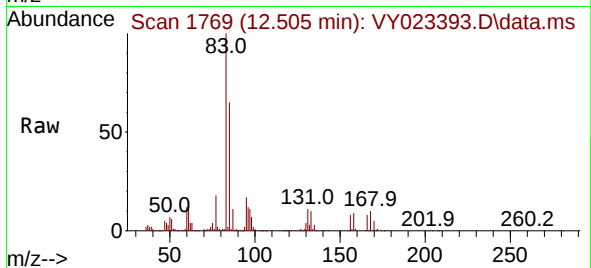
Tgt Ion: 83 Resp: 217564

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.6

85 64.7 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 81.385 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023393.D

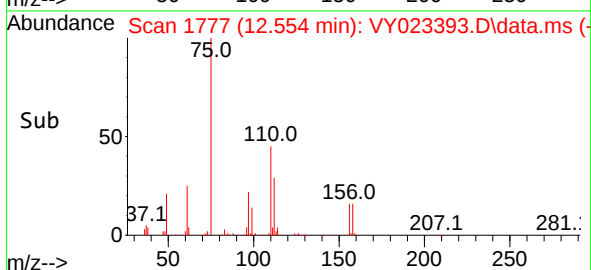
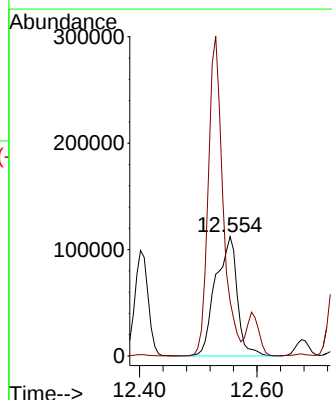
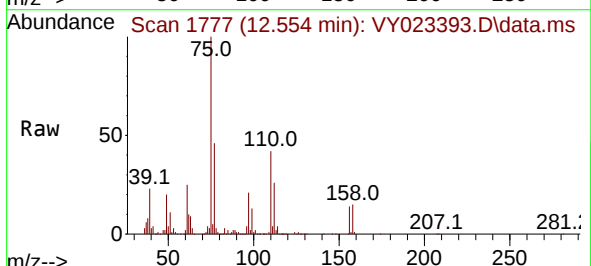
Acq: 08 Oct 2025 08:56

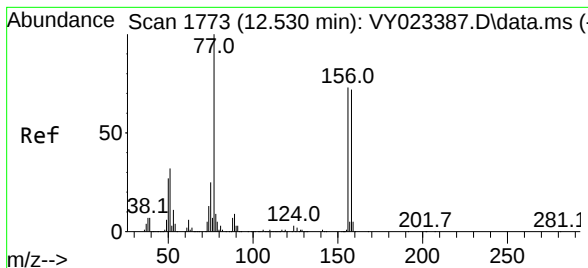
Tgt Ion: 75 Resp: 285890

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.110 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

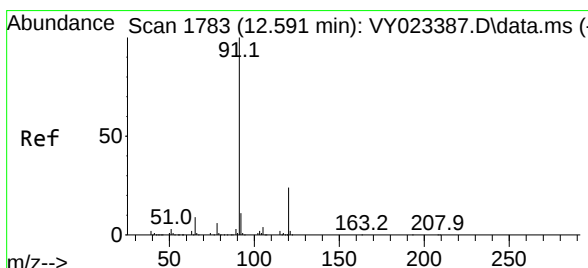
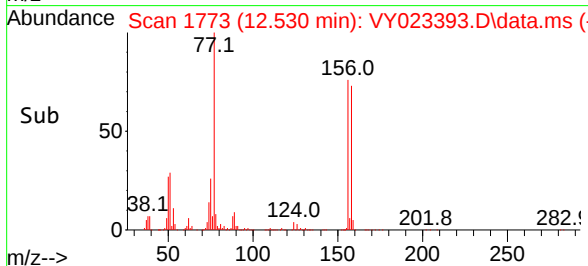
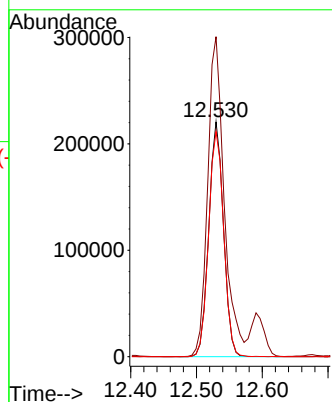
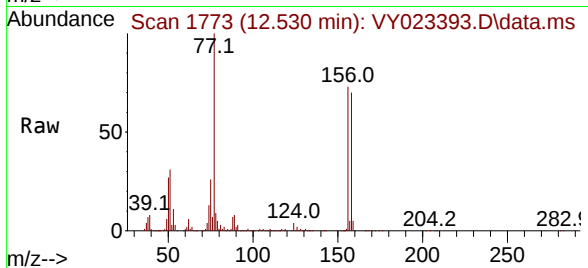
Tgt Ion:156 Resp: 342573

Ion Ratio Lower Upper

156 100

77 153.4 76.8 230.5

158 98.8 49.0 147.2



#78

n-propylbenzene

Concen: 50.653 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023393.D

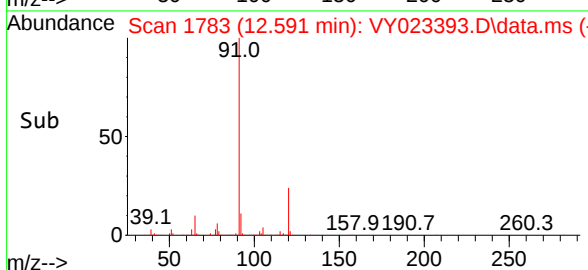
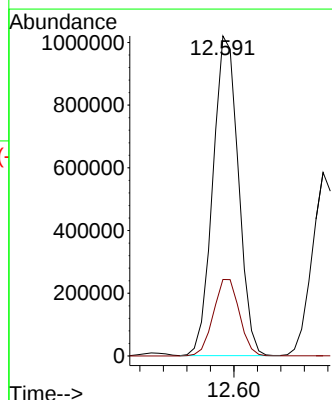
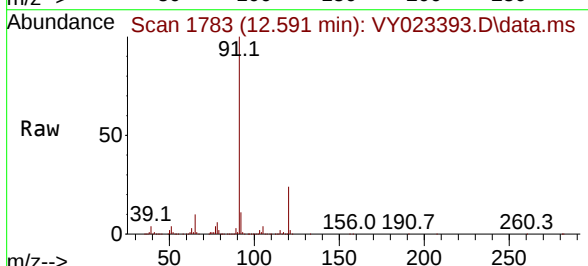
Acq: 08 Oct 2025 08:56

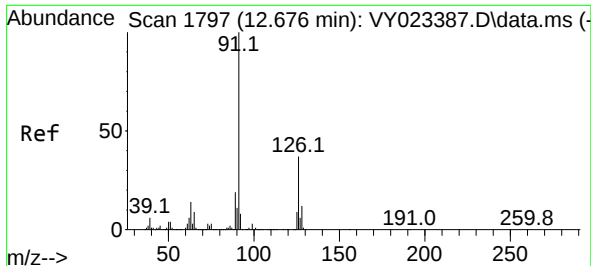
Tgt Ion: 91 Resp: 1538035

Ion Ratio Lower Upper

91 100

120 24.4 12.3 36.8

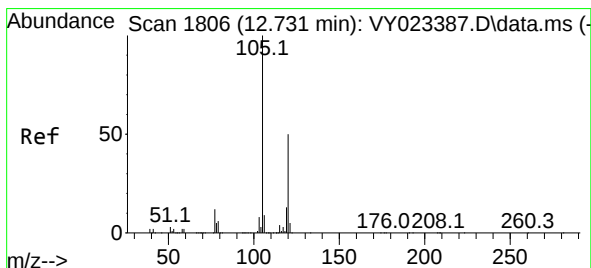
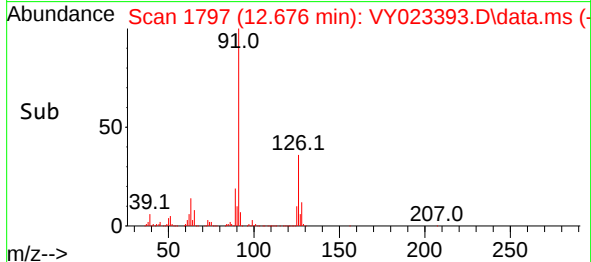
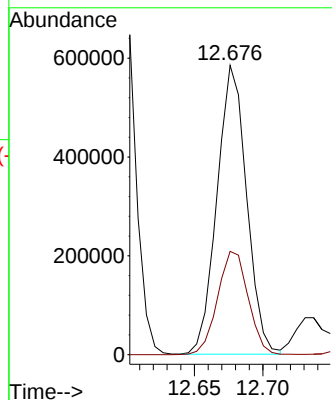
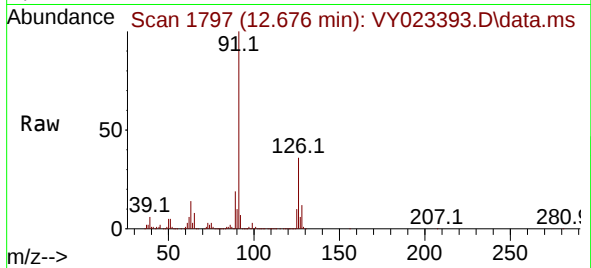




#79
2-Chlorotoluene
Concen: 49.535 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

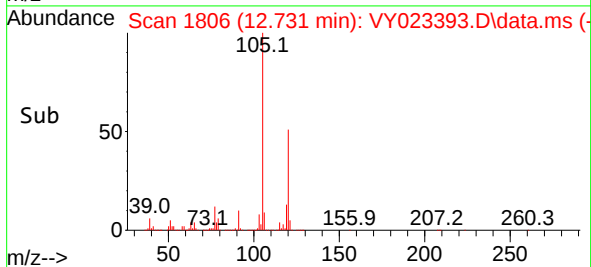
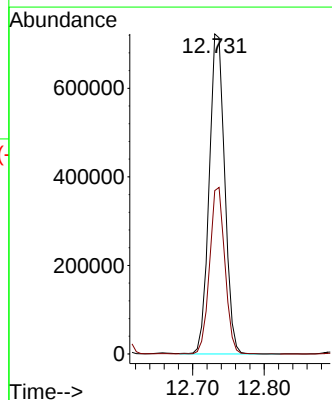
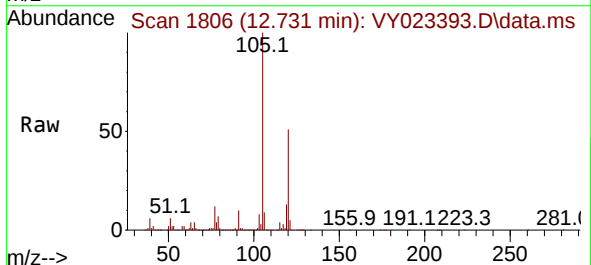
Instrument :
MSVOA_Y
ClientSampleId :

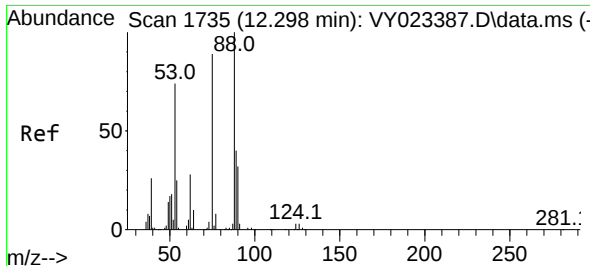
Tgt Ion: 91 Resp: 880787
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 51.308 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 105 Resp: 1087892
Ion Ratio Lower Upper
105 100
120 51.2 25.4 76.4

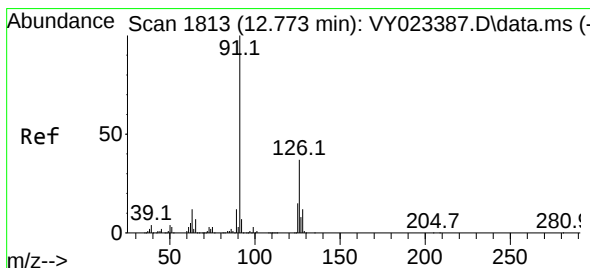
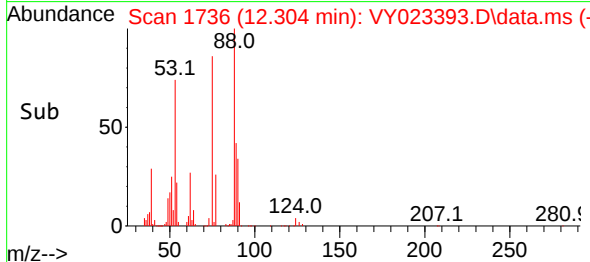
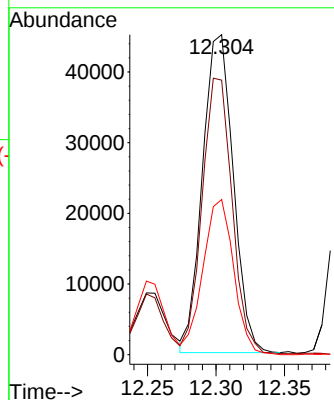
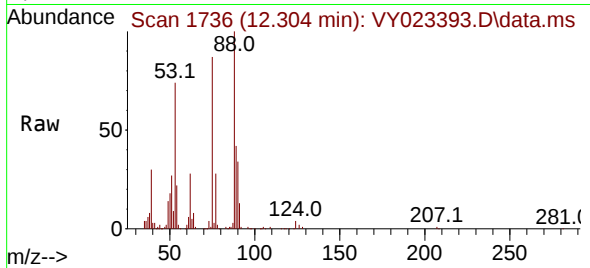




#81
trans-1,4-Dichloro-2-butene
Concen: 49.102 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

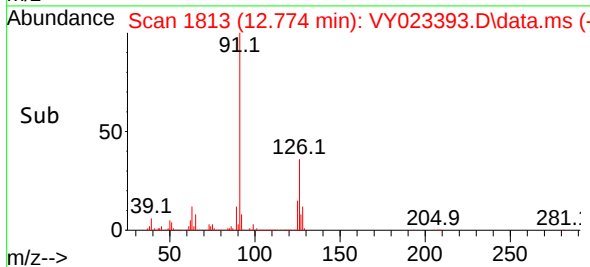
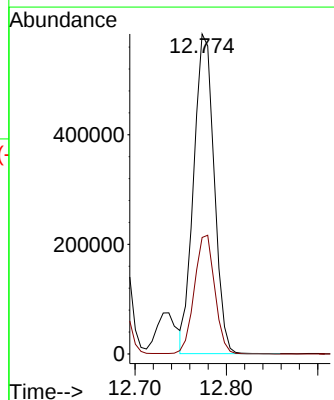
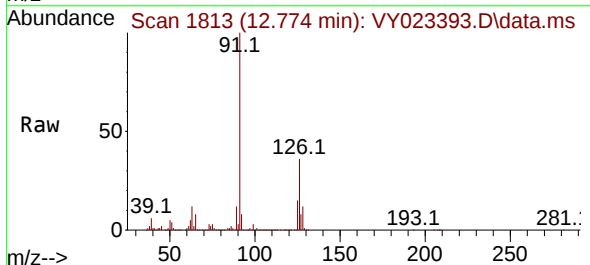
Instrument :
MSVOA_Y
ClientSampleId :

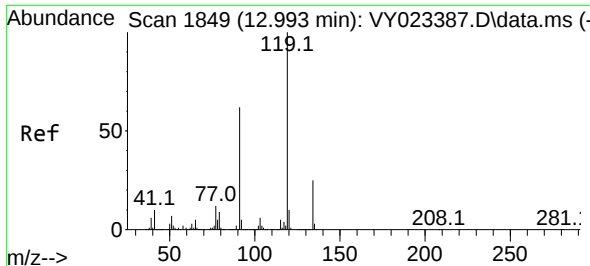
Tgt Ion: 75 Resp: 70340
Ion Ratio Lower Upper
75 100
53 84.5 68.6 102.8
89 48.8 39.0 58.4



#82
4-Chlorotoluene
Concen: 49.498 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion: 91 Resp: 906427
Ion Ratio Lower Upper
91 100
126 37.3 18.4 55.4

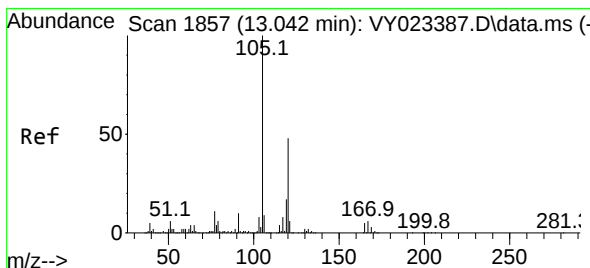
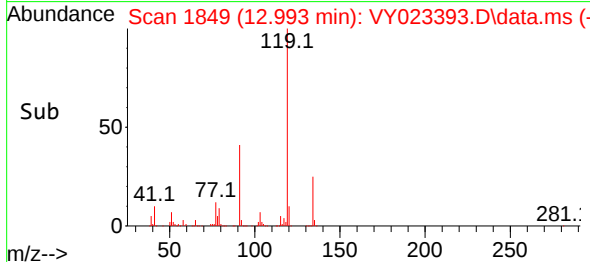
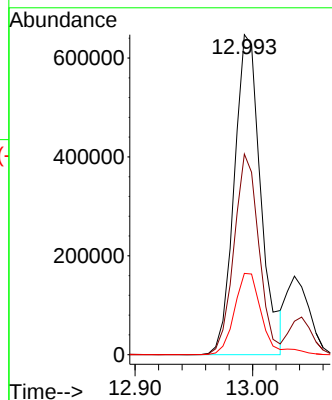
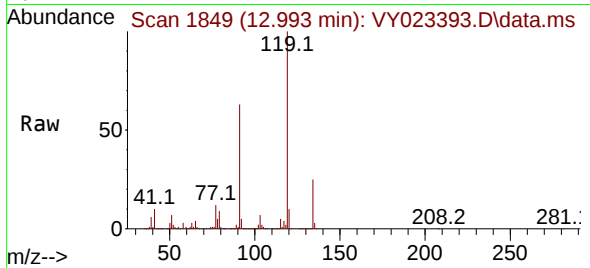




#83
tert-Butylbenzene
Concen: 51.819 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

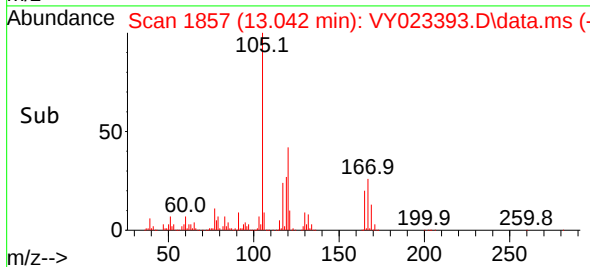
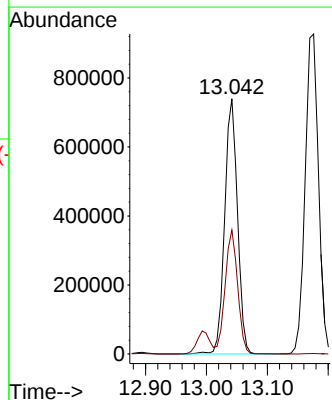
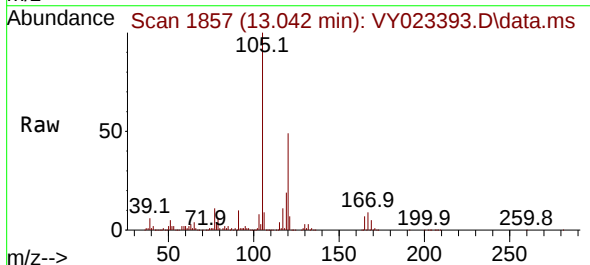
Instrument :
MSVOA_Y
ClientSampleId :

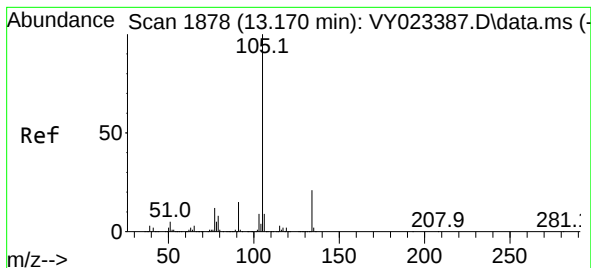
Tgt Ion:119 Resp: 1014465
Ion Ratio Lower Upper
119 100
91 59.1 29.9 89.8
134 26.4 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 51.057 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023393.D
Acq: 08 Oct 2025 08:56

Tgt Ion:105 Resp: 1080389
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.2





#85

sec-Butylbenzene

Concen: 50.042 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

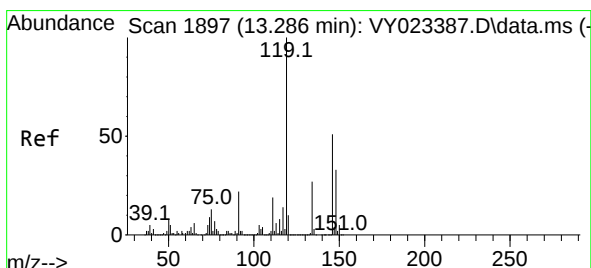
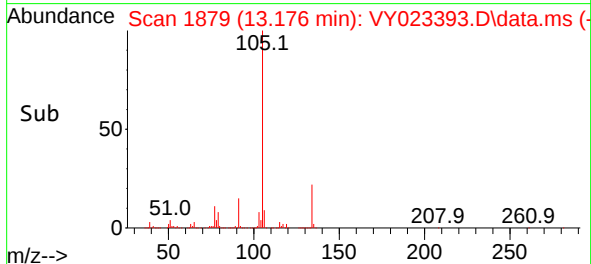
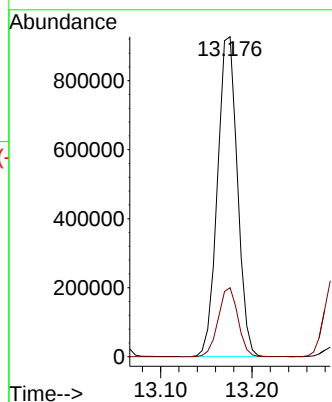
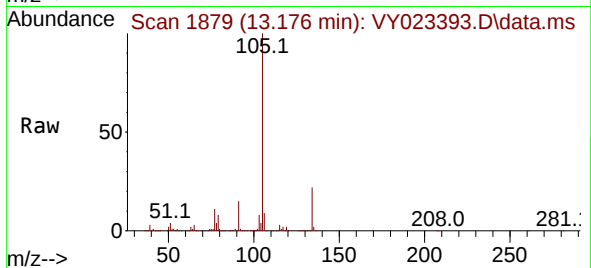
ClientSampleId :

Tgt Ion:105 Resp: 1405332

Ion Ratio Lower Upper

105 100

134 21.4 10.7 32.1



#86

p-Isopropyltoluene

Concen: 51.134 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

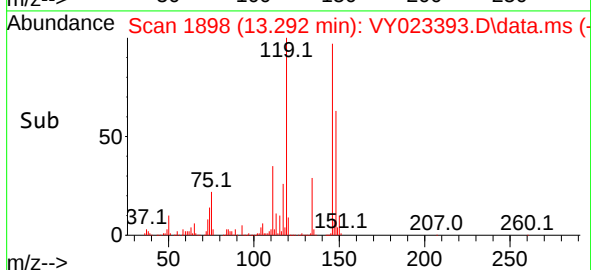
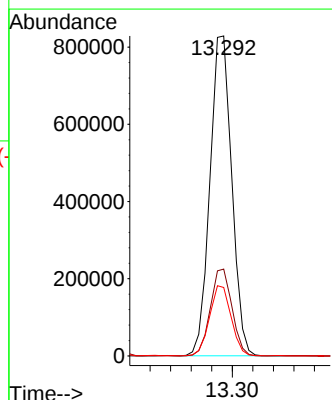
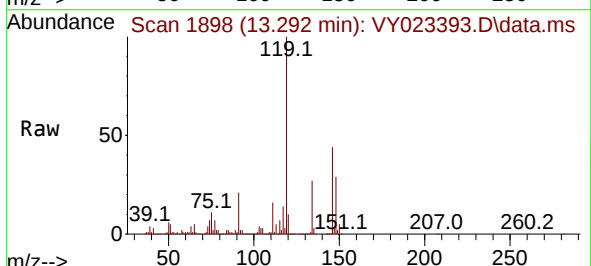
Tgt Ion:119 Resp: 1222639

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 21.6 10.9 32.9

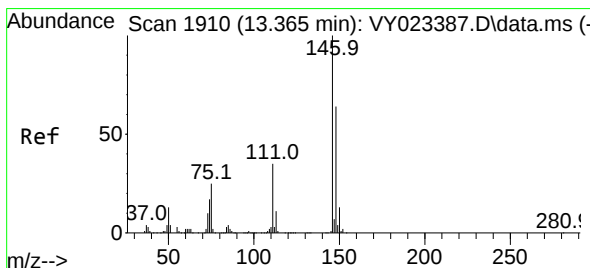
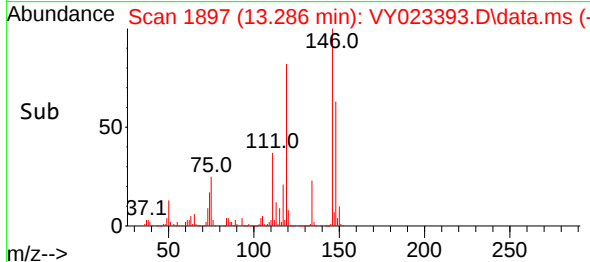
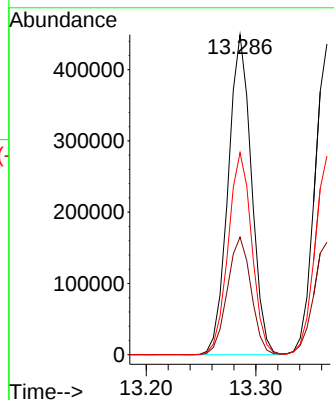
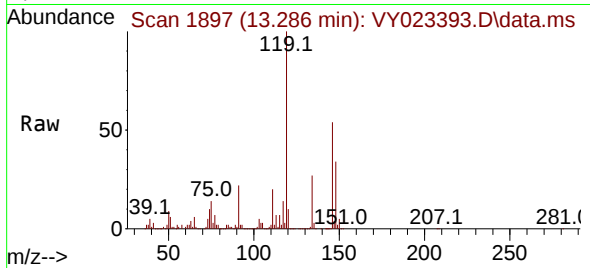




#87
 1,3-Dichlorobenzene
 Concen: 48.785 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023393.D
 Acq: 08 Oct 2025 08:56

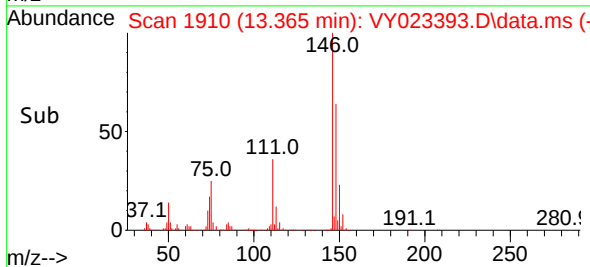
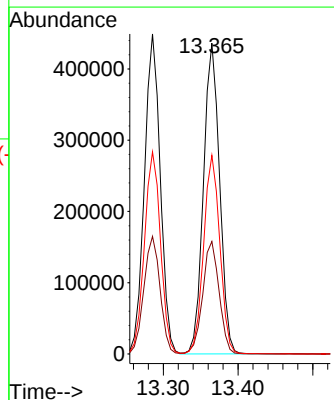
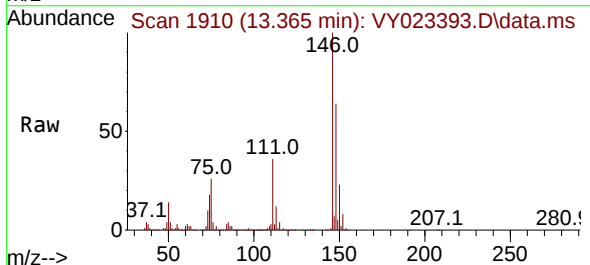
Instrument :
 MSVOA_Y
 ClientSampleId :

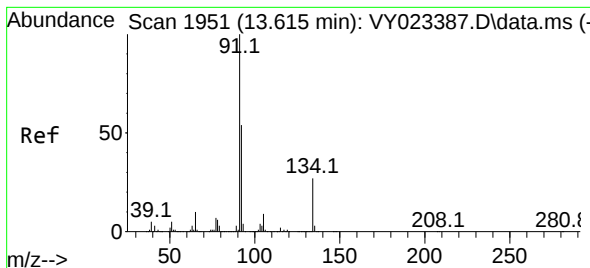
Tgt Ion:146 Resp: 662694
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.846 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023393.D
 Acq: 08 Oct 2025 08:56

Tgt Ion:146 Resp: 655316
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.0 54.0
 148 64.1 31.9 95.7





#89

n-Butylbenzene

Concen: 51.066 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

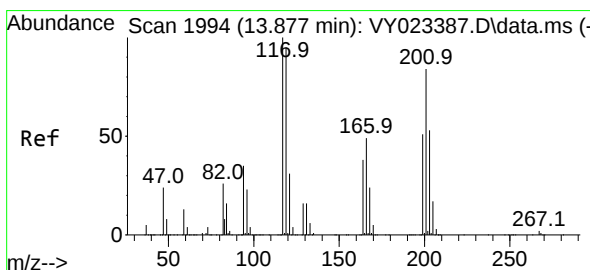
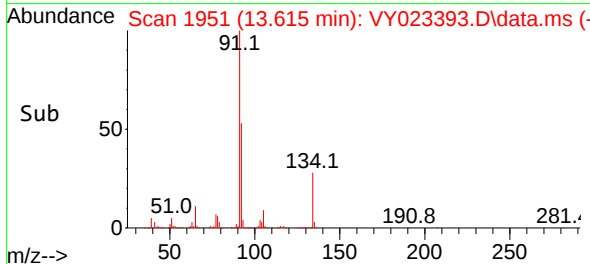
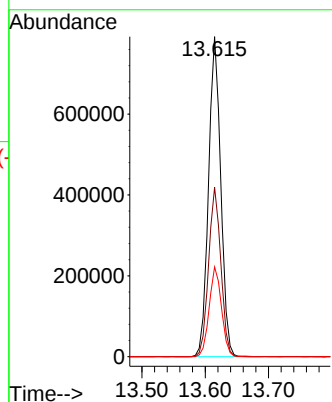
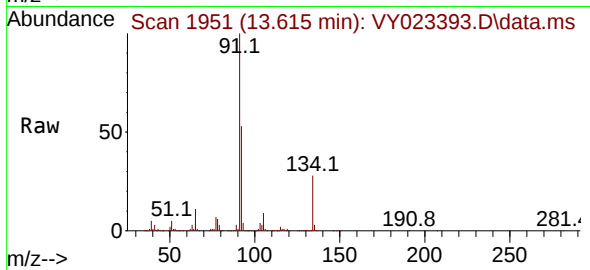
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 1063907

Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	28.2	14.1	42.2



#90

Hexachloroethane

Concen: 49.006 ug/l

RT: 13.877 min Scan# 1994

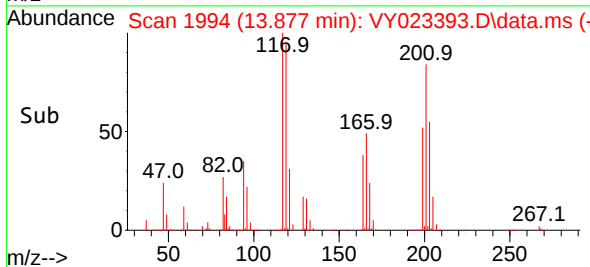
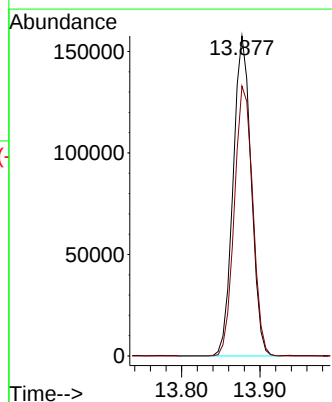
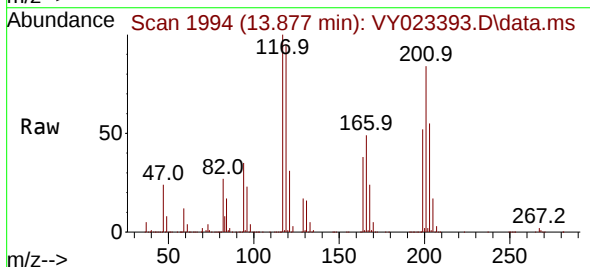
Delta R.T. 0.000 min

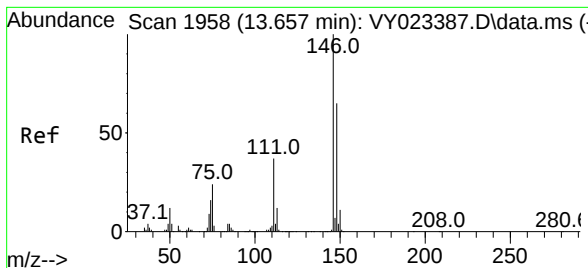
Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Tgt Ion: 117 Resp: 252025

Ion	Ratio	Lower	Upper
117	100		
201	86.0	43.8	131.4





#91

1,2-Dichlorobenzene

Concen: 49.252 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

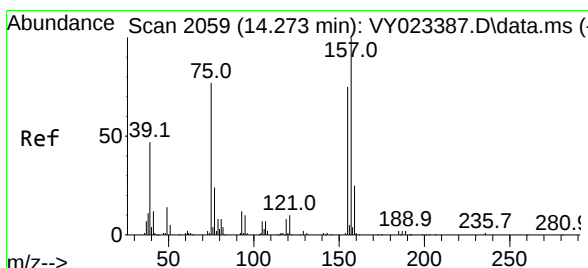
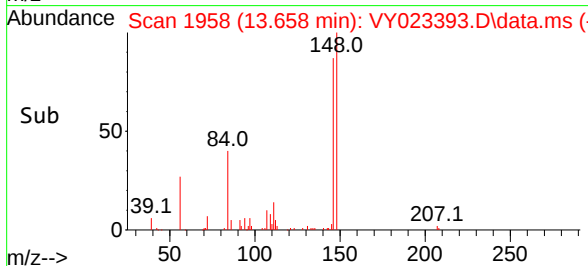
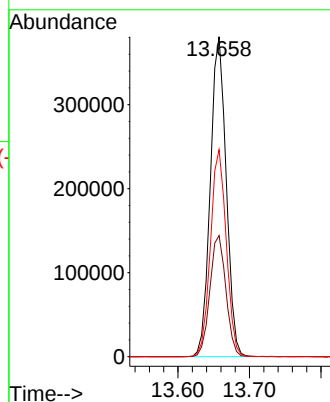
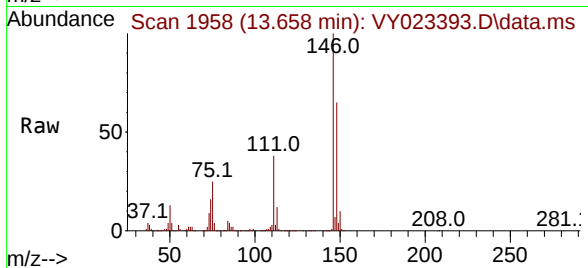
Tgt Ion:146 Resp: 586550

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 64.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.217 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

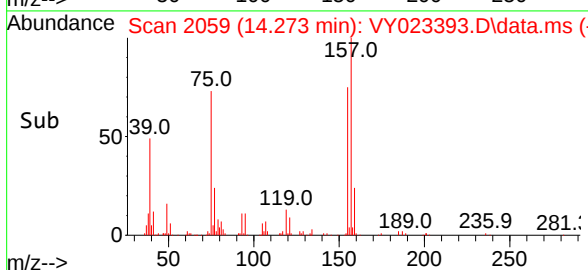
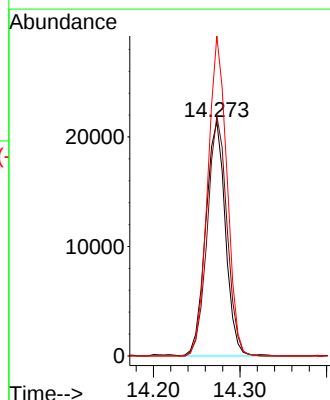
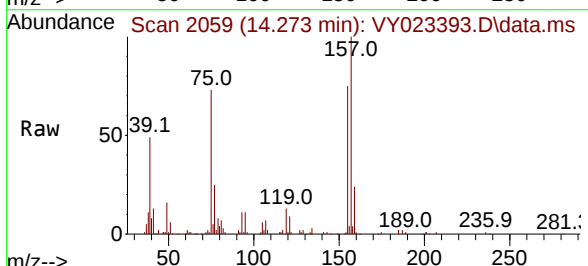
Tgt Ion: 75 Resp: 33953

Ion Ratio Lower Upper

75 100

155 101.2 50.0 150.0

157 132.1 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 50.305 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

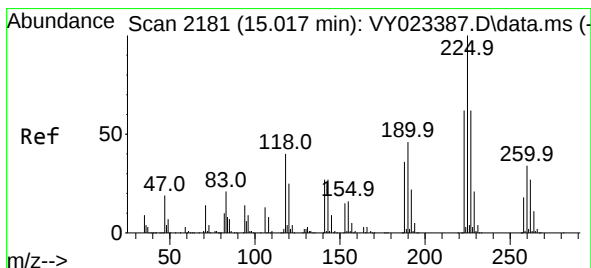
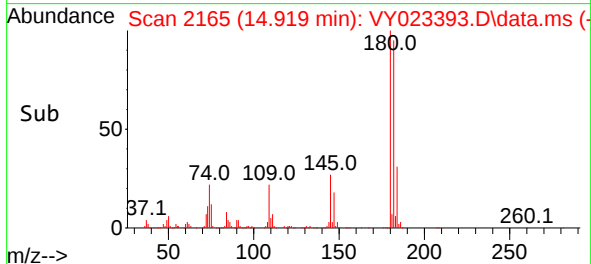
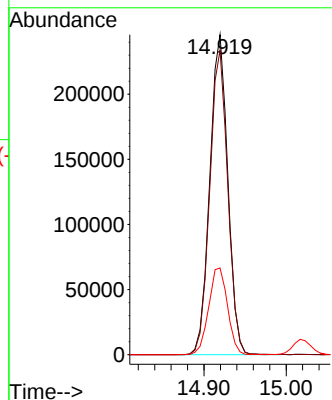
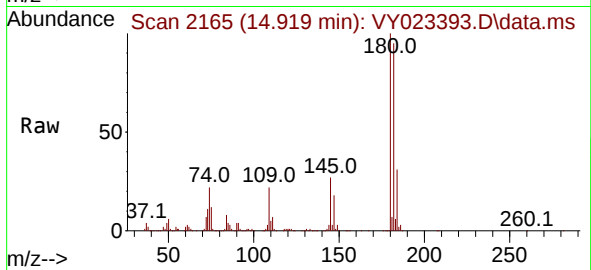
Tgt Ion:180 Resp: 373487

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

145 28.4 14.7 44.1



#94

Hexachlorobutadiene

Concen: 49.016 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

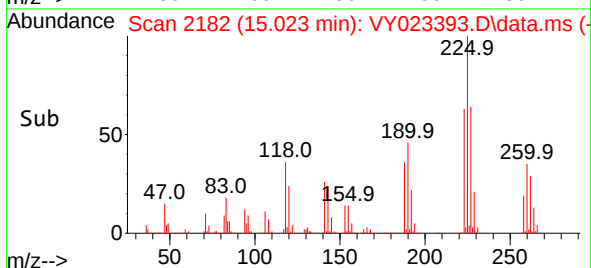
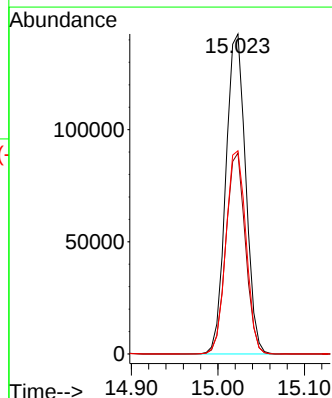
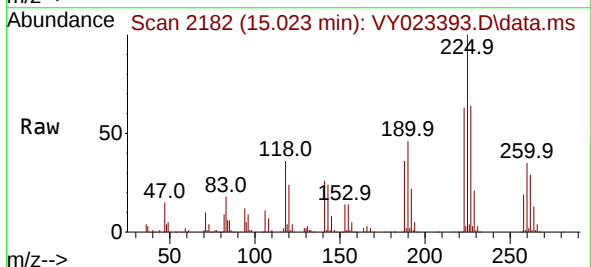
Tgt Ion:225 Resp: 226854

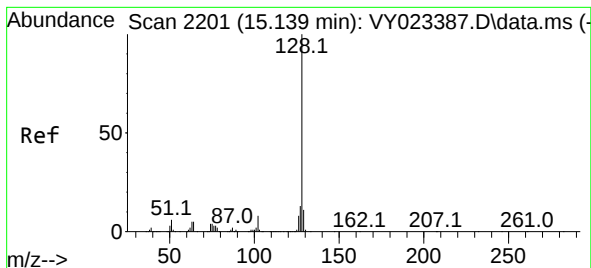
Ion Ratio Lower Upper

225 100

223 61.7 30.8 92.3

227 64.3 31.9 95.7





#95

Naphthalene

Concen: 50.675 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

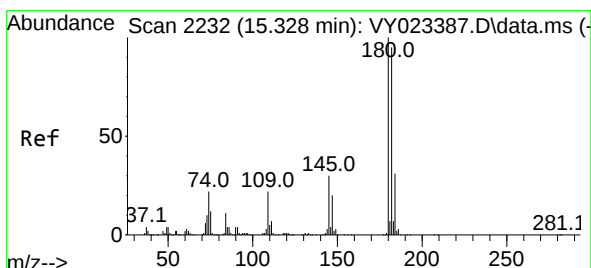
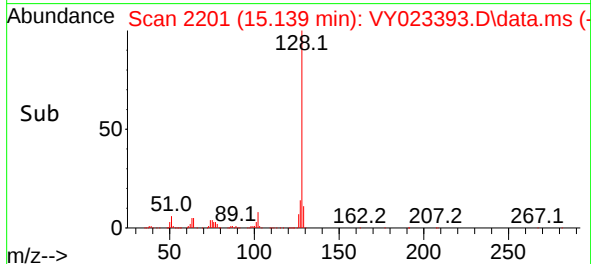
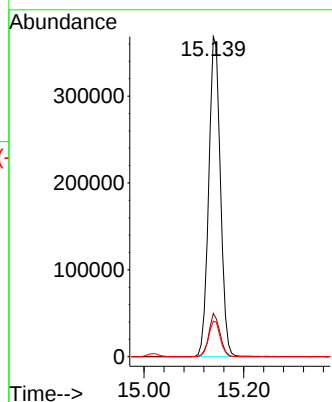
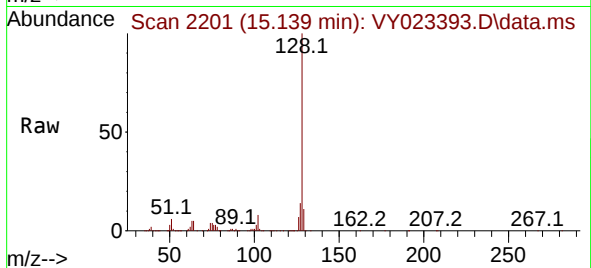
Tgt Ion:128 Resp: 599122

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.756 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023393.D

Acq: 08 Oct 2025 08:56

Tgt Ion:180 Resp: 319976

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 30.6 15.3 45.9

