

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
 Data File : VY023395.D
 Acq On : 08 Oct 2025 09:58
 Operator : SY/MD
 Sample : VY1008SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008SBS01

Quant Time: Oct 09 03:07:08 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	567918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	839162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	741297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	386371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	227074	47.815	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.620%
35) Dibromofluoromethane	7.634	113	251909	48.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.103	98	944969	49.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.402	95	299523	47.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	84880	20.764	ug/l	97
3) Chloromethane	2.068	50	119245	21.414	ug/l	99
4) Vinyl Chloride	2.202	62	151012	20.820	ug/l	97
5) Bromomethane	2.586	94	129967	21.352	ug/l	97
6) Chloroethane	2.733	64	103741	20.983	ug/l	97
7) Trichlorofluoromethane	3.050	101	207637	20.618	ug/l	98
8) Diethyl Ether	3.452	74	52629	19.999	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	108932	20.844	ug/l	98
10) Methyl Iodide	4.001	142	107520	18.481	ug/l	99
11) Tert butyl alcohol	4.842	59	45967	130.108	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	102642	20.261	ug/l	94
13) Acrolein	3.653	56	43922	87.981	ug/l	96
14) Allyl chloride	4.379	41	123890	20.066	ug/l	98
15) Acrylonitrile	5.055	53	96975	96.293	ug/l	99
16) Acetone	3.867	43	149301	132.056	ug/l	98
17) Carbon Disulfide	4.104	76	295861	20.405	ug/l	99
18) Methyl Acetate	4.385	43	48783	16.449	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	240292	19.735	ug/l	97
20) Methylene Chloride	4.616	84	126108	20.628	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	114227	20.480	ug/l	96
22) Diisopropyl ether	6.019	45	277352	20.309	ug/l	97
23) Vinyl Acetate	5.964	43	757304	102.449	ug/l	99
24) 1,1-Dichloroethane	5.915	63	183541	20.289	ug/l	99
25) 2-Butanone	6.890	43	162666	117.851	ug/l	95
26) 2,2-Dichloropropane	6.884	77	178743	21.533	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	133544	20.728	ug/l	98
28) Bromochloromethane	7.250	49	69264	20.510	ug/l	100
29) Tetrahydrofuran	7.262	42	72485	92.608	ug/l	99
30) Chloroform	7.421	83	206586	20.785	ug/l	98
31) Cyclohexane	7.701	56	156590	19.821	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	183531	20.319	ug/l	99
36) 1,1-Dichloropropene	7.835	75	139794	20.479	ug/l	99
37) Ethyl Acetate	6.982	43	52735	19.500	ug/l	96
38) Carbon Tetrachloride	7.817	117	168178	20.318	ug/l	97
39) Methylcyclohexane	9.109	83	178007	20.028	ug/l	98
40) Benzene	8.079	78	442582	20.472	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	26520	18.131	ug/l #	93
42) 1,2-Dichloroethane	8.158	62	110921	19.895	ug/l	100
43) Isopropyl Acetate	8.195	43	104802	19.434	ug/l	99
44) Trichloroethene	8.866	130	130072	20.557	ug/l	97
45) 1,2-Dichloropropane	9.140	63	97963	20.516	ug/l	99
46) Dibromomethane	9.231	93	60971	20.193	ug/l	99
47) Bromodichloromethane	9.420	83	154730	20.347	ug/l	97
48) Methyl methacrylate	9.219	41	48656	19.206	ug/l	99
49) 1,4-Dioxane	9.225	88	13107	374.406	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	272076	97.651	ug/l	99
52) Toluene	10.170	92	288927	20.584	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	131854	19.941	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	160832	20.609	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	82044	20.206	ug/l	95
56) Ethyl methacrylate	10.438	69	89453	19.099	ug/l	99
57) 1,3-Dichloropropane	10.719	76	129106	20.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	198661	94.685	ug/l	100
59) 2-Hexanone	10.762	43	216070	108.516	ug/l	99
60) Dibromochloromethane	10.908	129	113817	19.994	ug/l	100
61) 1,2-Dibromoethane	11.012	107	75825	19.581	ug/l	100
64) Tetrachloroethene	10.646	164	162112	21.179	ug/l	97
65) Chlorobenzene	11.438	112	326171	20.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	113096	19.684	ug/l	98
67) Ethyl Benzene	11.518	91	521976	20.001	ug/l	98
68) m/p-Xylenes	11.627	106	424368	40.540	ug/l	99
69) o-Xylene	11.957	106	194851	19.845	ug/l	99
70) Styrene	11.969	104	325494	20.159	ug/l	100
71) Bromoform	12.133	173	68848	19.318	ug/l #	99
73) Isopropylbenzene	12.255	105	510333	20.043	ug/l	100
74) N-amyl acetate	12.072	43	86446	18.902	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	78057	18.743	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	108174	31.734	ug/l #	100
77) Bromobenzene	12.530	156	135714	20.049	ug/l	98
78) n-propylbenzene	12.591	91	597545	20.280	ug/l	100
79) 2-Chlorotoluene	12.676	91	347355	20.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	419996	20.412	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	26132	18.798	ug/l	96
82) 4-Chlorotoluene	12.773	91	356529	20.063	ug/l	100
83) tert-Butylbenzene	12.999	119	383051	20.163	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	415665	20.243	ug/l	100
85) sec-Butylbenzene	13.176	105	551210	20.227	ug/l	99
86) p-Isopropyltoluene	13.292	119	465623	20.068	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	262589	19.921	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	257711	19.795	ug/l	99
89) n-Butylbenzene	13.615	91	404933	20.029	ug/l	99
90) Hexachloroethane	13.877	117	100974	20.233	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	228549	19.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12655	18.520	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	138161	19.176	ug/l	99
94) Hexachlorobutadiene	15.023	225	89540	19.937	ug/l	97
95) Naphthalene	15.145	128	203940	17.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	120494	19.308	ug/l	98

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Response via : Initial Calibration

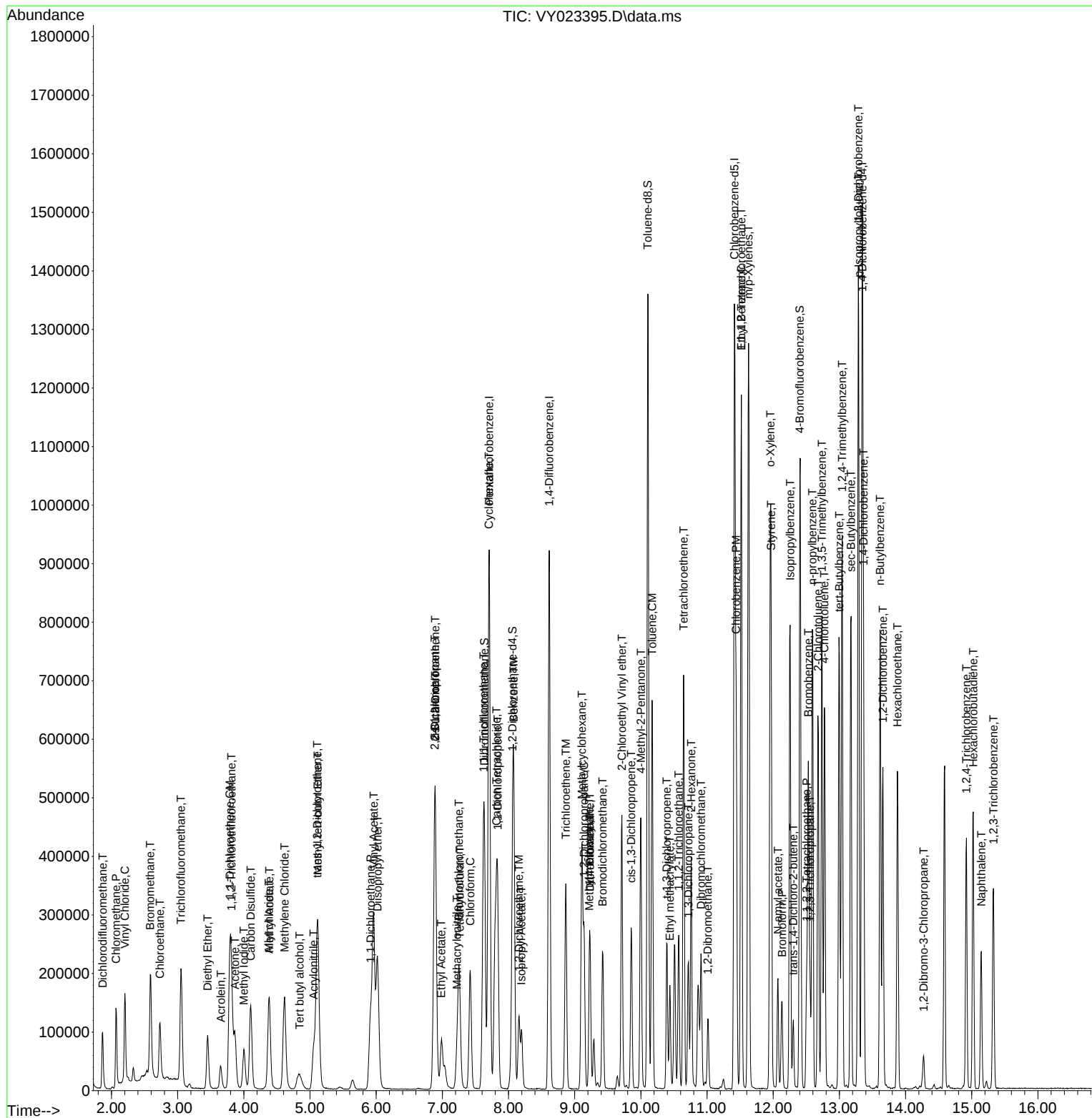
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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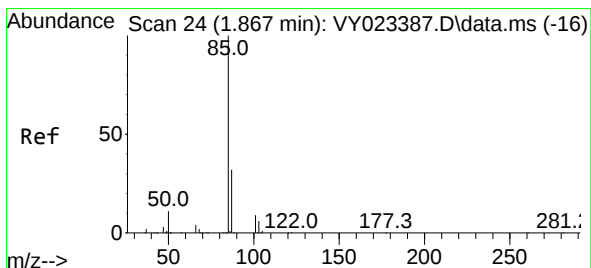
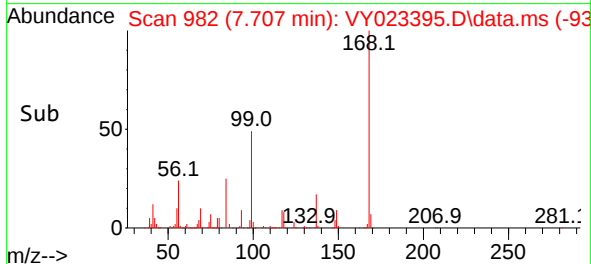
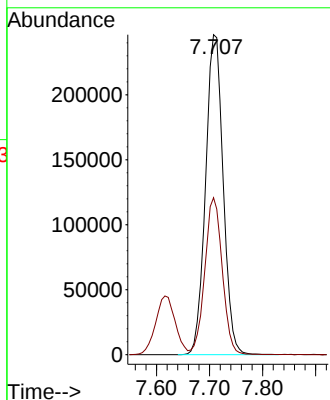
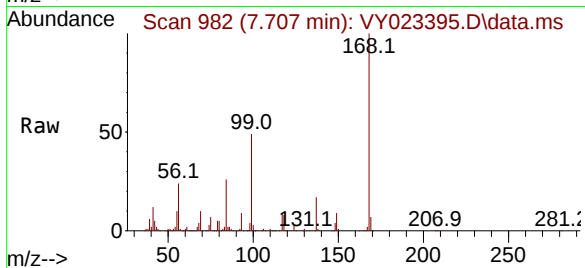




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023395.D
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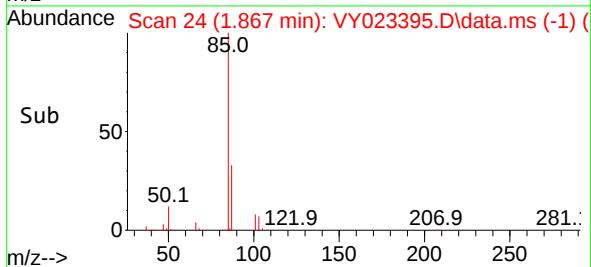
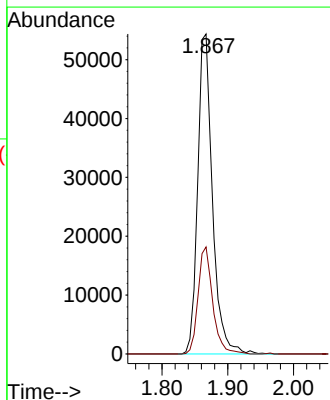
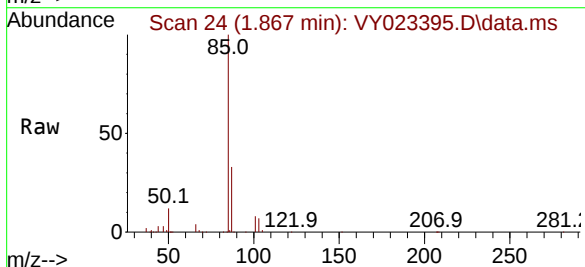
Instrument :
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ClientSampleId :
VY1008SBS01

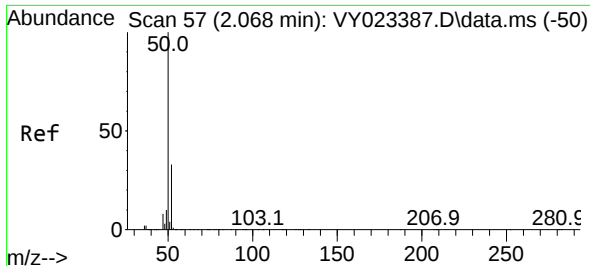
Tgt Ion:168 Resp: 567918
Ion Ratio Lower Upper
168 100
99 49.0 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 20.764 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 85 Resp: 84880
Ion Ratio Lower Upper
85 100
87 33.4 16.0 47.9

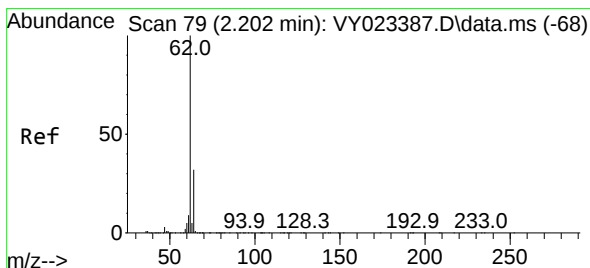
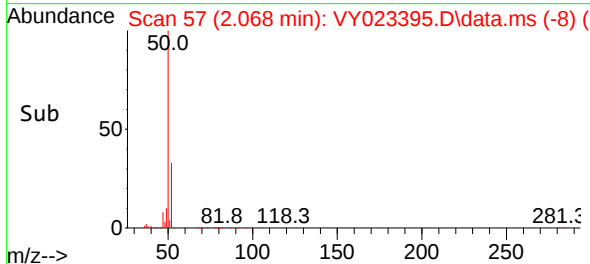
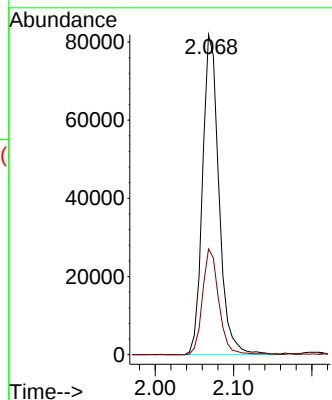
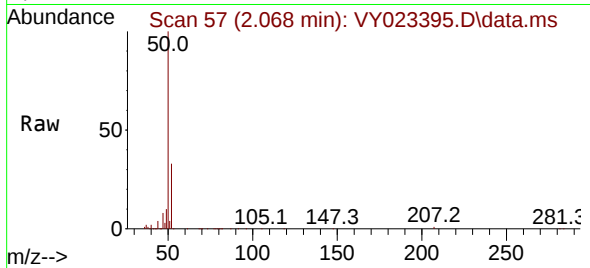




#3
Chloromethane
Concen: 21.414 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

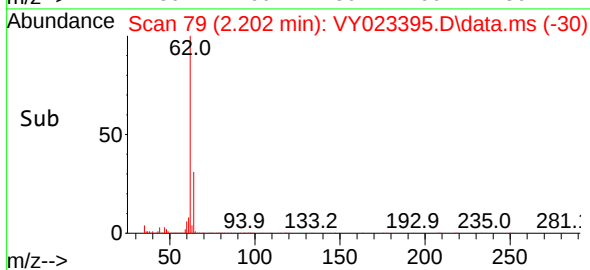
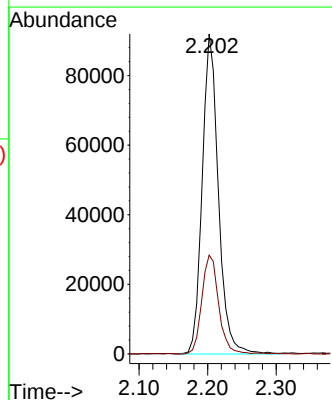
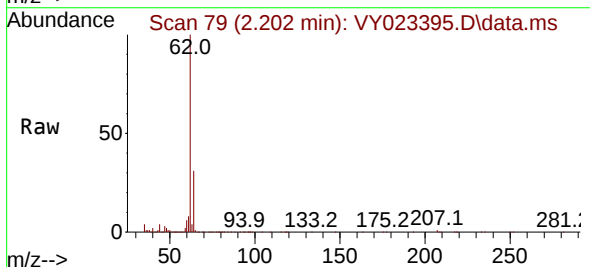
Instrument :
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ClientSampleId :
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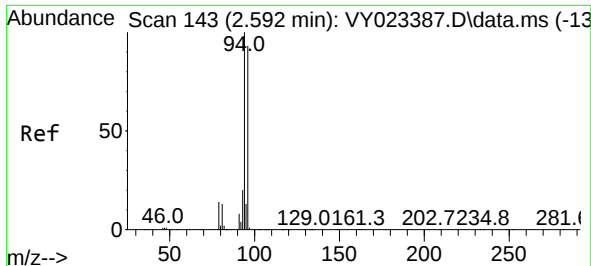
Tgt Ion: 50 Resp: 119245
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 20.820 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 62 Resp: 151012
Ion Ratio Lower Upper
62 100
64 30.9 25.8 38.8

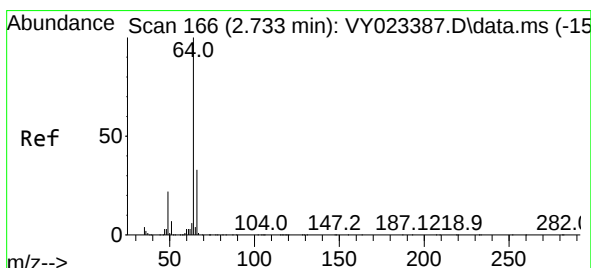
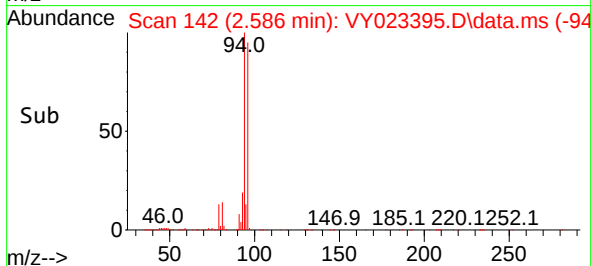
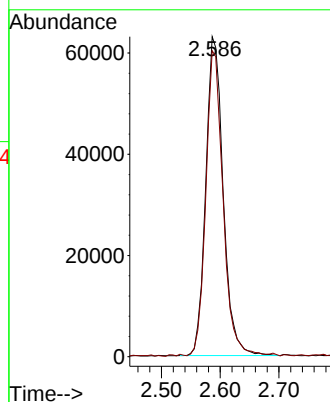
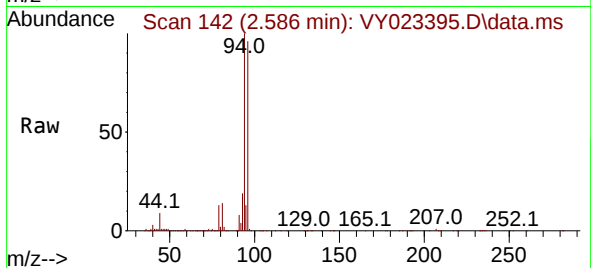




#5
Bromomethane
Concen: 21.352 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

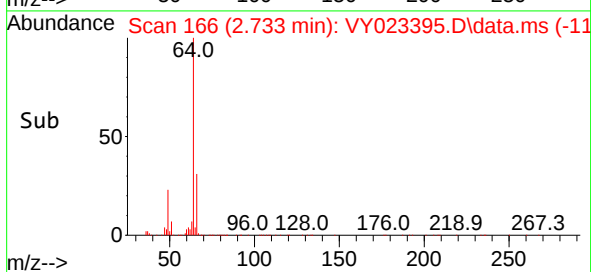
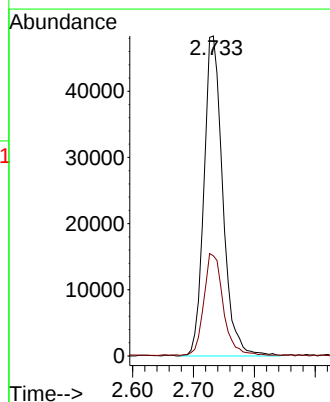
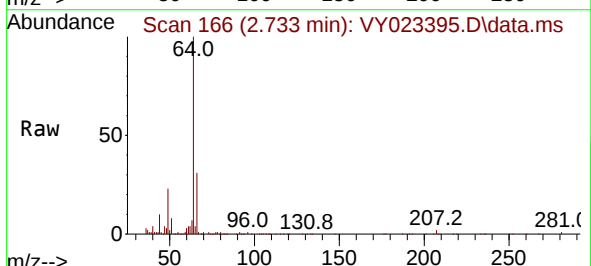
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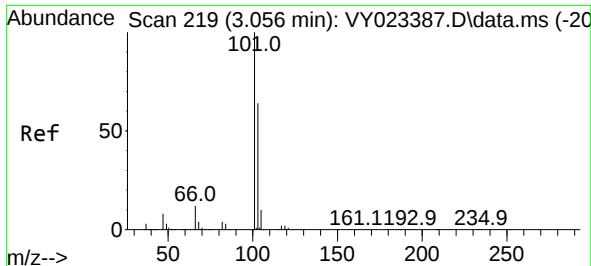
Tgt Ion: 94 Resp: 129967
Ion Ratio Lower Upper
94 100
96 95.7 74.5 111.7



#6
Chloroethane
Concen: 20.983 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 64 Resp: 103741
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.4

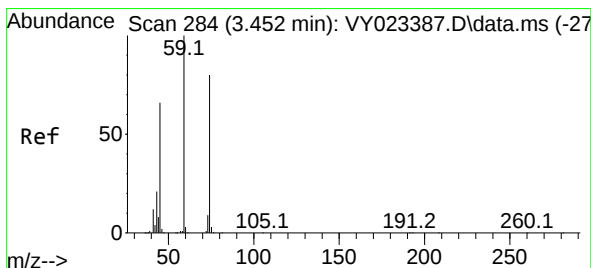
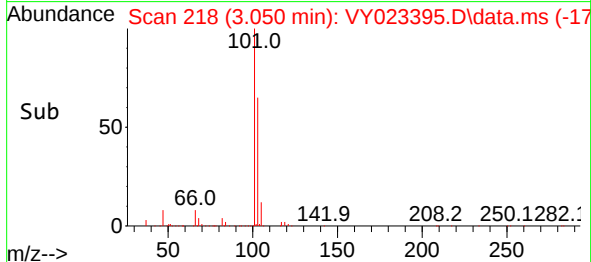
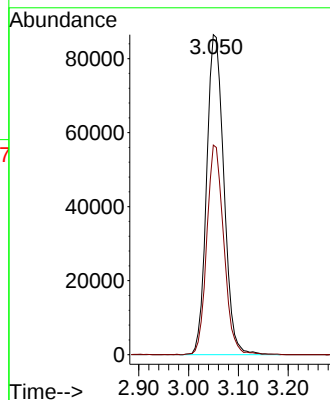
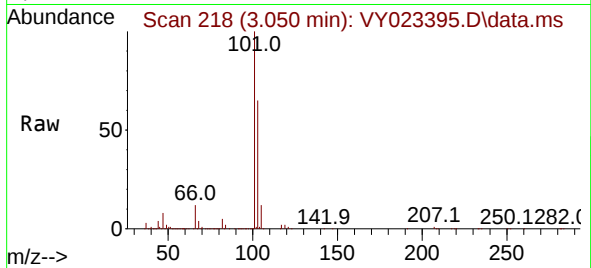




#7
Trichlorofluoromethane
Concen: 20.618 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

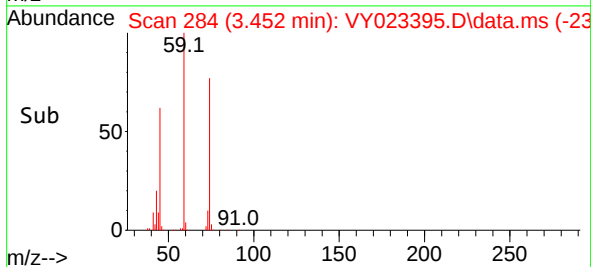
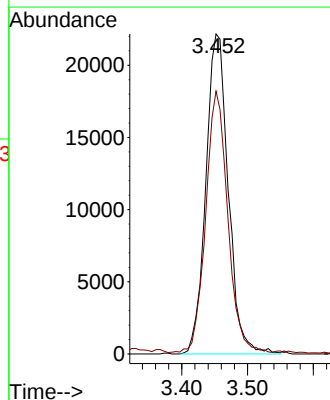
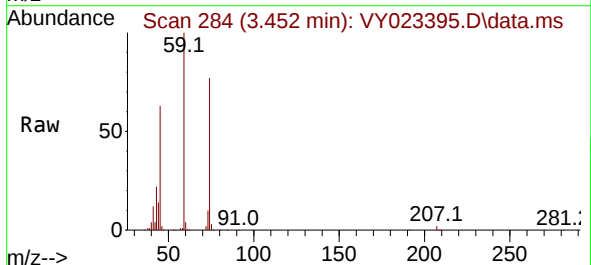
Instrument :
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Tgt Ion:101 Resp: 207637
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9



#8
Diethyl Ether
Concen: 19.999 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 74 Resp: 52629
Ion Ratio Lower Upper
74 100
45 79.4 39.9 119.7

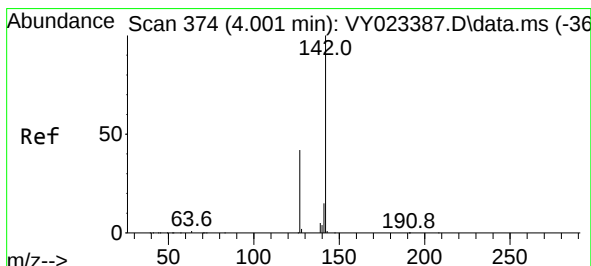
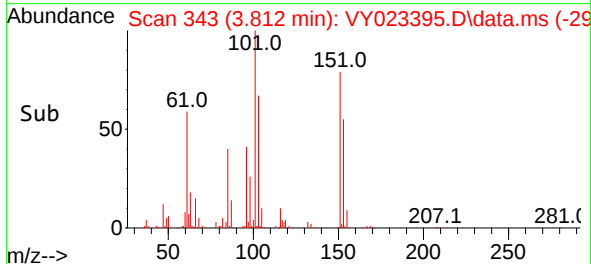
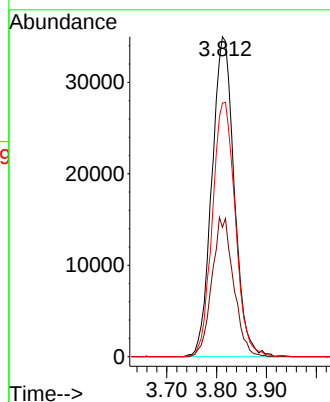
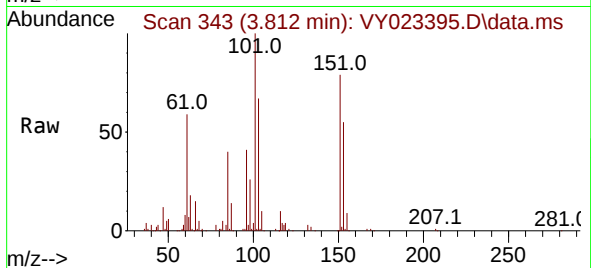




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.844 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

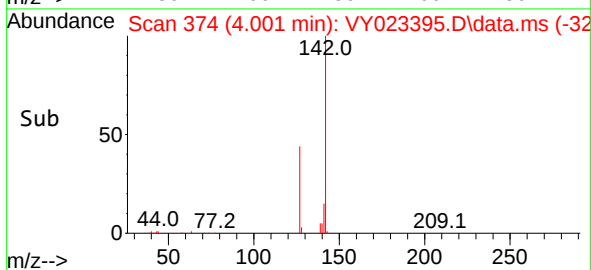
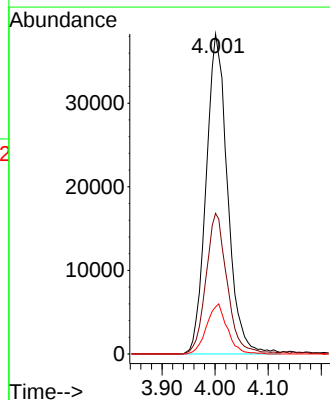
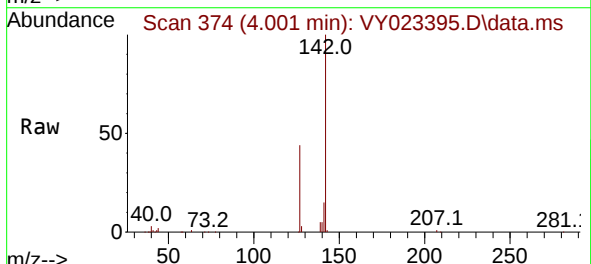
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

Tgt Ion:101 Resp: 108932
Ion Ratio Lower Upper
101 100
85 42.2 34.6 51.8
151 81.4 67.0 100.6



#10
Methyl Iodide
Concen: 18.481 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion:142 Resp: 107520
Ion Ratio Lower Upper
142 100
127 43.6 34.8 52.2
141 15.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 130.108 ug/l

RT: 4.842 min Scan# 515

Delta R.T. -0.018 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

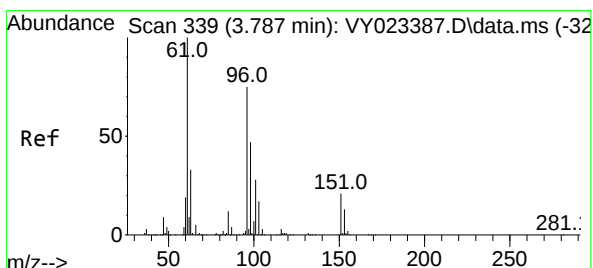
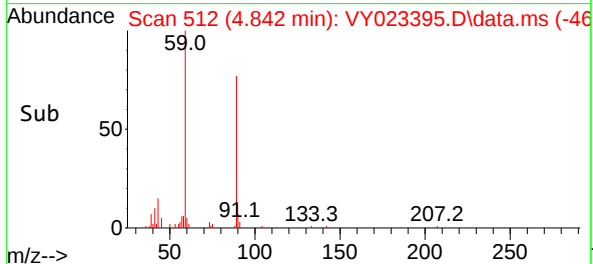
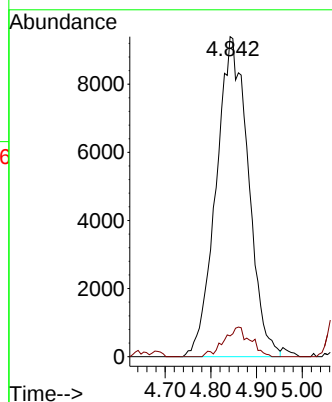
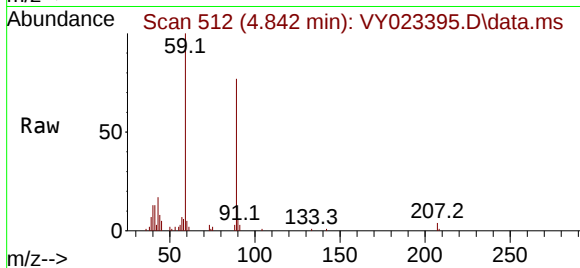
VY1008SBS01

Tgt Ion: 59 Resp: 45967

Ion Ratio Lower Upper

59 100

57 7.5 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 20.261 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

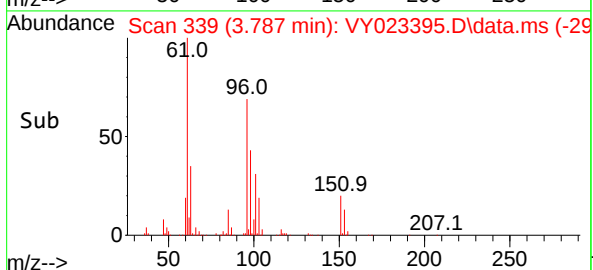
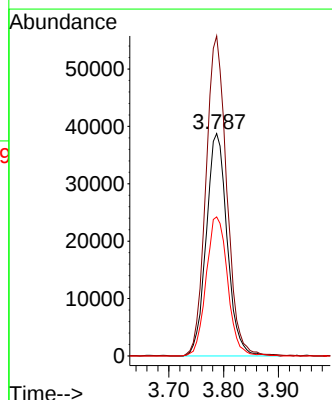
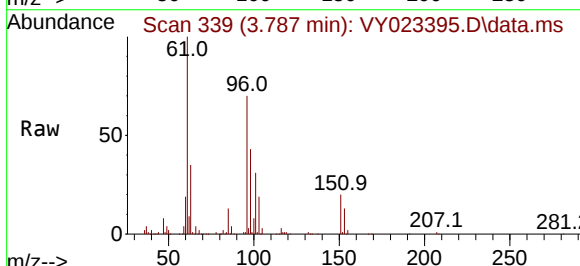
Tgt Ion: 96 Resp: 102642

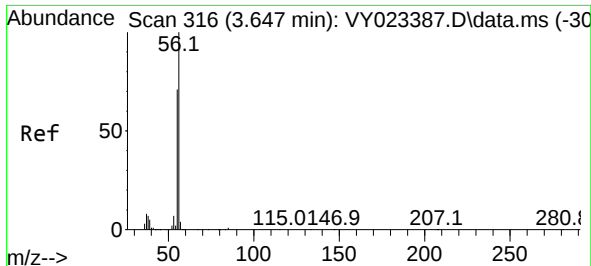
Ion Ratio Lower Upper

96 100

61 143.8 106.7 160.1

98 62.5 50.2 75.4

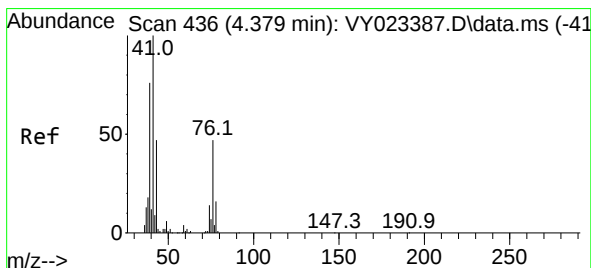
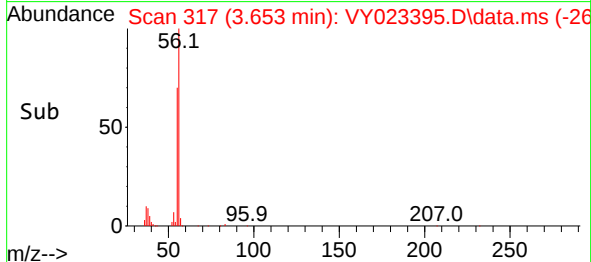
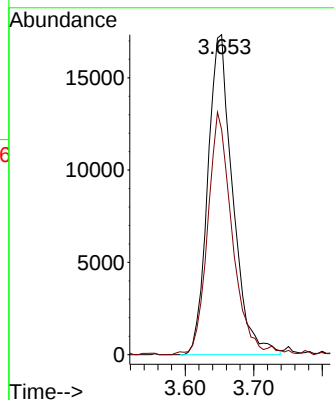
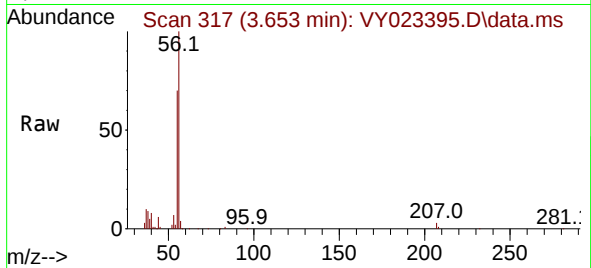




#13
Acrolein
Concen: 87.981 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

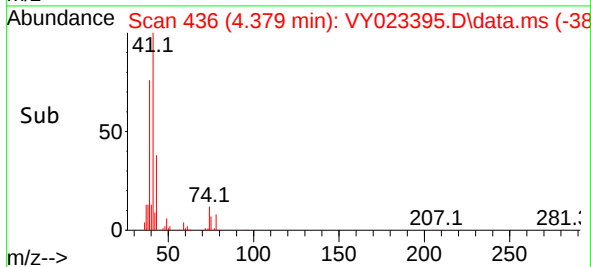
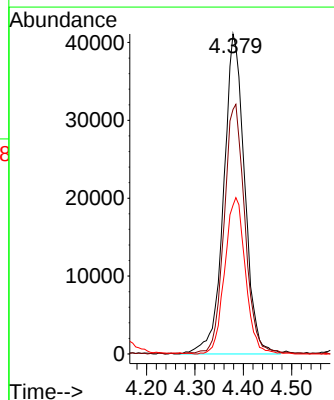
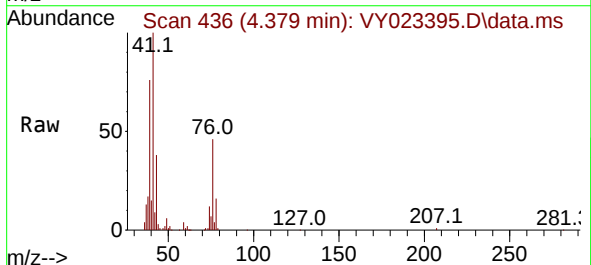
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

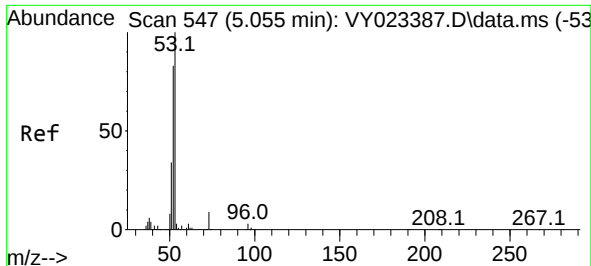
Tgt Ion: 56 Resp: 43922
Ion Ratio Lower Upper
56 100
55 73.4 56.1 84.1



#14
Allyl chloride
Concen: 20.066 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 41 Resp: 123890
Ion Ratio Lower Upper
41 100
39 77.5 59.9 89.9
76 48.1 38.0 57.0

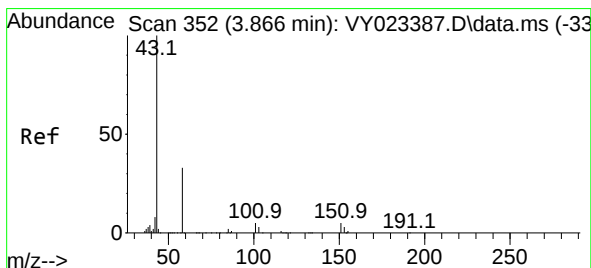
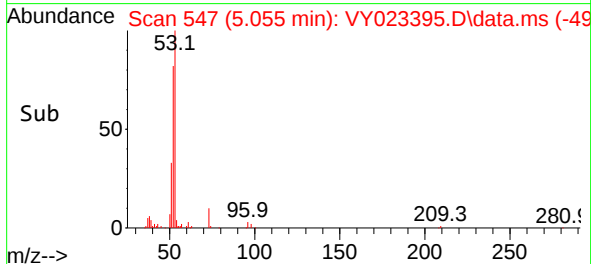
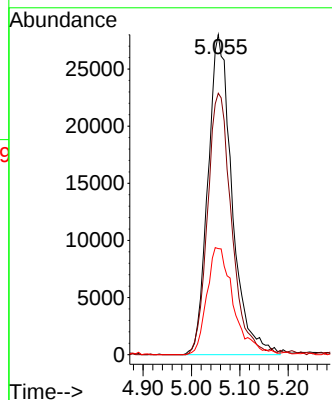
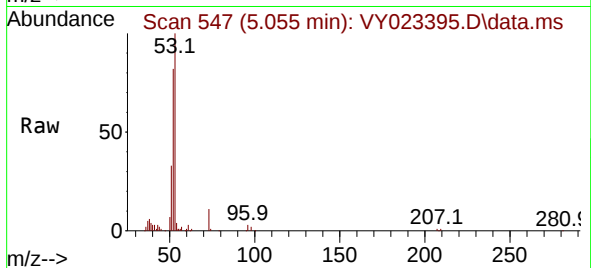




#15
Acrylonitrile
Concen: 96.293 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

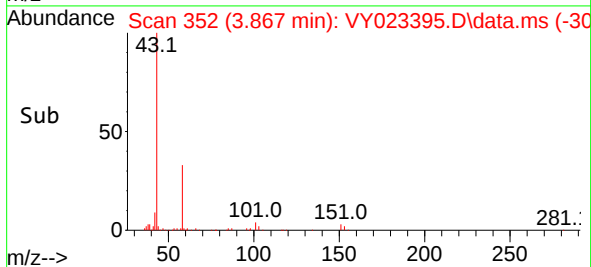
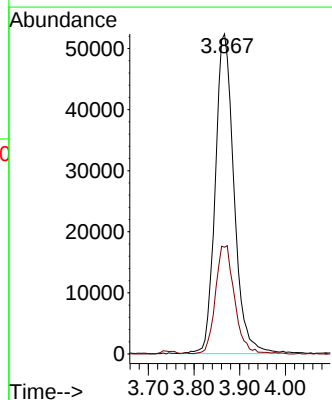
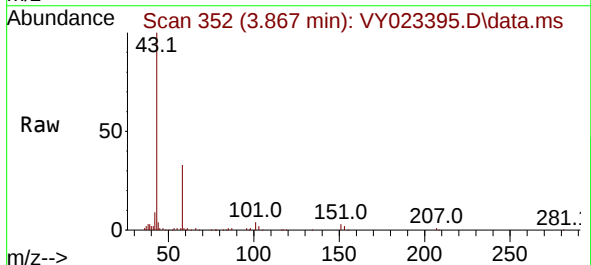
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

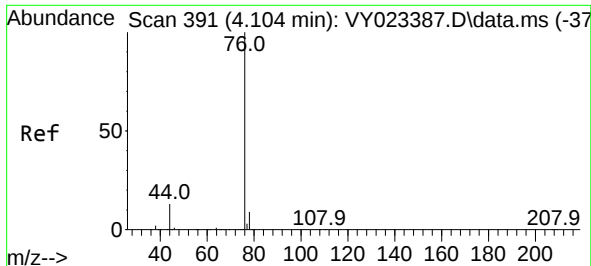
Tgt Ion: 53 Resp: 96975
Ion Ratio Lower Upper
53 100
52 81.5 64.6 97.0
51 37.0 29.5 44.3



#16
Acetone
Concen: 132.056 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 43 Resp: 149301
Ion Ratio Lower Upper
43 100
58 33.2 27.7 41.5

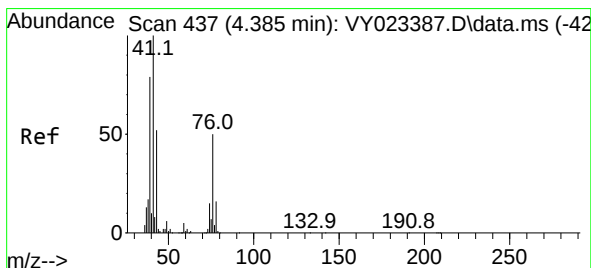
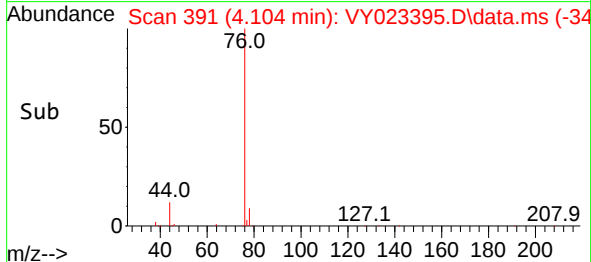
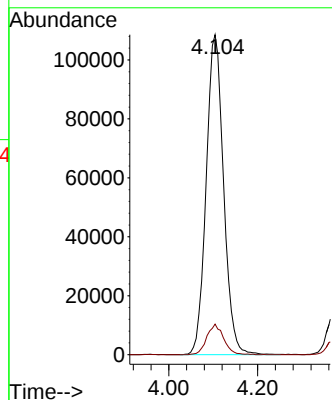
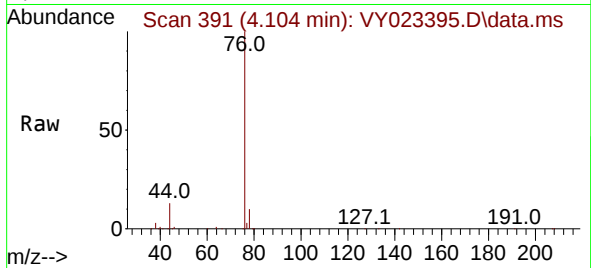




#17
Carbon Disulfide
Concen: 20.405 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

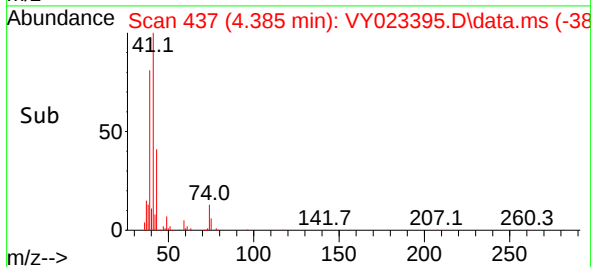
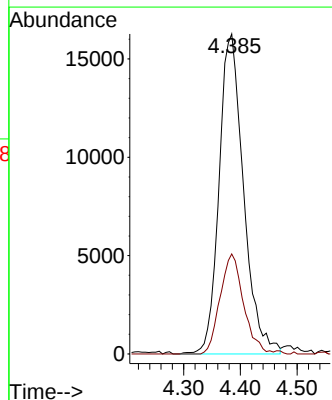
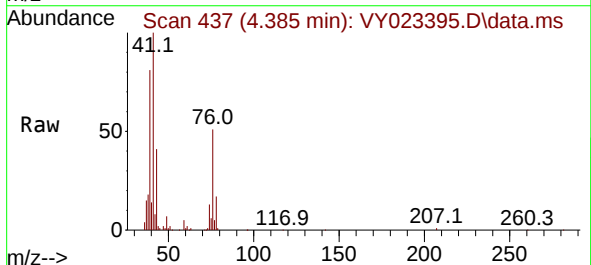
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

Tgt Ion: 76 Resp: 295861
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 16.449 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 43 Resp: 48783
Ion Ratio Lower Upper
43 100
74 29.9 24.2 36.4

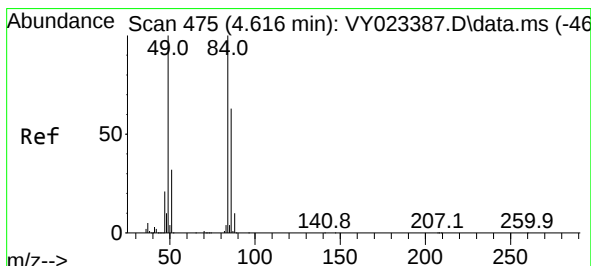
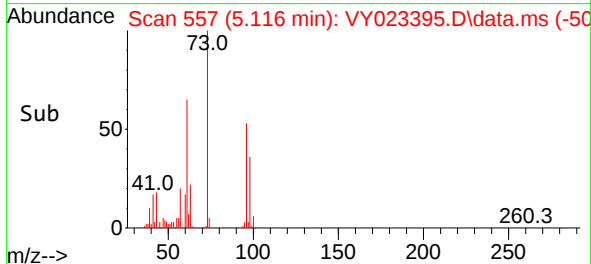
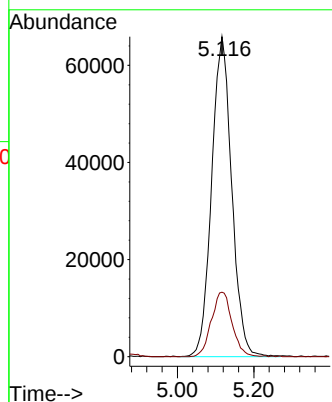
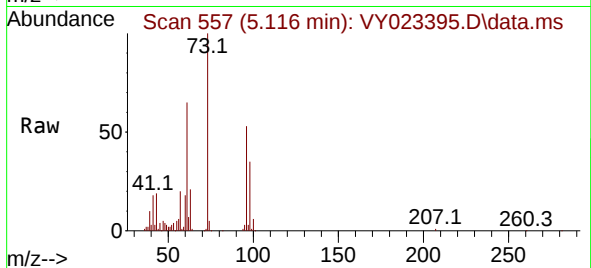




#19
Methyl tert-butyl Ether
Concen: 19.735 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

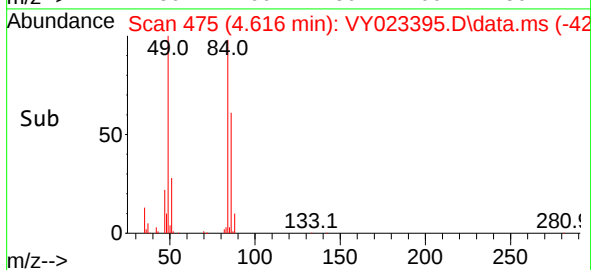
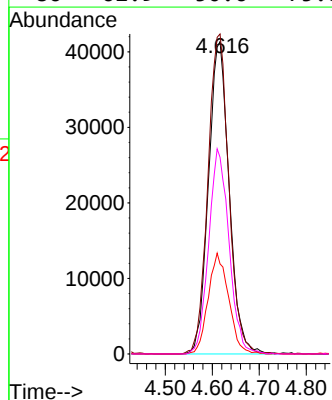
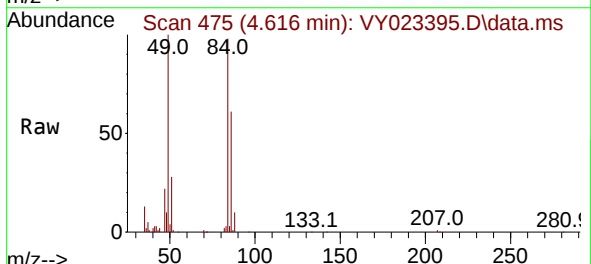
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

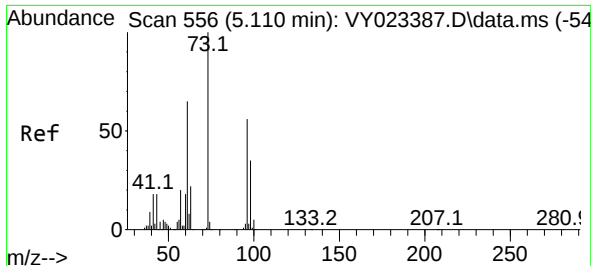
Tgt Ion: 73 Resp: 240292
Ion Ratio Lower Upper
73 100
57 20.1 17.4 26.0



#20
Methylene Chloride
Concen: 20.628 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 84 Resp: 126108
Ion Ratio Lower Upper
84 100
49 102.4 80.2 120.4
51 28.8 25.9 38.9
86 62.9 50.6 75.8

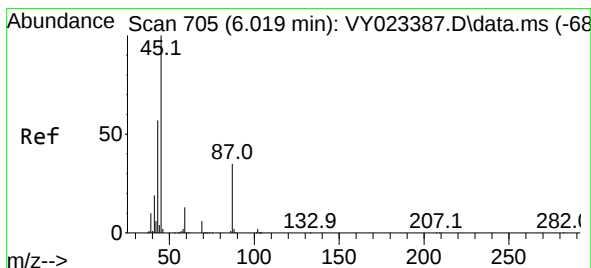
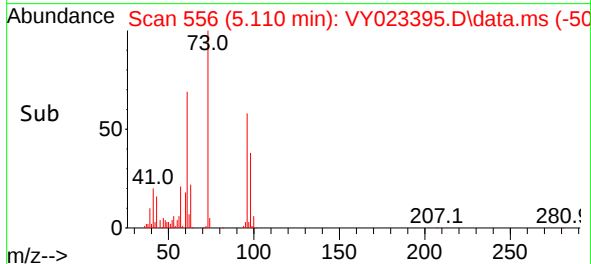
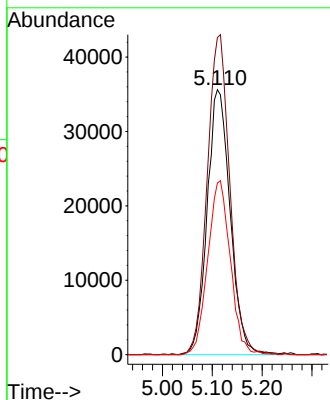
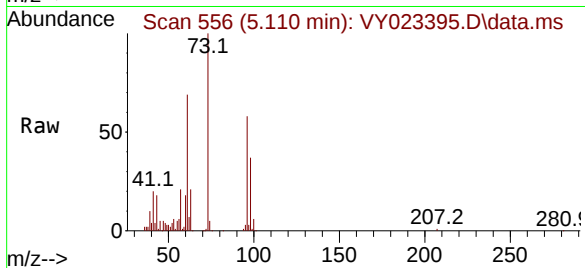




#21
trans-1,2-Dichloroethene
Concen: 20.480 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

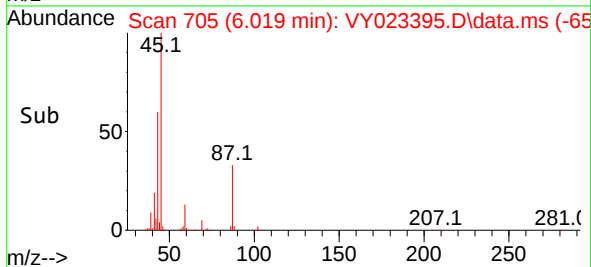
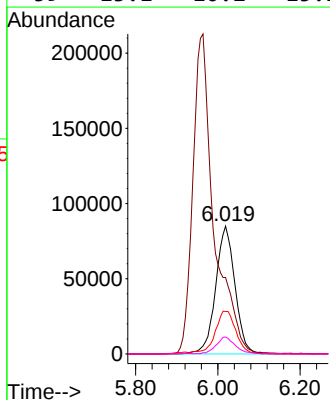
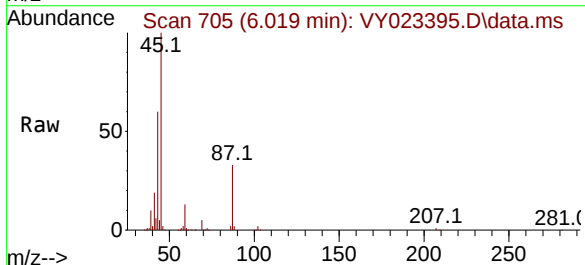
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

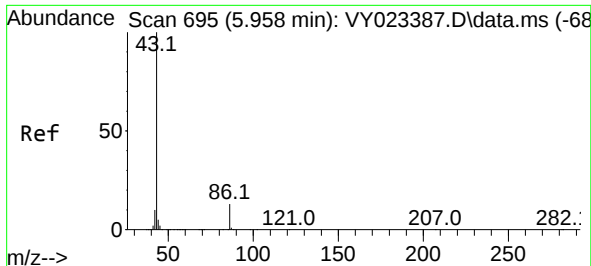
Tgt Ion: 96 Resp: 114227
Ion Ratio Lower Upper
96 100
61 119.7 92.7 139.1
98 64.8 49.7 74.5



#22
Diisopropyl ether
Concen: 20.309 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 45 Resp: 277352
Ion Ratio Lower Upper
45 100
43 59.3 45.6 68.4
87 33.3 28.1 42.1
59 13.1 10.2 15.2

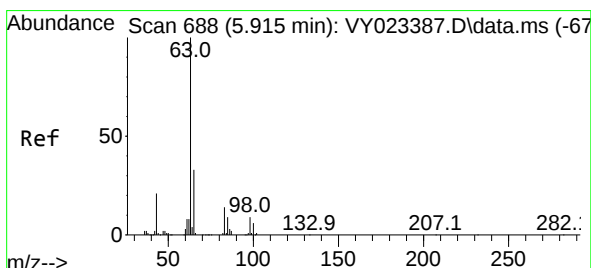
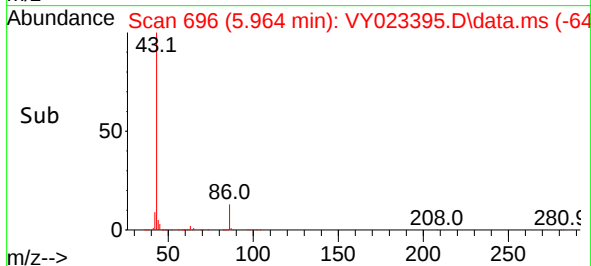
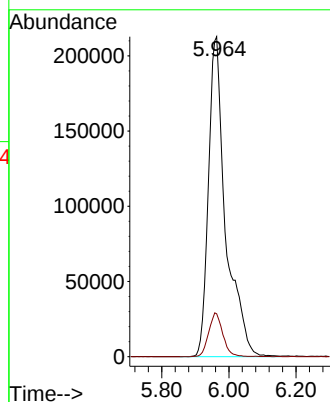
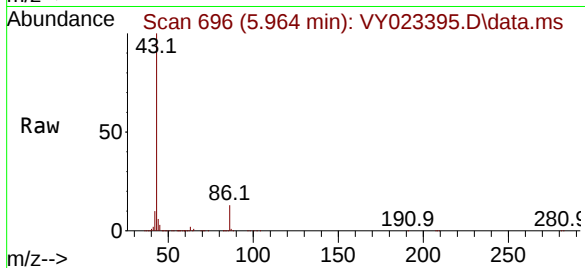




#23
 Vinyl Acetate
 Concen: 102.449 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023395.D
 Acq: 08 Oct 2025 09:58

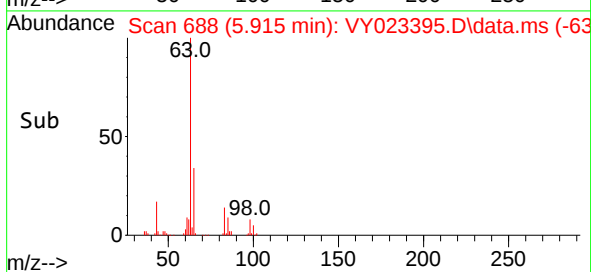
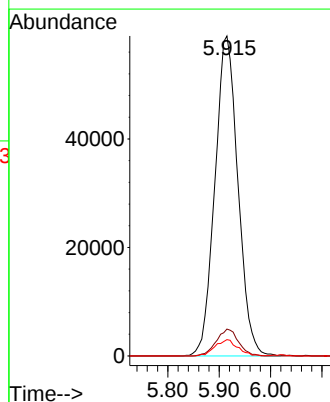
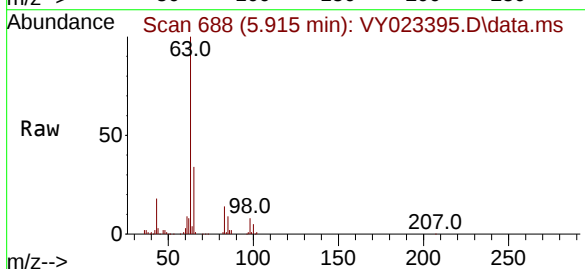
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008SBS01

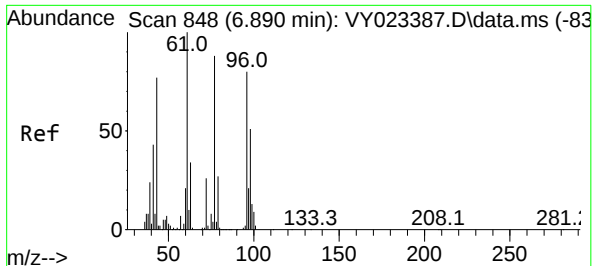
Tgt Ion: 43 Resp: 757304
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.289 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023395.D
 Acq: 08 Oct 2025 09:58

Tgt Ion: 63 Resp: 183541
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.3 13.1
 100 5.1 2.8 8.4





#25

2-Butanone

Concen: 117.851 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

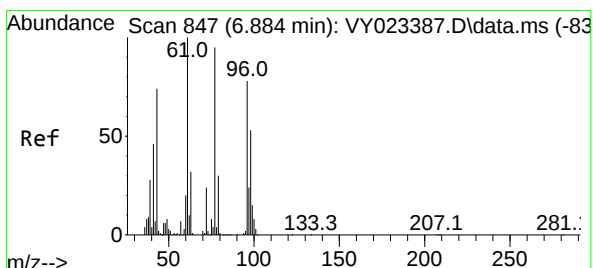
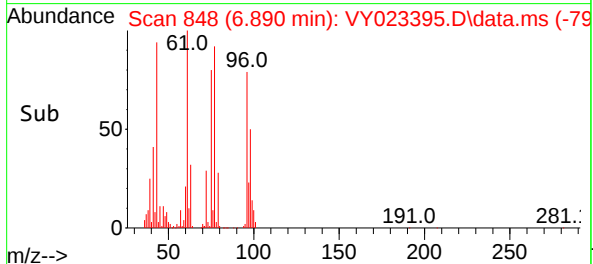
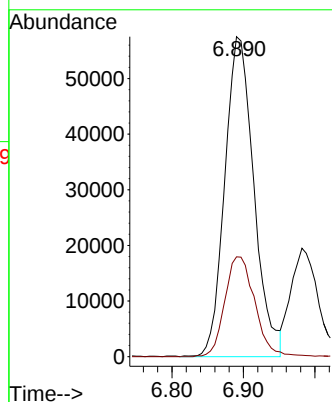
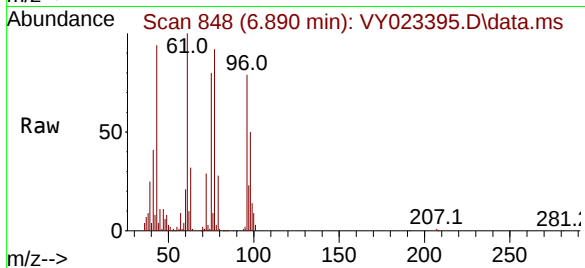
VY1008SBS01

Tgt Ion: 43 Resp: 162666

Ion Ratio Lower Upper

43 100

72 31.2 27.4 41.2



#26

2,2-Dichloropropane

Concen: 21.533 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023395.D

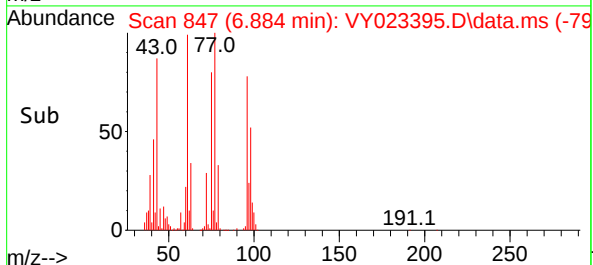
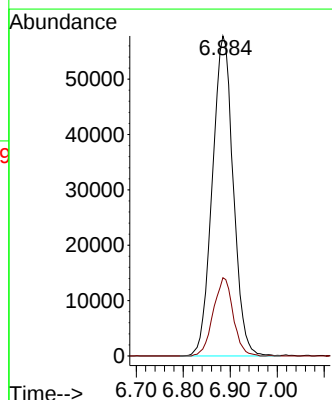
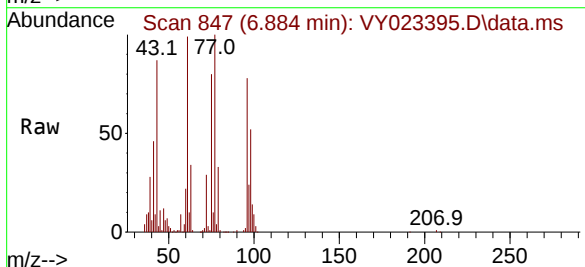
Acq: 08 Oct 2025 09:58

Tgt Ion: 77 Resp: 178743

Ion Ratio Lower Upper

77 100

97 23.3 12.1 36.3

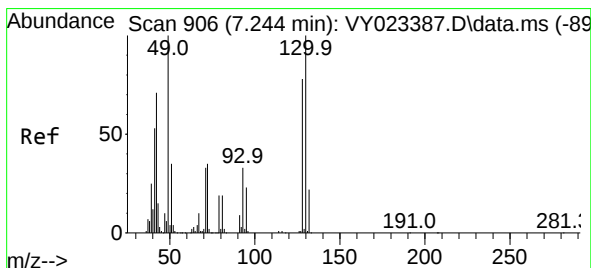
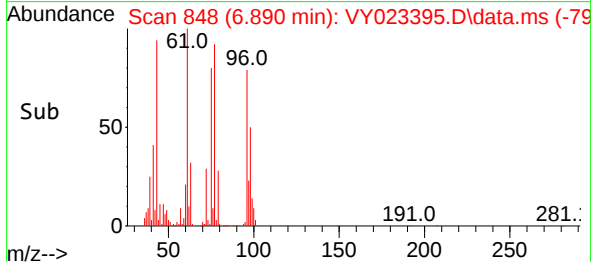
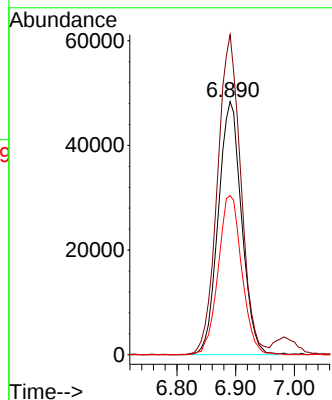
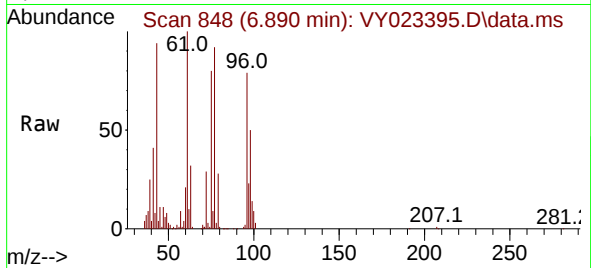




#27
 cis-1,2-Dichloroethene
 Concen: 20.728 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY023395.D
 Acq: 08 Oct 2025 09:58

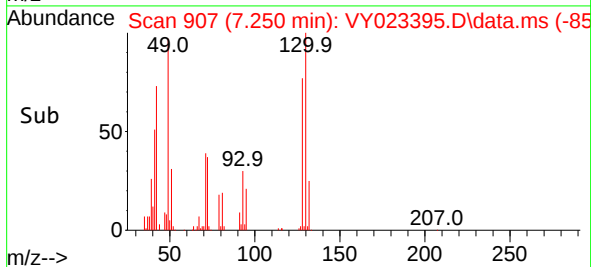
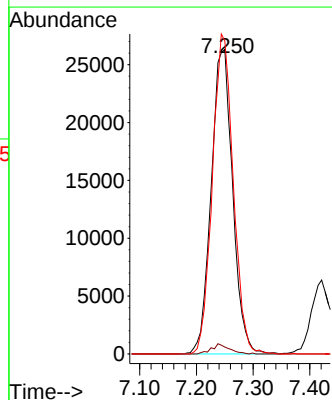
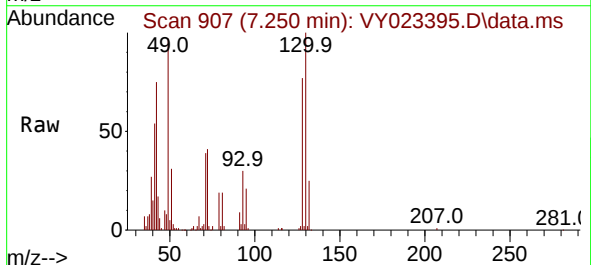
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008SBS01

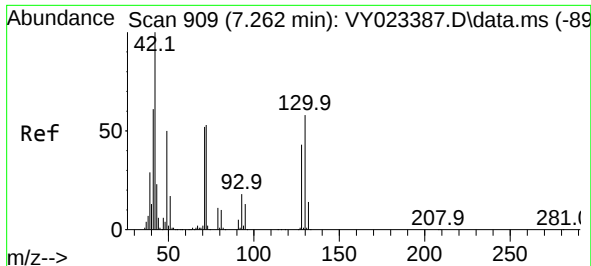
Tgt Ion: 96 Resp: 133544
 Ion Ratio Lower Upper
 96 100
 61 127.1 0.0 258.2
 98 63.7 0.0 132.0



#28
 Bromochloromethane
 Concen: 20.510 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023395.D
 Acq: 08 Oct 2025 09:58

Tgt Ion: 49 Resp: 69264
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 101.9 81.9 122.9

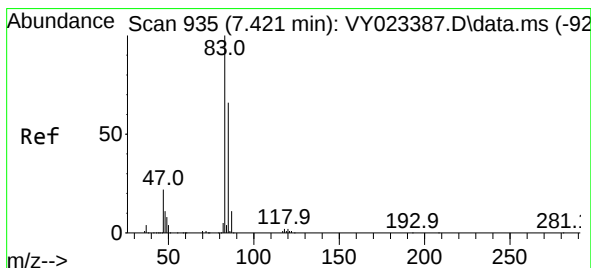
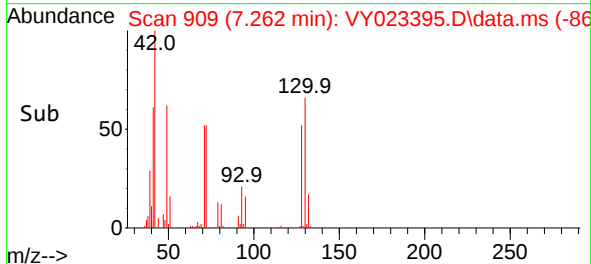
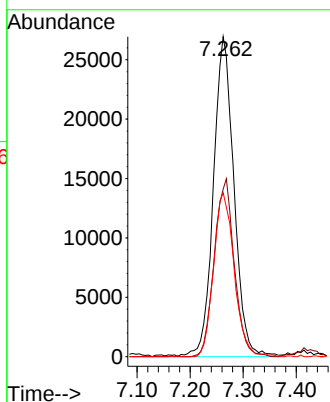
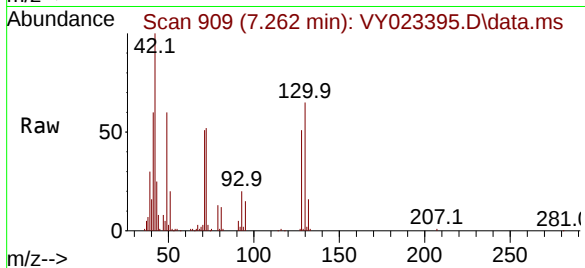




#29
Tetrahydrofuran
Concen: 92.608 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

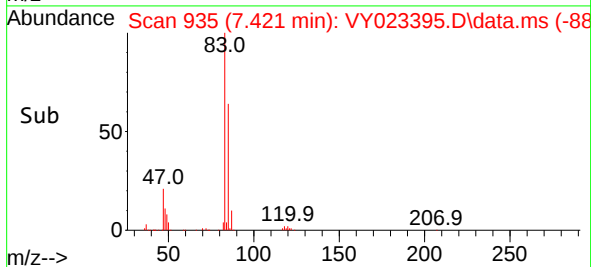
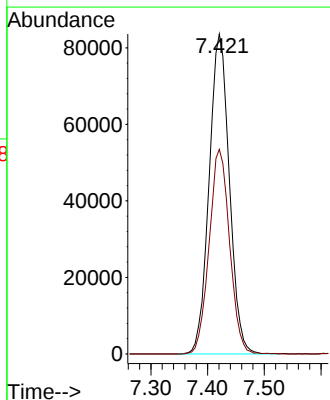
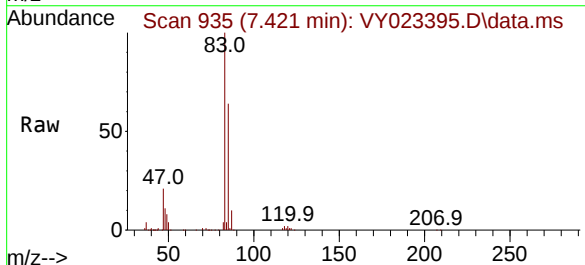
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

Tgt Ion: 42 Resp: 72485
Ion Ratio Lower Upper
42 100
72 54.1 43.0 64.6
71 51.3 40.1 60.1



#30
Chloroform
Concen: 20.785 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 83 Resp: 206586
Ion Ratio Lower Upper
83 100
85 63.9 52.5 78.7

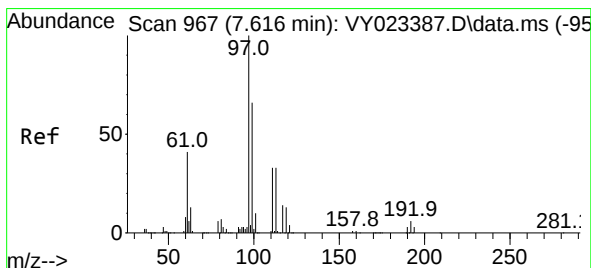
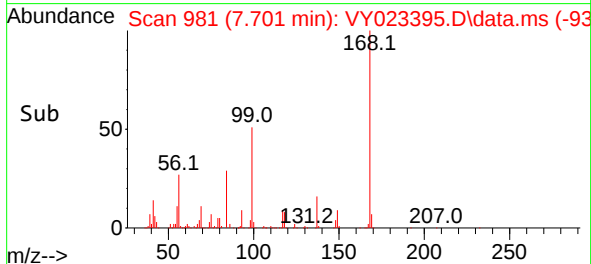
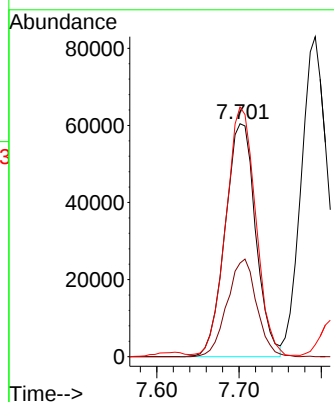
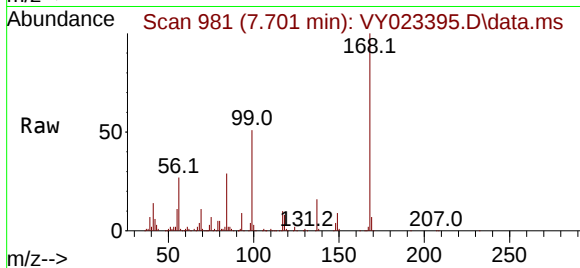




#31
Cyclohexane
Concen: 19.821 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

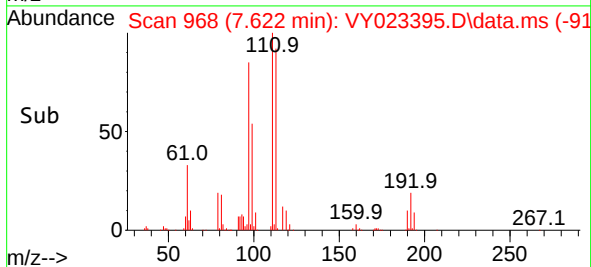
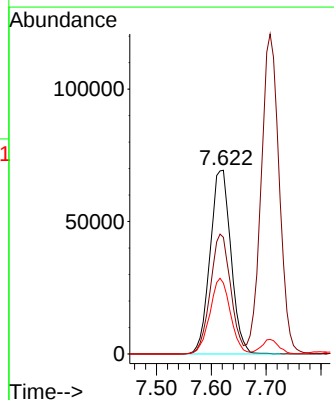
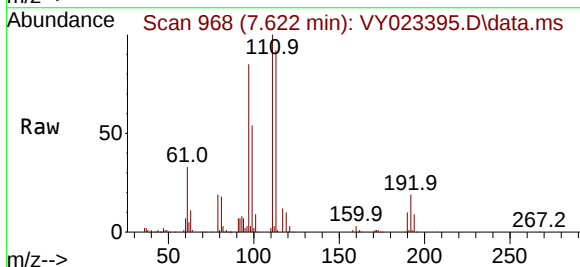
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

Tgt Ion: 56 Resp: 156590
Ion Ratio Lower Upper
56 100
69 40.2 30.0 45.0
84 105.4 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 20.319 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 97 Resp: 183531
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.2
61 40.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 47.815 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

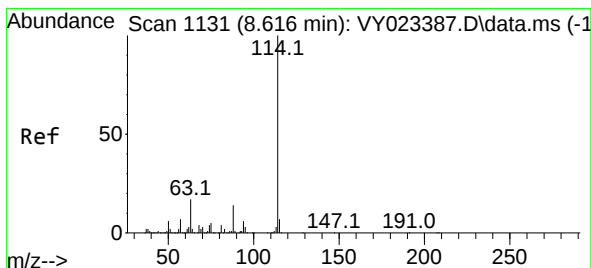
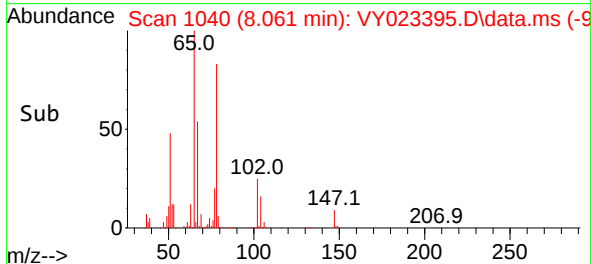
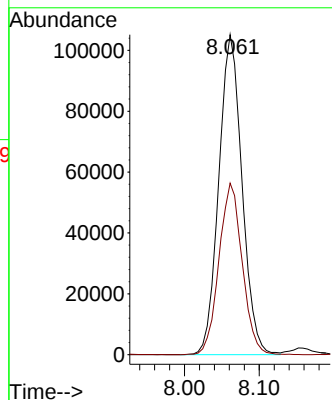
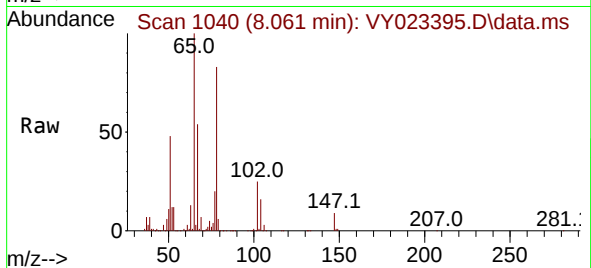
VY1008SBS01

Tgt Ion: 65 Resp: 227074

Ion Ratio Lower Upper

65 100

67 53.7 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: VY023395.D

Acq: 08 Oct 2025 09:58

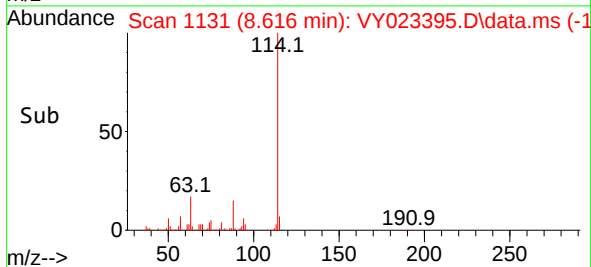
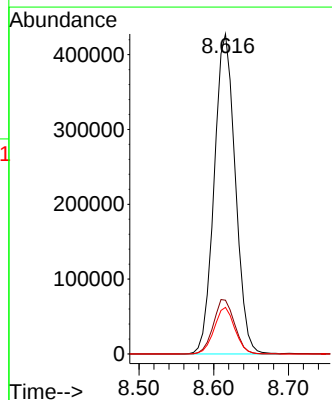
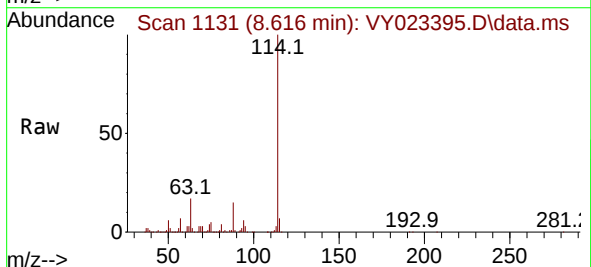
Tgt Ion: 114 Resp: 839162

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.2

88 14.6 0.0 28.4

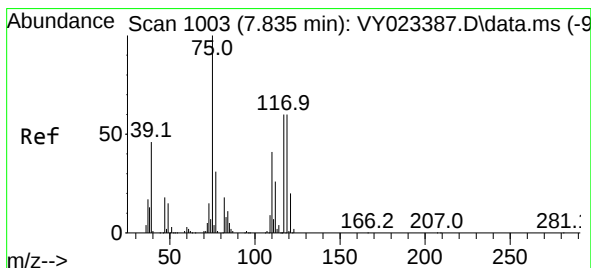
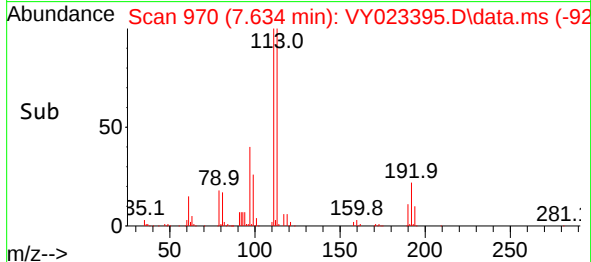
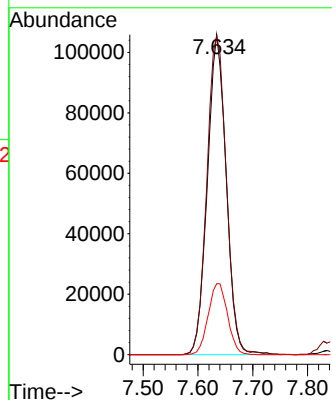
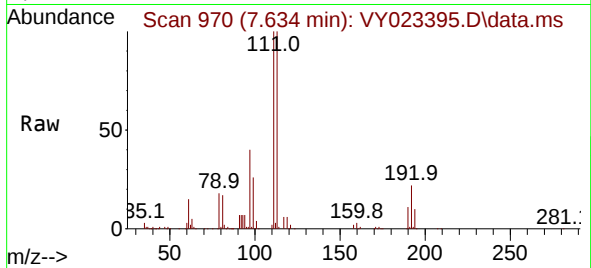




#35
Dibromofluoromethane
Concen: 48.855 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

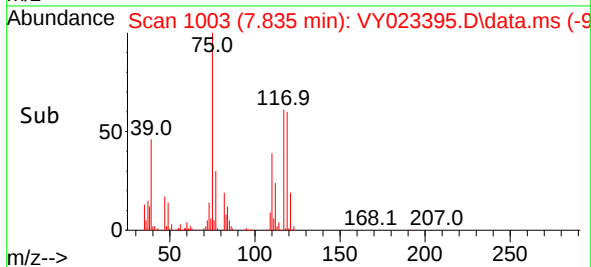
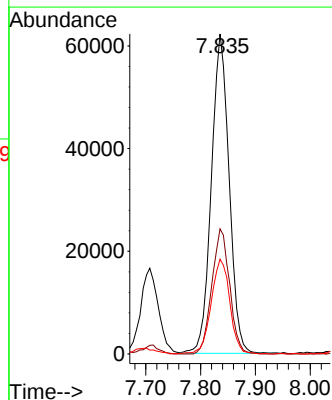
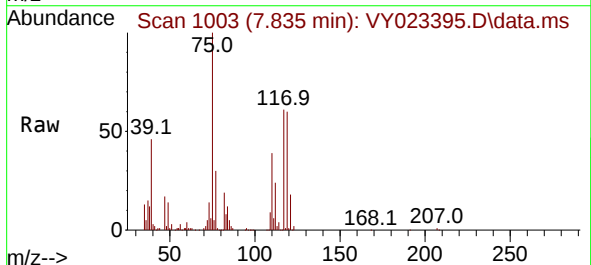
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

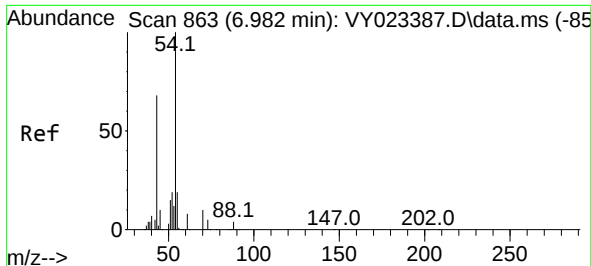
Tgt Ion:113 Resp: 251909
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 22.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.479 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 75 Resp: 139794
Ion Ratio Lower Upper
75 100
110 39.2 19.9 59.7
77 31.1 25.0 37.6





#37

Ethyl Acetate

Concen: 19.500 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

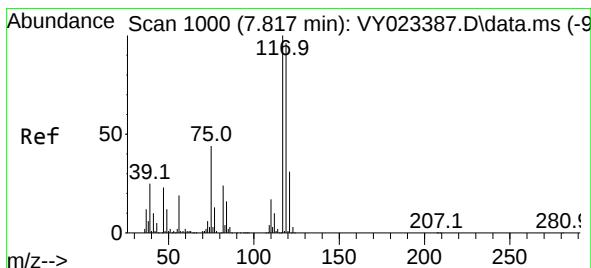
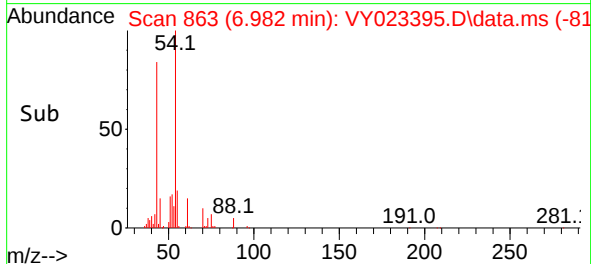
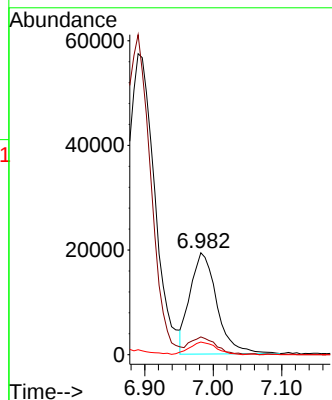
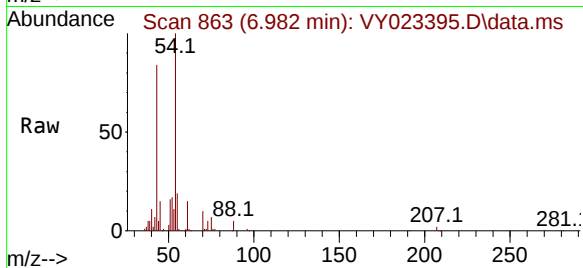
Tgt Ion: 43 Resp: 52735

Ion Ratio Lower Upper

43 100

61 16.9 11.8 17.8

70 12.3 10.5 15.7



#38

Carbon Tetrachloride

Concen: 20.318 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

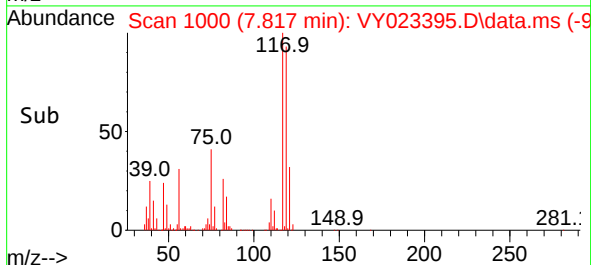
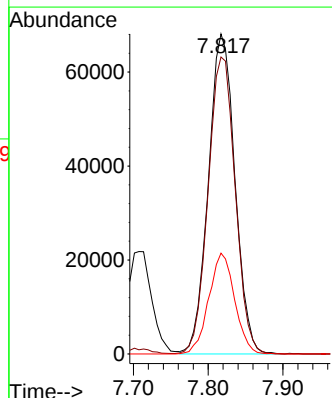
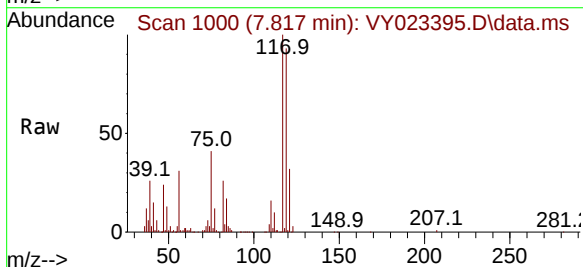
Tgt Ion: 117 Resp: 168178

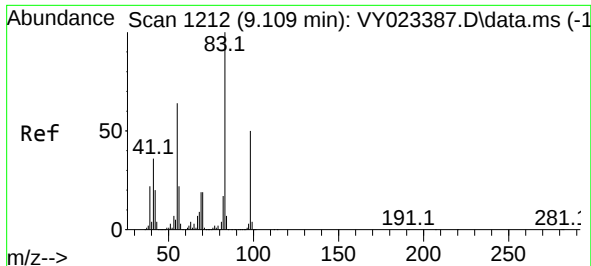
Ion Ratio Lower Upper

117 100

119 92.7 76.8 115.2

121 31.5 24.5 36.7





#39

Methylcyclohexane

Concen: 20.028 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

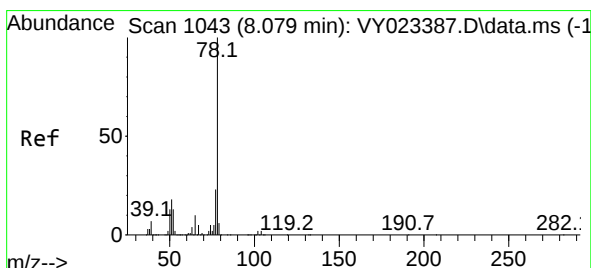
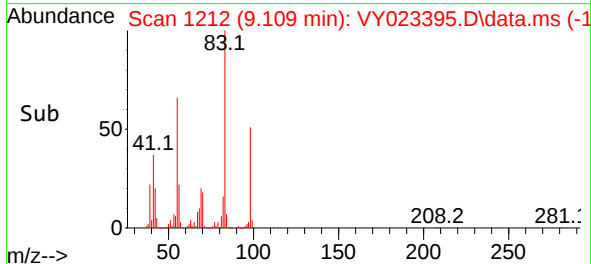
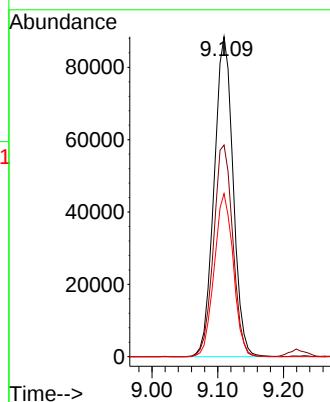
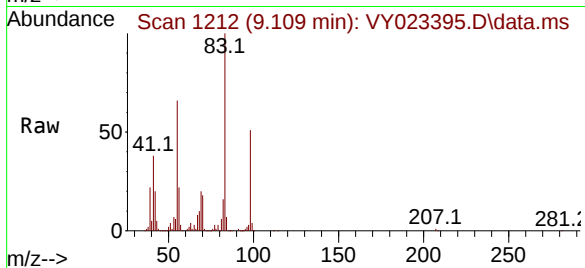
Tgt Ion: 83 Resp: 178007

Ion Ratio Lower Upper

83 100

55 66.2 51.4 77.2

98 50.9 40.4 60.6



#40

Benzene

Concen: 20.472 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023395.D

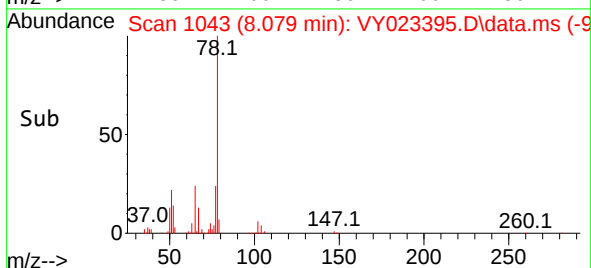
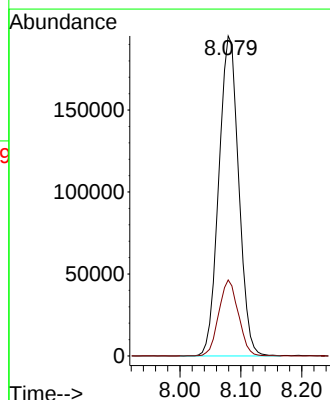
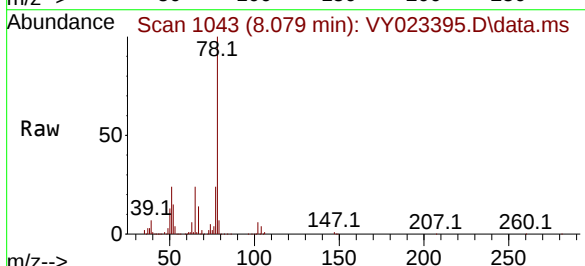
Acq: 08 Oct 2025 09:58

Tgt Ion: 78 Resp: 442582

Ion Ratio Lower Upper

78 100

77 23.7 18.3 27.5

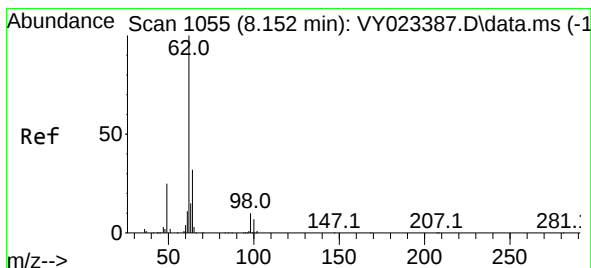
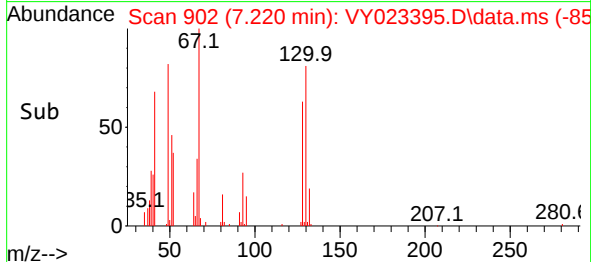
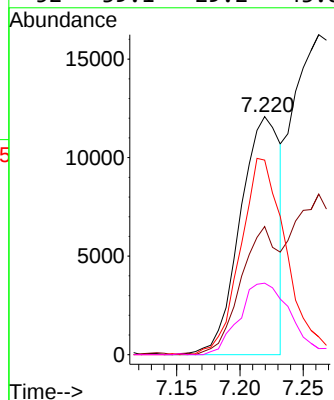
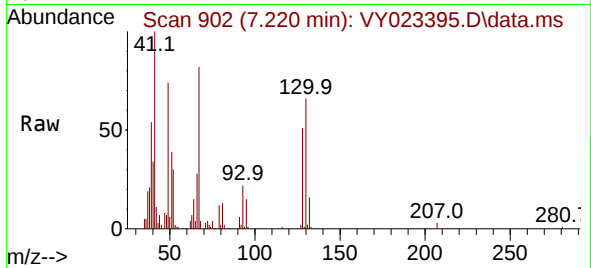




#41
Methacrylonitrile
Concen: 18.131 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

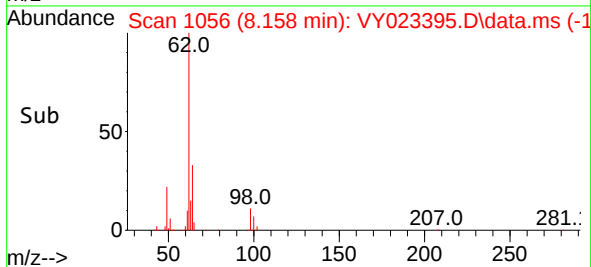
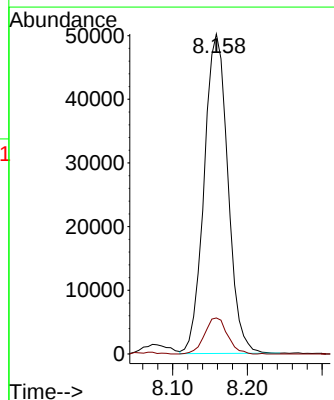
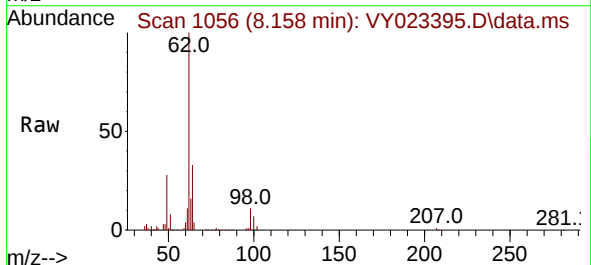
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

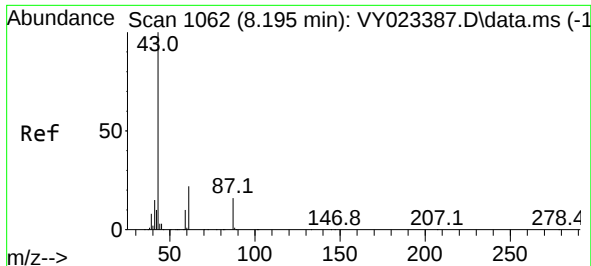
Tgt Ion: 41 Resp: 26520
Ion Ratio Lower Upper
41 100
39 51.3 52.2 78.4#
67 95.0 74.9 112.3
52 39.1 29.2 43.8



#42
1,2-Dichloroethane
Concen: 19.895 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 62 Resp: 110921
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.6

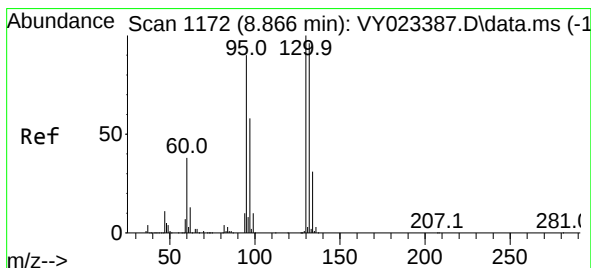
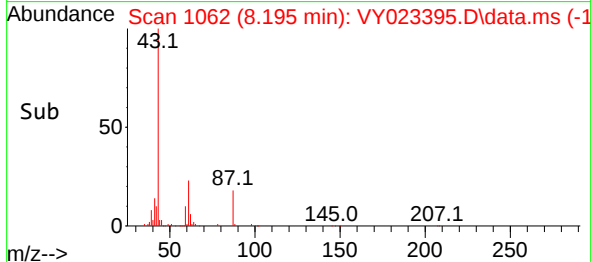
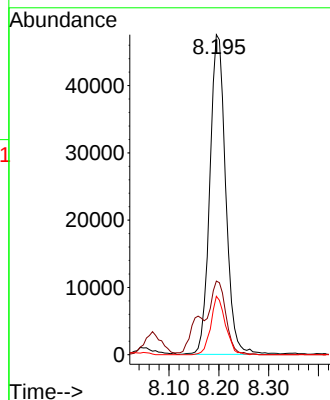
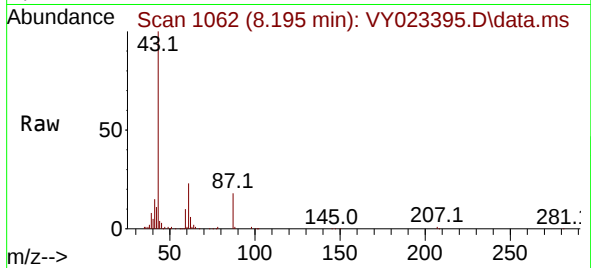




#43
Isopropyl Acetate
Concen: 19.434 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

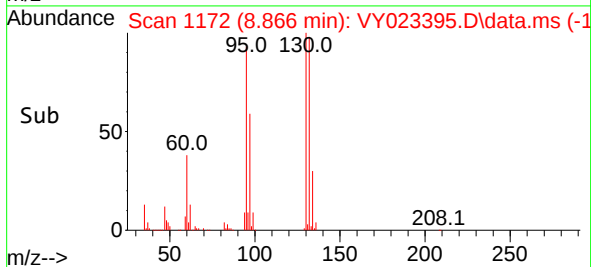
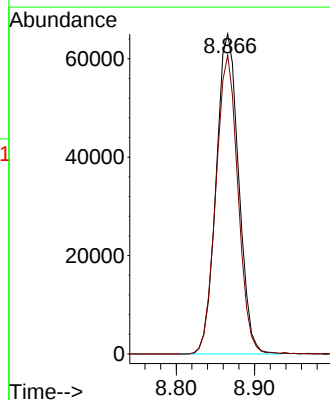
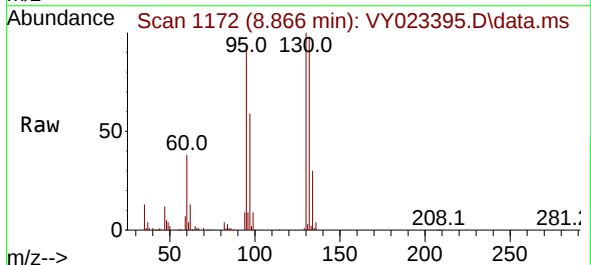
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

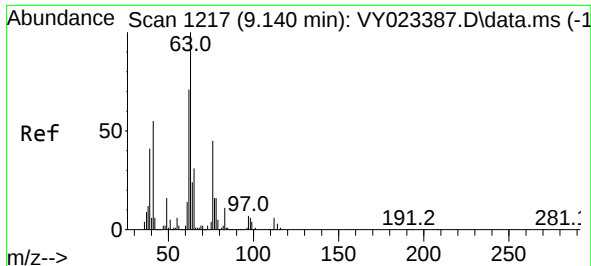
Tgt Ion: 43 Resp: 104802
Ion Ratio Lower Upper
43 100
61 23.4 18.1 27.1
87 16.9 13.5 20.3



#44
Trichloroethene
Concen: 20.557 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion:130 Resp: 130072
Ion Ratio Lower Upper
130 100
95 93.4 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.516 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

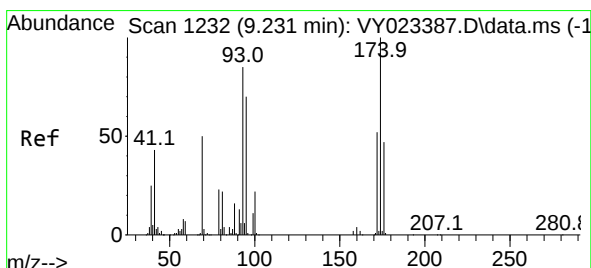
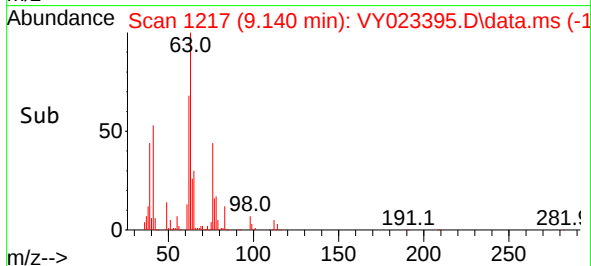
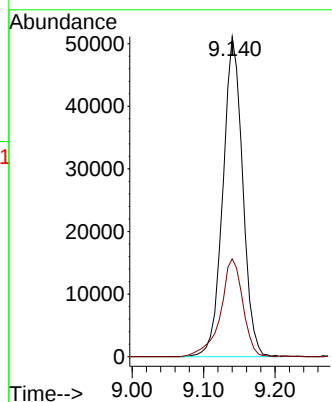
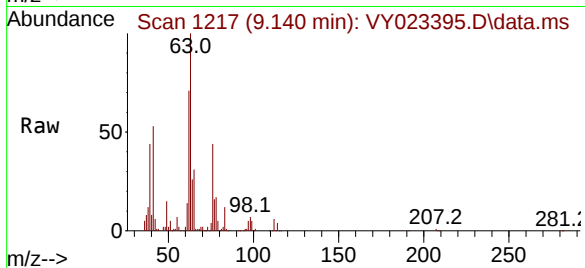
VY1008SBS01

Tgt Ion: 63 Resp: 97963

Ion Ratio Lower Upper

63 100

65 30.6 24.9 37.3



#46

Dibromomethane

Concen: 20.193 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

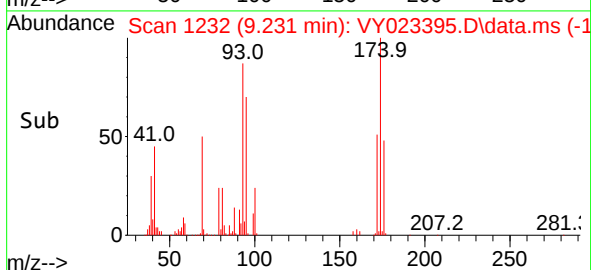
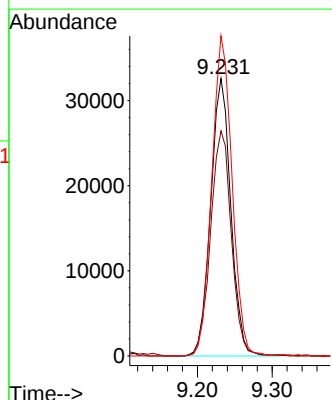
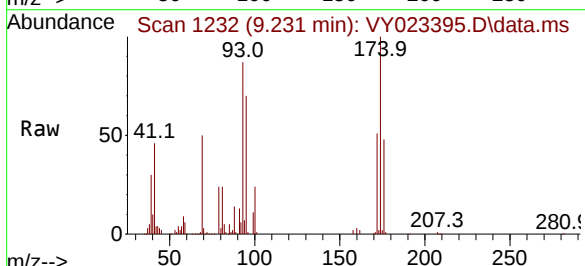
Tgt Ion: 93 Resp: 60971

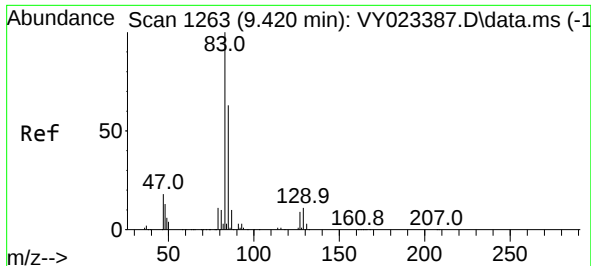
Ion Ratio Lower Upper

93 100

95 84.0 65.4 98.0

174 116.2 92.9 139.3

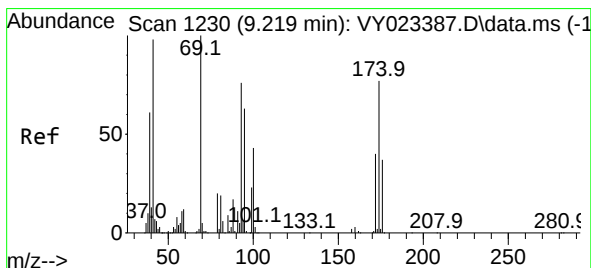
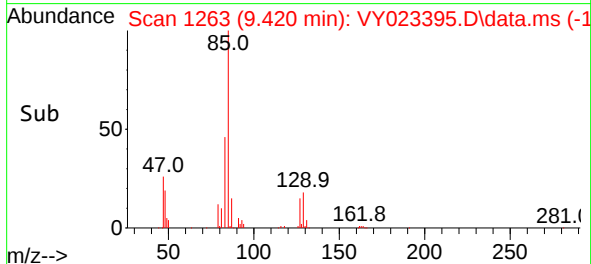
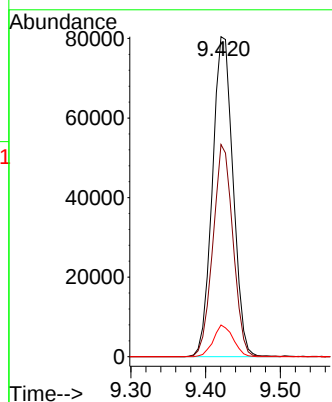
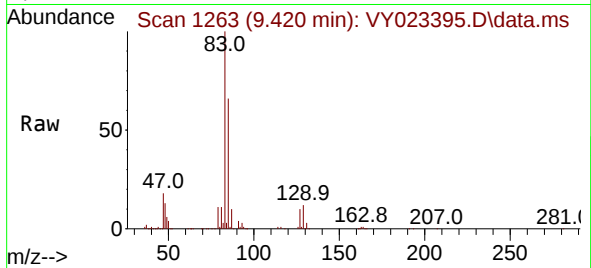




#47
Bromodichloromethane
Concen: 20.347 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

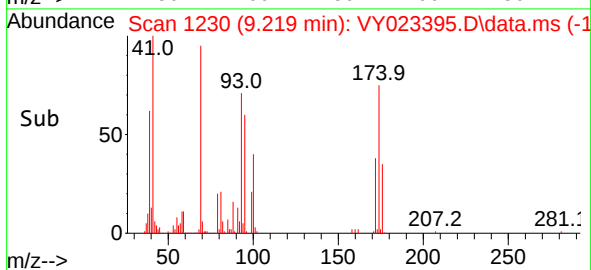
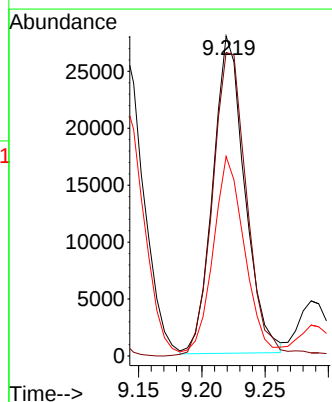
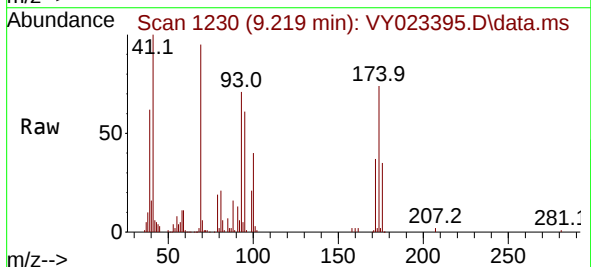
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

Tgt Ion: 83 Resp: 154730
Ion Ratio Lower Upper
83 100
85 66.3 50.8 76.2
127 9.9 7.4 11.2



#48
Methyl methacrylate
Concen: 19.206 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 41 Resp: 48656
Ion Ratio Lower Upper
41 100
69 103.2 81.0 121.4
39 59.9 48.2 72.4





#49

1,4-Dioxane

Concen: 374.406 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

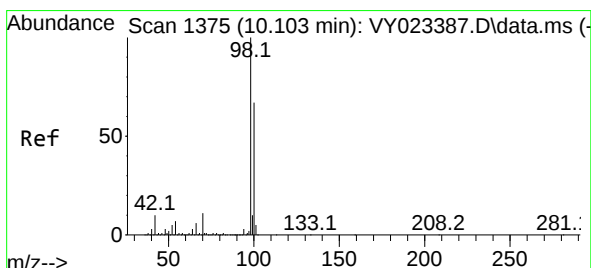
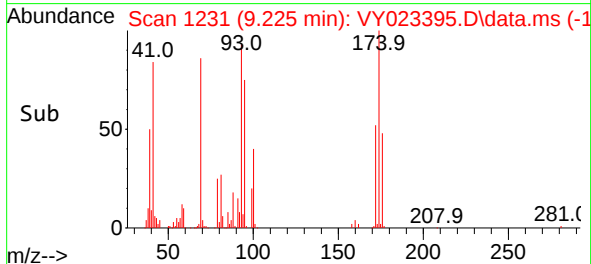
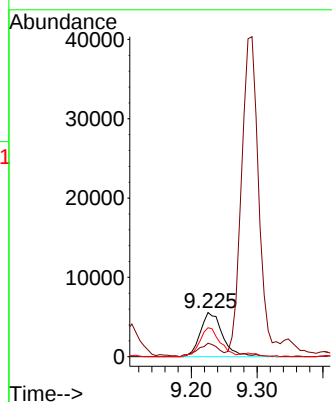
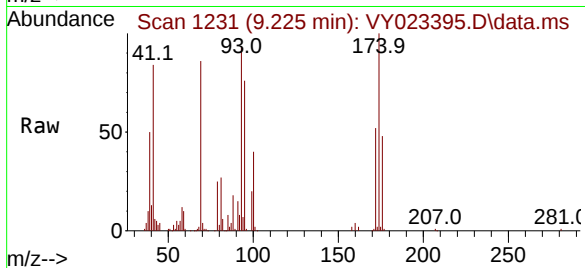
Tgt Ion: 88 Resp: 13107

Ion Ratio Lower Upper

88 100

43 27.7 21.8 32.8

58 59.3 46.8 70.2



#50

Toluene-d8

Concen: 49.211 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023395.D

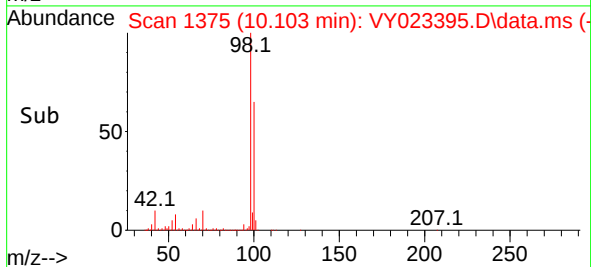
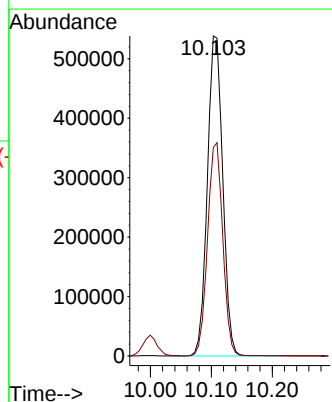
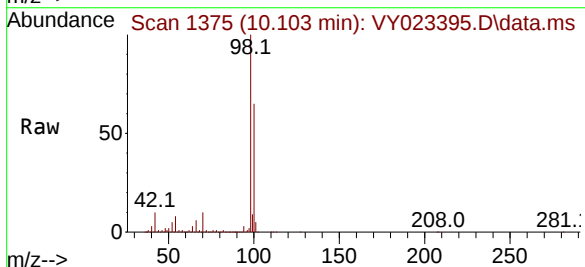
Acq: 08 Oct 2025 09:58

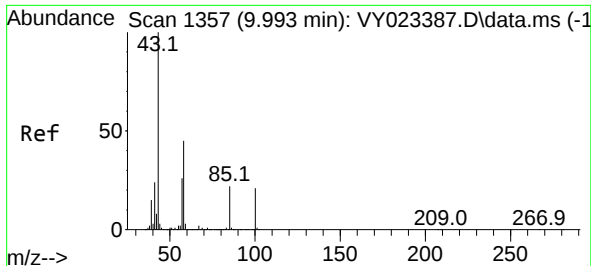
Tgt Ion: 98 Resp: 944969

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 97.651 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

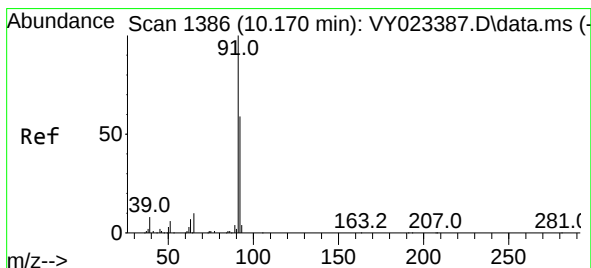
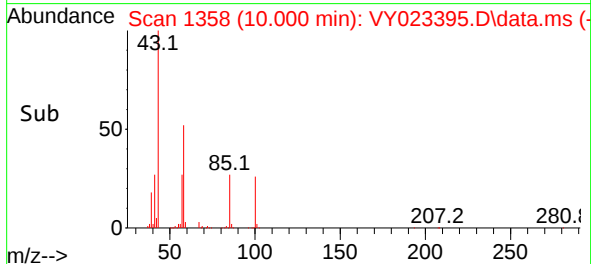
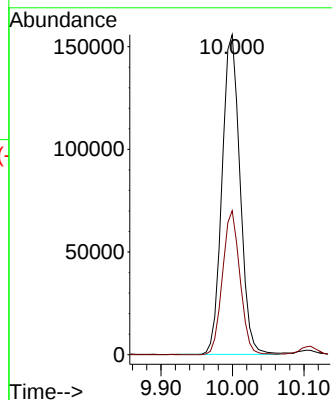
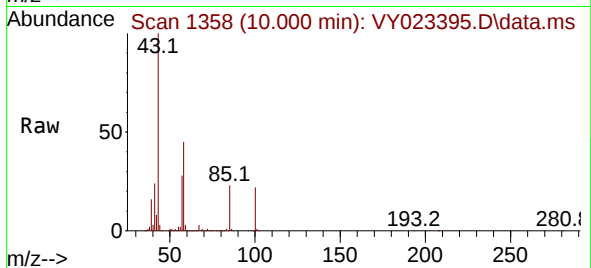
VY1008SBS01

Tgt Ion: 43 Resp: 272076

Ion Ratio Lower Upper

43 100

58 43.7 35.3 52.9



#52

Toluene

Concen: 20.584 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023395.D

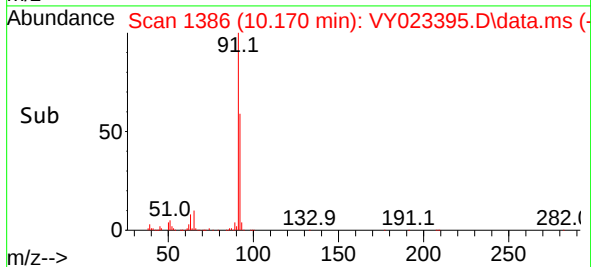
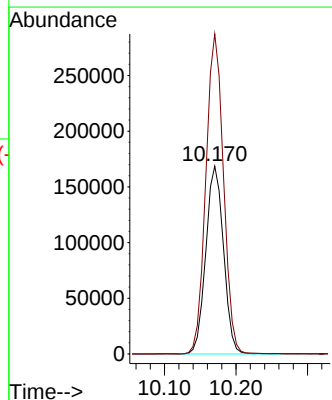
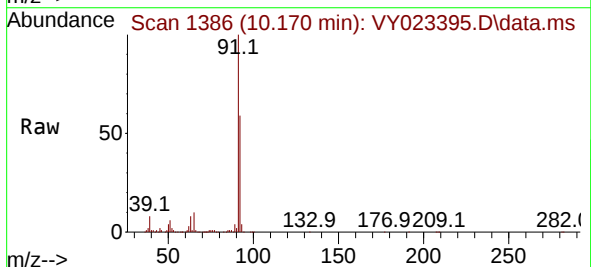
Acq: 08 Oct 2025 09:58

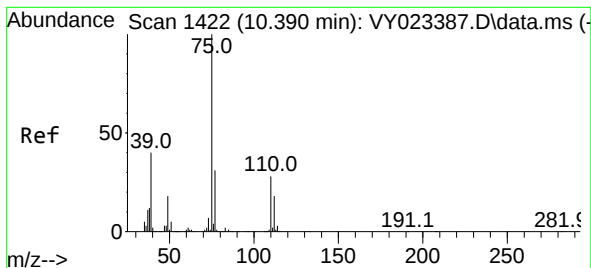
Tgt Ion: 92 Resp: 288927

Ion Ratio Lower Upper

92 100

91 170.4 136.4 204.6

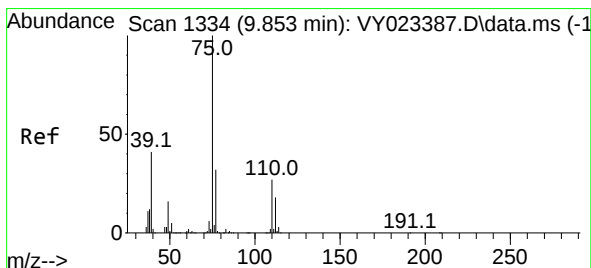
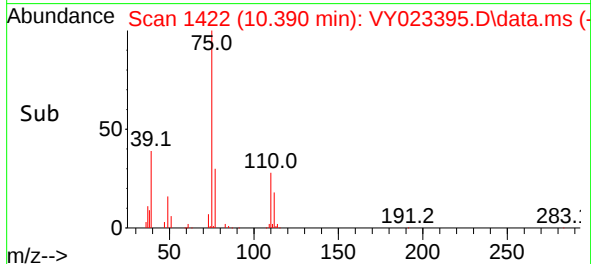
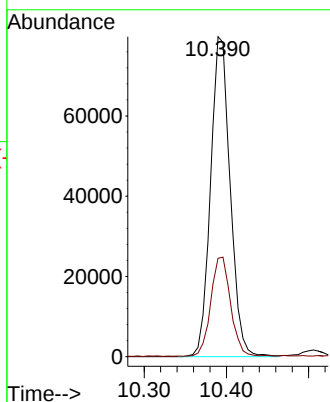
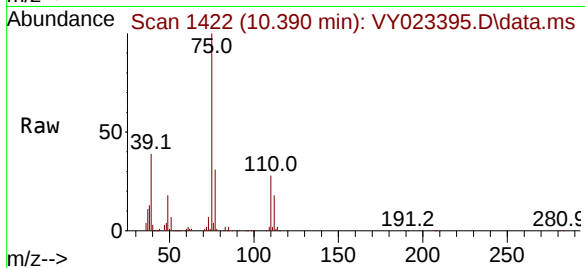




#53
t-1,3-Dichloropropene
Concen: 19.941 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

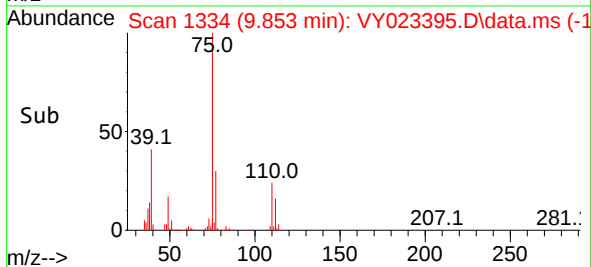
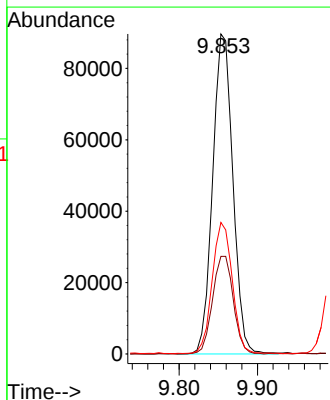
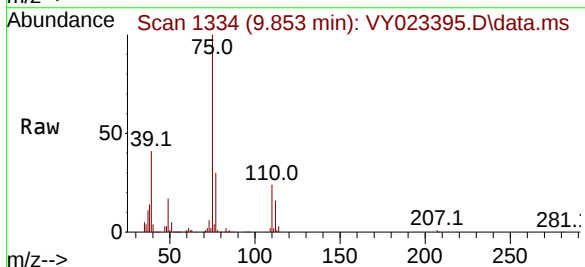
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

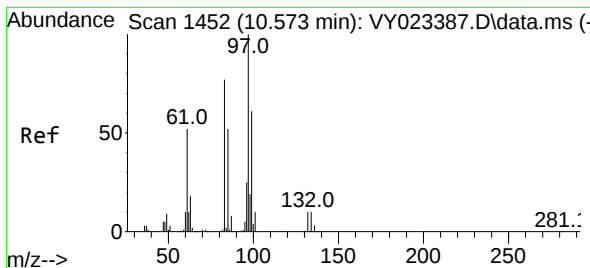
Tgt Ion: 75 Resp: 131854
Ion Ratio Lower Upper
75 100
77 30.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.609 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 75 Resp: 160832
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0
39 40.9 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 20.206 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

Tgt Ion: 97 Resp: 82044

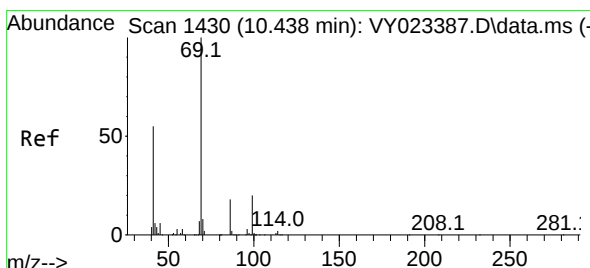
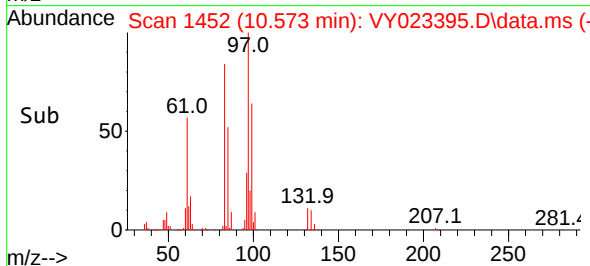
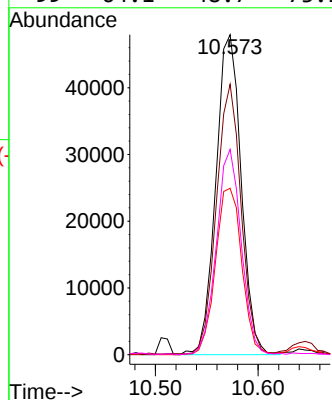
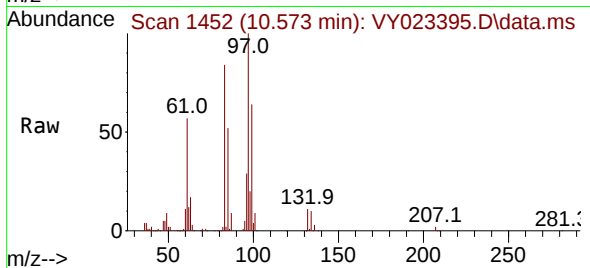
Ion Ratio Lower Upper

97 100

83 84.2 61.8 92.6

85 52.0 41.3 61.9

99 64.1 48.7 73.1



#56

Ethyl methacrylate

Concen: 19.099 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

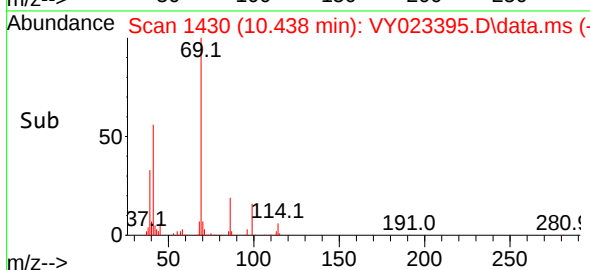
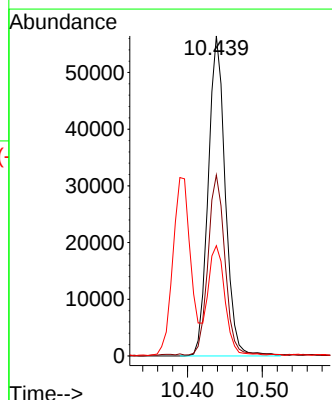
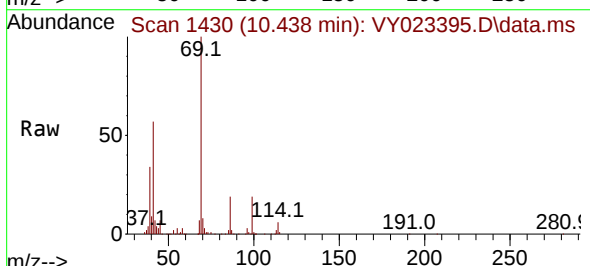
Tgt Ion: 69 Resp: 89453

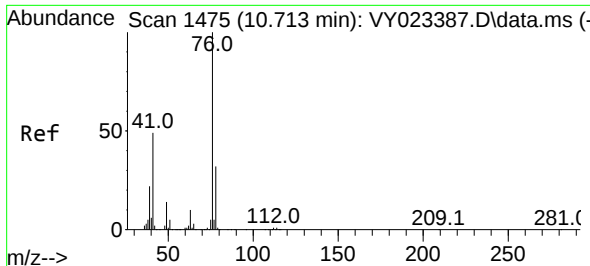
Ion Ratio Lower Upper

69 100

41 56.0 44.6 67.0

39 32.7 27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.066 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

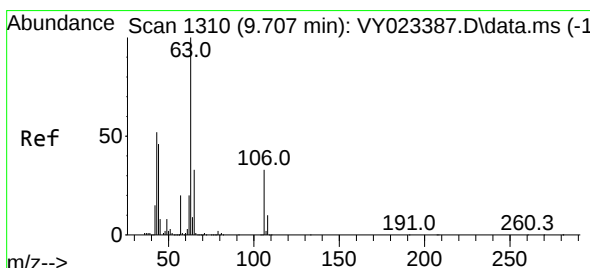
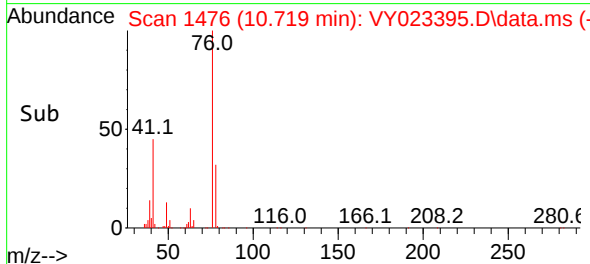
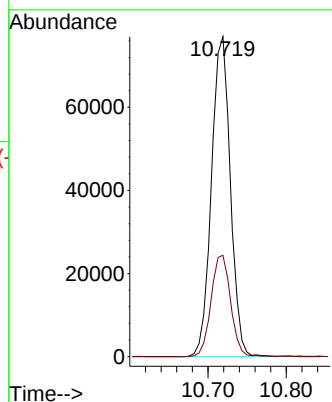
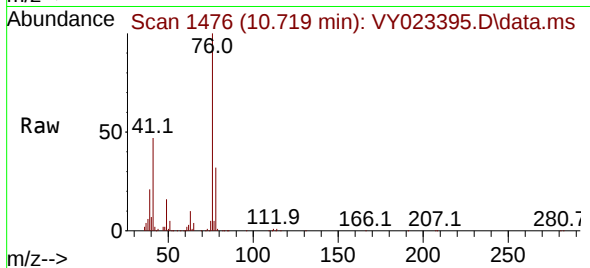
VY1008SBS01

Tgt Ion: 76 Resp: 129106

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 94.685 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023395.D

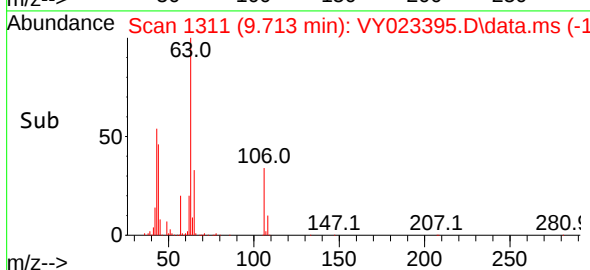
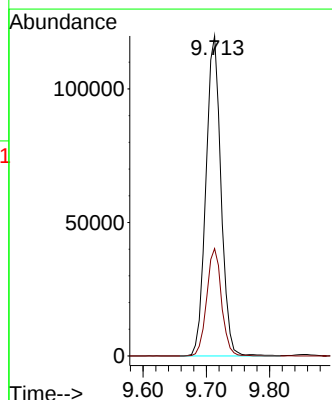
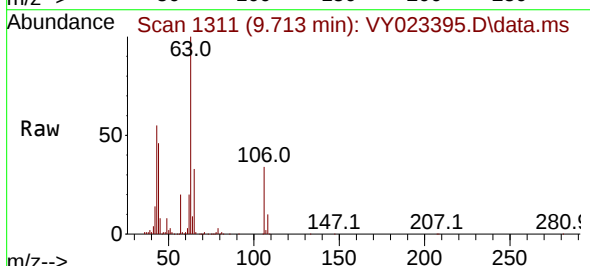
Acq: 08 Oct 2025 09:58

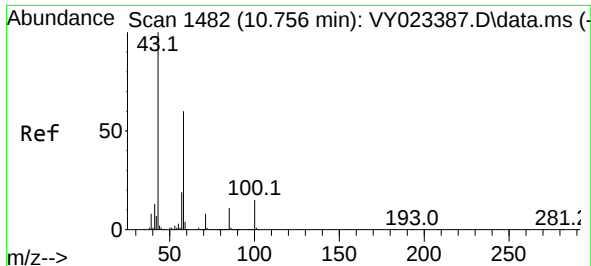
Tgt Ion: 63 Resp: 198661

Ion Ratio Lower Upper

63 100

106 33.0 26.6 39.8

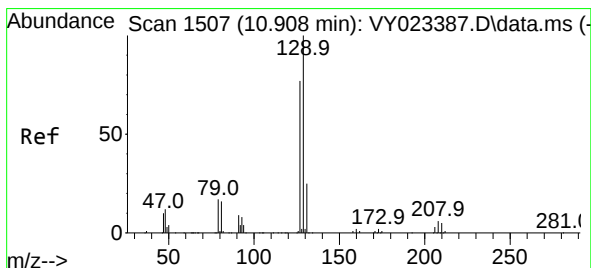
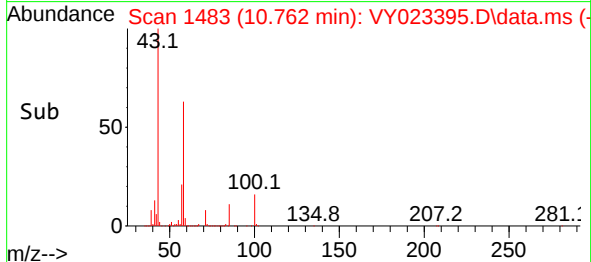
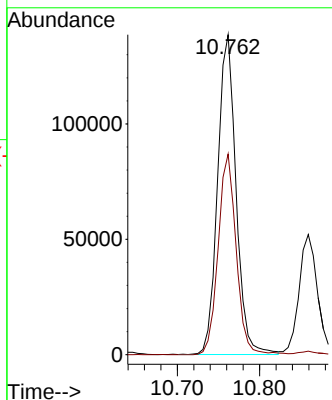
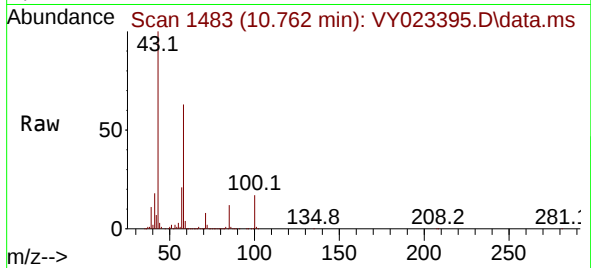




#59
2-Hexanone
Concen: 108.516 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

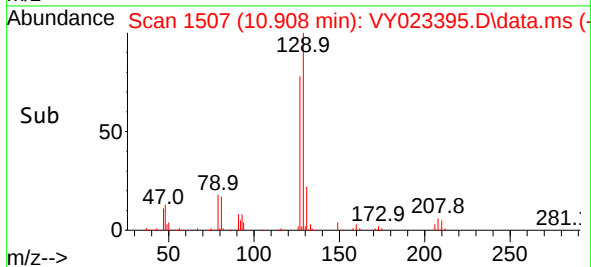
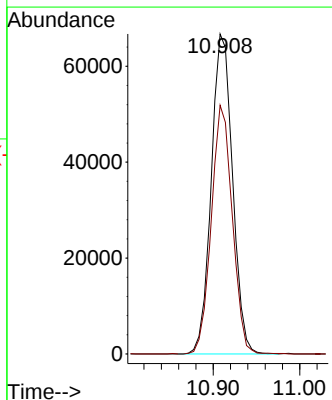
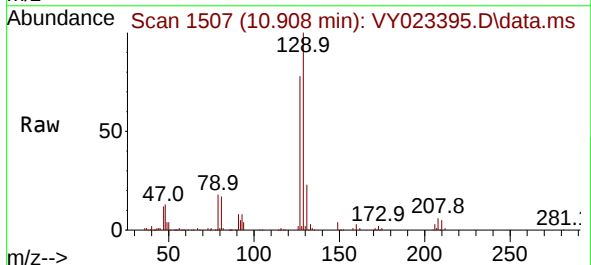
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

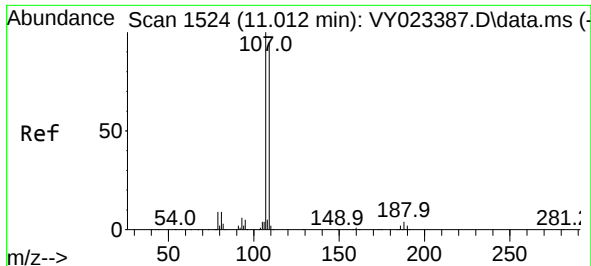
Tgt Ion: 43 Resp: 216070
Ion Ratio Lower Upper
43 100
58 61.5 30.5 91.5



#60
Dibromochloromethane
Concen: 19.994 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 129 Resp: 113817
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7

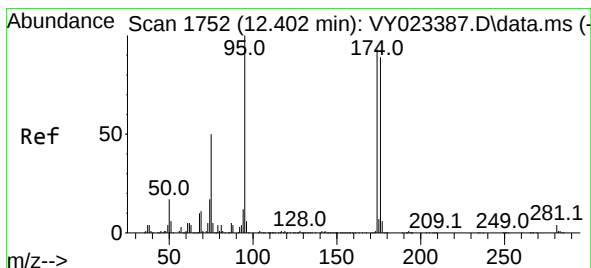
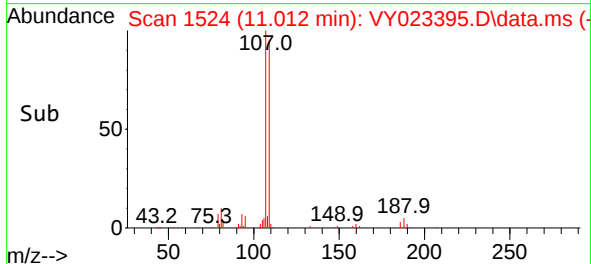
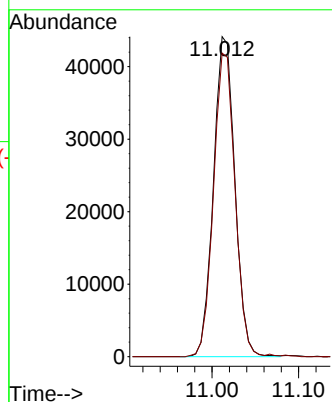
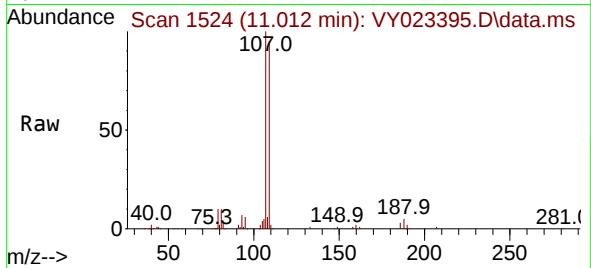




#61
1,2-Dibromoethane
Concen: 19.581 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

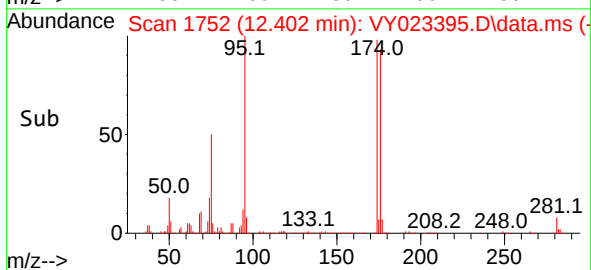
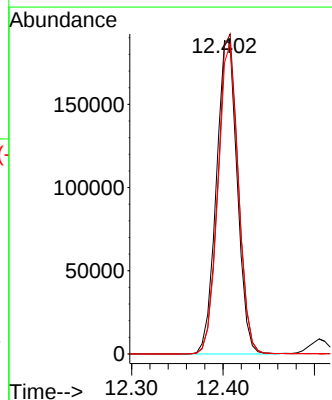
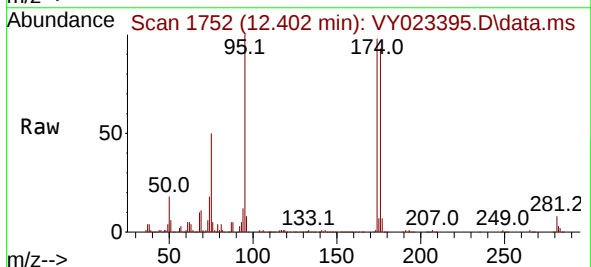
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

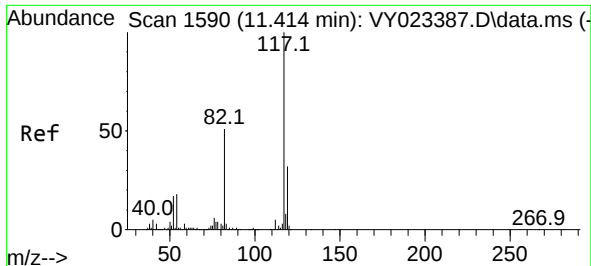
Tgt Ion:107 Resp: 75825
Ion Ratio Lower Upper
107 100
109 95.5 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 47.246 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 95 Resp: 299523
Ion Ratio Lower Upper
95 100
174 99.3 0.0 192.8
176 96.0 0.0 187.6

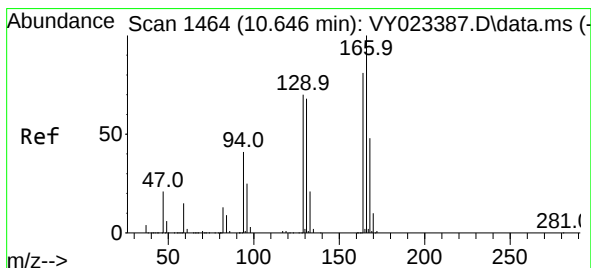
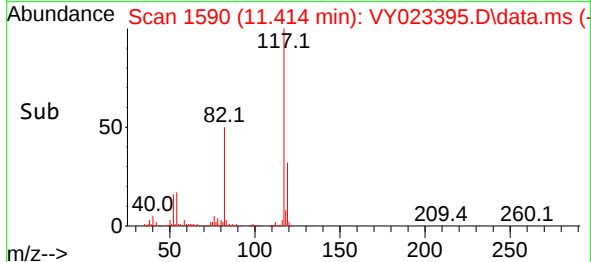
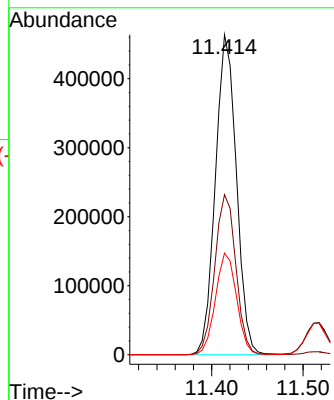
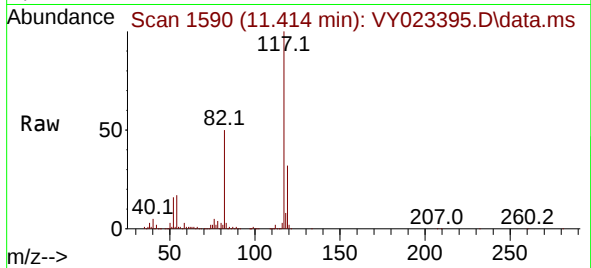




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

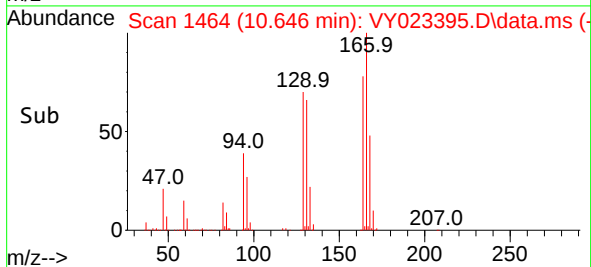
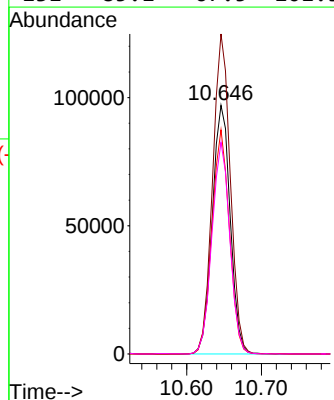
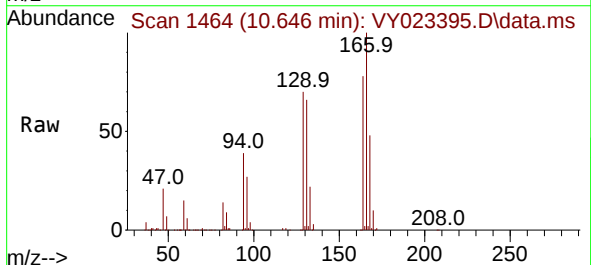
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

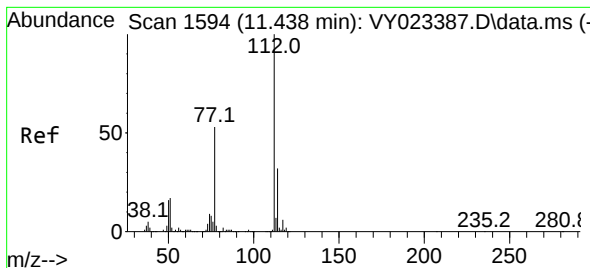
Tgt Ion:117 Resp: 741297
Ion Ratio Lower Upper
117 100
82 50.0 41.0 61.4
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 21.179 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion:164 Resp: 162112
Ion Ratio Lower Upper
164 100
166 128.7 99.4 149.0
129 90.1 69.4 104.2
131 85.1 67.5 101.3





#65

Chlorobenzene

Concen: 20.230 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

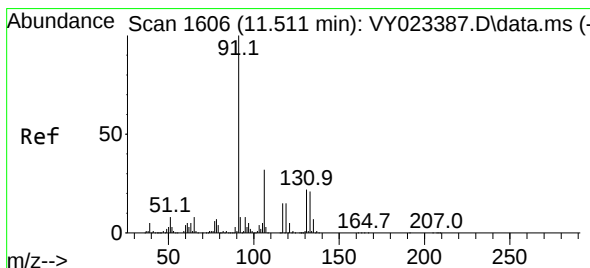
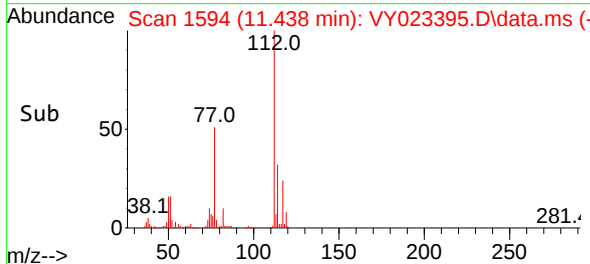
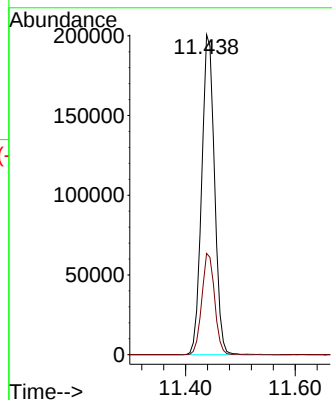
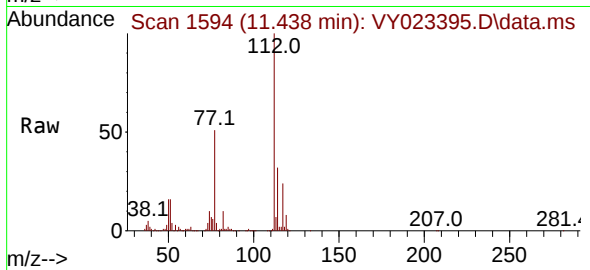
VY1008SBS01

Tgt Ion:112 Resp: 326171

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.684 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

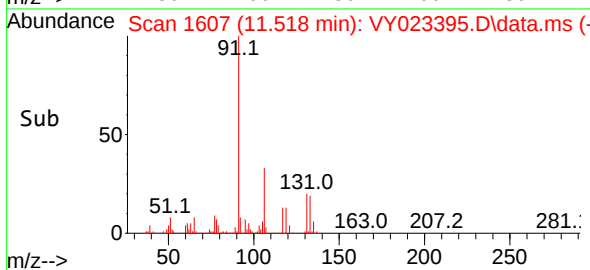
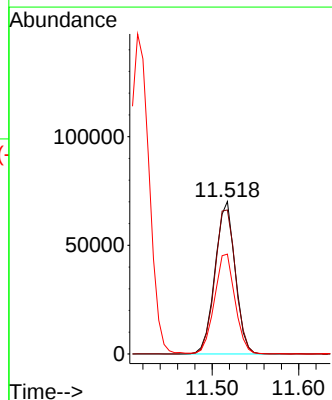
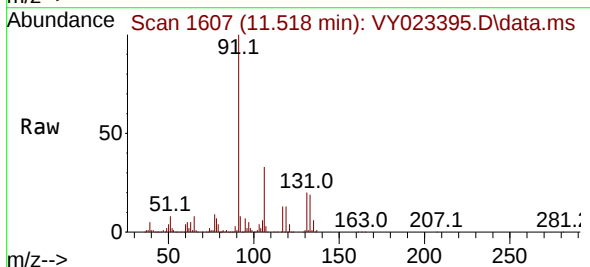
Tgt Ion:131 Resp: 113096

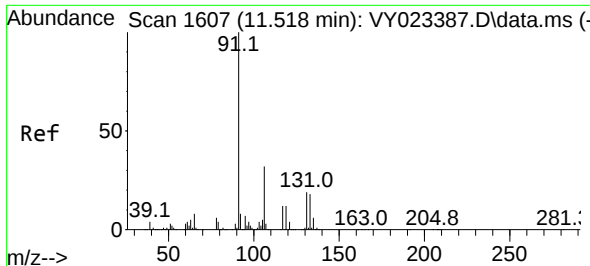
Ion Ratio Lower Upper

131 100

133 98.0 48.4 145.2

119 67.1 32.4 97.2

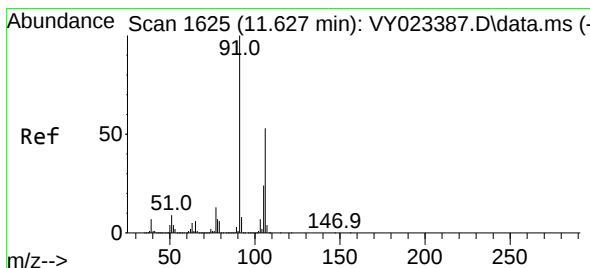
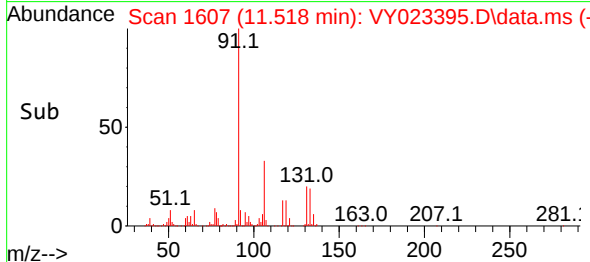
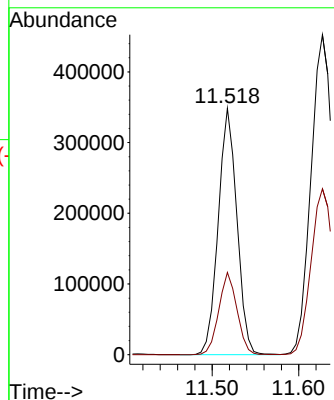
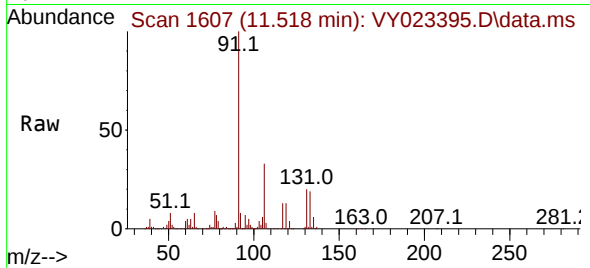




#67
Ethyl Benzene
Concen: 20.001 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

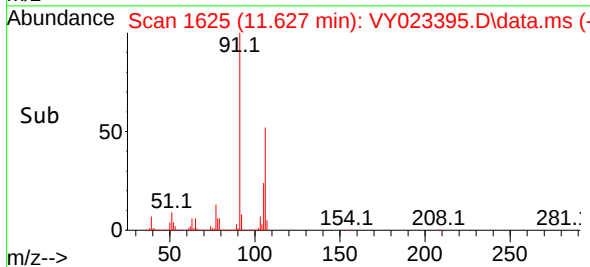
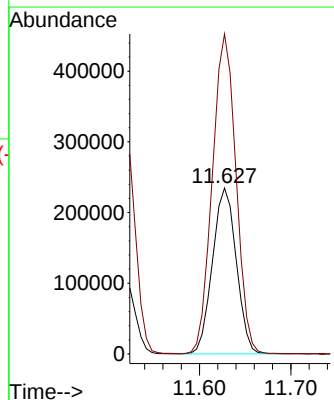
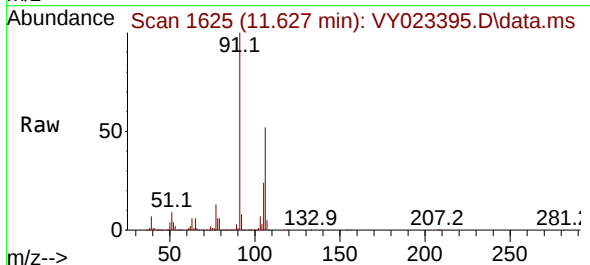
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

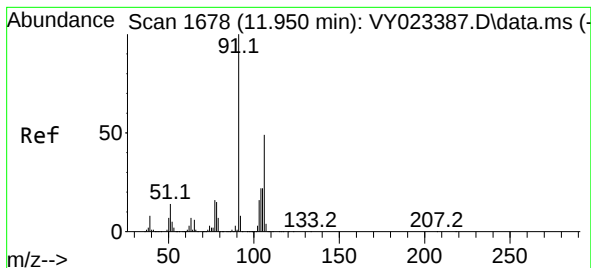
Tgt Ion: 91 Resp: 521976
Ion Ratio Lower Upper
91 100
106 33.3 25.8 38.8



#68
m/p-Xylenes
Concen: 40.540 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion:106 Resp: 424368
Ion Ratio Lower Upper
106 100
91 192.5 152.6 229.0





#69

o-Xylene

Concen: 19.845 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

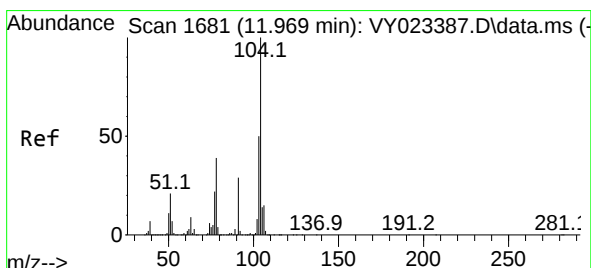
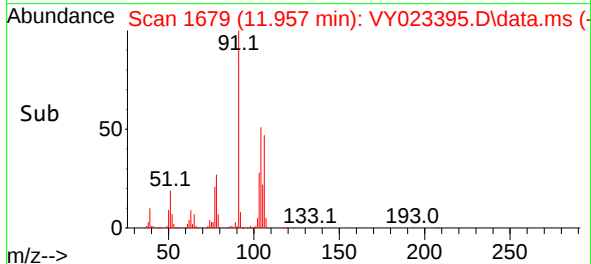
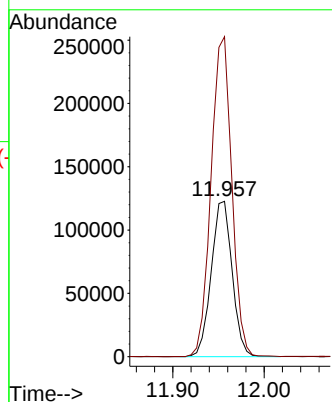
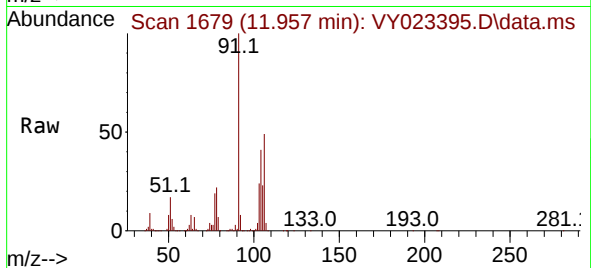
VY1008SBS01

Tgt Ion:106 Resp: 194851

Ion Ratio Lower Upper

106 100

91 204.5 101.4 304.1



#70

Styrene

Concen: 20.159 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

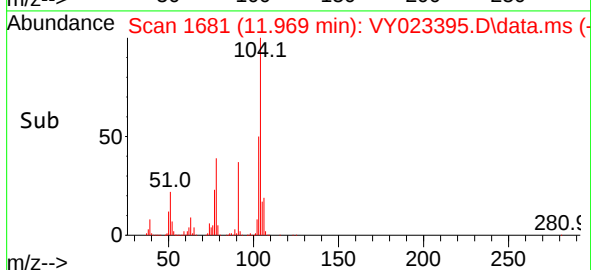
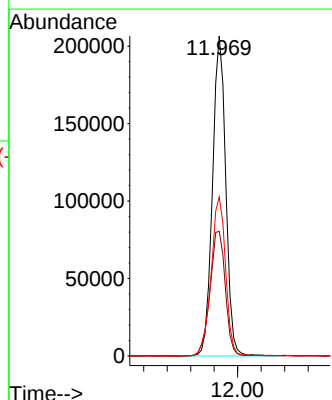
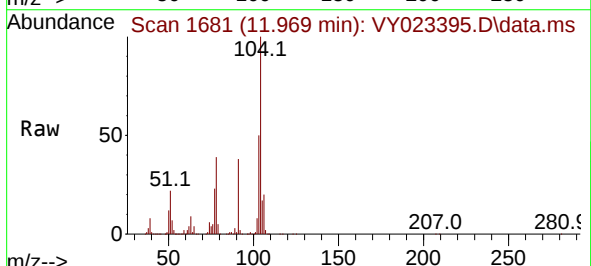
Tgt Ion:104 Resp: 325494

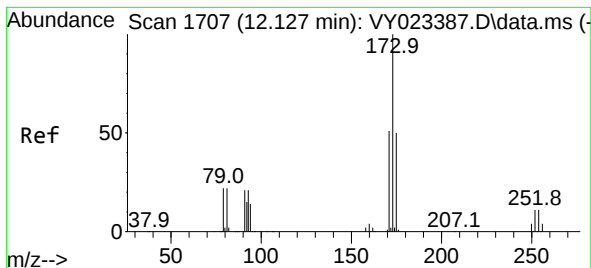
Ion Ratio Lower Upper

104 100

78 44.9 36.1 54.1

103 54.0 43.2 64.8





#71

Bromoform

Concen: 19.318 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

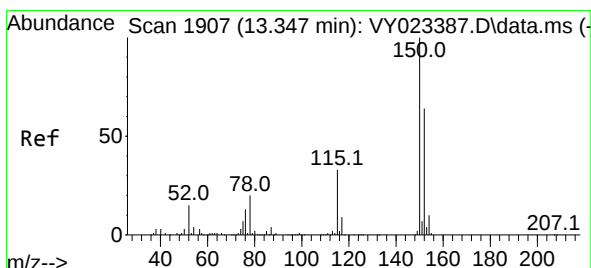
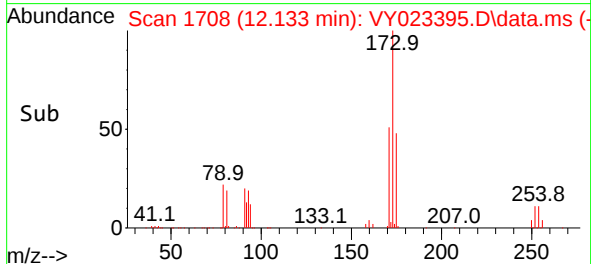
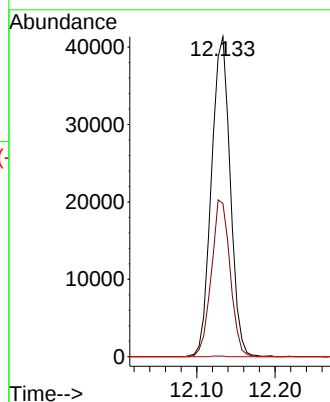
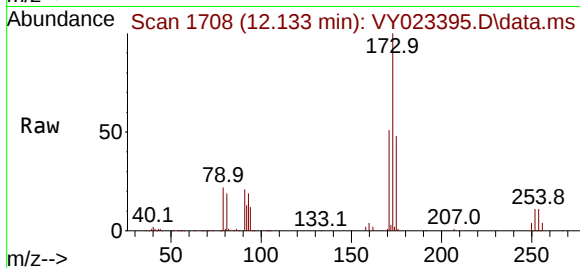
Tgt Ion:173 Resp: 68848

Ion Ratio Lower Upper

173 100

175 48.9 24.8 74.3

254 0.1 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: VY023395.D

Acq: 08 Oct 2025 09:58

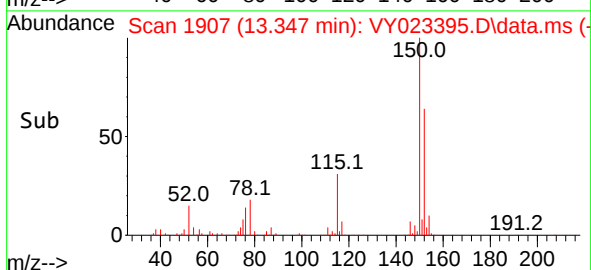
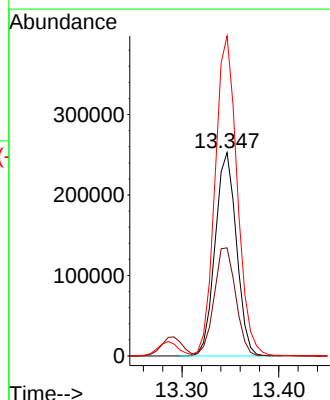
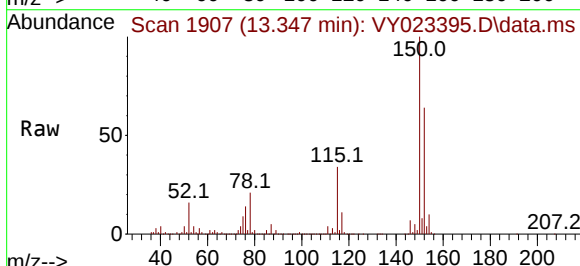
Tgt Ion:152 Resp: 386371

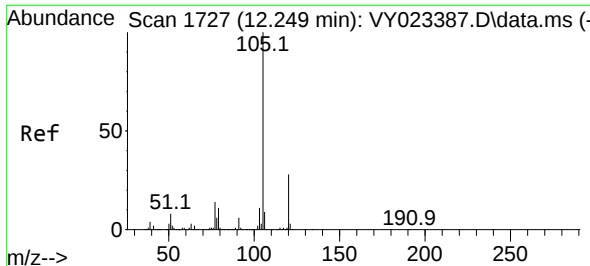
Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.2

150 163.6 0.0 347.4

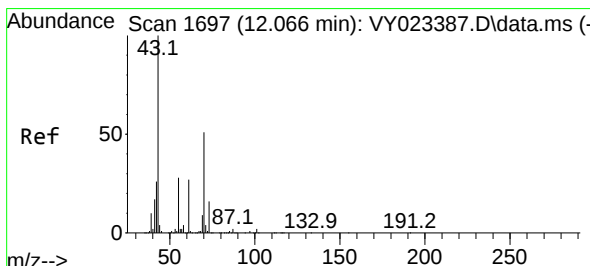
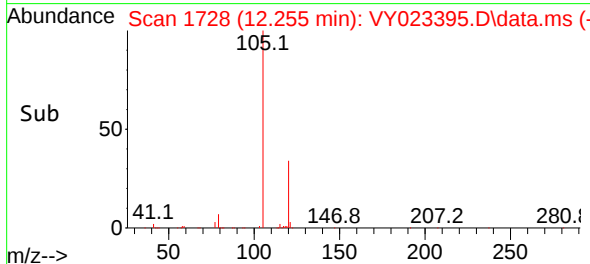
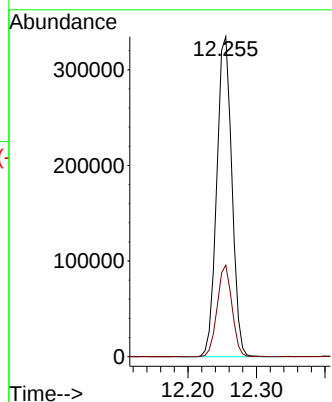
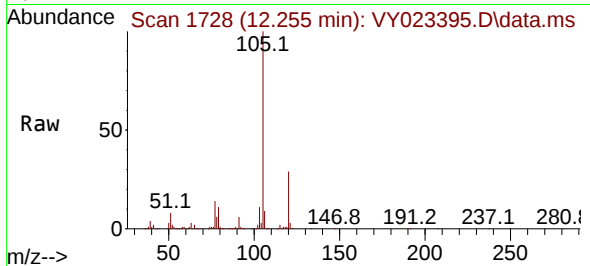




#73
Isopropylbenzene
Concen: 20.043 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

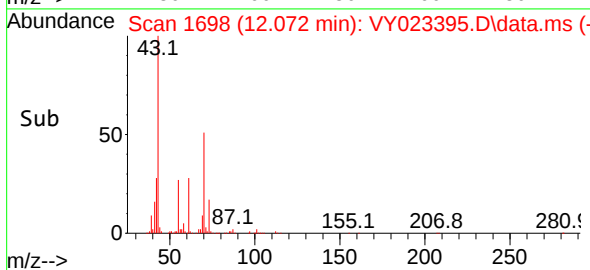
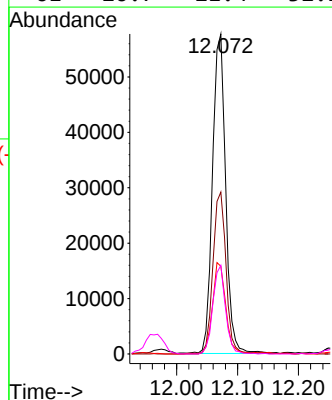
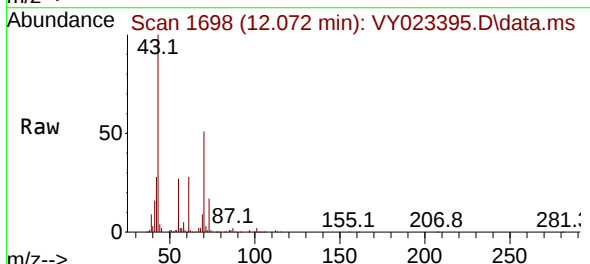
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

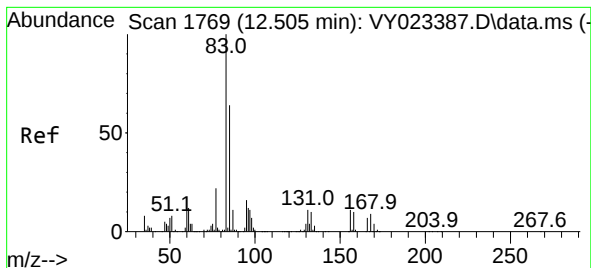
Tgt Ion:105 Resp: 510333
Ion Ratio Lower Upper
105 100
120 27.9 13.9 41.7



#74
N-ethyl acetate
Concen: 18.902 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 43 Resp: 86446
Ion Ratio Lower Upper
43 100
70 50.1 41.1 61.7
55 29.0 23.0 34.6
61 26.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.743 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

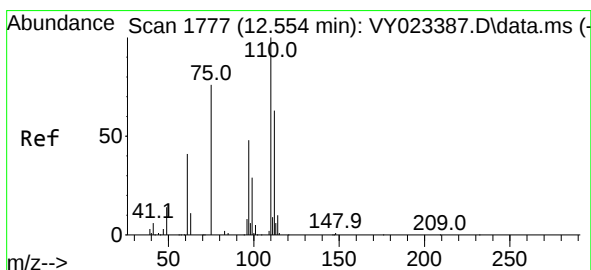
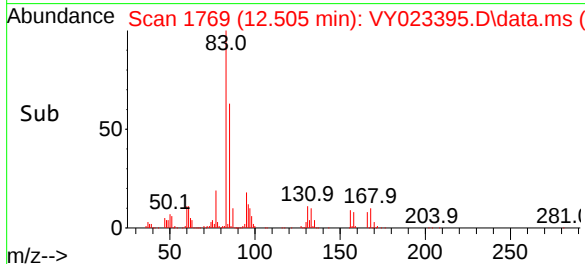
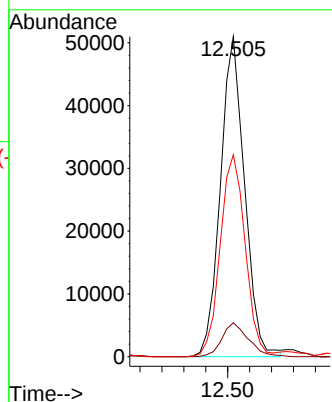
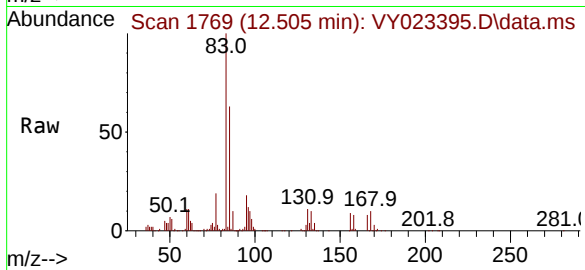
Tgt Ion: 83 Resp: 78057

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.6

85 65.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 31.734 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023395.D

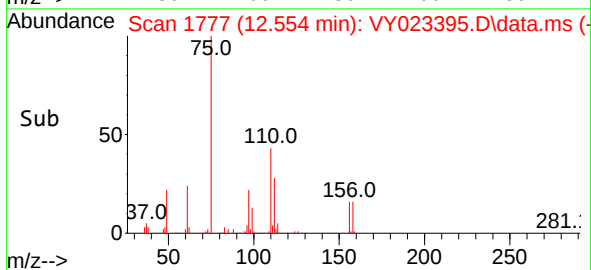
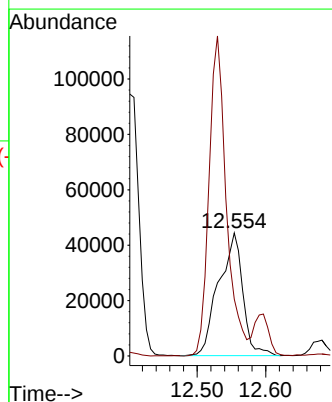
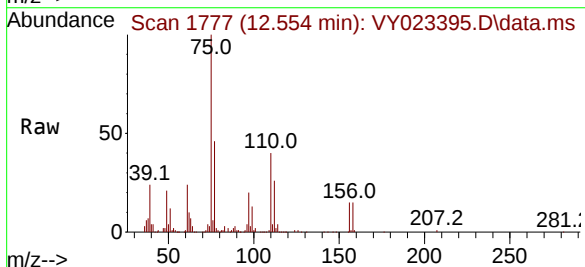
Acq: 08 Oct 2025 09:58

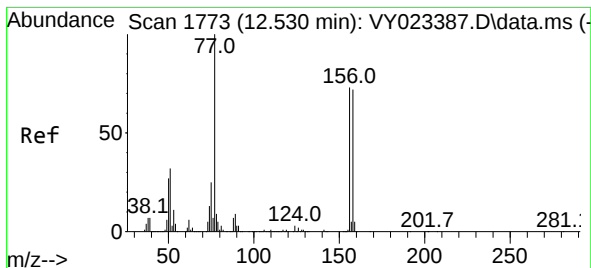
Tgt Ion: 75 Resp: 108174

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.049 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

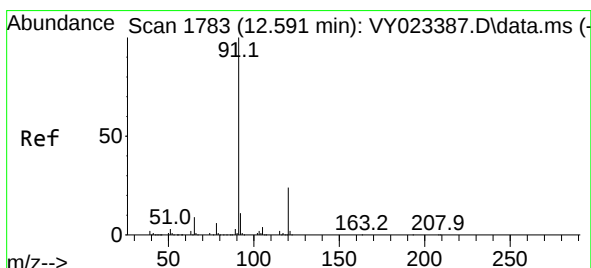
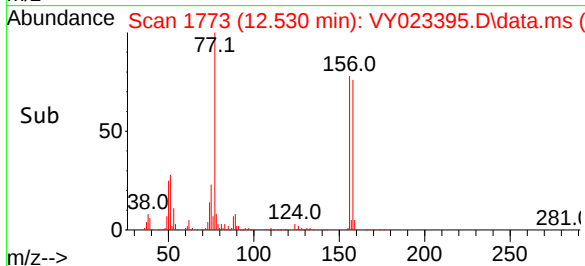
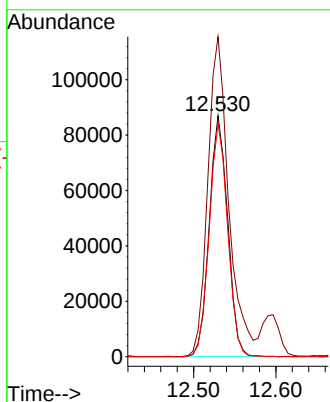
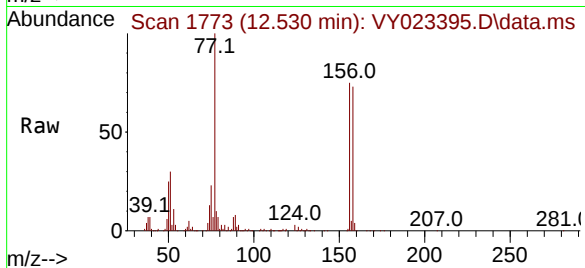
Tgt Ion:156 Resp: 135714

Ion Ratio Lower Upper

156 100

77 150.0 76.8 230.5

158 96.5 49.0 147.2



#78

n-propylbenzene

Concen: 20.280 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023395.D

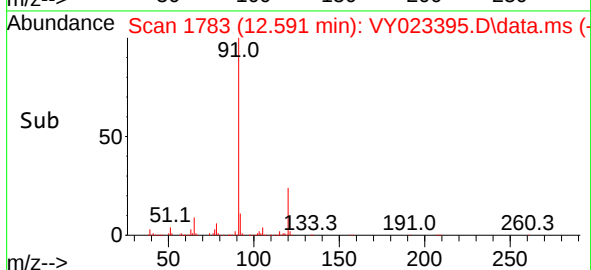
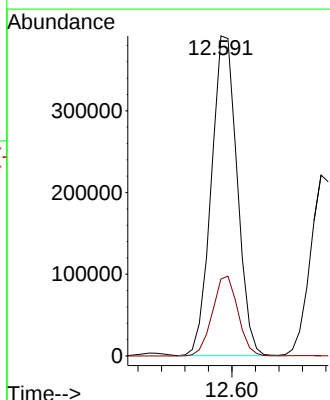
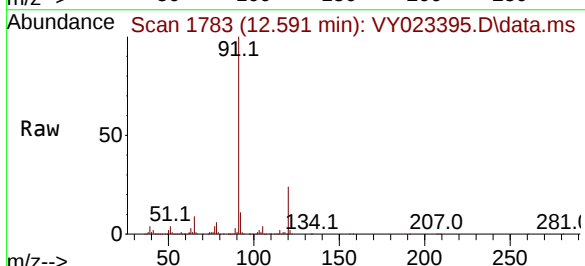
Acq: 08 Oct 2025 09:58

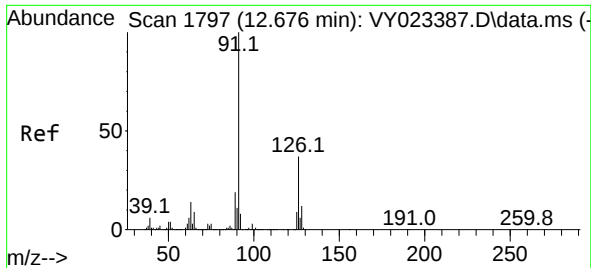
Tgt Ion: 91 Resp: 597545

Ion Ratio Lower Upper

91 100

120 24.7 12.3 36.8

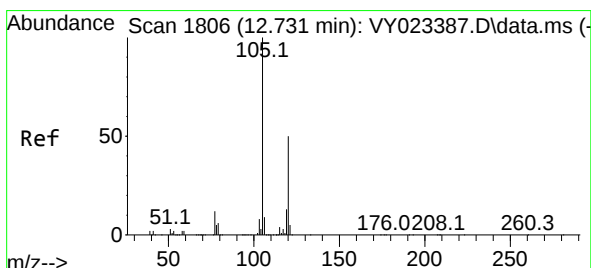
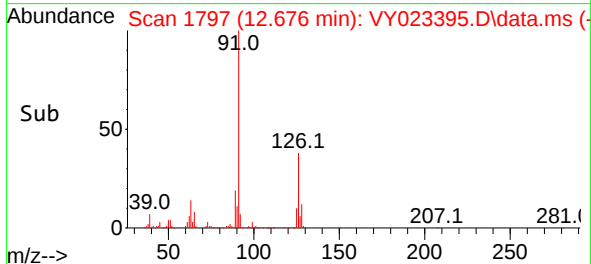
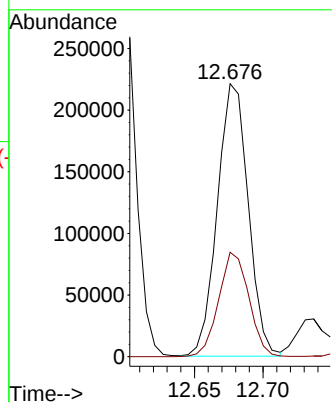
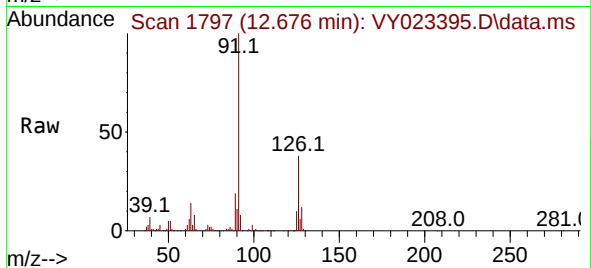




#79
2-Chlorotoluene
Concen: 20.131 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

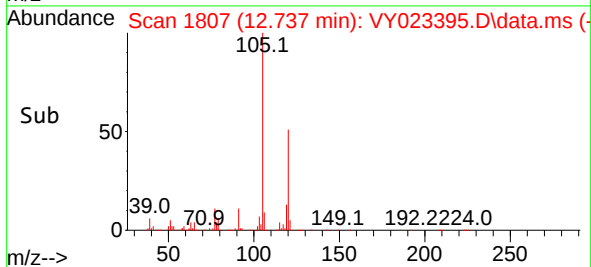
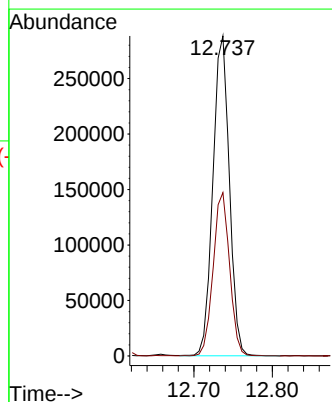
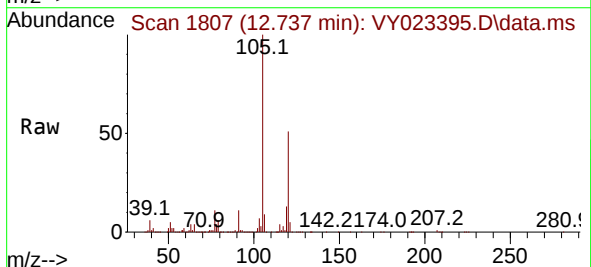
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

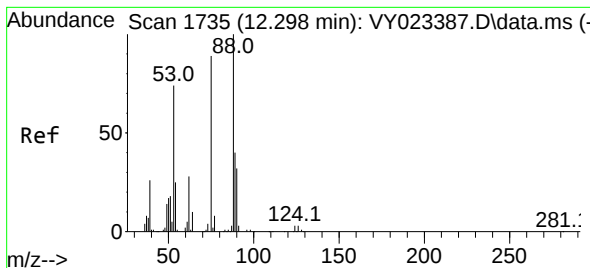
Tgt Ion: 91 Resp: 347355
Ion Ratio Lower Upper
91 100
126 37.5 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 20.412 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 105 Resp: 419996
Ion Ratio Lower Upper
105 100
120 50.9 25.4 76.4

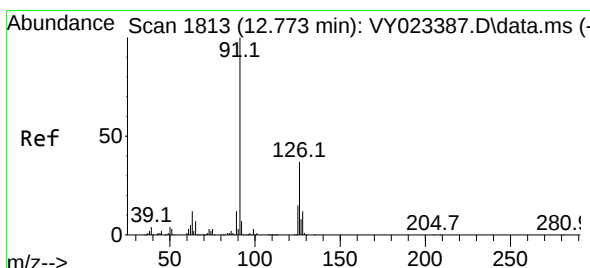
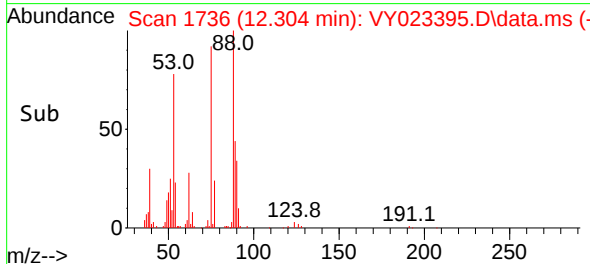
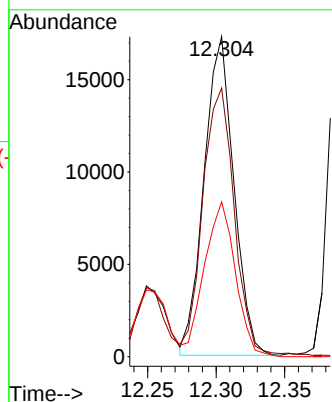
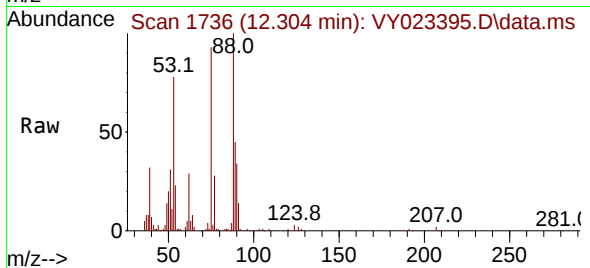




#81
trans-1,4-Dichloro-2-butene
Concen: 18.798 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

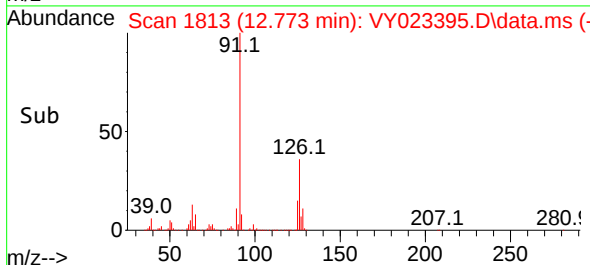
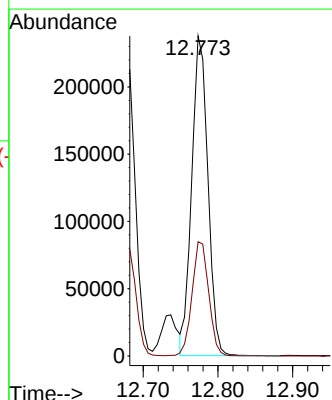
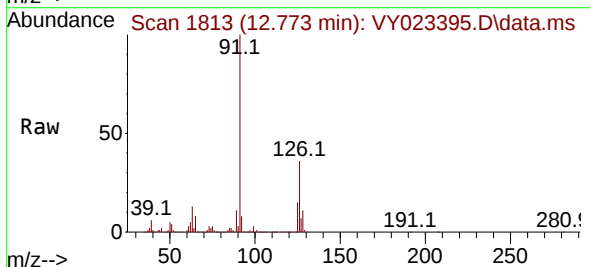
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

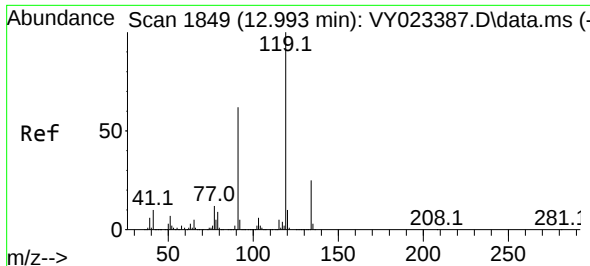
Tgt Ion: 75 Resp: 26132
Ion Ratio Lower Upper
75 100
53 90.1 68.6 102.8
89 50.8 39.0 58.4



#82
4-Chlorotoluene
Concen: 20.063 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion: 91 Resp: 356529
Ion Ratio Lower Upper
91 100
126 36.9 18.4 55.4

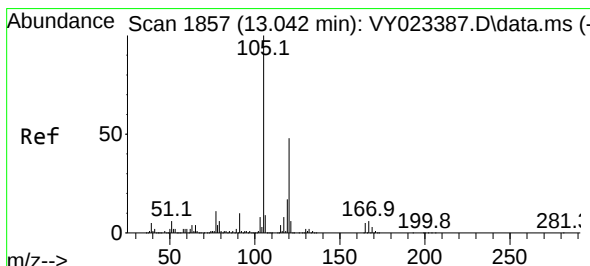
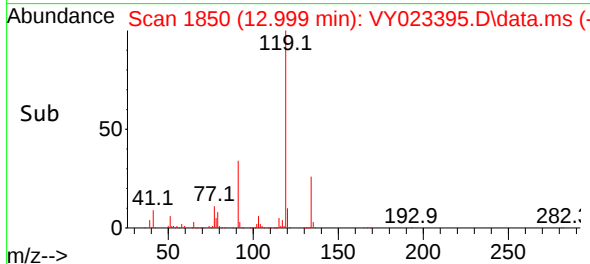
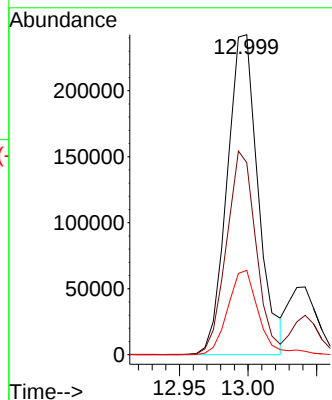
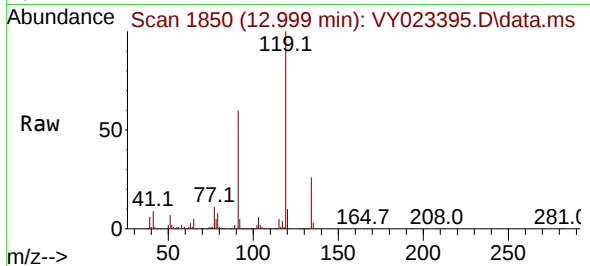




#83
tert-Butylbenzene
Concen: 20.163 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

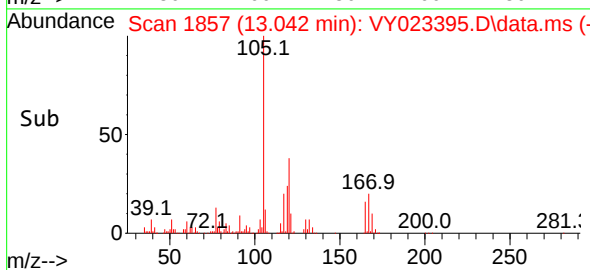
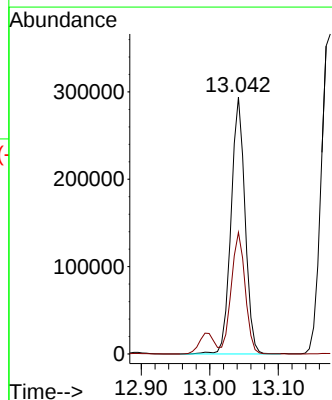
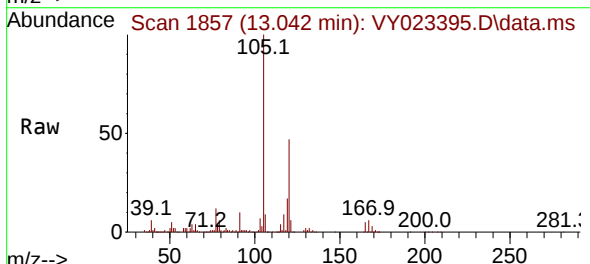
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBS01

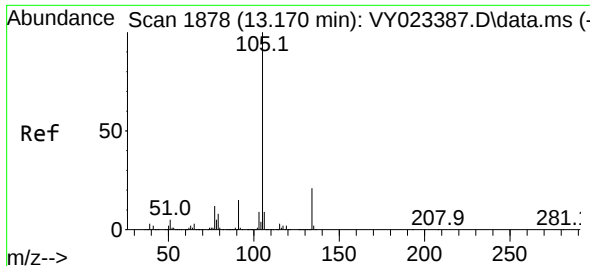
Tgt Ion:119 Resp: 383051
Ion Ratio Lower Upper
119 100
91 60.6 29.9 89.8
134 26.3 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 20.243 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023395.D
Acq: 08 Oct 2025 09:58

Tgt Ion:105 Resp: 415665
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.2

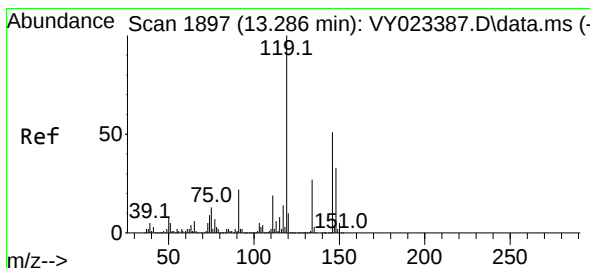
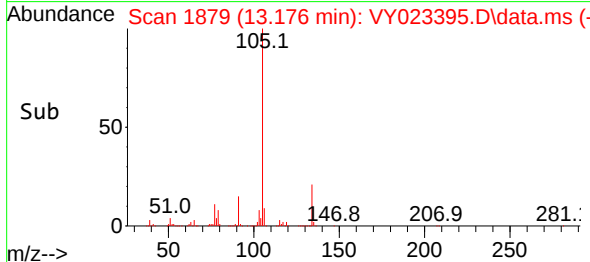
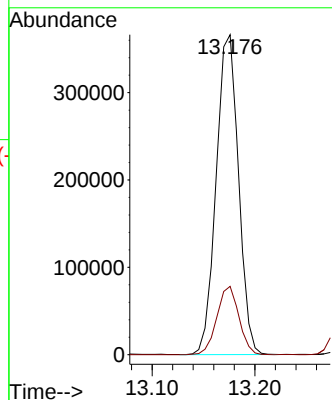
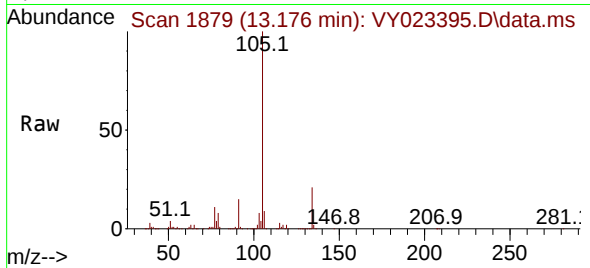




#85
 sec-Butylbenzene
 Concen: 20.227 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023395.D
 Acq: 08 Oct 2025 09:58

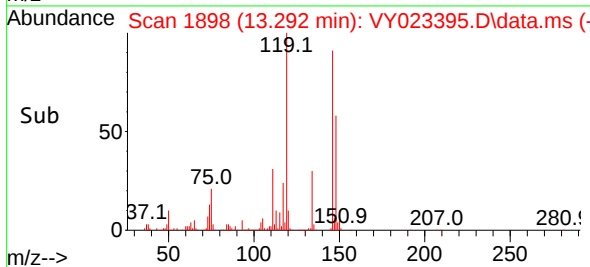
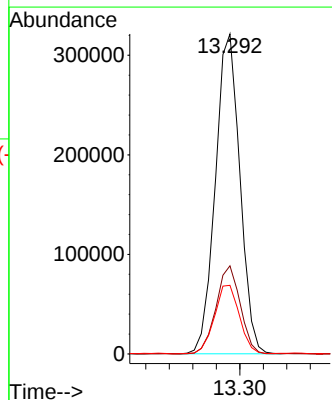
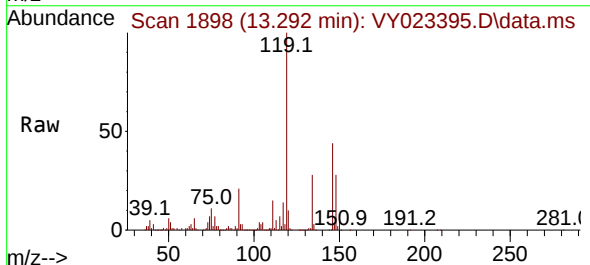
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008SBS01

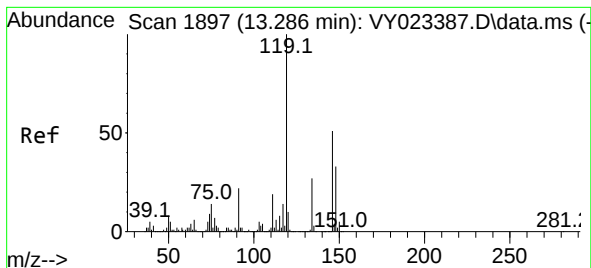
Tgt Ion:105 Resp: 551210
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 20.068 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023395.D
 Acq: 08 Oct 2025 09:58

Tgt Ion:119 Resp: 465623
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 21.9 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 19.921 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

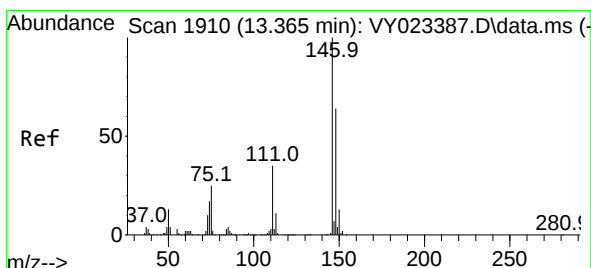
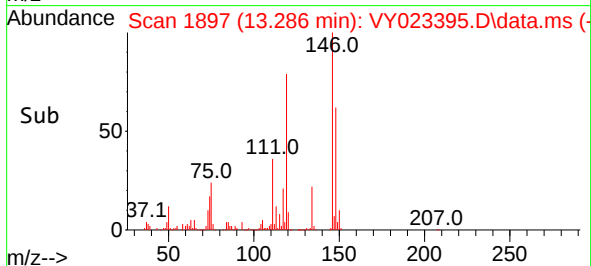
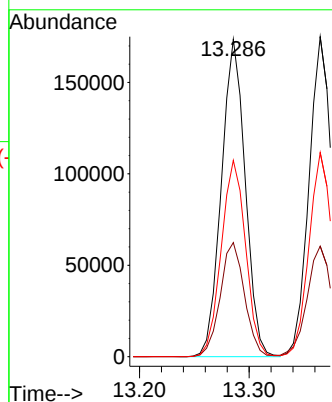
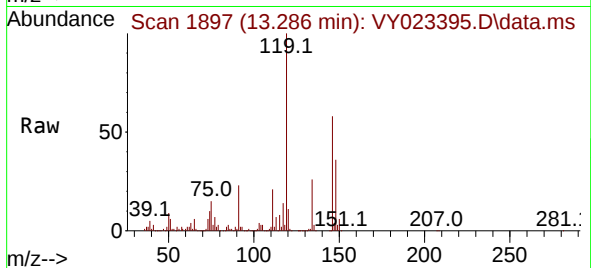
Tgt Ion:146 Resp: 262589

Ion Ratio Lower Upper

146 100

111 36.6 18.7 56.1

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.795 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

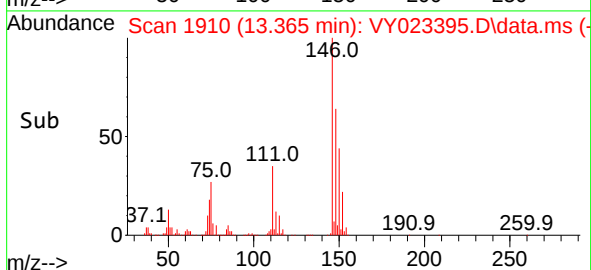
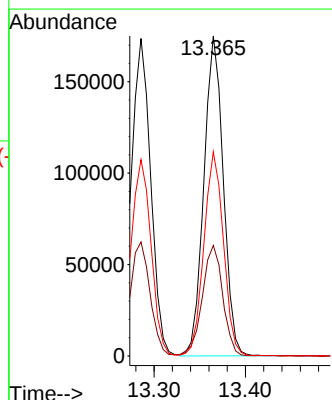
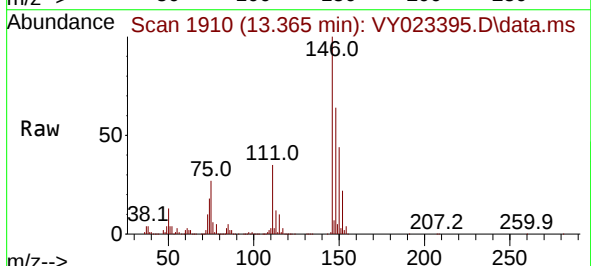
Tgt Ion:146 Resp: 257711

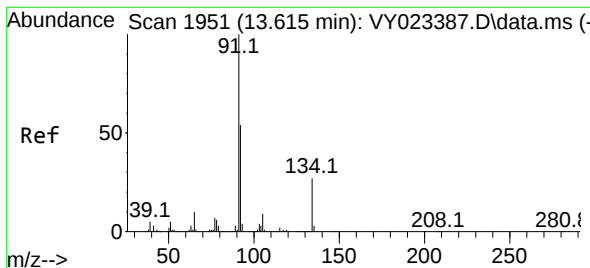
Ion Ratio Lower Upper

146 100

111 36.3 18.0 54.0

148 64.6 31.9 95.7





#89

n-Butylbenzene

Concen: 20.029 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

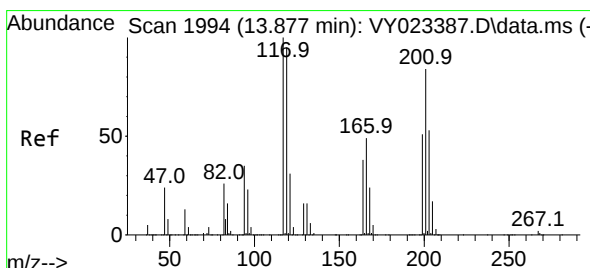
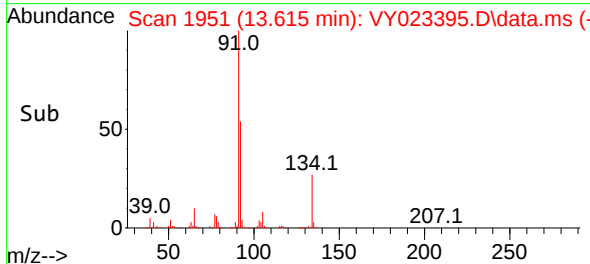
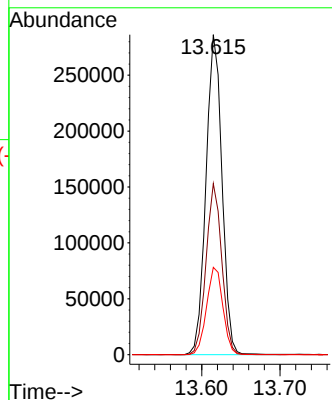
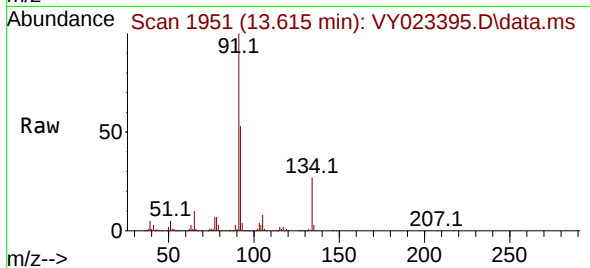
Tgt Ion: 91 Resp: 404933

Ion Ratio Lower Upper

91 100

92 52.6 27.0 80.8

134 27.9 14.1 42.2



#90

Hexachloroethane

Concen: 20.233 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023395.D

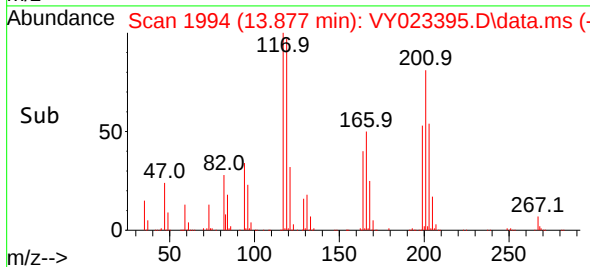
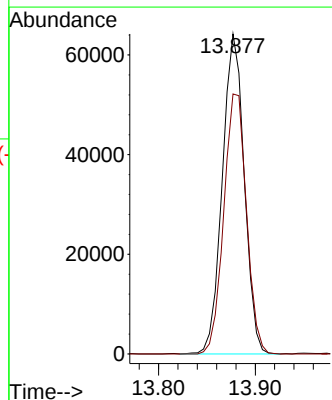
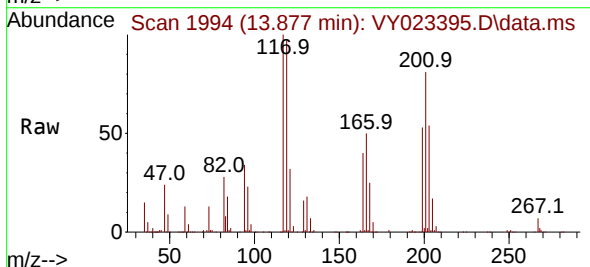
Acq: 08 Oct 2025 09:58

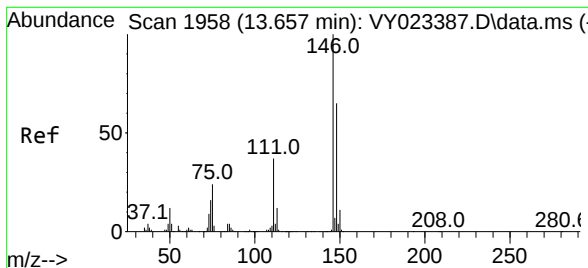
Tgt Ion: 117 Resp: 100974

Ion Ratio Lower Upper

117 100

201 84.1 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 19.776 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

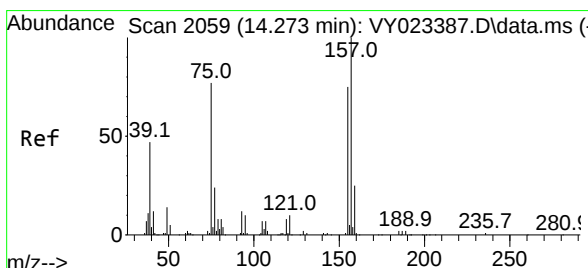
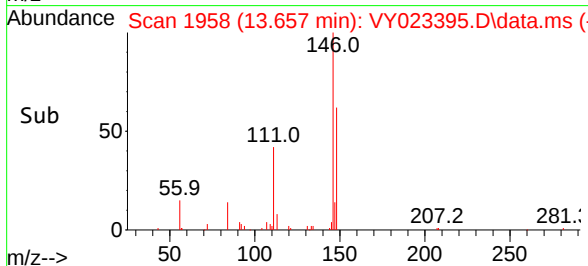
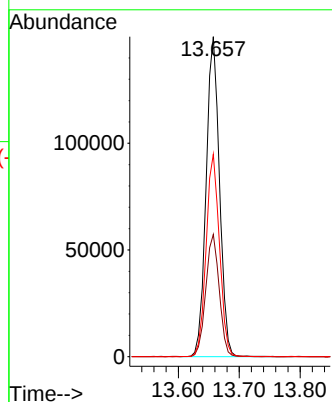
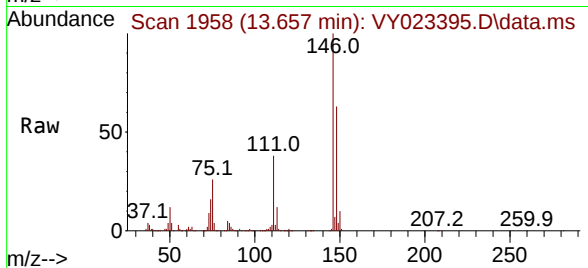
Tgt Ion:146 Resp: 228549

Ion Ratio Lower Upper

146 100

111 38.5 19.0 57.0

148 63.3 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.520 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

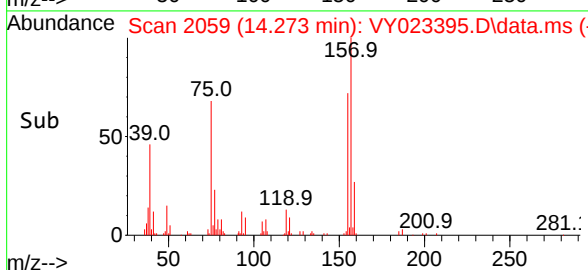
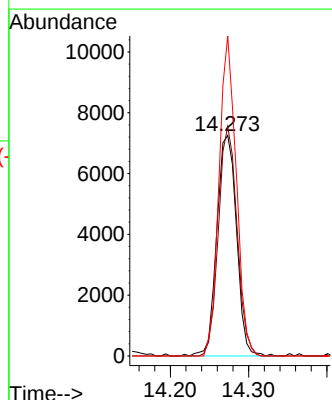
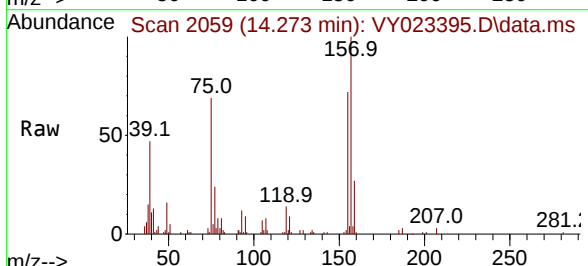
Tgt Ion: 75 Resp: 12655

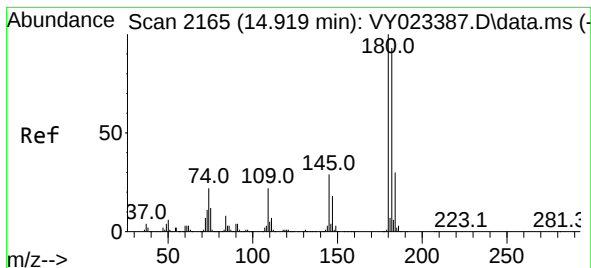
Ion Ratio Lower Upper

75 100

155 98.4 50.0 150.0

157 126.8 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 19.176 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

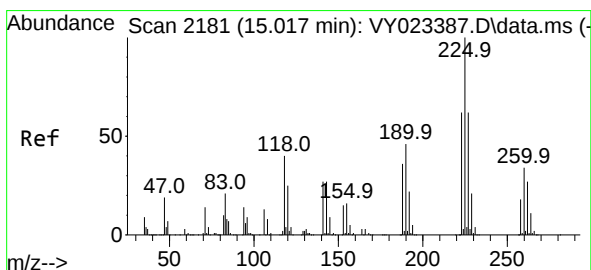
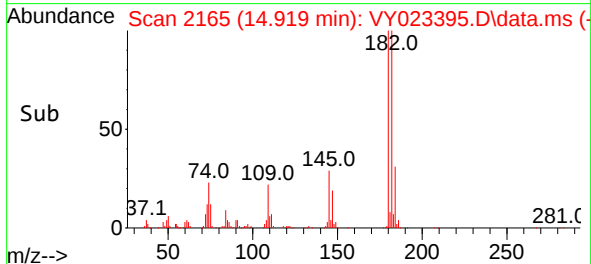
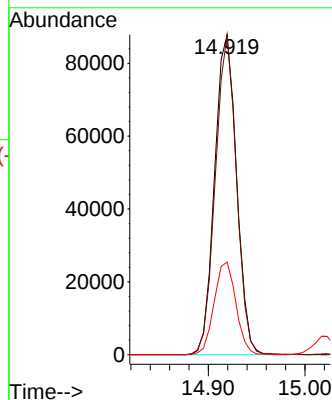
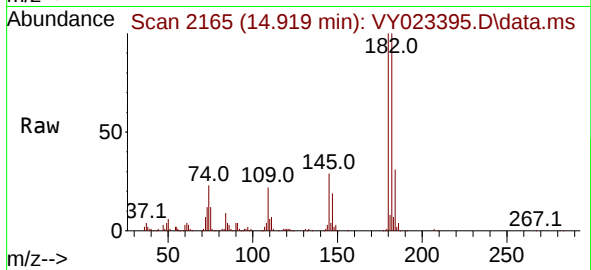
Tgt Ion:180 Resp: 138161

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.6

145 28.8 14.7 44.1



#94

Hexachlorobutadiene

Concen: 19.937 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

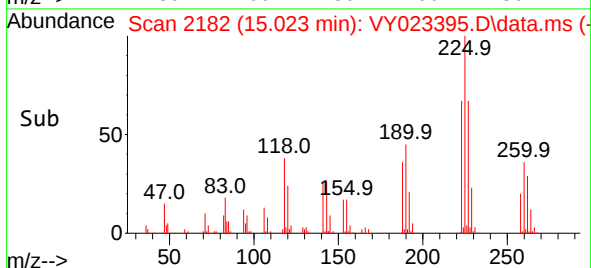
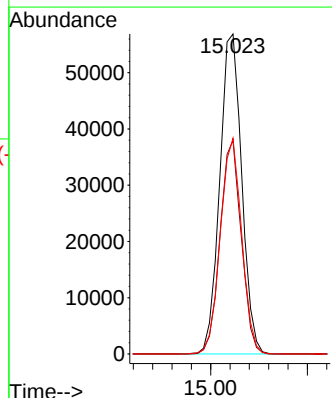
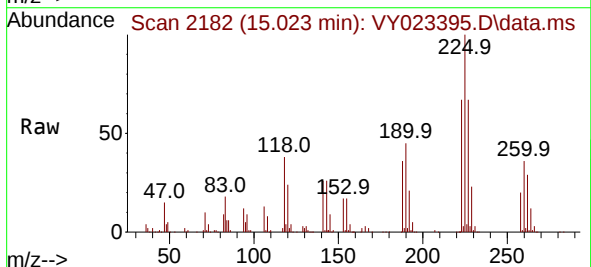
Tgt Ion:225 Resp: 89540

Ion Ratio Lower Upper

225 100

223 64.3 30.8 92.3

227 65.5 31.9 95.7





#95

Naphthalene

Concen: 17.776 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBS01

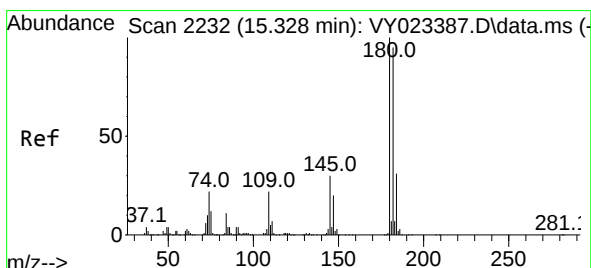
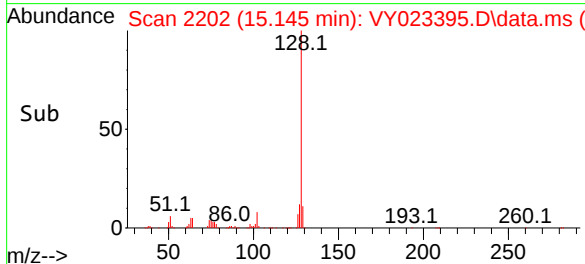
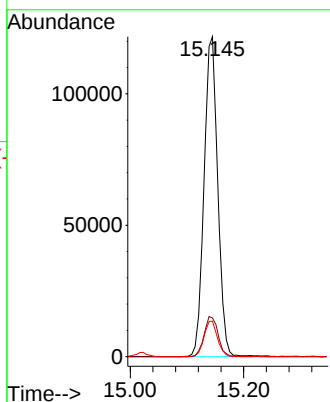
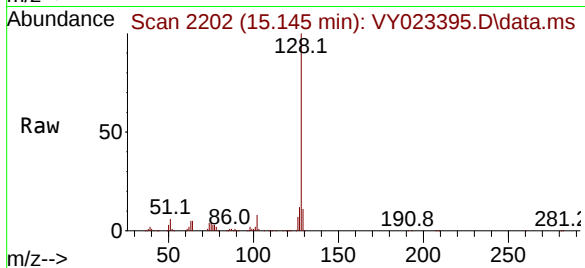
Tgt Ion:128 Resp: 203940

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.308 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023395.D

Acq: 08 Oct 2025 09:58

Tgt Ion:180 Resp: 120494

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.8

145 30.3 15.3 45.9

