

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101325\
 Data File : VY023450.D
 Acq On : 13 Oct 2025 10:19
 Operator : SY/MD
 Sample : VY1013SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Quant Time: Oct 14 04:16:31 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	7.713	168	544257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	796520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	703510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	363546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	213514	46.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.820%
35) Dibromofluoromethane	7.634	113	241473	49.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.680%
50) Toluene-d8	10.109	98	909096	49.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.408	95	284148	47.220	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	81617	20.834	ug/l	99
3) Chloromethane	2.074	50	104156	19.517	ug/l	98
4) Vinyl Chloride	2.208	62	135510	19.495	ug/l	99
5) Bromomethane	2.598	94	119525	20.491	ug/l	99
6) Chloroethane	2.739	64	95717	20.201	ug/l	97
7) Trichlorofluoromethane	3.062	101	189382	19.623	ug/l	99
8) Diethyl Ether	3.464	74	48430	19.204	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	103368	20.640	ug/l	98
10) Methyl Iodide	4.007	142	117808	21.130	ug/l	99
11) Tert butyl alcohol	4.854	59	28430	83.968	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	99979	20.593	ug/l	97
13) Acrolein	3.653	56	33816	70.683	ug/l	97
14) Allyl chloride	4.391	41	115516	19.524	ug/l	99
15) Acrylonitrile	5.067	53	89202	92.425	ug/l	98
16) Acetone	3.873	43	129900	119.891	ug/l	98
17) Carbon Disulfide	4.110	76	282941	20.362	ug/l	99
18) Methyl Acetate	4.391	43	48356	17.014	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	222264	19.048	ug/l	100
20) Methylene Chloride	4.622	84	110898	18.928	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	109247	20.439	ug/l	99
22) Diisopropyl ether	6.031	45	261848	20.007	ug/l	99
23) Vinyl Acetate	5.970	43	680510	96.062	ug/l	100
24) 1,1-Dichloroethane	5.921	63	177858	20.516	ug/l	97
25) 2-Butanone	6.896	43	136310	103.049	ug/l	99
26) 2,2-Dichloropropane	6.890	77	163786	20.589	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	128212	20.766	ug/l	96
28) Bromochloromethane	7.256	49	65482	20.233	ug/l	100
29) Tetrahydrofuran	7.268	42	64672	86.218	ug/l	97
30) Chloroform	7.427	83	197654	20.751	ug/l	99
31) Cyclohexane	7.707	56	149694	19.772	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	180284	20.828	ug/l	100
36) 1,1-Dichloropropene	7.841	75	135785	20.956	ug/l	100
37) Ethyl Acetate	6.988	43	48842	19.027	ug/l	98
38) Carbon Tetrachloride	7.823	117	167441	21.312	ug/l	99
39) Methylcyclohexane	9.116	83	167782	19.888	ug/l	99
40) Benzene	8.085	78	426906	20.804	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	24402	17.577	ug/l	92
42) 1,2-Dichloroethane	8.164	62	106625	20.148	ug/l	99
43) Isopropyl Acetate	8.201	43	94980	18.556	ug/l #	86
44) Trichloroethene	8.872	130	126621	21.083	ug/l	93
45) 1,2-Dichloropropane	9.146	63	93519	20.634	ug/l	94
46) Dibromomethane	9.237	93	58628	20.457	ug/l	98
47) Bromodichloromethane	9.426	83	147562	20.444	ug/l	98
48) Methyl methacrylate	9.225	41	43342	18.024	ug/l	96
49) 1,4-Dioxane	9.231	88	11961	359.962	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	241455	91.301	ug/l	100
52) Toluene	10.170	92	283950	21.312	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	125739	20.034	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	150986	20.383	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	78829	20.454	ug/l	98
56) Ethyl methacrylate	10.438	69	81422	18.315	ug/l	99
57) 1,3-Dichloropropane	10.719	76	122631	20.080	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	182599	91.688	ug/l	99
59) 2-Hexanone	10.762	43	191553	101.353	ug/l	99
60) Dibromochloromethane	10.914	129	110069	20.371	ug/l	100
61) 1,2-Dibromoethane	11.018	107	73533	20.006	ug/l	98
64) Tetrachloroethene	10.646	164	155533	21.411	ug/l	98
65) Chlorobenzene	11.444	112	318645	20.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	112815	20.690	ug/l	99
67) Ethyl Benzene	11.524	91	507198	20.478	ug/l	100
68) m/p-Xylenes	11.633	106	417519	42.028	ug/l	100
69) o-Xylene	11.956	106	190933	20.491	ug/l	98
70) Styrene	11.969	104	316422	20.650	ug/l	100
71) Bromoform	12.133	173	66678	19.714	ug/l #	99
73) Isopropylbenzene	12.255	105	498044	20.788	ug/l	100
74) N-amyl acetate	12.072	43	74689	17.356	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	75499	19.267	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	103198	32.175	ug/l #	100
77) Bromobenzene	12.530	156	132081	20.737	ug/l	98
78) n-propylbenzene	12.597	91	590377	21.294	ug/l	100
79) 2-Chlorotoluene	12.682	91	337495	20.788	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	412272	21.295	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24875	19.018	ug/l	99
82) 4-Chlorotoluene	12.779	91	351849	21.043	ug/l	100
83) tert-Butylbenzene	12.999	119	374062	20.926	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	411233	21.284	ug/l	99
85) sec-Butylbenzene	13.176	105	540234	21.069	ug/l	100
86) p-Isopropyltoluene	13.292	119	460758	21.105	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	255018	20.561	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	253345	20.682	ug/l	98
89) n-Butylbenzene	13.615	91	387701	20.381	ug/l	99
90) Hexachloroethane	13.877	117	96253	20.498	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	222792	20.488	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11647	18.115	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	130978	19.321	ug/l	100
94) Hexachlorobutadiene	15.023	225	86146	20.386	ug/l	98
95) Naphthalene	15.145	128	188273	17.441	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	112083	19.088	ug/l	100

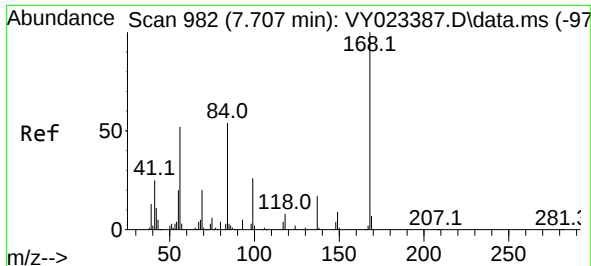
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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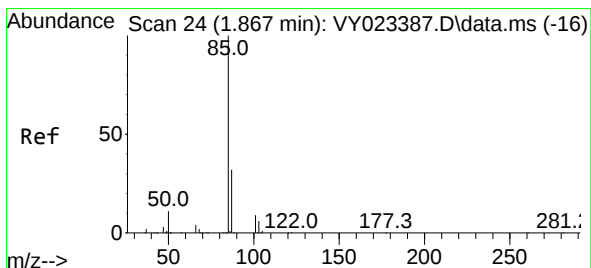
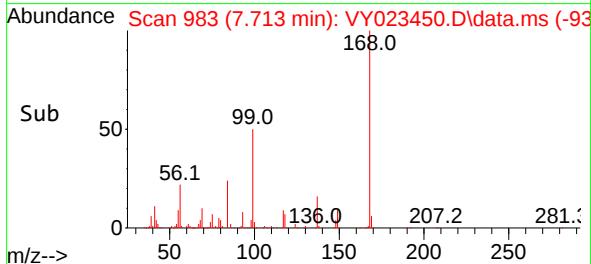
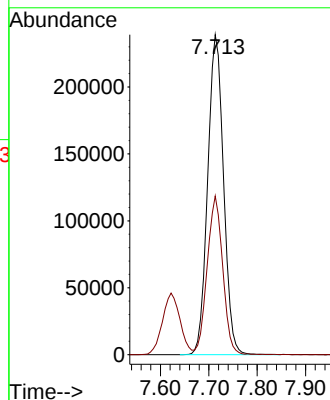
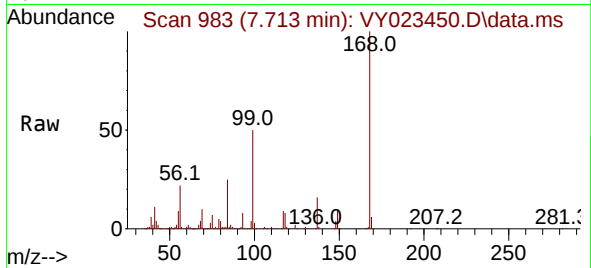
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

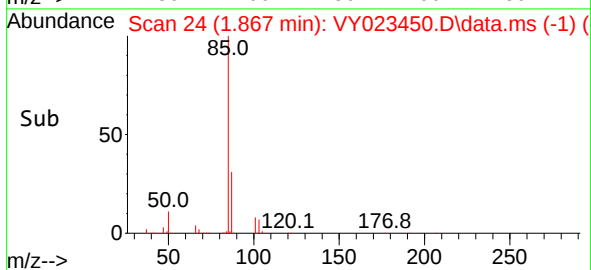
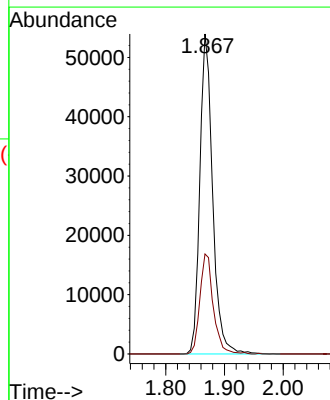
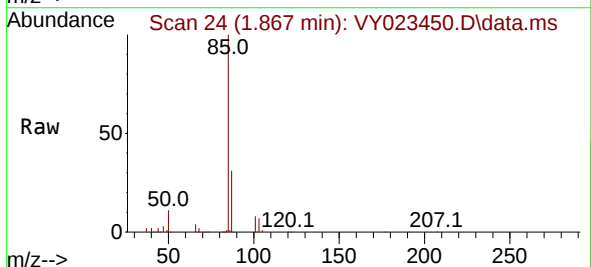
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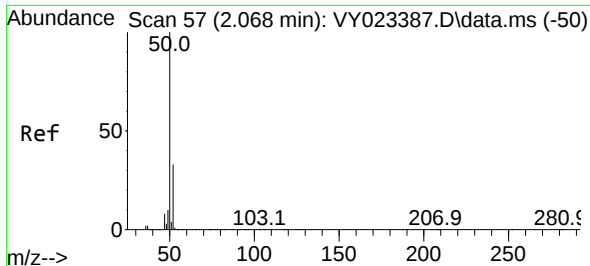
Tgt Ion:168 Resp: 544257
Ion Ratio Lower Upper
168 100
99 49.5 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 20.834 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 85 Resp: 81617
Ion Ratio Lower Upper
85 100
87 31.3 16.0 47.9

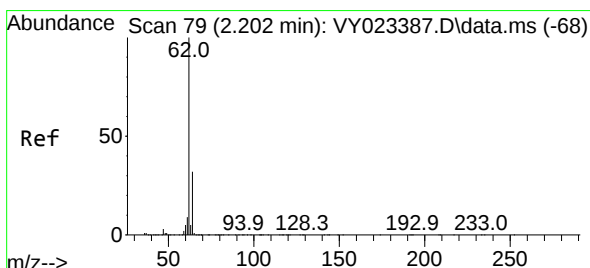
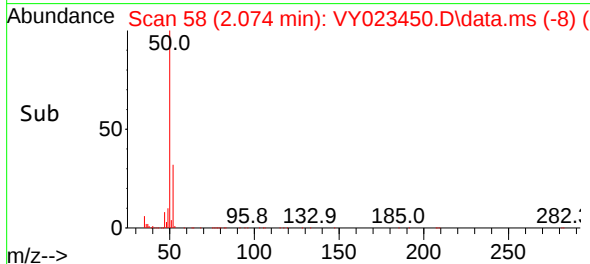
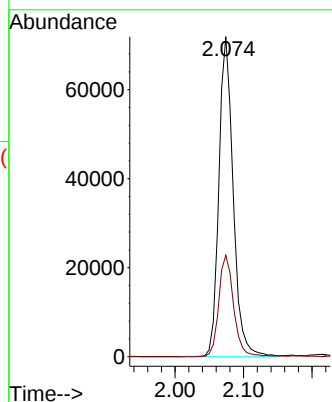
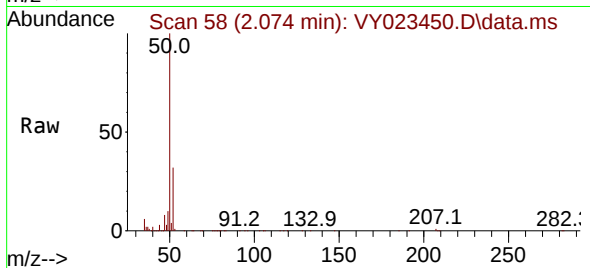




#3
Chloromethane
Concen: 19.517 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

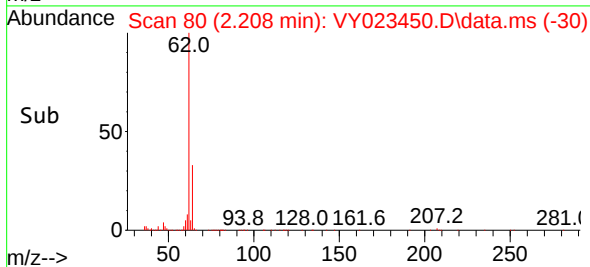
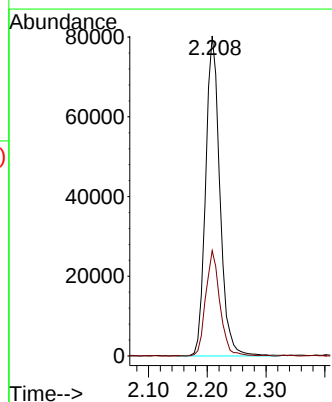
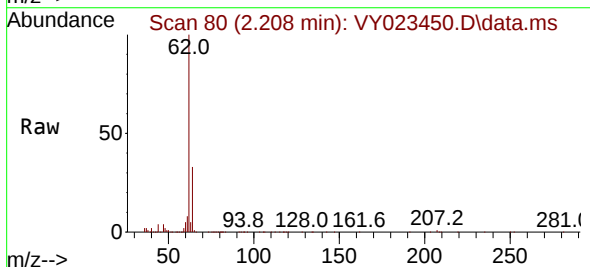
Instrument :
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ClientSampleId :
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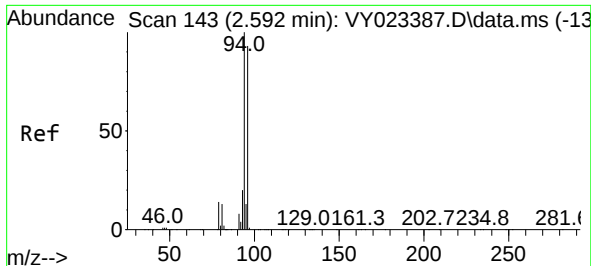
Tgt Ion: 50 Resp: 104156
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.2



#4
Vinyl Chloride
Concen: 19.495 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 62 Resp: 135510
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.8

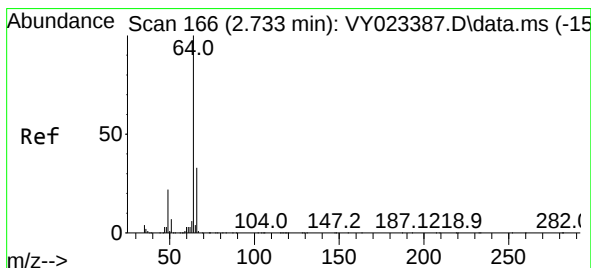
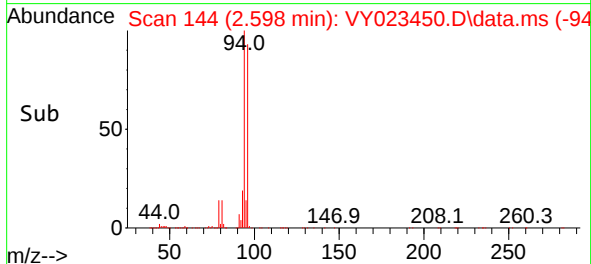
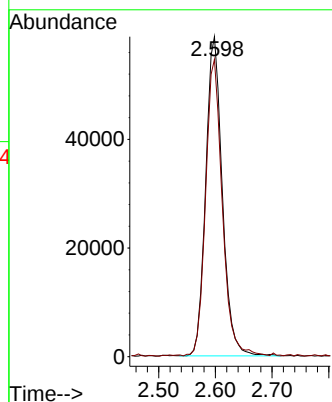
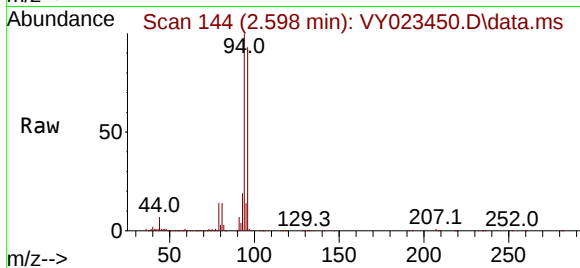




#5
Bromomethane
Concen: 20.491 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

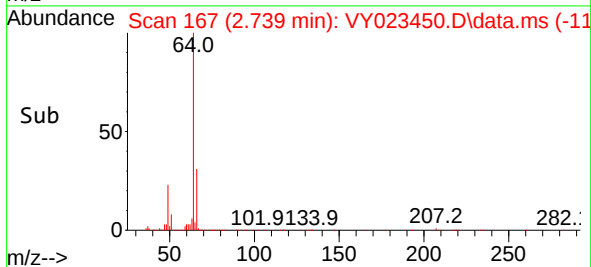
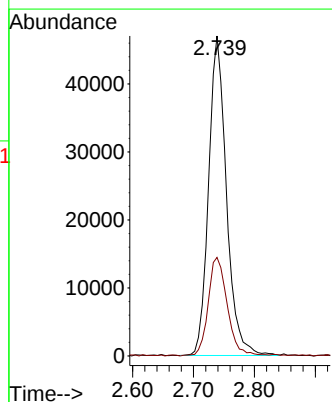
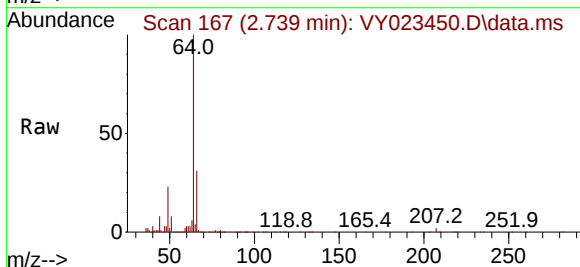
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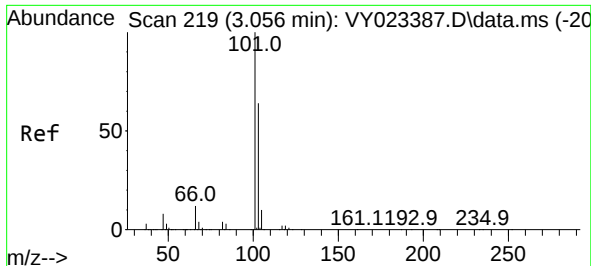
Tgt Ion: 94 Resp: 119525
Ion Ratio Lower Upper
94 100
96 92.6 74.5 111.7



#6
Chloroethane
Concen: 20.201 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 64 Resp: 95717
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4

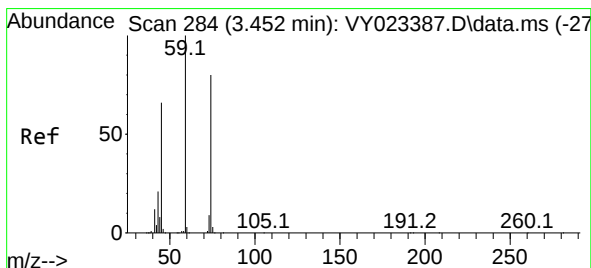
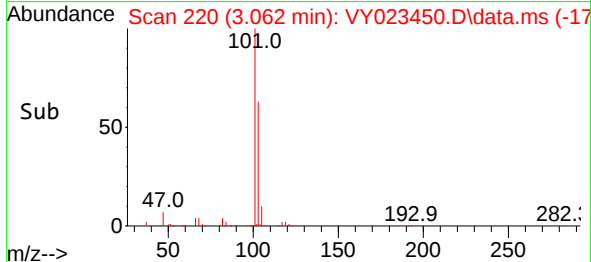
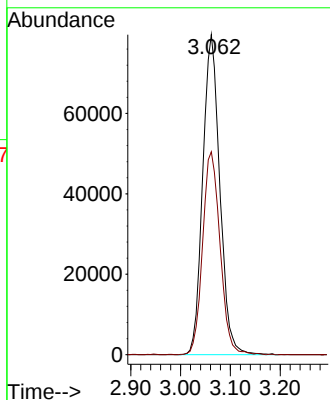
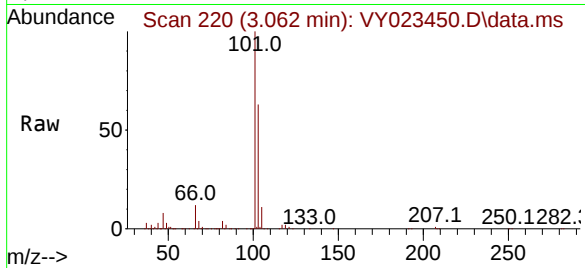




#7
Trichlorofluoromethane
Concen: 19.623 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

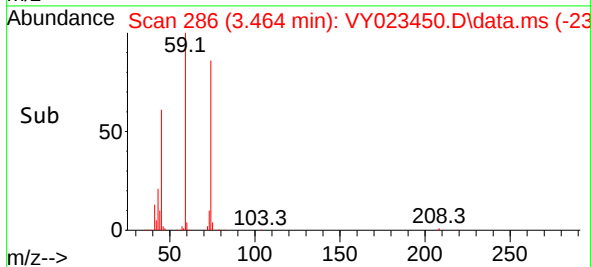
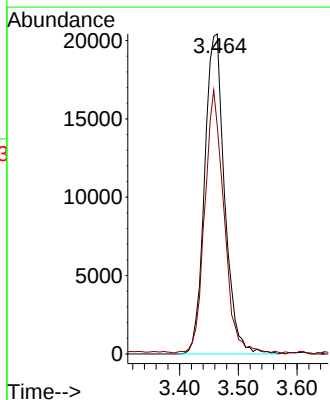
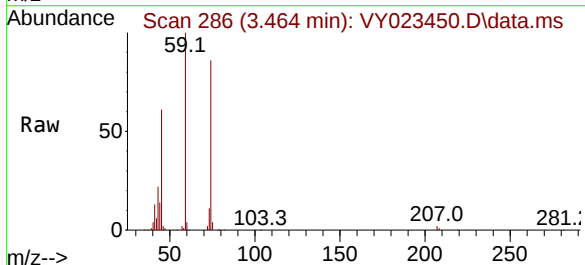
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

Tgt Ion:101 Resp: 189382
Ion Ratio Lower Upper
101 100
103 63.4 51.3 76.9



#8
Diethyl Ether
Concen: 19.204 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.012 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 74 Resp: 48430
Ion Ratio Lower Upper
74 100
45 78.7 39.9 119.7

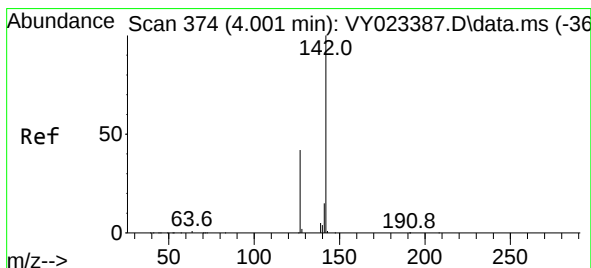
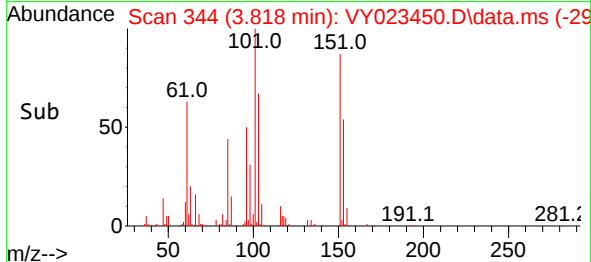
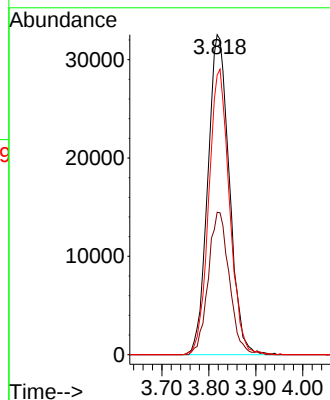
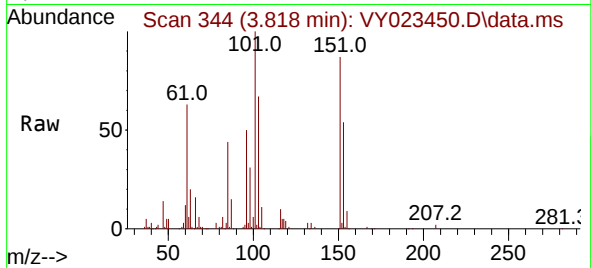




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.640 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023450.D
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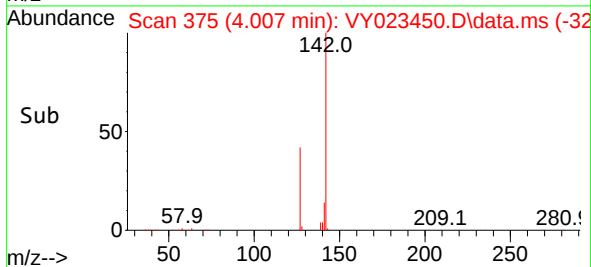
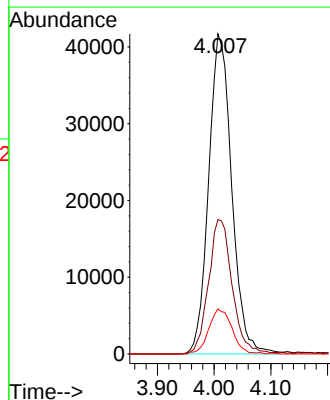
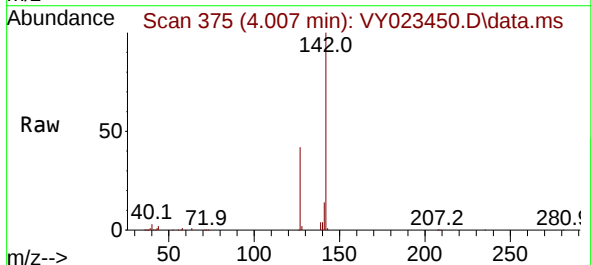
Instrument :
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ClientSampleId :
VY1013SBSD01

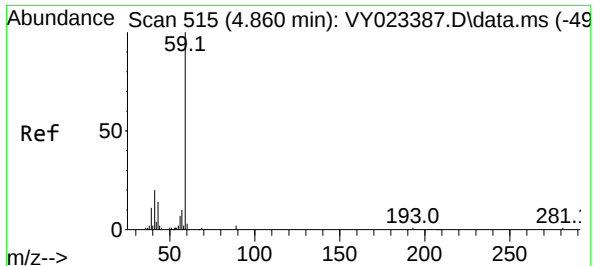
Tgt Ion:101 Resp: 103368
Ion Ratio Lower Upper
101 100
85 43.6 34.6 51.8
151 86.0 67.0 100.6



#10
Methyl Iodide
Concen: 21.130 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion:142 Resp: 117808
Ion Ratio Lower Upper
142 100
127 43.0 34.8 52.2
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 83.968 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

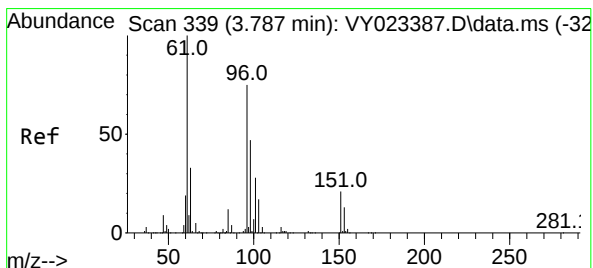
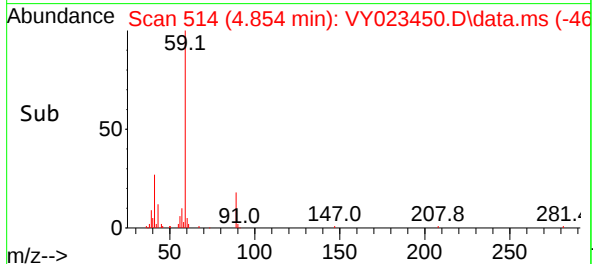
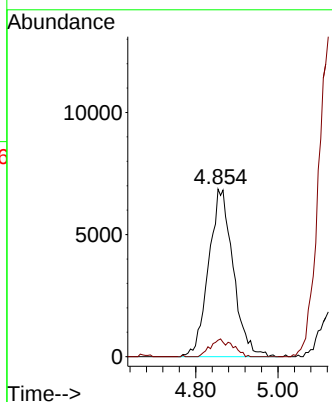
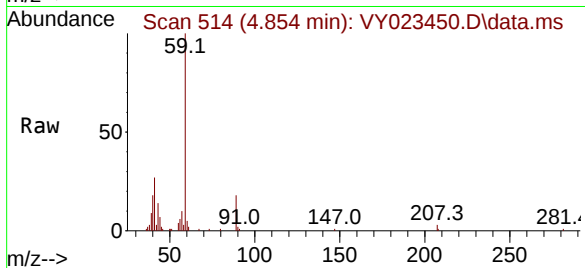
VY1013SBS01

Tgt Ion: 59 Resp: 28430

Ion Ratio Lower Upper

59 100

57 6.1 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 20.593 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

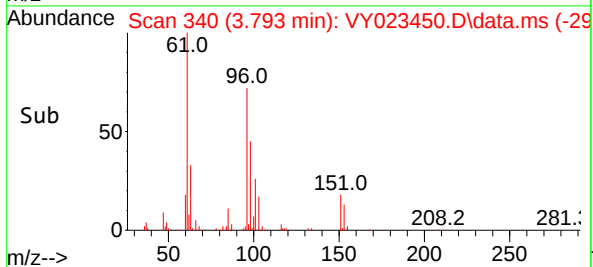
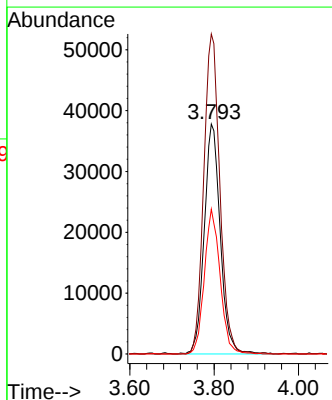
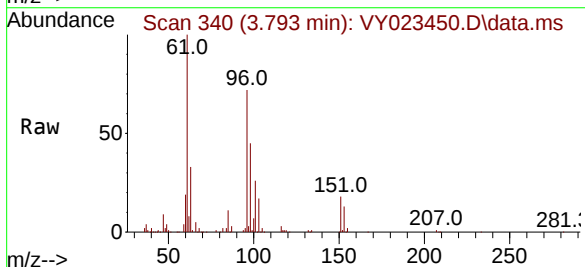
Tgt Ion: 96 Resp: 99979

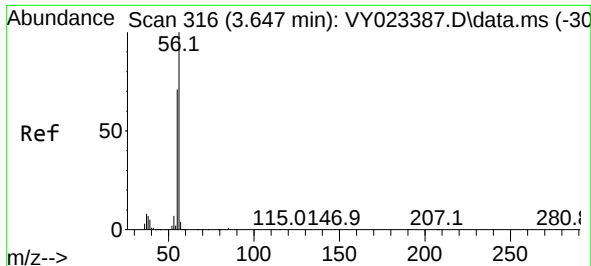
Ion Ratio Lower Upper

96 100

61 139.2 106.7 160.1

98 63.0 50.2 75.4

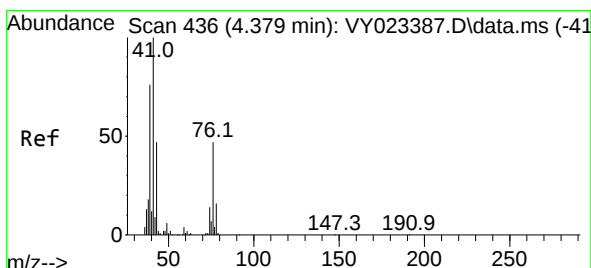
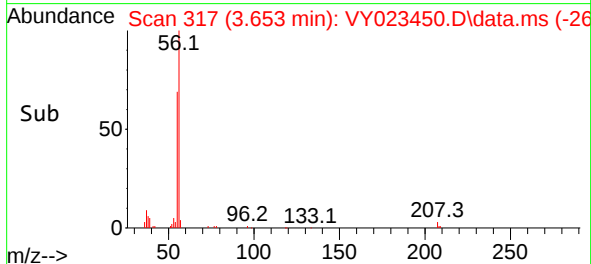
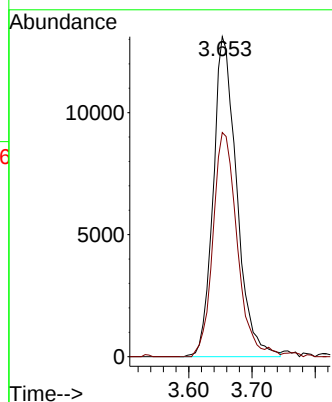
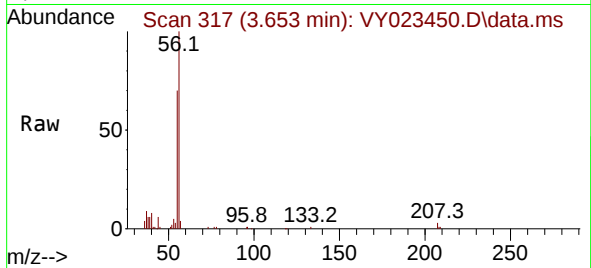




#13
Acrolein
Concen: 70.683 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

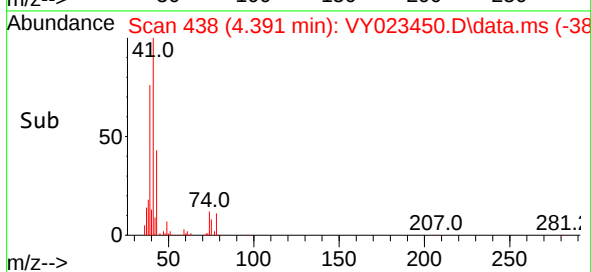
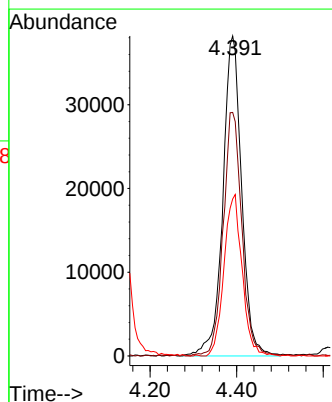
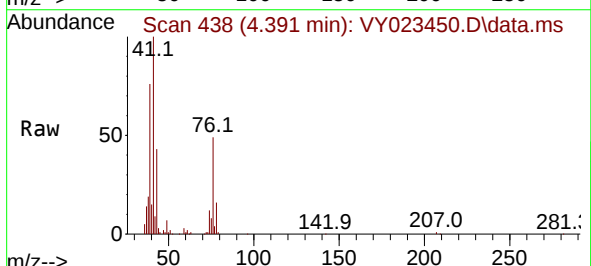
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

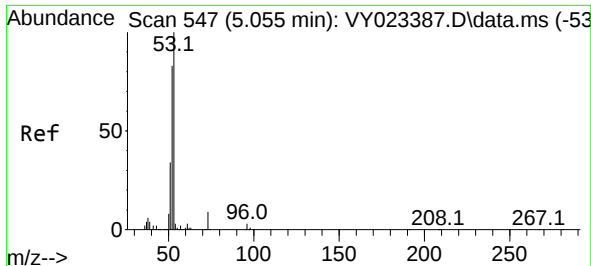
Tgt Ion: 56 Resp: 33816
Ion Ratio Lower Upper
56 100
55 72.2 56.1 84.1



#14
Allyl chloride
Concen: 19.524 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 41 Resp: 115516
Ion Ratio Lower Upper
41 100
39 75.5 59.9 89.9
76 48.6 38.0 57.0

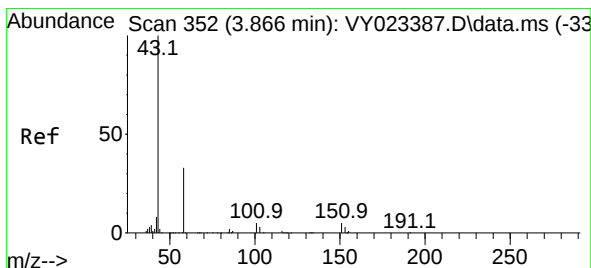
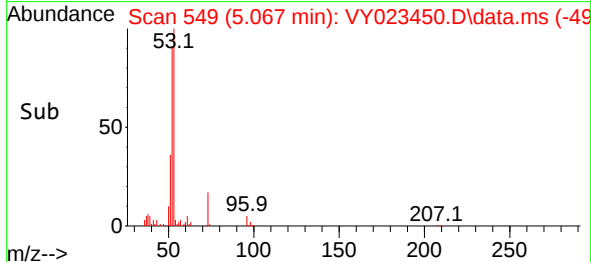
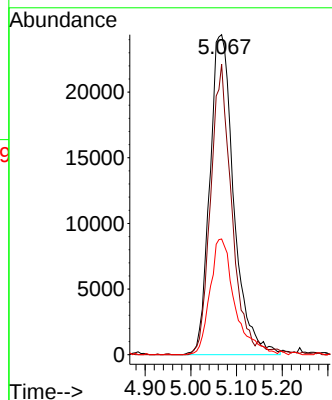
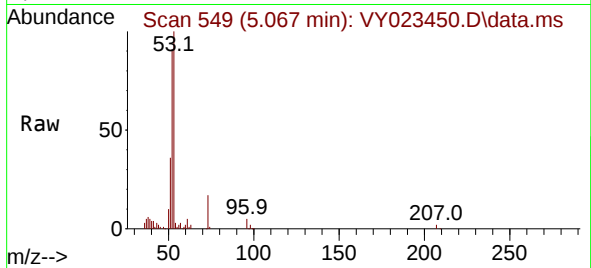




#15
Acrylonitrile
Concen: 92.425 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

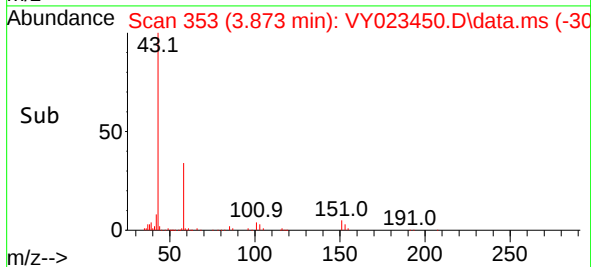
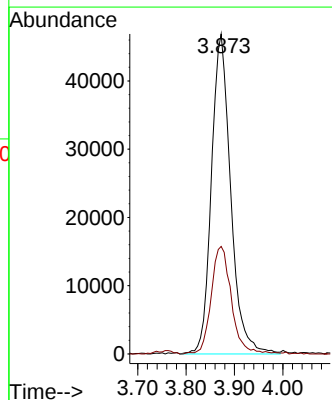
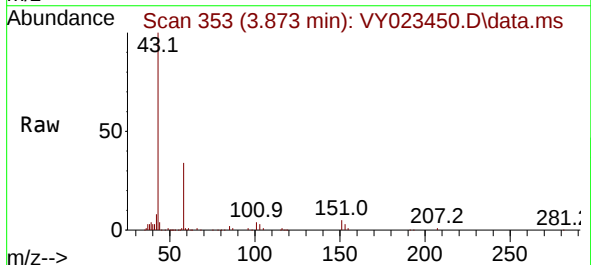
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

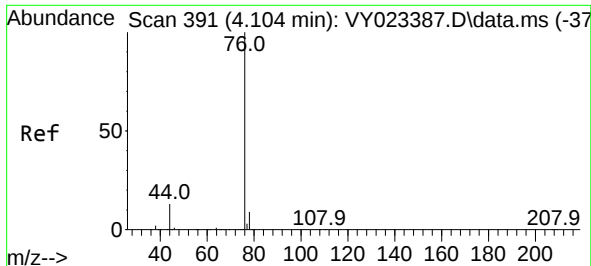
Tgt Ion: 53 Resp: 89202
Ion Ratio Lower Upper
53 100
52 78.2 64.6 97.0
51 37.3 29.5 44.3



#16
Acetone
Concen: 119.891 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 43 Resp: 129900
Ion Ratio Lower Upper
43 100
58 33.6 27.7 41.5

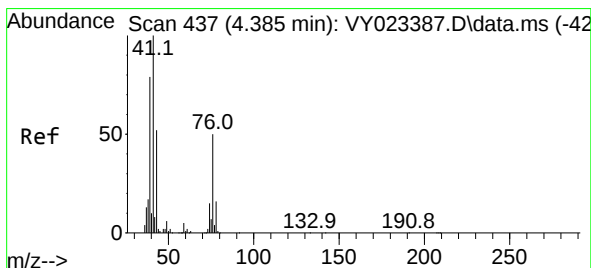
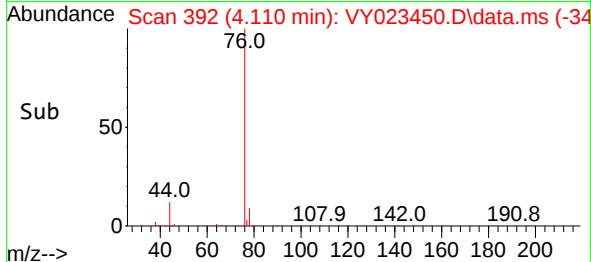
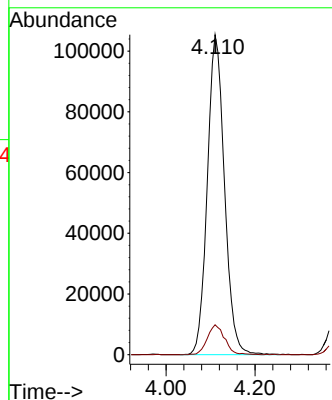
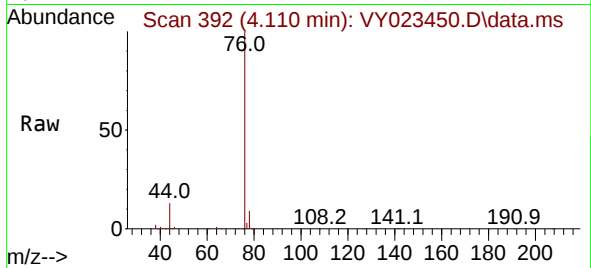




#17
Carbon Disulfide
Concen: 20.362 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

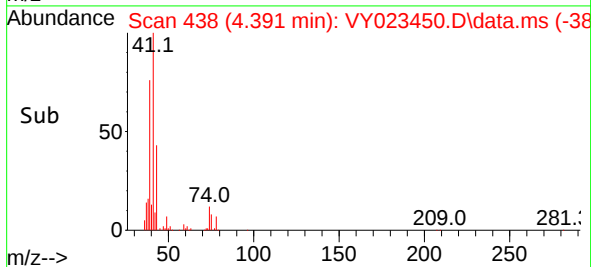
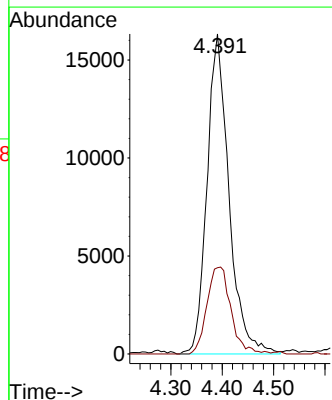
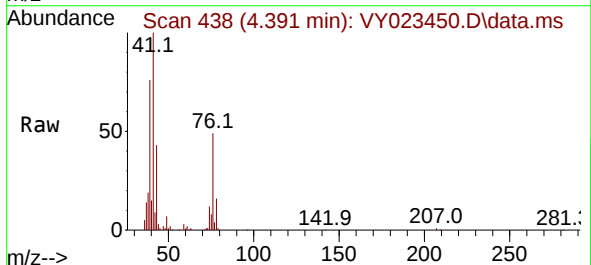
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion: 76 Resp: 282941
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 17.014 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 43 Resp: 48356
Ion Ratio Lower Upper
43 100
74 29.6 24.2 36.4

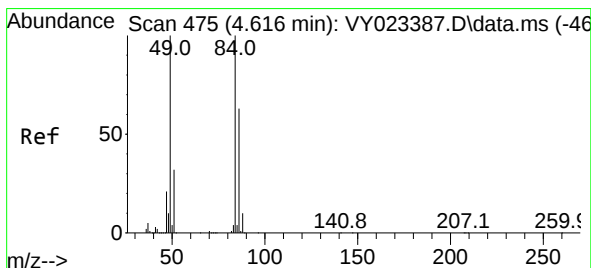
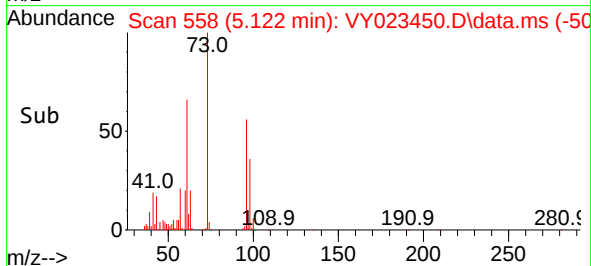
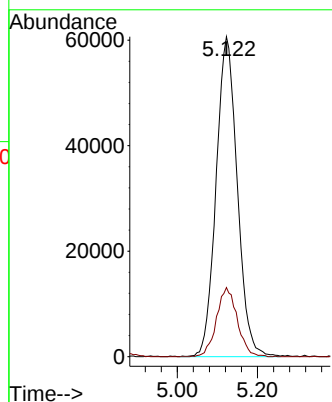
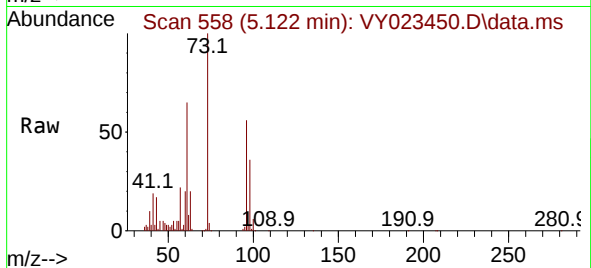




#19
Methyl tert-butyl Ether
Concen: 19.048 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

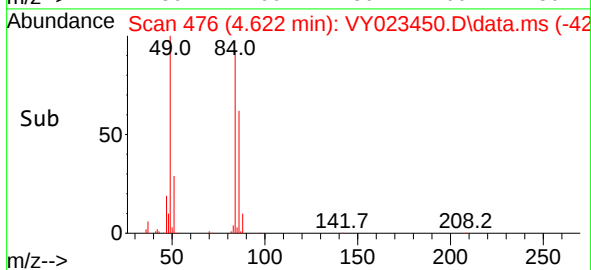
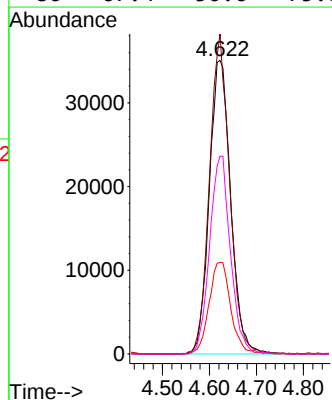
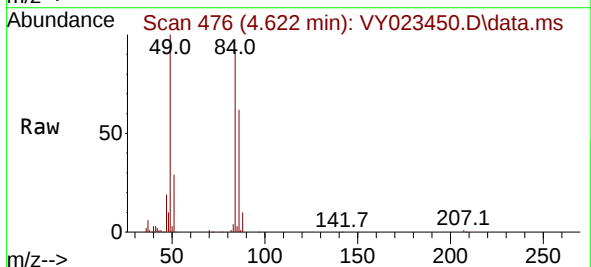
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

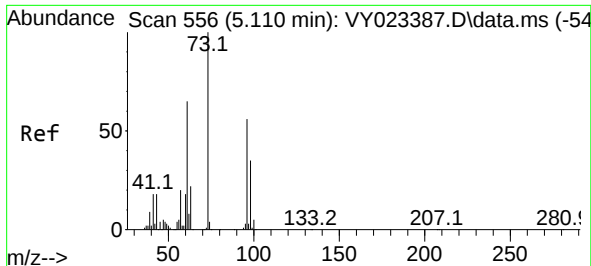
Tgt Ion: 73 Resp: 222264
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 18.928 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 84 Resp: 110898
Ion Ratio Lower Upper
84 100
49 109.0 80.2 120.4
51 31.2 25.9 38.9
86 67.4 50.6 75.8

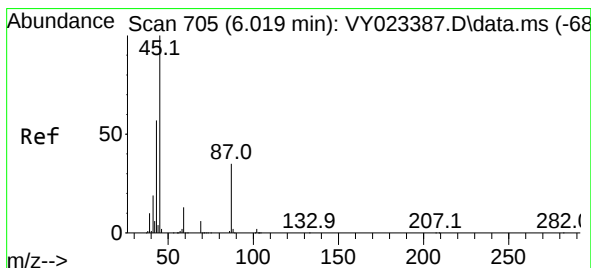
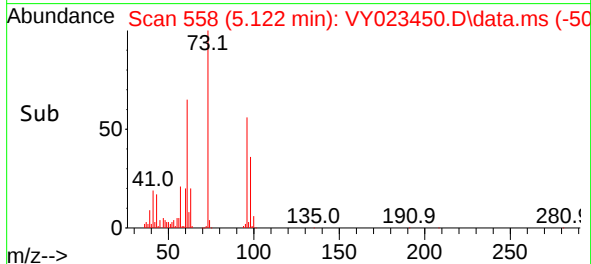
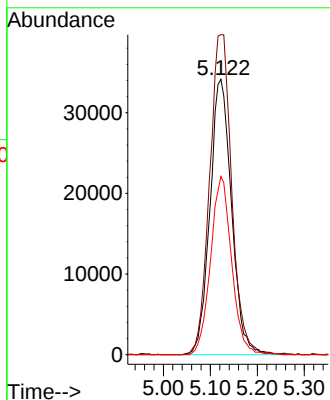
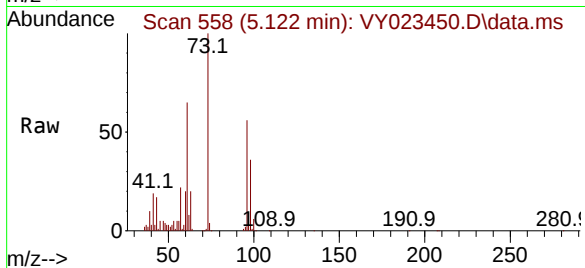




#21
trans-1,2-Dichloroethene
Concen: 20.439 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

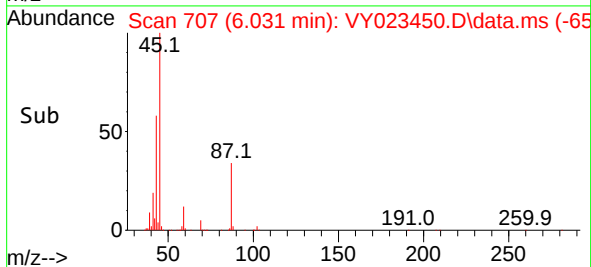
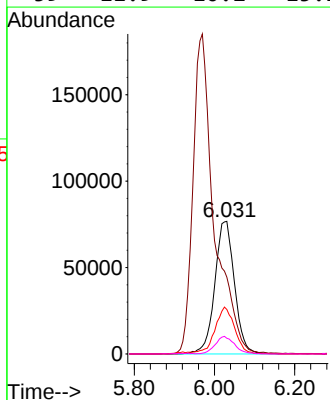
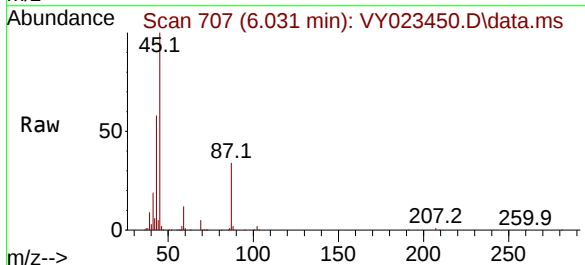
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

Tgt Ion: 96 Resp: 109247
Ion Ratio Lower Upper
96 100
61 116.2 92.7 139.1
98 64.7 49.7 74.5



#22
Diisopropyl ether
Concen: 20.007 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 45 Resp: 261848
Ion Ratio Lower Upper
45 100
43 57.3 45.6 68.4
87 33.4 28.1 42.1
59 11.9 10.2 15.2

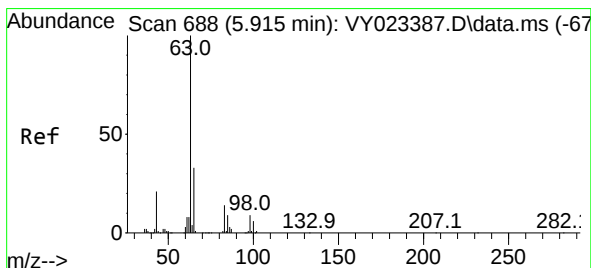
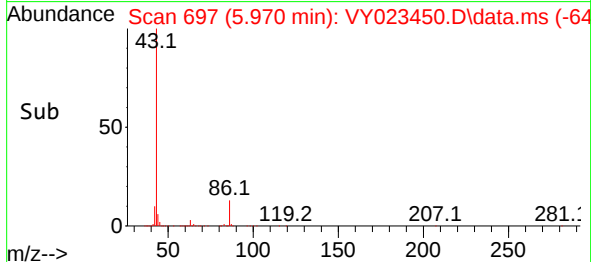
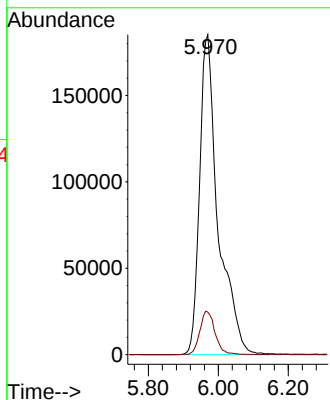
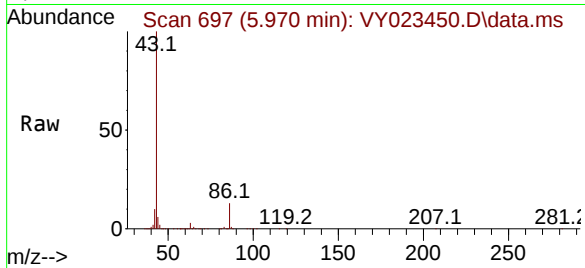




#23
 Vinyl Acetate
 Concen: 96.062 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

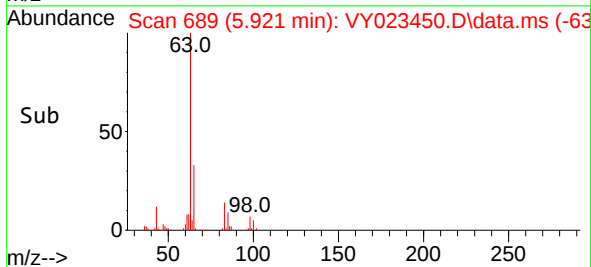
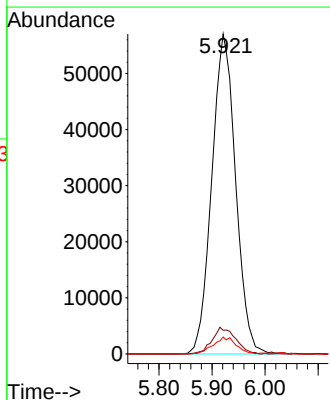
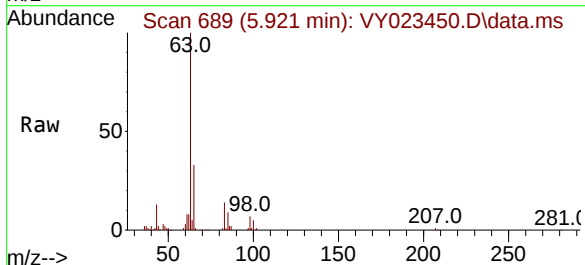
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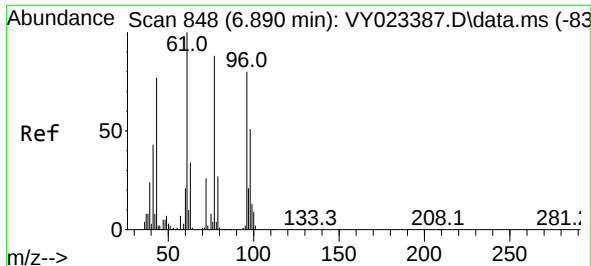
Tgt Ion: 43 Resp: 680510
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.516 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

Tgt Ion: 63 Resp: 177858
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.3 13.1
 100 5.3 2.8 8.4

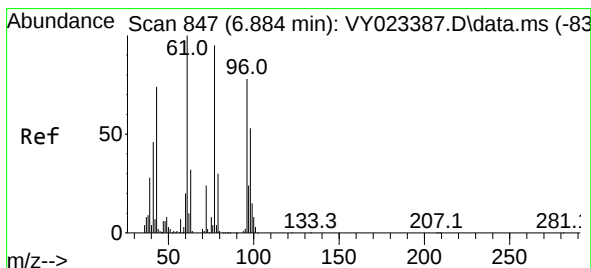
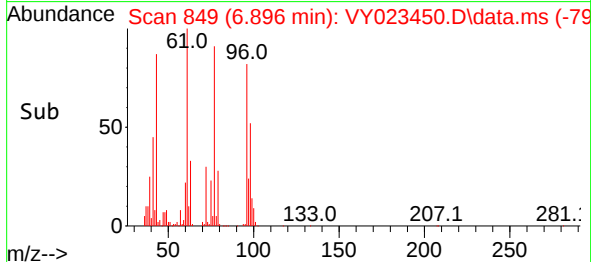
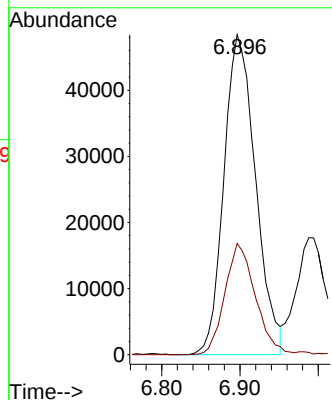
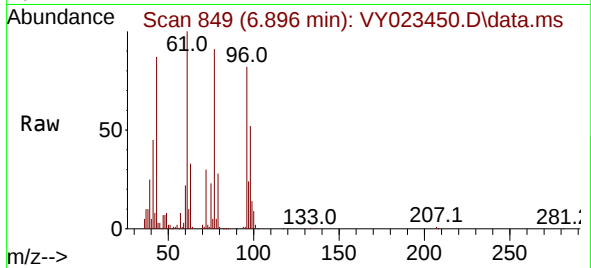




#25
2-Butanone
Concen: 103.049 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

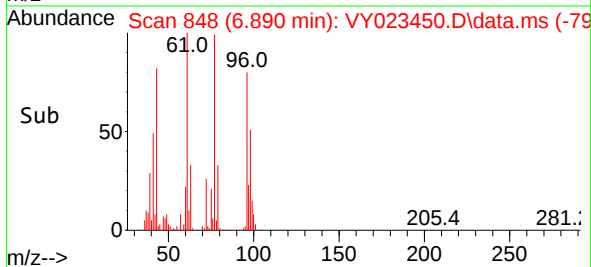
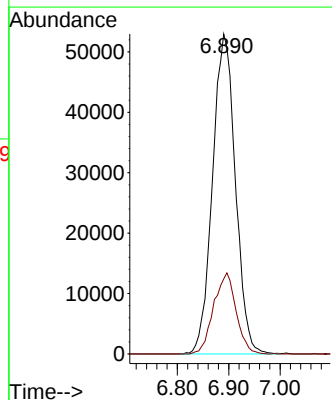
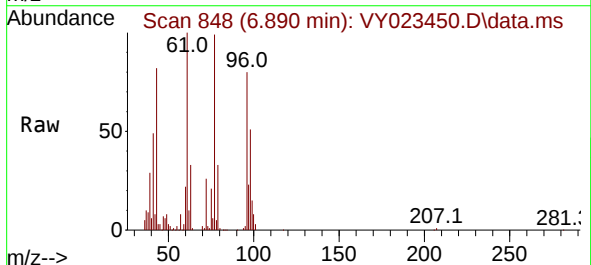
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

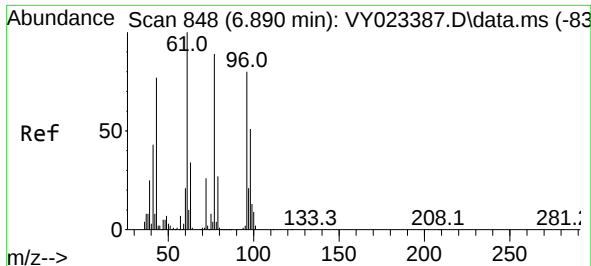
Tgt Ion: 43 Resp: 136310
Ion Ratio Lower Upper
43 100
72 34.7 27.4 41.2



#26
2,2-Dichloropropane
Concen: 20.589 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 77 Resp: 163786
Ion Ratio Lower Upper
77 100
97 24.9 12.1 36.3

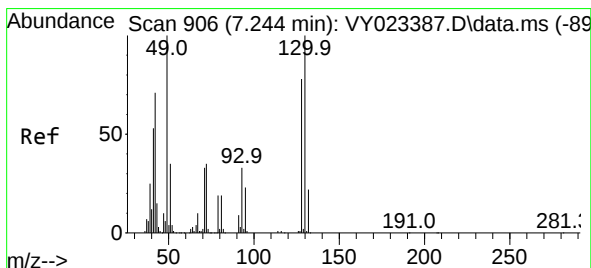
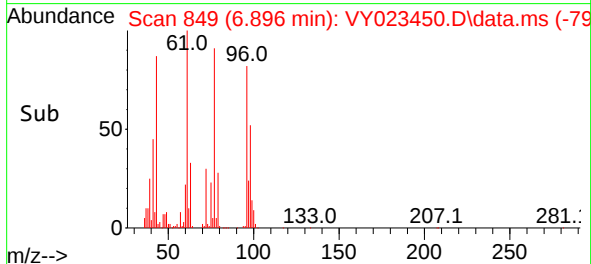
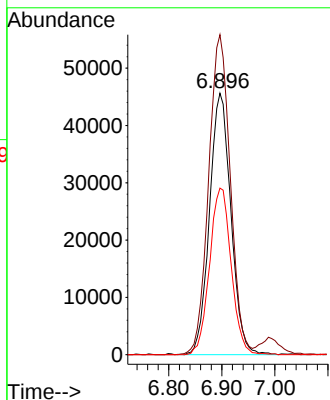
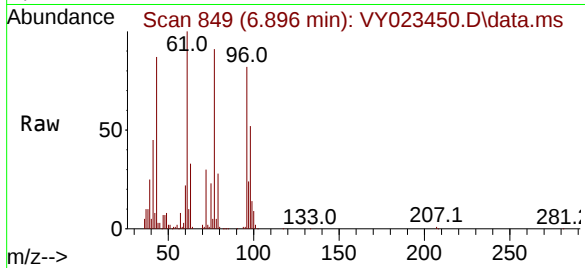




#27
 cis-1,2-Dichloroethene
 Concen: 20.766 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

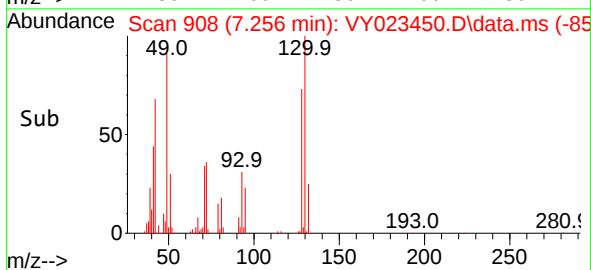
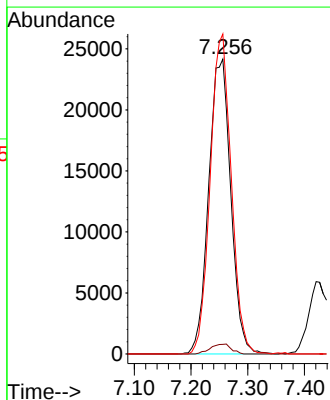
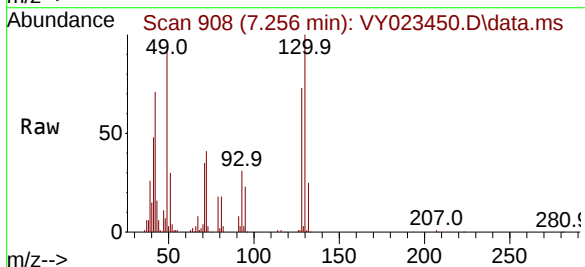
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

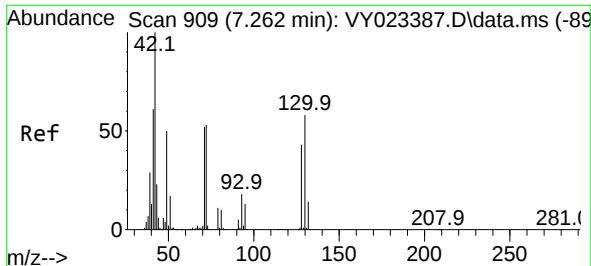
Tgt Ion: 96 Resp: 128212
 Ion Ratio Lower Upper
 96 100
 61 123.5 0.0 258.2
 98 64.3 0.0 132.0



#28
 Bromochloromethane
 Concen: 20.233 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

Tgt Ion: 49 Resp: 65482
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 5.6
 130 102.9 81.9 122.9





#29

Tetrahydrofuran

Concen: 86.218 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

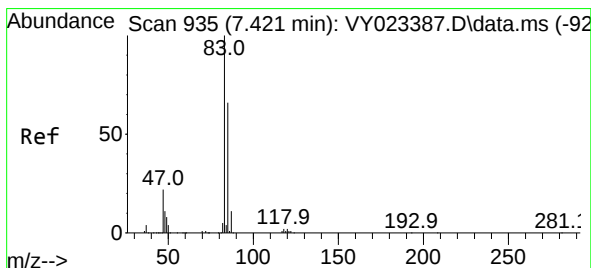
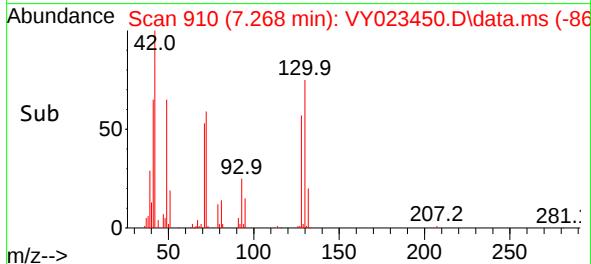
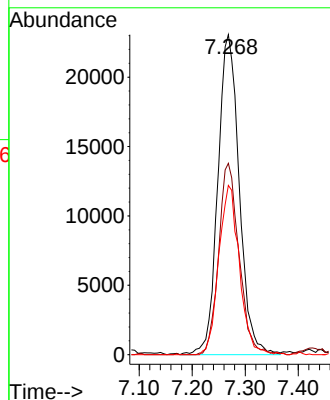
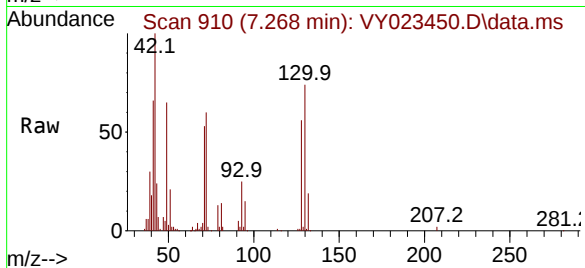
Tgt Ion: 42 Resp: 64672

Ion Ratio Lower Upper

42 100

72 57.0 43.0 64.6

71 50.9 40.1 60.1



#30

Chloroform

Concen: 20.751 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023450.D

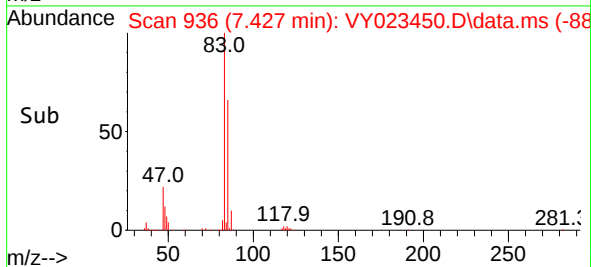
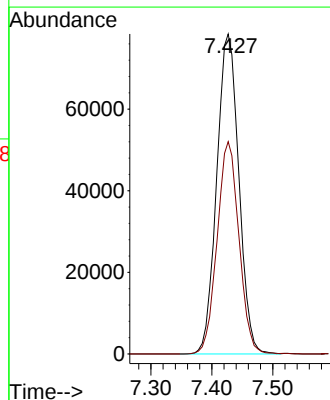
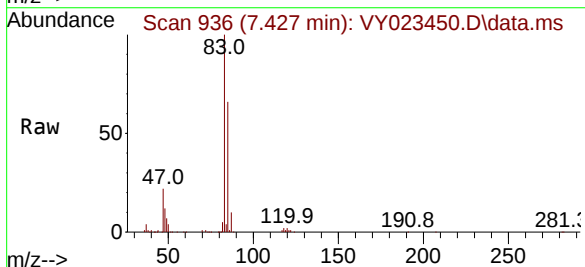
Acq: 13 Oct 2025 10:19

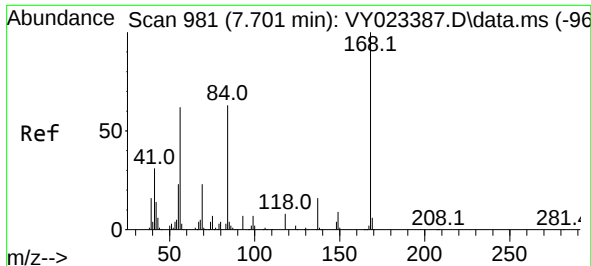
Tgt Ion: 83 Resp: 197654

Ion Ratio Lower Upper

83 100

85 66.4 52.5 78.7

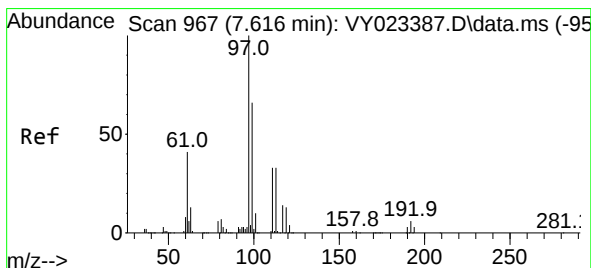
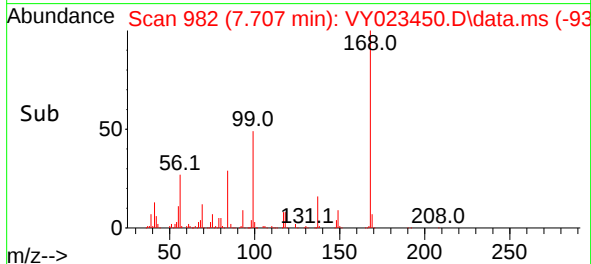
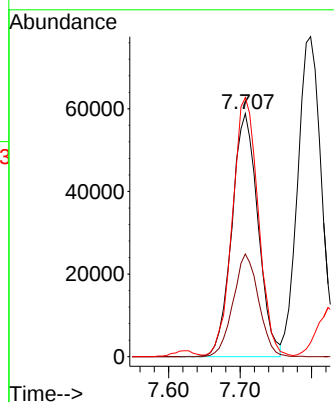
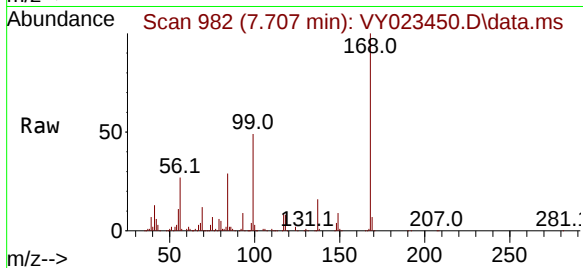




#31
Cyclohexane
Concen: 19.772 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

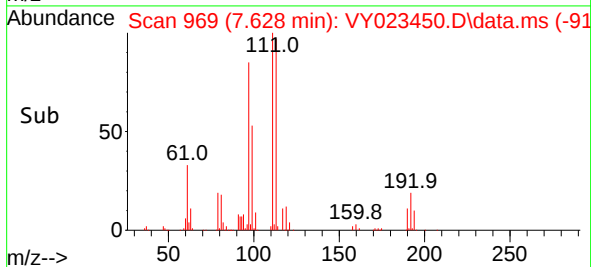
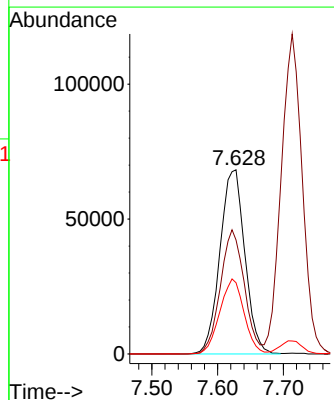
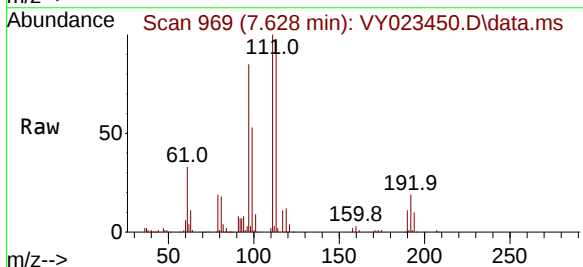
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

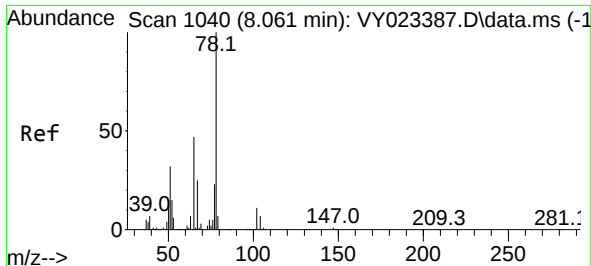
Tgt Ion: 56 Resp: 149694
Ion Ratio Lower Upper
56 100
69 42.3 30.0 45.0
84 104.5 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 20.828 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 97 Resp: 180284
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 39.6 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.914 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

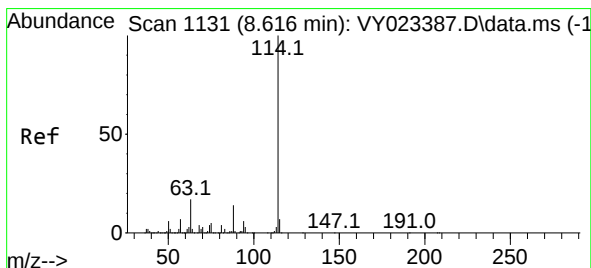
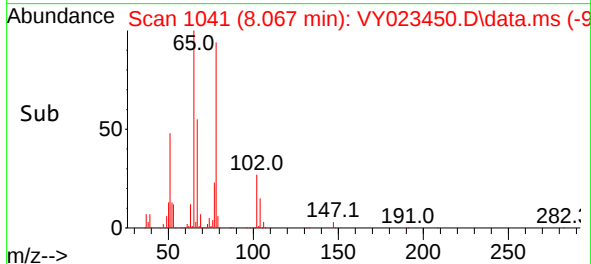
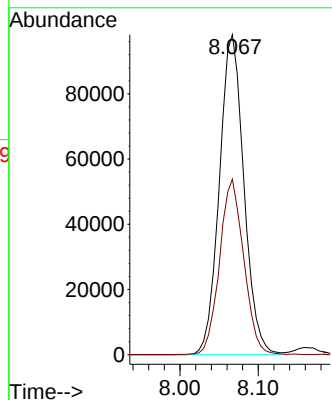
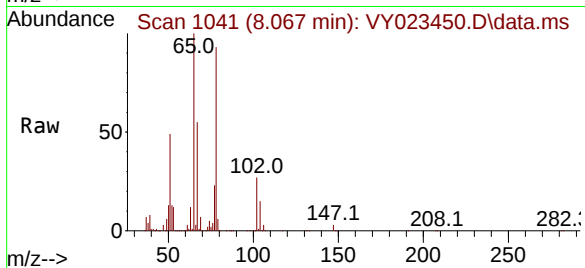
VY1013SBS01

Tgt Ion: 65 Resp: 213514

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

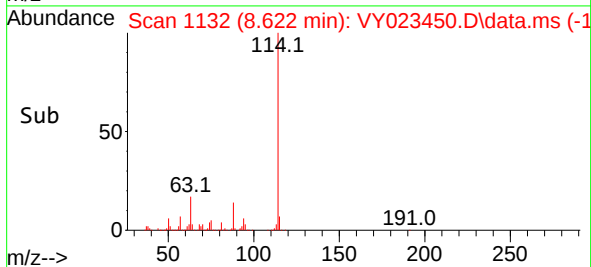
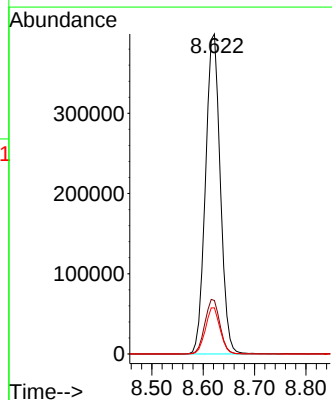
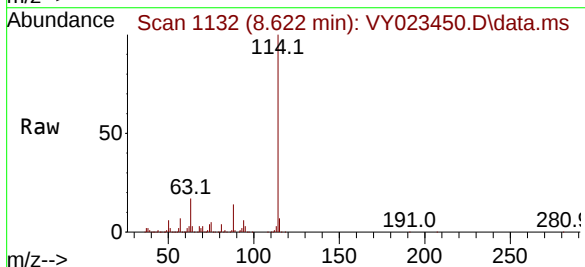
Tgt Ion: 114 Resp: 796520

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.2

88 14.4 0.0 28.4

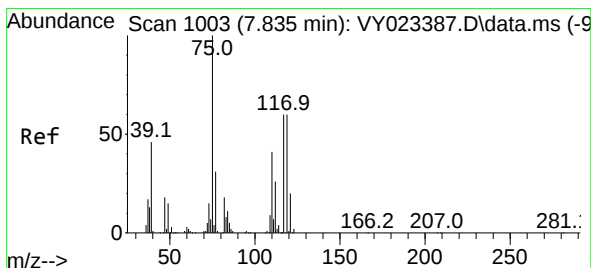
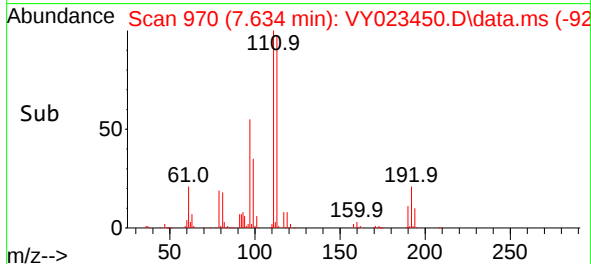
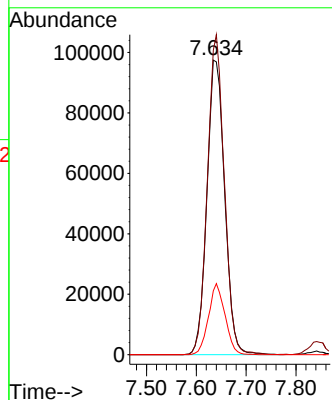
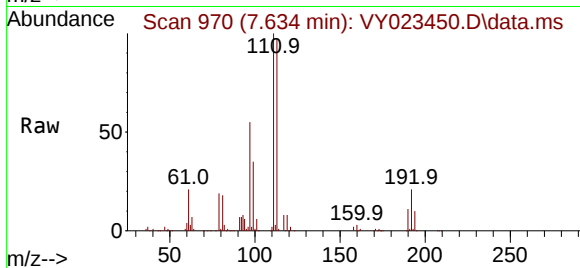




#35
Dibromofluoromethane
Concen: 49.338 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

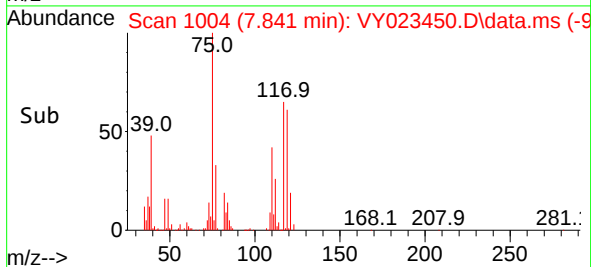
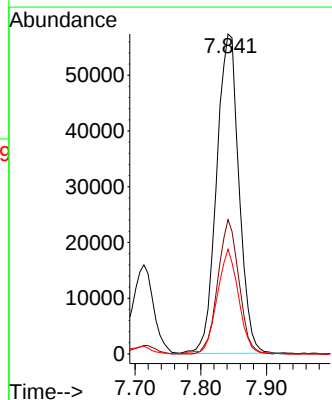
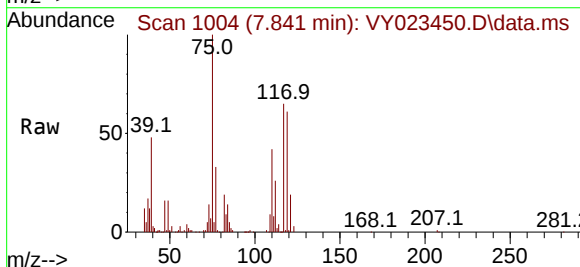
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

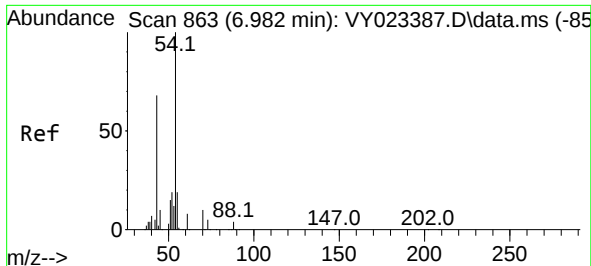
Tgt Ion:113 Resp: 241473
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 22.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.956 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 75 Resp: 135785
Ion Ratio Lower Upper
75 100
110 39.5 19.9 59.7
77 31.6 25.0 37.6

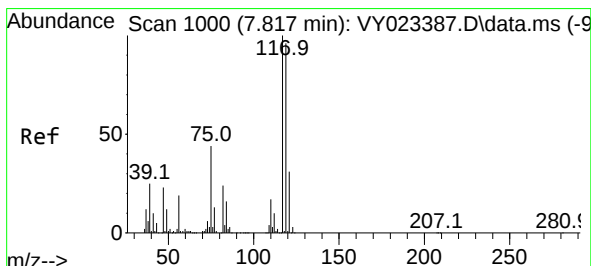
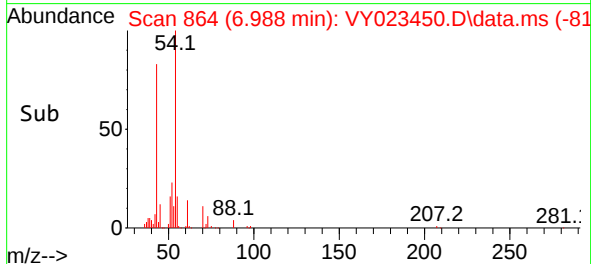
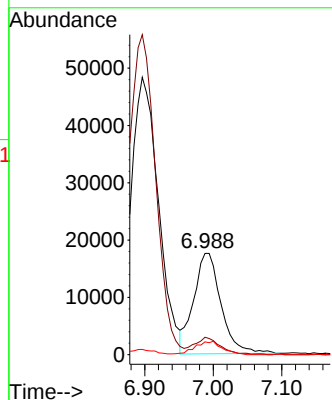
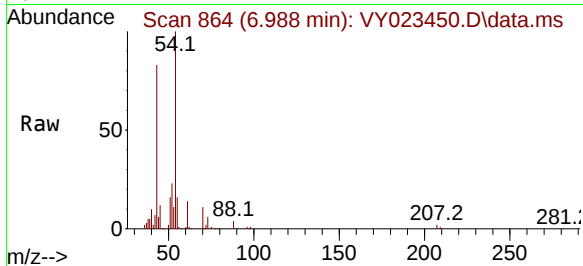




#37
Ethyl Acetate
Concen: 19.027 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

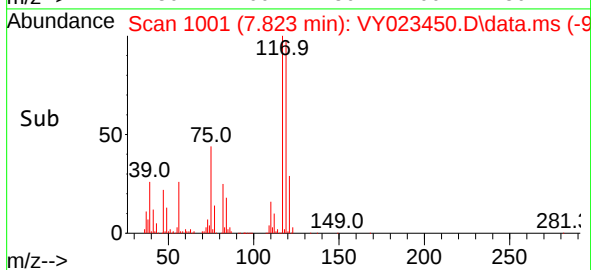
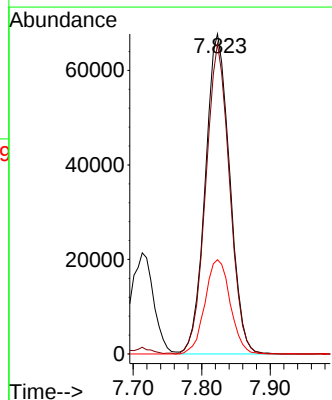
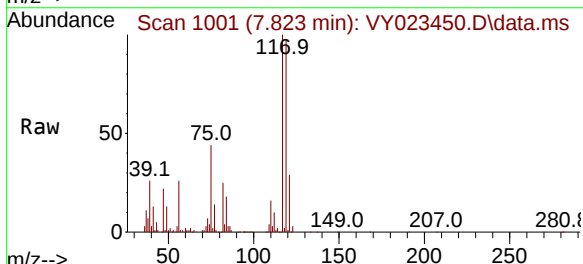
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion: 43 Resp: 48842
Ion Ratio Lower Upper
43 100
61 16.6 11.8 17.8
70 13.1 10.5 15.7



#38
Carbon Tetrachloride
Concen: 21.312 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 117 Resp: 167441
Ion Ratio Lower Upper
117 100
119 97.0 76.8 115.2
121 29.4 24.5 36.7





#39

Methylcyclohexane

Concen: 19.888 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

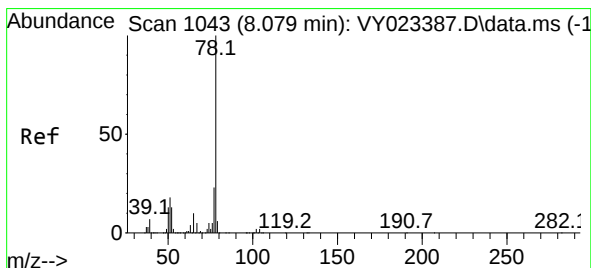
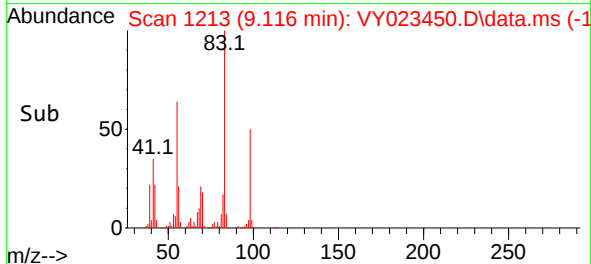
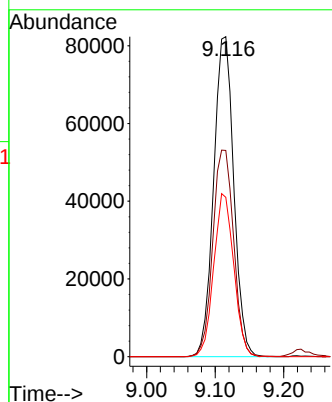
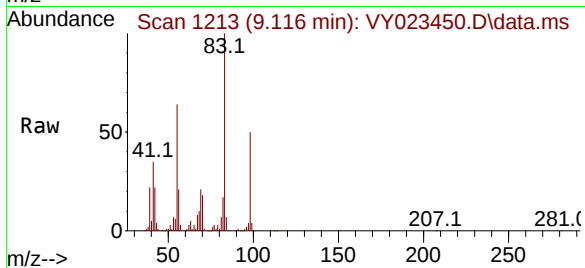
Tgt Ion: 83 Resp: 167782

Ion Ratio Lower Upper

83 100

55 64.4 51.4 77.2

98 49.8 40.4 60.6



#40

Benzene

Concen: 20.804 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023450.D

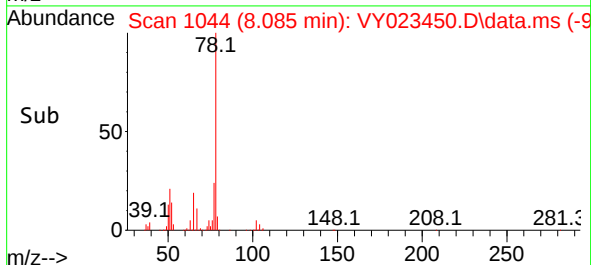
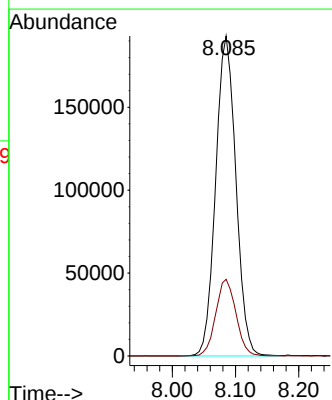
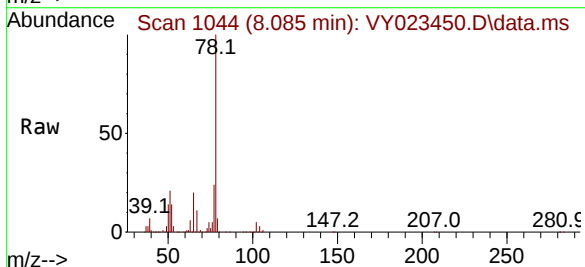
Acq: 13 Oct 2025 10:19

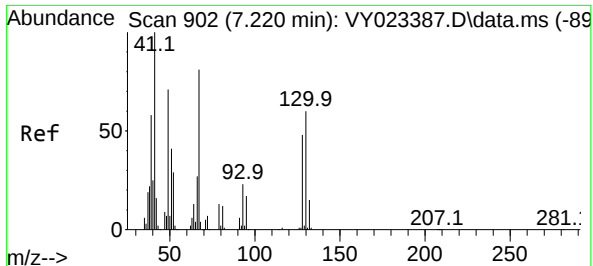
Tgt Ion: 78 Resp: 426906

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5

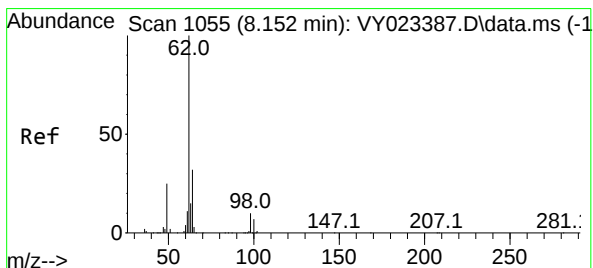
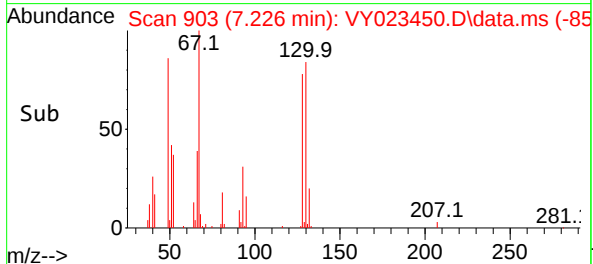
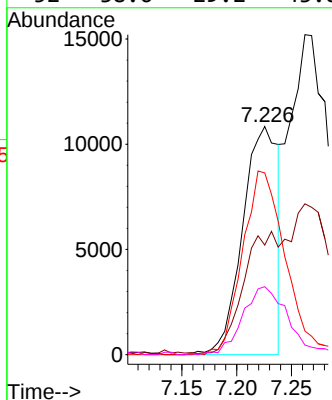
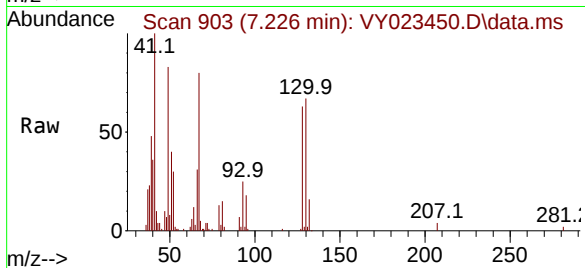




#41
Methacrylonitrile
Concen: 17.577 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

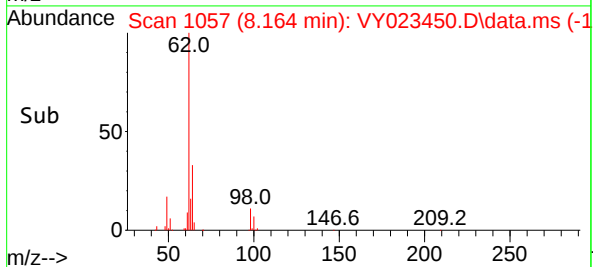
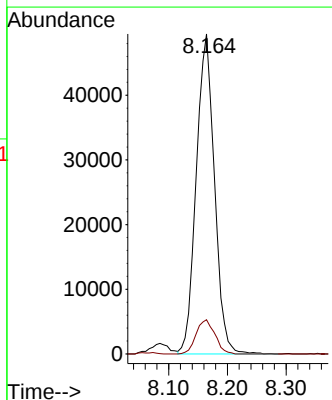
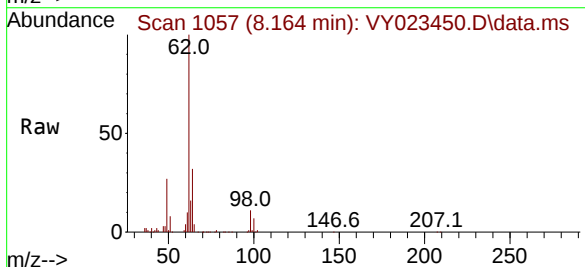
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

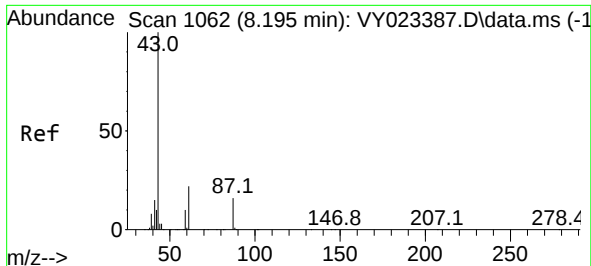
Tgt Ion:	41	Resp:	24402
Ion	Ratio	Lower	Upper
41	100		
39	52.3	52.2	78.4
67	97.2	74.9	112.3
52	38.6	29.2	43.8



#42
1,2-Dichloroethane
Concen: 20.148 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion:	62	Resp:	106625
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.6

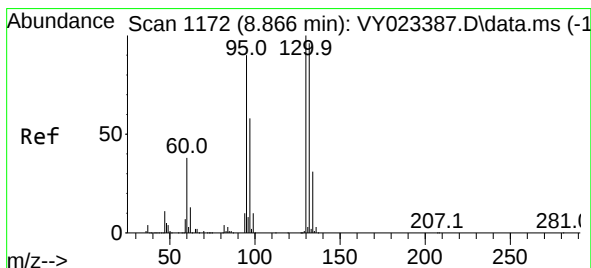
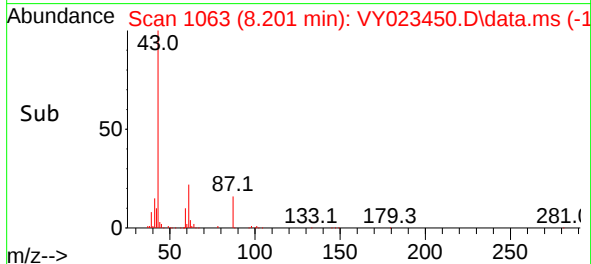
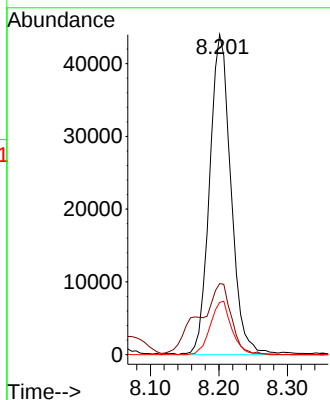
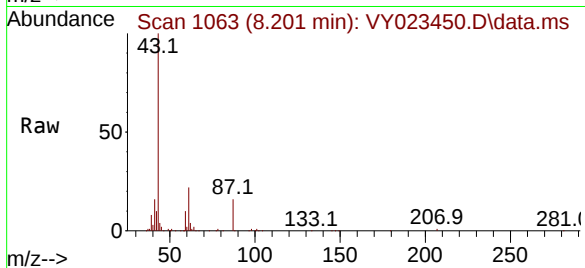




#43
Isopropyl Acetate
Concen: 18.556 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

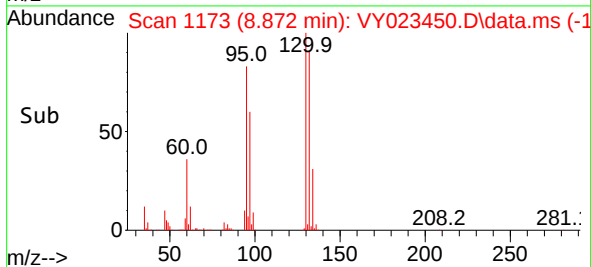
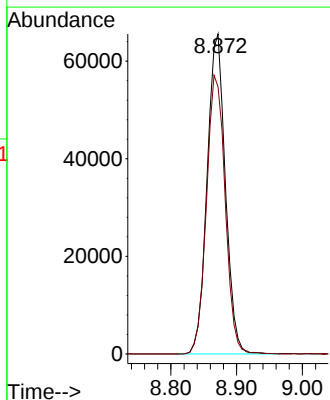
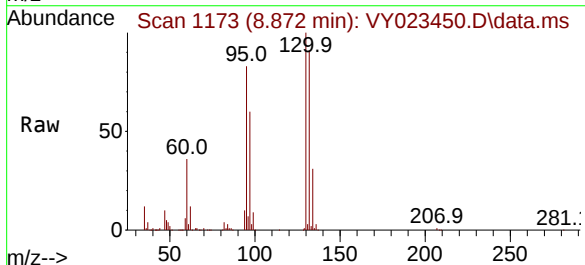
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

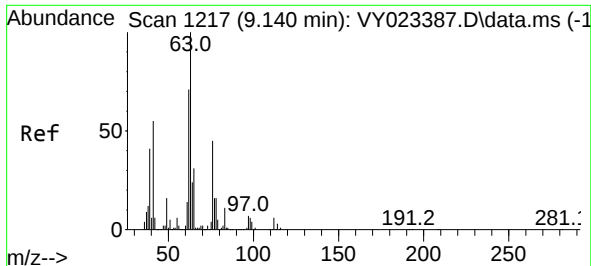
Tgt Ion: 43 Resp: 94980
Ion Ratio Lower Upper
43 100
61 34.0 18.1 27.1#
87 16.7 13.5 20.3



#44
Trichloroethene
Concen: 21.083 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion:130 Resp: 126621
Ion Ratio Lower Upper
130 100
95 83.5 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.634 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

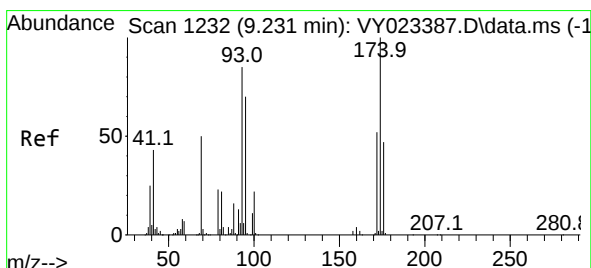
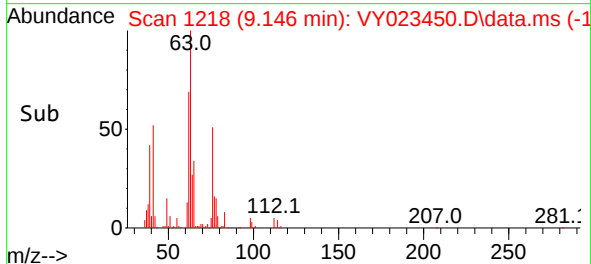
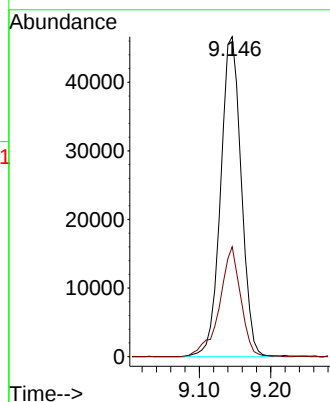
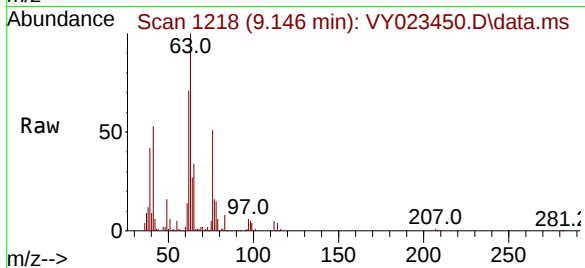
VY1013SBS01

Tgt Ion: 63 Resp: 93519

Ion Ratio Lower Upper

63 100

65 34.3 24.9 37.3



#46

Dibromomethane

Concen: 20.457 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

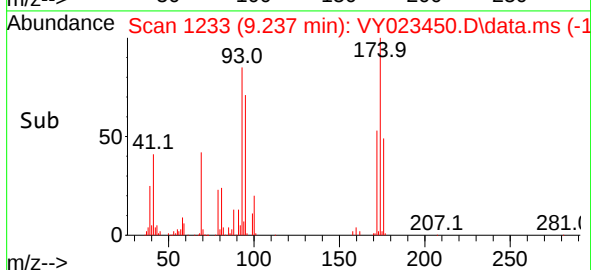
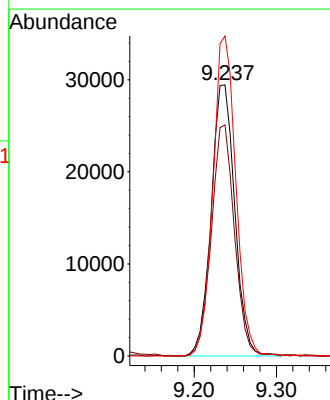
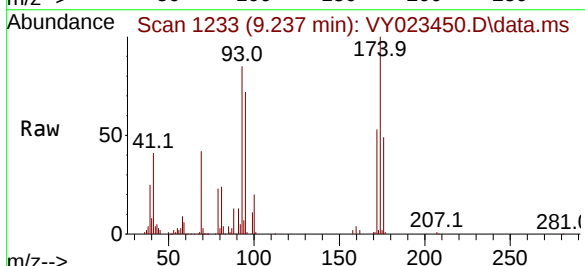
Tgt Ion: 93 Resp: 58628

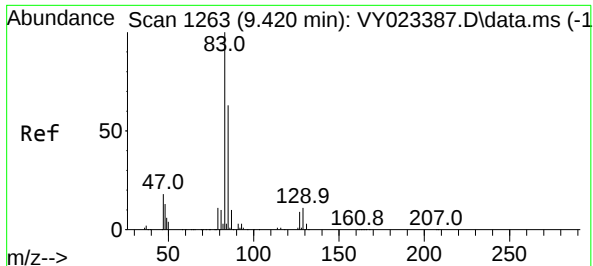
Ion Ratio Lower Upper

93 100

95 83.8 65.4 98.0

174 114.7 92.9 139.3

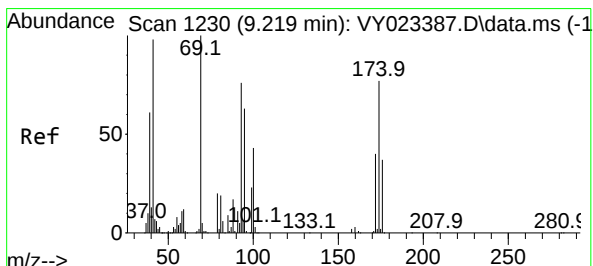
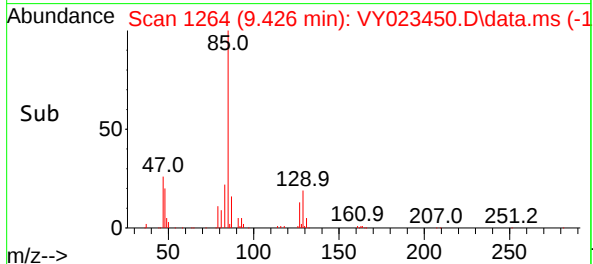
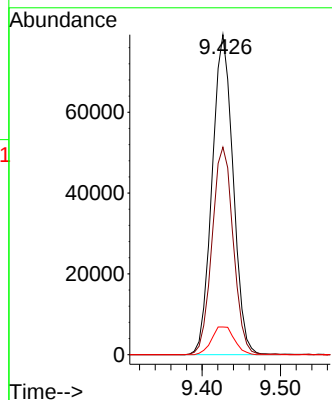
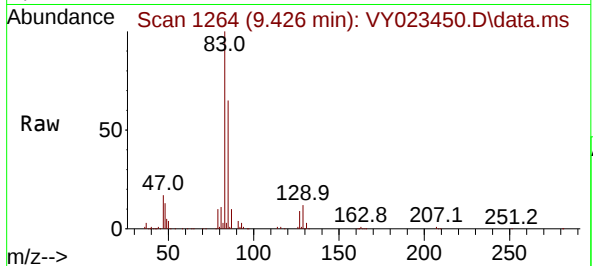




#47
Bromodichloromethane
Concen: 20.444 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

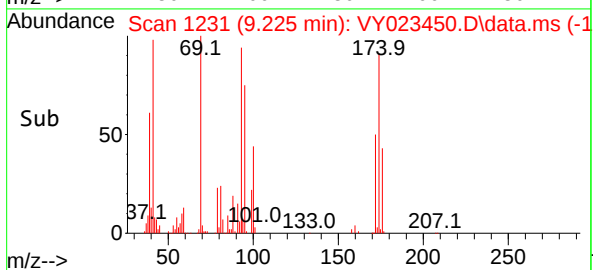
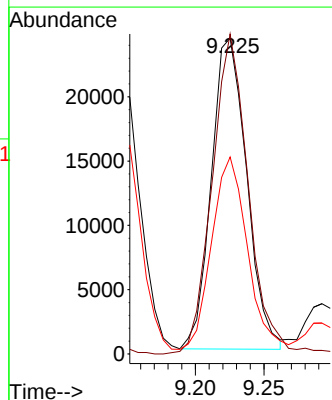
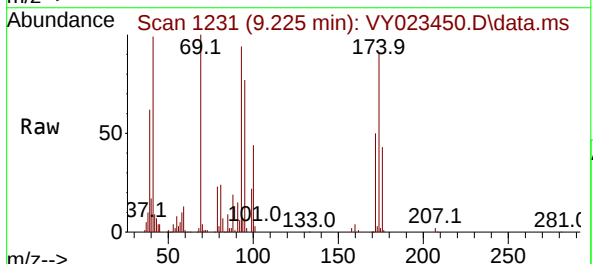
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

Tgt Ion: 83 Resp: 147562
Ion Ratio Lower Upper
83 100
85 64.8 50.8 76.2
127 8.6 7.4 11.2



#48
Methyl methacrylate
Concen: 18.024 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 41 Resp: 43342
Ion Ratio Lower Upper
41 100
69 106.5 81.0 121.4
39 62.6 48.2 72.4





#49

1,4-Dioxane

Concen: 359.962 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

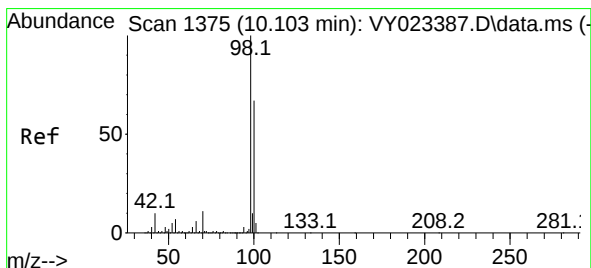
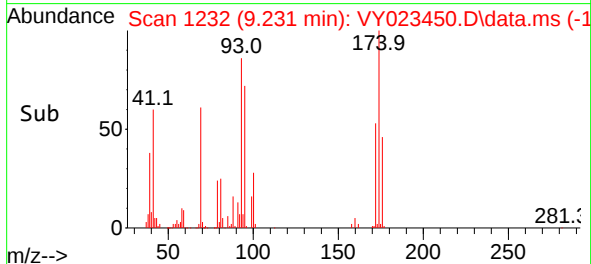
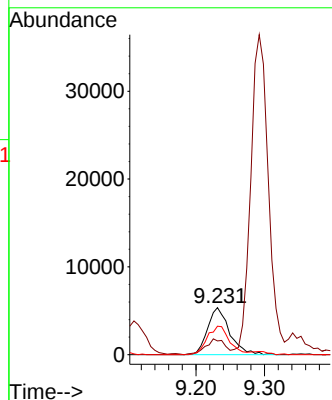
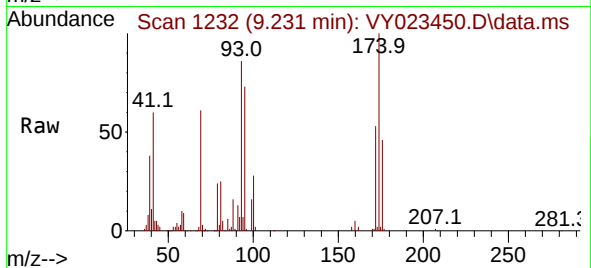
Tgt Ion: 88 Resp: 11961

Ion Ratio Lower Upper

88 100

43 29.1 21.8 32.8

58 60.7 46.8 70.2



#50

Toluene-d8

Concen: 49.877 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023450.D

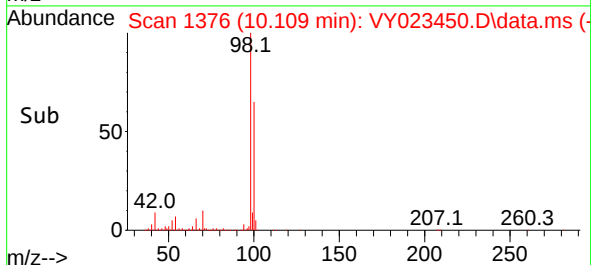
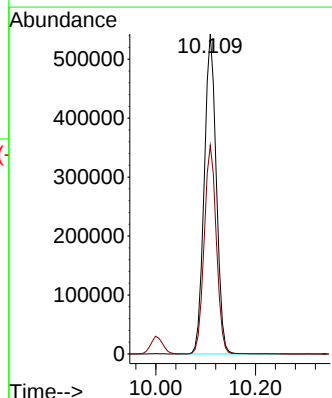
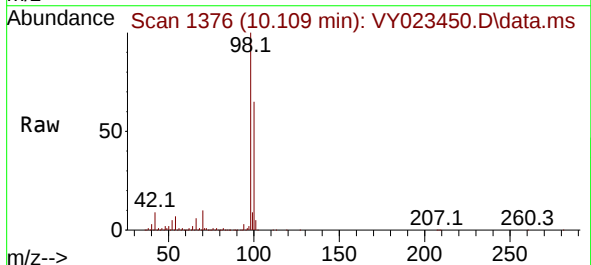
Acq: 13 Oct 2025 10:19

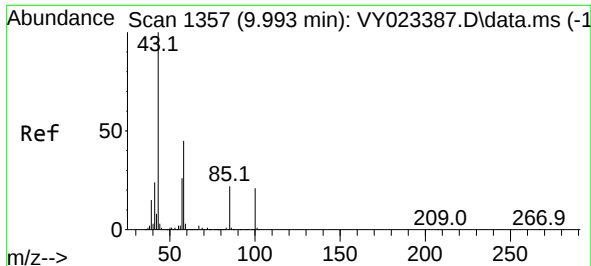
Tgt Ion: 98 Resp: 909096

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 91.301 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

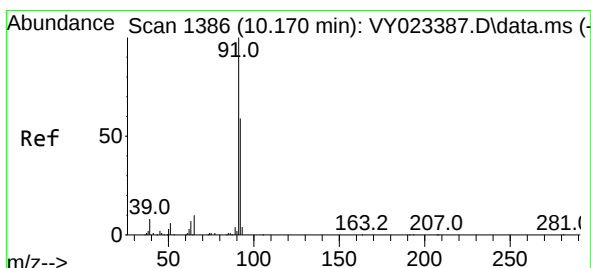
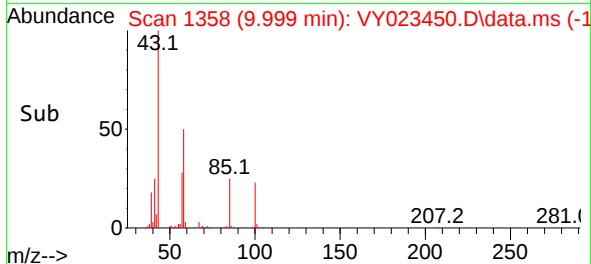
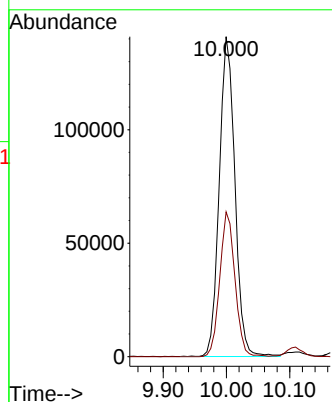
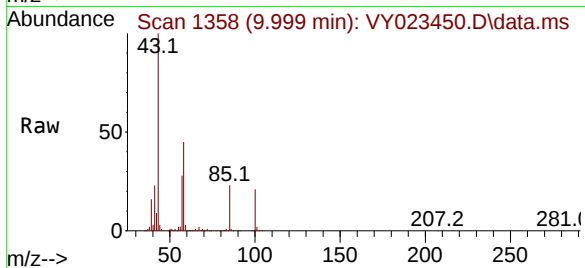
VY1013SBS01

Tgt Ion: 43 Resp: 241455

Ion Ratio Lower Upper

43 100

58 44.0 35.3 52.9



#52

Toluene

Concen: 21.312 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023450.D

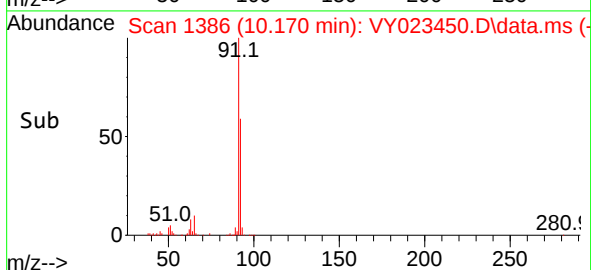
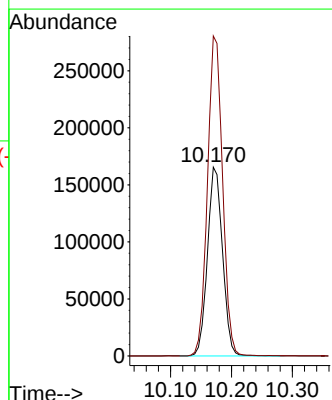
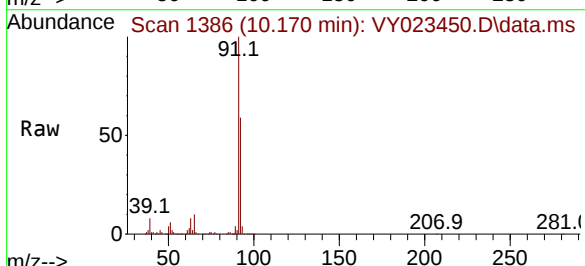
Acq: 13 Oct 2025 10:19

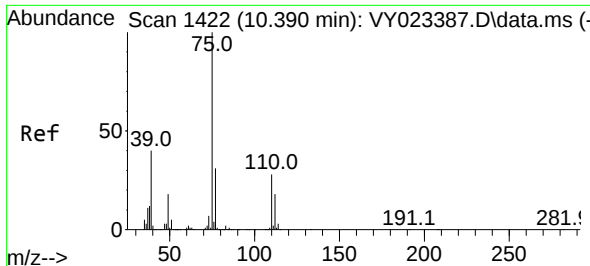
Tgt Ion: 92 Resp: 283950

Ion Ratio Lower Upper

92 100

91 170.2 136.4 204.6

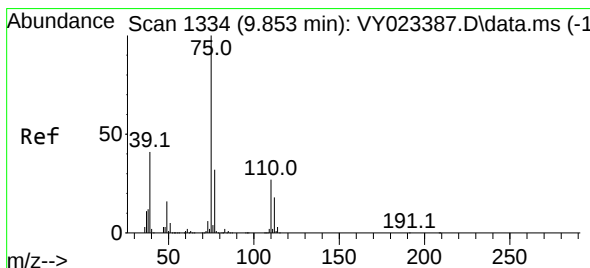
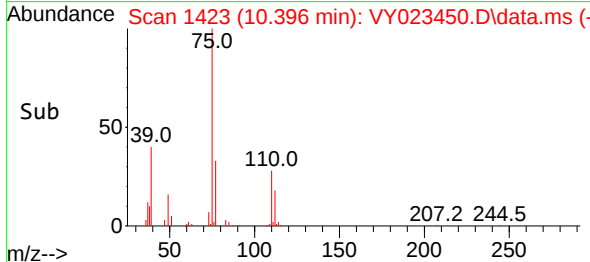
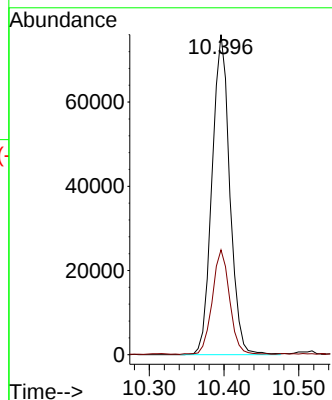
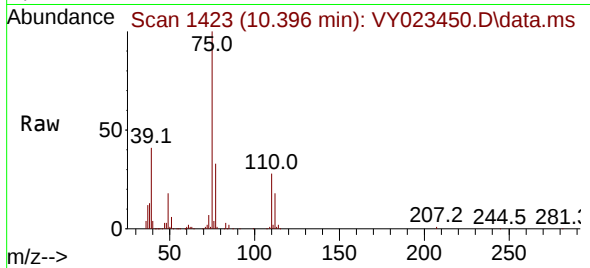




#53
 t-1,3-Dichloropropene
 Concen: 20.034 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

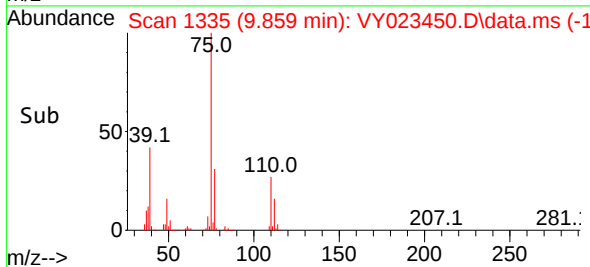
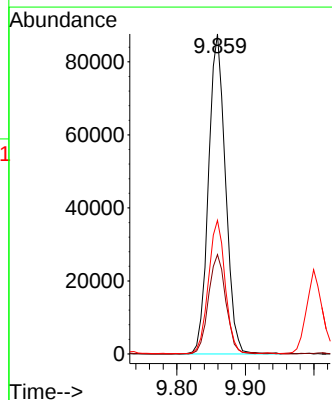
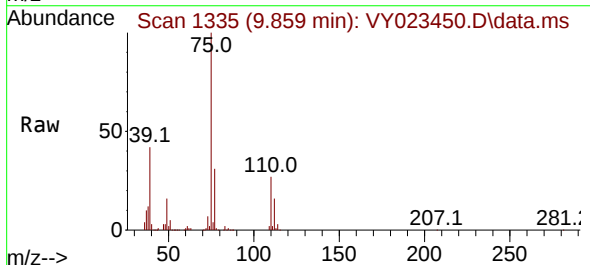
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

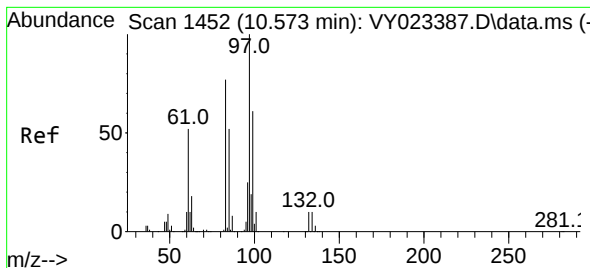
Tgt Ion: 75 Resp: 125739
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.383 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

Tgt Ion: 75 Resp: 150986
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 41.6 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 20.454 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

Tgt Ion: 97 Resp: 78829

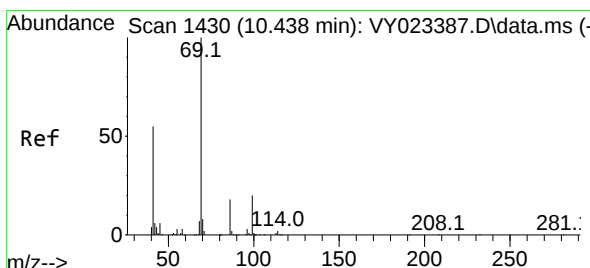
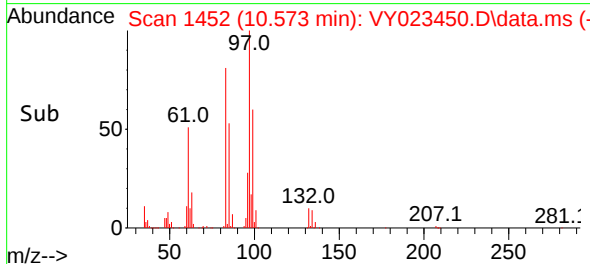
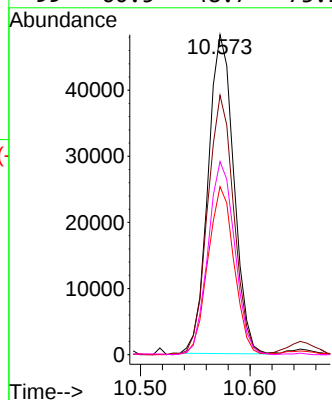
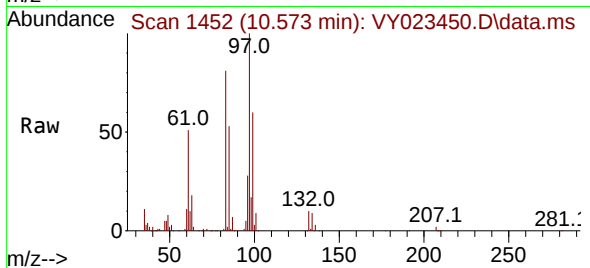
Ion Ratio Lower Upper

97 100

83 81.0 61.8 92.6

85 52.5 41.3 61.9

99 60.5 48.7 73.1



#56

Ethyl methacrylate

Concen: 18.315 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

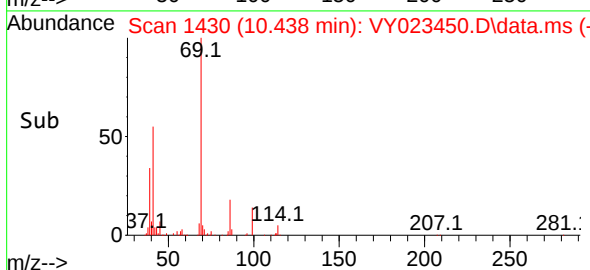
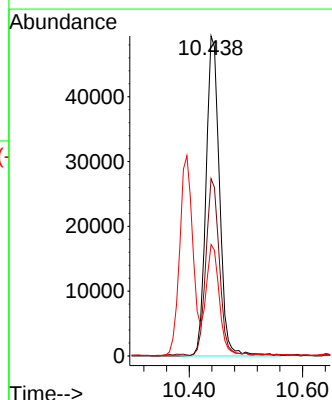
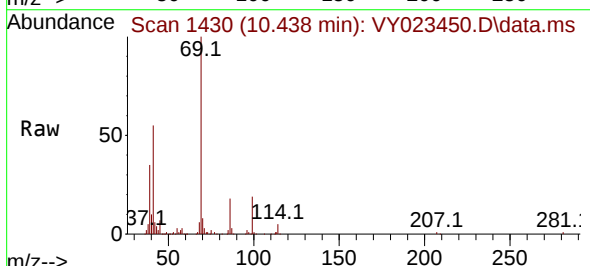
Tgt Ion: 69 Resp: 81422

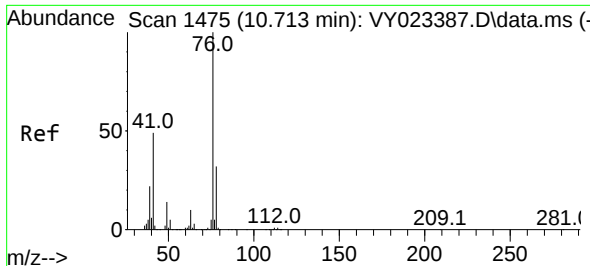
Ion Ratio Lower Upper

69 100

41 54.6 44.6 67.0

39 33.6 27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.080 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

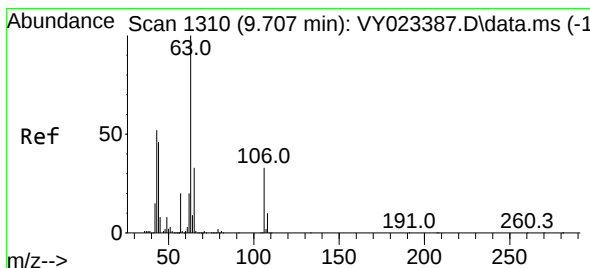
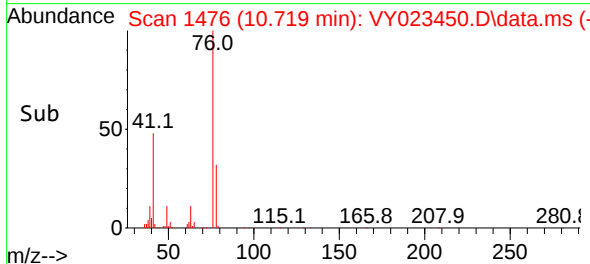
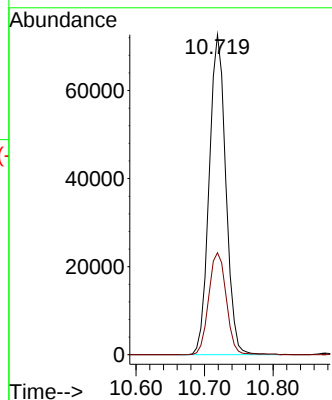
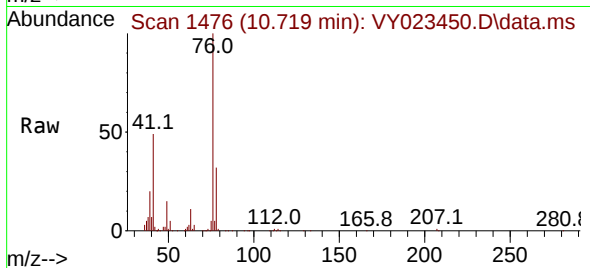
VY1013SBSD01

Tgt Ion: 76 Resp: 122631

Ion Ratio Lower Upper

76 100

78 33.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 91.688 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023450.D

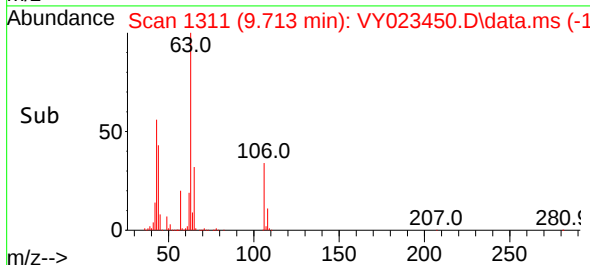
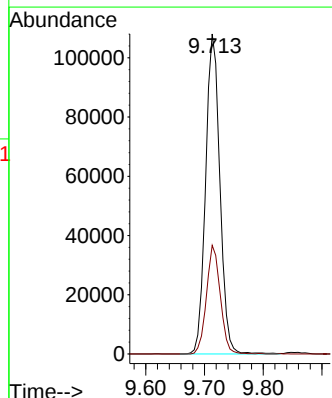
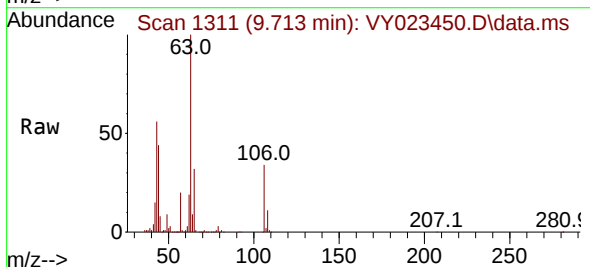
Acq: 13 Oct 2025 10:19

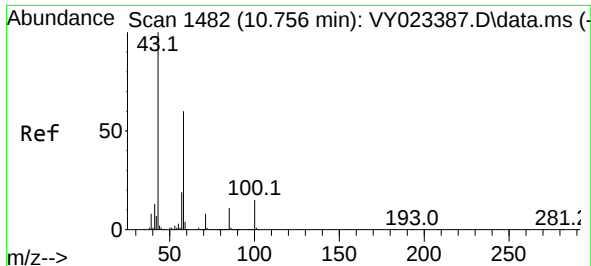
Tgt Ion: 63 Resp: 182599

Ion Ratio Lower Upper

63 100

106 32.9 26.6 39.8

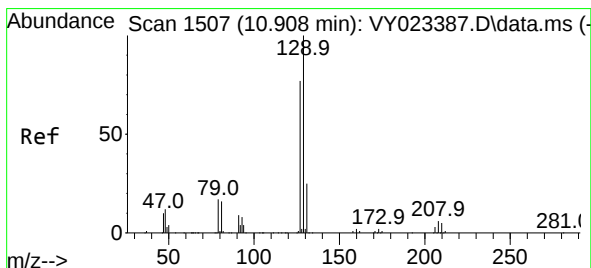
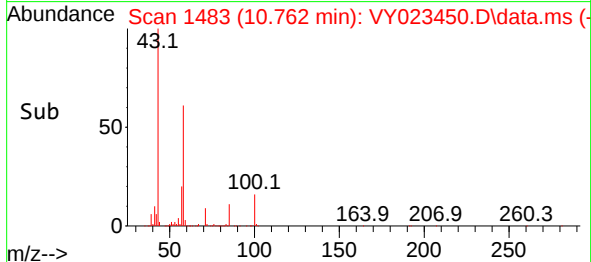
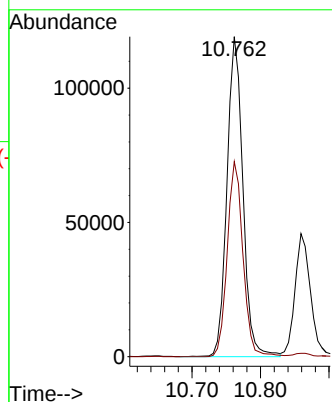
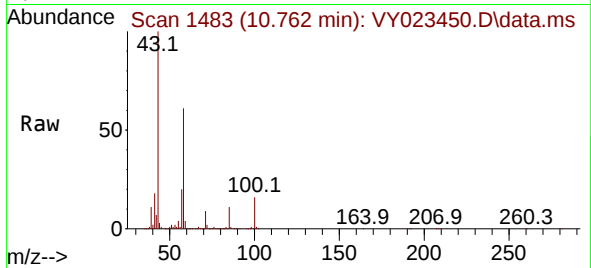




#59
2-Hexanone
Concen: 101.353 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

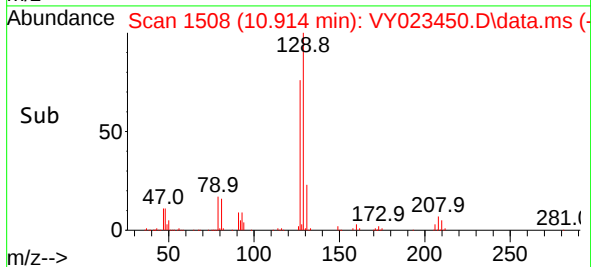
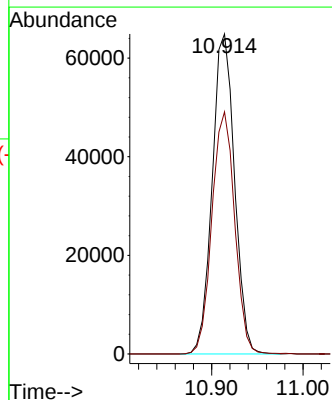
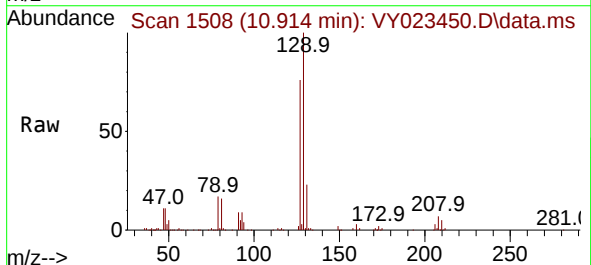
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

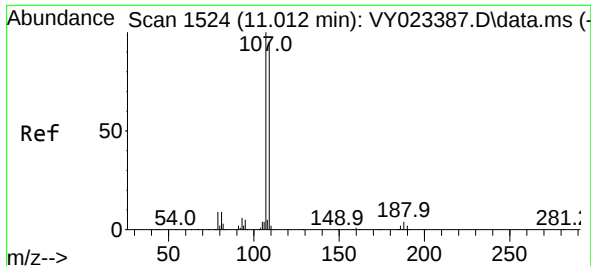
Tgt Ion: 43 Resp: 191553
Ion Ratio Lower Upper
43 100
58 60.2 30.5 91.5



#60
Dibromochloromethane
Concen: 20.371 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 129 Resp: 110069
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

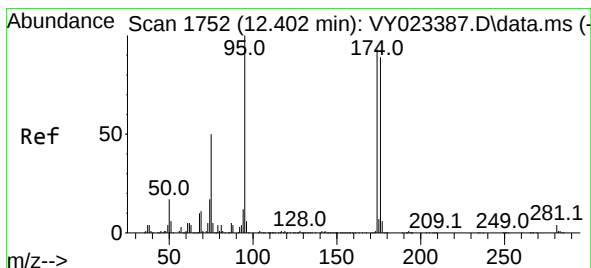
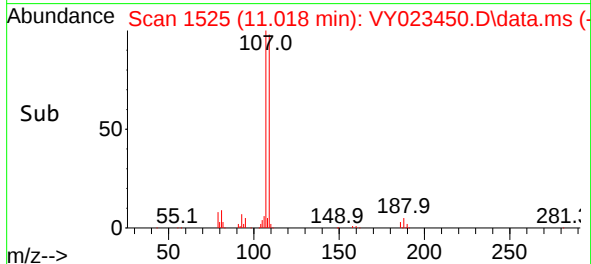
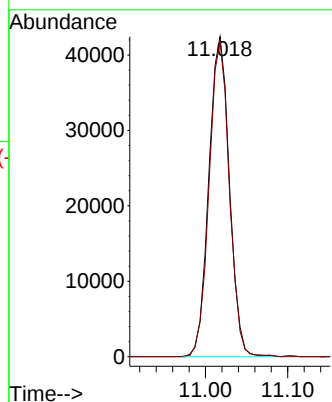
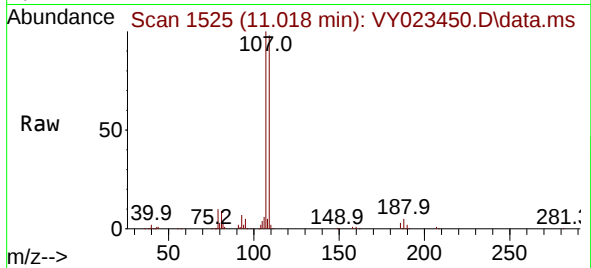




#61
1,2-Dibromoethane
Concen: 20.006 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

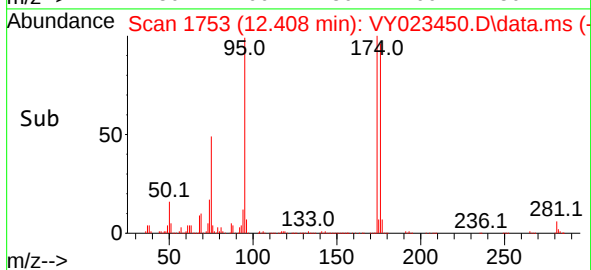
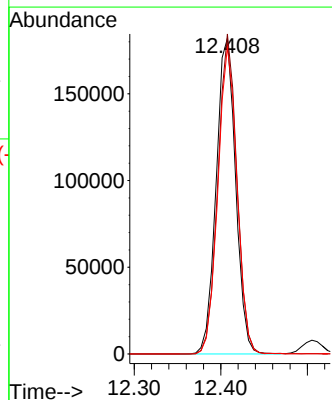
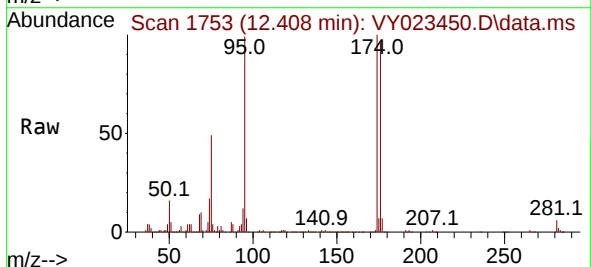
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

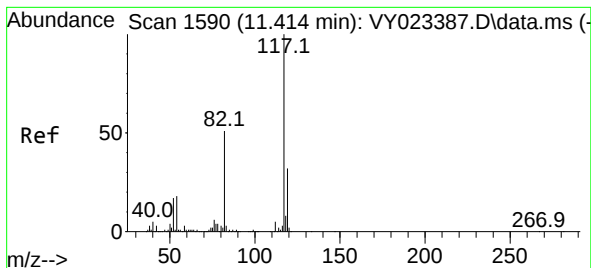
Tgt Ion:107 Resp: 73533
Ion Ratio Lower Upper
107 100
109 96.9 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 47.220 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 95 Resp: 284148
Ion Ratio Lower Upper
95 100
174 99.0 0.0 192.8
176 95.5 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

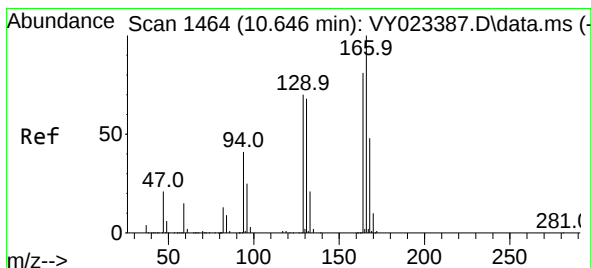
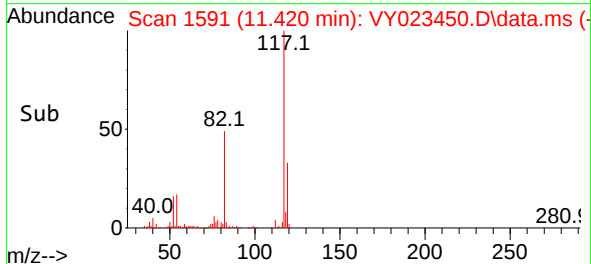
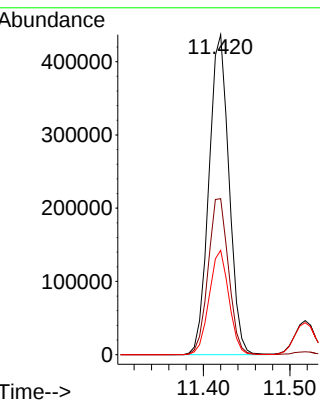
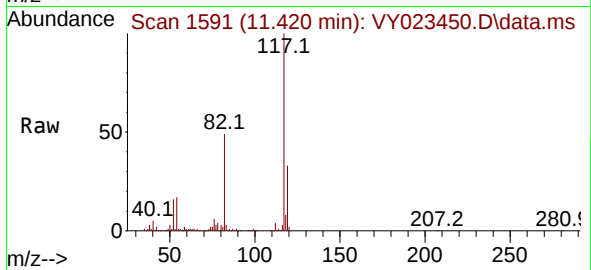
Tgt Ion:117 Resp: 703510

Ion Ratio Lower Upper

117 100

82 48.8 41.0 61.4

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 21.411 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Tgt Ion:164 Resp: 155533

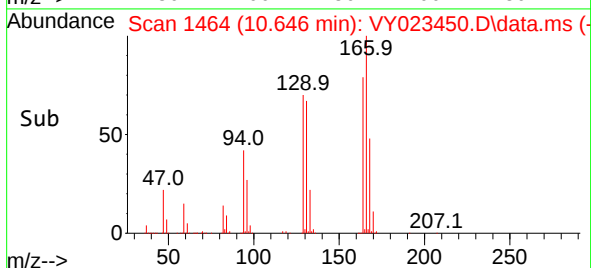
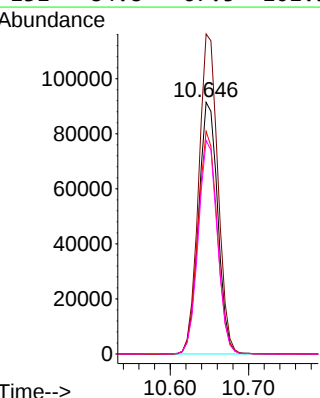
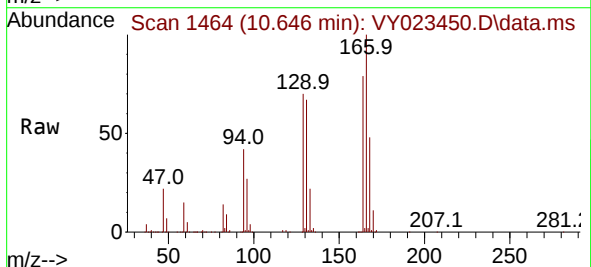
Ion Ratio Lower Upper

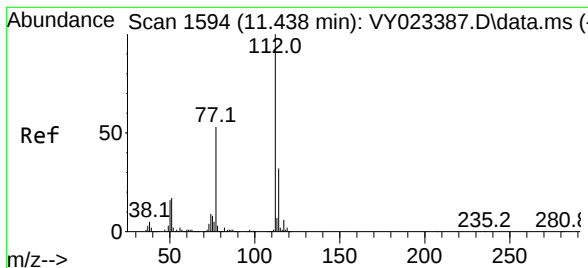
164 100

166 127.1 99.4 149.0

129 88.4 69.4 104.2

131 84.8 67.5 101.3

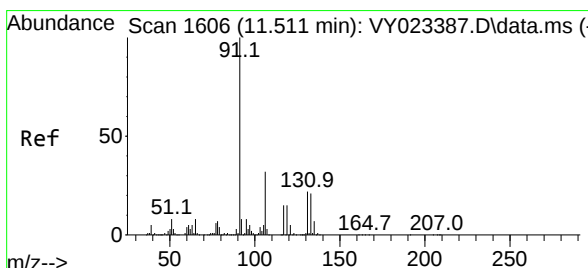
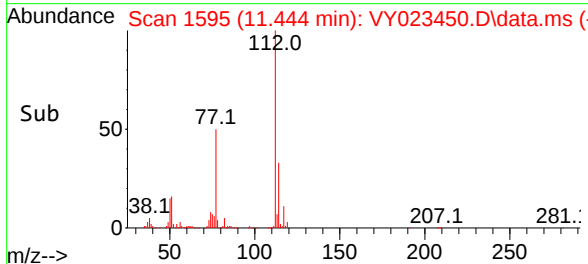
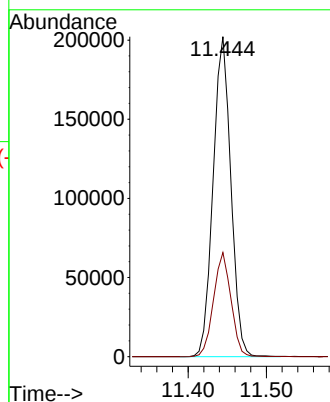
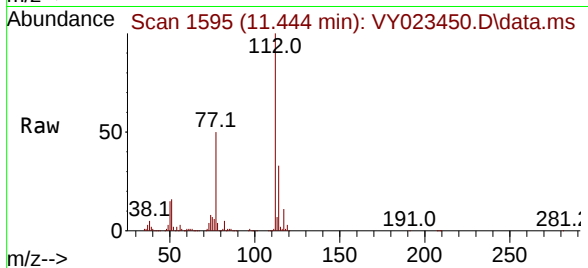




#65
Chlorobenzene
Concen: 20.825 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

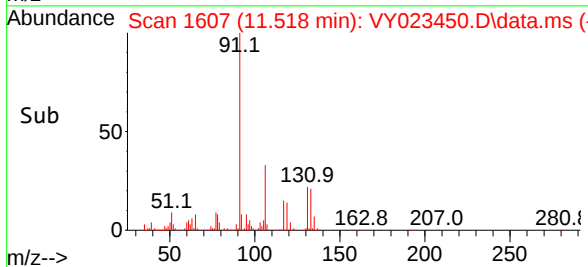
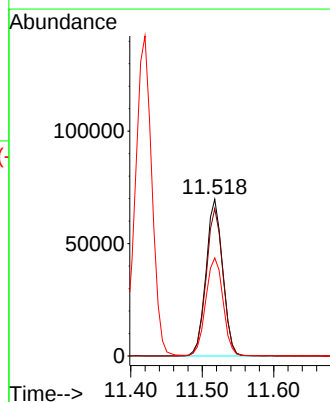
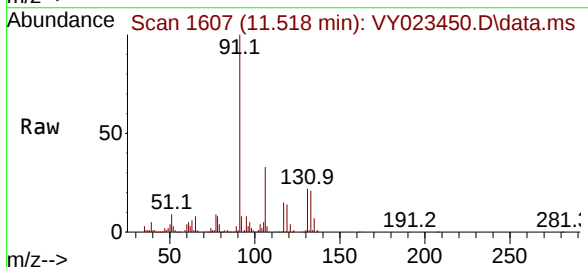
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

Tgt Ion:112 Resp: 318645
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.690 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion:131 Resp: 112815
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.2
119 65.3 32.4 97.2





#67

Ethyl Benzene

Concen: 20.478 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

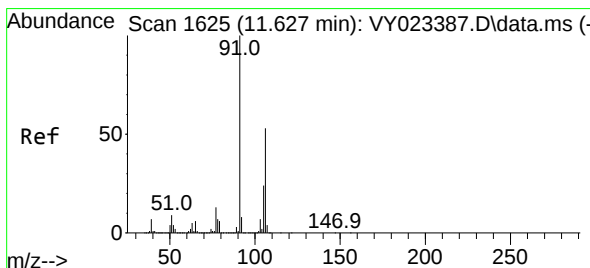
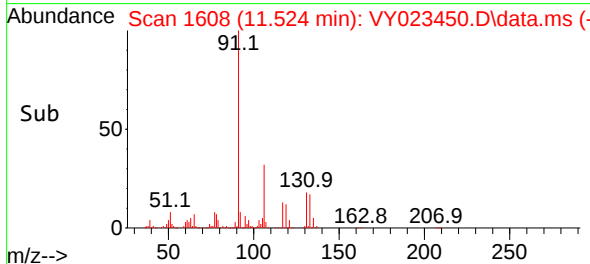
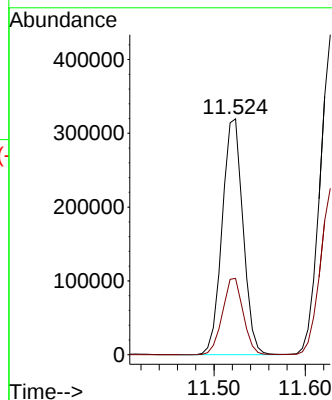
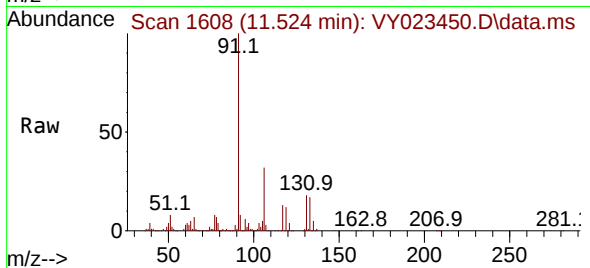
VY1013SBSD01

Tgt Ion: 91 Resp: 507198

Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.8



#68

m/p-Xylenes

Concen: 42.028 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023450.D

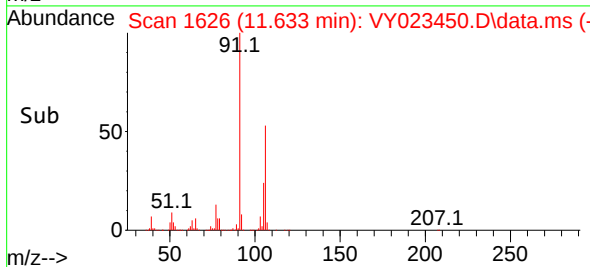
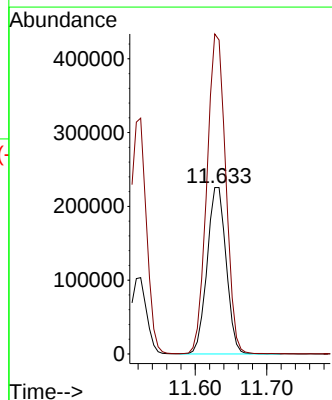
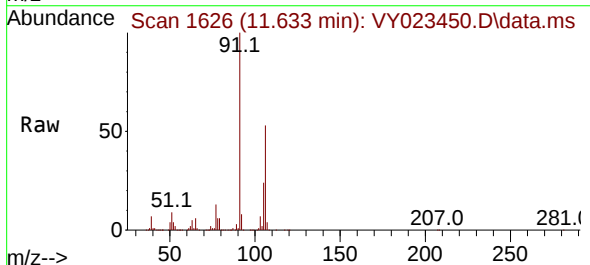
Acq: 13 Oct 2025 10:19

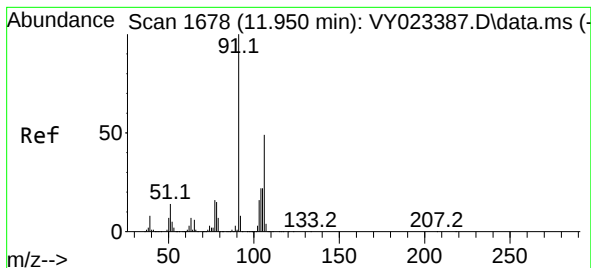
Tgt Ion: 106 Resp: 417519

Ion Ratio Lower Upper

106 100

91 190.4 152.6 229.0





#69

o-Xylene

Concen: 20.491 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

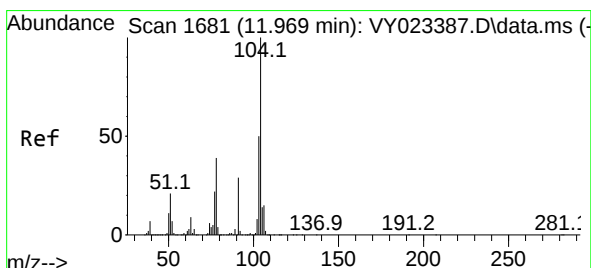
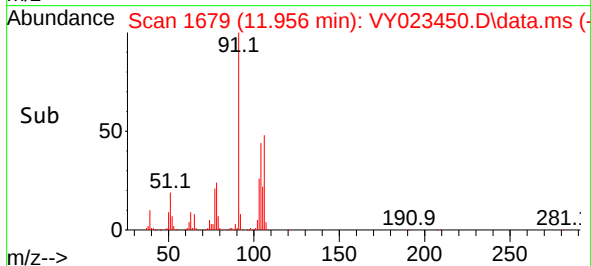
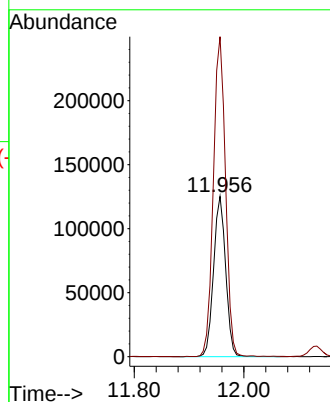
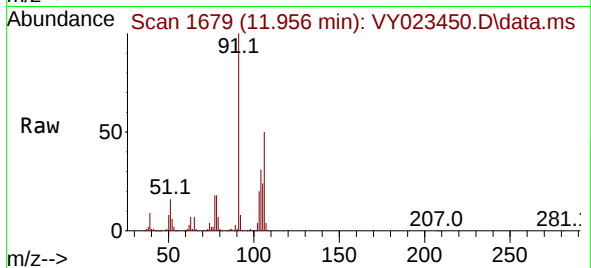
VY1013SBSD01

Tgt Ion:106 Resp: 190933

Ion Ratio Lower Upper

106 100

91 200.3 101.4 304.1



#70

Styrene

Concen: 20.650 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

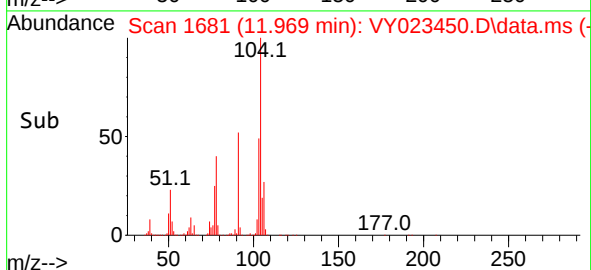
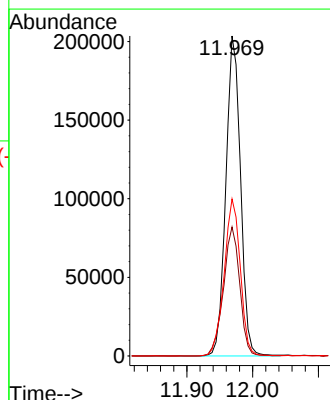
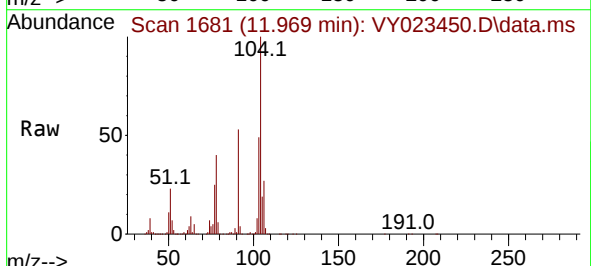
Tgt Ion:104 Resp: 316422

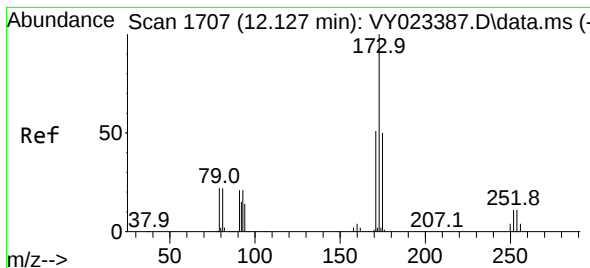
Ion Ratio Lower Upper

104 100

78 44.7 36.1 54.1

103 54.1 43.2 64.8





#71

Bromoform

Concen: 19.714 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

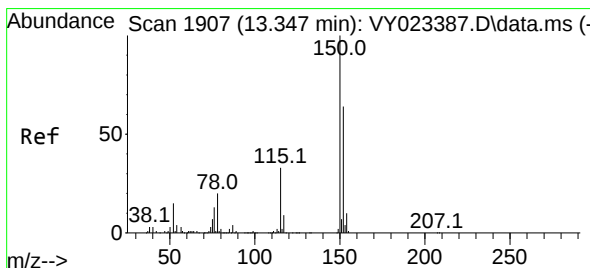
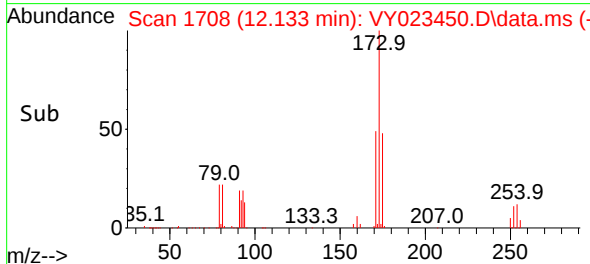
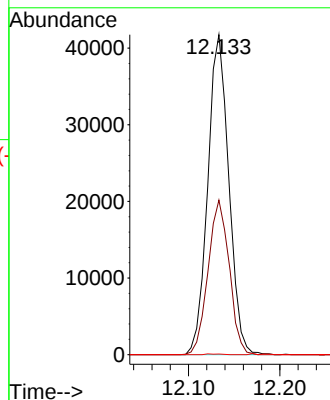
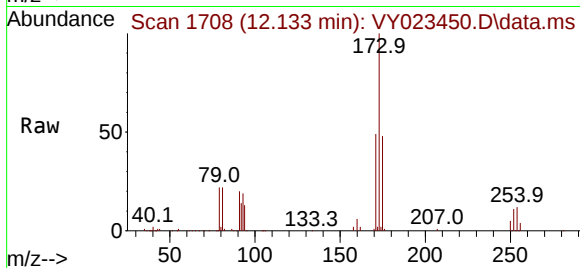
Tgt Ion:173 Resp: 66678

Ion Ratio Lower Upper

173 100

175 48.6 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

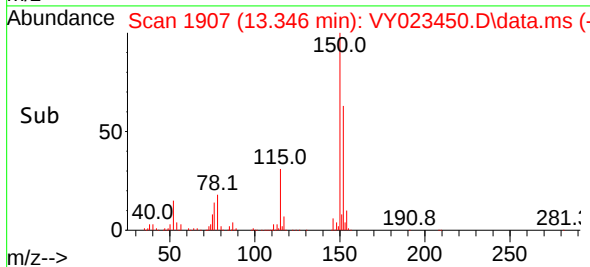
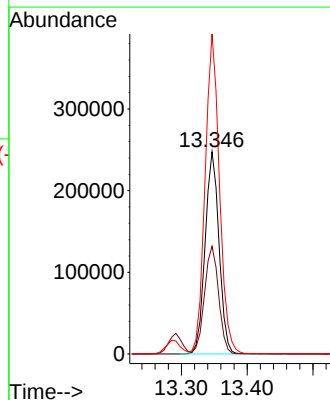
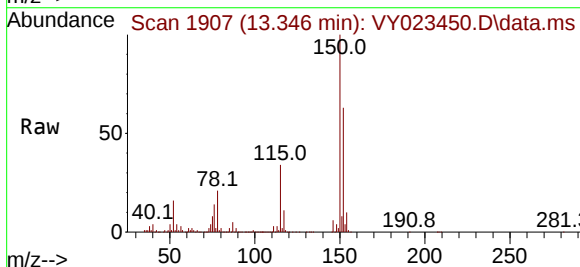
Tgt Ion:152 Resp: 363546

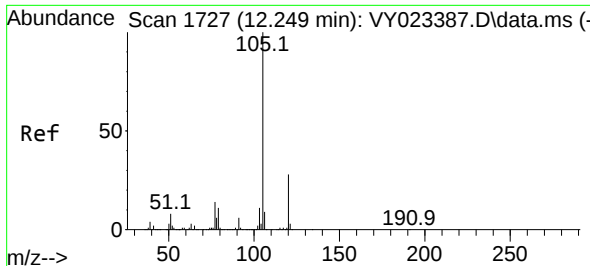
Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.2

150 163.6 0.0 347.4

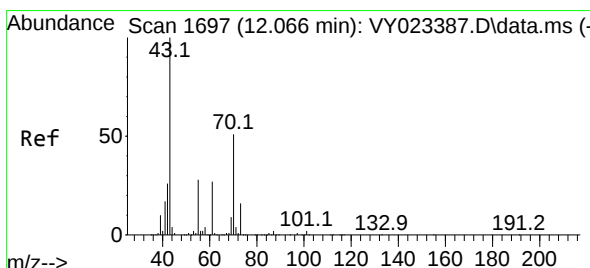
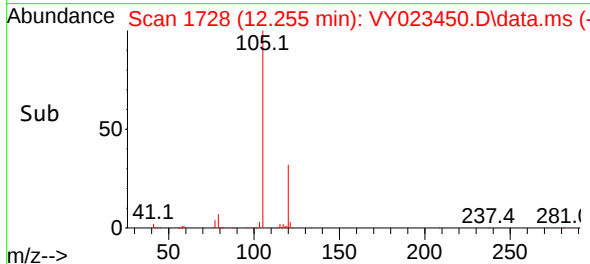
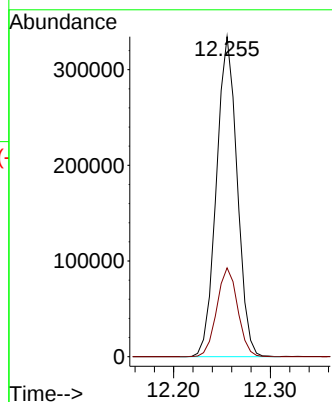
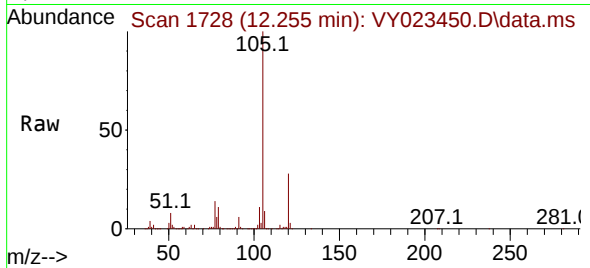




#73
Isopropylbenzene
Concen: 20.788 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

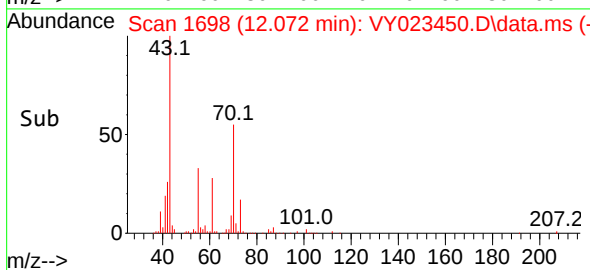
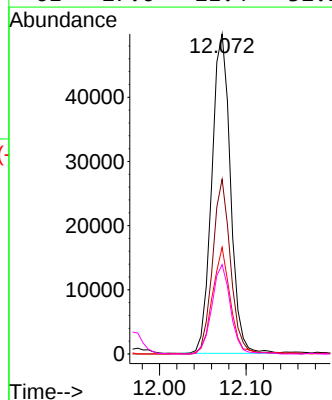
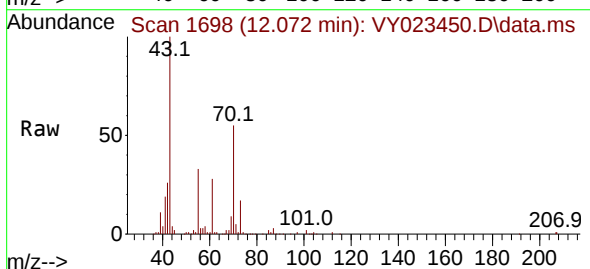
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

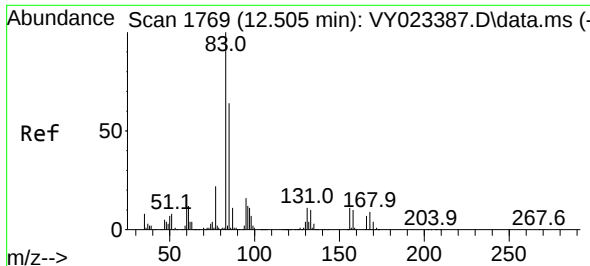
Tgt Ion:105 Resp: 498044
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.7



#74
N-ethyl acetate
Concen: 17.356 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 43 Resp: 74689
Ion Ratio Lower Upper
43 100
70 52.7 41.1 61.7
55 31.8 23.0 34.6
61 27.6 21.4 32.2

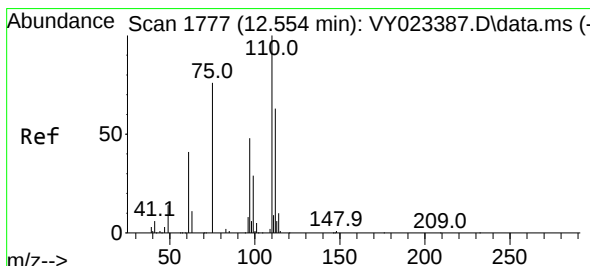
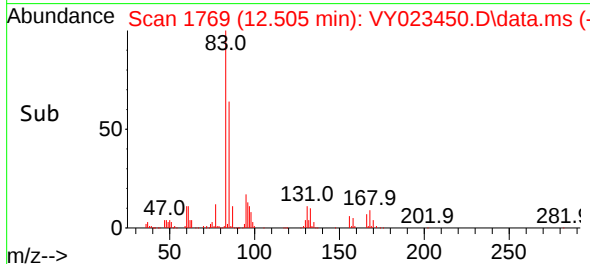
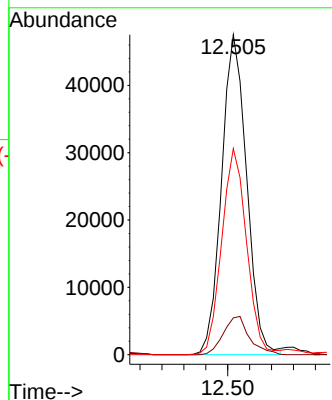
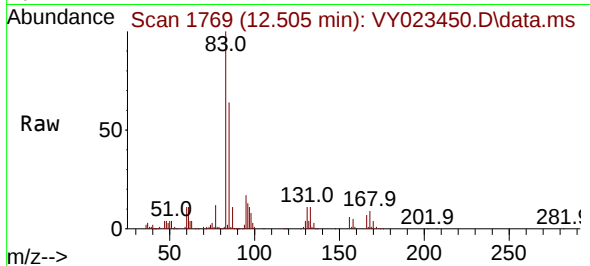




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.267 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

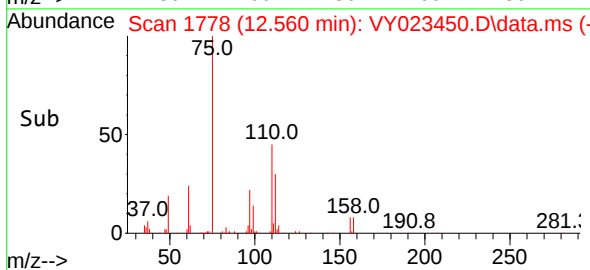
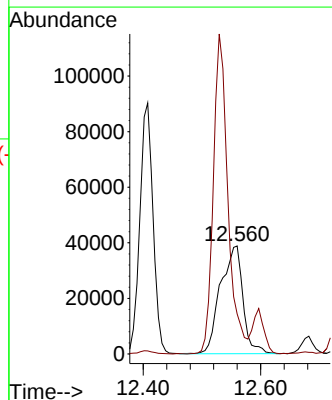
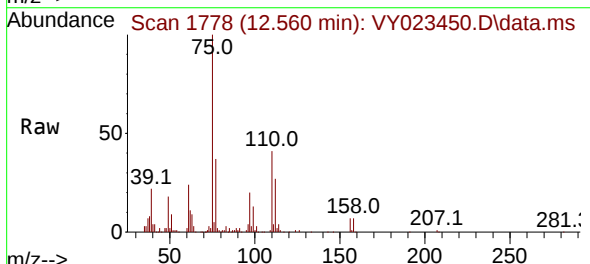
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBSD01

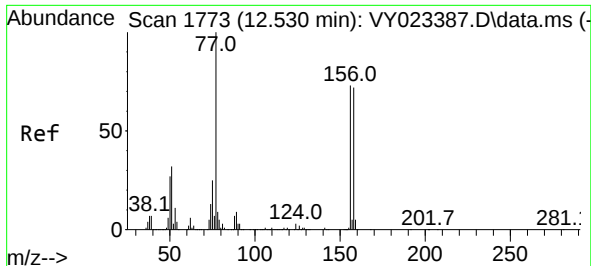
Tgt Ion: 83 Resp: 75499
 Ion Ratio Lower Upper
 83 100
 131 12.4 5.9 17.6
 85 63.8 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 32.175 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

Tgt Ion: 75 Resp: 103198
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

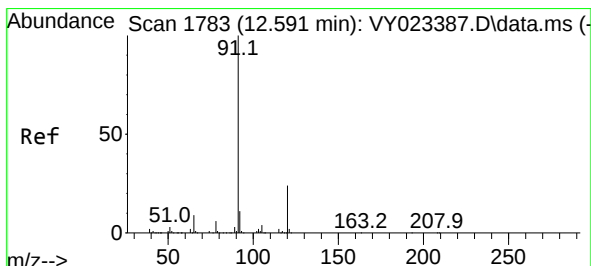
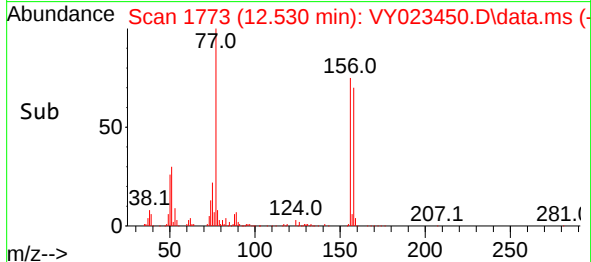
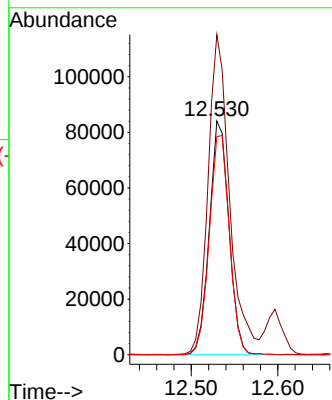
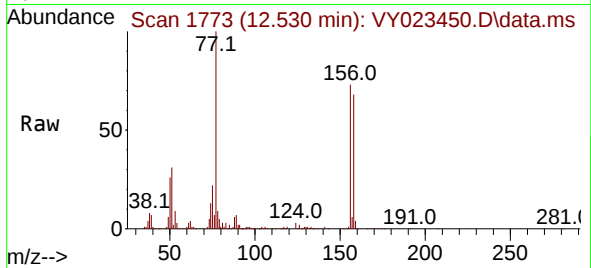




#77
Bromobenzene
Concen: 20.737 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

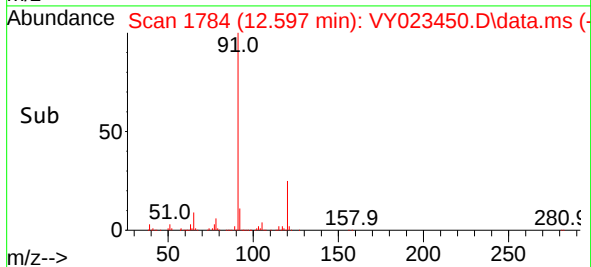
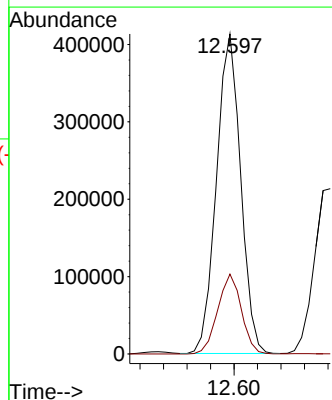
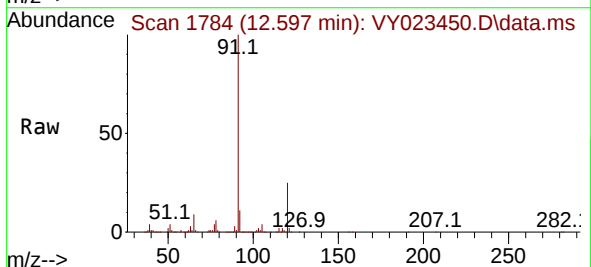
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

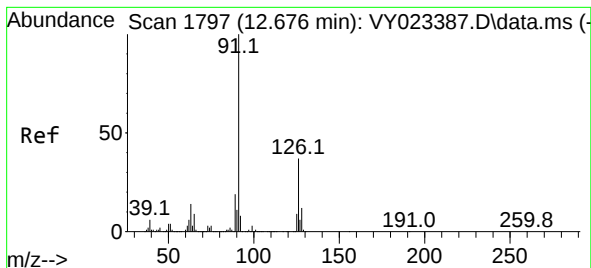
Tgt Ion:156 Resp: 132081
Ion Ratio Lower Upper
156 100
77 151.2 76.8 230.5
158 96.3 49.0 147.2



#78
n-propylbenzene
Concen: 21.294 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 91 Resp: 590377
Ion Ratio Lower Upper
91 100
120 24.4 12.3 36.8





#79

2-Chlorotoluene

Concen: 20.788 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

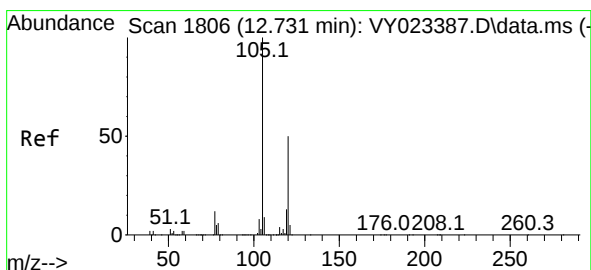
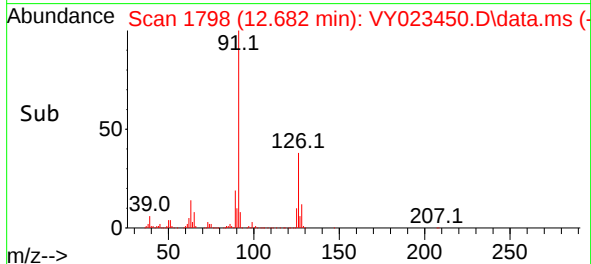
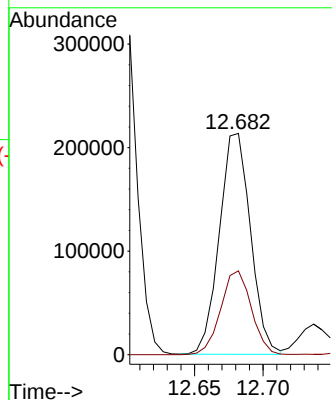
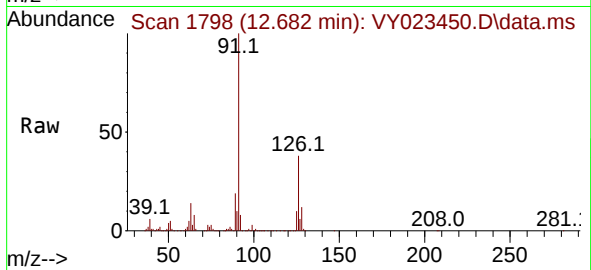
VY1013SBSD01

Tgt Ion: 91 Resp: 337495

Ion Ratio Lower Upper

91 100

126 37.4 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 21.295 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023450.D

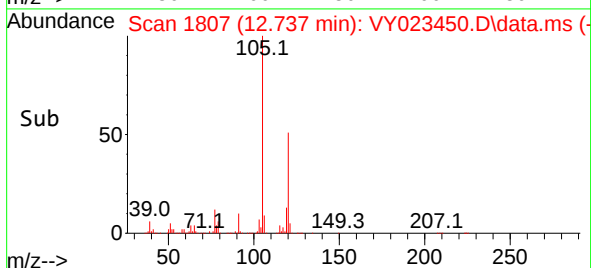
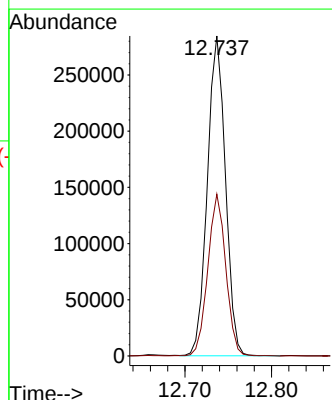
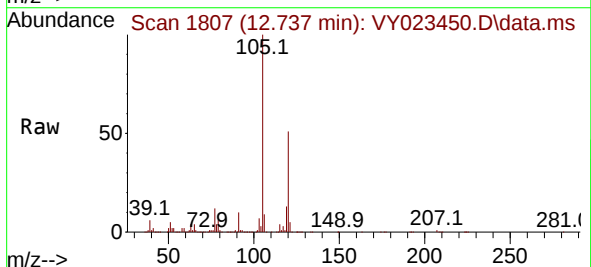
Acq: 13 Oct 2025 10:19

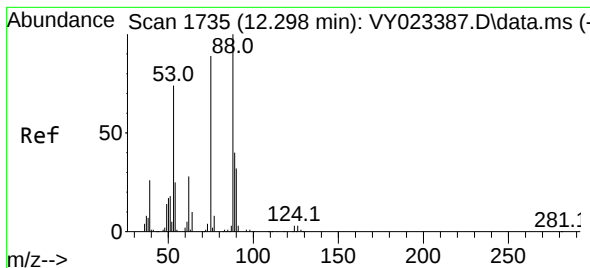
Tgt Ion: 105 Resp: 412272

Ion Ratio Lower Upper

105 100

120 50.5 25.4 76.4

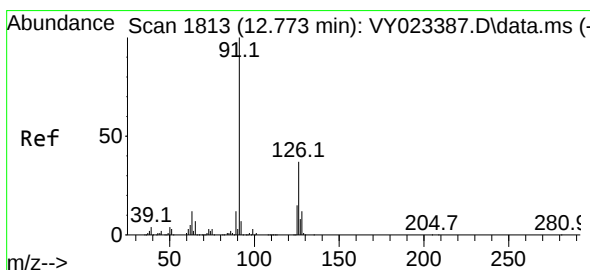
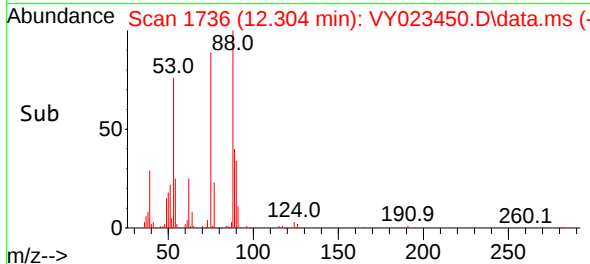
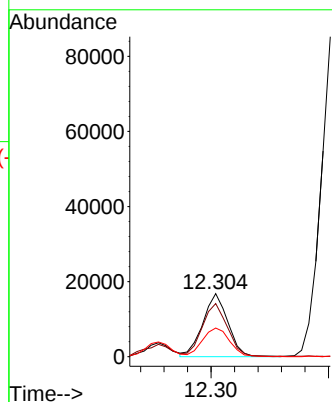
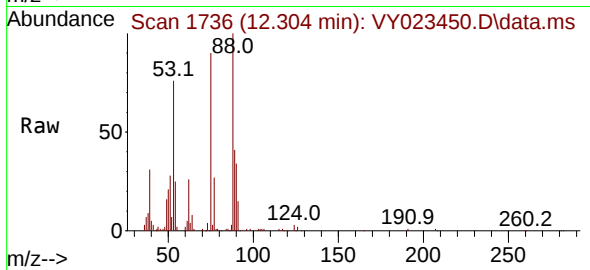




#81
trans-1,4-Dichloro-2-butene
Concen: 19.018 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

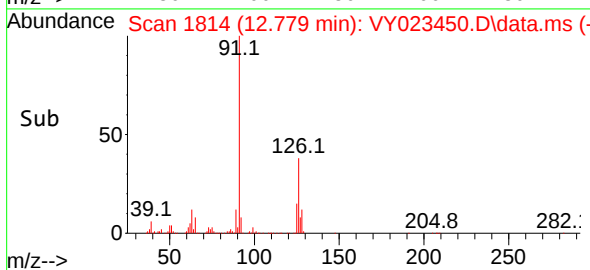
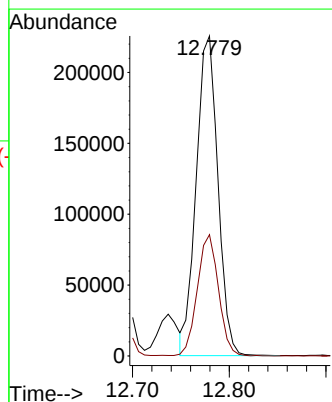
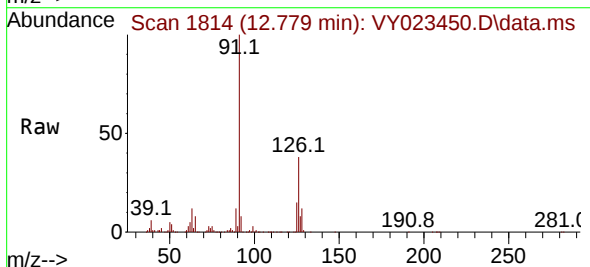
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

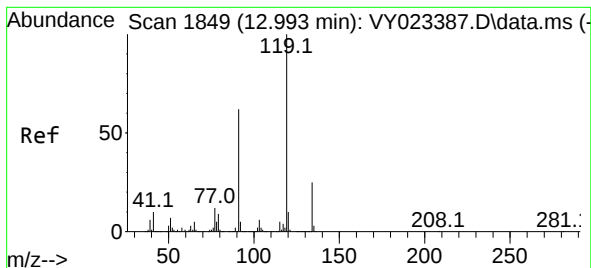
Tgt Ion: 75 Resp: 24875
Ion Ratio Lower Upper
75 100
53 84.6 68.6 102.8
89 48.9 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.043 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion: 91 Resp: 351849
Ion Ratio Lower Upper
91 100
126 37.1 18.4 55.4





#83

tert-Butylbenzene

Concen: 20.926 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

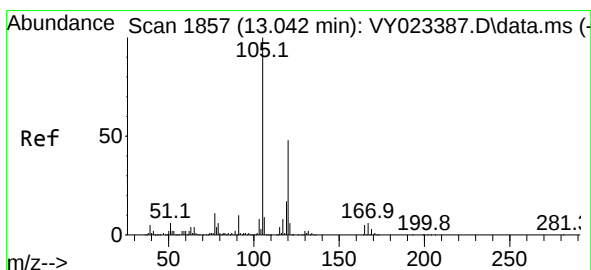
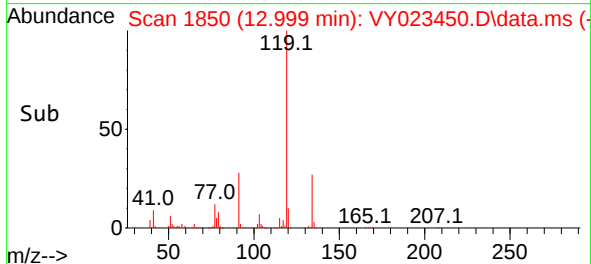
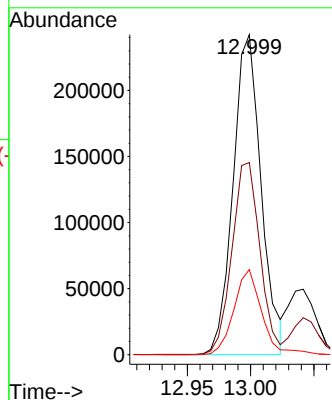
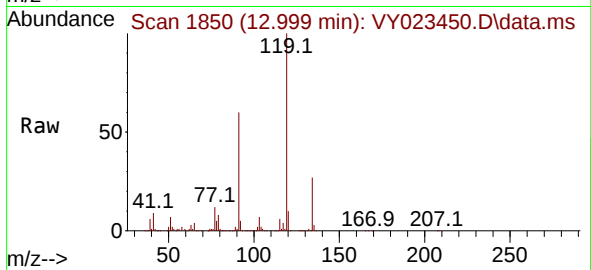
Tgt Ion:119 Resp: 374062

Ion Ratio Lower Upper

119 100

91 59.8 29.9 89.8

134 26.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.284 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023450.D

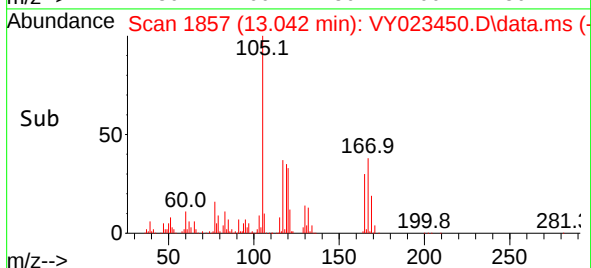
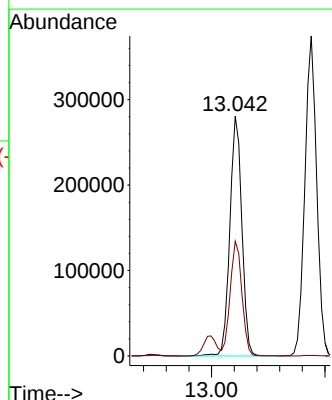
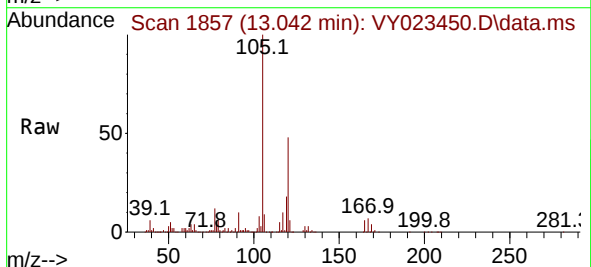
Acq: 13 Oct 2025 10:19

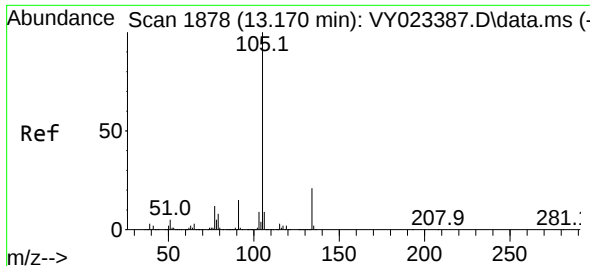
Tgt Ion:105 Resp: 411233

Ion Ratio Lower Upper

105 100

120 46.9 23.8 71.2

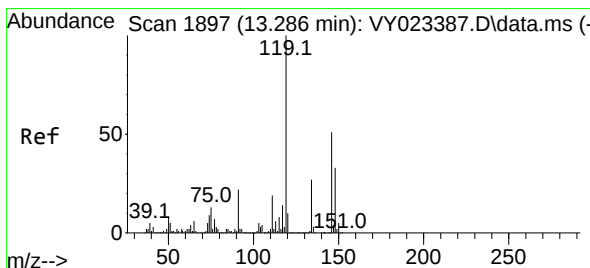
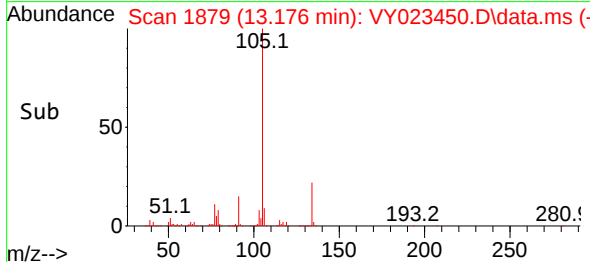
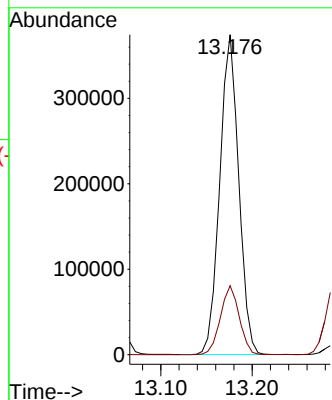
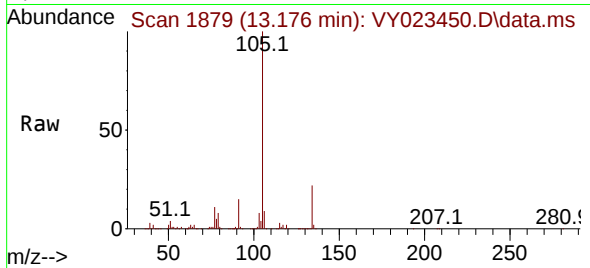




#85
 sec-Butylbenzene
 Concen: 21.069 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

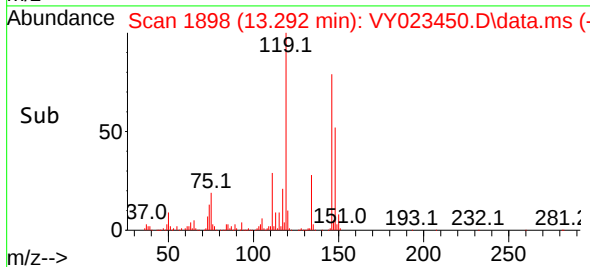
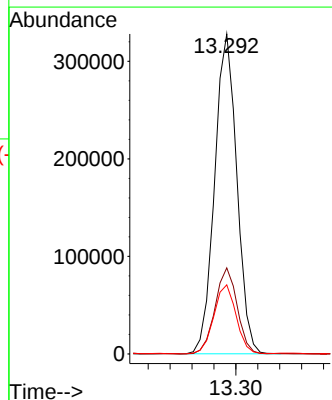
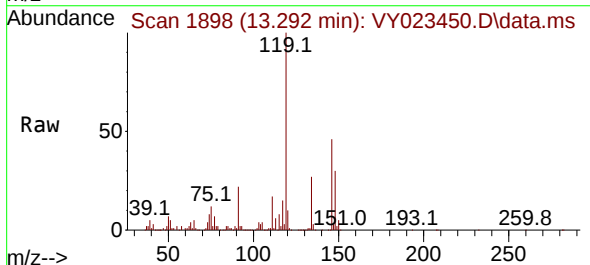
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBSD01

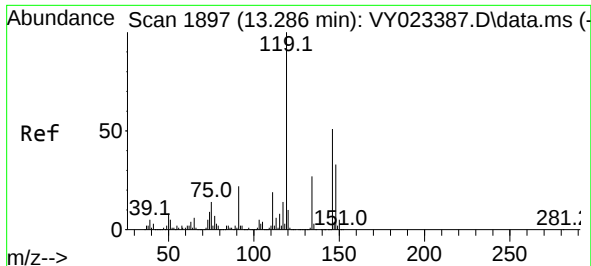
Tgt Ion:105 Resp: 540234
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 21.105 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

Tgt Ion:119 Resp: 460758
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 20.561 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

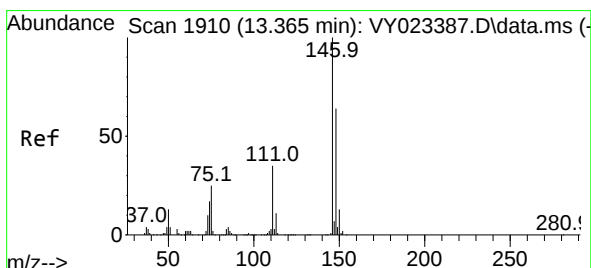
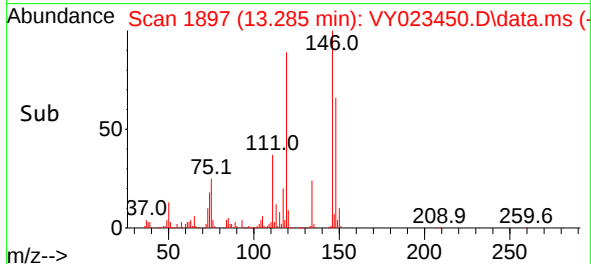
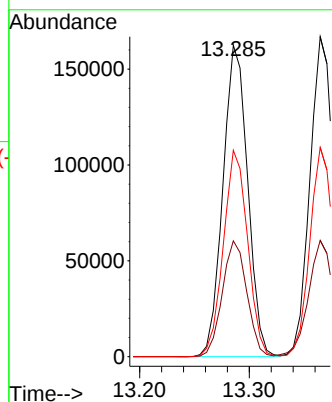
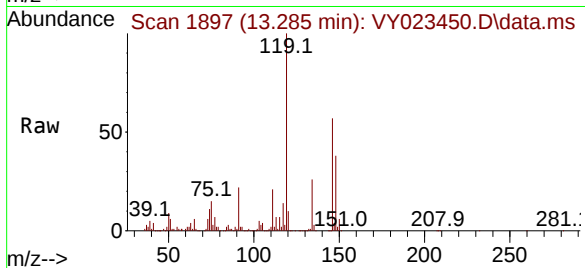
Tgt Ion:146 Resp: 255018

Ion Ratio Lower Upper

146 100

111 36.8 18.7 56.1

148 65.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.682 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

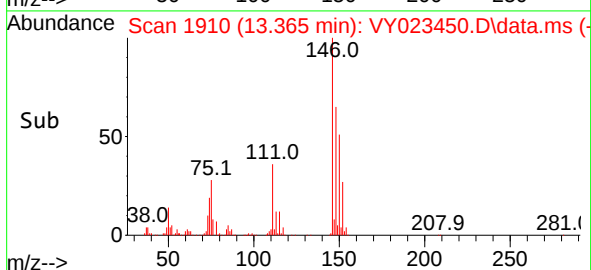
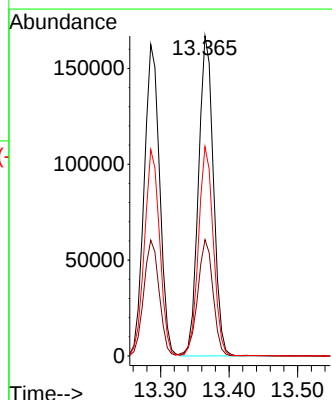
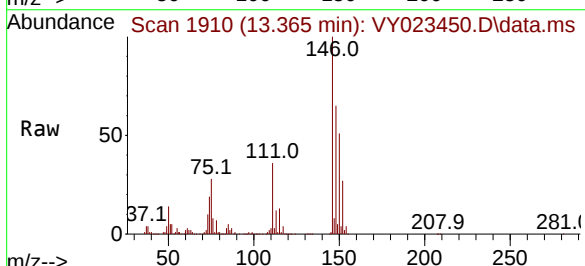
Tgt Ion:146 Resp: 253345

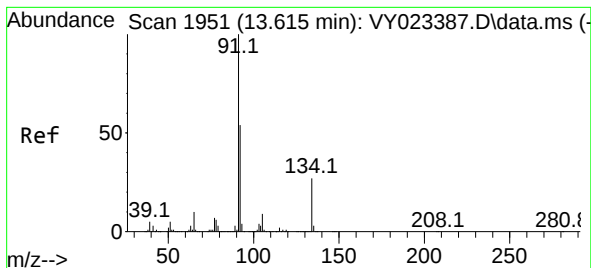
Ion Ratio Lower Upper

146 100

111 37.3 18.0 54.0

148 64.7 31.9 95.7





#89

n-Butylbenzene

Concen: 20.381 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

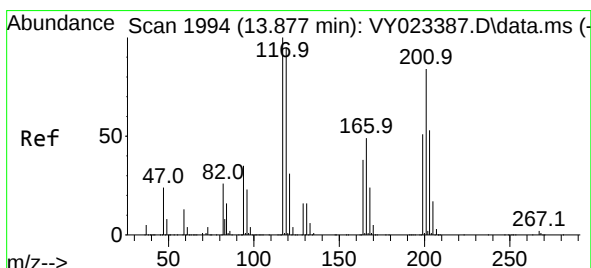
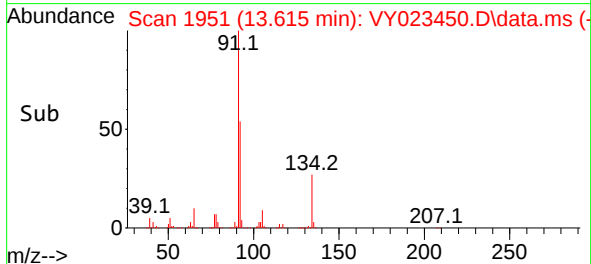
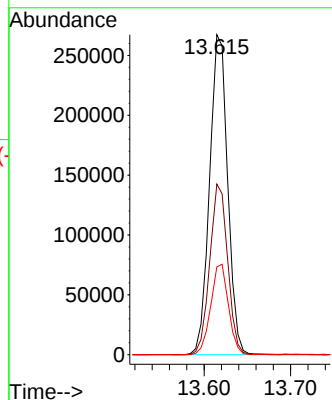
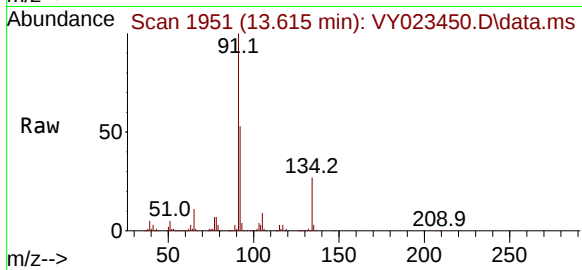
Tgt Ion: 91 Resp: 387701

Ion Ratio Lower Upper

91 100

92 52.7 27.0 80.8

134 27.7 14.1 42.2



#90

Hexachloroethane

Concen: 20.498 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023450.D

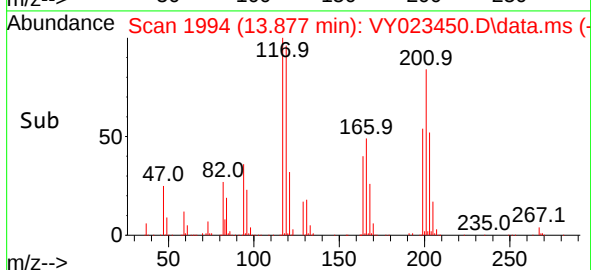
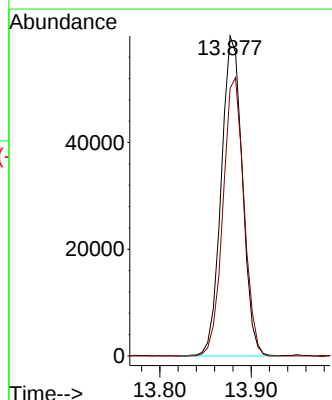
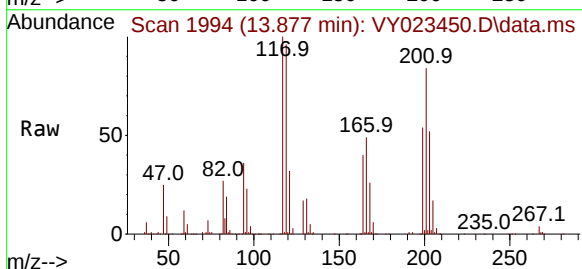
Acq: 13 Oct 2025 10:19

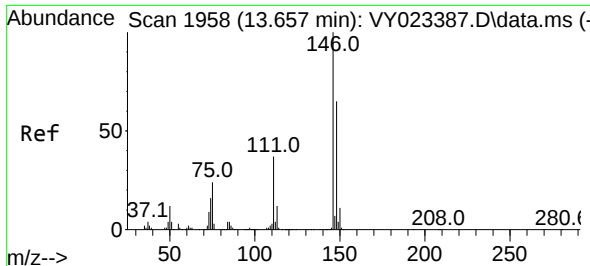
Tgt Ion: 117 Resp: 96253

Ion Ratio Lower Upper

117 100

201 86.4 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 20.488 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

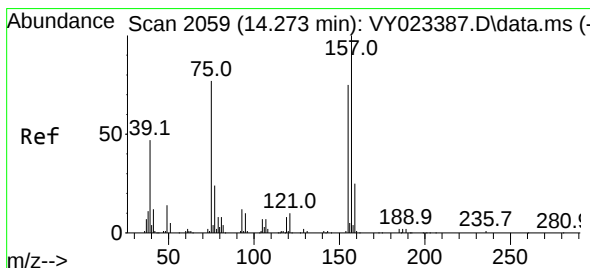
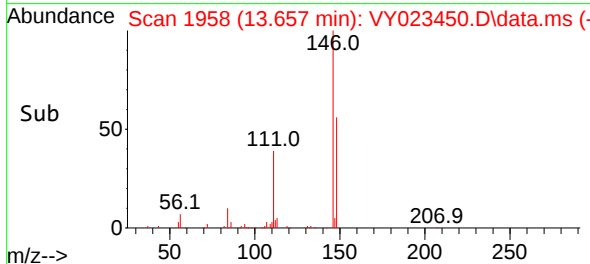
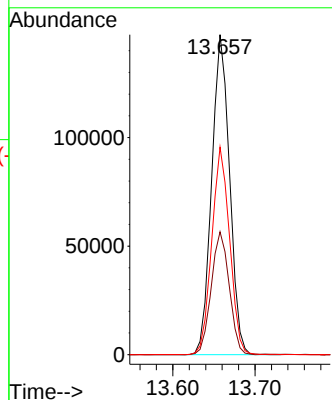
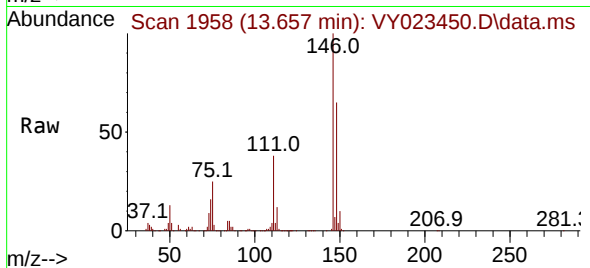
Tgt Ion:146 Resp: 222792

Ion Ratio Lower Upper

146 100

111 38.6 19.0 57.0

148 64.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.115 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023450.D

Acq: 13 Oct 2025 10:19

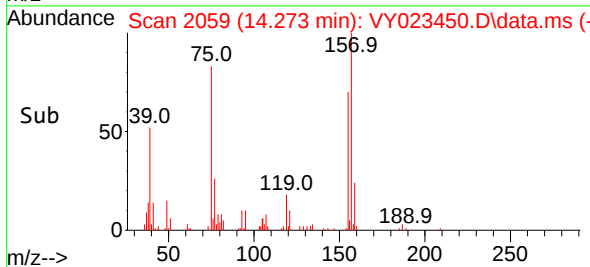
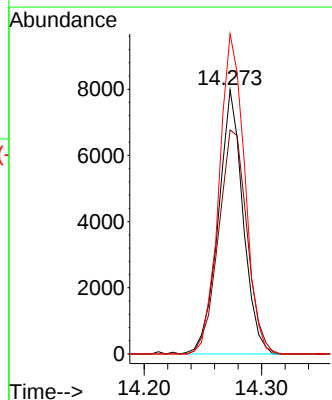
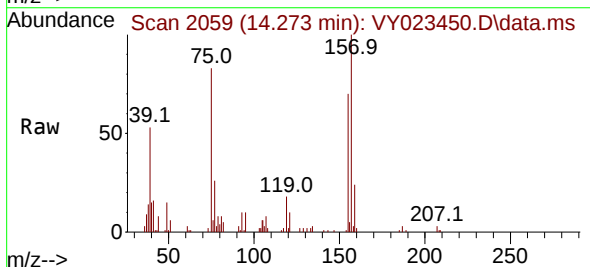
Tgt Ion: 75 Resp: 11647

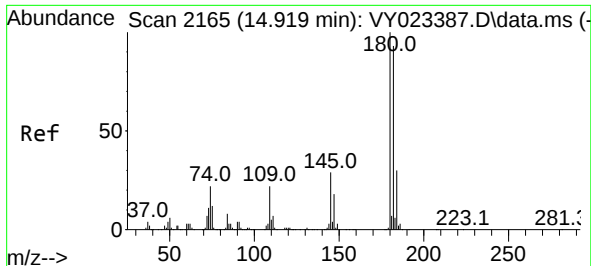
Ion Ratio Lower Upper

75 100

155 97.7 50.0 150.0

157 125.9 63.8 191.5

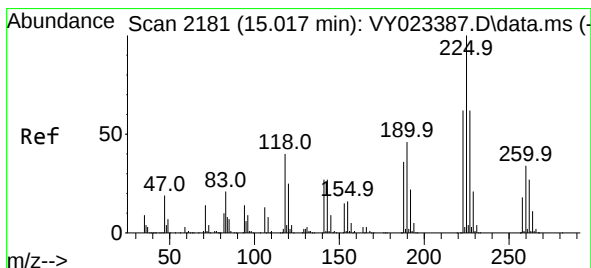
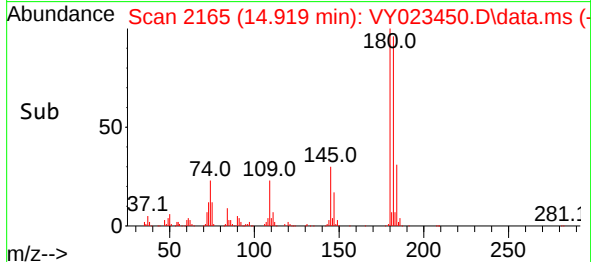
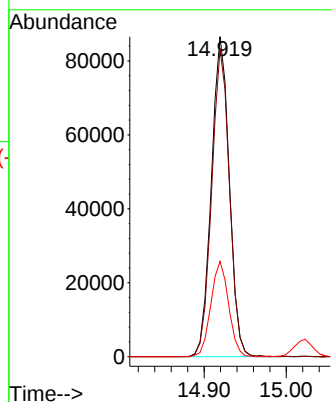
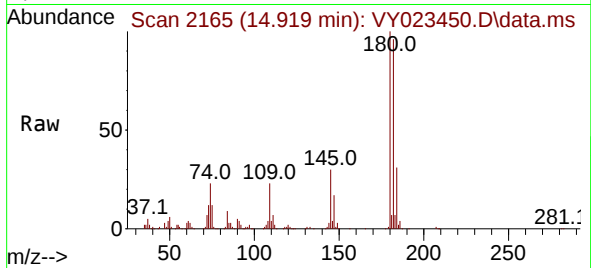




#93
 1,2,4-Trichlorobenzene
 Concen: 19.321 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

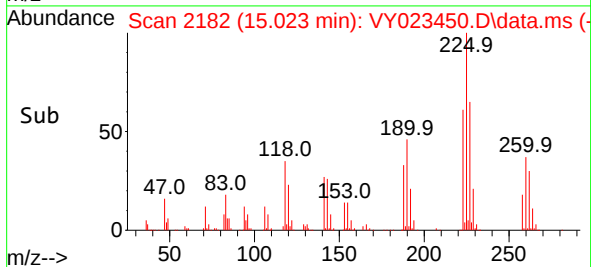
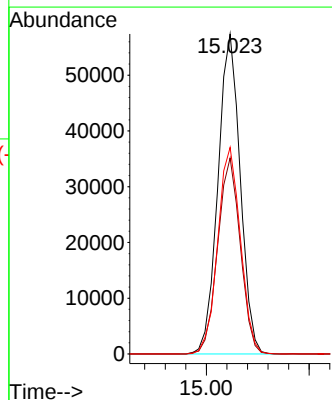
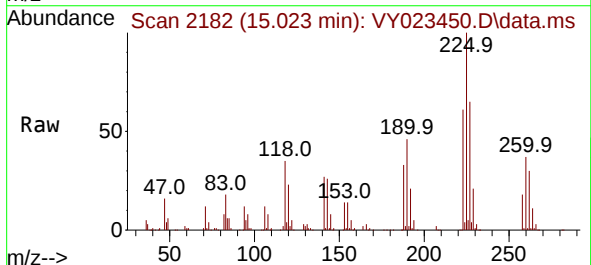
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBSD01

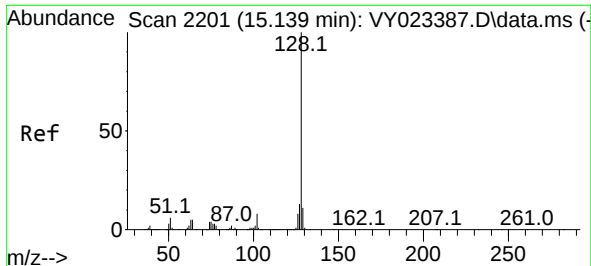
Tgt Ion:	180	Resp:	130978
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.6
145	29.4	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 20.386 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023450.D
 Acq: 13 Oct 2025 10:19

Tgt Ion:	225	Resp:	86146
Ion Ratio	Lower	Upper	
225	100		
223	62.1	30.8	92.3
227	65.8	31.9	95.7

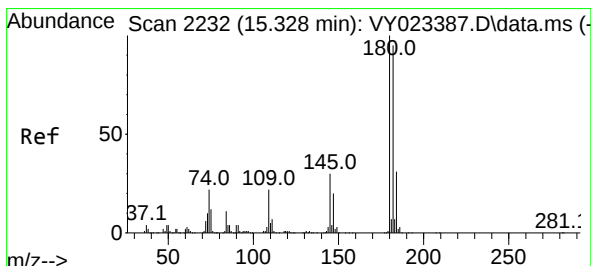
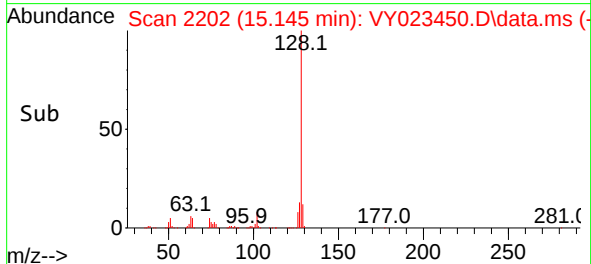
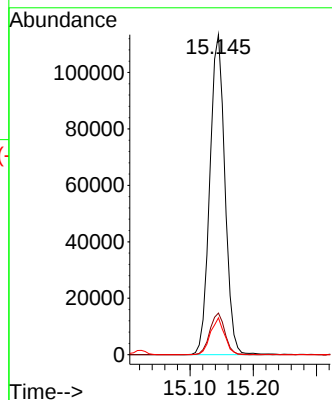
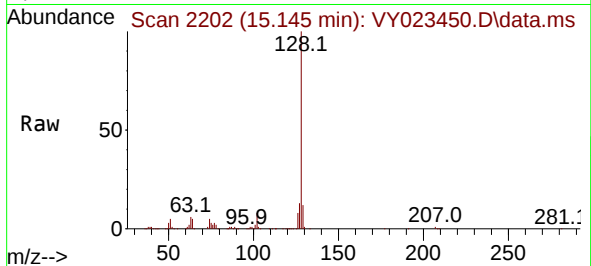




#95
Naphthalene
Concen: 17.441 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion:128 Resp: 188273
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.088 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023450.D
Acq: 13 Oct 2025 10:19

Tgt Ion:180 Resp: 112083
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.8
145 30.4 15.3 45.9

