

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101325\
 Data File : VY023449.D
 Acq On : 13 Oct 2025 09:56
 Operator : SY/MD
 Sample : VY1013SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Quant Time: Oct 14 04:15:50 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	542890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	790965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	682862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	357707	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	218442	48.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.240%
35) Dibromofluoromethane	7.640	113	247844	50.996	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.000%
50) Toluene-d8	10.109	98	941495	52.018	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.407	95	295994	49.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	83193	21.290	ug/l	99
3) Chloromethane	2.074	50	104678	19.664	ug/l	100
4) Vinyl Chloride	2.208	62	135407	19.529	ug/l	98
5) Bromomethane	2.598	94	121347	20.855	ug/l	98
6) Chloroethane	2.738	64	97493	20.628	ug/l	100
7) Trichlorofluoromethane	3.062	101	195344	20.291	ug/l	99
8) Diethyl Ether	3.458	74	48115	19.127	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	107172	21.453	ug/l	99
10) Methyl Iodide	4.013	142	111967	20.133	ug/l	100
11) Tert butyl alcohol	4.854	59	28627	84.763	ug/l #	86
12) 1,1-Dichloroethene	3.799	96	99557	20.558	ug/l	94
13) Acrolein	3.653	56	32998	69.146	ug/l	98
14) Allyl chloride	4.391	41	113366	19.208	ug/l	97
15) Acrylonitrile	5.067	53	87459	90.847	ug/l	99
16) Acetone	3.872	43	127797	118.247	ug/l	99
17) Carbon Disulfide	4.110	76	287231	20.723	ug/l	100
18) Methyl Acetate	4.391	43	45097	15.907	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	216299	18.584	ug/l	96
20) Methylene Chloride	4.628	84	112171	19.194	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	111866	20.981	ug/l	95
22) Diisopropyl ether	6.024	45	257546	19.728	ug/l	95
23) Vinyl Acetate	5.970	43	667328	94.438	ug/l	99
24) 1,1-Dichloroethane	5.921	63	178442	20.635	ug/l	100
25) 2-Butanone	6.896	43	134160	101.679	ug/l	96
26) 2,2-Dichloropropane	6.890	77	168518	21.237	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	128271	20.828	ug/l	97
28) Bromochloromethane	7.250	49	64731	20.051	ug/l	98
29) Tetrahydrofuran	7.268	42	61654	82.401	ug/l	96
30) Chloroform	7.427	83	199767	21.026	ug/l	99
31) Cyclohexane	7.707	56	149762	19.831	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	183325	21.232	ug/l	99
36) 1,1-Dichloropropene	7.841	75	136996	21.292	ug/l	99
37) Ethyl Acetate	6.994	43	46661	18.305	ug/l	98
38) Carbon Tetrachloride	7.823	117	168064	21.541	ug/l	99
39) Methylcyclohexane	9.115	83	170756	20.383	ug/l	99
40) Benzene	8.085	78	432095	21.205	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	26326	19.096	ug/l	93
42) 1,2-Dichloroethane	8.164	62	106670	20.298	ug/l	100
43) Isopropyl Acetate	8.201	43	88995	17.509	ug/l	99
44) Trichloroethene	8.871	130	128021	21.465	ug/l	98
45) 1,2-Dichloropropane	9.146	63	95313	21.177	ug/l	98
46) Dibromomethane	9.237	93	57212	20.103	ug/l	99
47) Bromodichloromethane	9.426	83	148379	20.701	ug/l	100
48) Methyl methacrylate	9.225	41	39980	16.743	ug/l	94
49) 1,4-Dioxane	9.231	88	11439	346.670	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	229032	87.211	ug/l	100
52) Toluene	10.176	92	283478	21.426	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	121399	19.479	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	150129	20.410	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	76273	19.930	ug/l	94
56) Ethyl methacrylate	10.444	69	78279	17.732	ug/l	99
57) 1,3-Dichloropropane	10.719	76	120976	19.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	169462	85.689	ug/l	100
59) 2-Hexanone	10.761	43	183931	98.004	ug/l	100
60) Dibromochloromethane	10.914	129	107555	20.045	ug/l	100
61) 1,2-Dibromoethane	11.017	107	72237	19.792	ug/l	99
64) Tetrachloroethene	10.652	164	156316	22.170	ug/l	99
65) Chlorobenzene	11.444	112	317467	21.375	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	110950	20.963	ug/l	100
67) Ethyl Benzene	11.523	91	506699	21.077	ug/l	99
68) m/p-Xylenes	11.633	106	414107	42.945	ug/l	100
69) o-Xylene	11.956	106	190451	21.057	ug/l	99
70) Styrene	11.969	104	307698	20.688	ug/l	99
71) Bromoform	12.133	173	64448	19.631	ug/l #	99
73) Isopropylbenzene	12.255	105	498369	21.141	ug/l	99
74) N-amyl acetate	12.072	43	71383	16.859	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	72134	18.709	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	98080	31.078	ug/l #	100
77) Bromobenzene	12.529	156	128601	20.520	ug/l	98
78) n-propylbenzene	12.596	91	584897	21.441	ug/l	100
79) 2-Chlorotoluene	12.682	91	335345	20.992	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	409067	21.474	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	23317	18.118	ug/l	99
82) 4-Chlorotoluene	12.779	91	347939	21.149	ug/l	99
83) tert-Butylbenzene	12.999	119	369717	21.021	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	398707	20.973	ug/l	99
85) sec-Butylbenzene	13.176	105	538356	21.338	ug/l	100
86) p-Isopropyltoluene	13.291	119	450571	20.975	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	251772	20.631	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	246428	20.445	ug/l	99
89) n-Butylbenzene	13.621	91	385775	20.610	ug/l	99
90) Hexachloroethane	13.883	117	96463	20.878	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	213177	19.924	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10512	16.616	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	126767	19.005	ug/l	97
94) Hexachlorobutadiene	15.023	225	85622	20.592	ug/l	99
95) Naphthalene	15.145	128	168049	15.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	104033	18.006	ug/l	100

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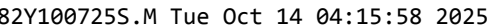
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

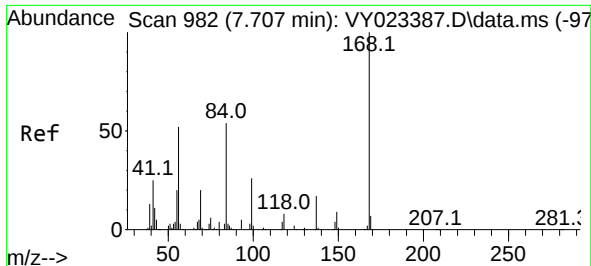
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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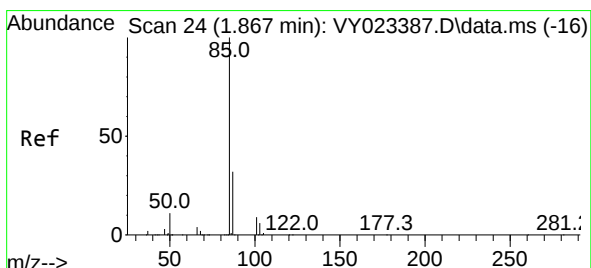
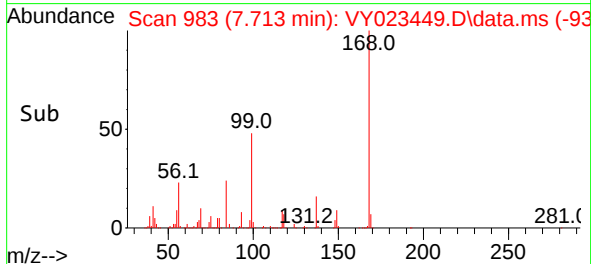
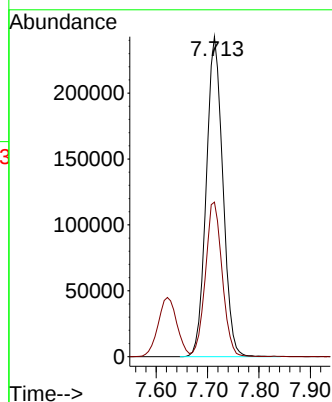
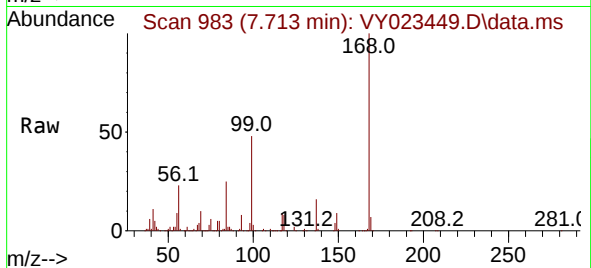




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023449.D
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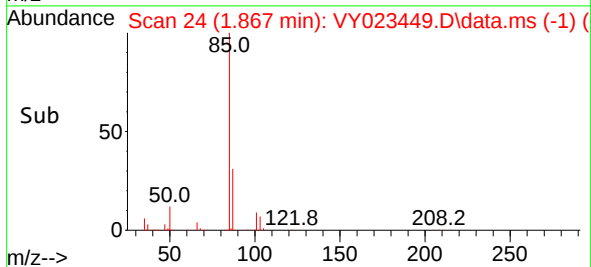
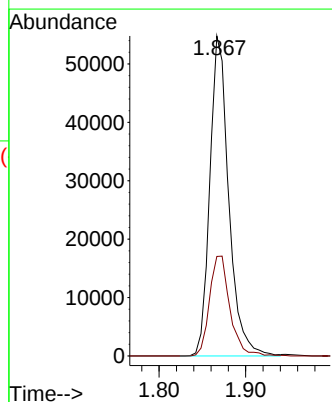
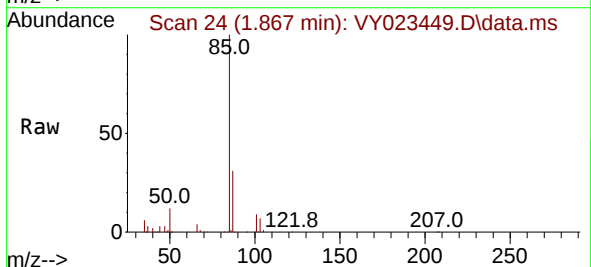
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion:168 Resp: 542890
Ion Ratio Lower Upper
168 100
99 48.2 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 21.290 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 85 Resp: 83193
Ion Ratio Lower Upper
85 100
87 31.1 16.0 47.9

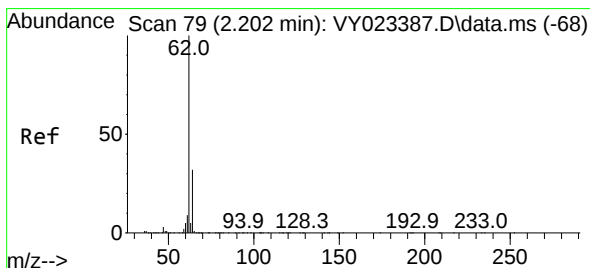
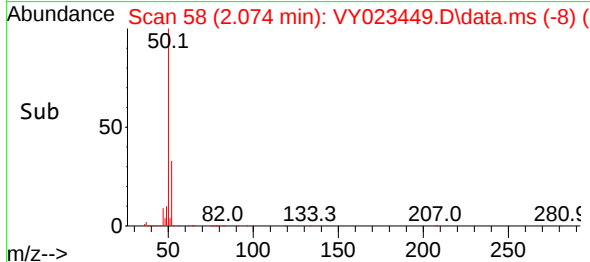
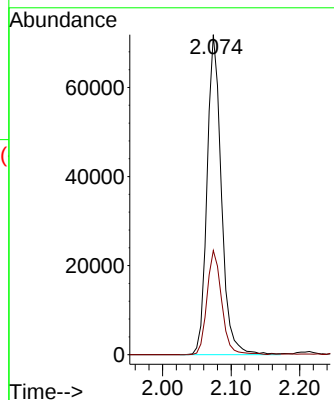
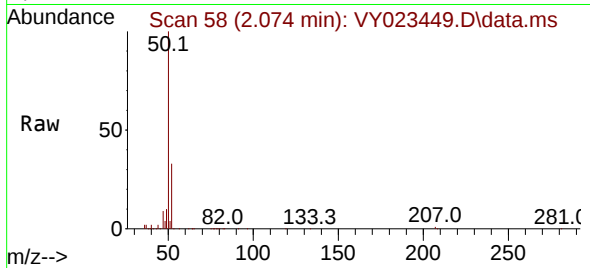




#3
Chloromethane
Concen: 19.664 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

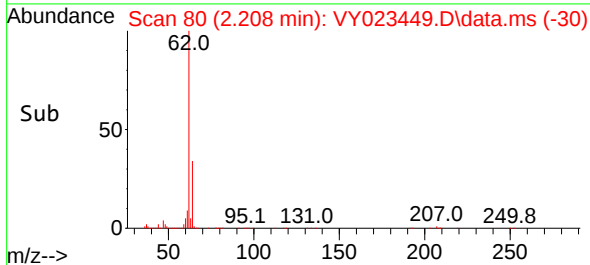
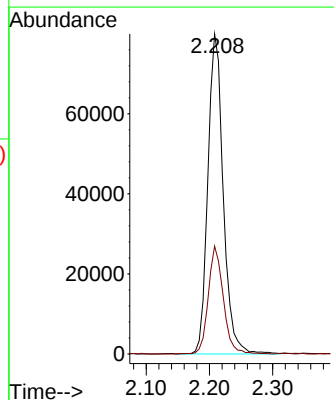
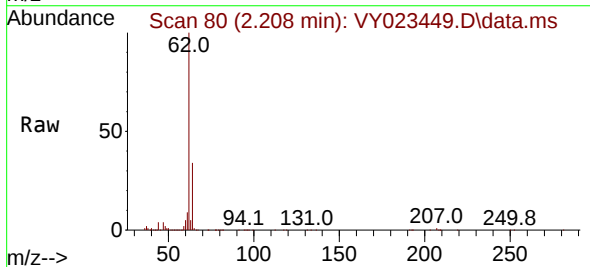
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion: 50 Resp: 104678
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2



#4
Vinyl Chloride
Concen: 19.529 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 62 Resp: 135407
Ion Ratio Lower Upper
62 100
64 33.6 25.8 38.8

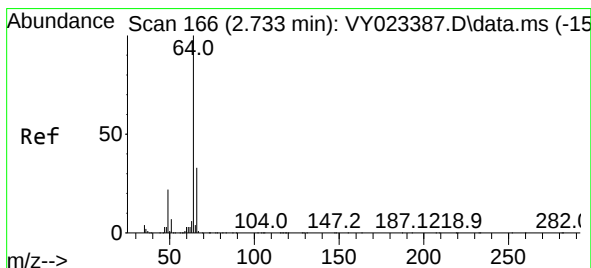
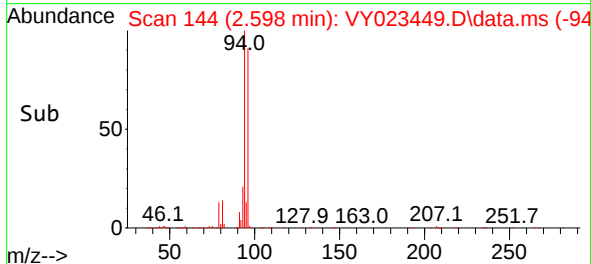
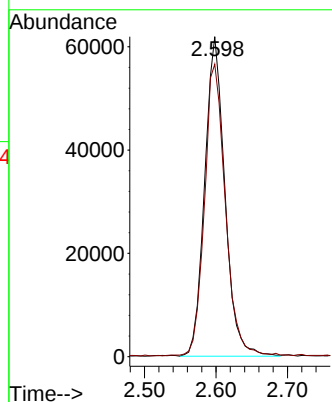
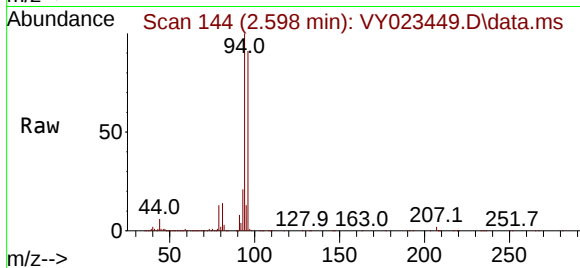




#5
Bromomethane
Concen: 20.855 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

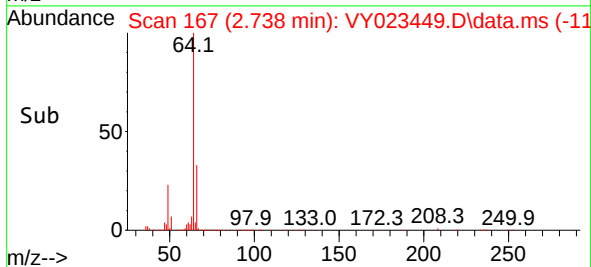
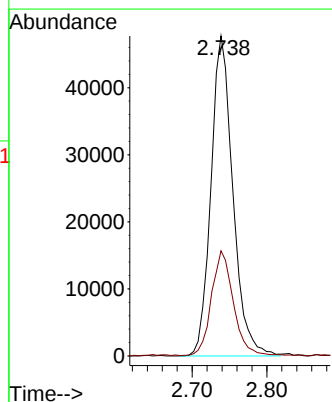
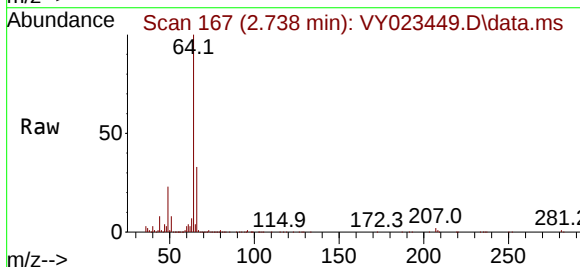
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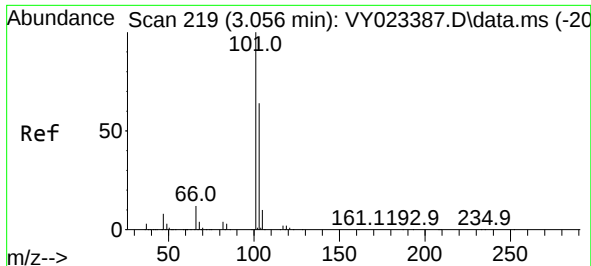
Tgt Ion: 94 Resp: 121347
Ion Ratio Lower Upper
94 100
96 91.1 74.5 111.7



#6
Chloroethane
Concen: 20.628 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 64 Resp: 97493
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4

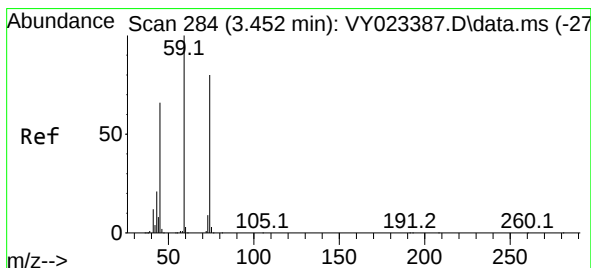
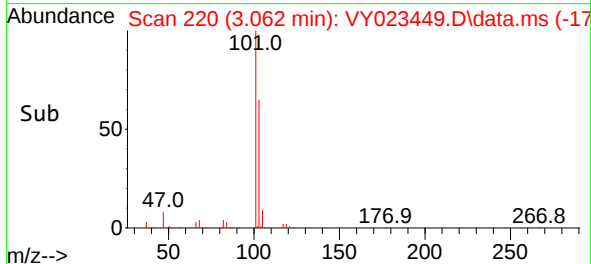
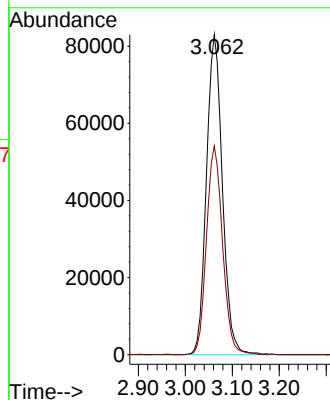
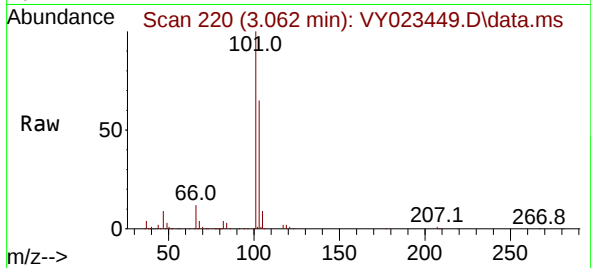




#7
 Trichlorofluoromethane
 Concen: 20.291 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023449.D
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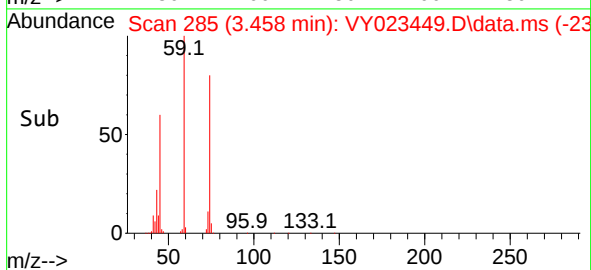
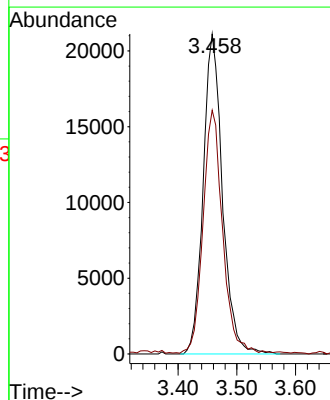
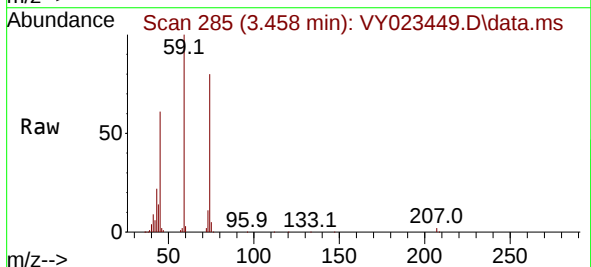
Instrument :
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Tgt Ion:101 Resp: 195344
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.3 76.9



#8
 Diethyl Ether
 Concen: 19.127 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

Tgt Ion: 74 Resp: 48115
 Ion Ratio Lower Upper
 74 100
 45 76.4 39.9 119.7

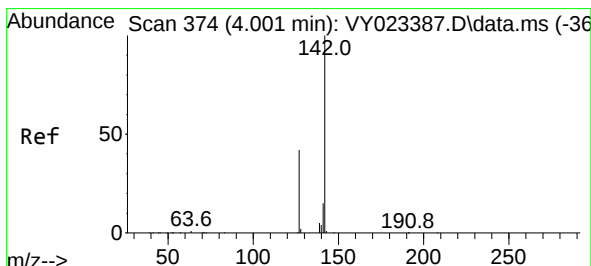
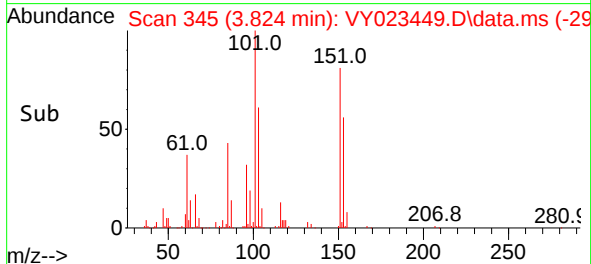
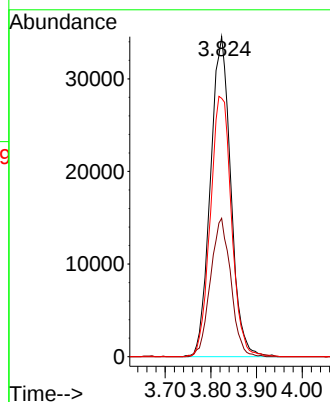
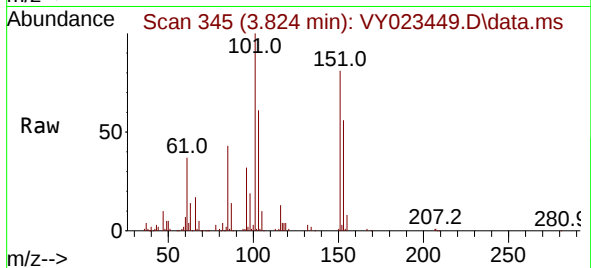




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.453 ug/l
RT: 3.824 min Scan# 343
Delta R.T. 0.012 min
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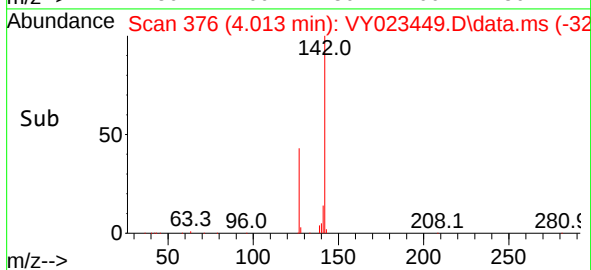
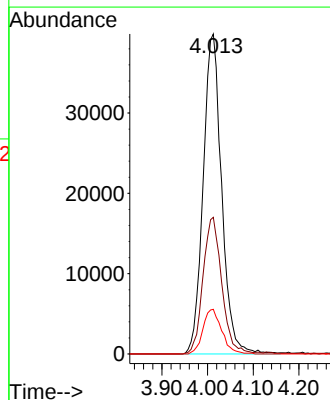
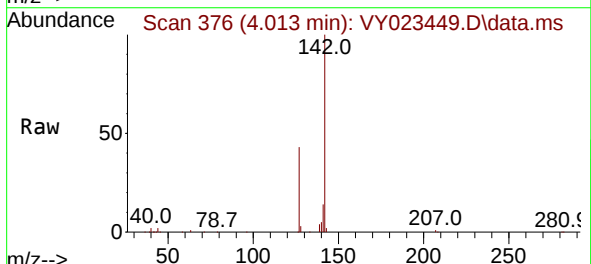
Instrument :
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ClientSampleId :
VY1013SBS01

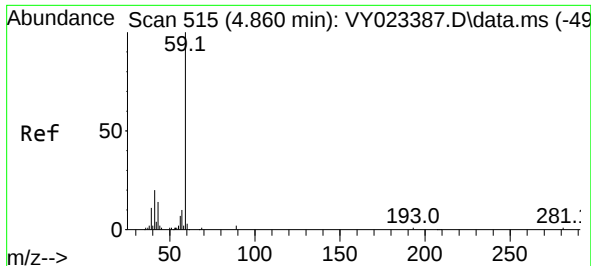
Tgt Ion:101 Resp: 107172
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 84.4 67.0 100.6



#10
Methyl Iodide
Concen: 20.133 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion:142 Resp: 111967
Ion Ratio Lower Upper
142 100
127 43.4 34.8 52.2
141 14.2 11.6 17.4

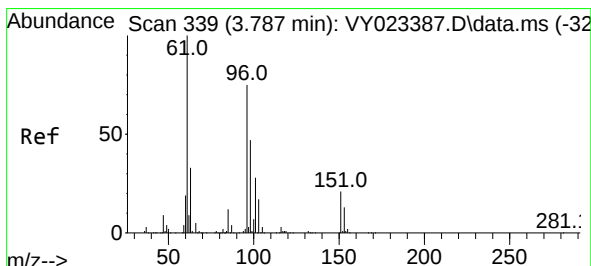
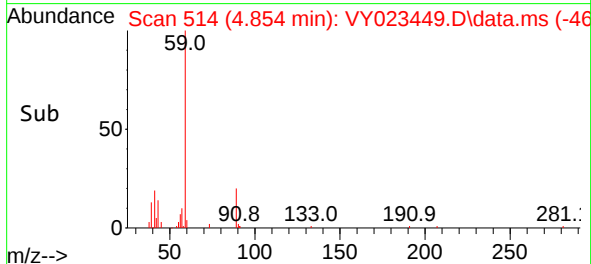
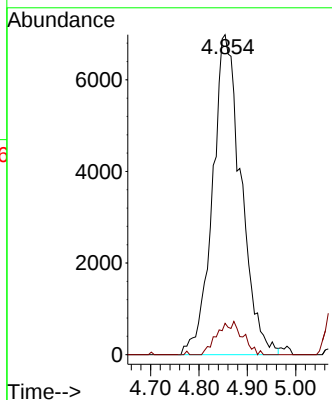
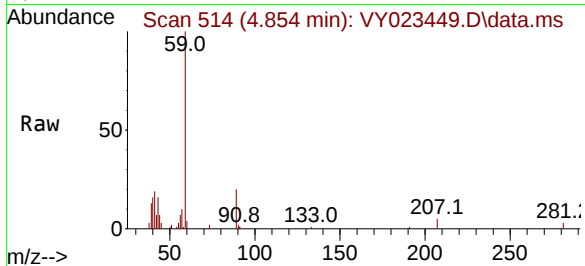




#11
Tert butyl alcohol
Concen: 84.763 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

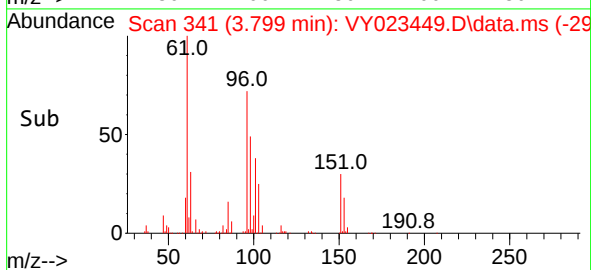
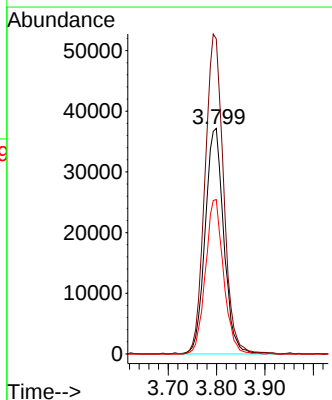
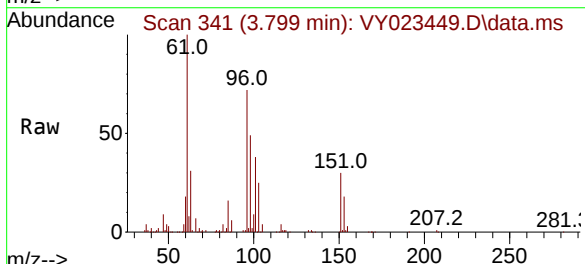
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

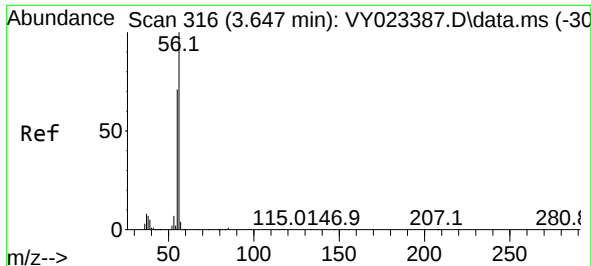
Tgt Ion: 59 Resp: 28627
Ion Ratio Lower Upper
59 100
57 5.3 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 20.558 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 96 Resp: 99557
Ion Ratio Lower Upper
96 100
61 139.6 106.7 160.1
98 68.4 50.2 75.4

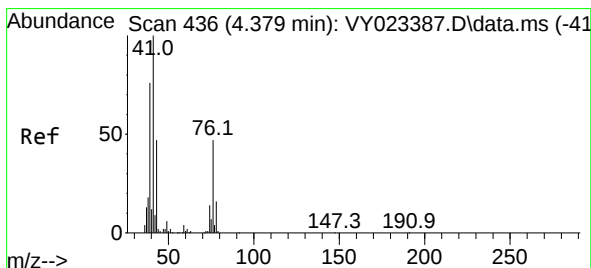
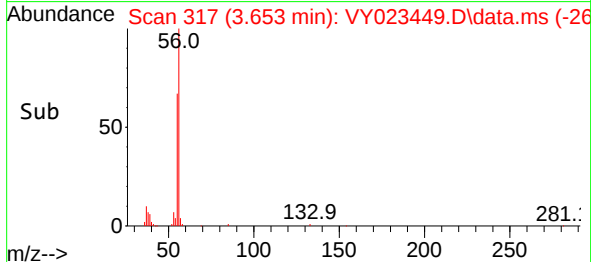
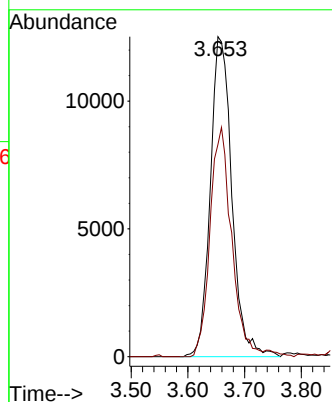
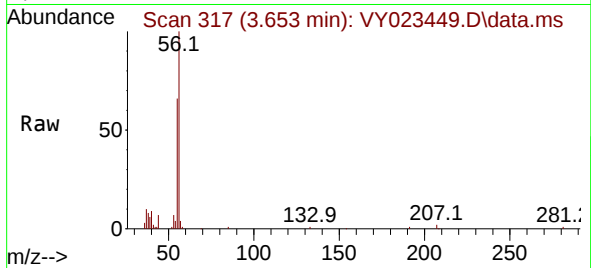




#13
Acrolein
Concen: 69.146 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

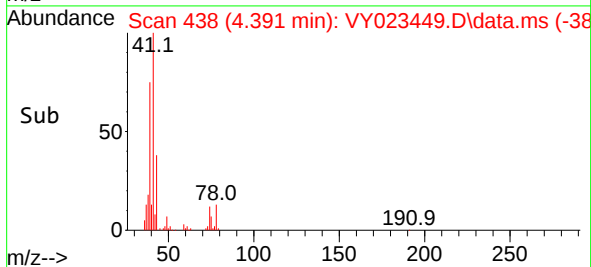
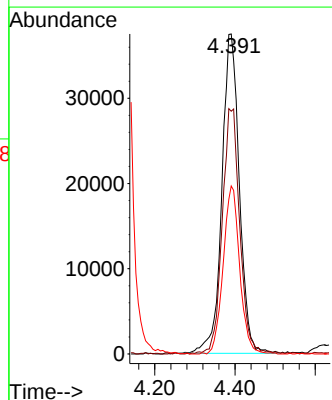
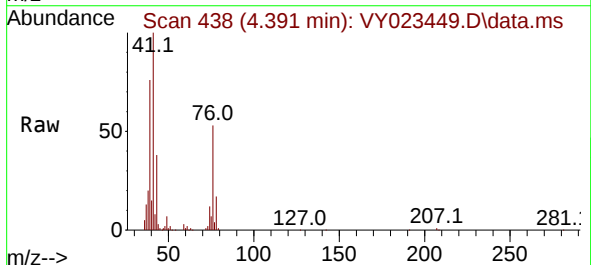
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

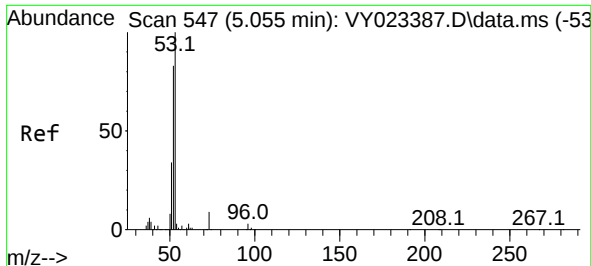
Tgt Ion: 56 Resp: 32998
Ion Ratio Lower Upper
56 100
55 71.5 56.1 84.1



#14
Allyl chloride
Concen: 19.208 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 41 Resp: 113366
Ion Ratio Lower Upper
41 100
39 77.3 59.9 89.9
76 49.7 38.0 57.0

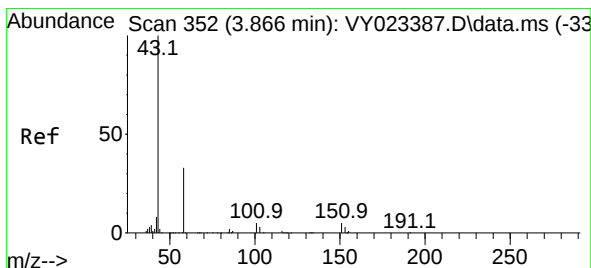
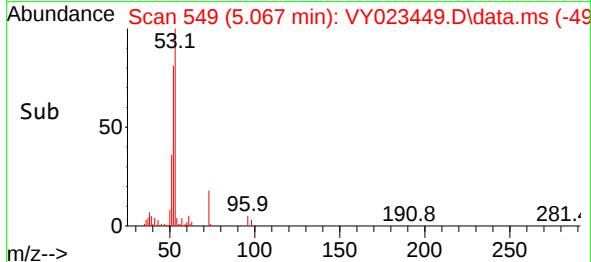
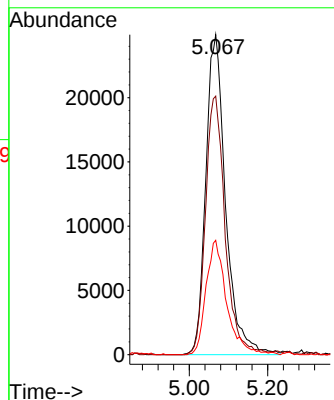
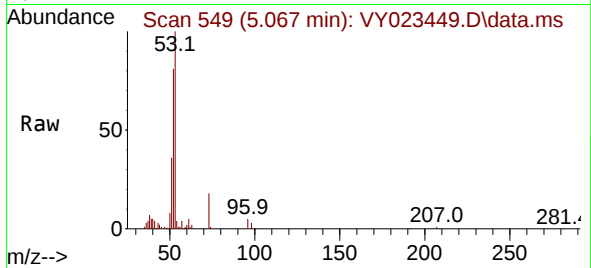




#15
Acrylonitrile
Concen: 90.847 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

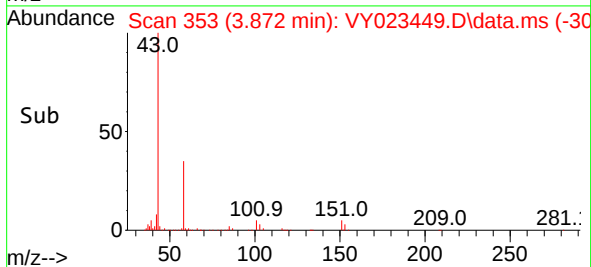
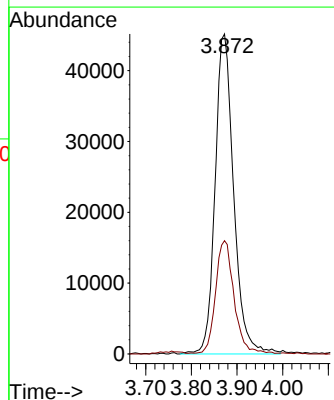
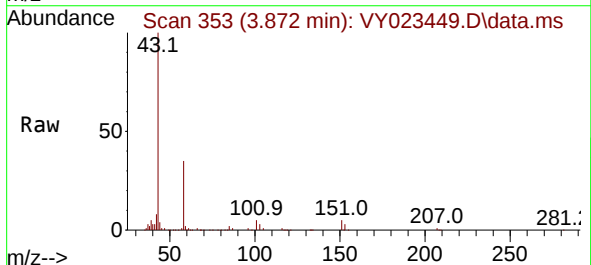
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

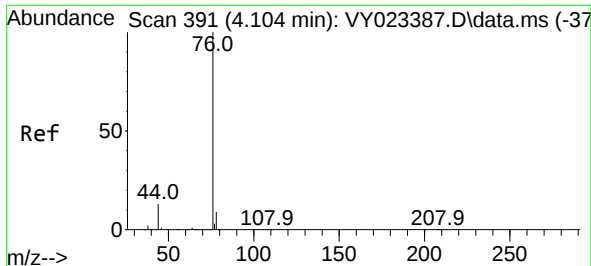
Tgt Ion: 53 Resp: 87459
Ion Ratio Lower Upper
53 100
52 80.1 64.6 97.0
51 37.2 29.5 44.3



#16
Acetone
Concen: 118.247 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 43 Resp: 127797
Ion Ratio Lower Upper
43 100
58 35.2 27.7 41.5

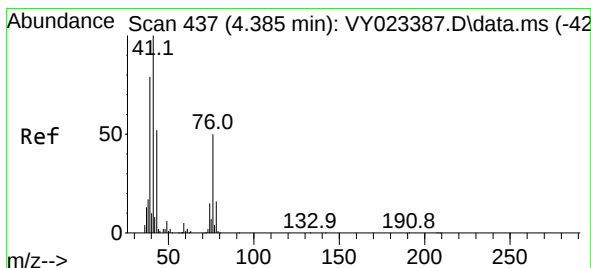
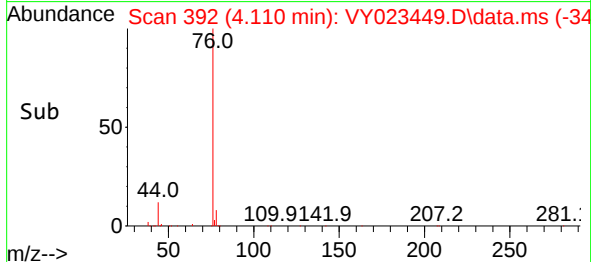
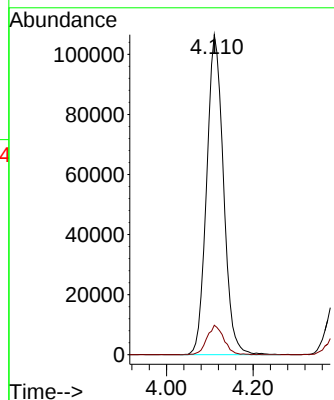
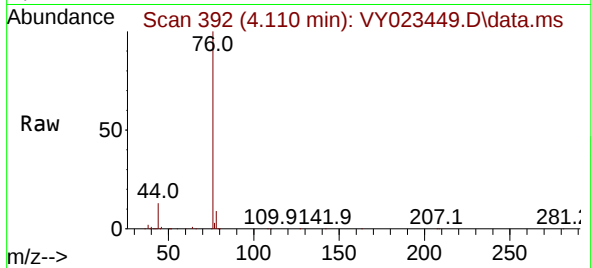




#17
Carbon Disulfide
Concen: 20.723 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

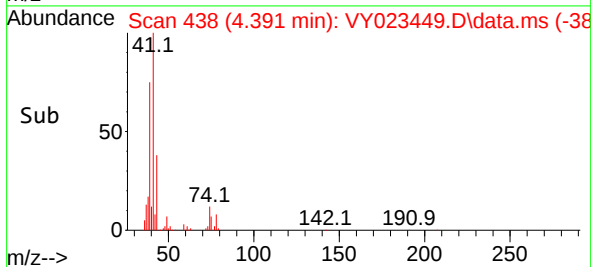
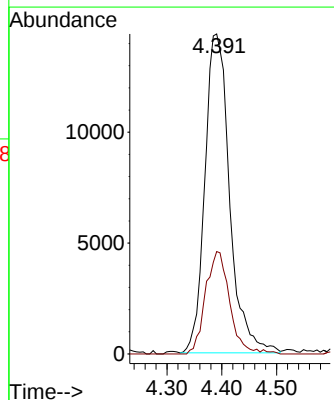
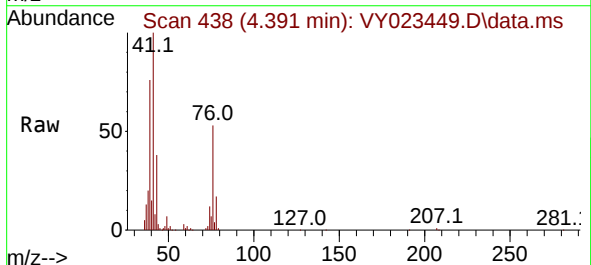
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion: 76 Resp: 287231
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 15.907 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 43 Resp: 45097
Ion Ratio Lower Upper
43 100
74 31.5 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 18.584 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

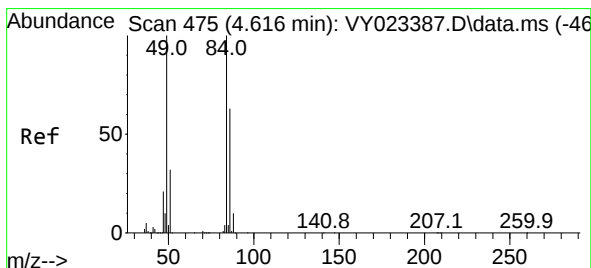
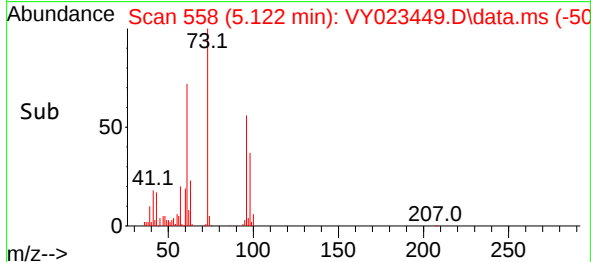
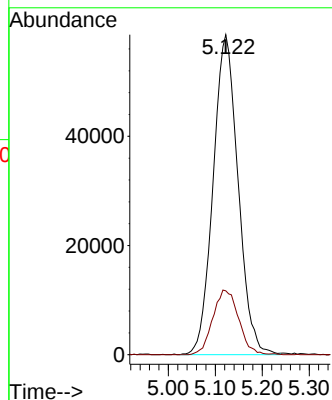
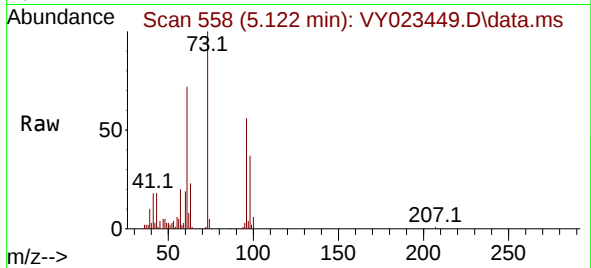
VY1013SBS01

Tgt Ion: 73 Resp: 216299

Ion Ratio Lower Upper

73 100

57 20.0 17.4 26.0



#20

Methylene Chloride

Concen: 19.194 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Tgt Ion: 84 Resp: 112171

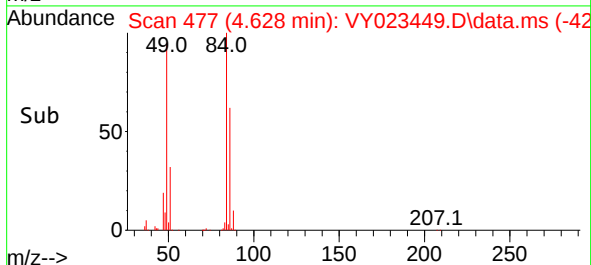
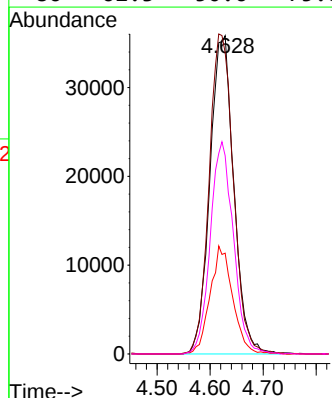
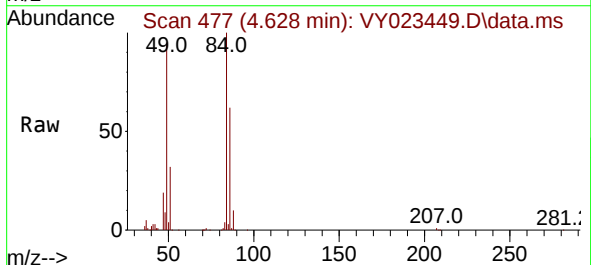
Ion Ratio Lower Upper

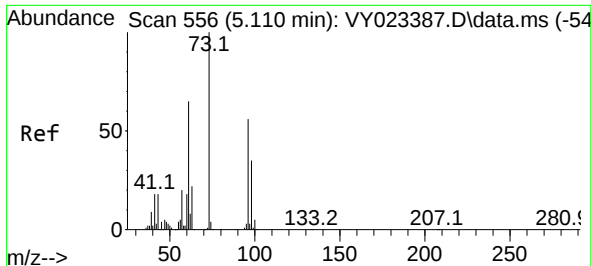
84 100

49 94.7 80.2 120.4

51 31.7 25.9 38.9

86 62.3 50.6 75.8

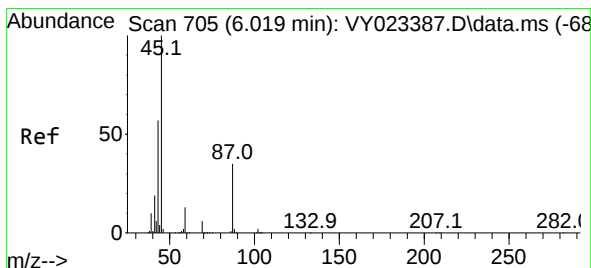
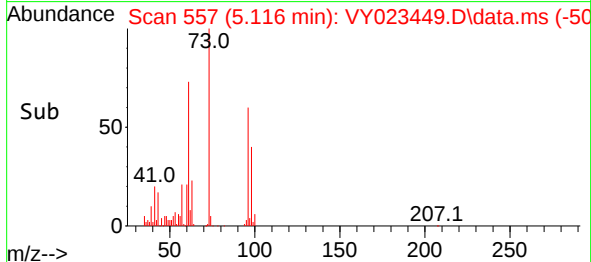
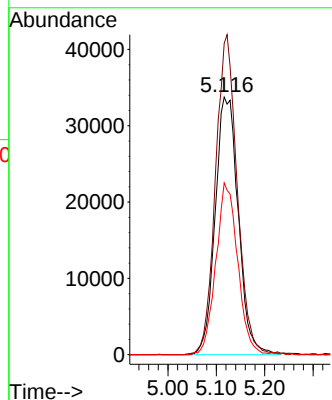
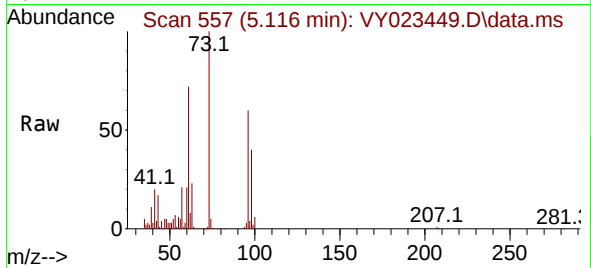




#21
trans-1,2-Dichloroethene
Concen: 20.981 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

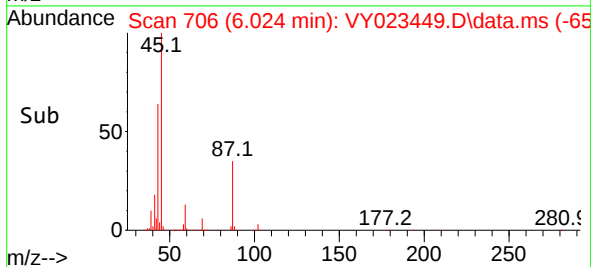
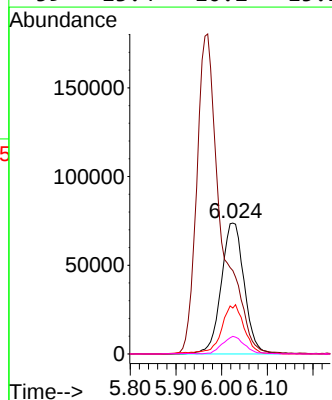
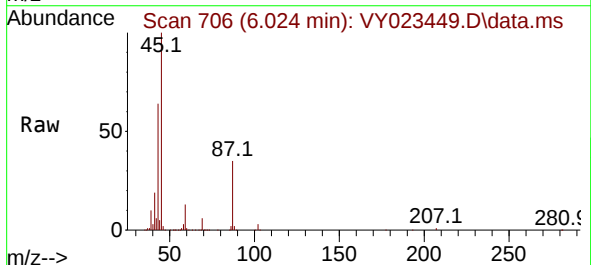
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

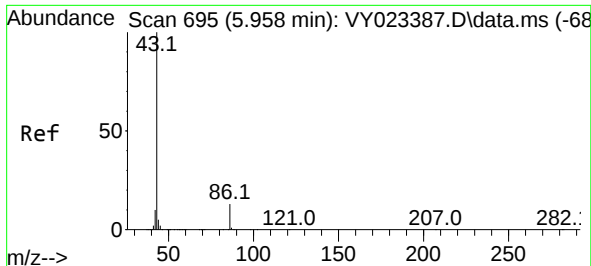
Tgt Ion: 96 Resp: 111866
Ion Ratio Lower Upper
96 100
61 120.9 92.7 139.1
98 66.7 49.7 74.5



#22
Diisopropyl ether
Concen: 19.728 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 45 Resp: 257546
Ion Ratio Lower Upper
45 100
43 62.6 45.6 68.4
87 34.8 28.1 42.1
59 13.4 10.2 15.2

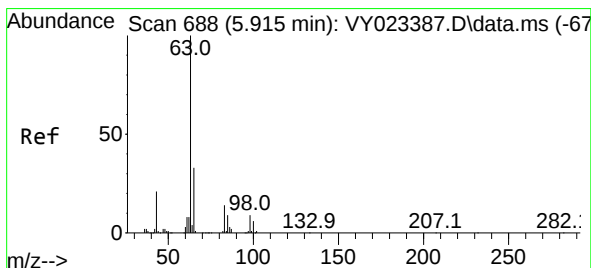
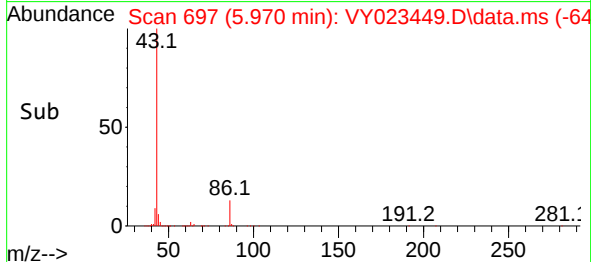
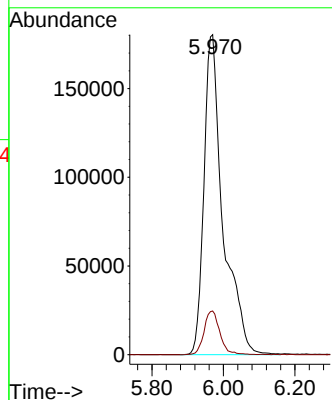
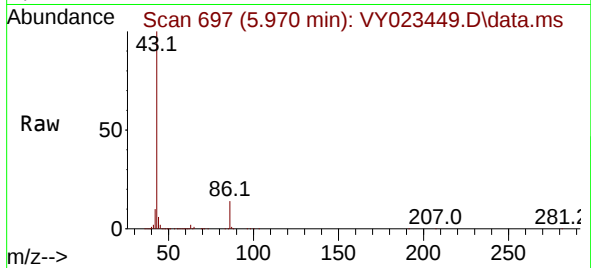




#23
 Vinyl Acetate
 Concen: 94.438 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

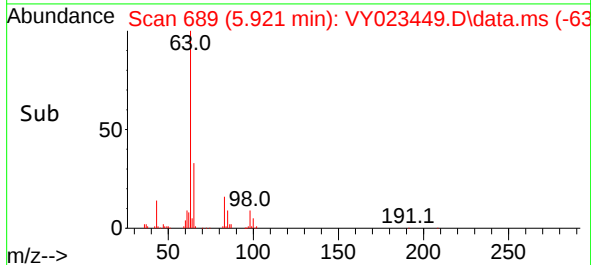
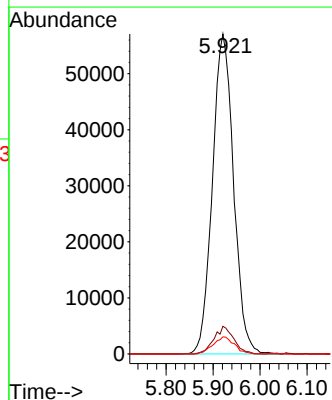
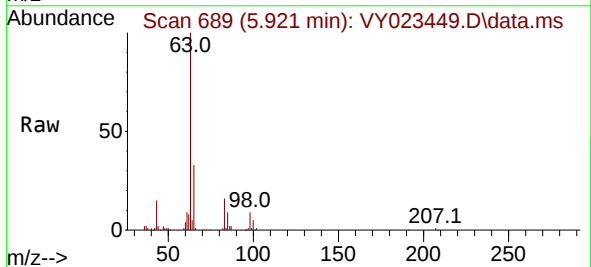
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

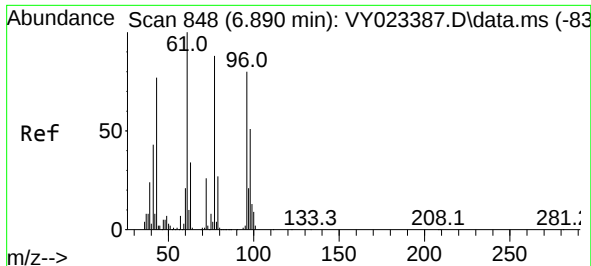
Tgt Ion: 43 Resp: 667328
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.635 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

Tgt Ion: 63 Resp: 178442
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.3 13.1
 100 5.3 2.8 8.4





#25

2-Butanone

Concen: 101.679 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

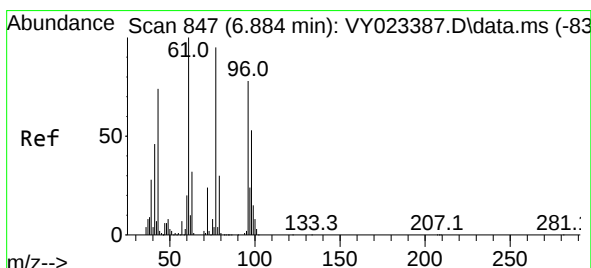
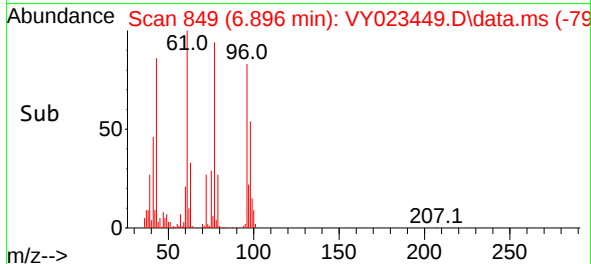
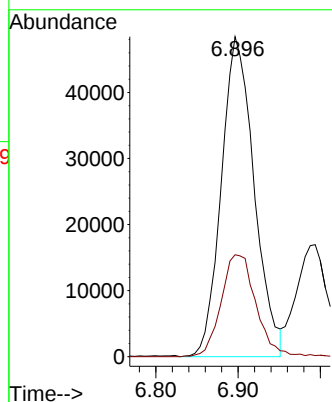
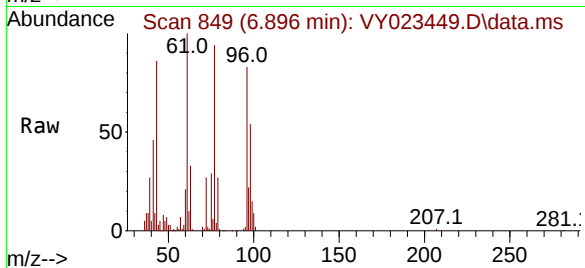
VY1013SBS01

Tgt Ion: 43 Resp: 134160

Ion Ratio Lower Upper

43 100

72 31.9 27.4 41.2



#26

2,2-Dichloropropane

Concen: 21.237 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023449.D

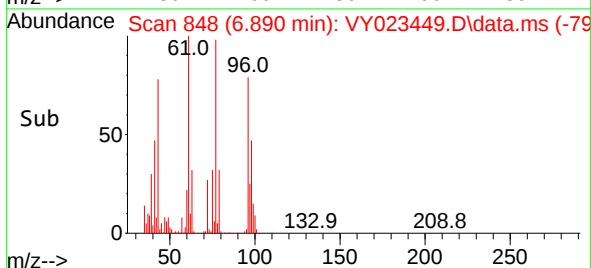
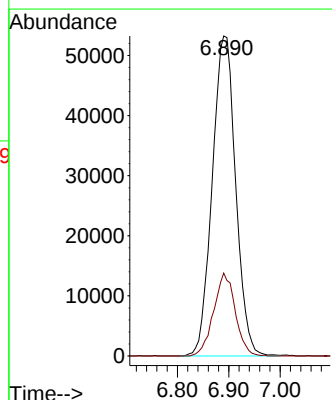
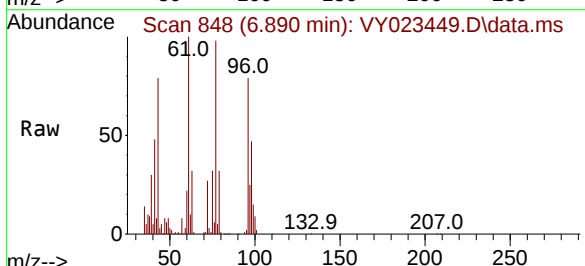
Acq: 13 Oct 2025 09:56

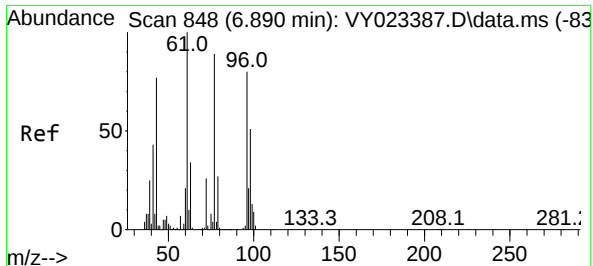
Tgt Ion: 77 Resp: 168518

Ion Ratio Lower Upper

77 100

97 23.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.828 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

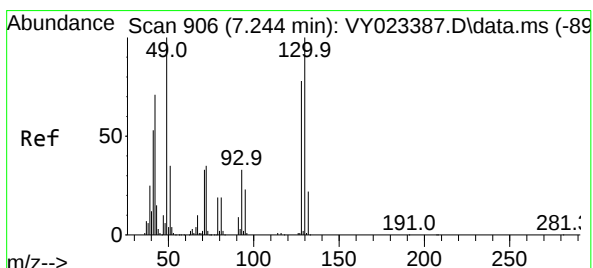
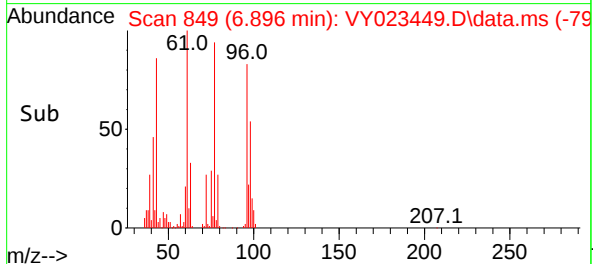
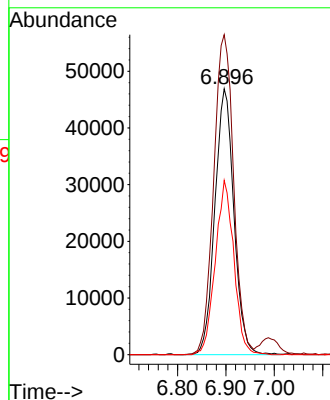
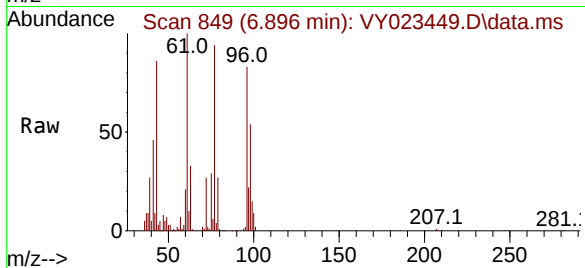
Tgt Ion: 96 Resp: 128271

Ion Ratio Lower Upper

96 100

61 125.9 0.0 258.2

98 63.9 0.0 132.0



#28

Bromochloromethane

Concen: 20.051 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

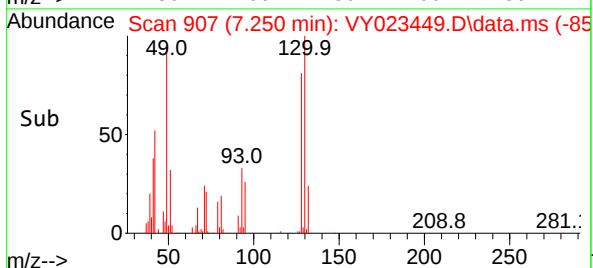
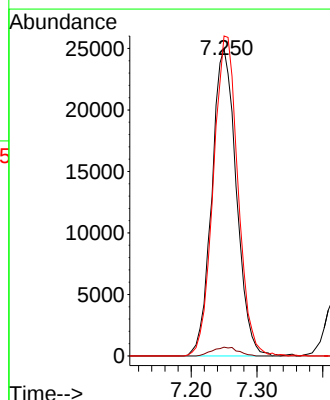
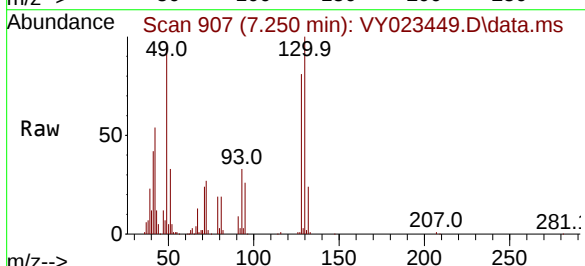
Tgt Ion: 49 Resp: 64731

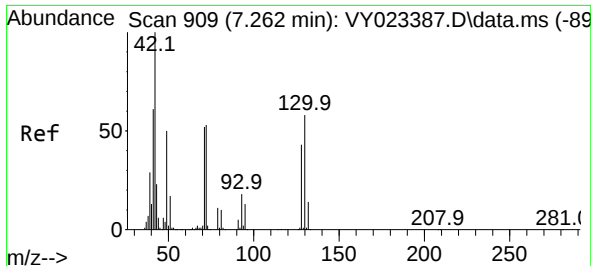
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.6

130 104.4 81.9 122.9





#29

Tetrahydrofuran

Concen: 82.401 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

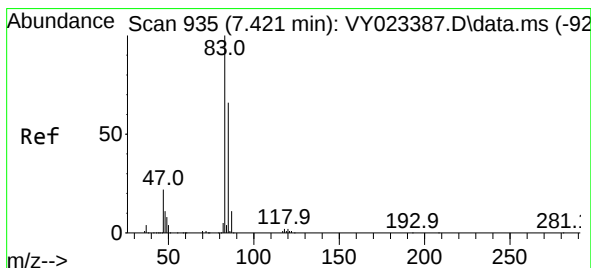
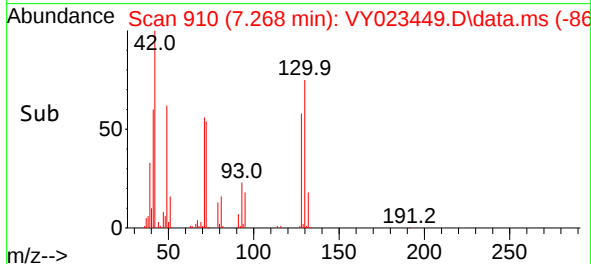
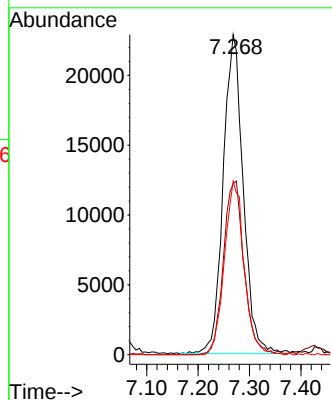
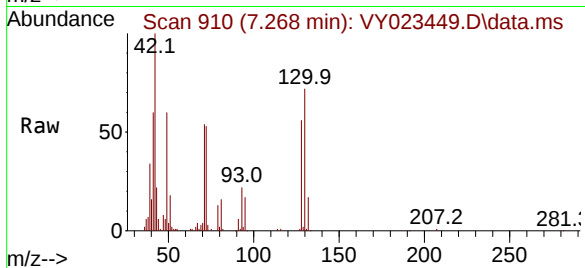
Tgt Ion: 42 Resp: 61654

Ion Ratio Lower Upper

42 100

72 55.8 43.0 64.6

71 53.8 40.1 60.1



#30

Chloroform

Concen: 21.026 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023449.D

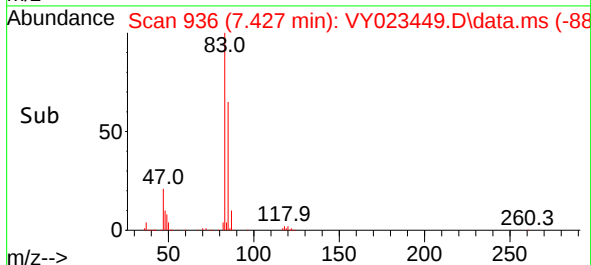
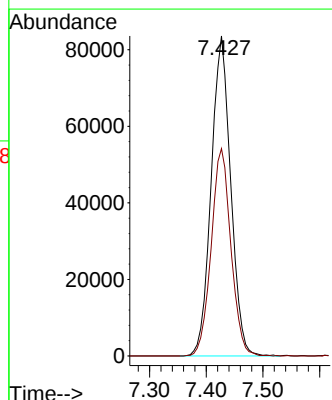
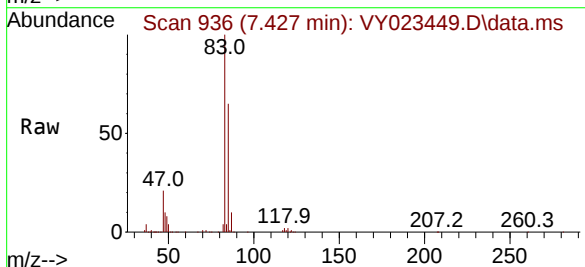
Acq: 13 Oct 2025 09:56

Tgt Ion: 83 Resp: 199767

Ion Ratio Lower Upper

83 100

85 64.8 52.5 78.7

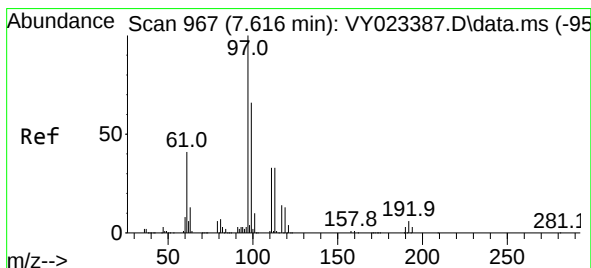
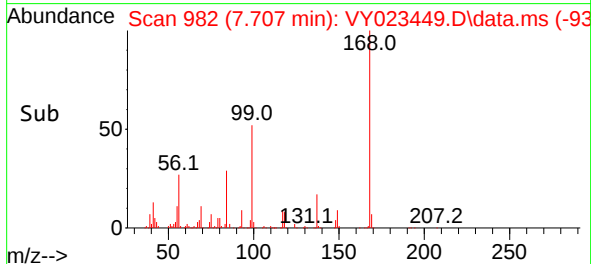
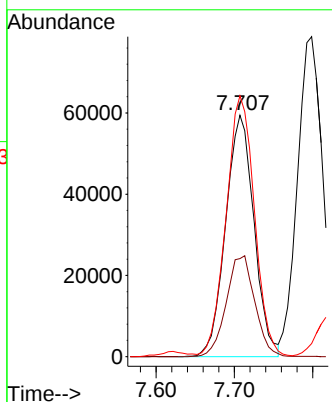
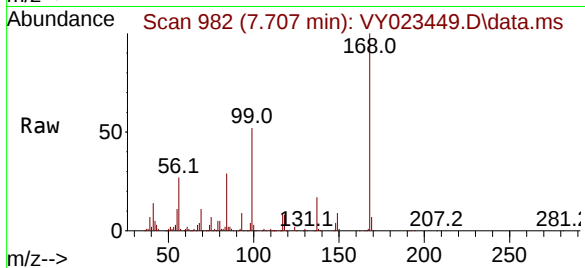




#31
Cyclohexane
Concen: 19.831 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

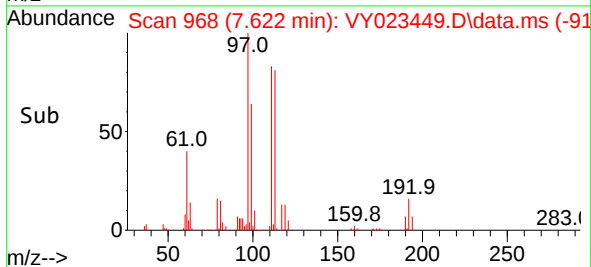
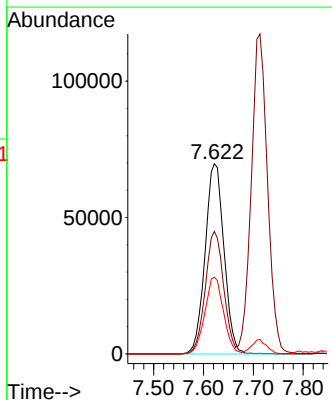
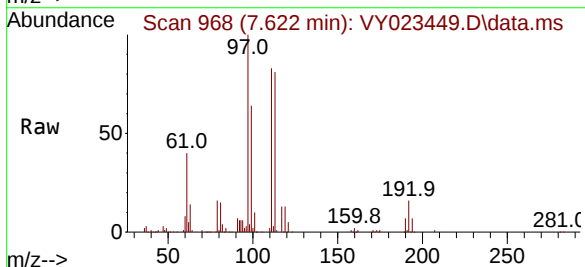
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion: 56 Resp: 149762
Ion Ratio Lower Upper
56 100
69 40.2 30.0 45.0
84 106.4 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 21.232 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 97 Resp: 183325
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.2
61 39.9 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 48.118 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

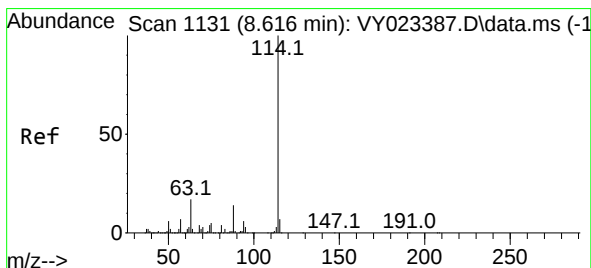
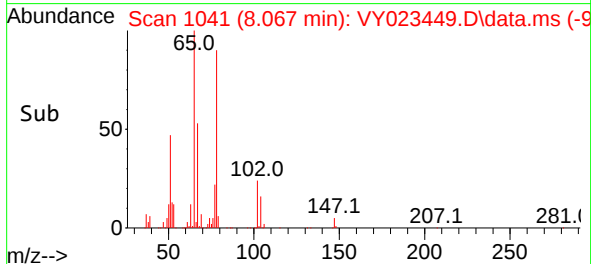
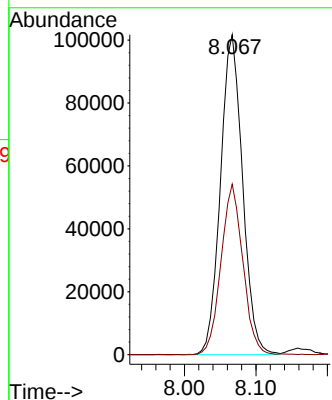
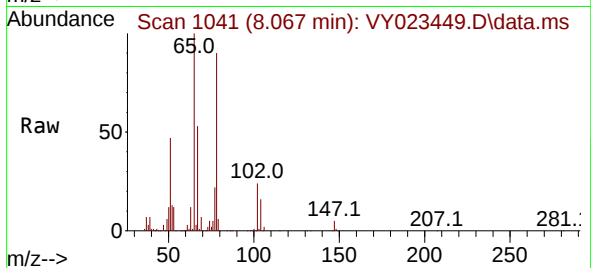
VY1013SBS01

Tgt Ion: 65 Resp: 218442

Ion Ratio Lower Upper

65 100

67 52.7 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: VY023449.D

Acq: 13 Oct 2025 09:56

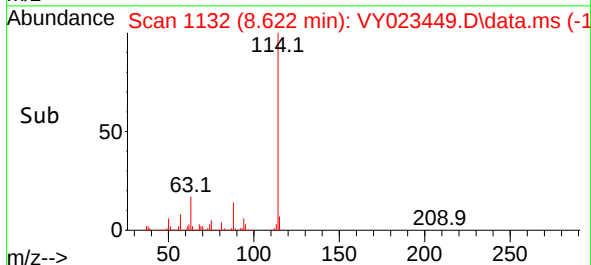
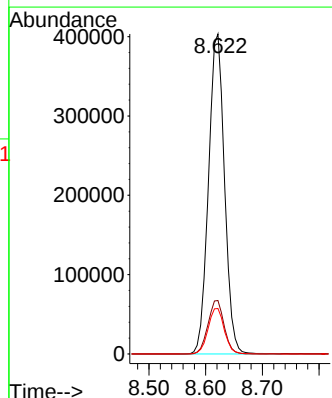
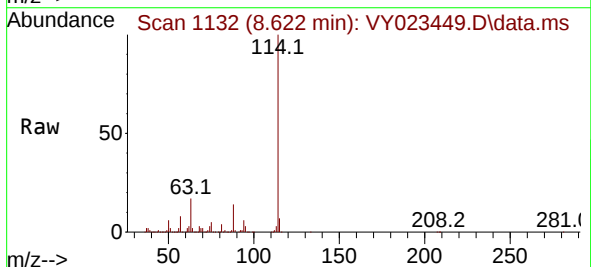
Tgt Ion:114 Resp: 790965

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.2

88 14.2 0.0 28.4

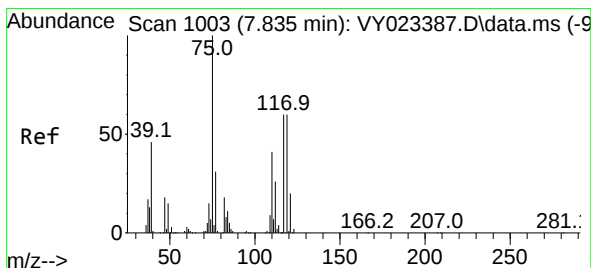
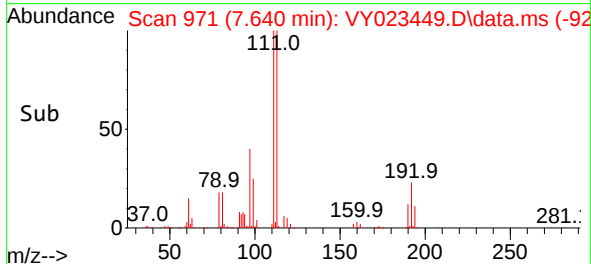
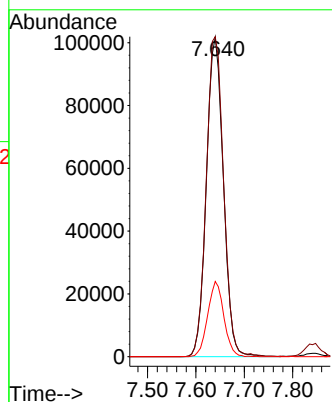
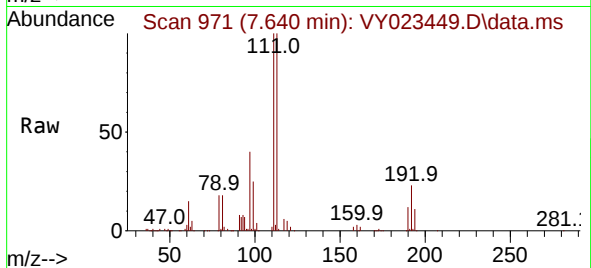




#35
Dibromofluoromethane
Concen: 50.996 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

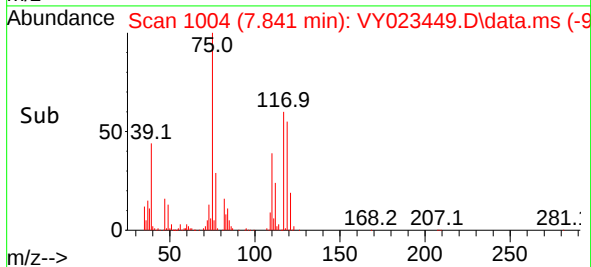
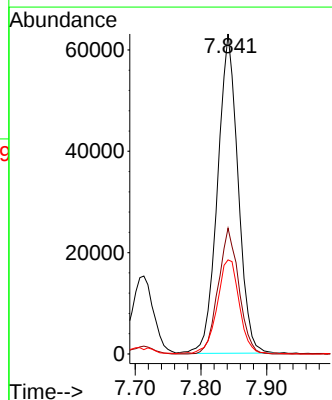
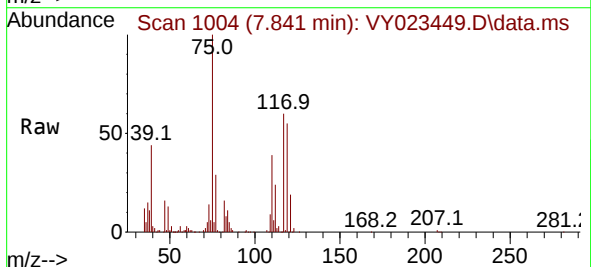
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

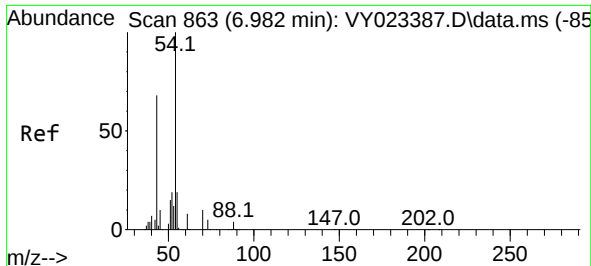
Tgt Ion:113 Resp: 247844
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 22.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 21.292 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 75 Resp: 136996
Ion Ratio Lower Upper
75 100
110 39.5 19.9 59.7
77 32.1 25.0 37.6

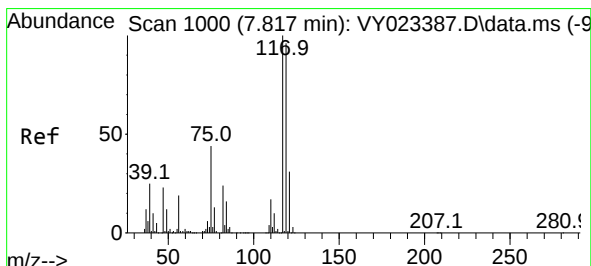
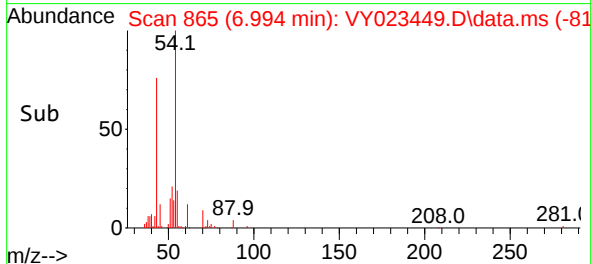
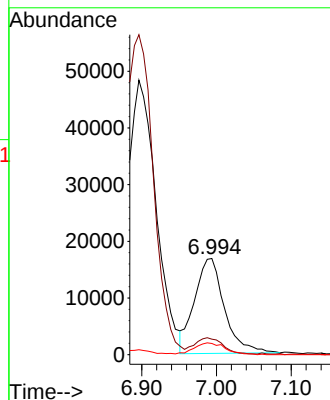
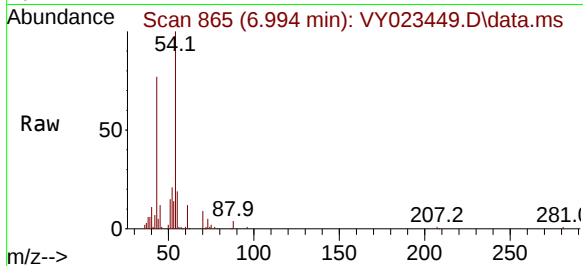




#37
Ethyl Acetate
Concen: 18.305 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

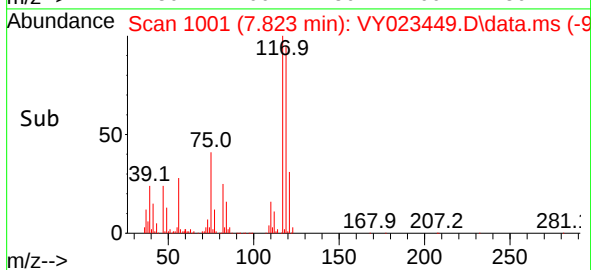
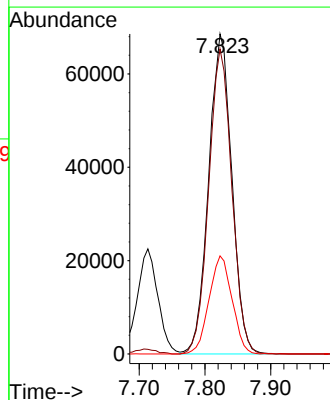
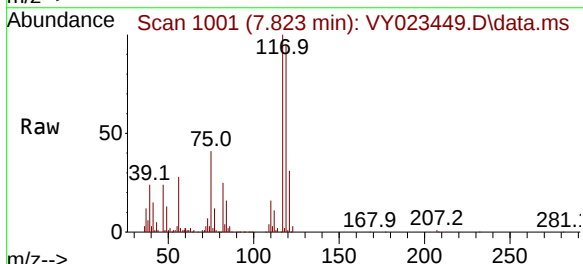
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

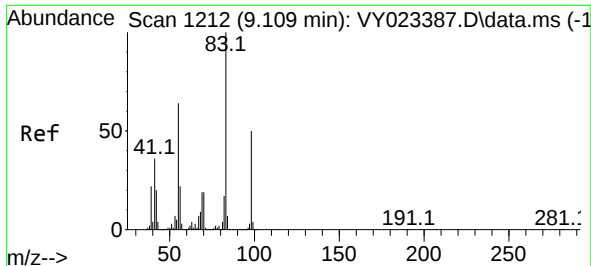
Tgt Ion: 43 Resp: 46661
Ion Ratio Lower Upper
43 100
61 16.1 11.8 17.8
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 21.541 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 117 Resp: 168064
Ion Ratio Lower Upper
117 100
119 95.3 76.8 115.2
121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 20.383 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

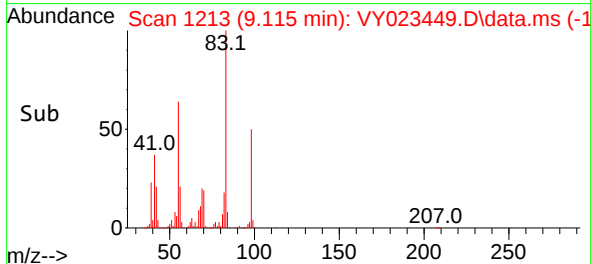
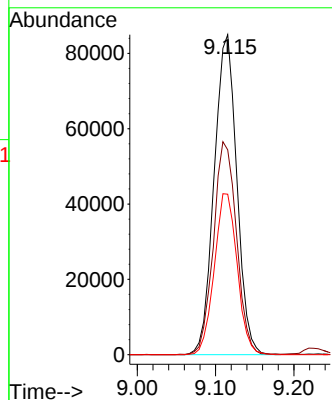
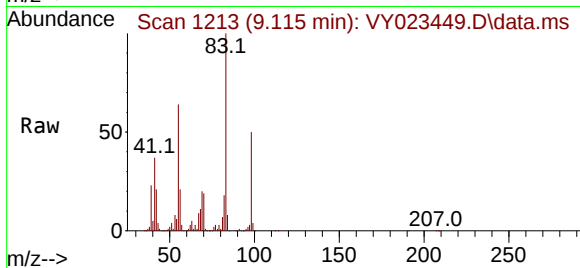
Tgt Ion: 83 Resp: 170756

Ion Ratio Lower Upper

83 100

55 63.8 51.4 77.2

98 50.2 40.4 60.6



#40

Benzene

Concen: 21.205 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023449.D

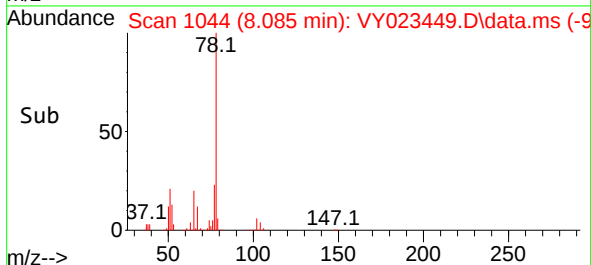
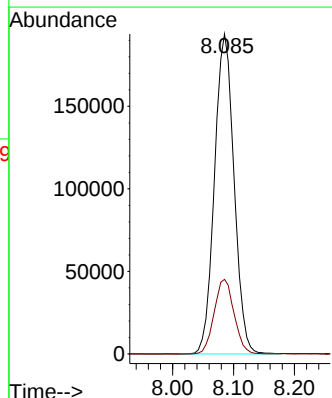
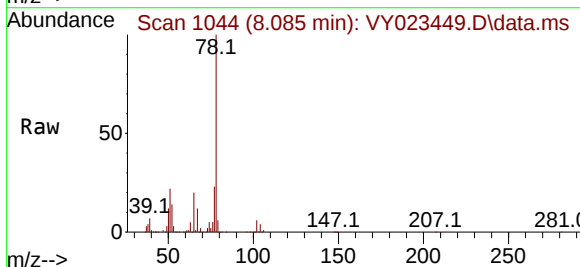
Acq: 13 Oct 2025 09:56

Tgt Ion: 78 Resp: 432095

Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5



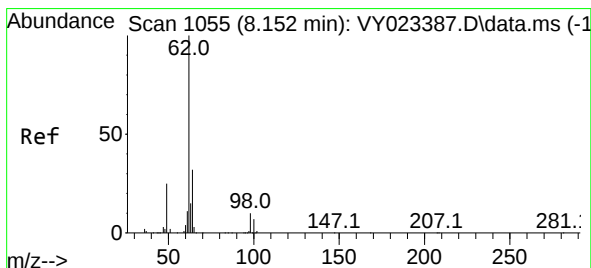
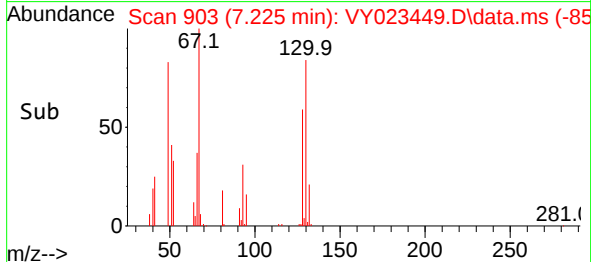
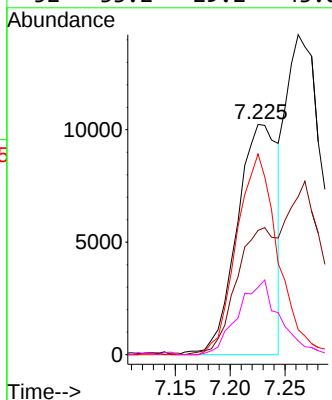
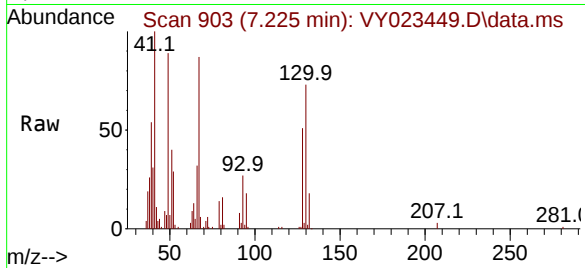


#41
Methacrylonitrile
Concen: 19.096 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion: 41 Resp: 26326

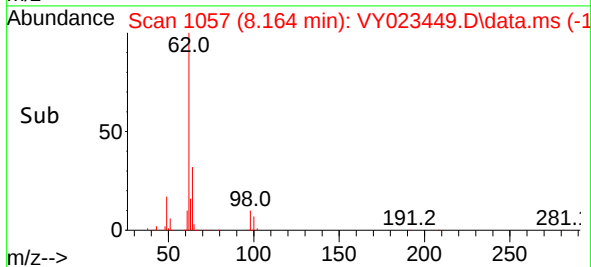
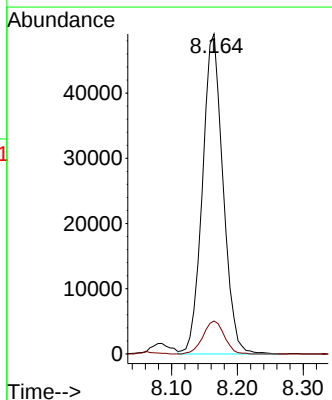
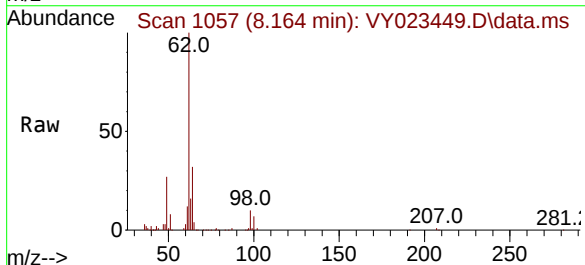
Ion	Ratio	Lower	Upper
41	100		
39	55.9	52.2	78.4
67	89.8	74.9	112.3
52	33.2	29.2	43.8

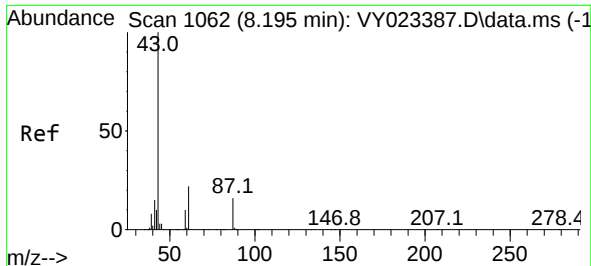


#42
1,2-Dichloroethane
Concen: 20.298 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 62 Resp: 106670

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.6

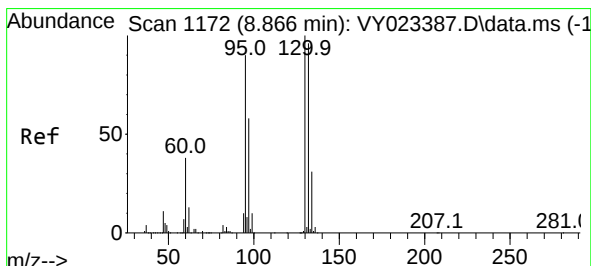
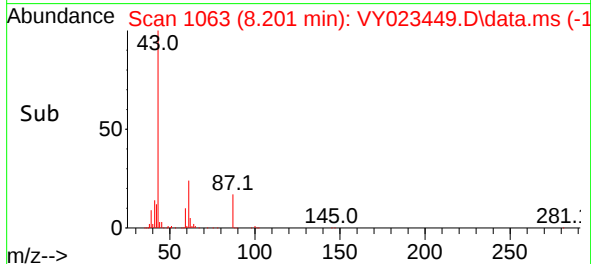
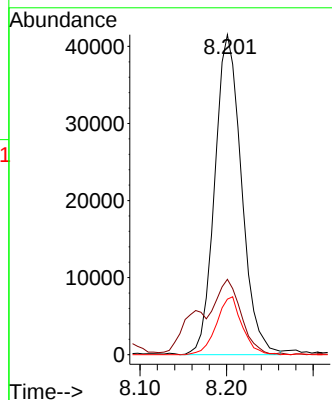
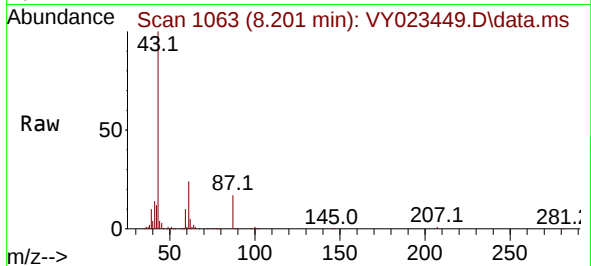




#43
Isopropyl Acetate
Concen: 17.509 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

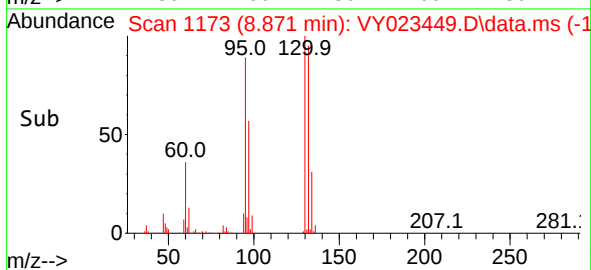
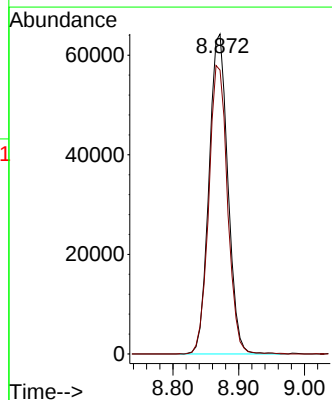
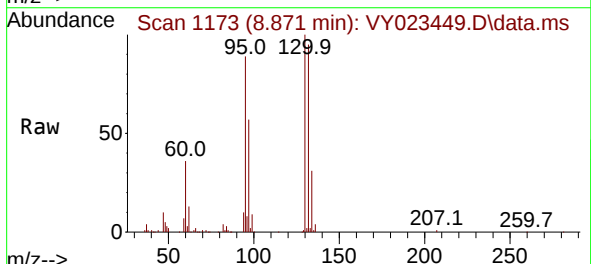
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion: 43 Resp: 88995
Ion Ratio Lower Upper
43 100
61 22.7 18.1 27.1
87 17.4 13.5 20.3



#44
Trichloroethene
Concen: 21.465 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion:130 Resp: 128021
Ion Ratio Lower Upper
130 100
95 88.6 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.177 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

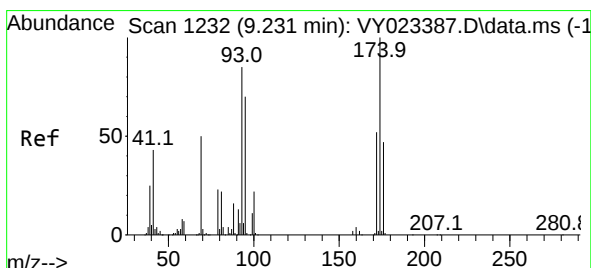
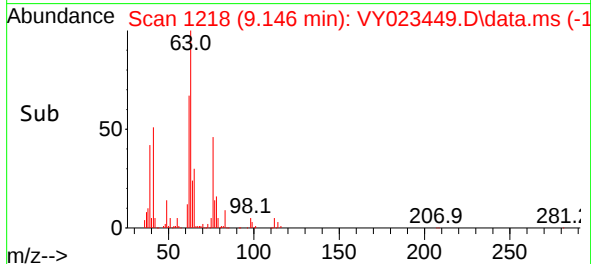
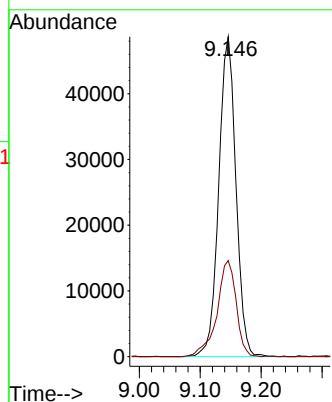
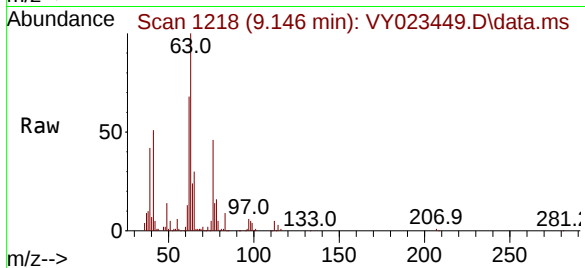
VY1013SBS01

Tgt Ion: 63 Resp: 95313

Ion Ratio Lower Upper

63 100

65 30.1 24.9 37.3



#46

Dibromomethane

Concen: 20.103 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

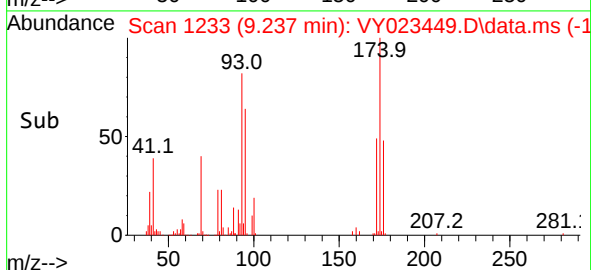
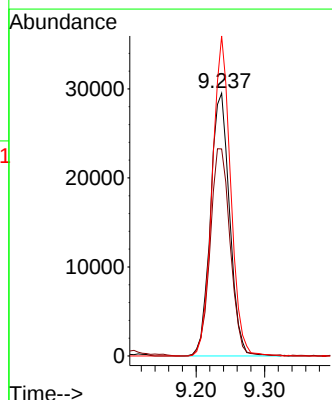
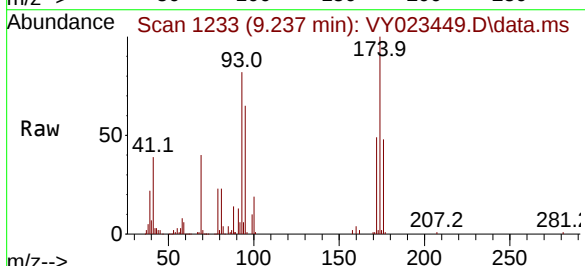
Tgt Ion: 93 Resp: 57212

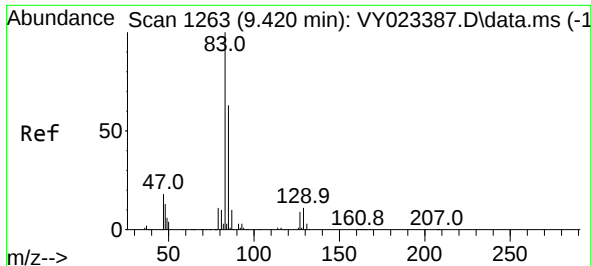
Ion Ratio Lower Upper

93 100

95 82.5 65.4 98.0

174 116.9 92.9 139.3

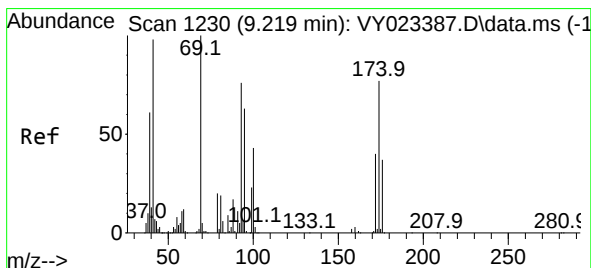
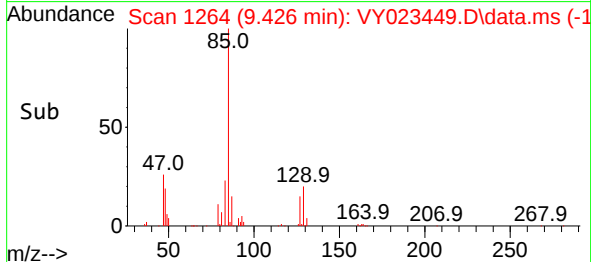
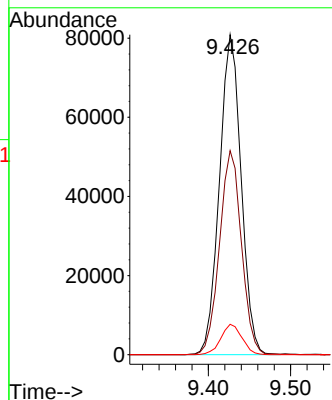
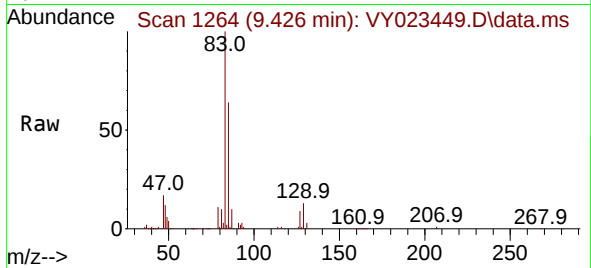




#47
Bromodichloromethane
Concen: 20.701 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

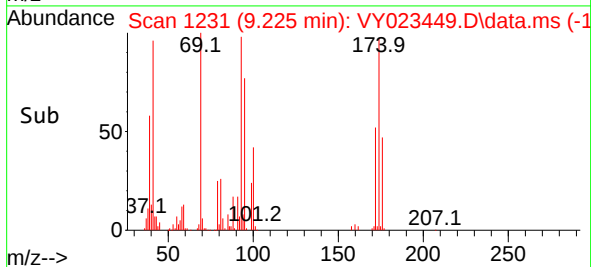
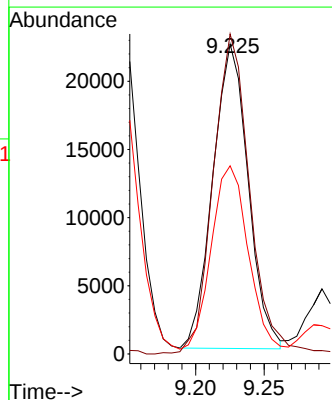
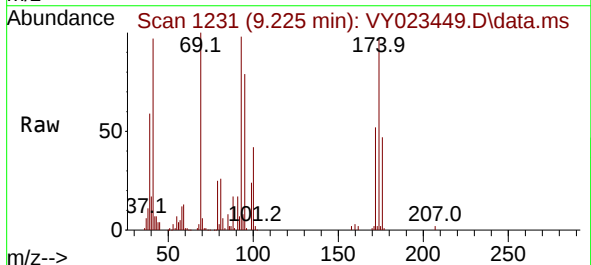
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion: 83 Resp: 148379
Ion Ratio Lower Upper
83 100
85 63.8 50.8 76.2
127 9.5 7.4 11.2



#48
Methyl methacrylate
Concen: 16.743 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 41 Resp: 39980
Ion Ratio Lower Upper
41 100
69 109.5 81.0 121.4
39 62.9 48.2 72.4

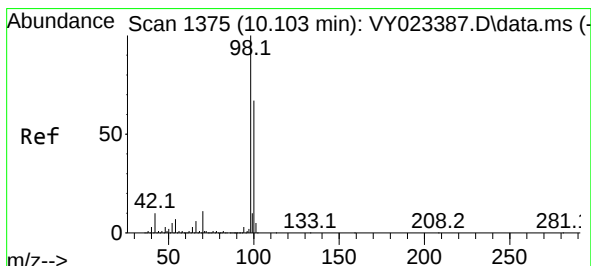
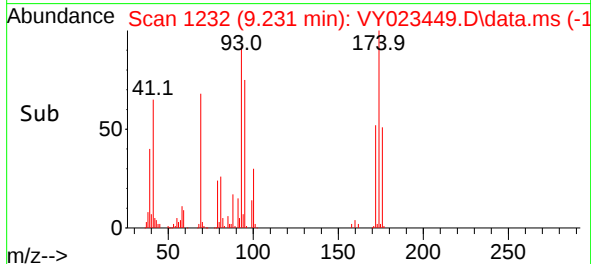
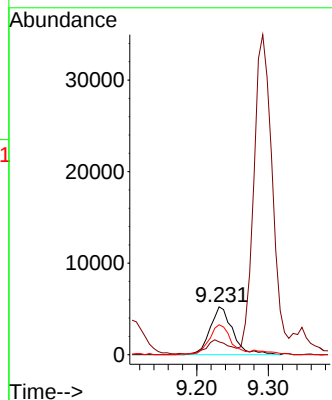
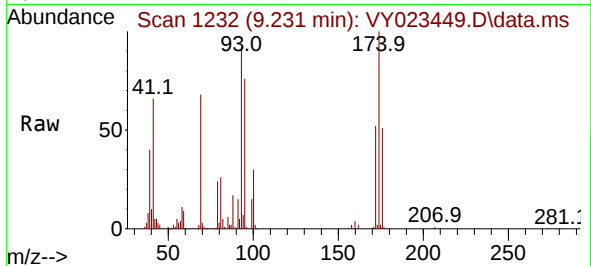




#49
1,4-Dioxane
Concen: 346.670 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

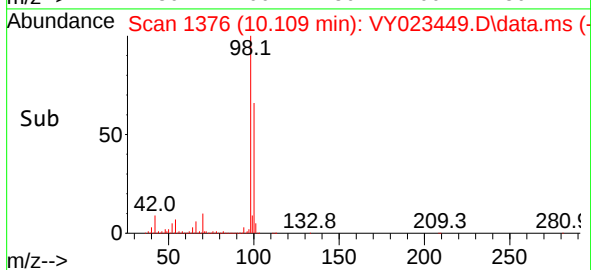
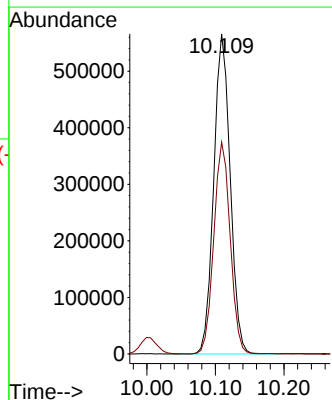
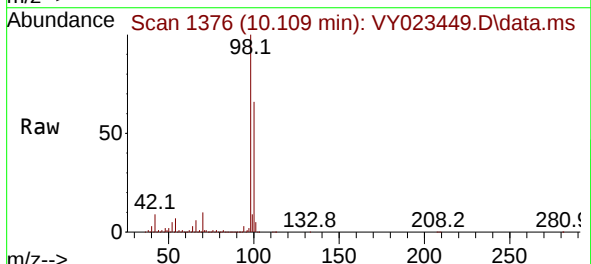
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

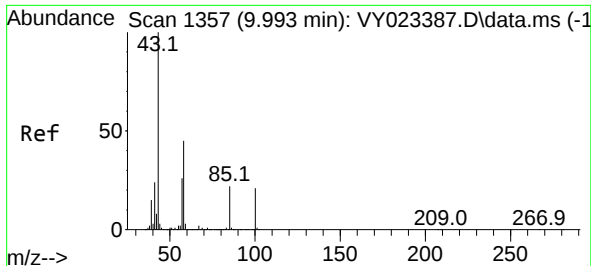
Tgt Ion: 88 Resp: 11439
Ion Ratio Lower Upper
88 100
43 28.5 21.8 32.8
58 60.0 46.8 70.2



#50
Toluene-d8
Concen: 52.018 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 98 Resp: 941495
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 87.211 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

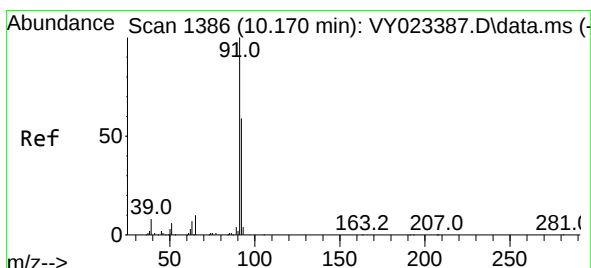
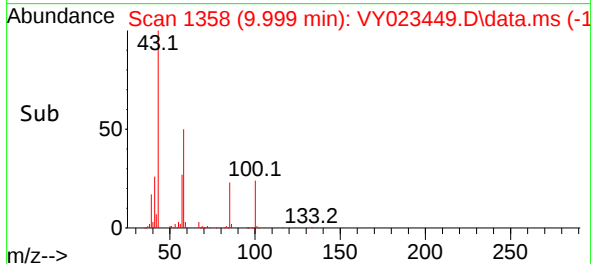
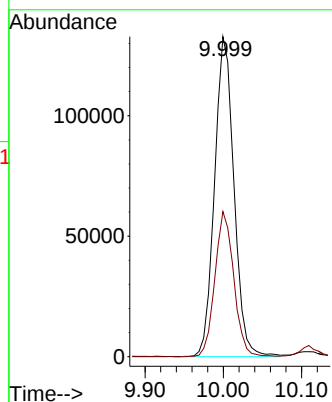
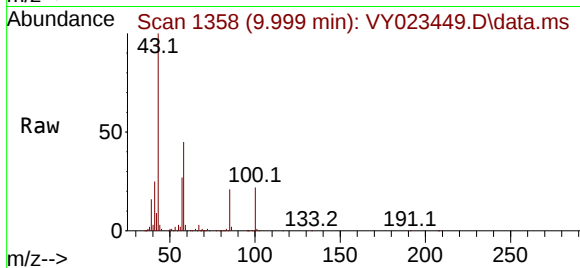
VY1013SBS01

Tgt Ion: 43 Resp: 229032

Ion Ratio Lower Upper

43 100

58 44.2 35.3 52.9



#52

Toluene

Concen: 21.426 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY023449.D

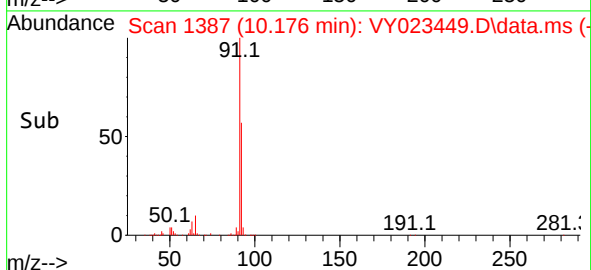
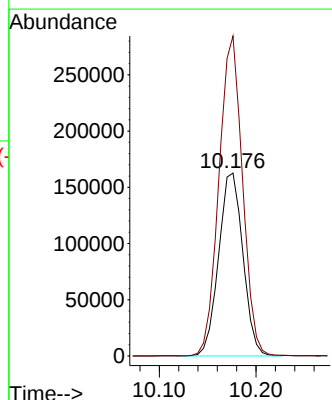
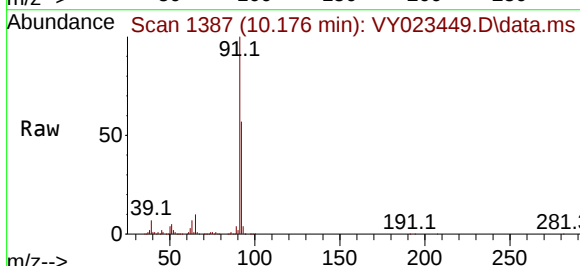
Acq: 13 Oct 2025 09:56

Tgt Ion: 92 Resp: 283478

Ion Ratio Lower Upper

92 100

91 169.7 136.4 204.6

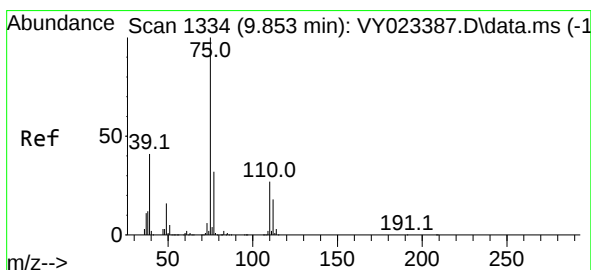
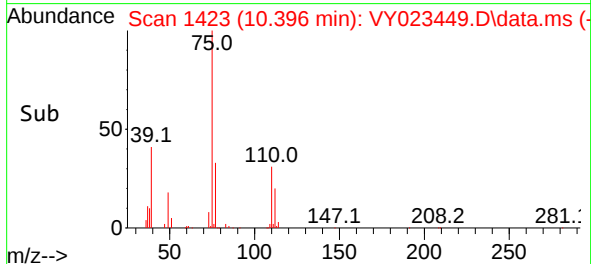
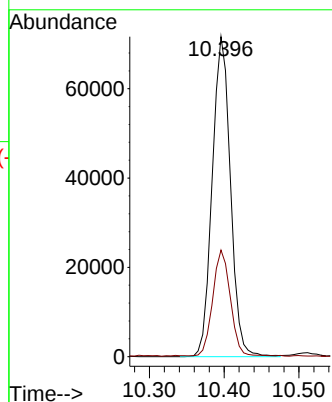
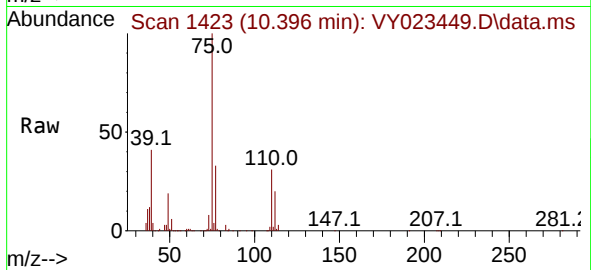




#53
 t-1,3-Dichloropropene
 Concen: 19.479 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

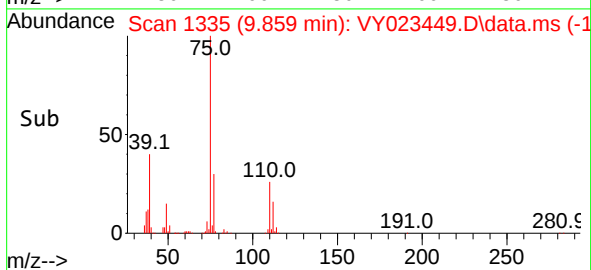
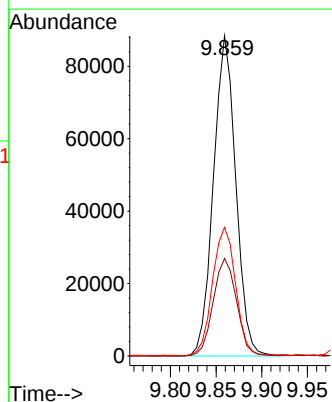
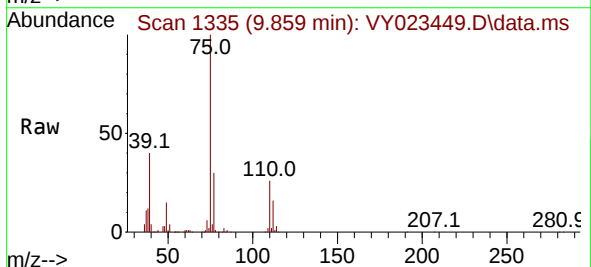
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

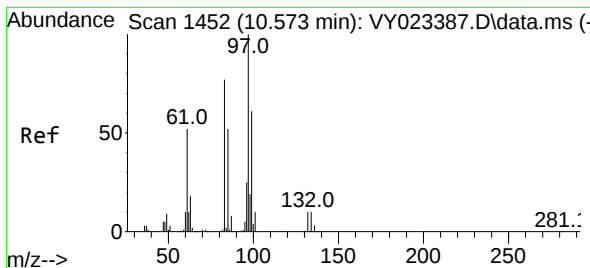
Tgt Ion: 75 Resp: 121399
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.410 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

Tgt Ion: 75 Resp: 150129
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0
 39 40.1 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 19.930 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

Tgt Ion: 97 Resp: 76273

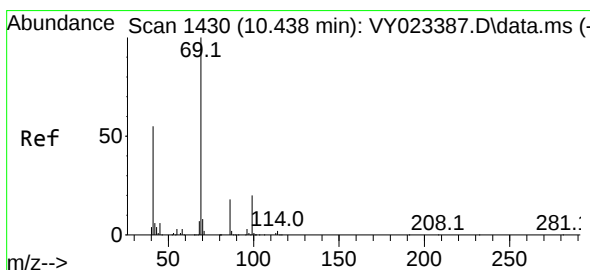
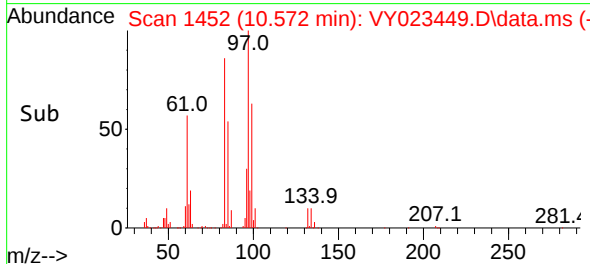
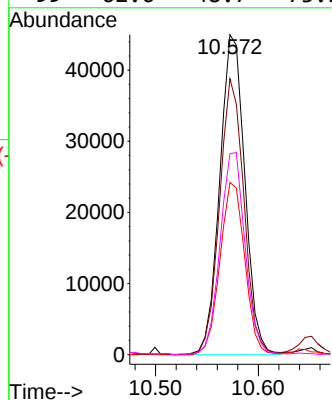
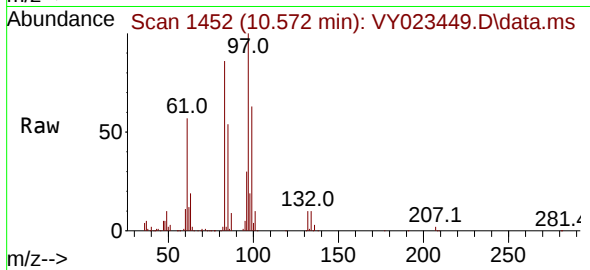
Ion Ratio Lower Upper

97 100

83 86.1 61.8 92.6

85 53.8 41.3 61.9

99 62.6 48.7 73.1



#56

Ethyl methacrylate

Concen: 17.732 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

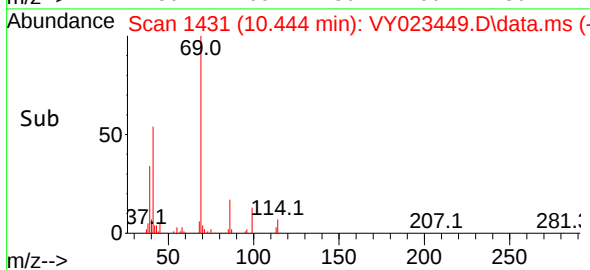
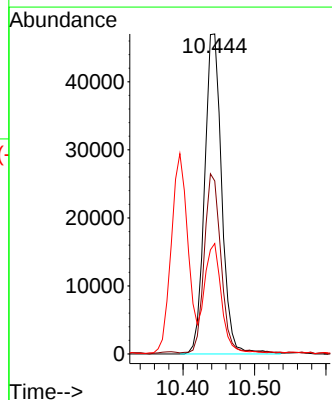
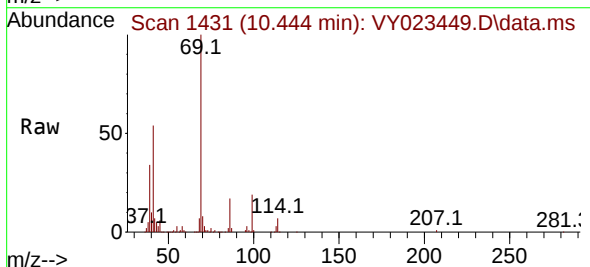
Tgt Ion: 69 Resp: 78279

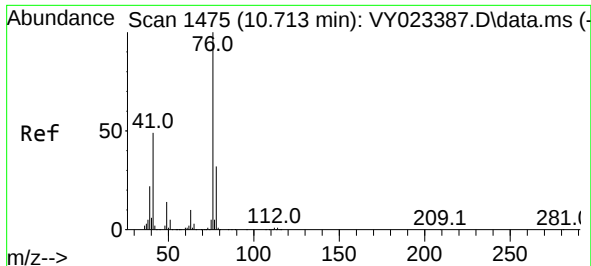
Ion Ratio Lower Upper

69 100

41 54.6 44.6 67.0

39 33.6 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.948 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

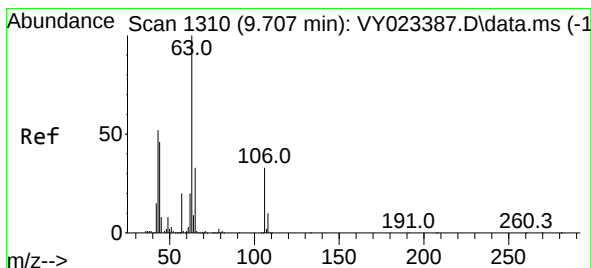
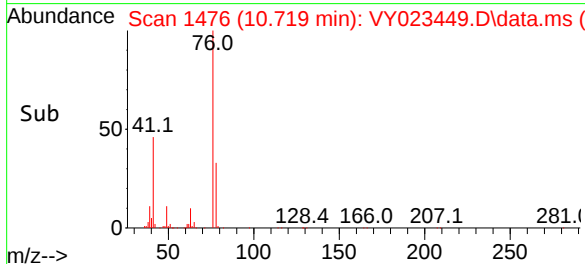
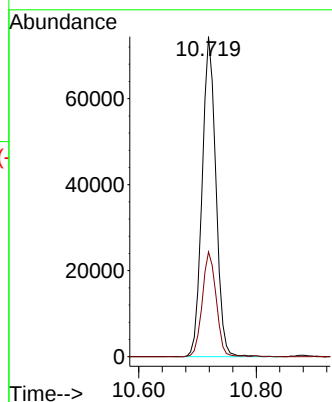
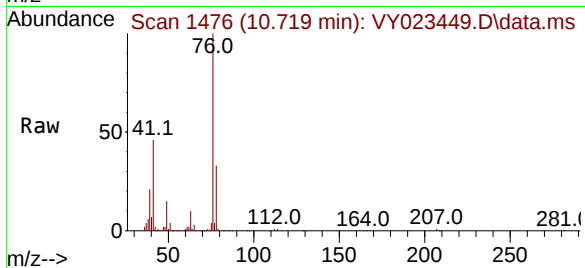
VY1013SBS01

Tgt Ion: 76 Resp: 120976

Ion Ratio Lower Upper

76 100

78 33.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.689 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023449.D

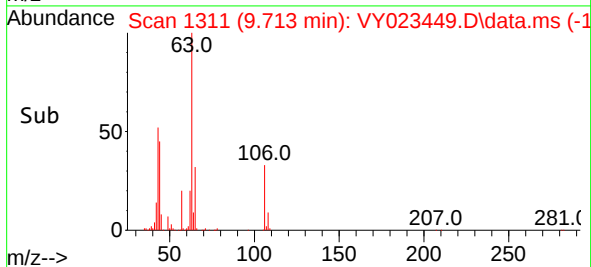
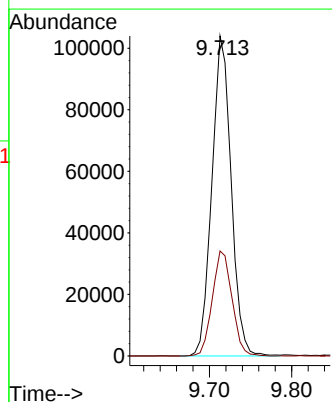
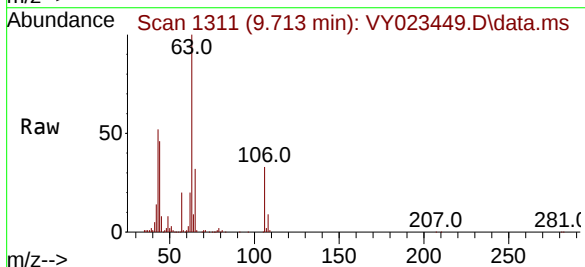
Acq: 13 Oct 2025 09:56

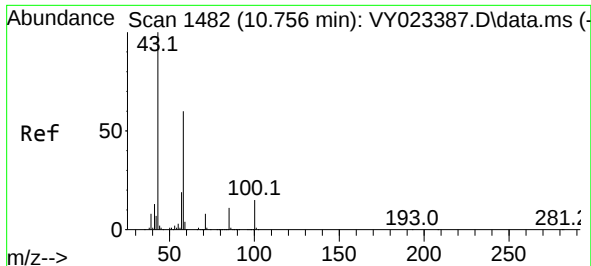
Tgt Ion: 63 Resp: 169462

Ion Ratio Lower Upper

63 100

106 33.4 26.6 39.8

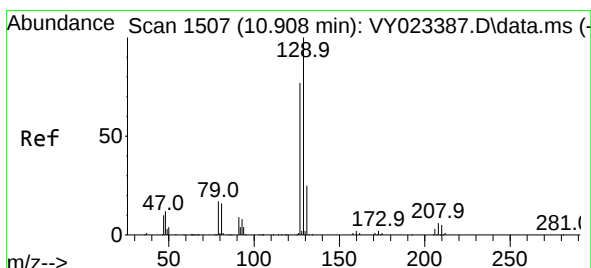
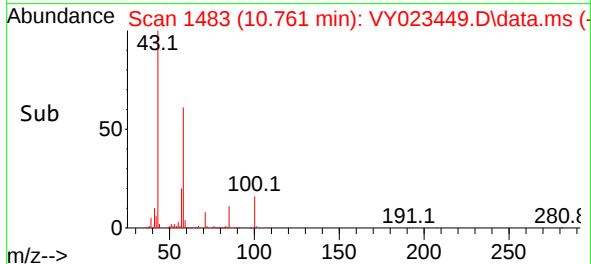
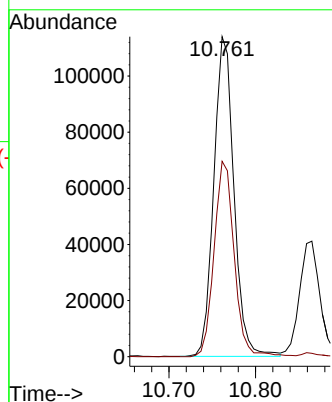
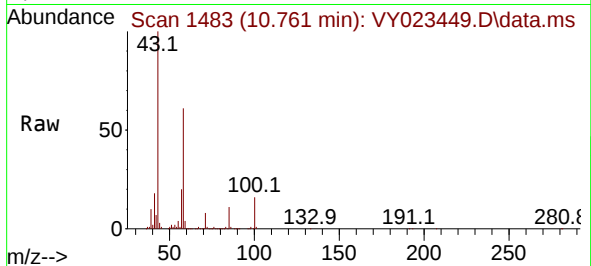




#59
2-Hexanone
Concen: 98.004 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

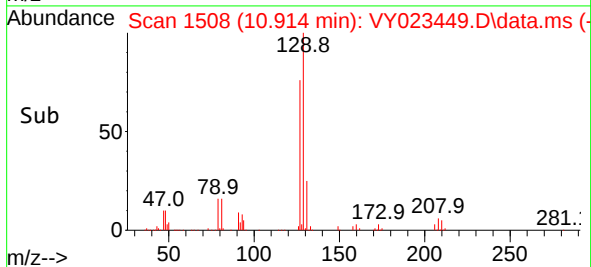
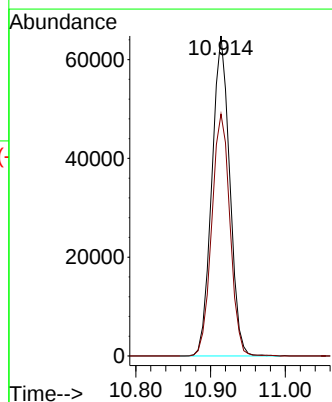
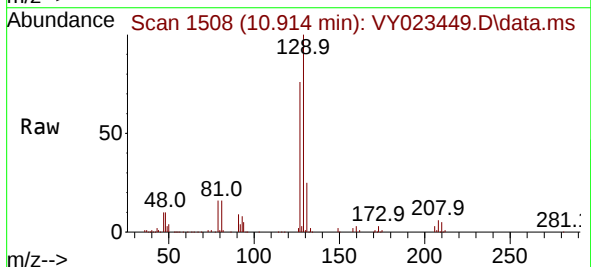
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

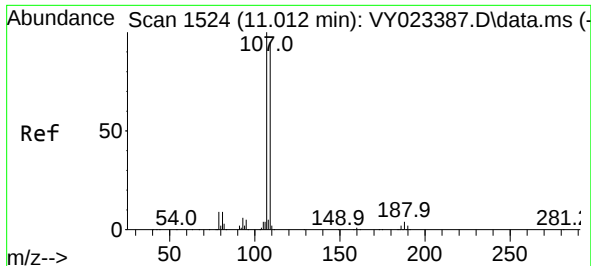
Tgt Ion: 43 Resp: 183931
Ion Ratio Lower Upper
43 100
58 61.2 30.5 91.5



#60
Dibromochloromethane
Concen: 20.045 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 129 Resp: 107555
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

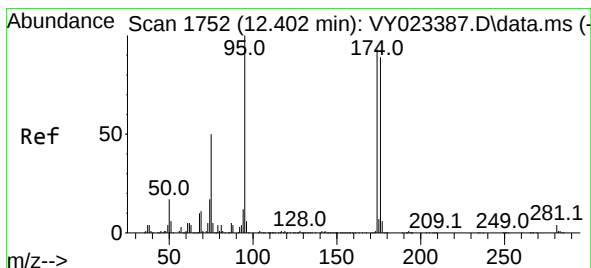
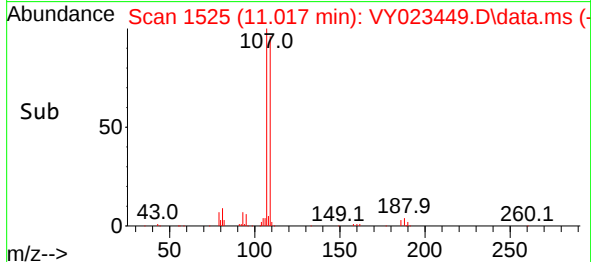
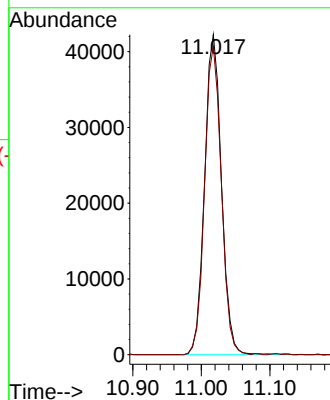
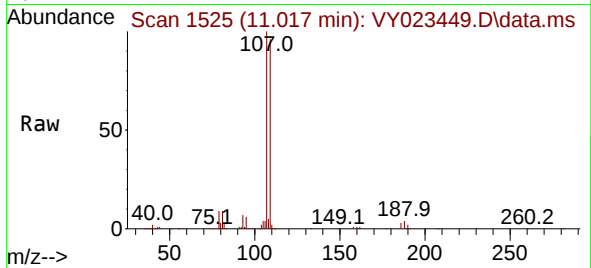




#61
1,2-Dibromoethane
Concen: 19.792 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

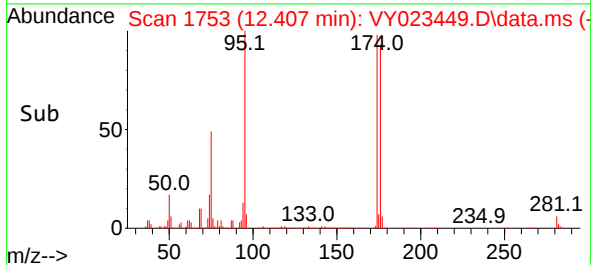
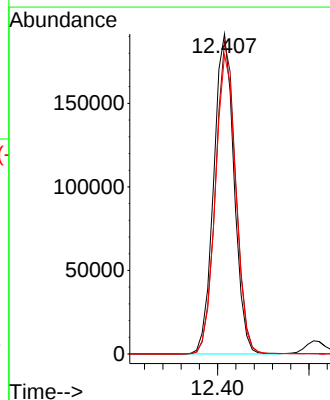
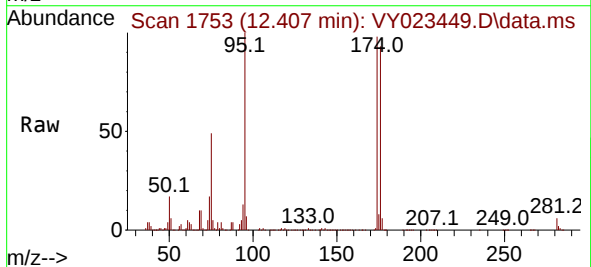
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

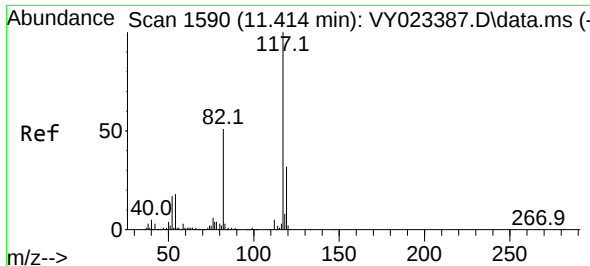
Tgt Ion:107 Resp: 72237
Ion Ratio Lower Upper
107 100
109 95.6 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.534 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 95 Resp: 295994
Ion Ratio Lower Upper
95 100
174 97.5 0.0 192.8
176 94.1 0.0 187.6

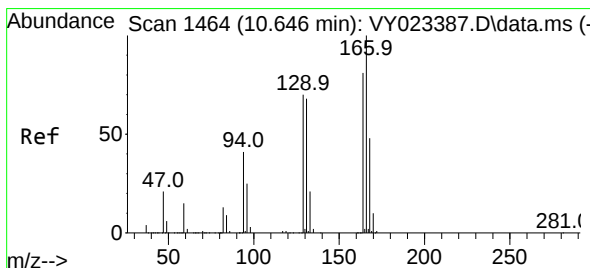
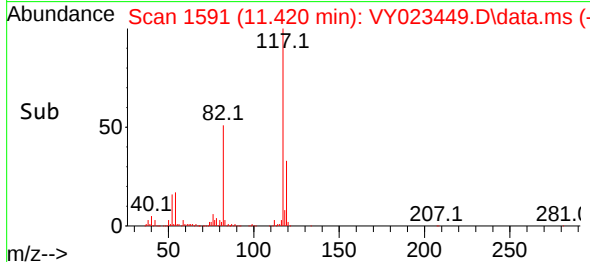
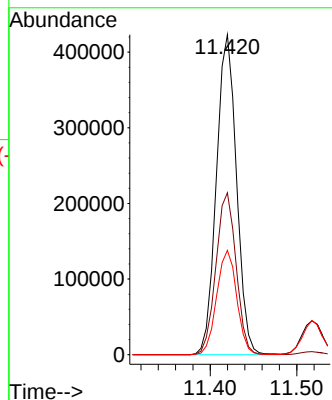
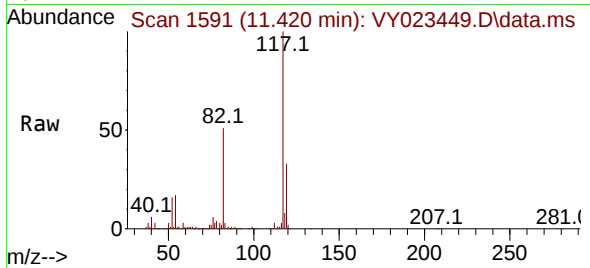




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

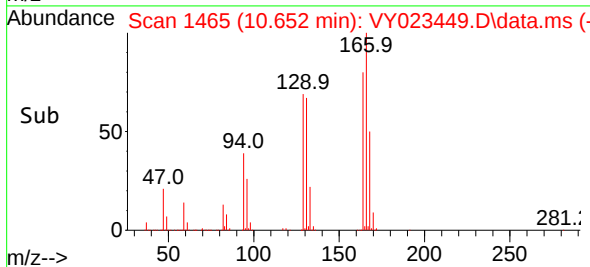
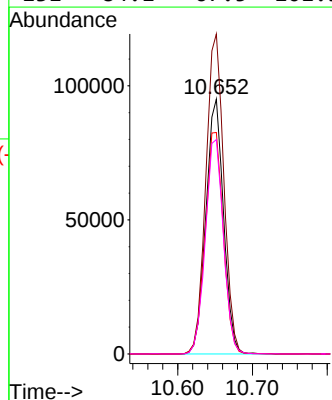
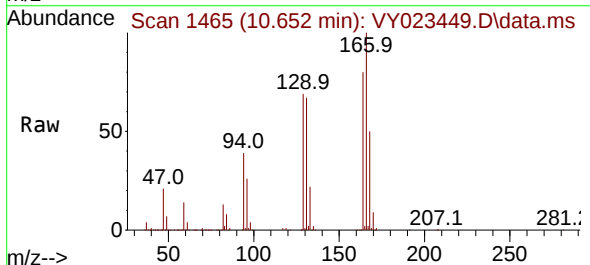
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

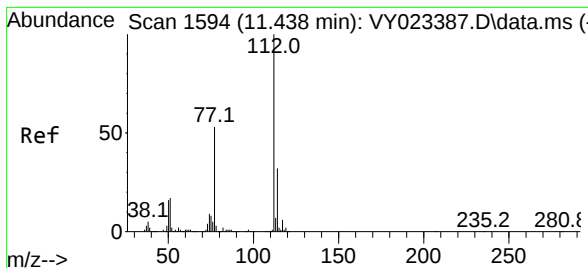
Tgt Ion:117 Resp: 682862
Ion Ratio Lower Upper
117 100
82 50.6 41.0 61.4
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 22.170 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion:164 Resp: 156316
Ion Ratio Lower Upper
164 100
166 125.6 99.4 149.0
129 86.9 69.4 104.2
131 84.1 67.5 101.3





#65

Chlorobenzene

Concen: 21.375 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

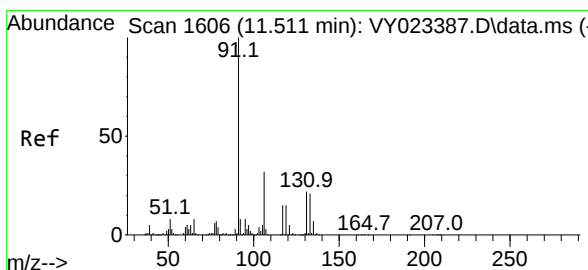
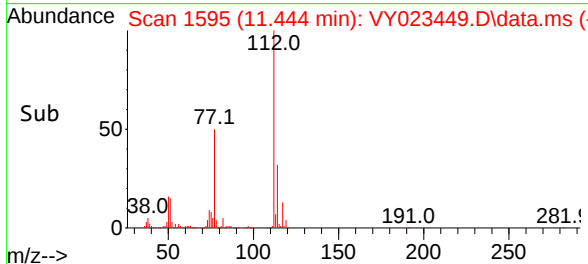
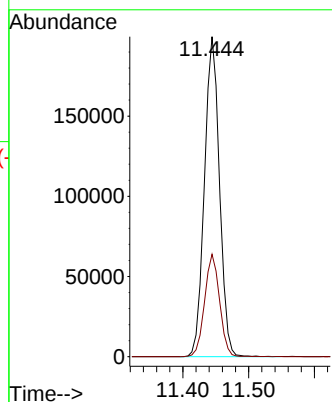
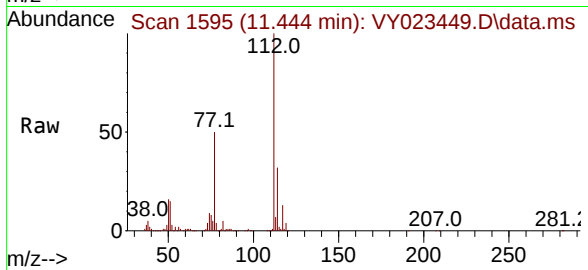
VY1013SBS01

Tgt Ion:112 Resp: 317467

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.963 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

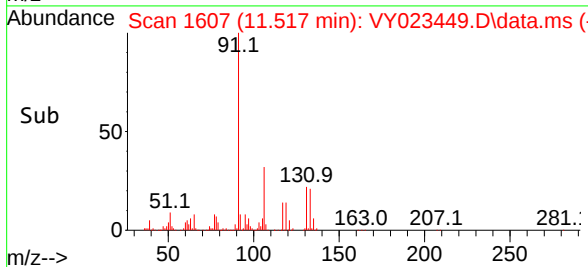
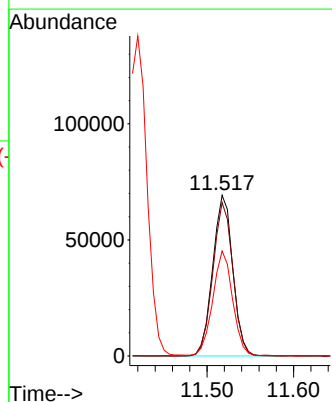
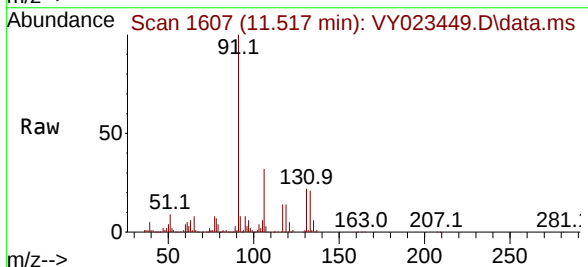
Tgt Ion:131 Resp: 110950

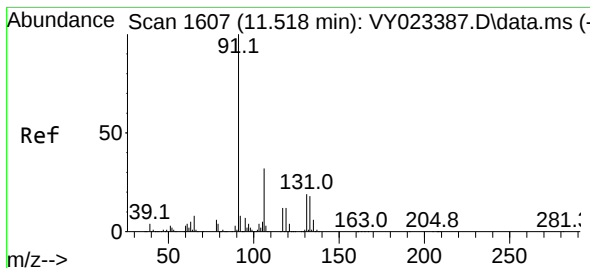
Ion Ratio Lower Upper

131 100

133 96.3 48.4 145.2

119 64.7 32.4 97.2





#67

Ethyl Benzene

Concen: 21.077 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

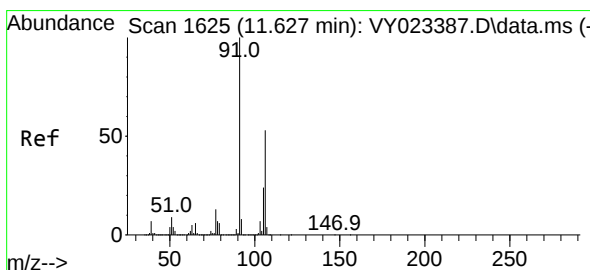
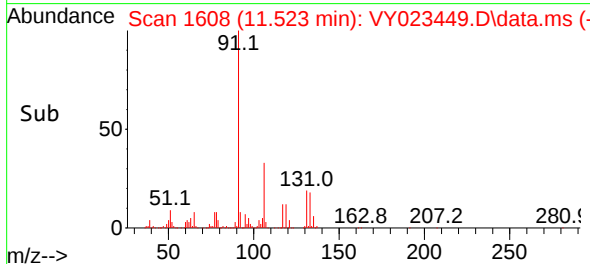
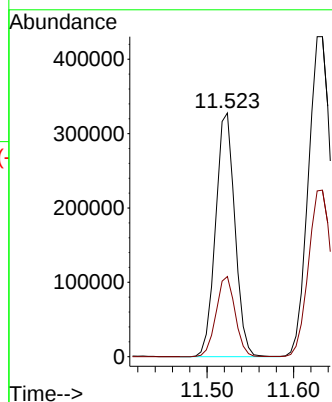
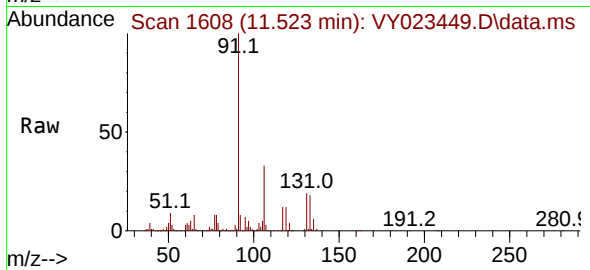
VY1013SBS01

Tgt Ion: 91 Resp: 506699

Ion Ratio Lower Upper

91 100

106 32.9 25.8 38.8



#68

m/p-Xylenes

Concen: 42.945 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023449.D

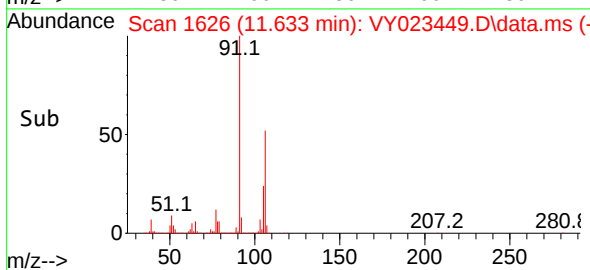
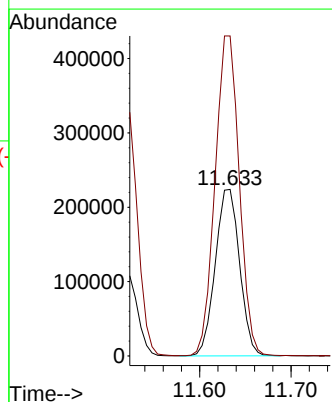
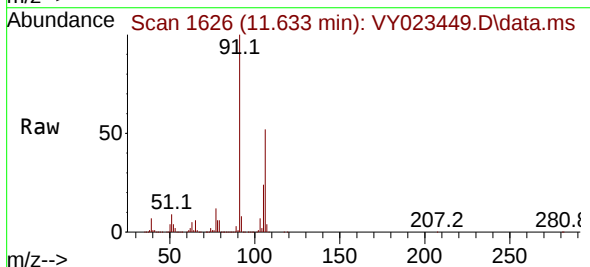
Acq: 13 Oct 2025 09:56

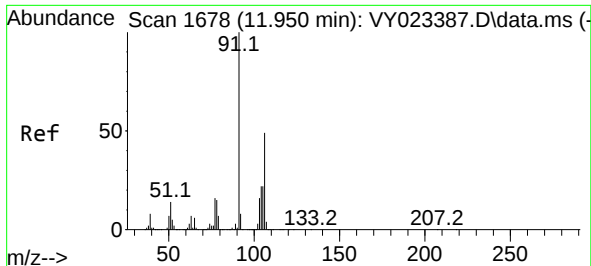
Tgt Ion:106 Resp: 414107

Ion Ratio Lower Upper

106 100

91 191.3 152.6 229.0

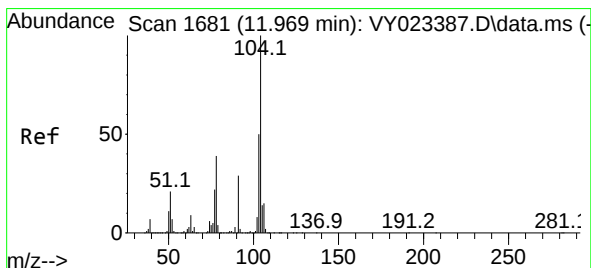
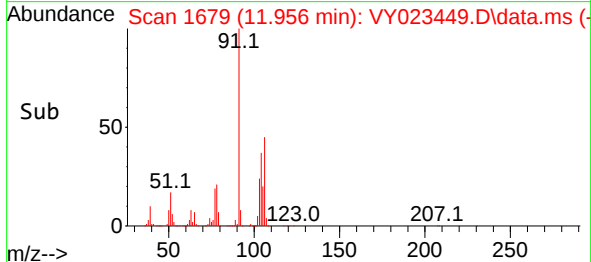
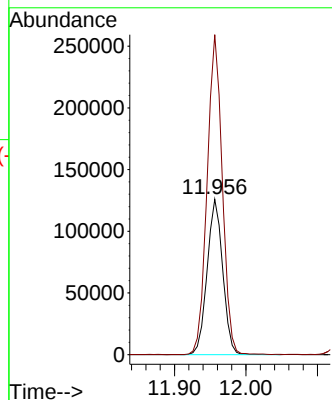
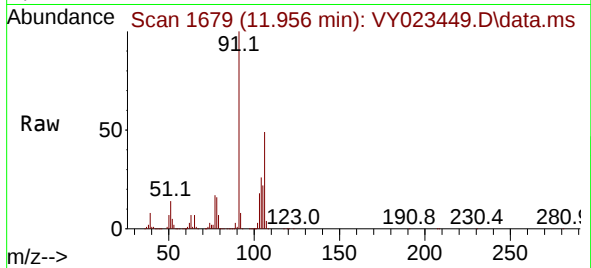




#69
o-Xylene
Concen: 21.057 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

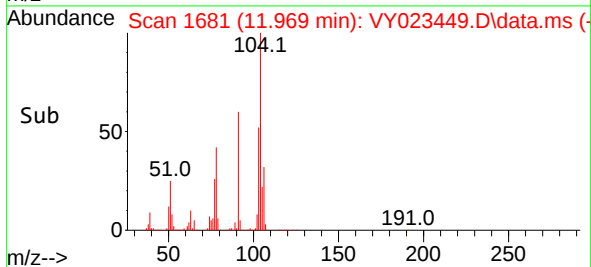
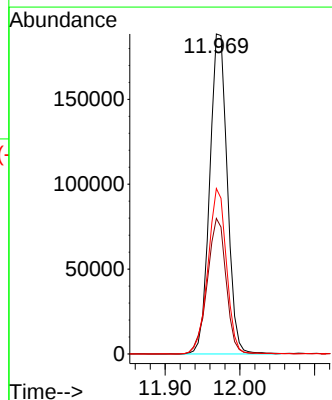
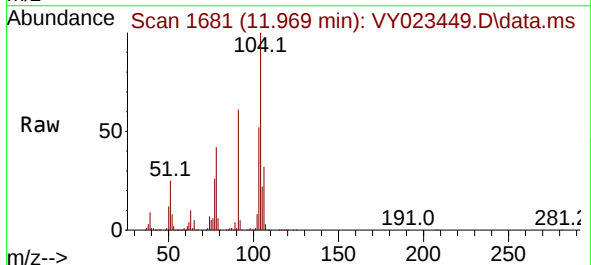
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

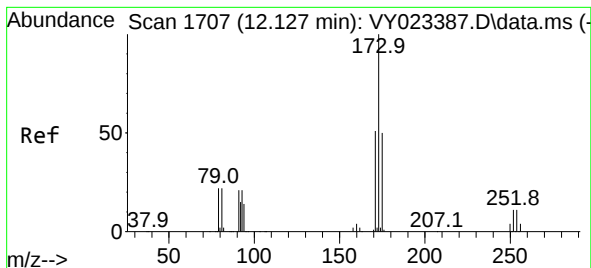
Tgt Ion:106 Resp: 190451
Ion Ratio Lower Upper
106 100
91 200.7 101.4 304.1



#70
Styrene
Concen: 20.688 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion:104 Resp: 307698
Ion Ratio Lower Upper
104 100
78 45.4 36.1 54.1
103 54.6 43.2 64.8





#71

Bromoform

Concen: 19.631 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

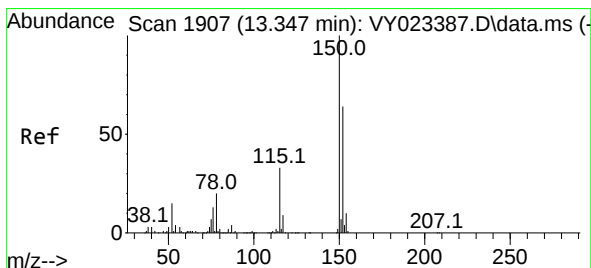
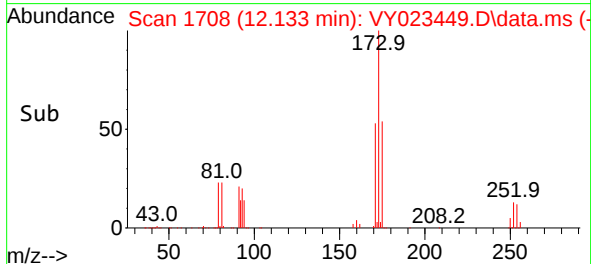
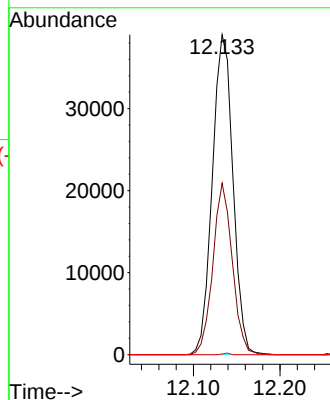
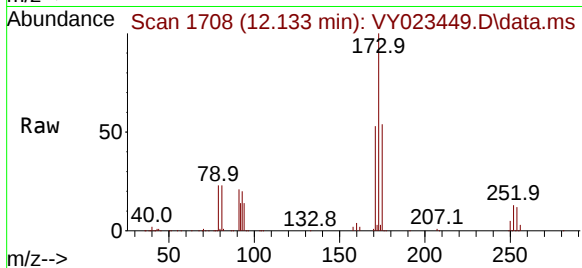
Tgt Ion:173 Resp: 64448

Ion Ratio Lower Upper

173 100

175 50.5 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: VY023449.D

Acq: 13 Oct 2025 09:56

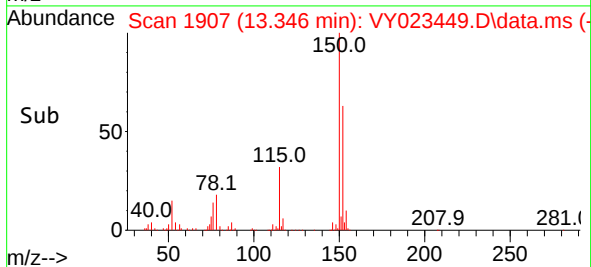
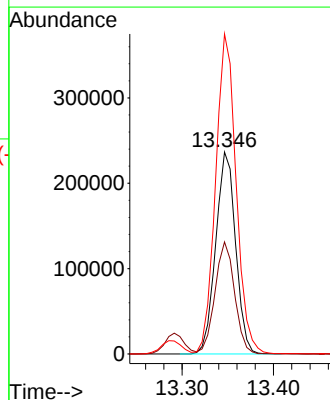
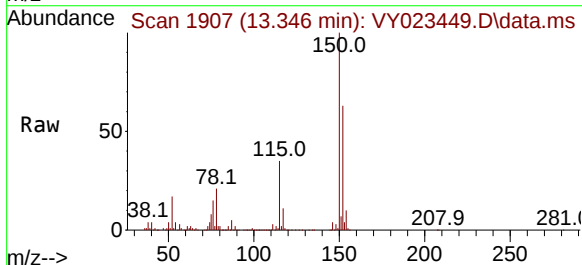
Tgt Ion:152 Resp: 357707

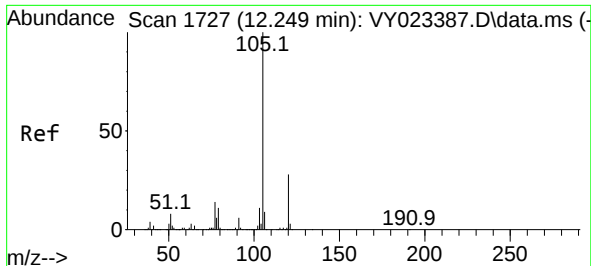
Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.2

150 163.4 0.0 347.4

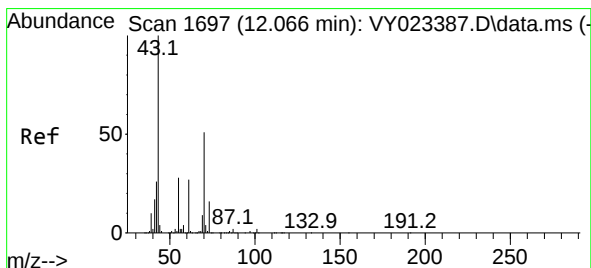
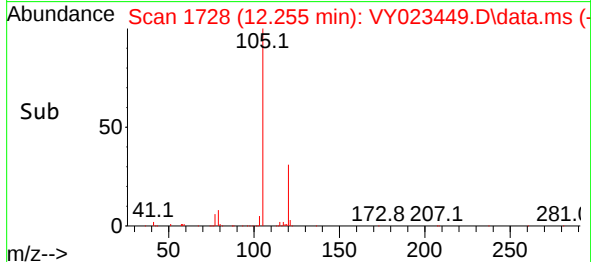
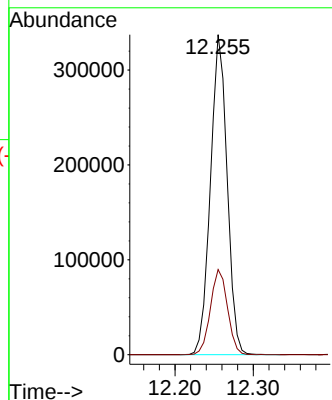
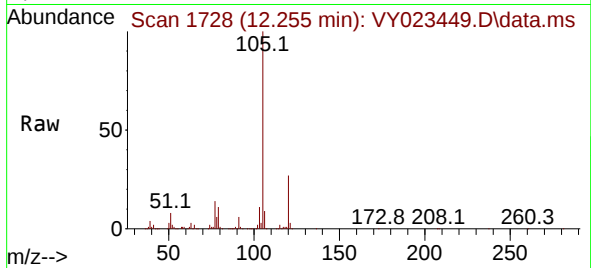




#73
Isopropylbenzene
Concen: 21.141 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

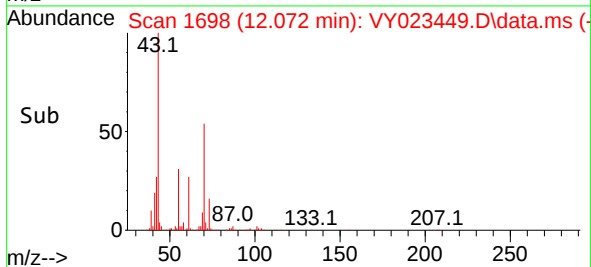
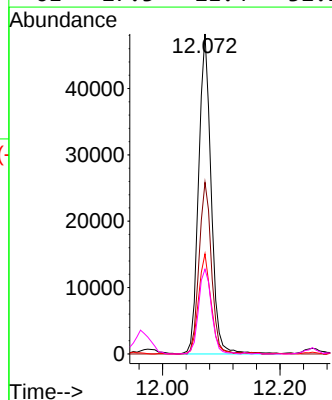
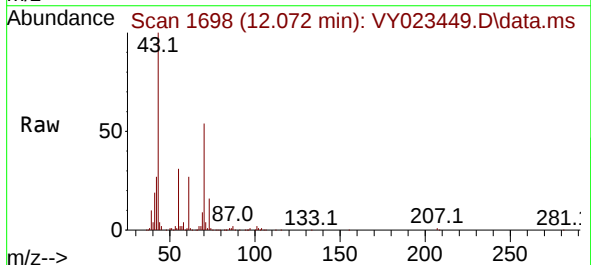
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

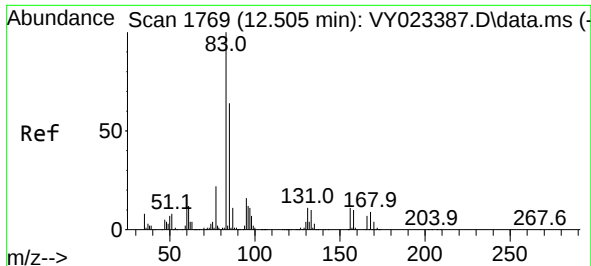
Tgt Ion:105 Resp: 498369
Ion Ratio Lower Upper
105 100
120 27.2 13.9 41.7



#74
N-ethyl acetate
Concen: 16.859 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 43 Resp: 71383
Ion Ratio Lower Upper
43 100
70 52.7 41.1 61.7
55 31.3 23.0 34.6
61 27.3 21.4 32.2

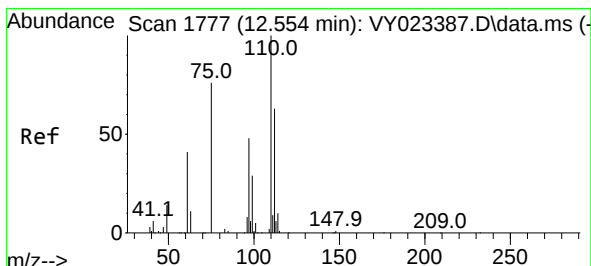
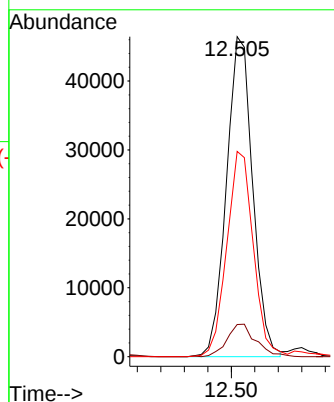
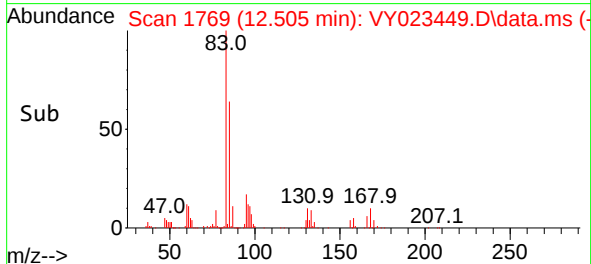
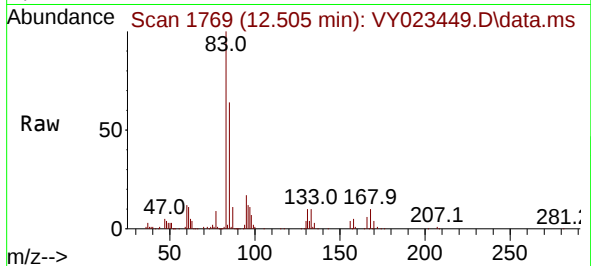




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.709 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

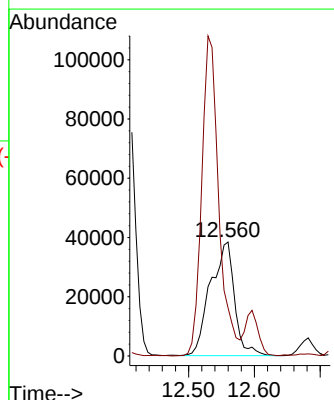
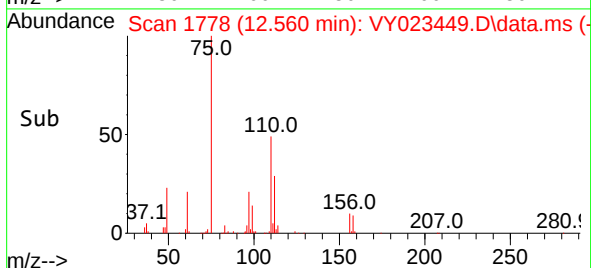
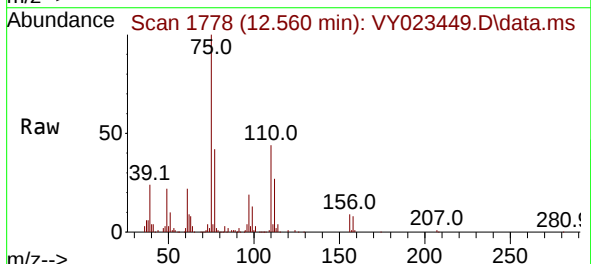
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

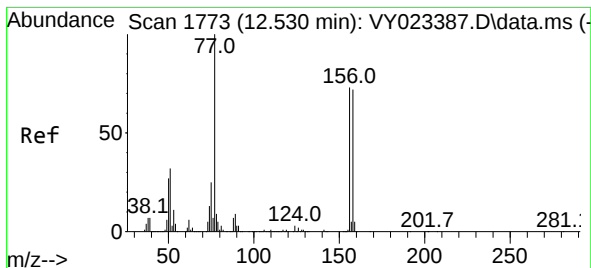
Tgt Ion: 83 Resp: 72134
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.9 17.6
 85 64.7 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 31.078 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

Tgt Ion: 75 Resp: 98080
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.520 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

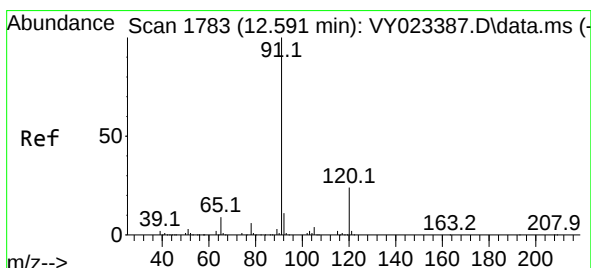
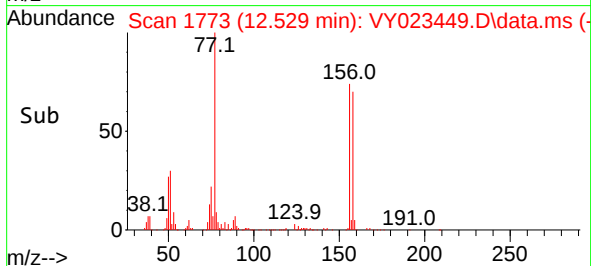
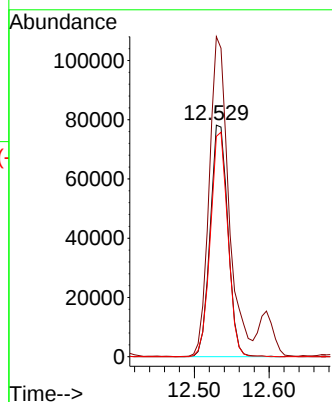
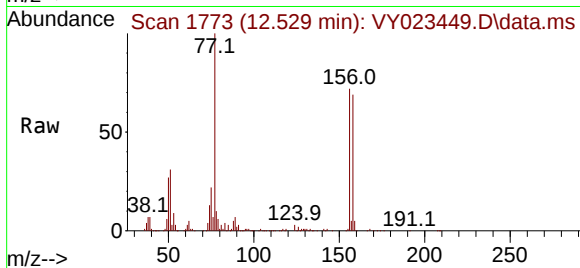
Tgt Ion:156 Resp: 128601

Ion Ratio Lower Upper

156 100

77 152.3 76.8 230.5

158 95.7 49.0 147.2



#78

n-propylbenzene

Concen: 21.441 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023449.D

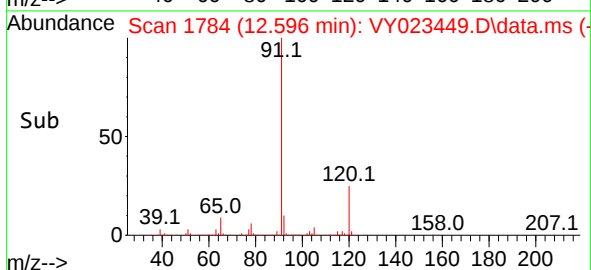
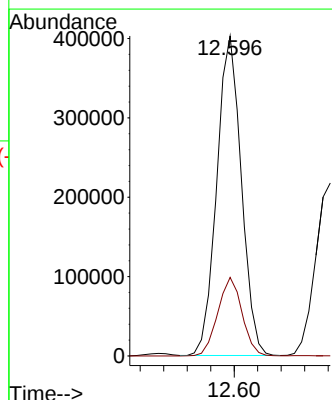
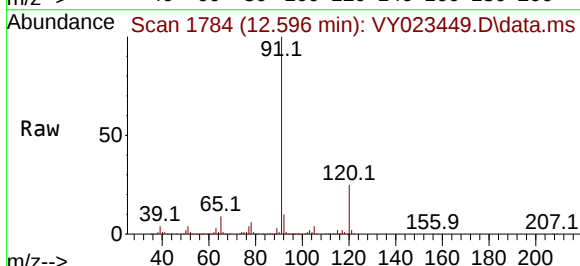
Acq: 13 Oct 2025 09:56

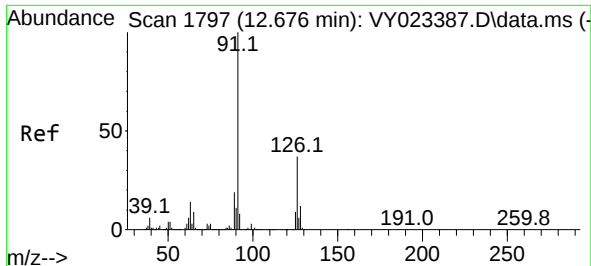
Tgt Ion: 91 Resp: 584897

Ion Ratio Lower Upper

91 100

120 24.3 12.3 36.8





#79

2-Chlorotoluene

Concen: 20.992 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

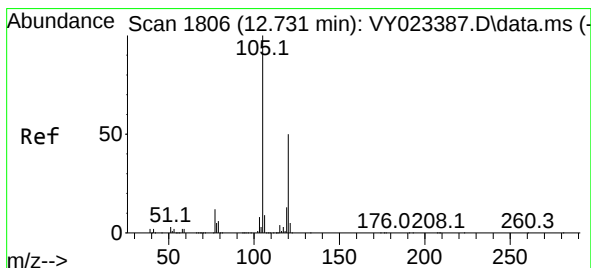
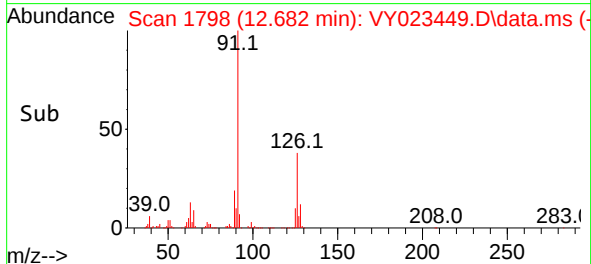
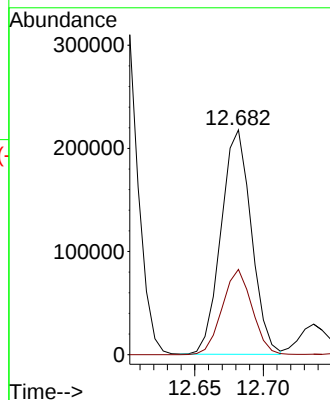
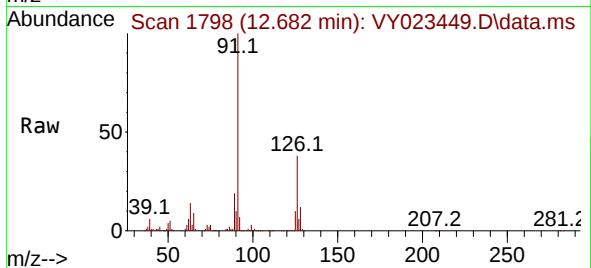
VY1013SBS01

Tgt Ion: 91 Resp: 335345

Ion Ratio Lower Upper

91 100

126 37.4 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 21.474 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023449.D

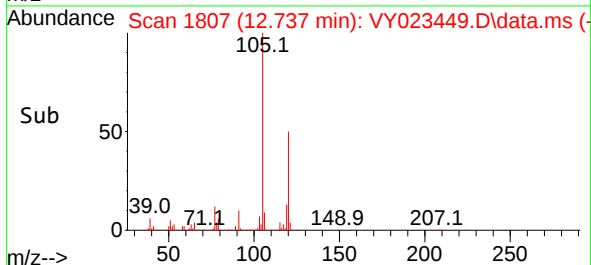
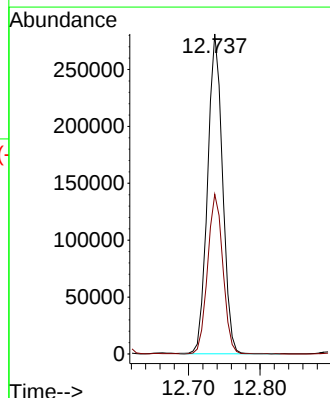
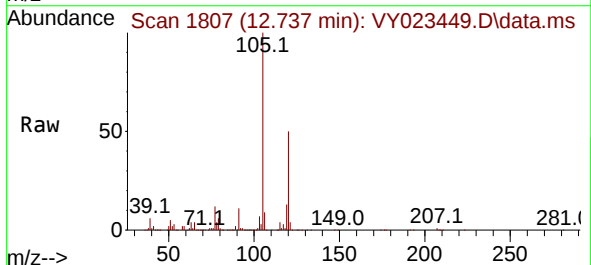
Acq: 13 Oct 2025 09:56

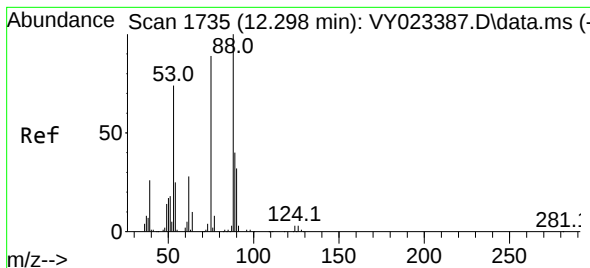
Tgt Ion: 105 Resp: 409067

Ion Ratio Lower Upper

105 100

120 50.8 25.4 76.4

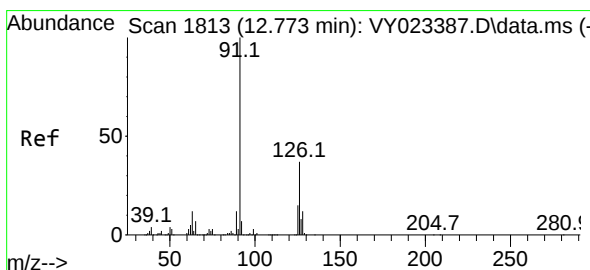
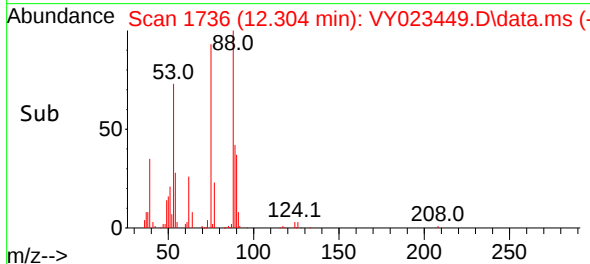
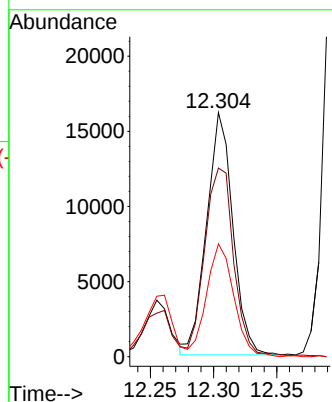
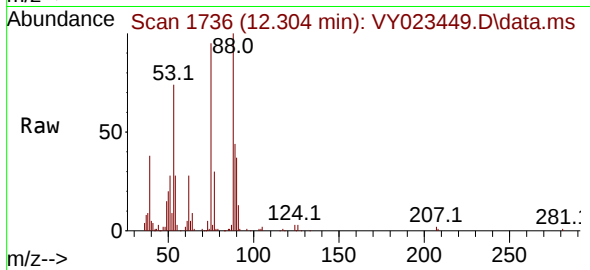




#81
trans-1,4-Dichloro-2-butene
Concen: 18.118 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

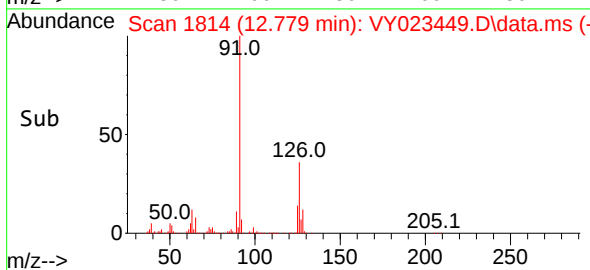
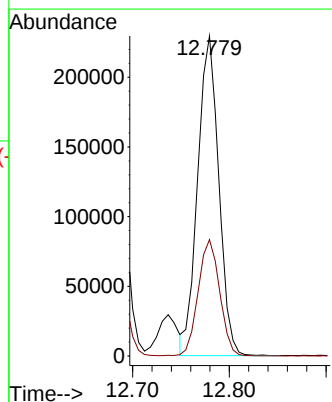
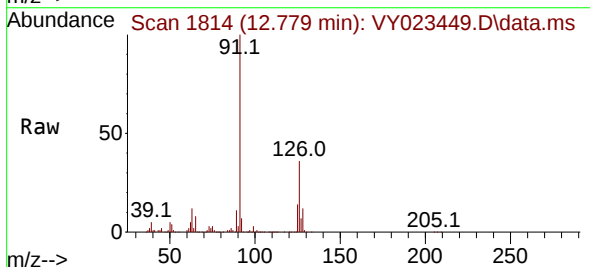
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

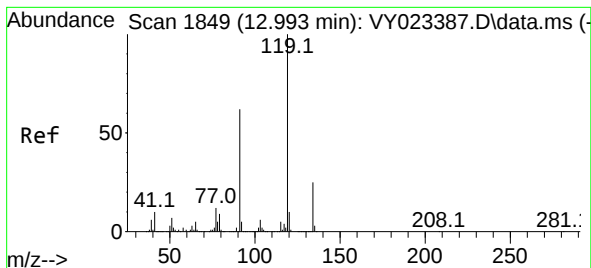
Tgt Ion: 75 Resp: 23317
Ion Ratio Lower Upper
75 100
53 85.2 68.6 102.8
89 48.2 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.149 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023449.D
Acq: 13 Oct 2025 09:56

Tgt Ion: 91 Resp: 347939
Ion Ratio Lower Upper
91 100
126 37.2 18.4 55.4





#83

tert-Butylbenzene

Concen: 21.021 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

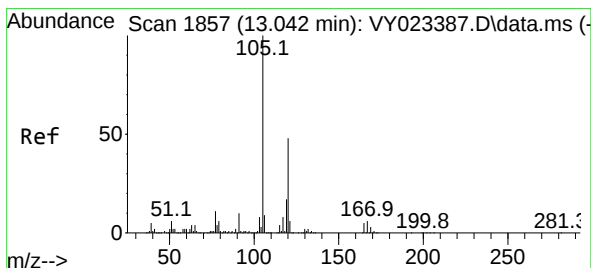
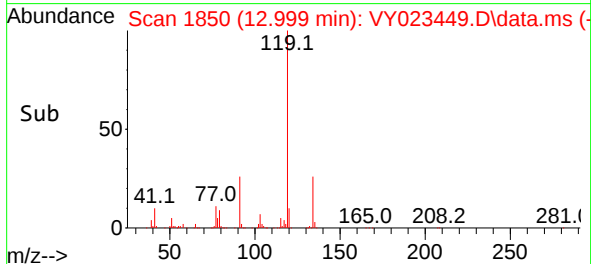
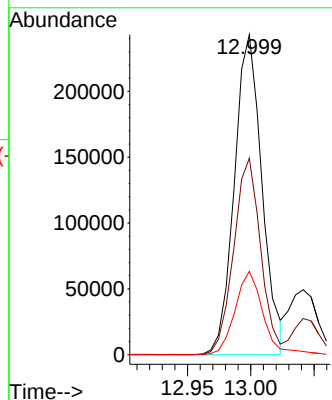
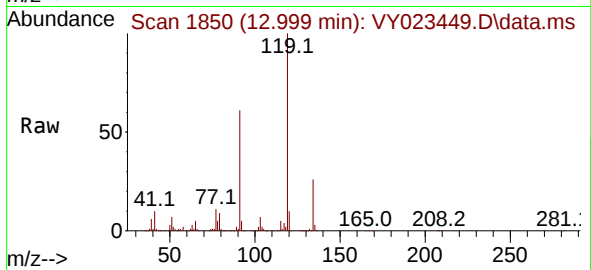
Tgt Ion:119 Resp: 369717

Ion Ratio Lower Upper

119 100

91 59.7 29.9 89.8

134 26.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.973 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023449.D

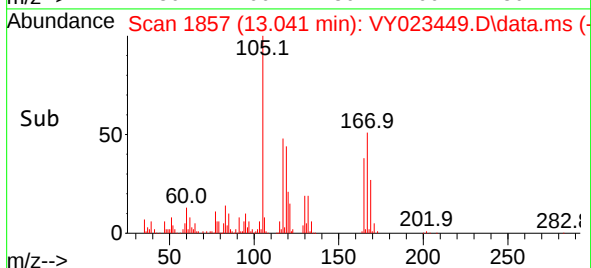
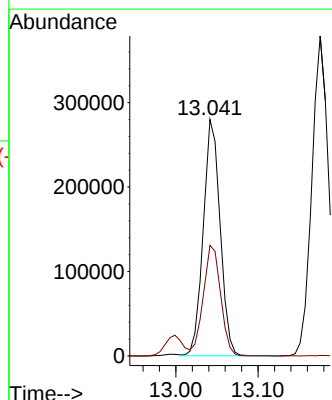
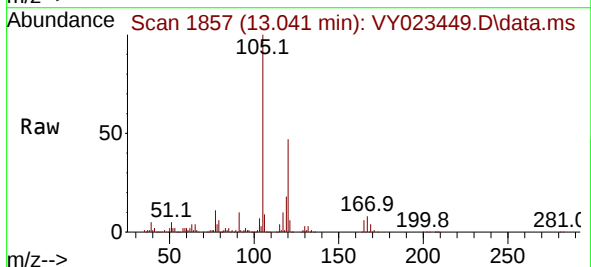
Acq: 13 Oct 2025 09:56

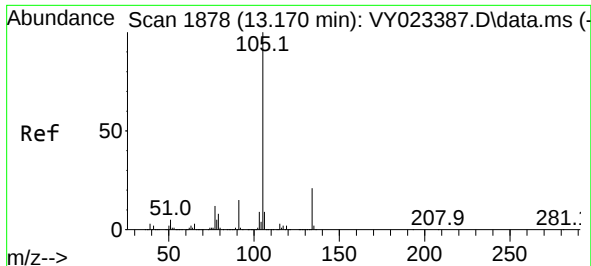
Tgt Ion:105 Resp: 398707

Ion Ratio Lower Upper

105 100

120 48.0 23.8 71.2

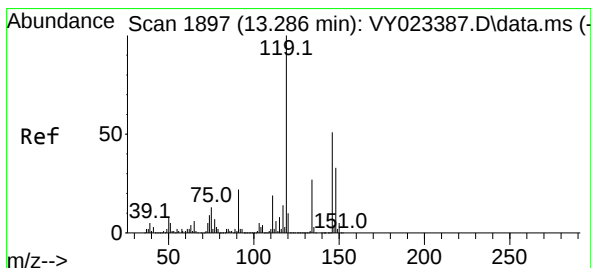
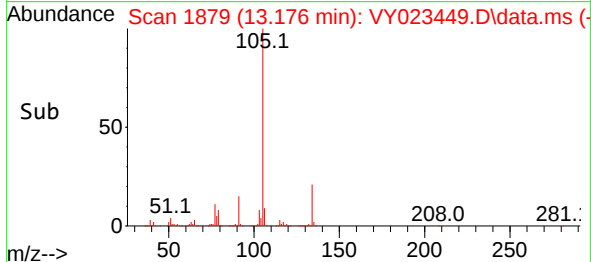
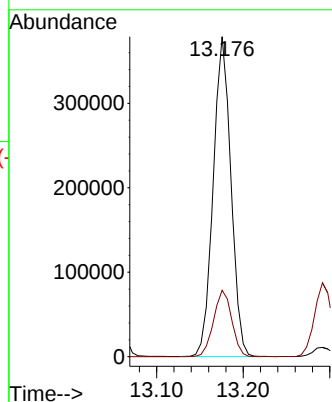
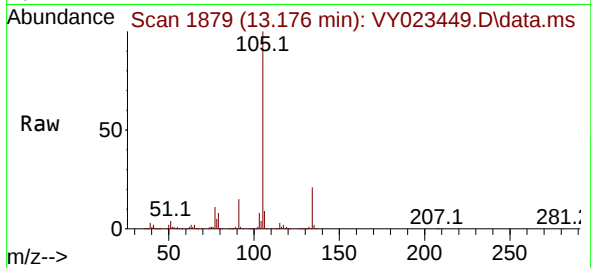




#85
 sec-Butylbenzene
 Concen: 21.338 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

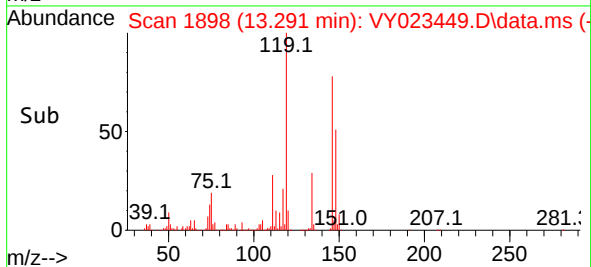
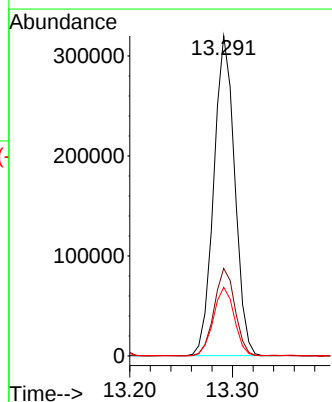
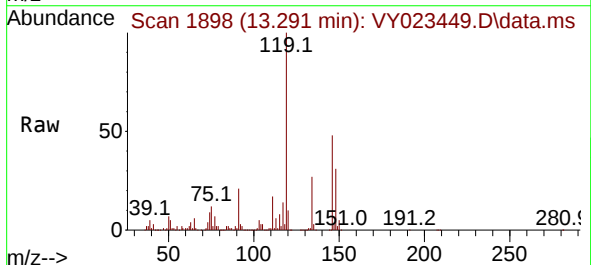
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Tgt Ion:105 Resp: 538356
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 20.975 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

Tgt Ion:119 Resp: 450571
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 21.4 10.9 32.9

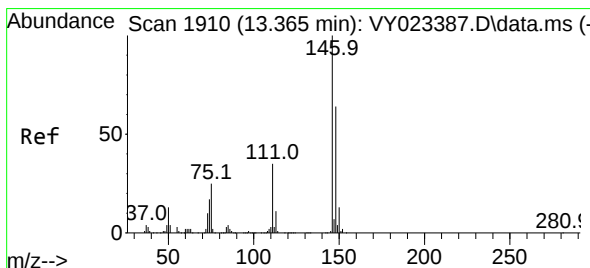
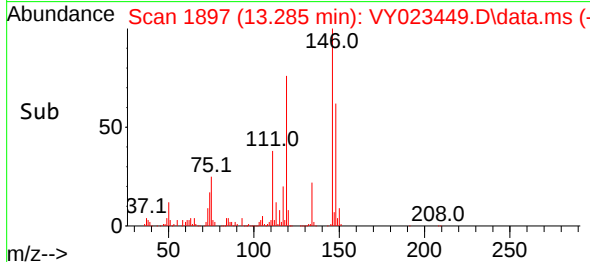
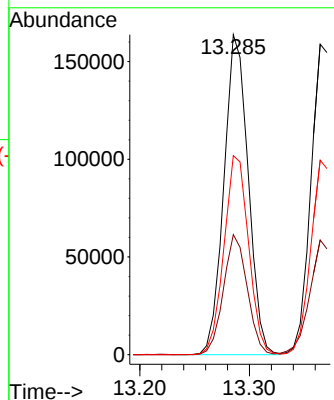
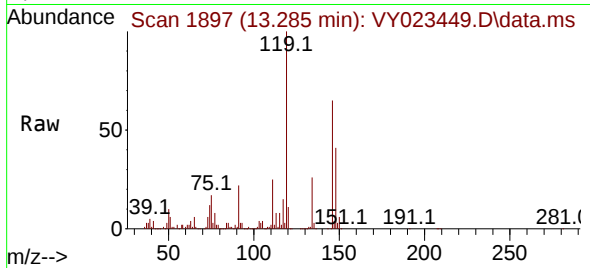




#87
 1,3-Dichlorobenzene
 Concen: 20.631 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

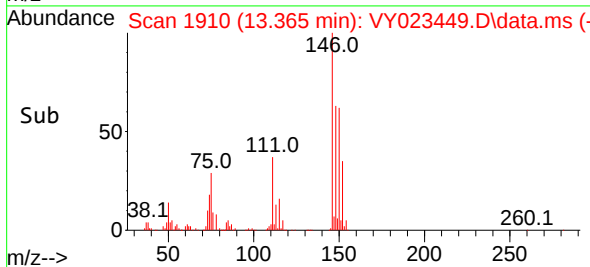
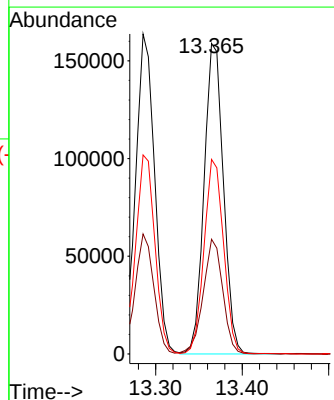
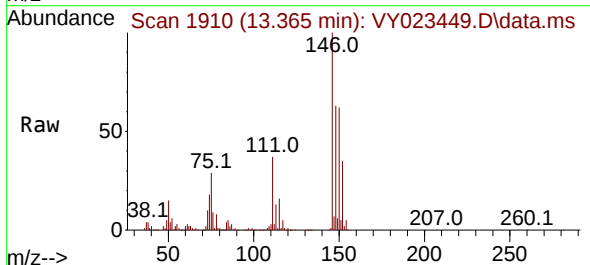
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

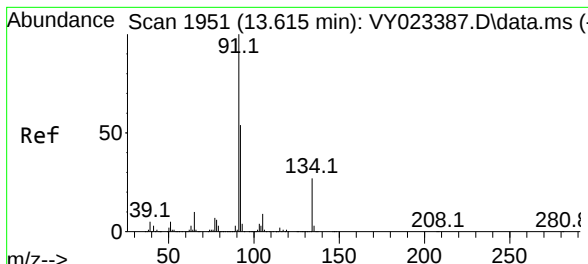
Tgt Ion:146 Resp: 251772
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.7 56.1
 148 63.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.445 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

Tgt Ion:146 Resp: 246428
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.0 54.0
 148 63.2 31.9 95.7



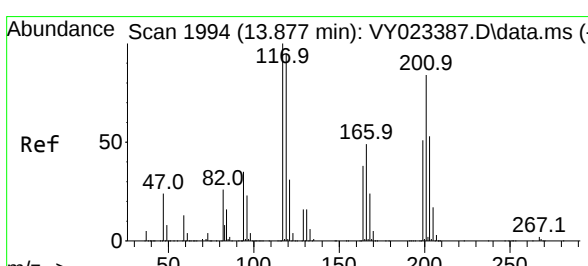
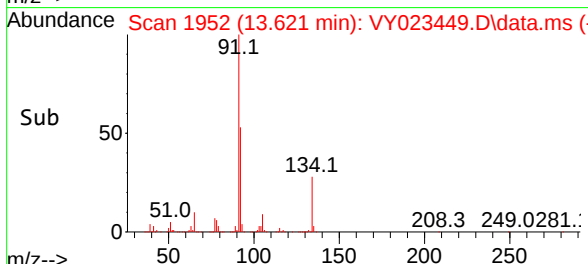
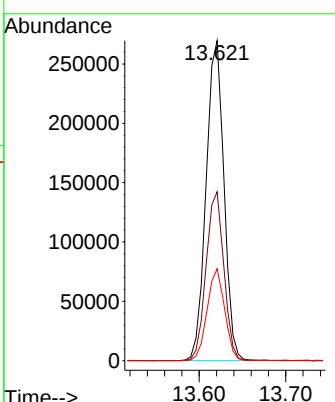
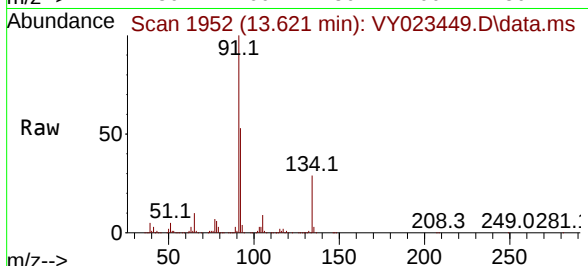


#89
 n-Butylbenzene
 Concen: 20.610 ug/l
 RT: 13.621 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Tgt Ion: 91 Resp: 385775

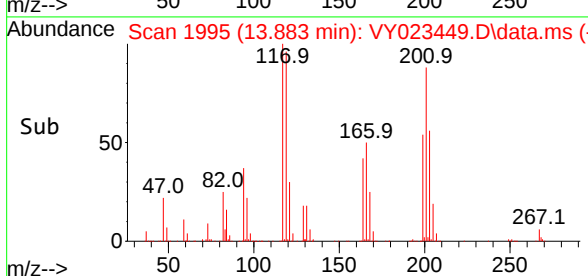
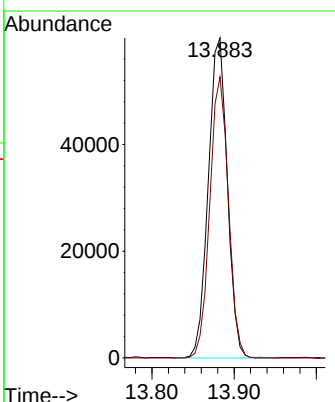
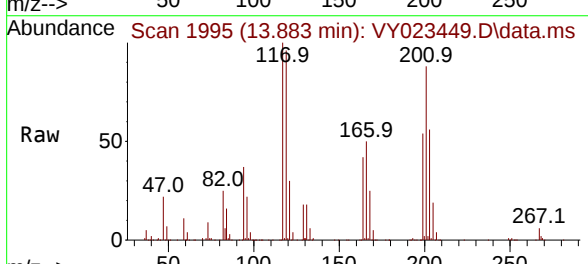
Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.0	80.8
134	28.2	14.1	42.2

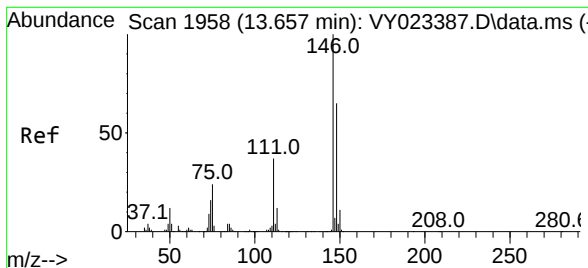


#90
 Hexachloroethane
 Concen: 20.878 ug/l
 RT: 13.883 min Scan# 1995
 Delta R.T. 0.006 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

Tgt Ion: 117 Resp: 96463

Ion	Ratio	Lower	Upper
117	100		
201	85.6	43.8	131.4

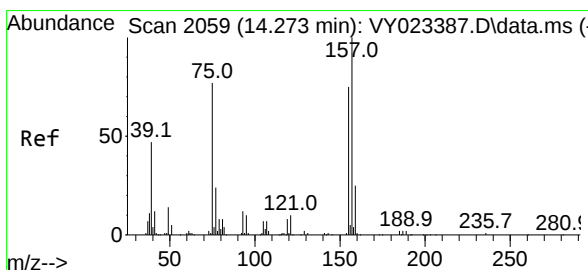
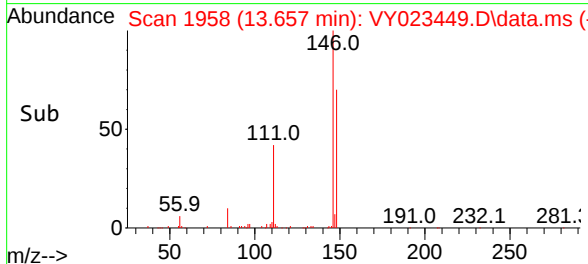
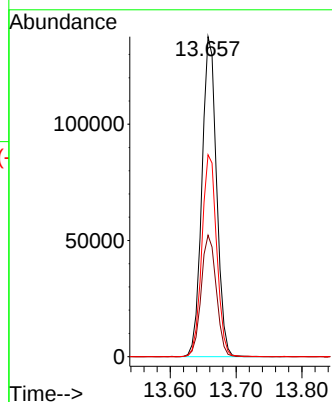
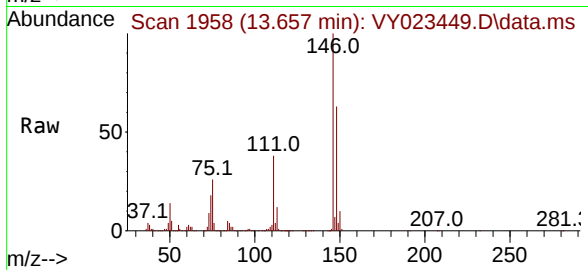




#91
 1,2-Dichlorobenzene
 Concen: 19.924 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

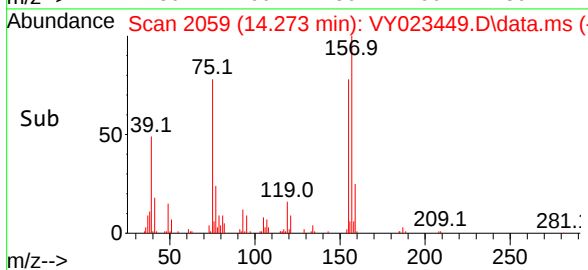
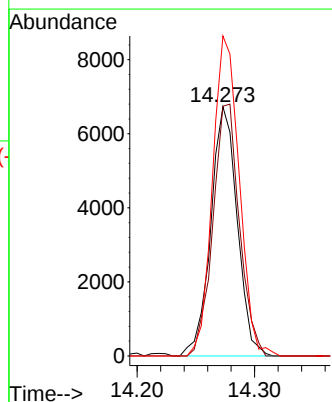
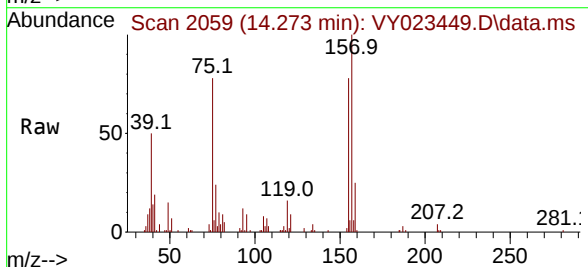
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Tgt Ion:146 Resp: 213177
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.0 57.0
 148 63.9 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.616 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023449.D
 Acq: 13 Oct 2025 09:56

Tgt Ion: 75 Resp: 10512
 Ion Ratio Lower Upper
 75 100
 155 101.5 50.0 150.0
 157 129.2 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 19.005 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

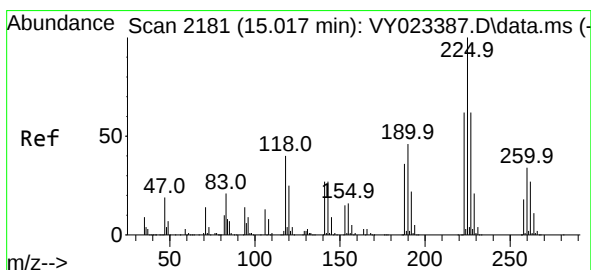
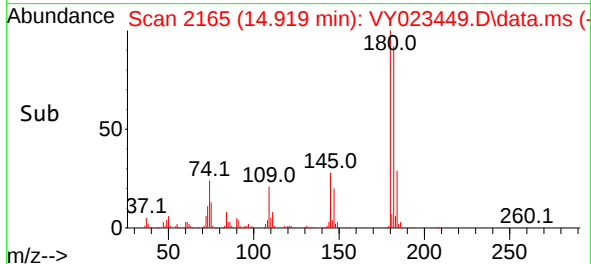
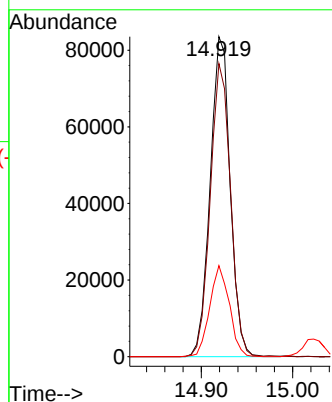
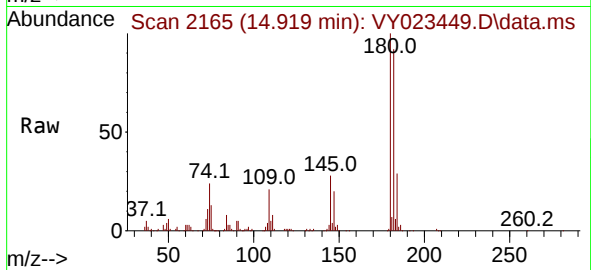
Tgt Ion:180 Resp: 126767

Ion Ratio Lower Upper

180 100

182 92.8 47.9 143.6

145 27.9 14.7 44.1



#94

Hexachlorobutadiene

Concen: 20.592 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

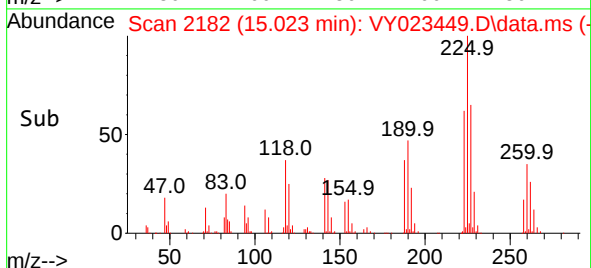
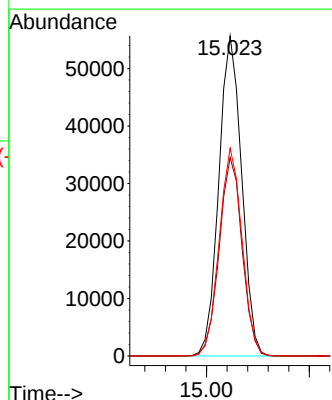
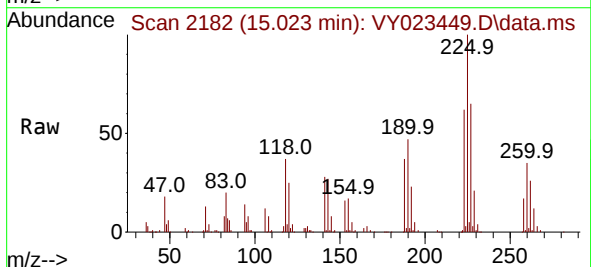
Tgt Ion:225 Resp: 85622

Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 65.0 31.9 95.7





#95

Naphthalene

Concen: 15.821 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

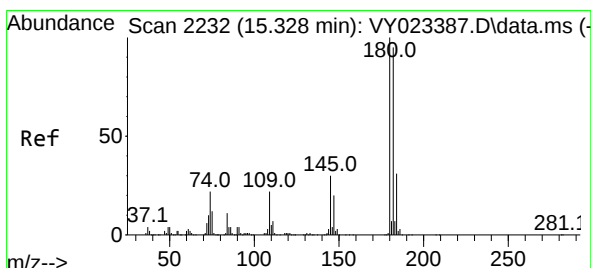
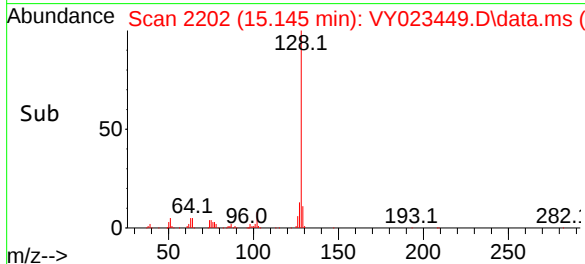
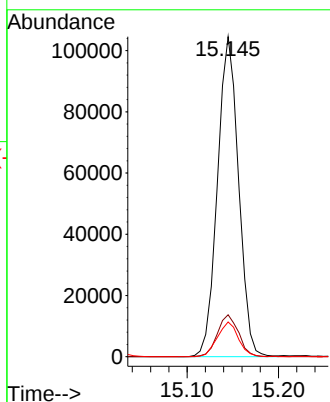
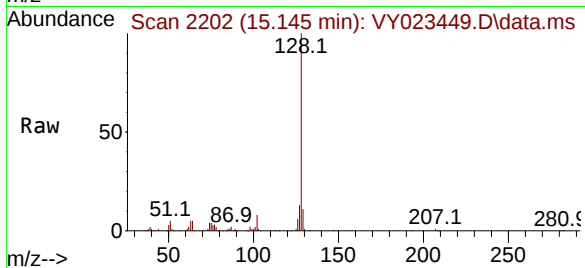
Tgt Ion:128 Resp: 168049

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.006 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023449.D

Acq: 13 Oct 2025 09:56

Tgt Ion:180 Resp: 104033

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.8

145 30.3 15.3 45.9

