

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023849.D
 Acq On : 02 Dec 2025 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 00:57:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	504446	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	785836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	674684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	345634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	244651	49.801	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.646	113	241293	51.833	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.660%
50) Toluene-d8	10.115	98	952903	51.535	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.408	95	308414	50.693	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.380%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	198999	52.345	ug/l	98
3) Chloromethane	2.080	50	290956	50.027	ug/l	99
4) Vinyl Chloride	2.214	62	337080	53.577	ug/l	97
5) Bromomethane	2.611	94	220949	49.783	ug/l	98
6) Chloroethane	2.745	64	215983	52.676	ug/l	99
7) Trichlorofluoromethane	3.074	101	447418	52.600	ug/l	98
8) Diethyl Ether	3.464	74	137628	51.372	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.830	101	261482	52.671	ug/l	99
10) Methyl Iodide	4.019	142	309061	56.812	ug/l	100
11) Tert butyl alcohol	4.872	59	82278	203.929	ug/l	100
12) 1,1-Dichloroethene	3.806	96	261066	53.453	ug/l	99
13) Acrolein	3.665	56	136936	236.095	ug/l	99
14) Allyl chloride	4.397	41	422349	54.586	ug/l	98
15) Acrylonitrile	5.074	53	302003	261.185	ug/l	99
16) Acetone	3.879	43	463995	327.824	ug/l	99
17) Carbon Disulfide	4.123	76	862544	54.723	ug/l	99
18) Methyl Acetate	4.397	43	132411	48.443	ug/l	99
19) Methyl tert-butyl Ether	5.129	73	642600	51.485	ug/l	99
20) Methylene Chloride	4.629	84	277971	46.454	ug/l	94
21) trans-1,2-Dichloroethene	5.129	96	293100	54.202	ug/l	98
22) Diisopropyl ether	6.031	45	921879	55.103	ug/l	98
23) Vinyl Acetate	5.970	43	2598730	279.332	ug/l	100
24) 1,1-Dichloroethane	5.927	63	523032	53.143	ug/l	98
25) 2-Butanone	6.903	43	506337	293.136	ug/l	100
26) 2,2-Dichloropropane	6.896	77	465248	53.331	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	329709	52.505	ug/l	100
28) Bromochloromethane	7.256	49	205034	50.082	ug/l	100
29) Tetrahydrofuran	7.268	42	248351	257.786	ug/l	99
30) Chloroform	7.433	83	522118	52.758	ug/l	99
31) Cyclohexane	7.713	56	504095	53.374	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	468095	53.286	ug/l	99
36) 1,1-Dichloropropene	7.841	75	396859	55.601	ug/l	99
37) Ethyl Acetate	6.994	43	180055	53.631	ug/l	98
38) Carbon Tetrachloride	7.829	117	427308	54.541	ug/l	99
39) Methylcyclohexane	9.116	83	518156	54.967	ug/l	99
40) Benzene	8.091	78	1194086	54.363	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	96378	57.501	ug/l	92
42) 1,2-Dichloroethane	8.165	62	299520	52.894	ug/l	100
43) Isopropyl Acetate	8.201	43	329575	52.530	ug/l #	88
44) Trichloroethene	8.872	130	302214	53.625	ug/l	100
45) 1,2-Dichloropropane	9.146	63	280679	54.198	ug/l	99
46) Dibromomethane	9.238	93	149734	53.284	ug/l	100
47) Bromodichloromethane	9.433	83	387041	52.702	ug/l	94
48) Methyl methacrylate	9.225	41	161695	54.739	ug/l	99
49) 1,4-Dioxane	9.238	88	31199	990.642	ug/l	93
51) 4-Methyl-2-Pentanone	10.006	43	889524	269.322	ug/l	99
52) Toluene	10.176	92	754644	55.421	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	360176	53.539	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	429962	53.393	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	196946	52.319	ug/l	97
56) Ethyl methacrylate	10.445	69	270002	54.626	ug/l	97
57) 1,3-Dichloropropane	10.725	76	349429	53.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	540385	227.581	ug/l	99
59) 2-Hexanone	10.768	43	727753	297.970	ug/l	99
60) Dibromochloromethane	10.914	129	264266	52.316	ug/l	100
61) 1,2-Dibromoethane	11.018	107	184210	52.720	ug/l	98
64) Tetrachloroethene	10.652	164	350404	54.748	ug/l	99
65) Chlorobenzene	11.444	112	798973	53.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	268433	53.354	ug/l	100
67) Ethyl Benzene	11.524	91	1424255	56.303	ug/l	100
68) m/p-Xylenes	11.633	106	1095099	112.344	ug/l	99
69) o-Xylene	11.957	106	511221	55.941	ug/l	98
70) Styrene	11.975	104	846571	56.235	ug/l	100
71) Bromoform	12.139	173	154772	52.738	ug/l #	99
73) Isopropylbenzene	12.261	105	1357887	55.355	ug/l	100
74) N-amyl acetate	12.072	43	293854	53.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	207573	51.396	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	292733	97.393	ug/l #	100
77) Bromobenzene	12.536	156	309452	53.633	ug/l	99
78) n-propylbenzene	12.597	91	1635175	55.366	ug/l	100
79) 2-Chlorotoluene	12.682	91	916874	53.941	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	1107297	55.295	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	74866	52.648	ug/l	98
82) 4-Chlorotoluene	12.780	91	942352	53.982	ug/l	100
83) tert-Butylbenzene	12.999	119	989855	55.023	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	1098312	54.880	ug/l	99
85) sec-Butylbenzene	13.176	105	1442913	54.336	ug/l	100
86) p-Isopropyltoluene	13.298	119	1206855	54.372	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	606676	52.464	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	594059	51.467	ug/l	100
89) n-Butylbenzene	13.621	91	1094988	53.802	ug/l	100
90) Hexachloroethane	13.883	117	240545	51.580	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	532786	52.688	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	33149	49.036	ug/l	96
93) 1,2,4-Trichlorobenzene	14.926	180	309195	51.283	ug/l	98
94) Hexachlorobutadiene	15.029	225	180213	47.996	ug/l	98
95) Naphthalene	15.151	128	535895	52.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	261964	51.017	ug/l	99

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QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

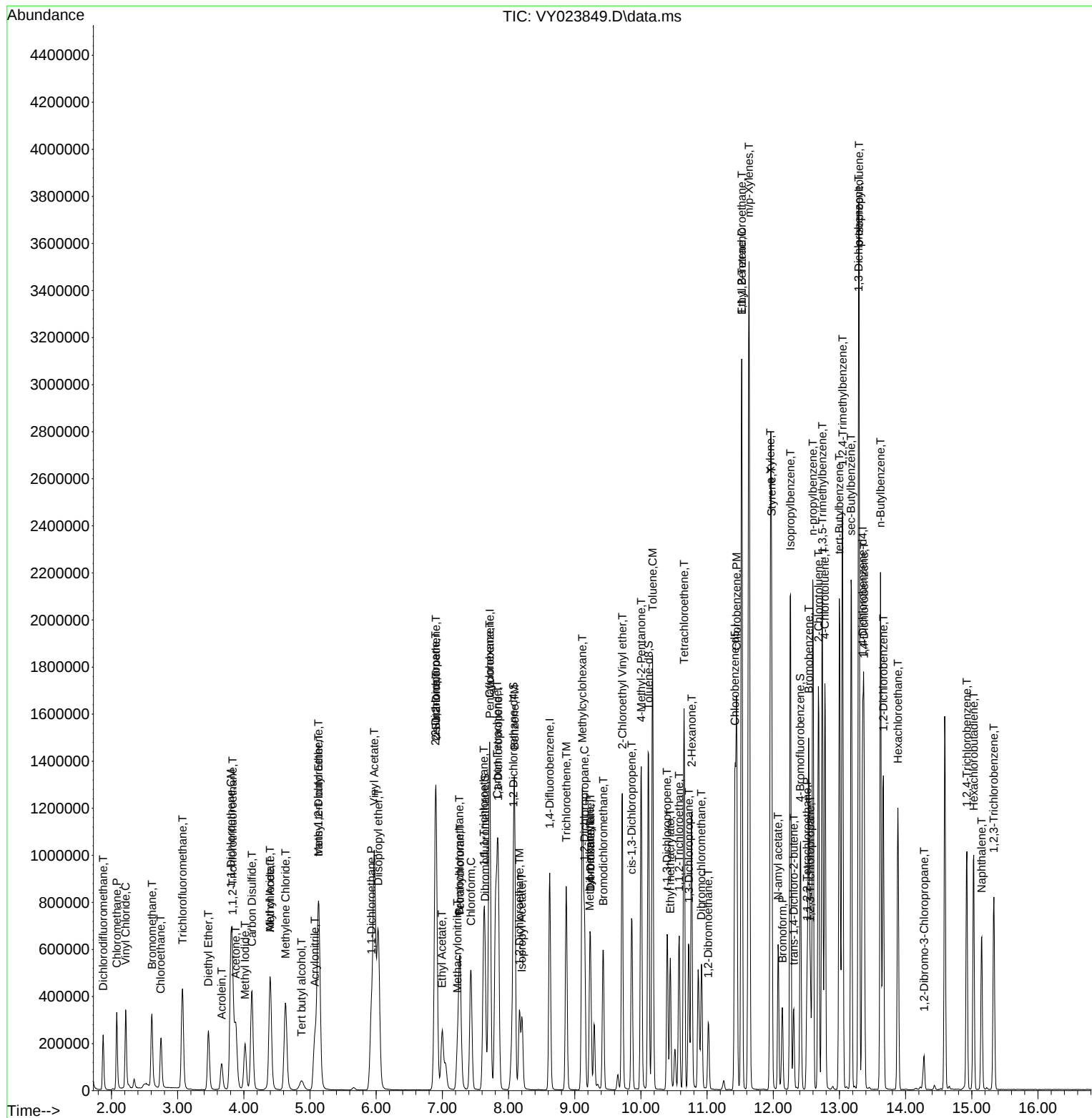
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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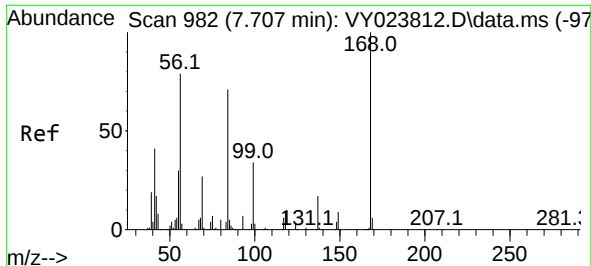
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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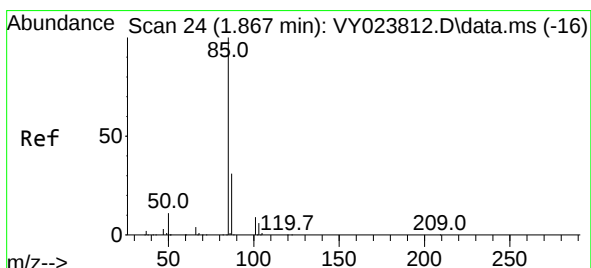
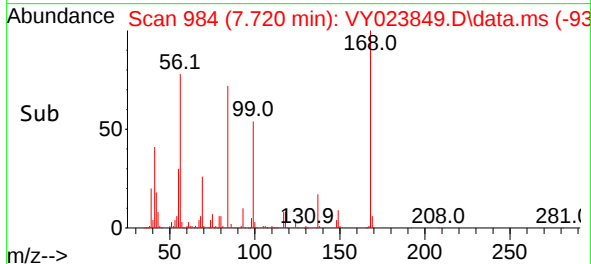
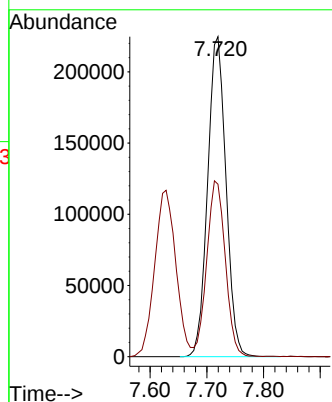
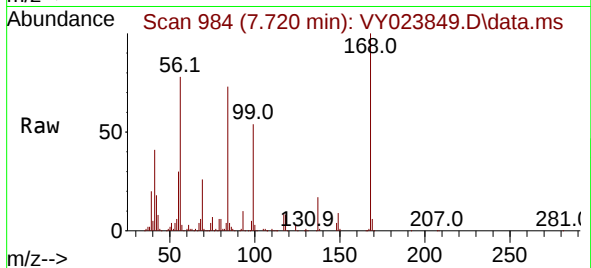




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY023849.D
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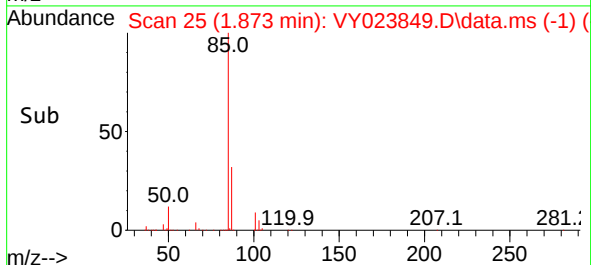
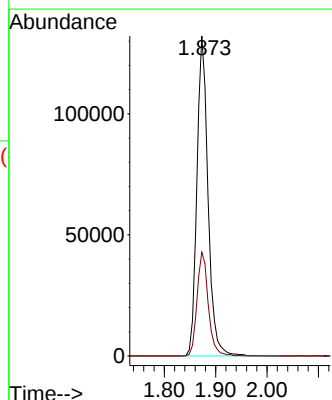
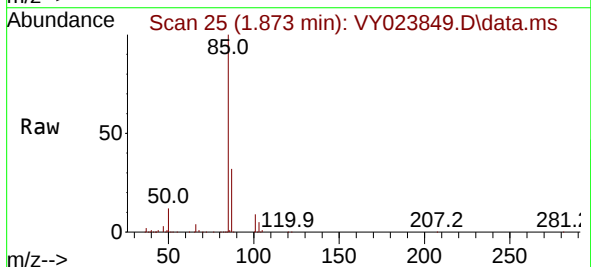
Instrument :
MSVOA_Y
ClientSampleId :

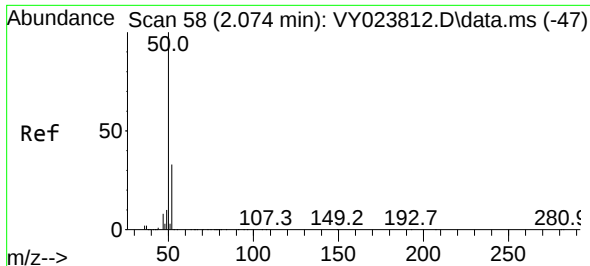
Tgt Ion:168 Resp: 504446
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 52.345 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 85 Resp: 198999
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1

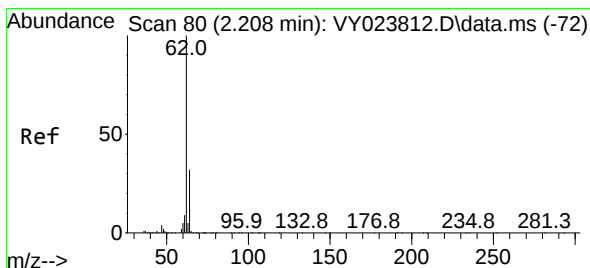
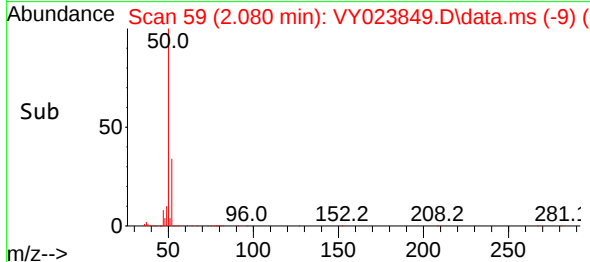
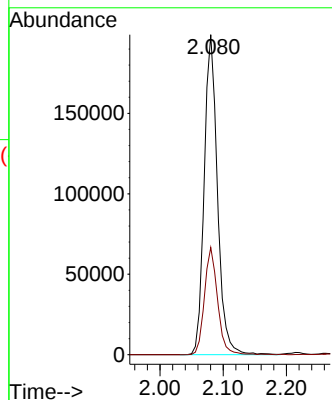
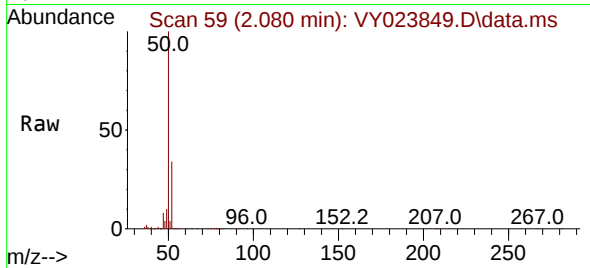




#3
Chloromethane
Concen: 50.027 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

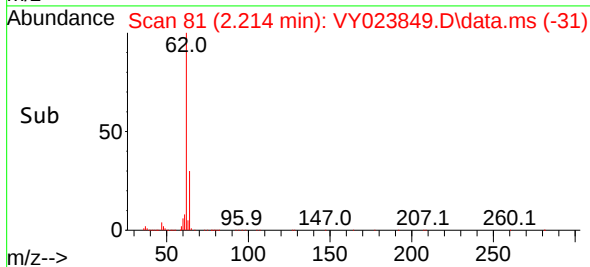
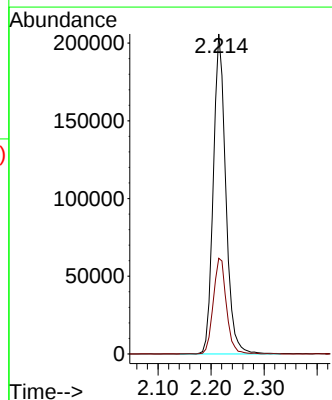
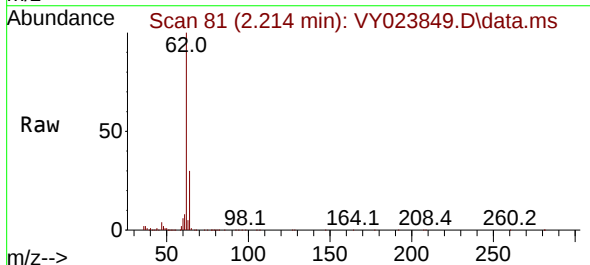
Instrument :
MSVOA_Y
ClientSampleId :

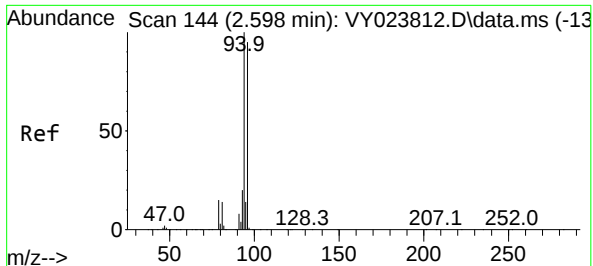
Tgt Ion: 50 Resp: 290956
Ion Ratio Lower Upper
50 100
52 33.5 26.6 39.8



#4
Vinyl Chloride
Concen: 53.577 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 62 Resp: 337080
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0

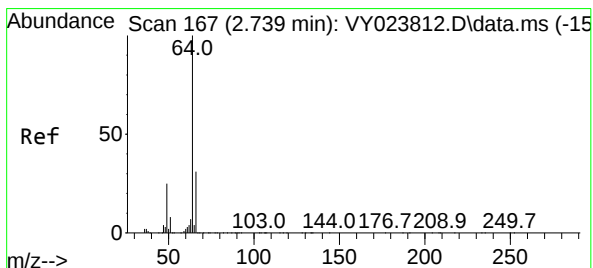
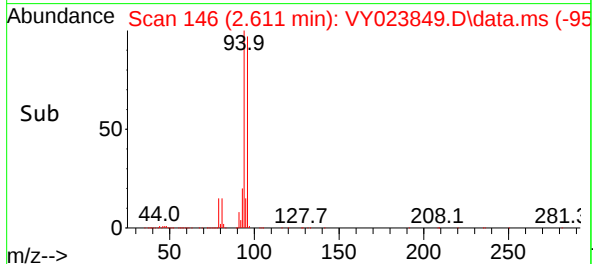
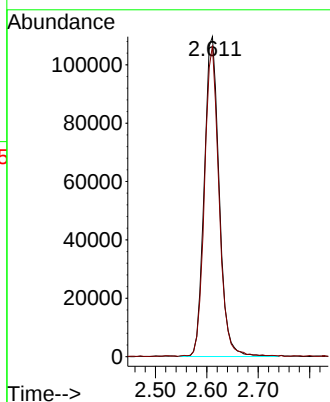
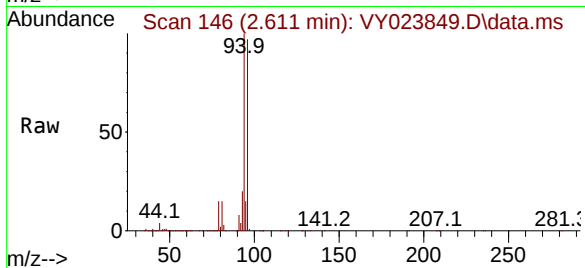




#5
Bromomethane
Concen: 49.783 ug/l
RT: 2.611 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

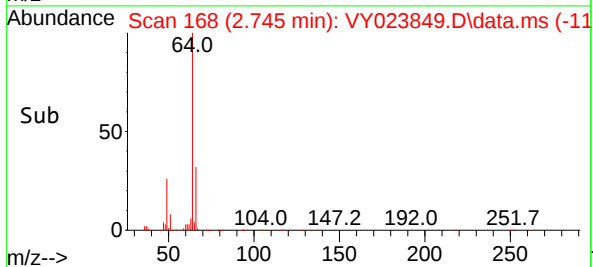
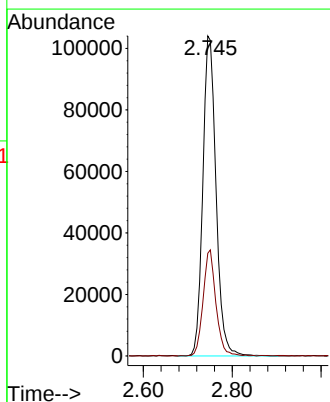
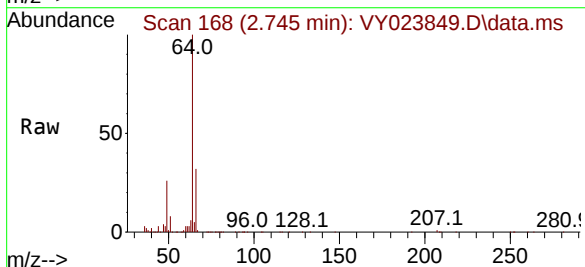
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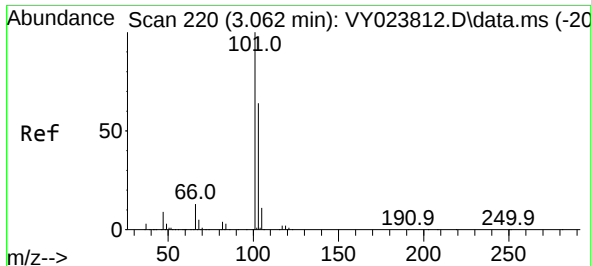
Tgt Ion: 94 Resp: 220949
Ion Ratio Lower Upper
94 100
96 97.2 76.1 114.1



#6
Chloroethane
Concen: 52.676 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023849.D
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Tgt Ion: 64 Resp: 215983
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7

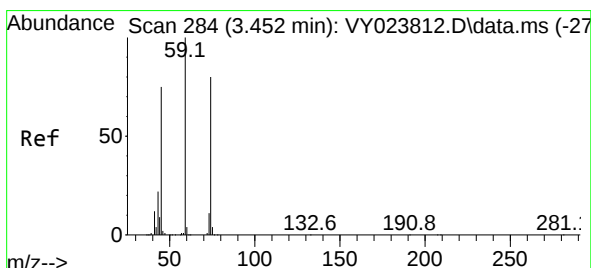
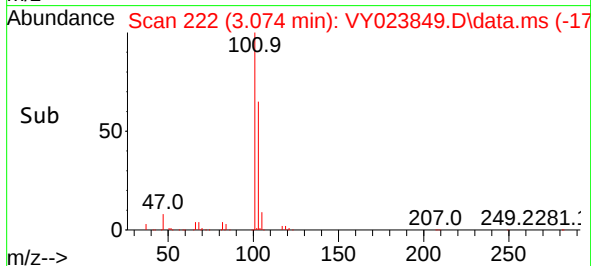
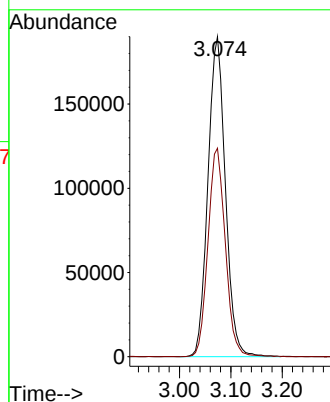
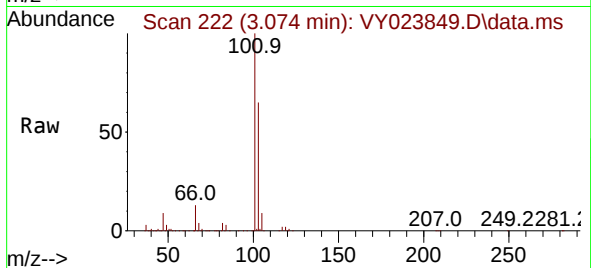




#7
Trichlorofluoromethane
Concen: 52.600 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

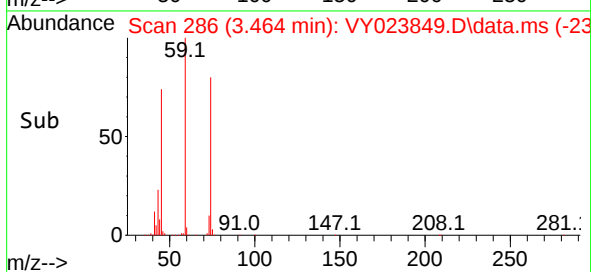
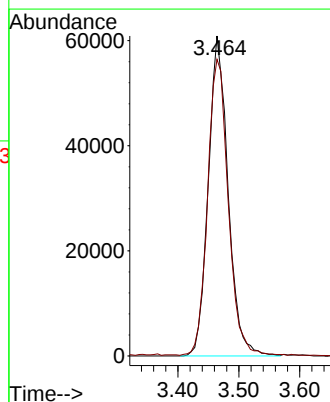
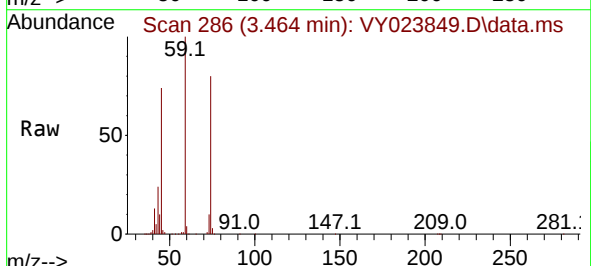
Instrument :
MSVOA_Y
ClientSampleId :

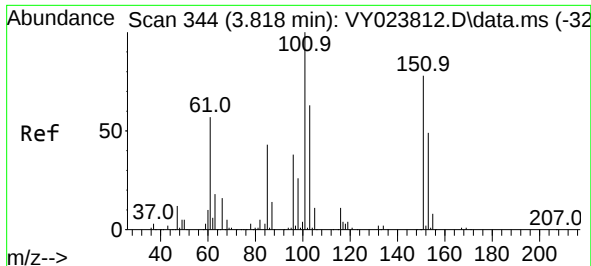
Tgt Ion:101 Resp: 447418
Ion Ratio Lower Upper
101 100
103 65.1 50.8 76.2



#8
Diethyl Ether
Concen: 51.372 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 74 Resp: 137628
Ion Ratio Lower Upper
74 100
45 96.4 47.0 141.0

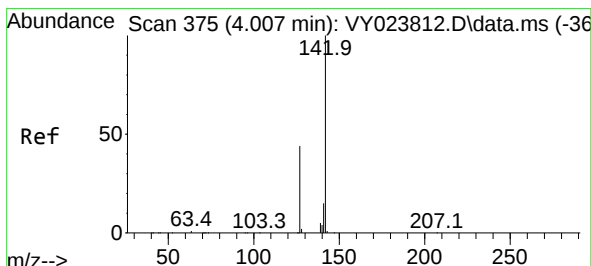
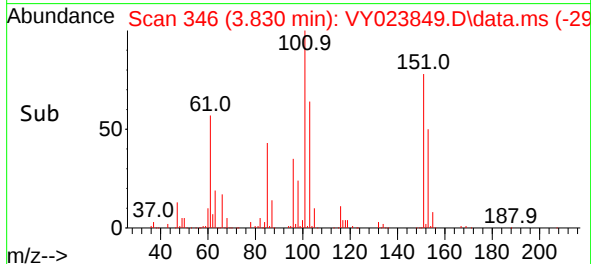
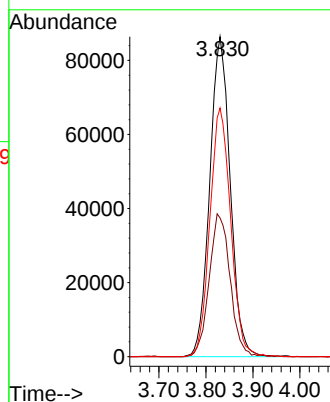
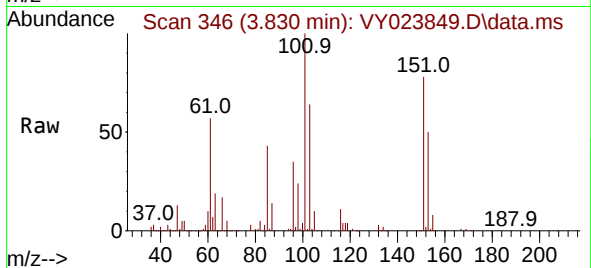




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.671 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

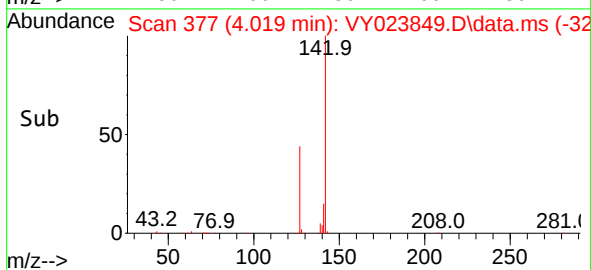
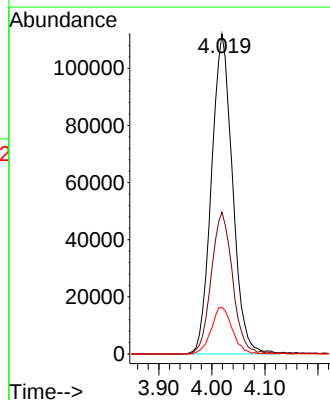
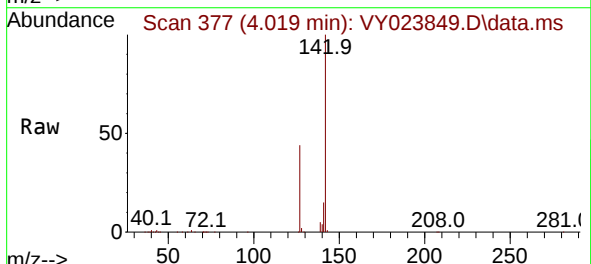
Instrument :
MSVOA_Y
ClientSampleId :

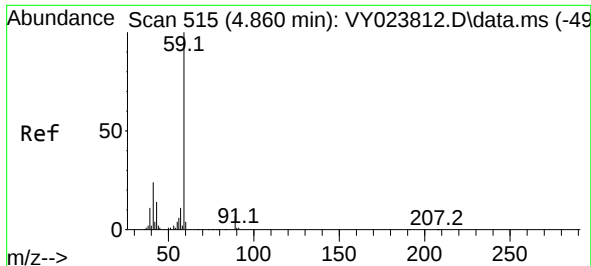
Tgt Ion:101 Resp: 261482
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.8
151 78.9 62.8 94.2



#10
Methyl Iodide
Concen: 56.812 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion:142 Resp: 309061
Ion Ratio Lower Upper
142 100
127 45.1 36.2 54.2
141 14.6 11.4 17.0

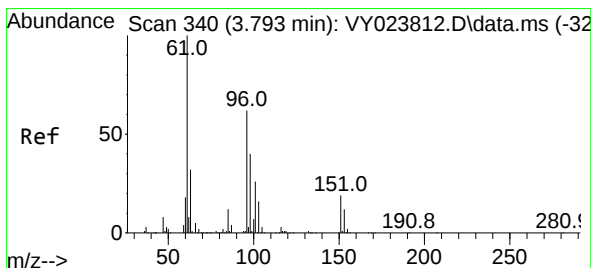
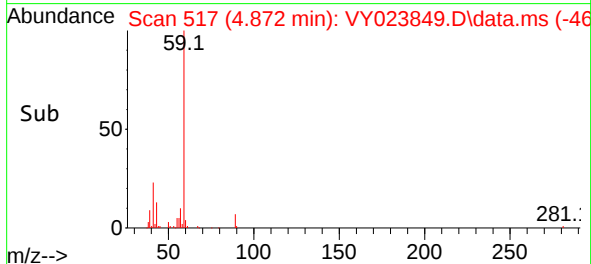
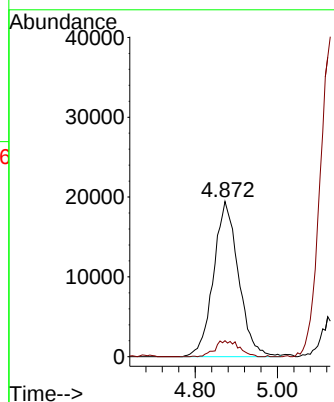
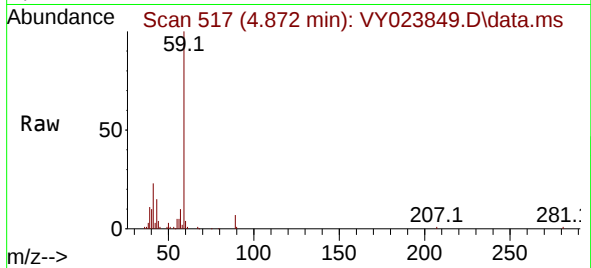




#11
Tert butyl alcohol
Concen: 203.929 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

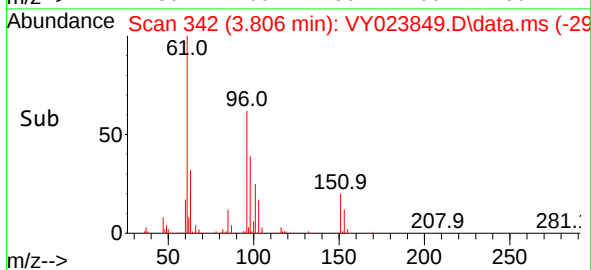
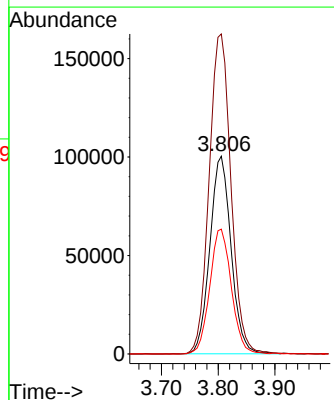
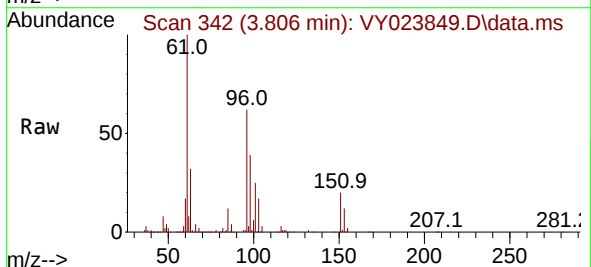
Instrument :
MSVOA_Y
ClientSampleId :

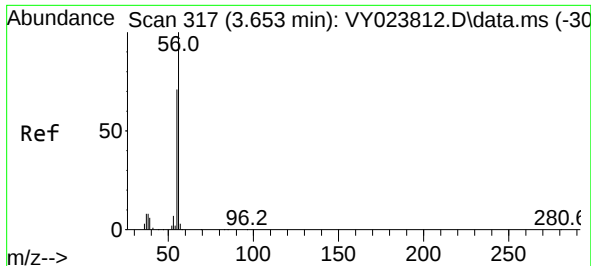
Tgt Ion: 59 Resp: 82278
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0



#12
1,1-Dichloroethene
Concen: 53.453 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 96 Resp: 261066
Ion Ratio Lower Upper
96 100
61 161.9 128.9 193.3
98 63.1 51.8 77.6

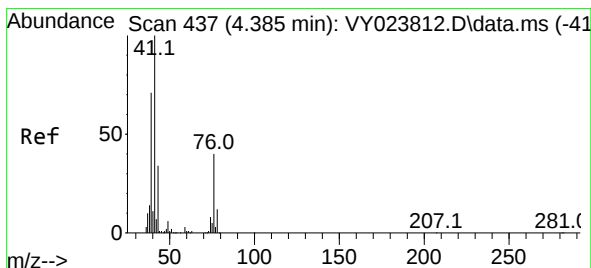
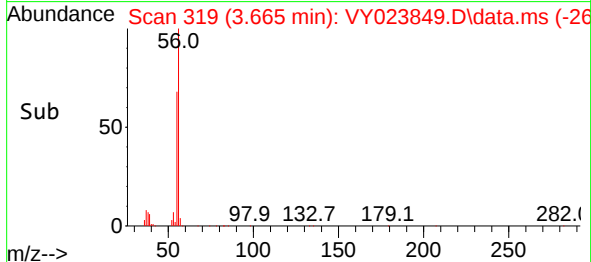
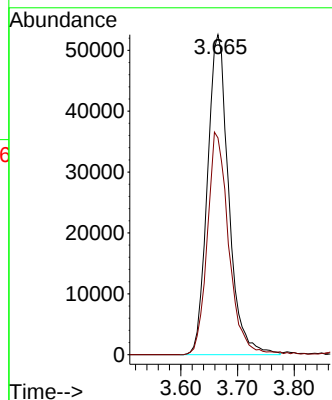
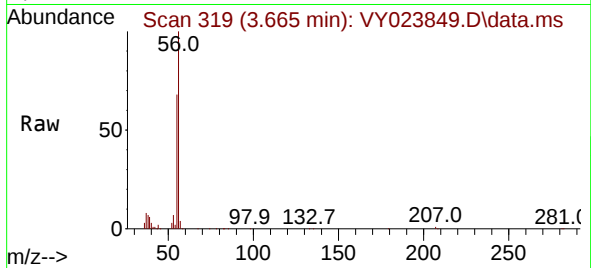




#13
Acrolein
Concen: 236.095 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

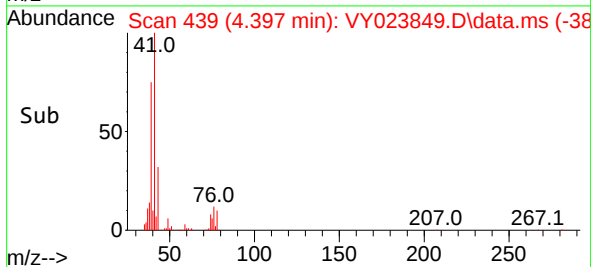
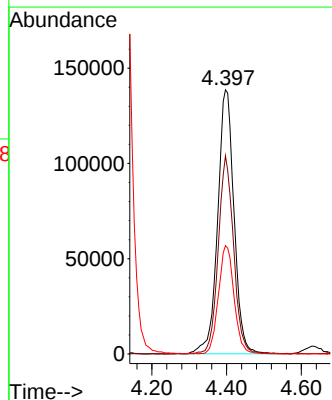
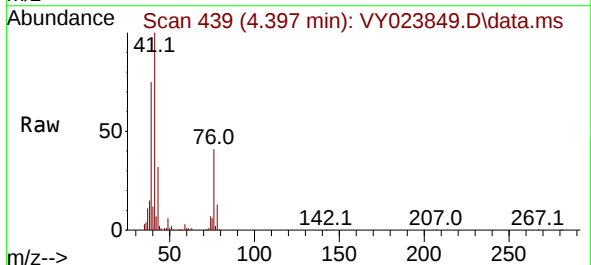
Instrument :
MSVOA_Y
ClientSampleId :

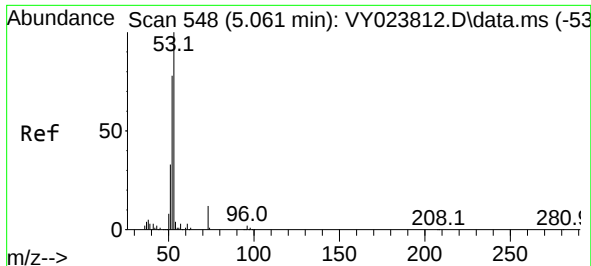
Tgt Ion: 56 Resp: 136936
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7



#14
Allyl chloride
Concen: 54.586 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

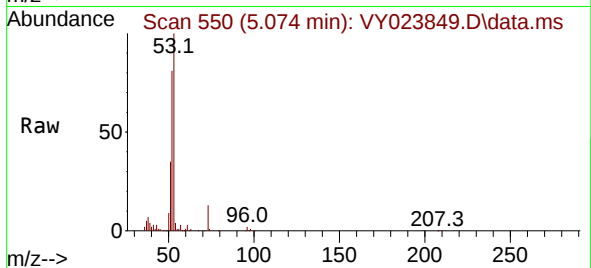
Tgt Ion: 41 Resp: 422349
Ion Ratio Lower Upper
41 100
39 70.4 54.1 81.1
76 38.9 31.0 46.6



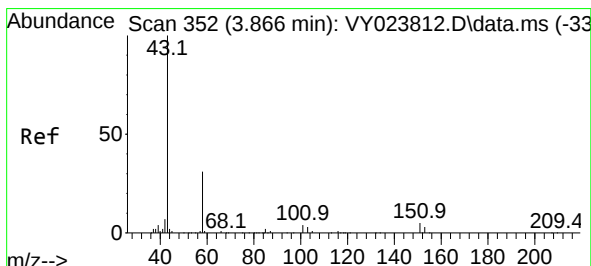
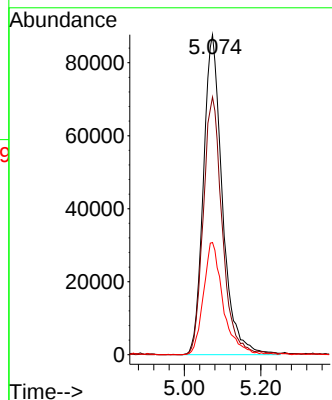
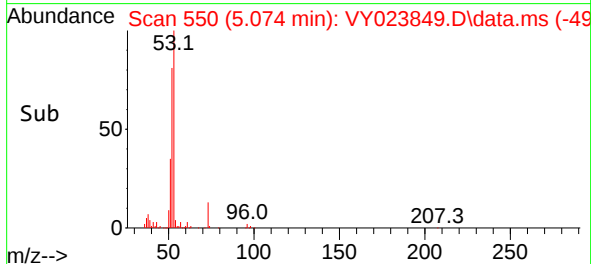


#15
Acrylonitrile
Concen: 261.185 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

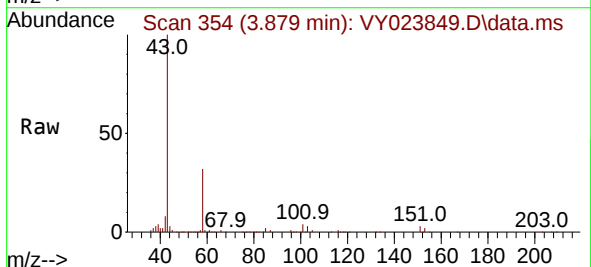
Instrument :
MSVOA_Y
ClientSampleId :



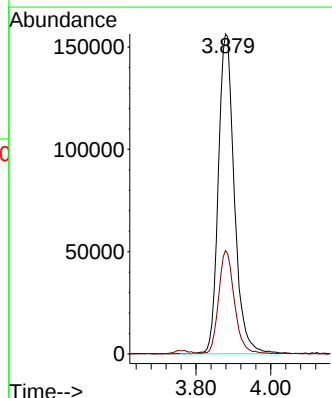
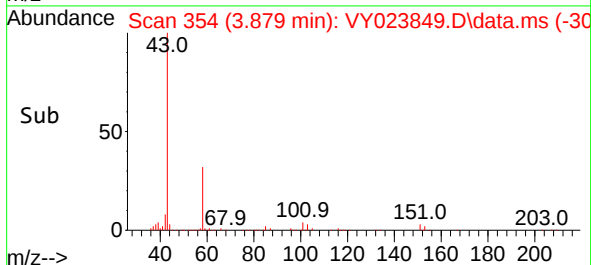
Tgt Ion: 53 Resp: 302003
Ion Ratio Lower Upper
53 100
52 80.6 64.0 96.0
51 36.3 28.7 43.1

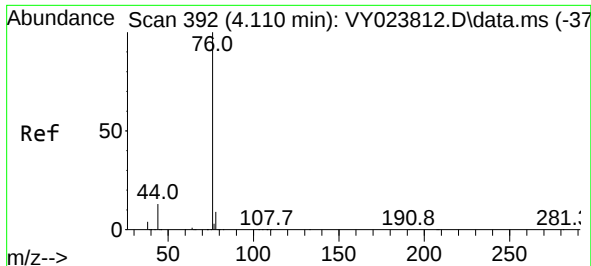


#16
Acetone
Concen: 327.824 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14



Tgt Ion: 43 Resp: 463995
Ion Ratio Lower Upper
43 100
58 32.1 25.4 38.2

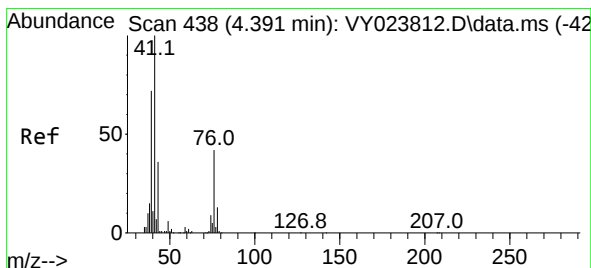
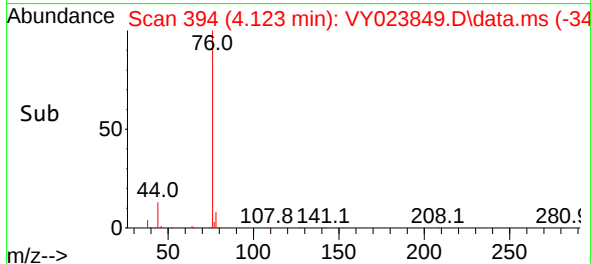
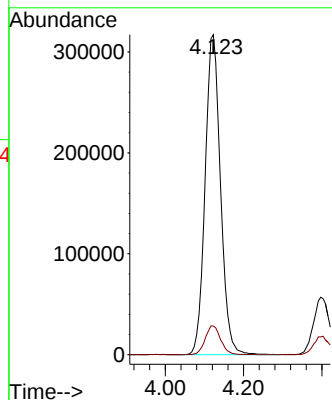
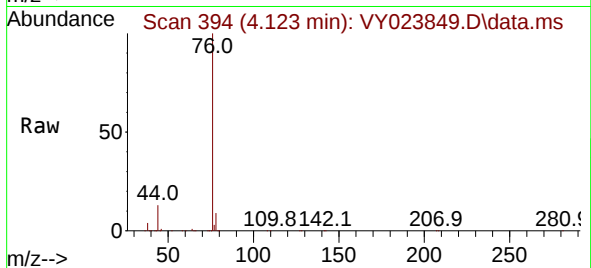




#17
Carbon Disulfide
Concen: 54.723 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

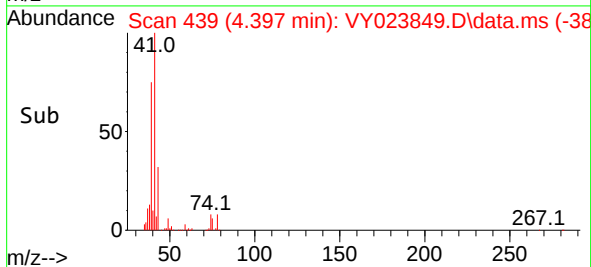
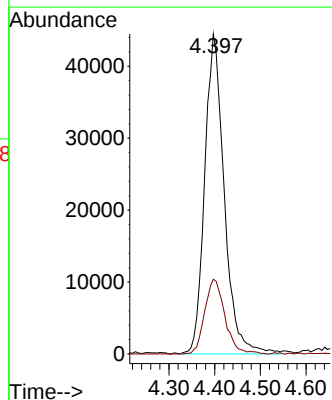
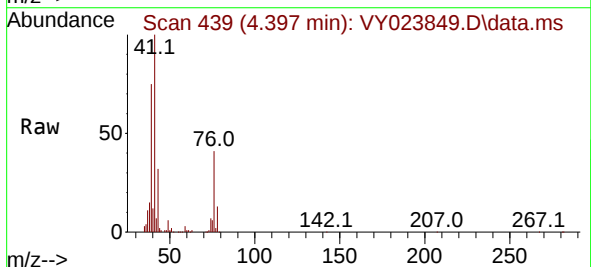
Instrument :
MSVOA_Y
ClientSampleId :

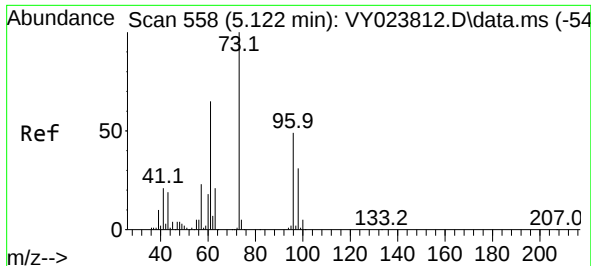
Tgt Ion: 76 Resp: 862544
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 48.443 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 43 Resp: 132411
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.8

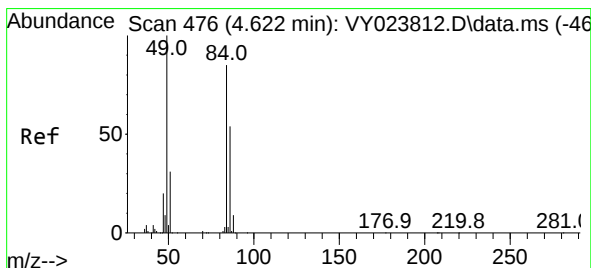
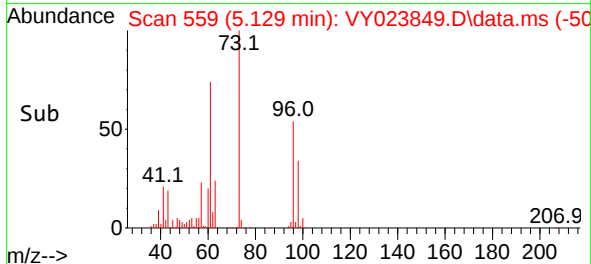
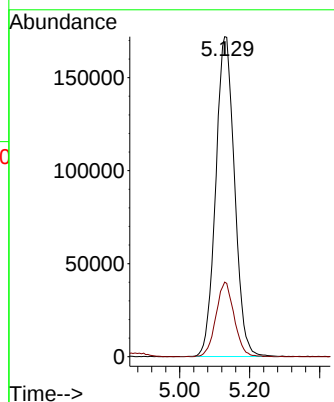
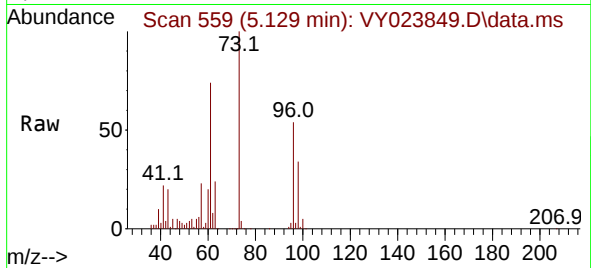




#19
Methyl tert-butyl Ether
Concen: 51.485 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

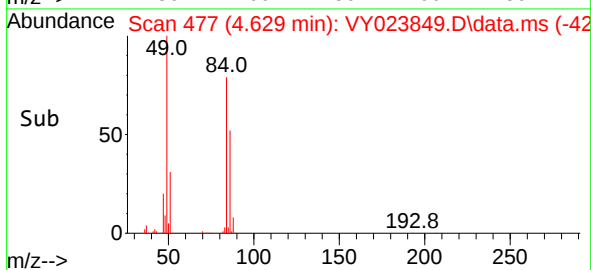
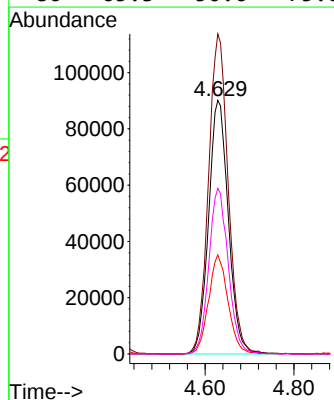
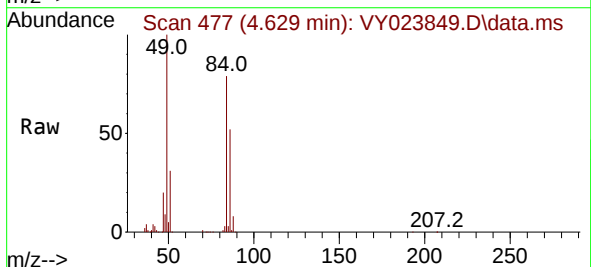
Instrument :
MSVOA_Y
ClientSampleId :

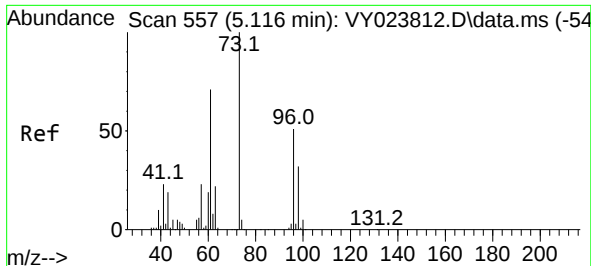
Tgt Ion: 73 Resp: 642600
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6



#20
Methylene Chloride
Concen: 46.454 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 84 Resp: 277971
Ion Ratio Lower Upper
84 100
49 126.2 94.0 141.0
51 39.1 29.2 43.8
86 65.3 50.6 75.8

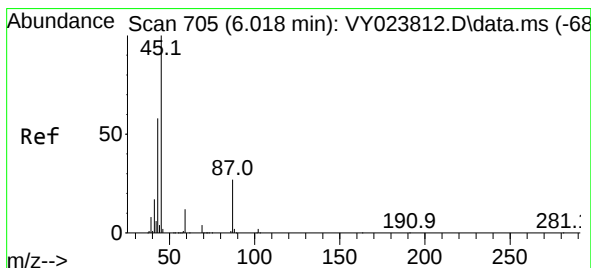
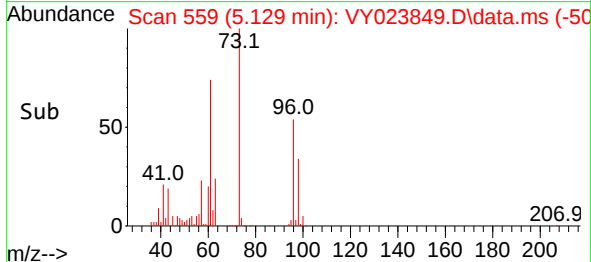
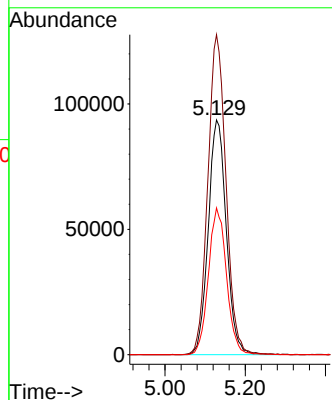
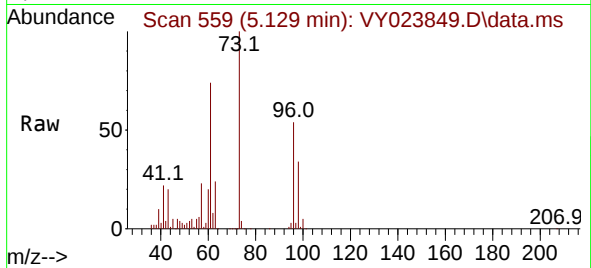




#21
trans-1,2-Dichloroethene
Concen: 54.202 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

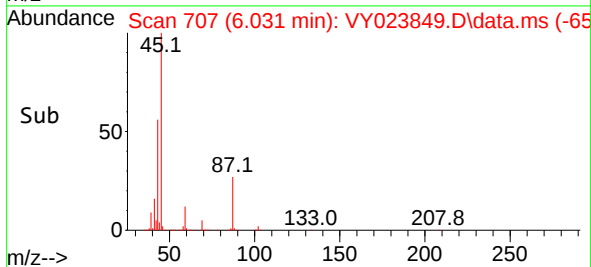
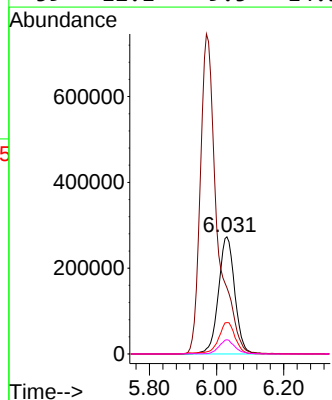
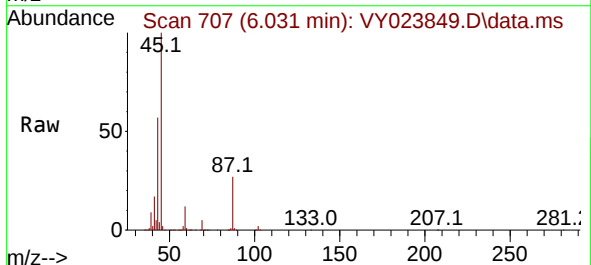
Instrument :
MSVOA_Y
ClientSampleId :

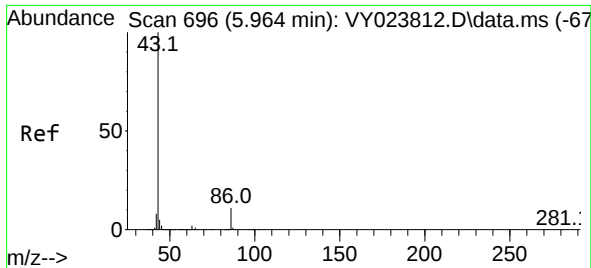
Tgt Ion: 96 Resp: 293100
Ion Ratio Lower Upper
96 100
61 136.3 111.2 166.8
98 62.5 50.5 75.7



#22
Diisopropyl ether
Concen: 55.103 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 45 Resp: 921879
Ion Ratio Lower Upper
45 100
43 56.5 46.4 69.6
87 26.7 22.1 33.1
59 12.1 9.5 14.3

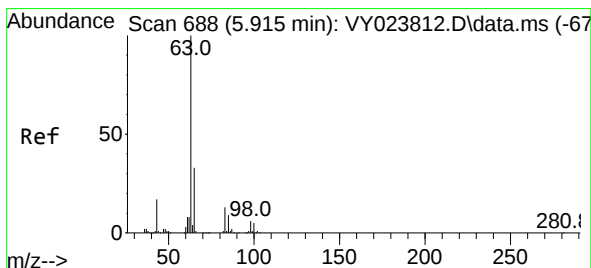
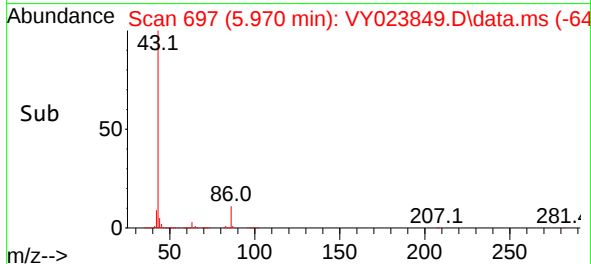
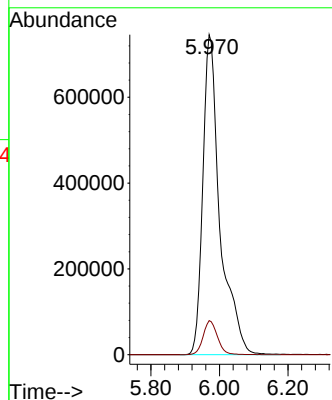
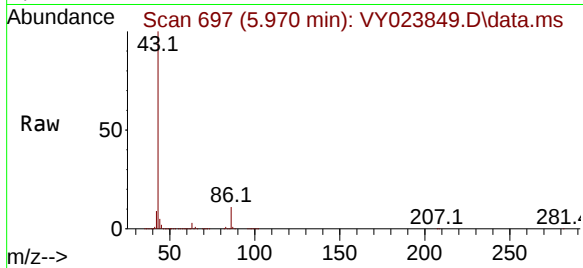




#23
 Vinyl Acetate
 Concen: 279.332 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023849.D
 Acq: 02 Dec 2025 09:14

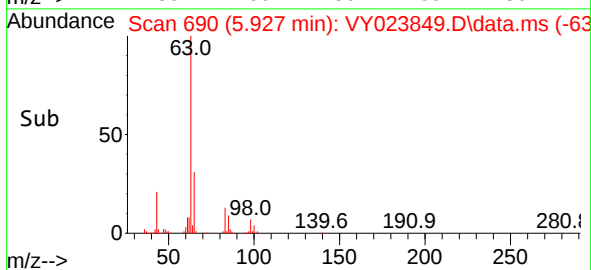
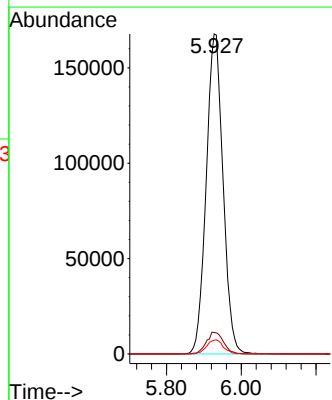
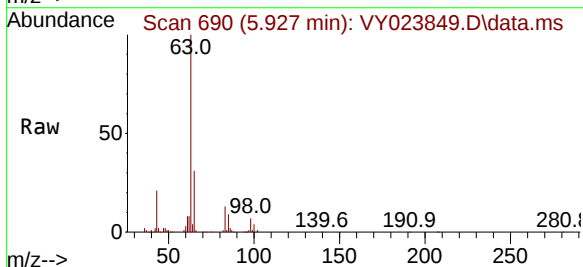
Instrument :
 MSVOA_Y
 ClientSampleId :

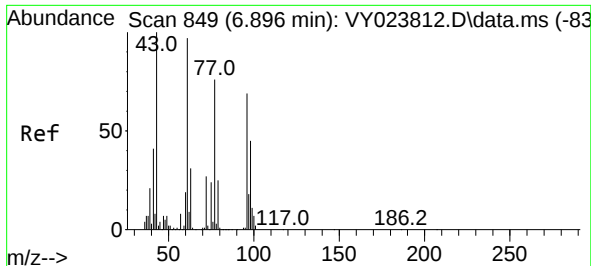
Tgt Ion: 43 Resp: 2598730
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 53.143 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY023849.D
 Acq: 02 Dec 2025 09:14

Tgt Ion: 63 Resp: 523032
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.8
 100 4.3 2.3 6.9





#25

2-Butanone

Concen: 293.136 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

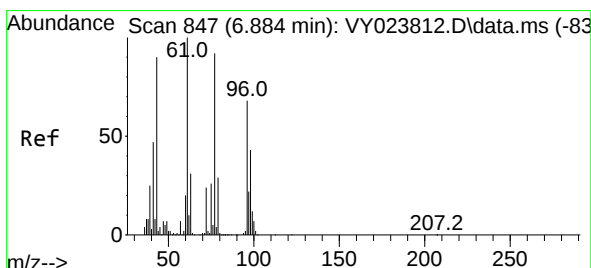
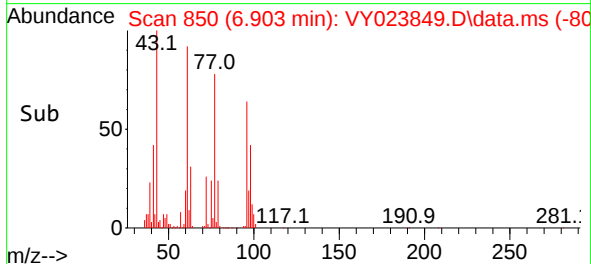
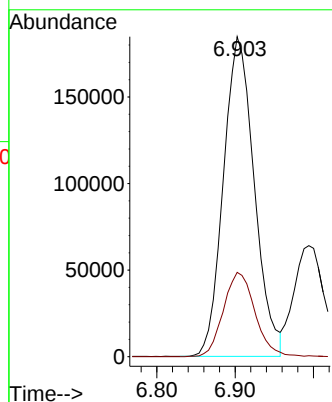
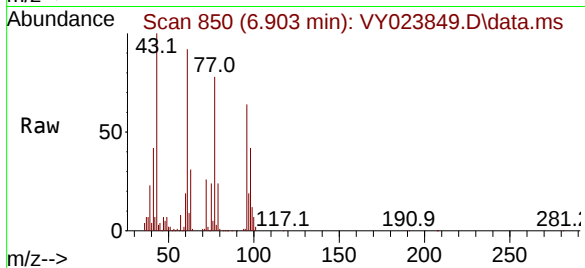
ClientSampleId :

Tgt Ion: 43 Resp: 506337

Ion Ratio Lower Upper

43 100

72 26.4 21.3 31.9



#26

2,2-Dichloropropane

Concen: 53.331 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023849.D

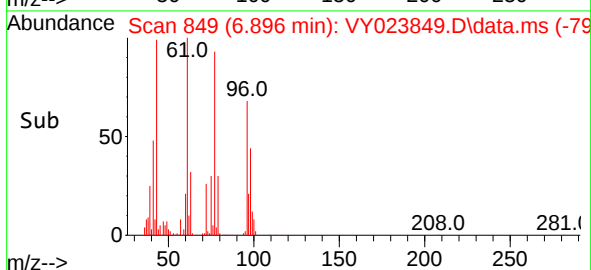
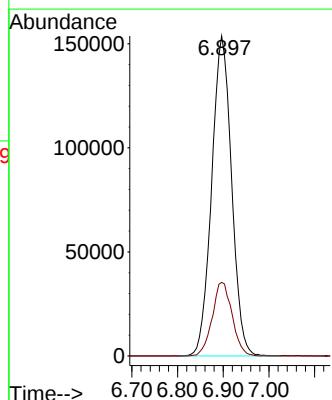
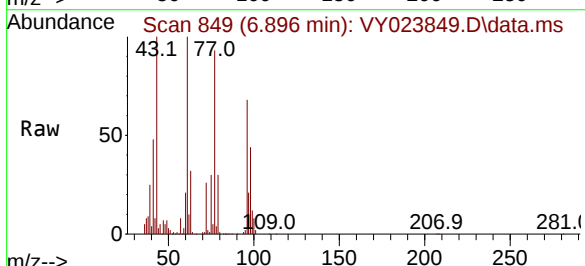
Acq: 02 Dec 2025 09:14

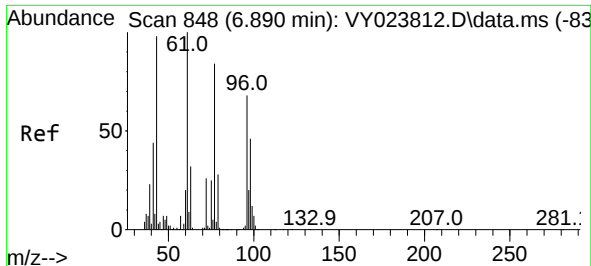
Tgt Ion: 77 Resp: 465248

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 52.505 ug/l

RT: 6.903 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

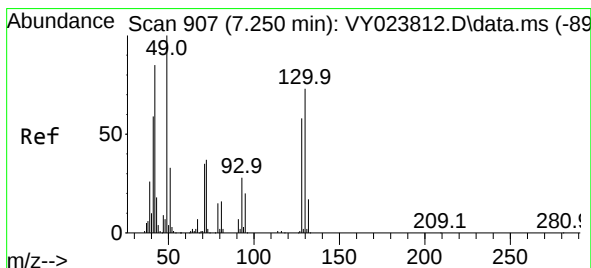
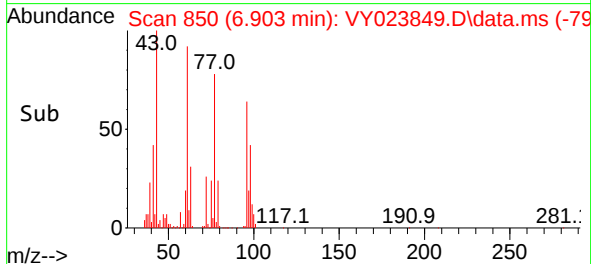
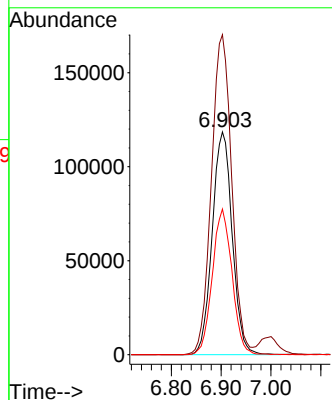
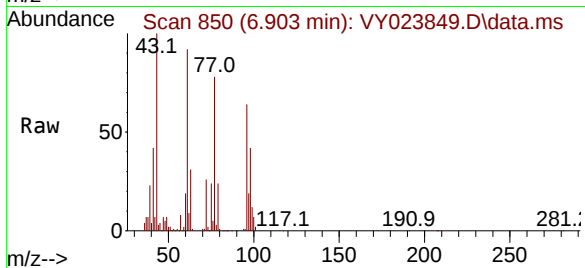
Tgt Ion: 96 Resp: 329709

Ion Ratio Lower Upper

96 100

61 145.8 0.0 291.2

98 64.4 0.0 128.6



#28

Bromochloromethane

Concen: 50.082 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

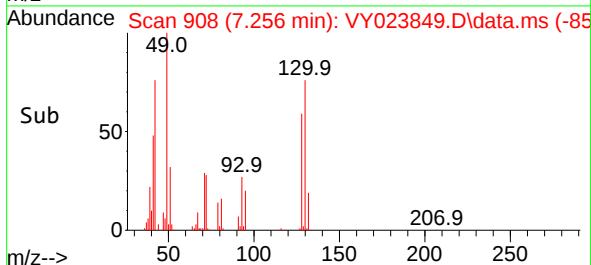
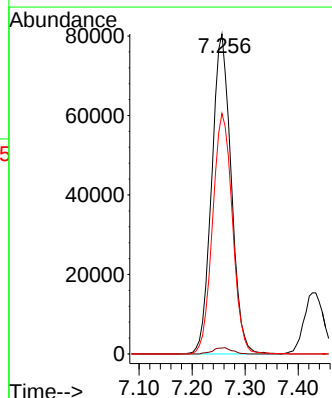
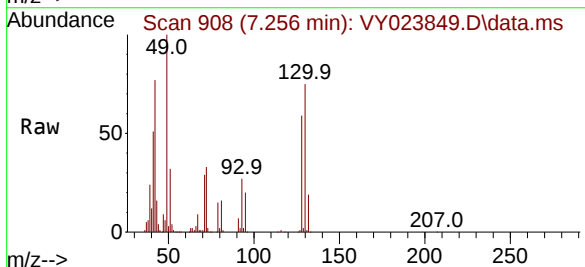
Tgt Ion: 49 Resp: 205034

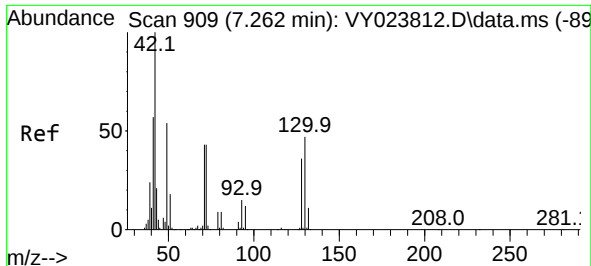
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 76.6 61.4 92.2

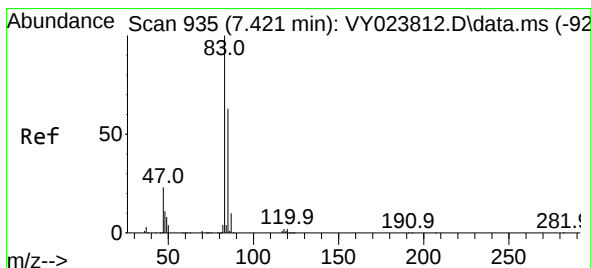
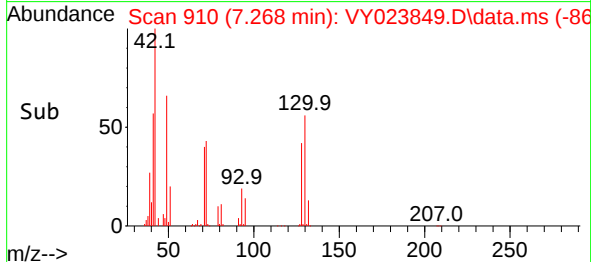
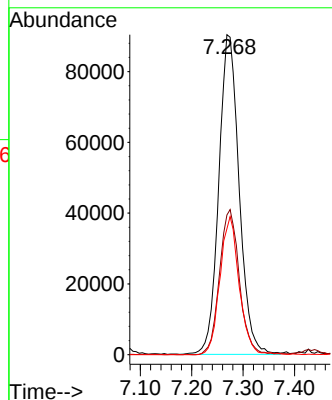
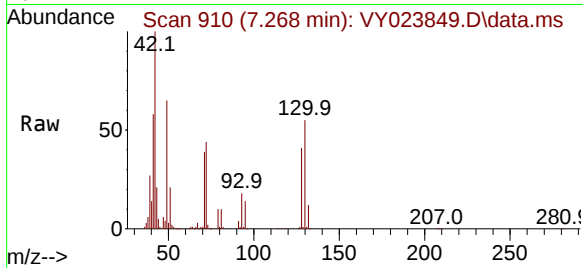




#29
Tetrahydrofuran
Concen: 257.786 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

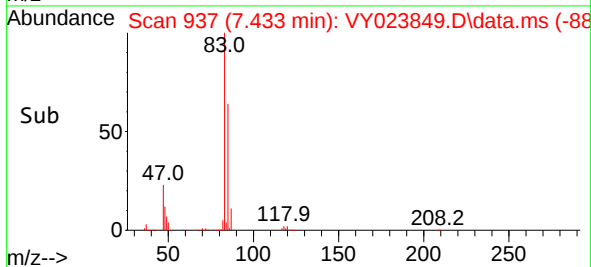
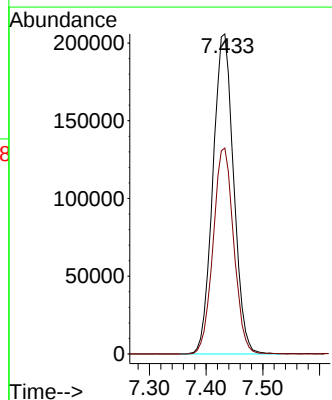
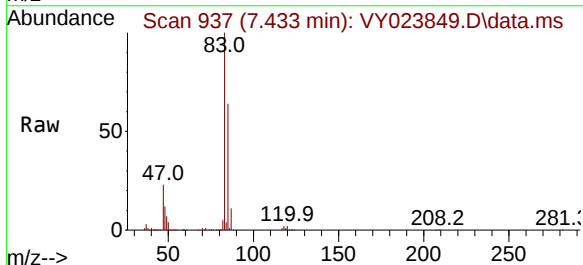
Instrument :
MSVOA_Y
ClientSampleId :

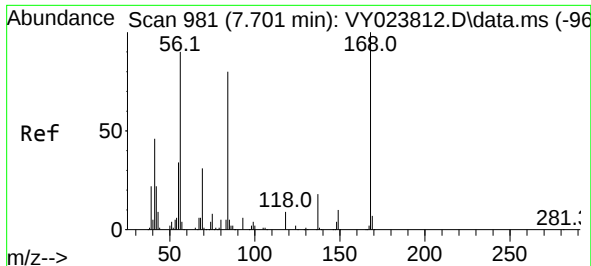
Tgt Ion: 42 Resp: 248351
Ion Ratio Lower Upper
42 100
72 44.2 35.9 53.9
71 40.8 33.3 49.9



#30
Chloroform
Concen: 52.758 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 83 Resp: 522118
Ion Ratio Lower Upper
83 100
85 64.4 50.6 76.0

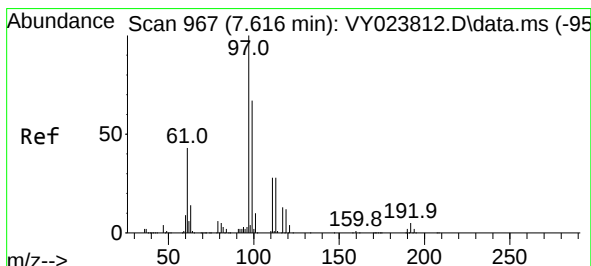
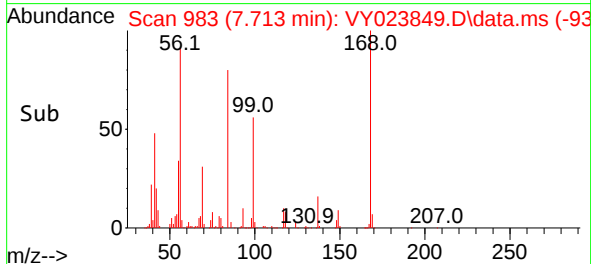
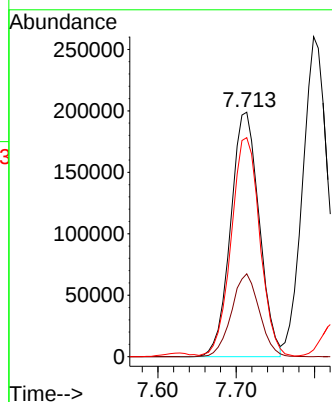
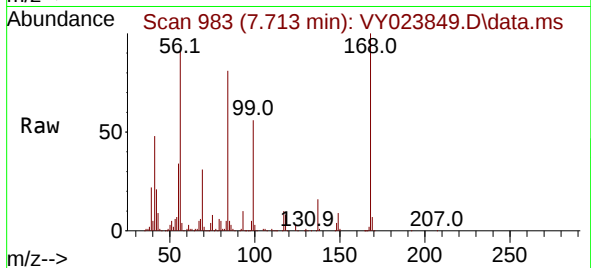




#31
Cyclohexane
Concen: 53.374 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

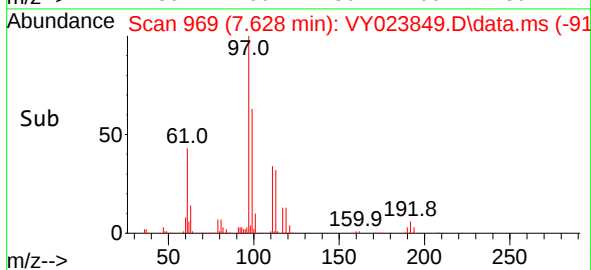
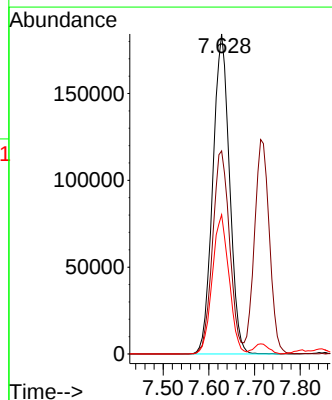
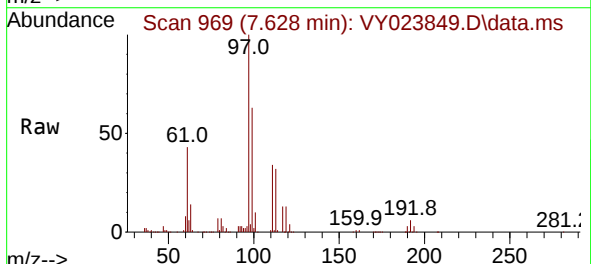
Instrument :
MSVOA_Y
ClientSampleId :

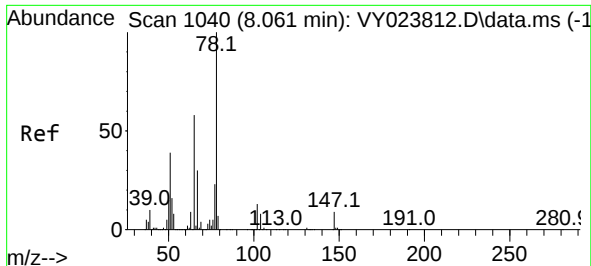
Tgt Ion: 56 Resp: 504095
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.6
84 88.1 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 53.286 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 97 Resp: 468095
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 43.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.801 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

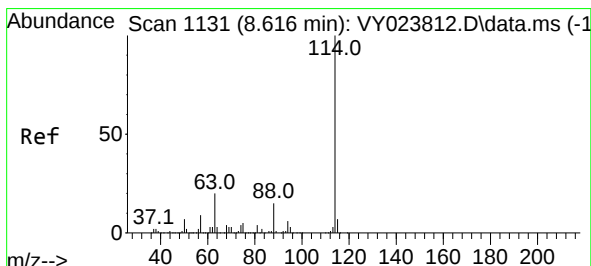
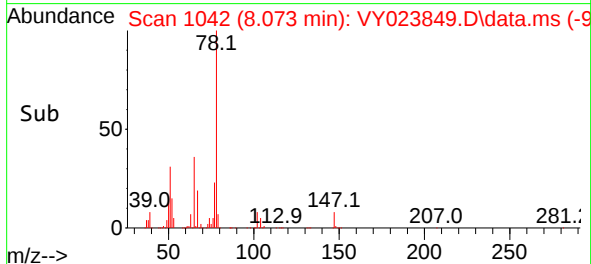
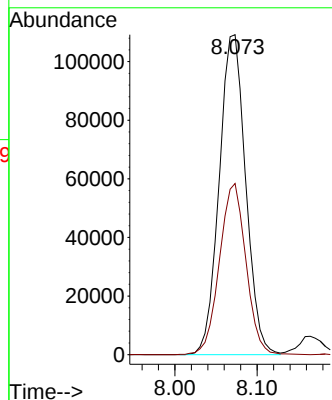
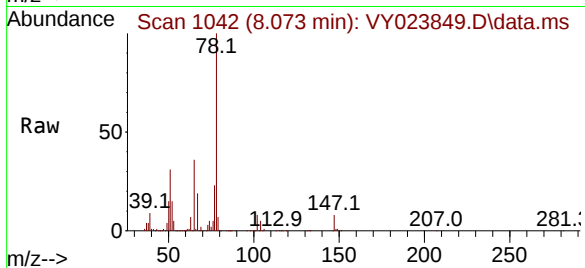
ClientSampleId :

Tgt Ion: 65 Resp: 244651

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

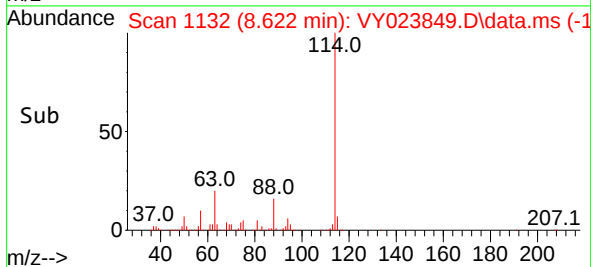
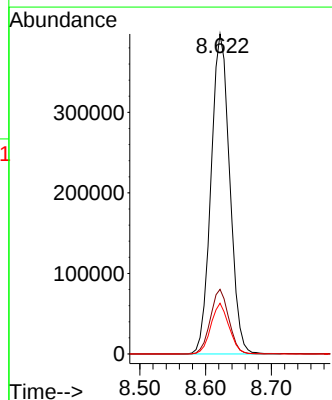
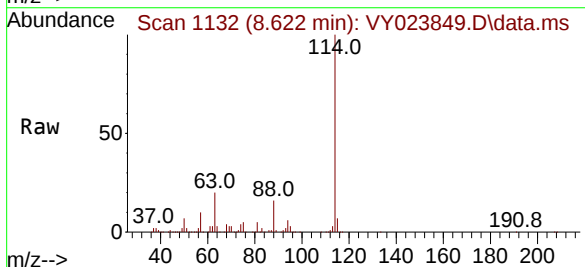
Tgt Ion:114 Resp: 785836

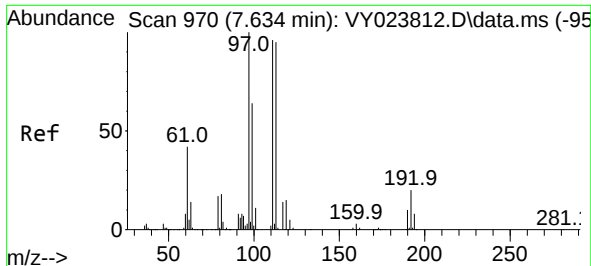
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

88 15.9 0.0 30.8

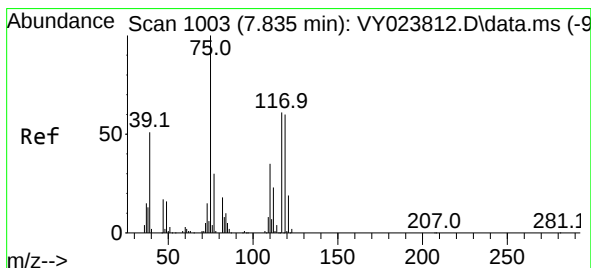
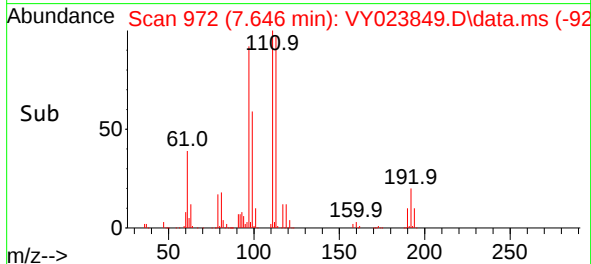
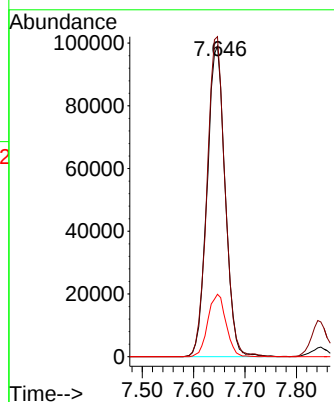
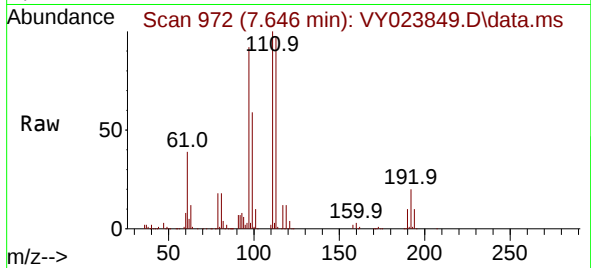




#35
Dibromofluoromethane
Concen: 51.833 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

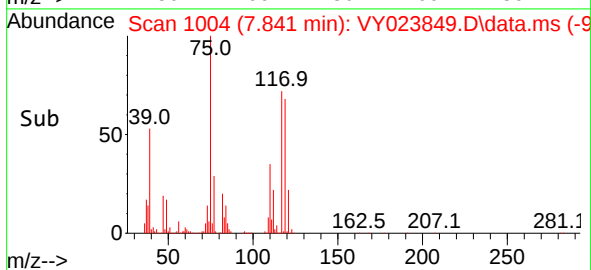
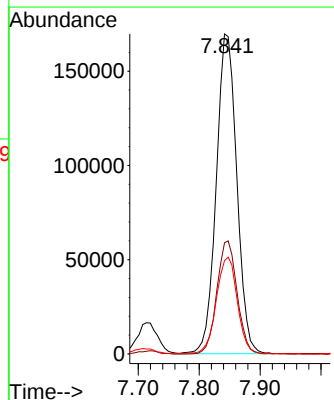
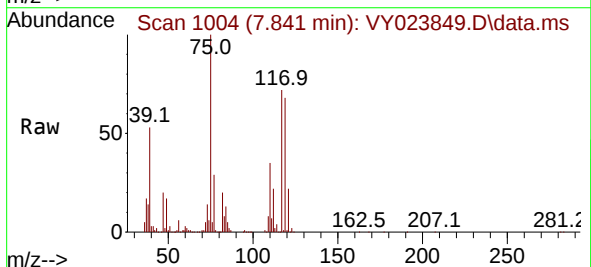
Instrument :
MSVOA_Y
ClientSampleId :

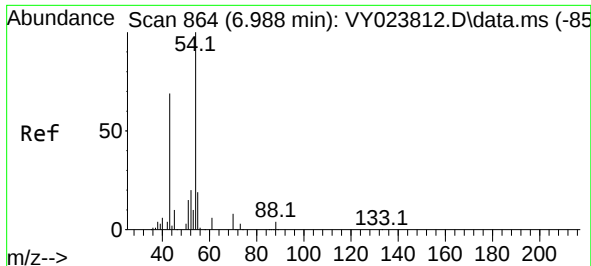
Tgt Ion:113 Resp: 241293
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 20.1 15.8 23.8



#36
1,1-Dichloropropene
Concen: 55.601 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 75 Resp: 396859
Ion Ratio Lower Upper
75 100
110 34.7 17.6 52.8
77 30.8 24.9 37.3





#37

Ethyl Acetate

Concen: 53.631 ug/l

RT: 6.994 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

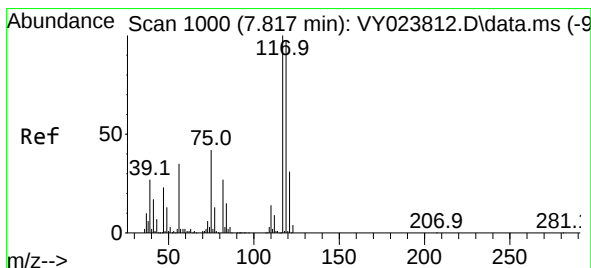
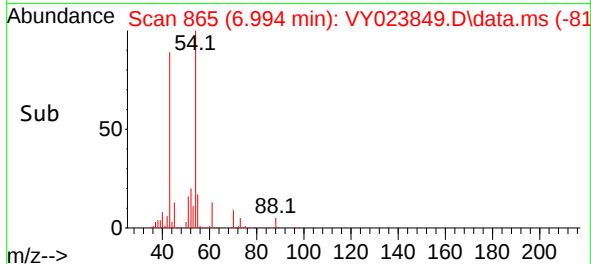
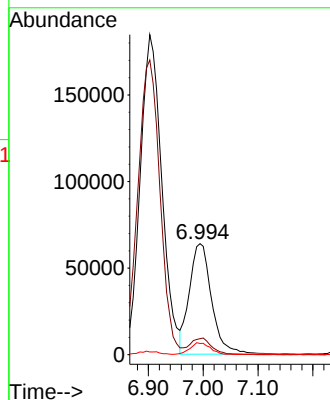
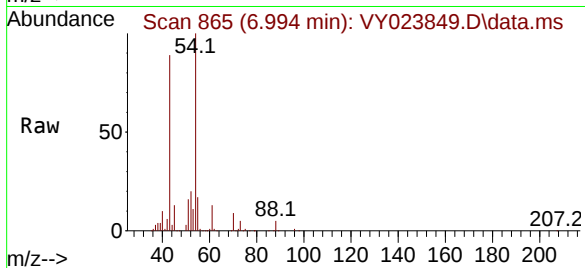
Tgt Ion: 43 Resp: 180055

Ion Ratio Lower Upper

43 100

61 14.7 11.0 16.6

70 9.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 54.541 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

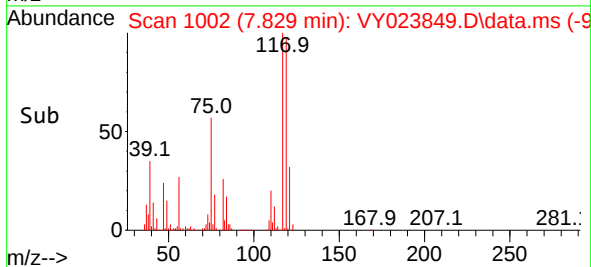
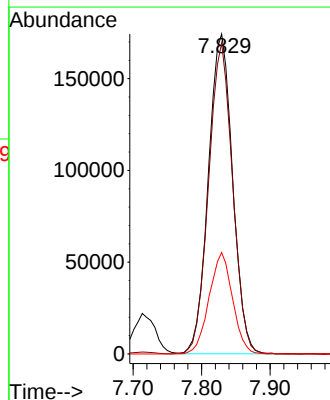
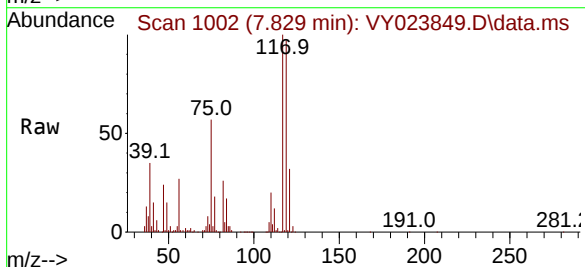
Tgt Ion: 117 Resp: 427308

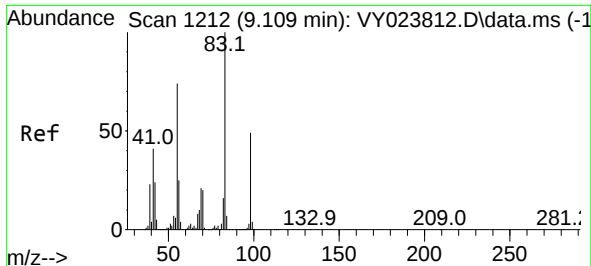
Ion Ratio Lower Upper

117 100

119 97.2 77.3 115.9

121 31.6 25.0 37.6





#39

Methylcyclohexane

Concen: 54.967 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

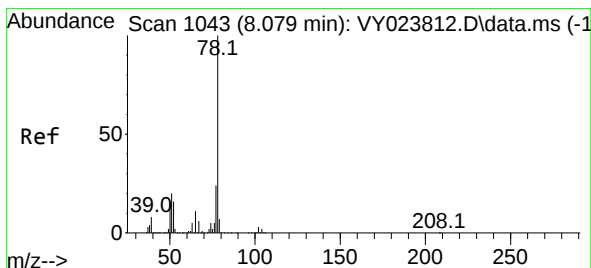
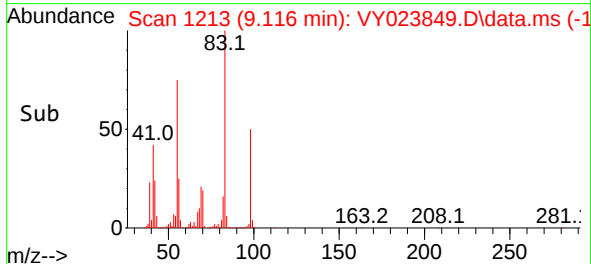
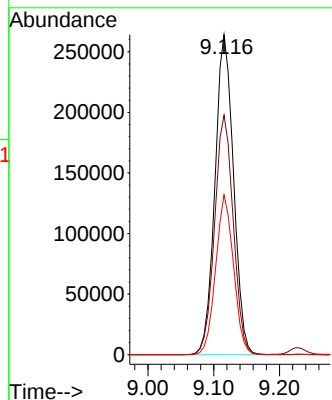
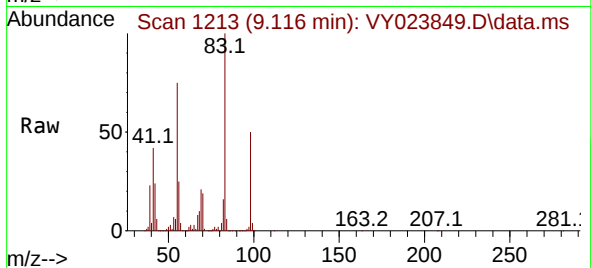
Tgt Ion: 83 Resp: 518156

Ion Ratio Lower Upper

83 100

55 74.8 59.4 89.2

98 49.9 39.5 59.3



#40

Benzene

Concen: 54.363 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY023849.D

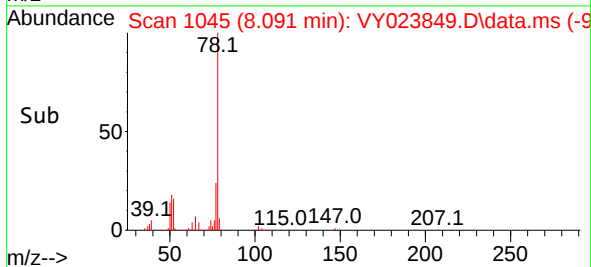
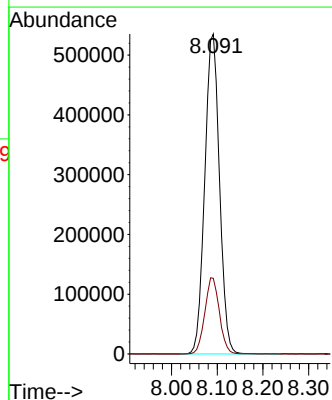
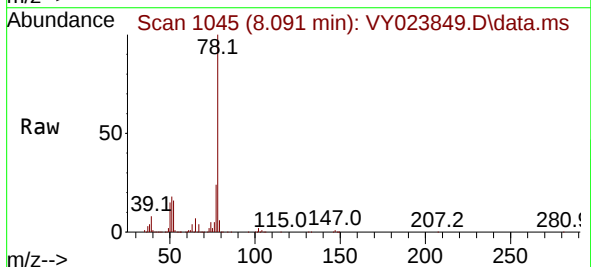
Acq: 02 Dec 2025 09:14

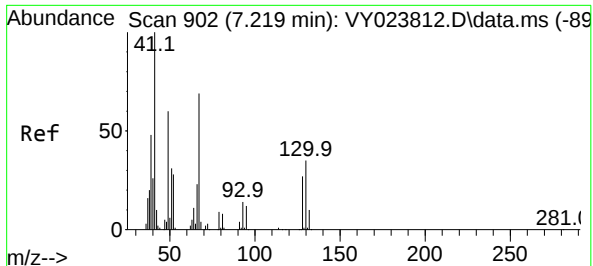
Tgt Ion: 78 Resp: 1194086

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

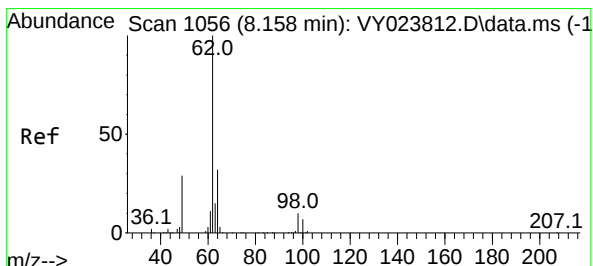
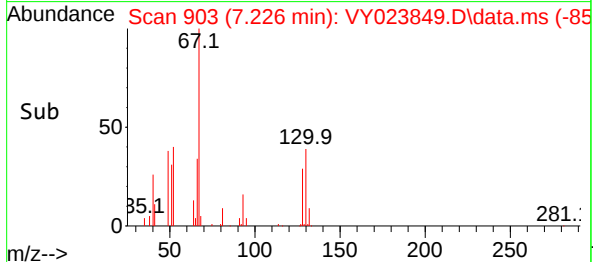
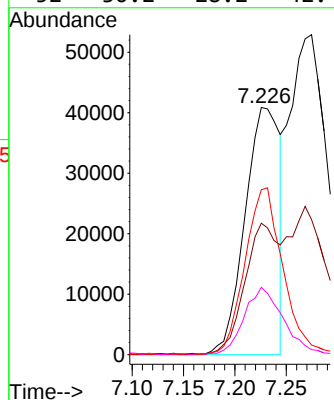
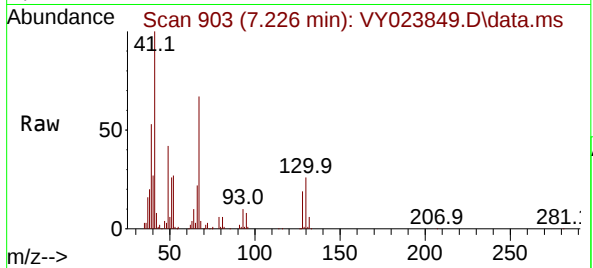




#41
Methacrylonitrile
Concen: 57.501 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

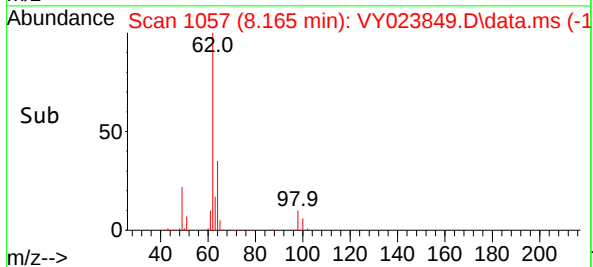
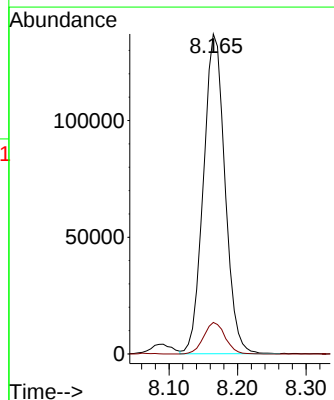
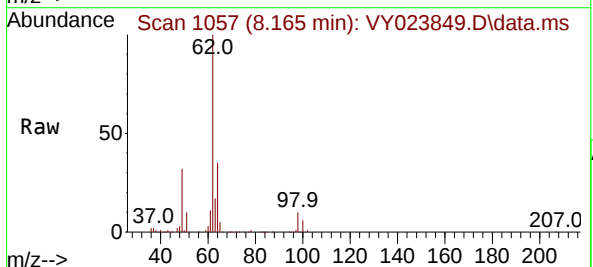
Instrument :
MSVOA_Y
ClientSampleId :

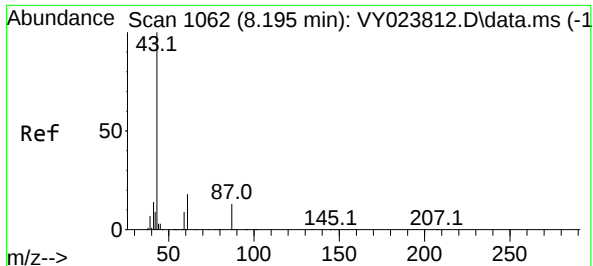
Tgt Ion: 41 Resp: 96378
Ion Ratio Lower Upper
41 100
39 51.9 40.6 61.0
67 73.9 67.9 101.9
52 30.2 28.2 42.4



#42
1,2-Dichloroethane
Concen: 52.894 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 62 Resp: 299520
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8

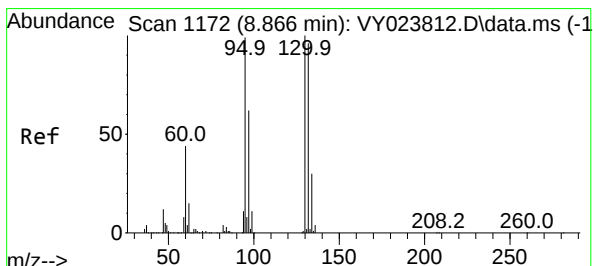
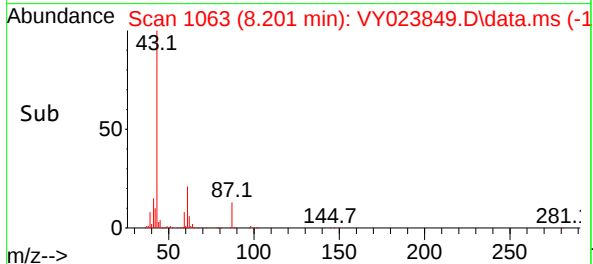
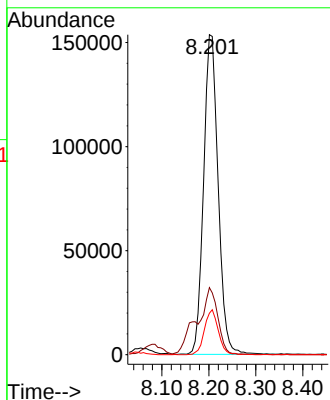
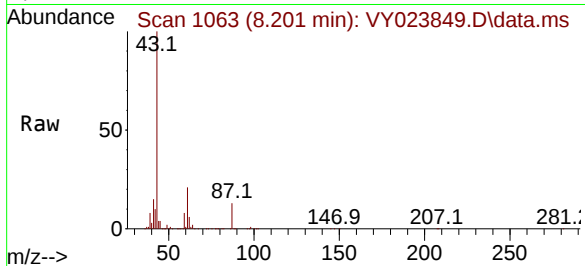




#43
Isopropyl Acetate
Concen: 52.530 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

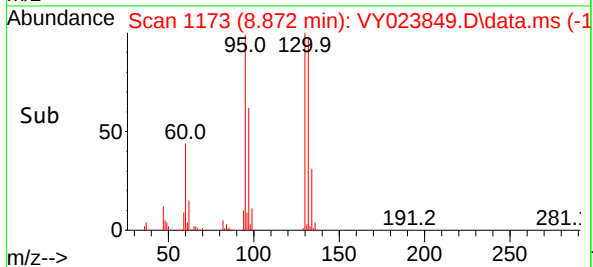
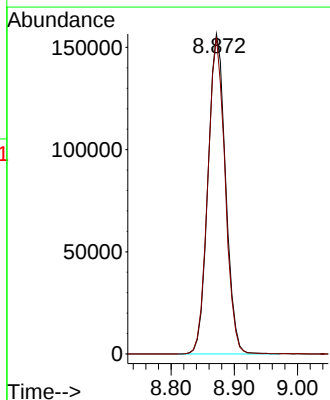
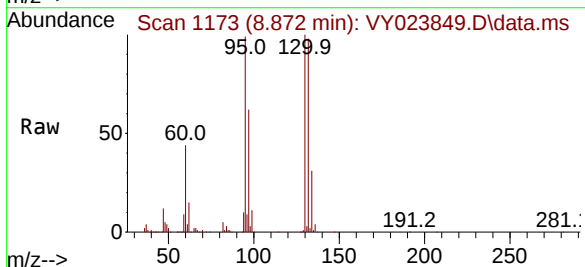
Instrument :
MSVOA_Y
ClientSampleId :

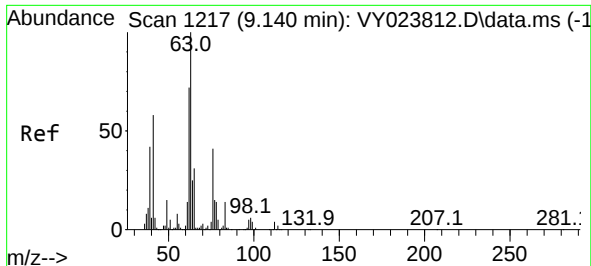
Tgt Ion: 43 Resp: 329575
Ion Ratio Lower Upper
43 100
61 21.1 24.3 36.5#
87 13.4 11.0 16.4



#44
Trichloroethene
Concen: 53.625 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion:130 Resp: 302214
Ion Ratio Lower Upper
130 100
95 99.1 0.0 197.8





#45

1,2-Dichloropropane

Concen: 54.198 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

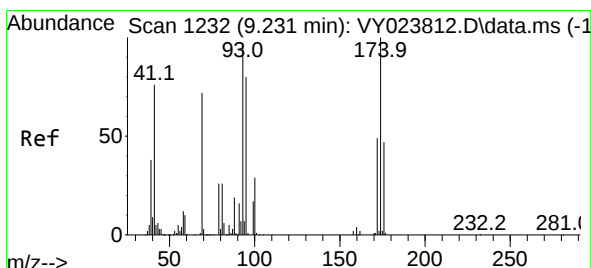
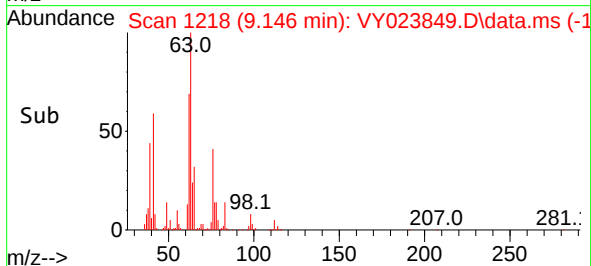
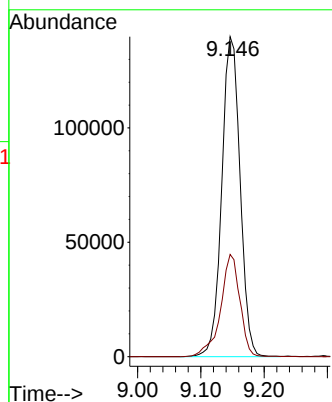
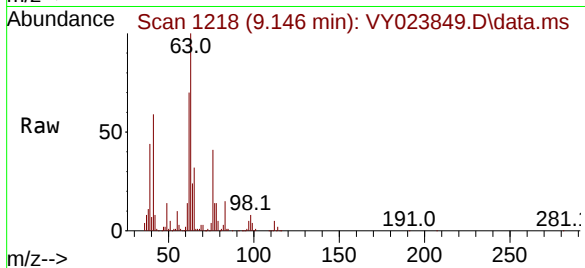
ClientSampleId :

Tgt Ion: 63 Resp: 280679

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.6



#46

Dibromomethane

Concen: 53.284 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

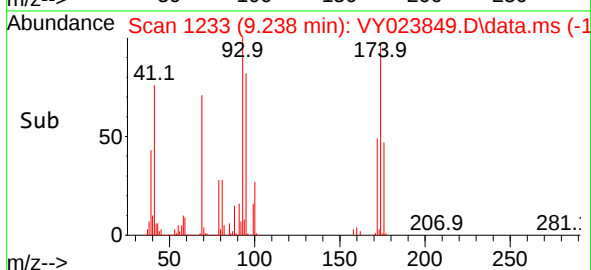
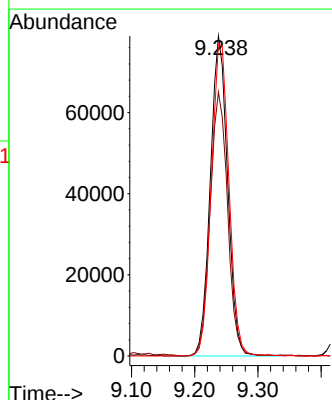
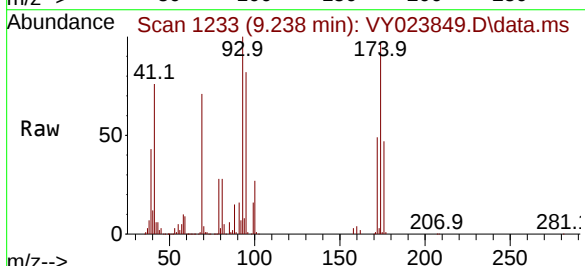
Tgt Ion: 93 Resp: 149734

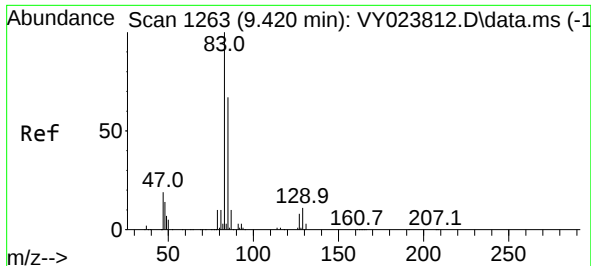
Ion Ratio Lower Upper

93 100

95 83.3 66.6 99.8

174 99.9 80.6 121.0





#47

Bromodichloromethane

Concen: 52.702 ug/l

RT: 9.433 min Scan# 1265

Delta R.T. 0.012 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

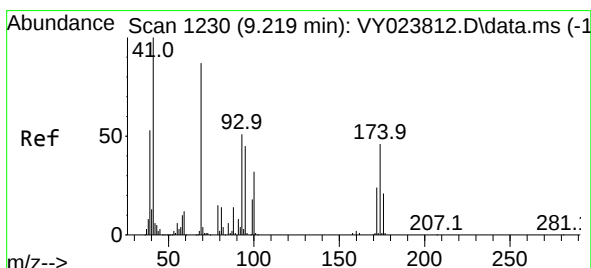
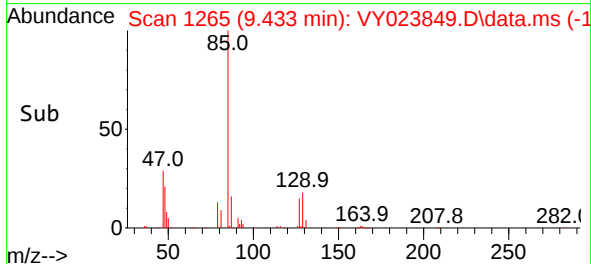
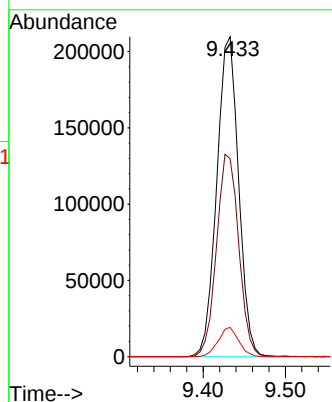
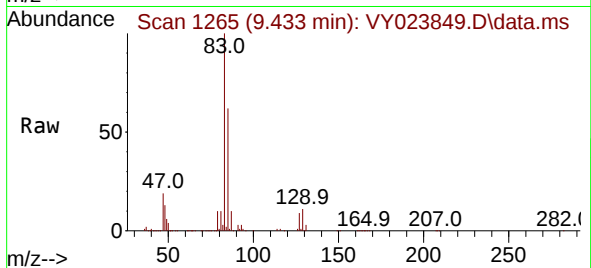
Tgt Ion: 83 Resp: 387041

Ion Ratio Lower Upper

83 100

85 61.8 53.7 80.5

127 9.2 6.6 10.0



#48

Methyl methacrylate

Concen: 54.739 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

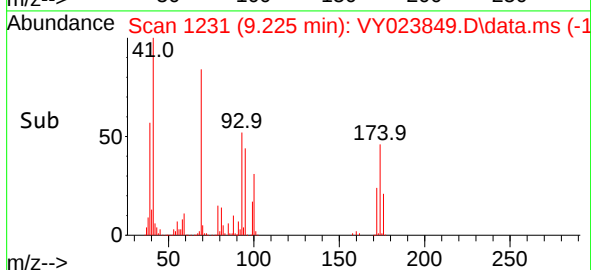
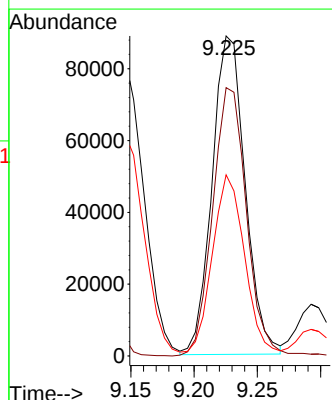
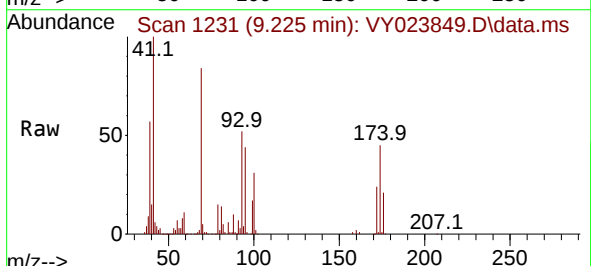
Tgt Ion: 41 Resp: 161695

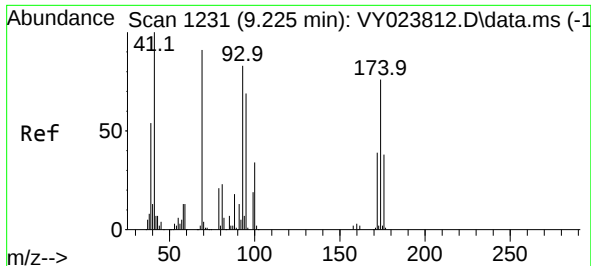
Ion Ratio Lower Upper

41 100

69 86.5 69.1 103.7

39 53.3 41.2 61.8





#49

1,4-Dioxane

Concen: 990.642 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

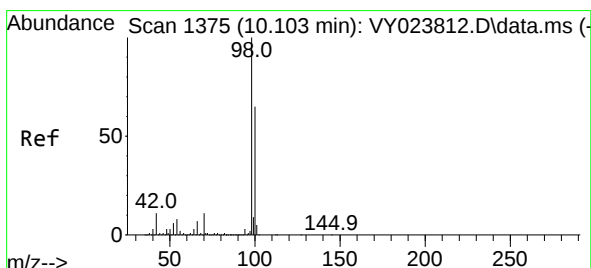
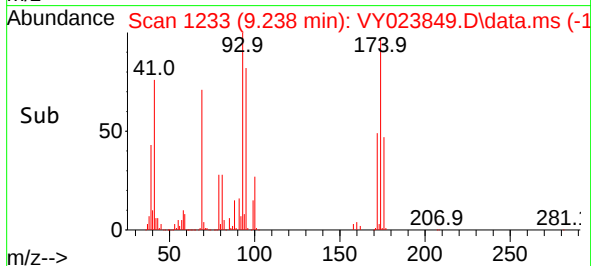
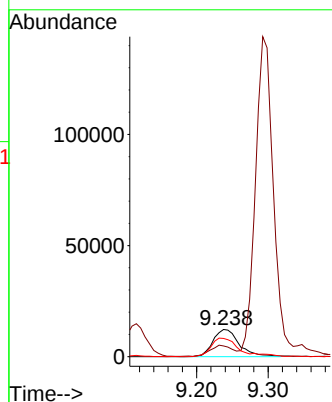
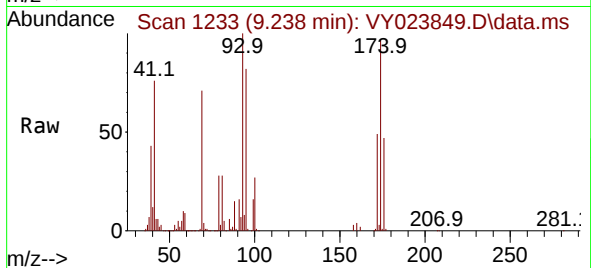
Tgt Ion: 88 Resp: 31199

Ion Ratio Lower Upper

88 100

43 34.2 24.6 37.0

58 73.1 53.4 80.2



#50

Toluene-d8

Concen: 51.535 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.012 min

Lab File: VY023849.D

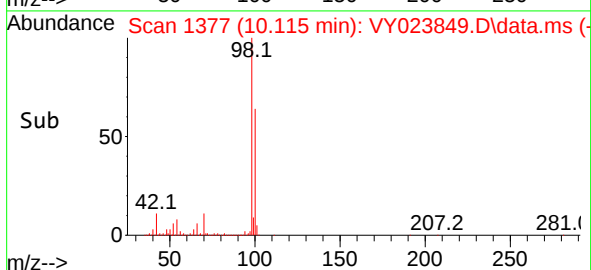
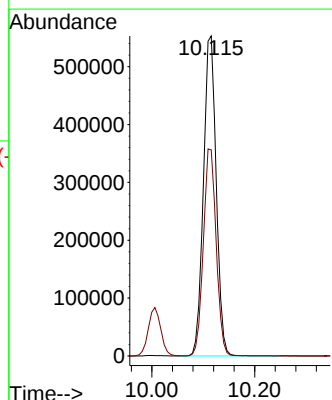
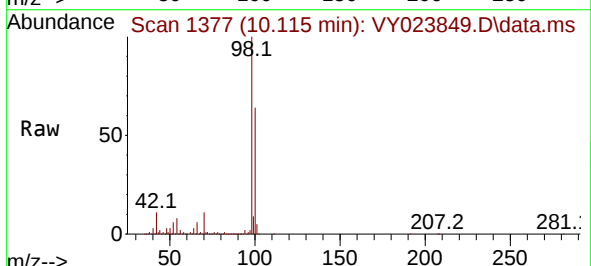
Acq: 02 Dec 2025 09:14

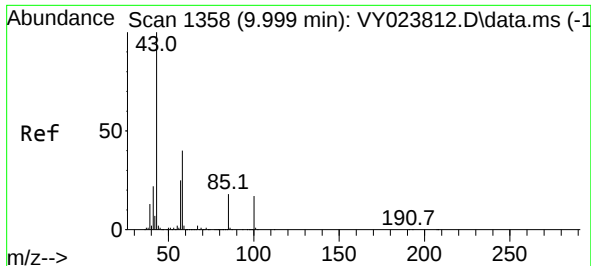
Tgt Ion: 98 Resp: 952903

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 269.322 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

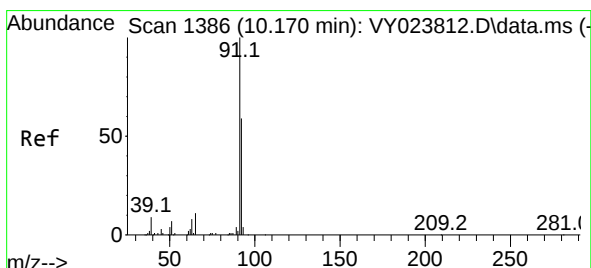
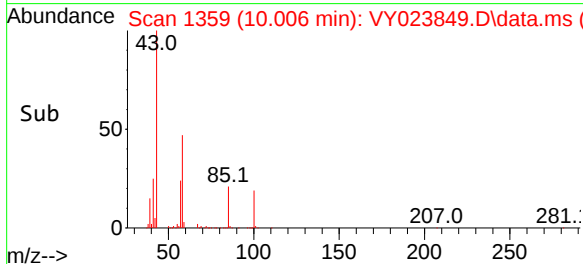
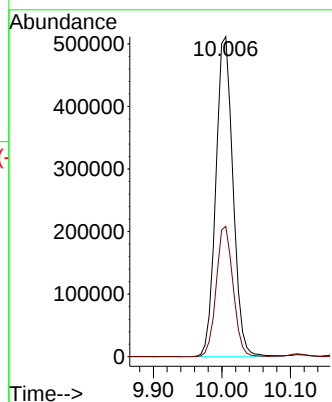
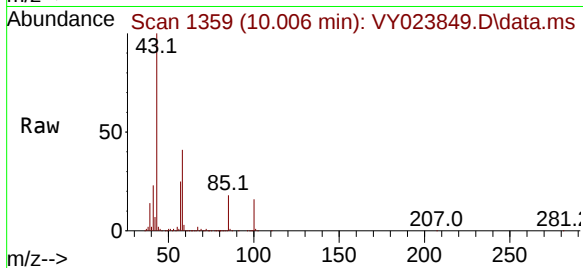
ClientSampleId :

Tgt Ion: 43 Resp: 889524

Ion Ratio Lower Upper

43 100

58 40.1 32.4 48.6



#52

Toluene

Concen: 55.421 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY023849.D

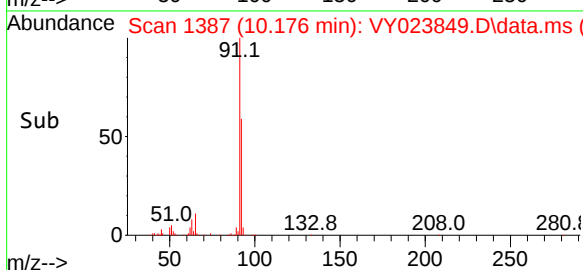
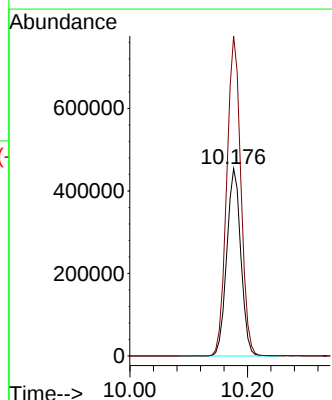
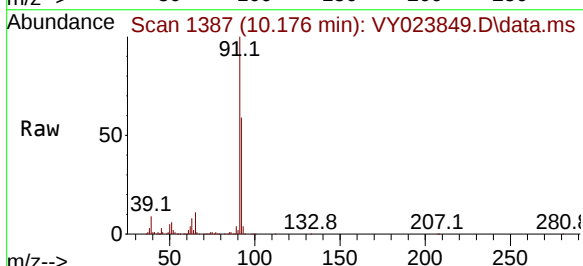
Acq: 02 Dec 2025 09:14

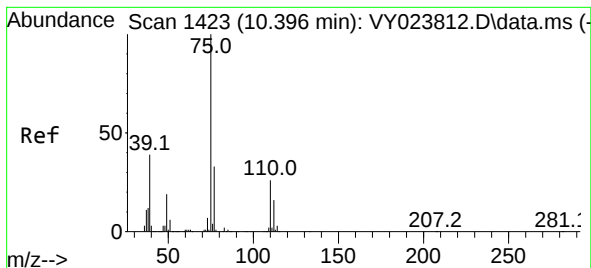
Tgt Ion: 92 Resp: 754644

Ion Ratio Lower Upper

92 100

91 171.2 136.8 205.2

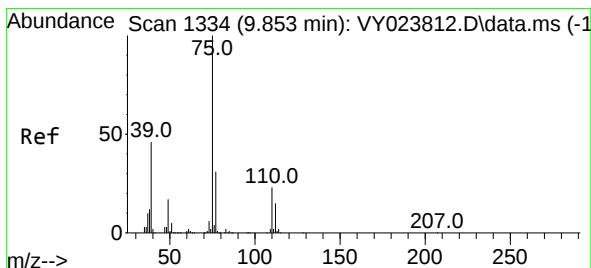
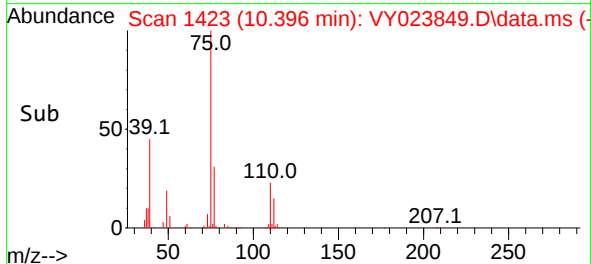
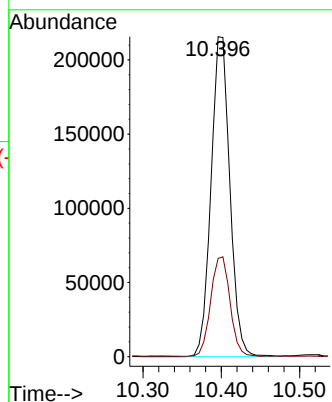
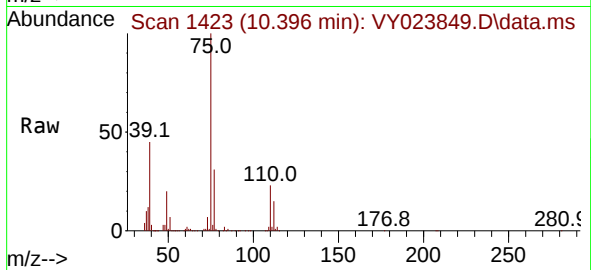




#53
 t-1,3-Dichloropropene
 Concen: 53.539 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023849.D
 Acq: 02 Dec 2025 09:14

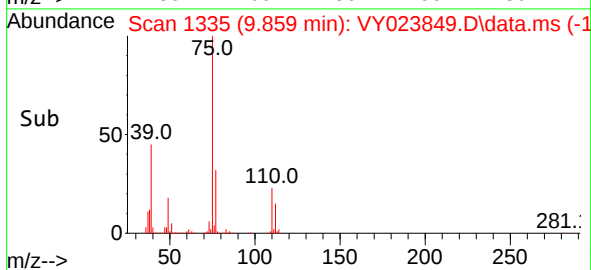
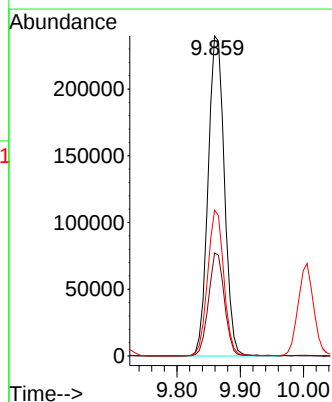
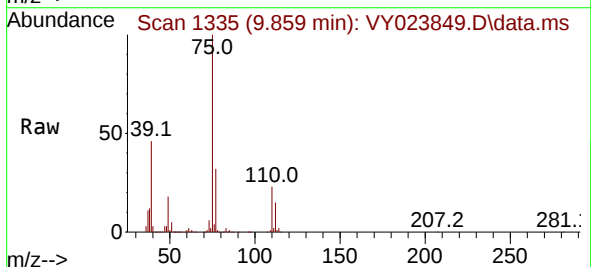
Instrument :
 MSVOA_Y
 ClientSampleId :

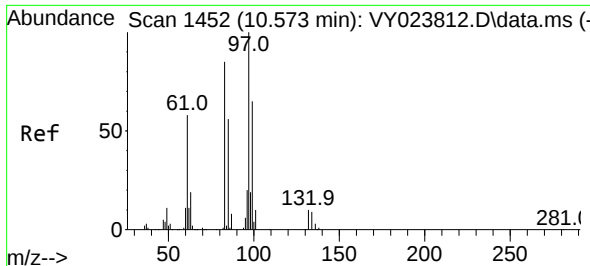
Tgt Ion: 75 Resp: 360176
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 53.393 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023849.D
 Acq: 02 Dec 2025 09:14

Tgt Ion: 75 Resp: 429962
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.8 37.2
 39 45.4 36.6 55.0



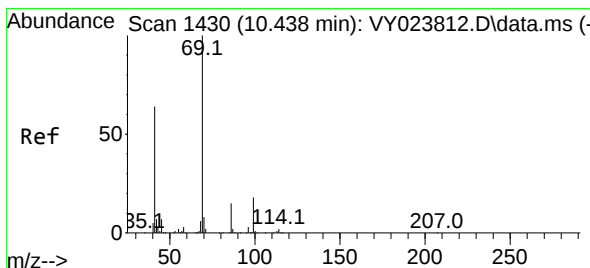
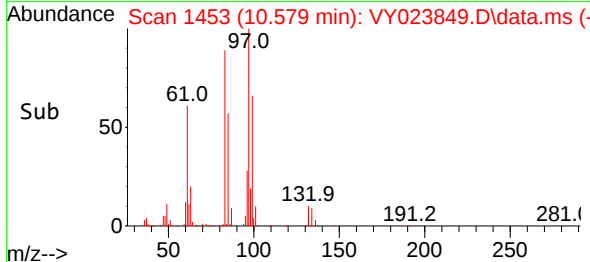
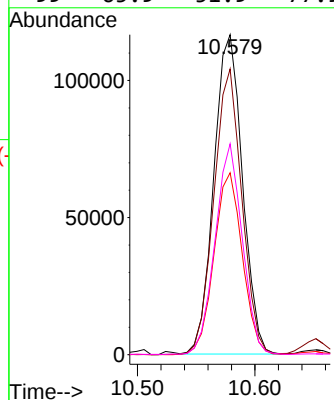
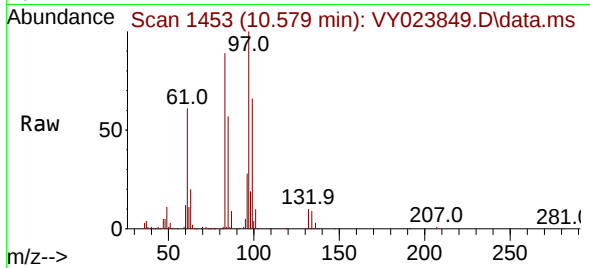


#55
 1,1,2-Trichloroethane
 Concen: 52.319 ug/l
 RT: 10.579 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: VY023849.D
 Acq: 02 Dec 2025 09:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 97 Resp: 196946

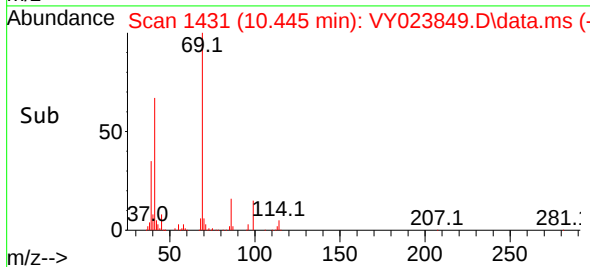
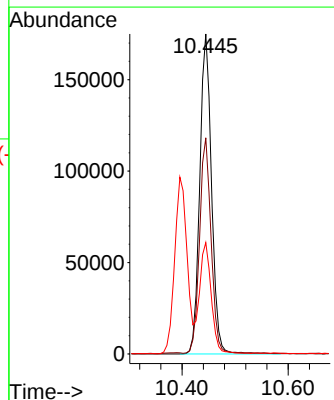
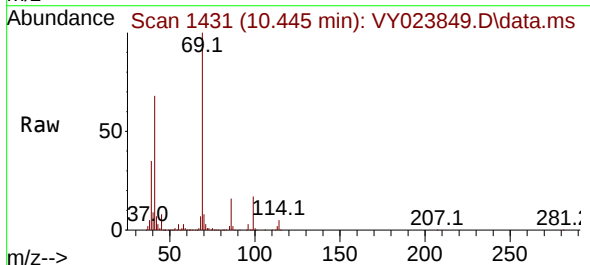
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.1	102.1
85	56.8	45.0	67.4
99	65.9	51.9	77.9

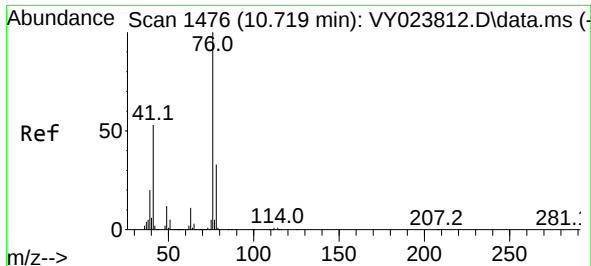


#56
 Ethyl methacrylate
 Concen: 54.626 ug/l
 RT: 10.445 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VY023849.D
 Acq: 02 Dec 2025 09:14

Tgt Ion: 69 Resp: 270002

Ion	Ratio	Lower	Upper
69	100		
41	65.7	50.9	76.3
39	34.6	26.6	40.0





#57

1,3-Dichloropropane

Concen: 53.213 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

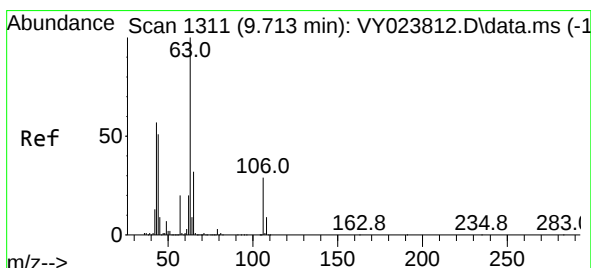
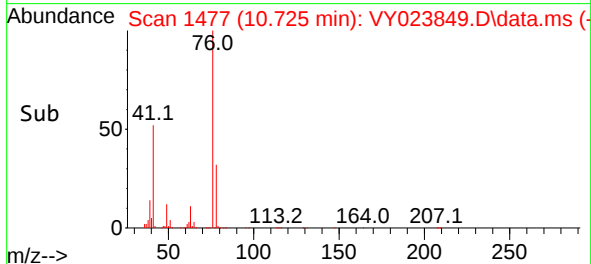
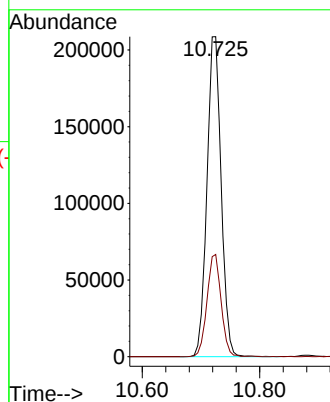
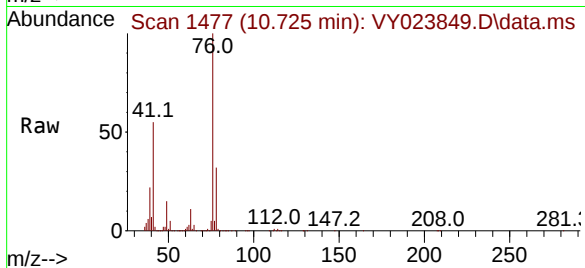
ClientSampleId :

Tgt Ion: 76 Resp: 349429

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 227.581 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY023849.D

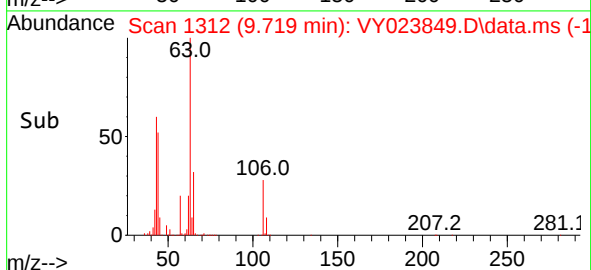
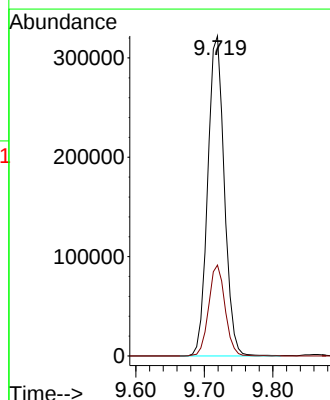
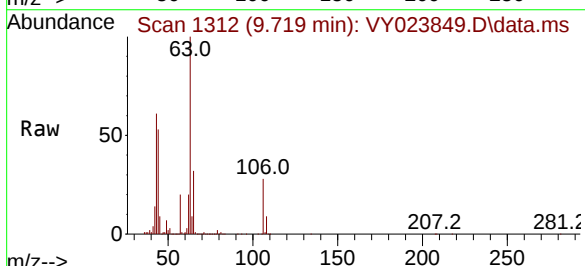
Acq: 02 Dec 2025 09:14

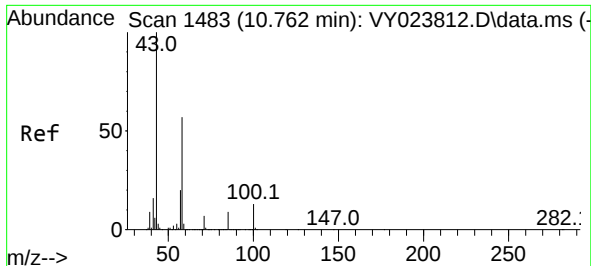
Tgt Ion: 63 Resp: 540385

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2





#59

2-Hexanone

Concen: 297.970 ug/l

RT: 10.768 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

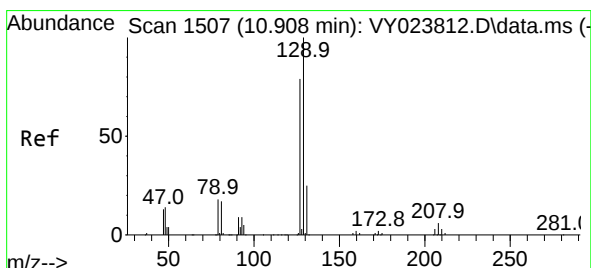
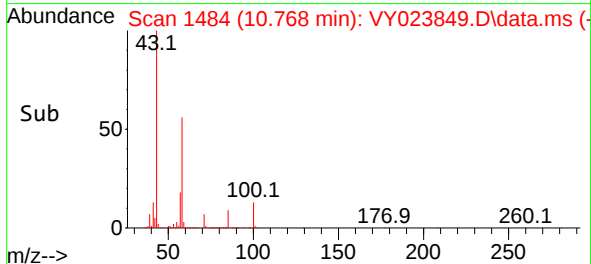
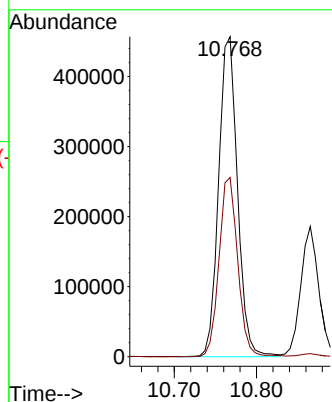
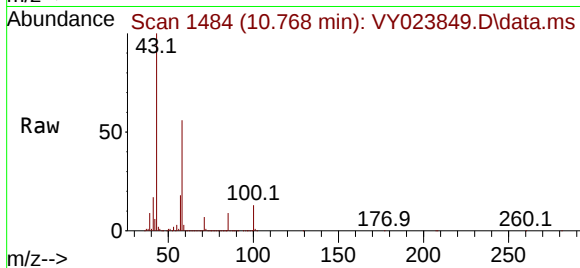
ClientSampleId :

Tgt Ion: 43 Resp: 727753

Ion Ratio Lower Upper

43 100

58 55.7 28.3 85.0



#60

Dibromochloromethane

Concen: 52.316 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY023849.D

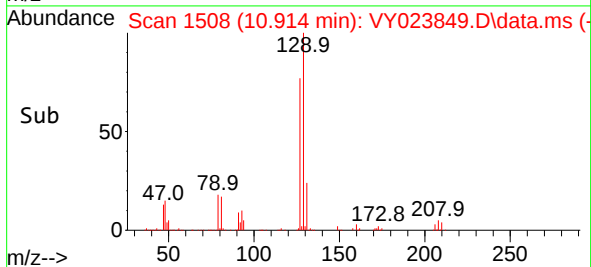
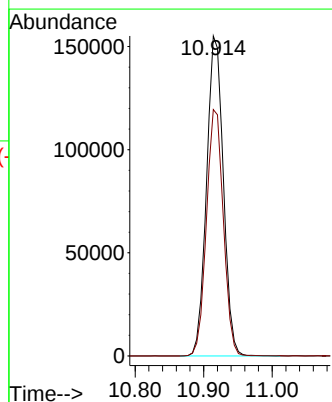
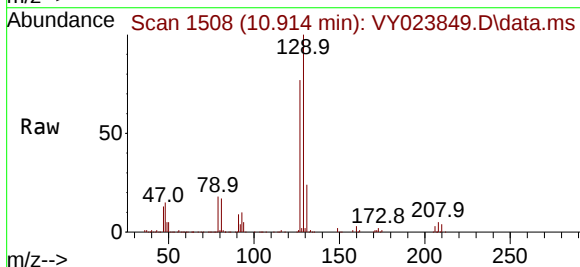
Acq: 02 Dec 2025 09:14

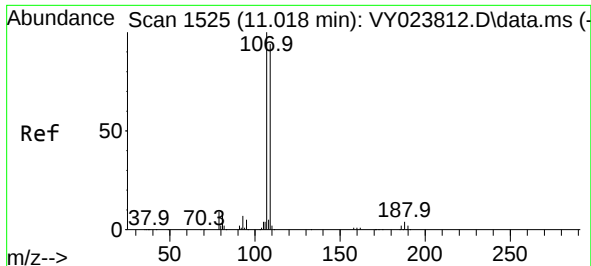
Tgt Ion:129 Resp: 264266

Ion Ratio Lower Upper

129 100

127 77.7 38.9 116.6

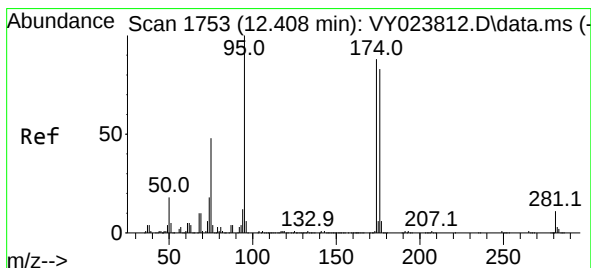
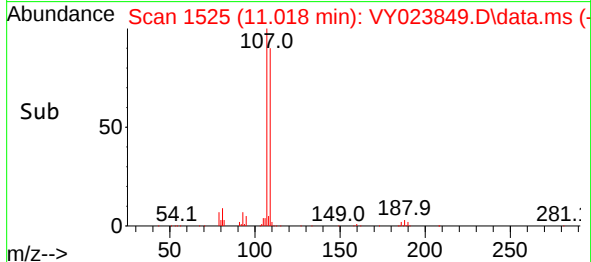
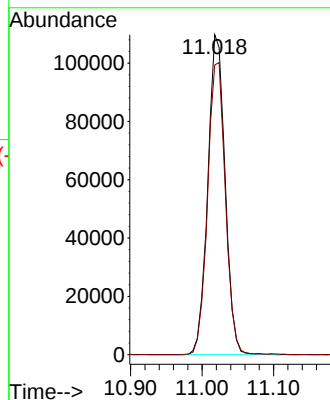
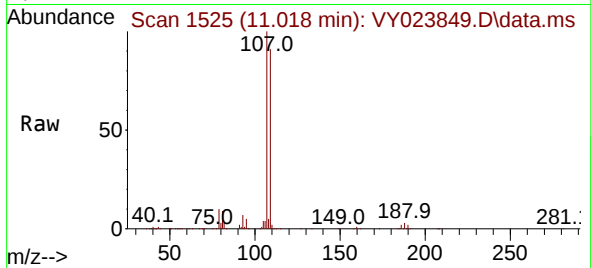




#61
1,2-Dibromoethane
Concen: 52.720 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

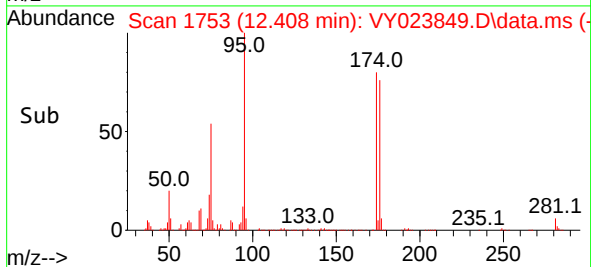
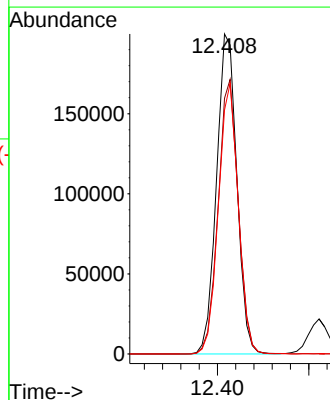
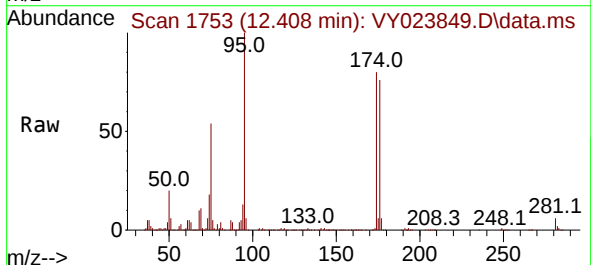
Instrument :
MSVOA_Y
ClientSampleId :

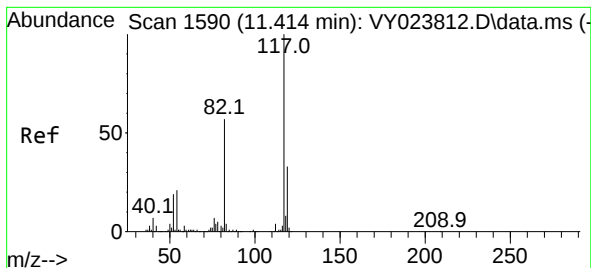
Tgt Ion:107 Resp: 184210
Ion Ratio Lower Upper
107 100
109 94.1 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 50.693 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 95 Resp: 308414
Ion Ratio Lower Upper
95 100
174 84.9 0.0 168.6
176 82.5 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

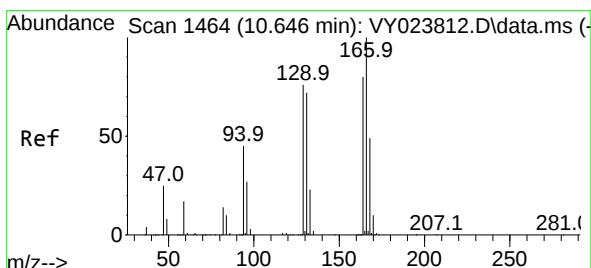
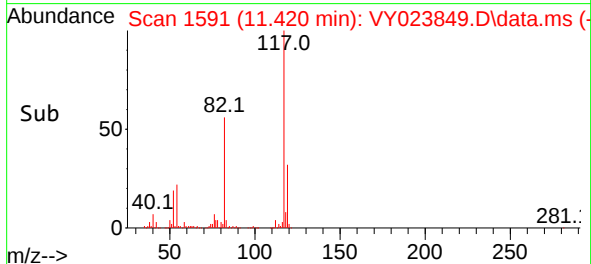
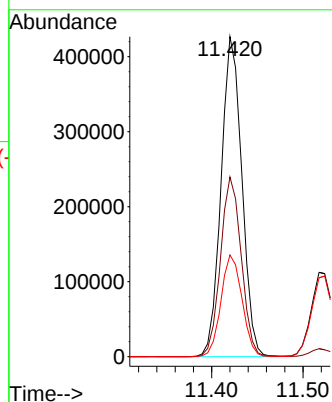
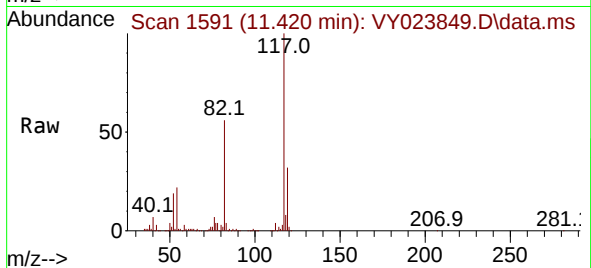
Tgt Ion:117 Resp: 674684

Ion Ratio Lower Upper

117 100

82 56.1 45.4 68.0

119 31.8 26.0 39.0



#64

Tetrachloroethene

Concen: 54.748 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Tgt Ion:164 Resp: 350404

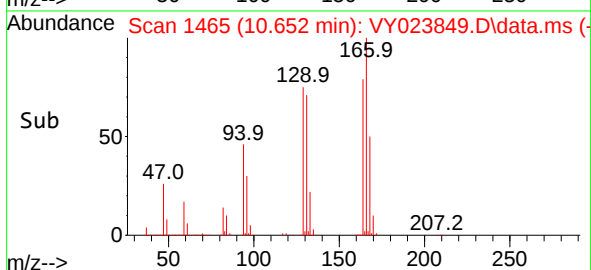
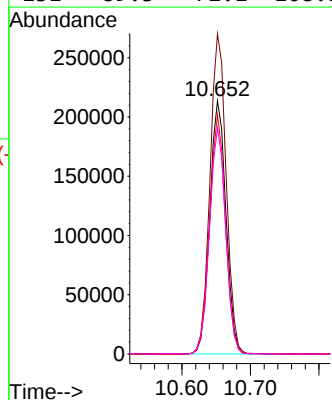
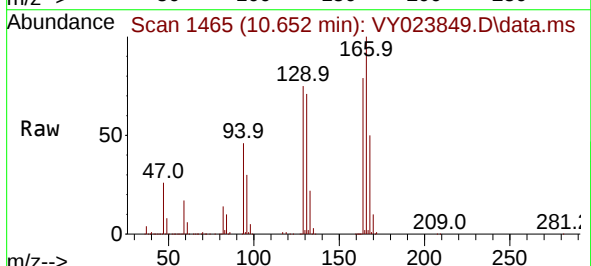
Ion Ratio Lower Upper

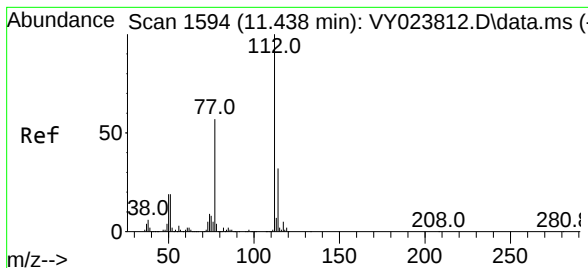
164 100

166 126.4 100.6 150.8

129 94.5 76.0 114.0

131 89.3 72.1 108.1





#65

Chlorobenzene

Concen: 53.949 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

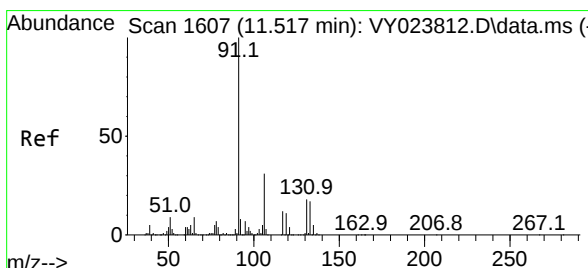
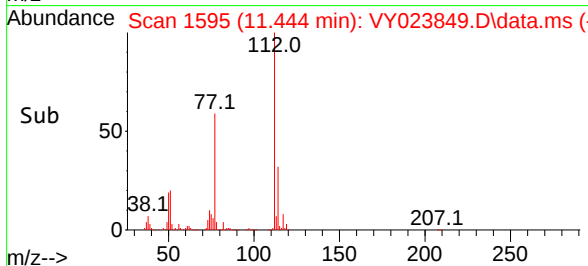
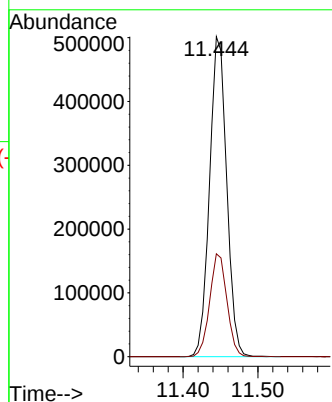
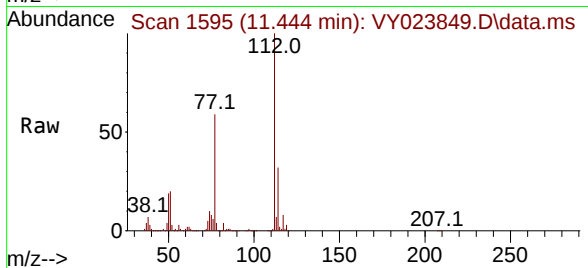
ClientSampleId :

Tgt Ion:112 Resp: 798973

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 53.354 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

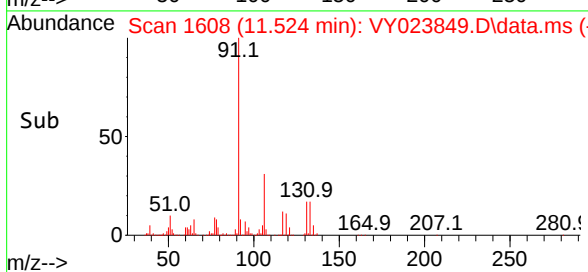
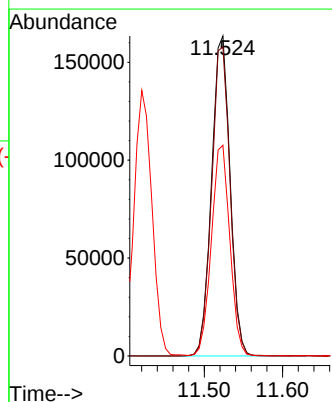
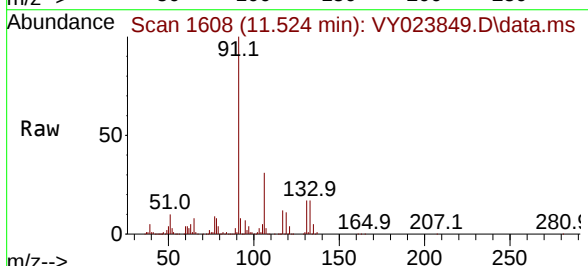
Tgt Ion:131 Resp: 268433

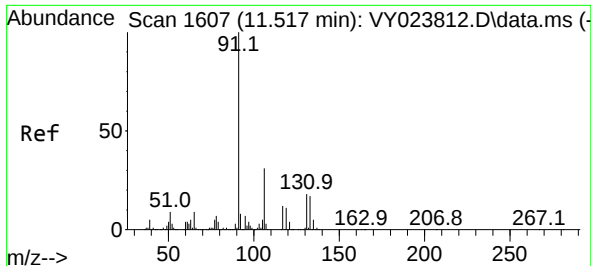
Ion Ratio Lower Upper

131 100

133 96.3 48.1 144.3

119 65.7 33.0 98.9





#67

Ethyl Benzene

Concen: 56.303 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

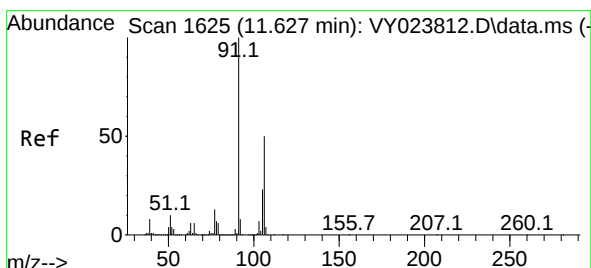
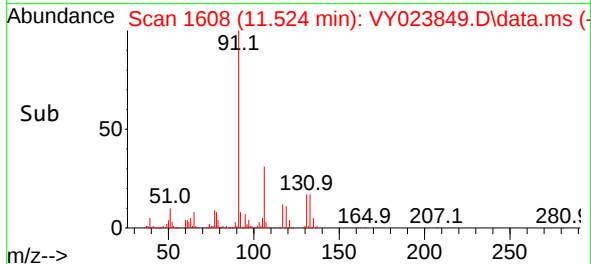
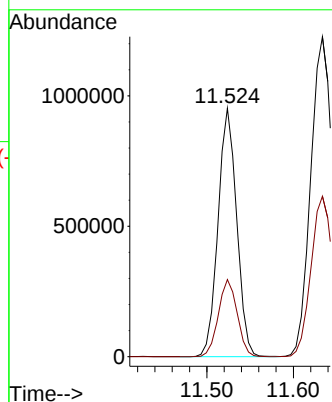
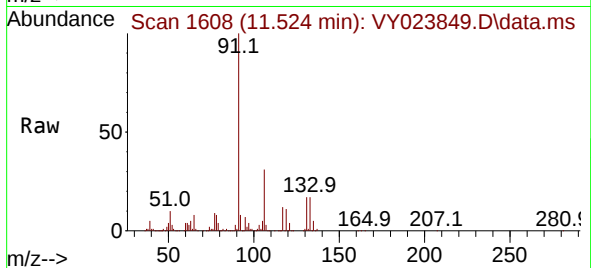
ClientSampleId :

Tgt Ion: 91 Resp: 1424255

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 112.344 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023849.D

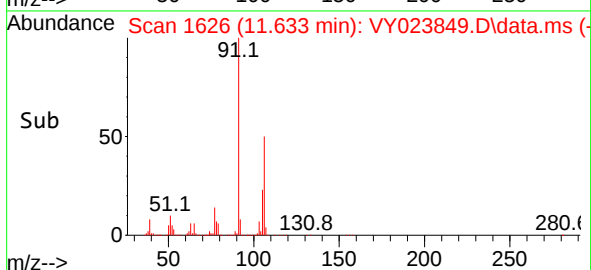
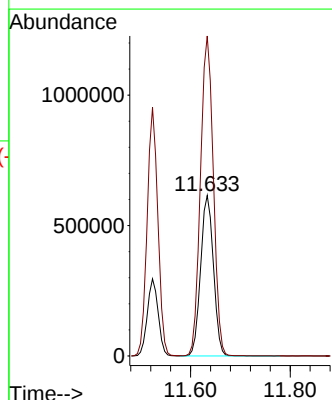
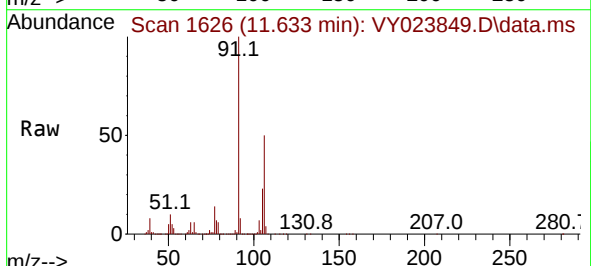
Acq: 02 Dec 2025 09:14

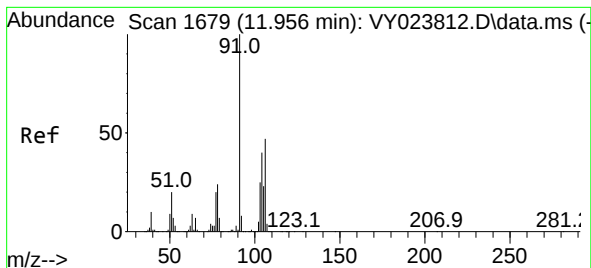
Tgt Ion:106 Resp: 1095099

Ion Ratio Lower Upper

106 100

91 200.6 159.5 239.3

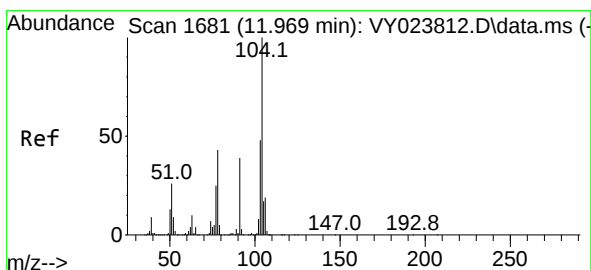
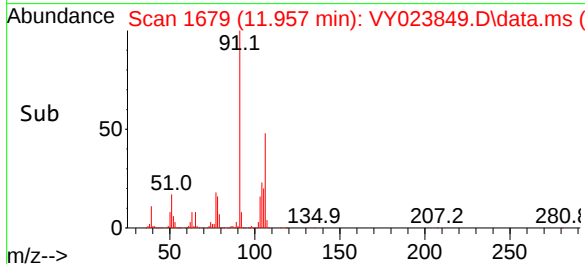
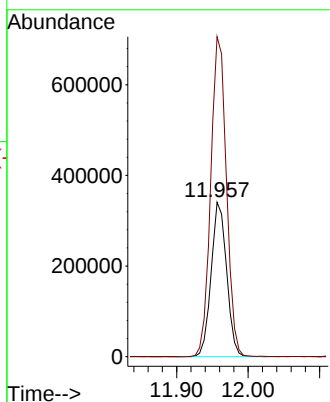
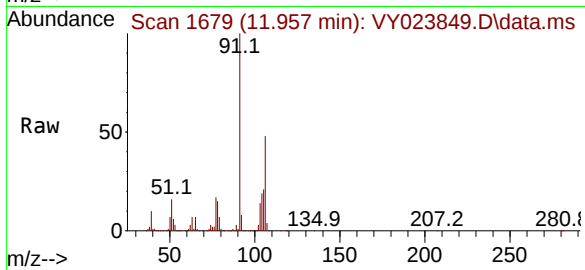




#69
o-Xylene
Concen: 55.941 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

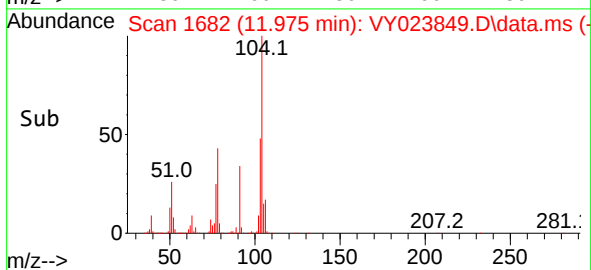
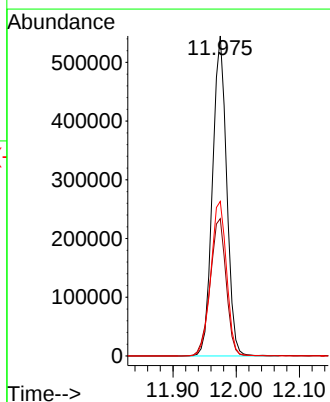
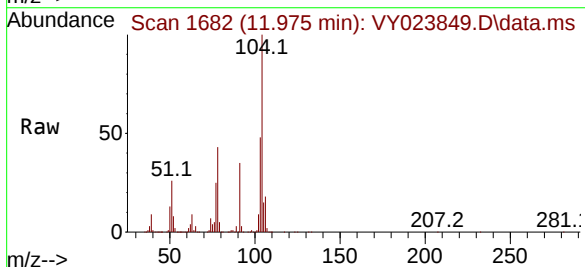
Instrument :
MSVOA_Y
ClientSampleId :

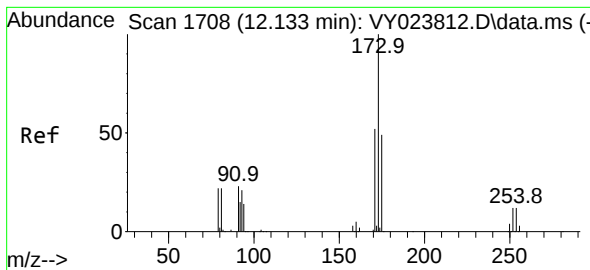
Tgt Ion:106 Resp: 511221
Ion Ratio Lower Upper
106 100
91 210.5 106.5 319.6



#70
Styrene
Concen: 56.235 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion:104 Resp: 846571
Ion Ratio Lower Upper
104 100
78 48.5 38.8 58.2
103 53.8 43.4 65.0





#71

Bromoform

Concen: 52.738 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

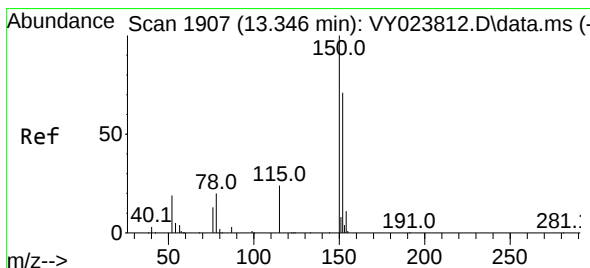
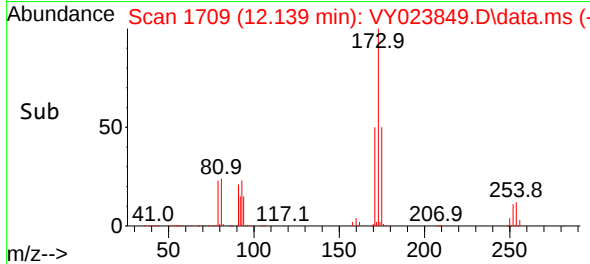
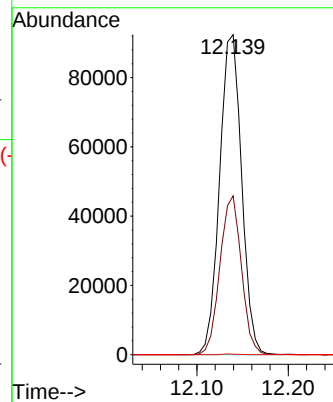
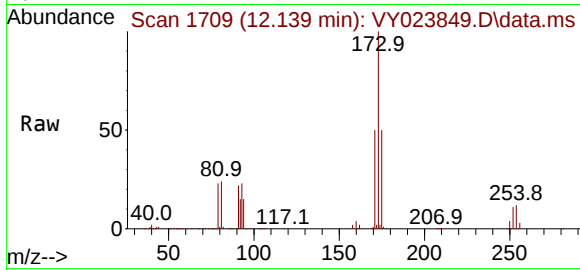
Tgt Ion:173 Resp: 154772

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.4

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

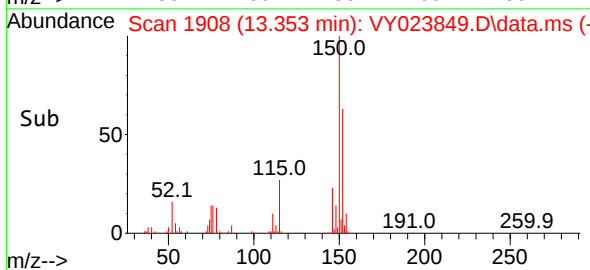
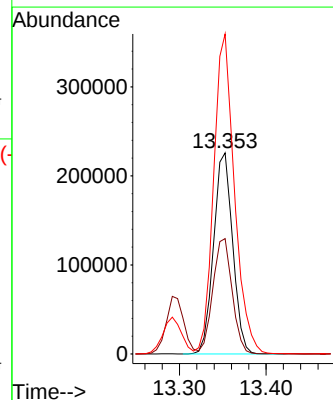
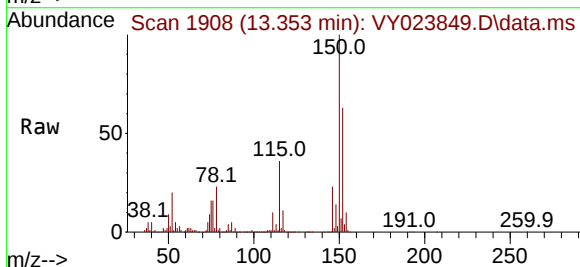
Tgt Ion:152 Resp: 345634

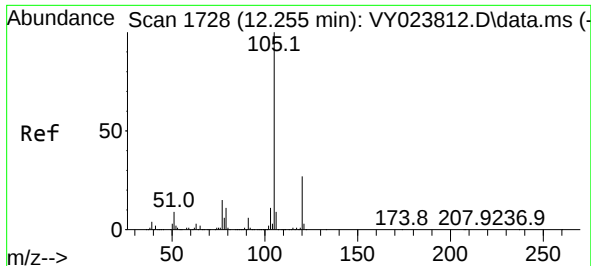
Ion Ratio Lower Upper

152 100

115 57.7 28.7 86.3

150 173.0 0.0 345.6

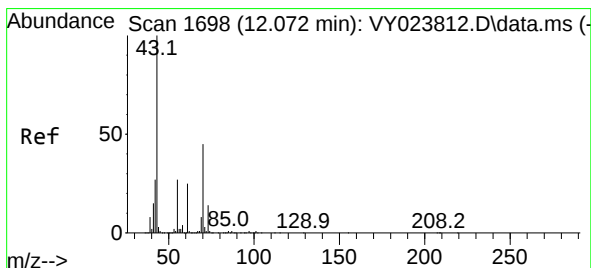
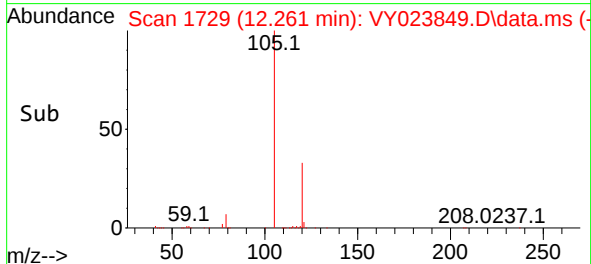
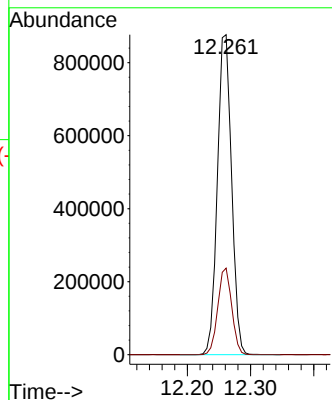
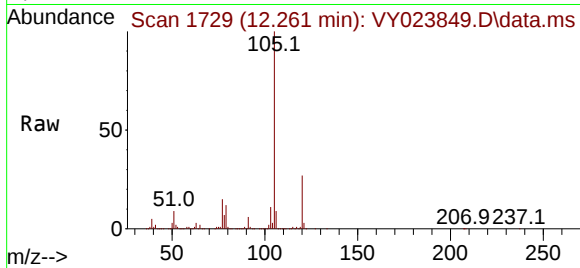




#73
Isopropylbenzene
Concen: 55.355 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

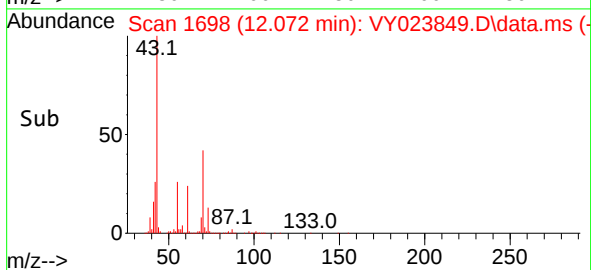
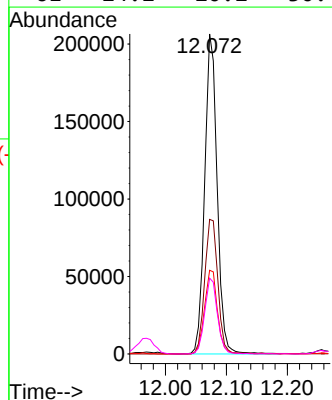
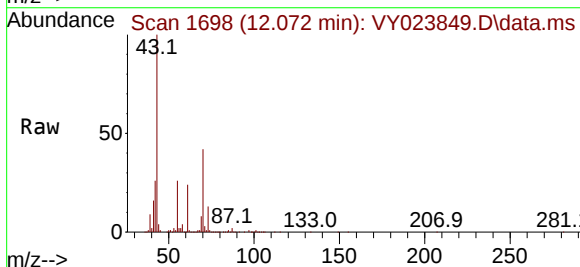
Instrument :
MSVOA_Y
ClientSampleId :

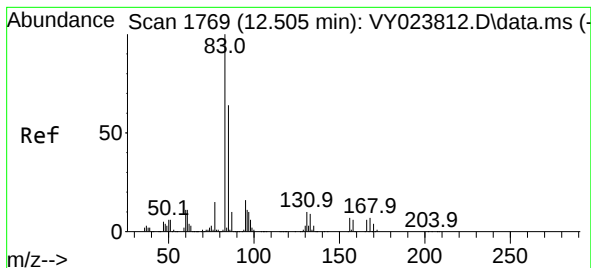
Tgt Ion:105 Resp: 1357887
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8



#74
N-ethyl acetate
Concen: 53.619 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 43 Resp: 293854
Ion Ratio Lower Upper
43 100
70 44.4 36.2 54.2
55 27.4 21.8 32.8
61 24.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.396 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

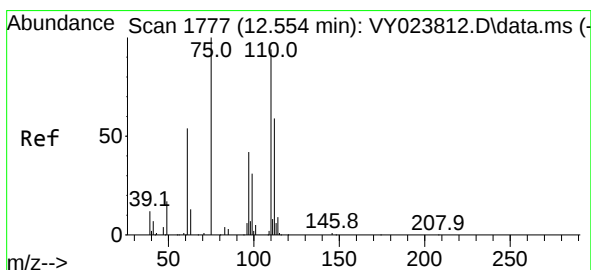
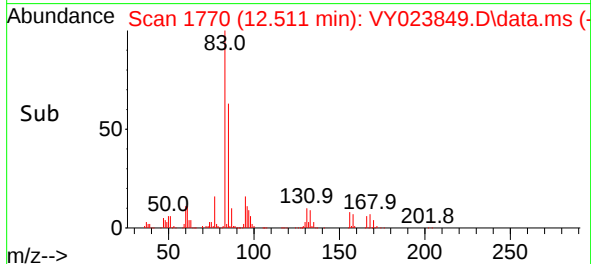
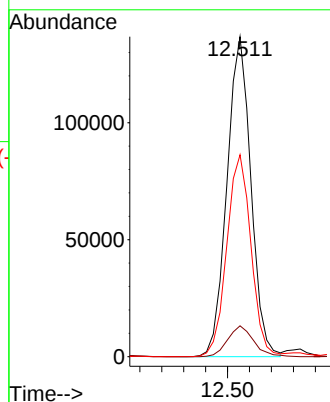
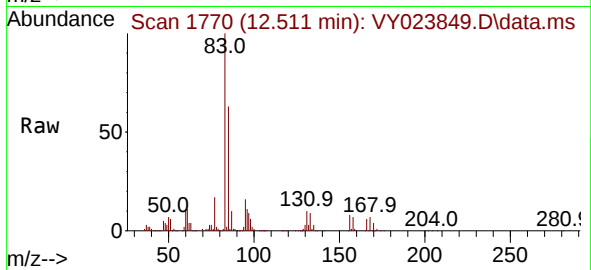
Tgt Ion: 83 Resp: 207573

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

85 63.8 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 97.393 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023849.D

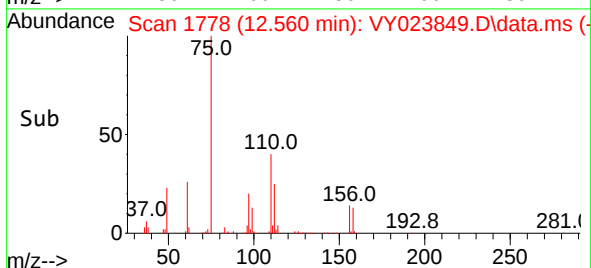
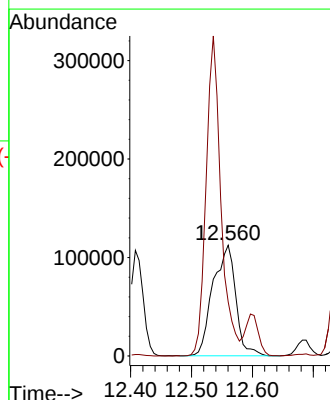
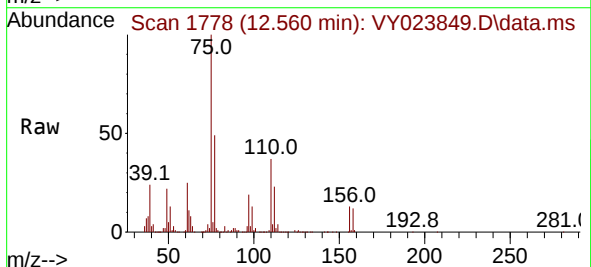
Acq: 02 Dec 2025 09:14

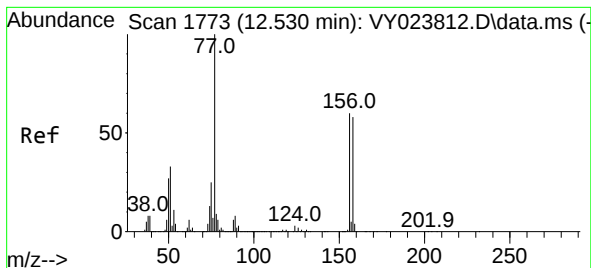
Tgt Ion: 75 Resp: 292733

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.633 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

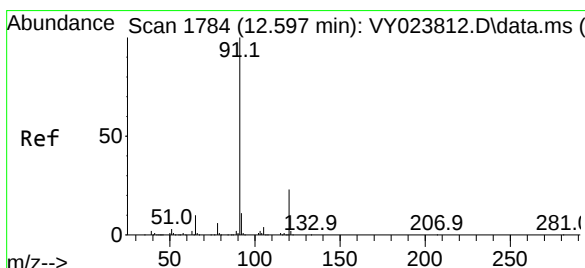
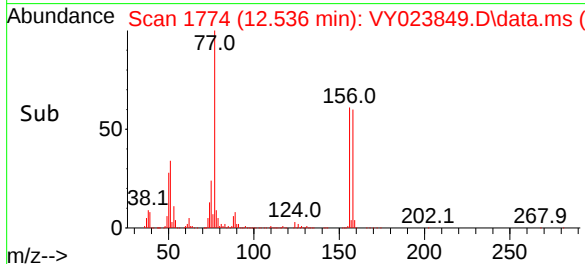
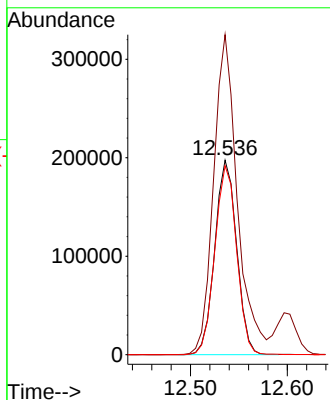
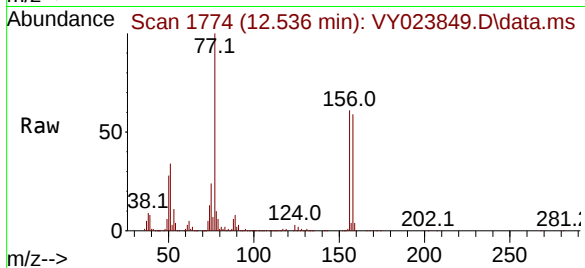
Tgt Ion:156 Resp: 309452

Ion Ratio Lower Upper

156 100

77 178.9 90.8 272.3

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 55.366 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023849.D

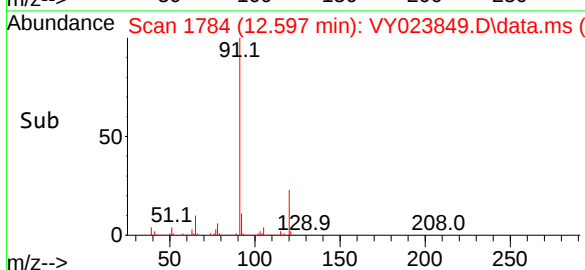
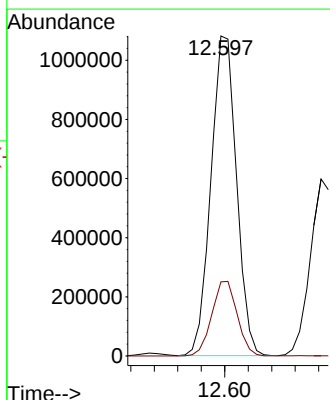
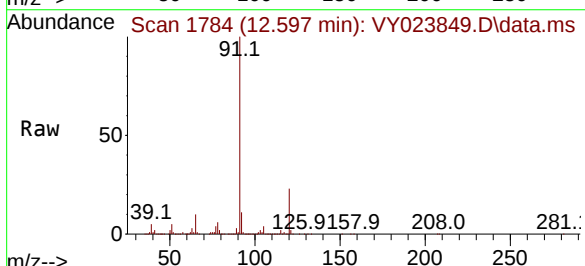
Acq: 02 Dec 2025 09:14

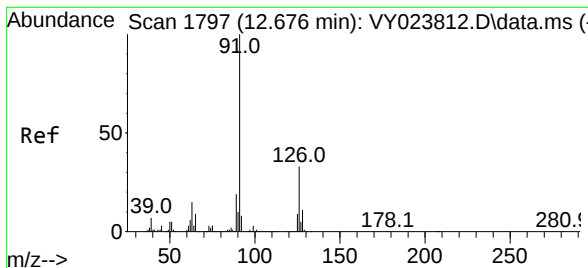
Tgt Ion: 91 Resp: 1635175

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 53.941 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

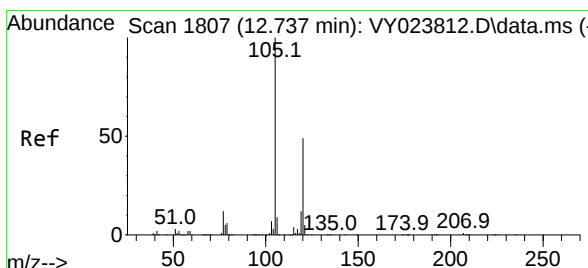
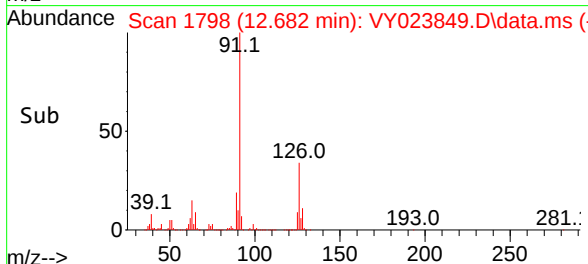
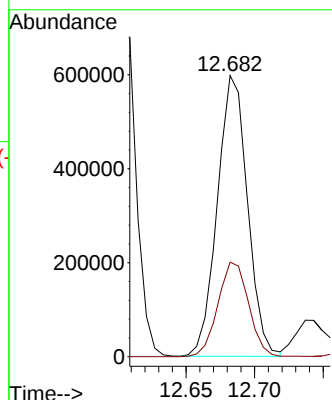
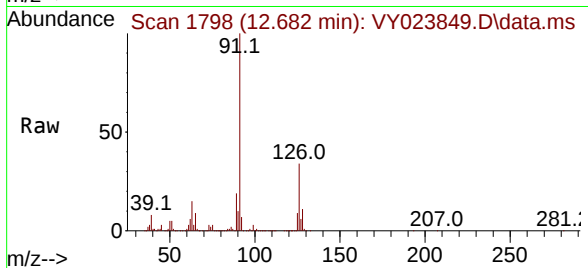
ClientSampleId :

Tgt Ion: 91 Resp: 916874

Ion Ratio Lower Upper

91 100

126 34.3 17.0 50.9



#80

1,3,5-Trimethylbenzene

Concen: 55.295 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY023849.D

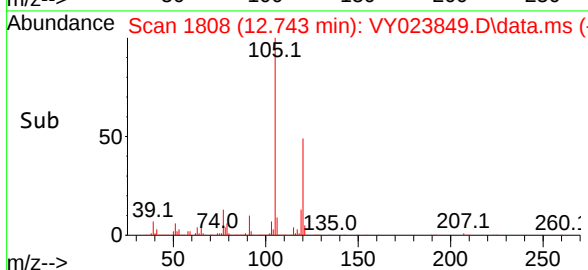
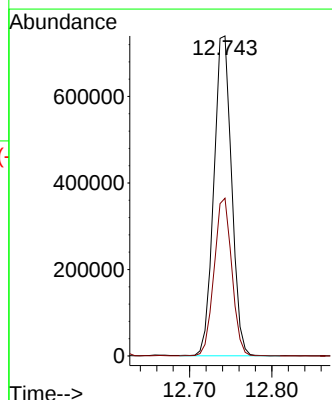
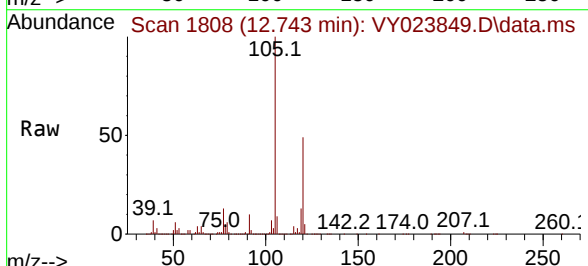
Acq: 02 Dec 2025 09:14

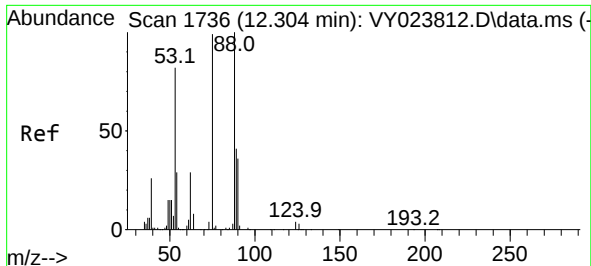
Tgt Ion:105 Resp: 1107297

Ion Ratio Lower Upper

105 100

120 49.3 24.6 73.8

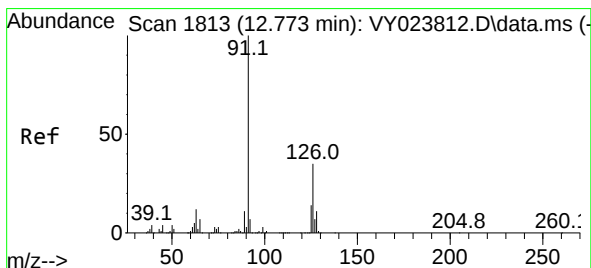
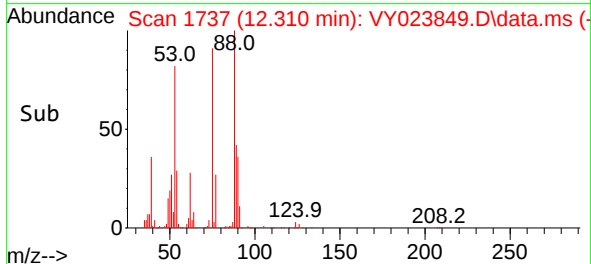
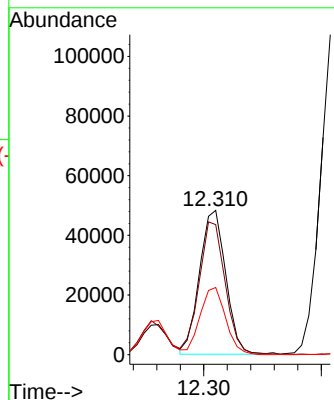
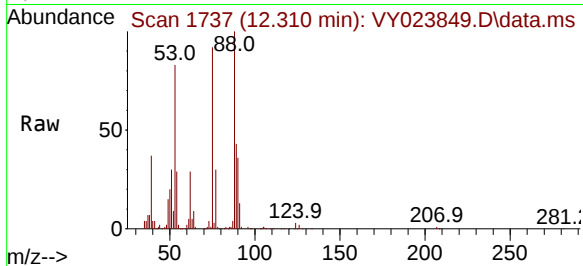




#81
trans-1,4-Dichloro-2-butene
Concen: 52.648 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

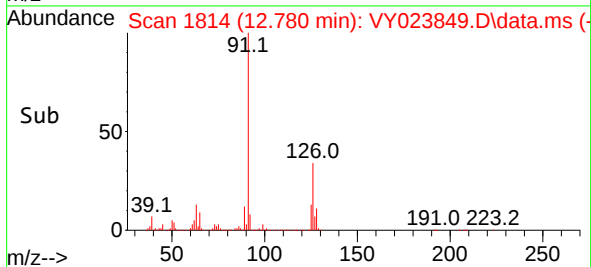
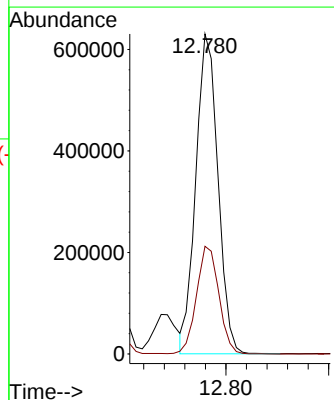
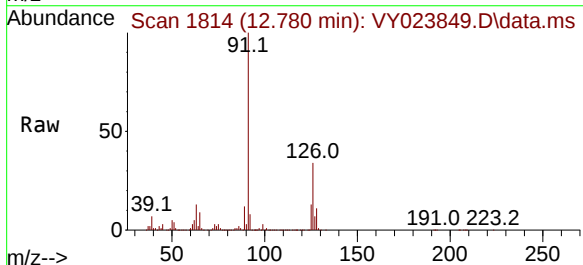
Instrument :
MSVOA_Y
ClientSampleId :

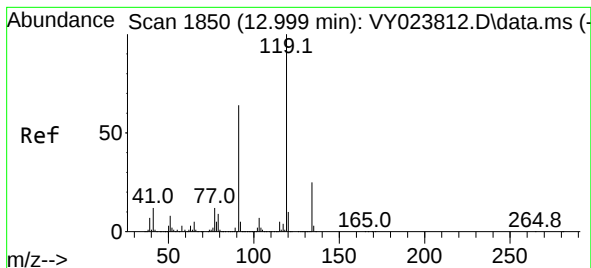
Tgt Ion: 75 Resp: 74866
Ion Ratio Lower Upper
75 100
53 92.3 71.3 106.9
89 45.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.982 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023849.D
Acq: 02 Dec 2025 09:14

Tgt Ion: 91 Resp: 942352
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9

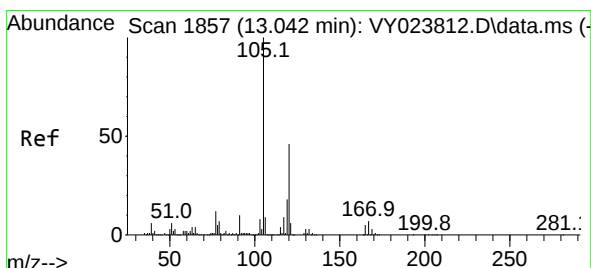
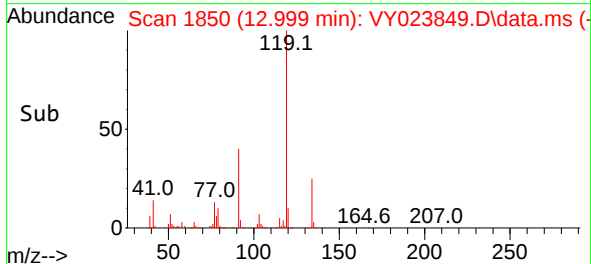
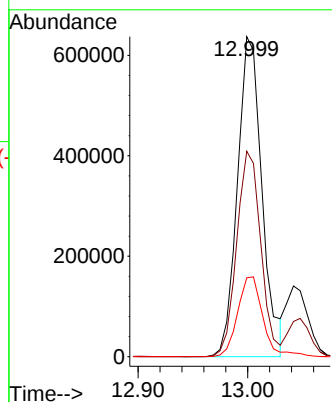
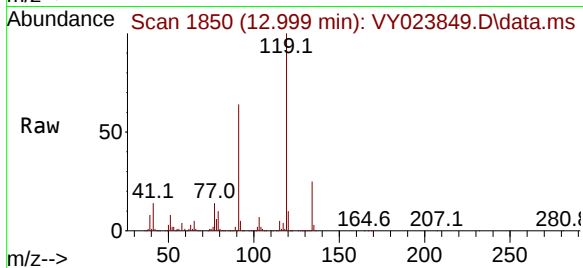




#83
 tert-Butylbenzene
 Concen: 55.023 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY023849.D
 Acq: 02 Dec 2025 09:14

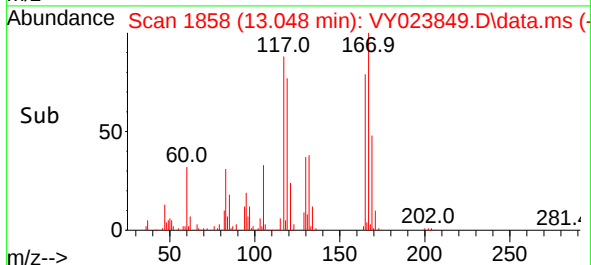
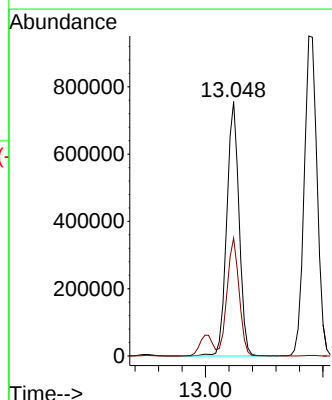
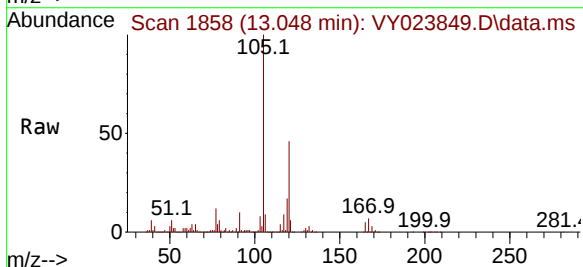
Instrument :
 MSVOA_Y
 ClientSampleId :

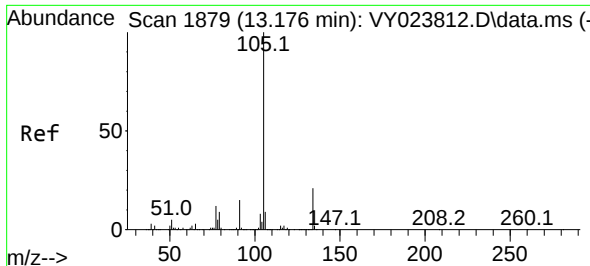
Tgt Ion:119 Resp: 989855
 Ion Ratio Lower Upper
 119 100
 91 63.1 32.0 96.0
 134 25.8 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.880 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: VY023849.D
 Acq: 02 Dec 2025 09:14

Tgt Ion:105 Resp: 1098312
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.5 67.5

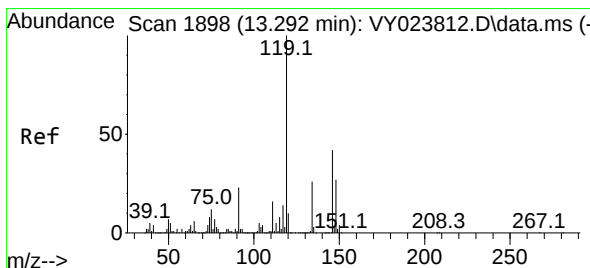
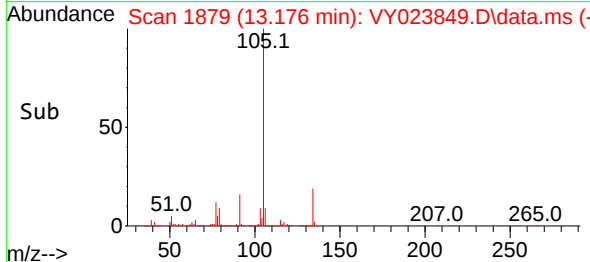
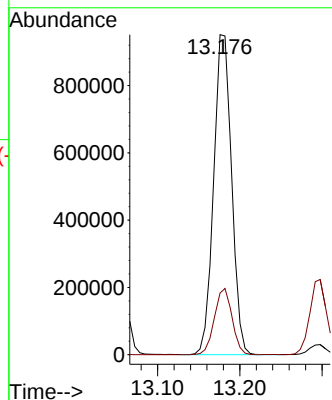
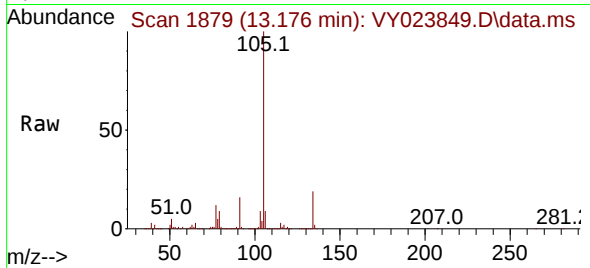




#85
 sec-Butylbenzene
 Concen: 54.336 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023849.D
 Acq: 02 Dec 2025 09:14

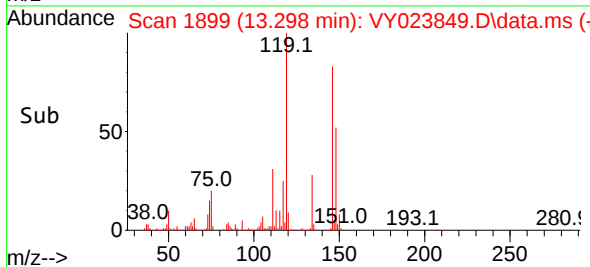
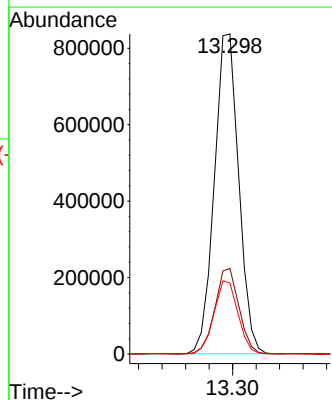
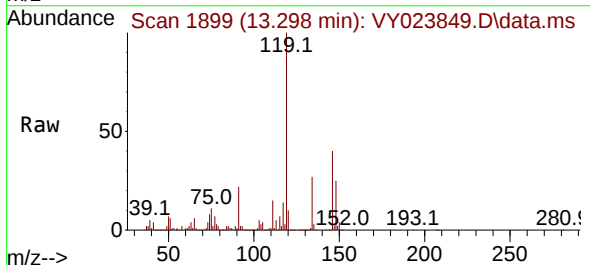
Instrument :
 MSVOA_Y
 ClientSampleId :

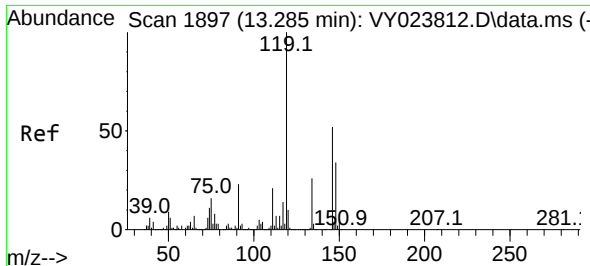
Tgt Ion:105 Resp: 1442913
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 54.372 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023849.D
 Acq: 02 Dec 2025 09:14

Tgt Ion:119 Resp: 1206855
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 22.6 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 52.464 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

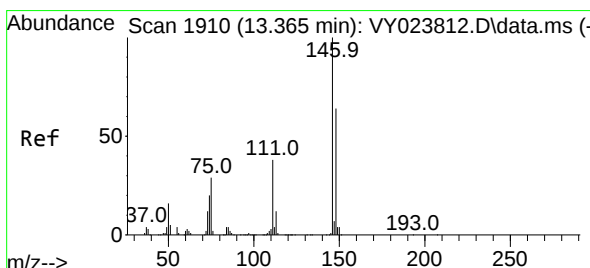
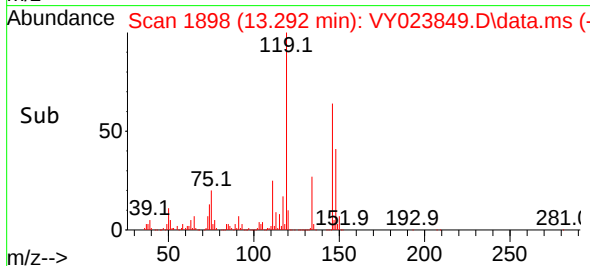
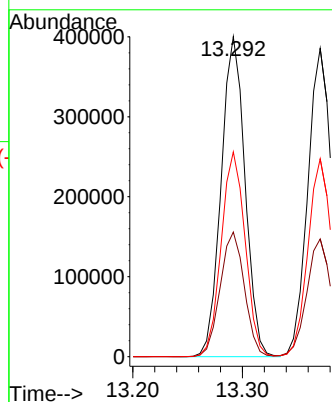
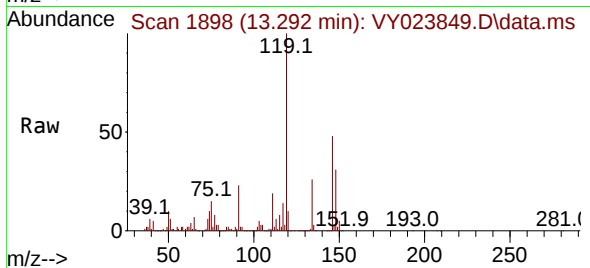
Tgt Ion:146 Resp: 606676

Ion Ratio Lower Upper

146 100

111 39.5 20.0 60.0

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 51.467 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

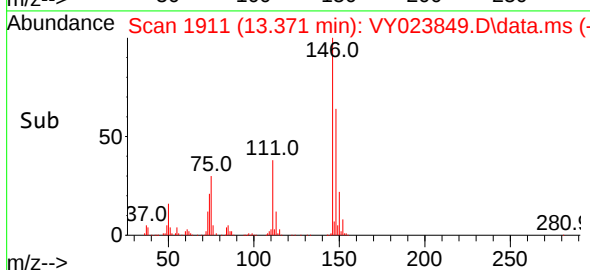
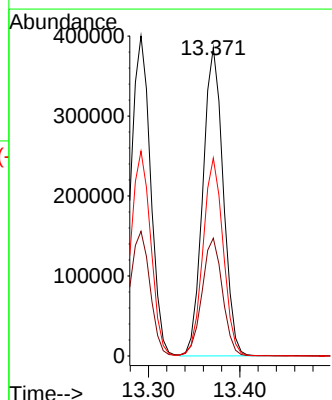
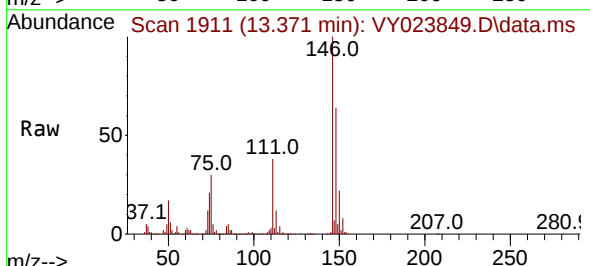
Tgt Ion:146 Resp: 594059

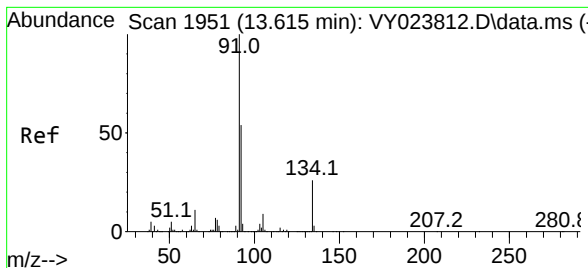
Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 53.802 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

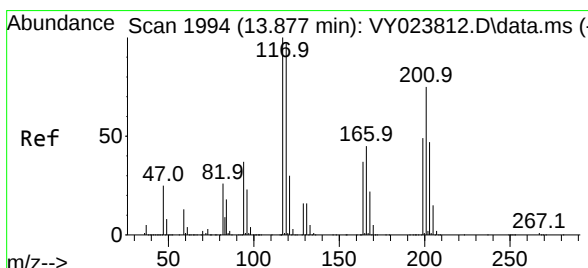
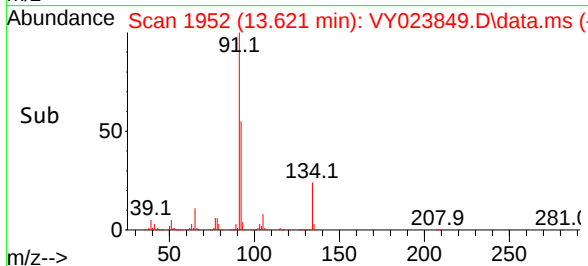
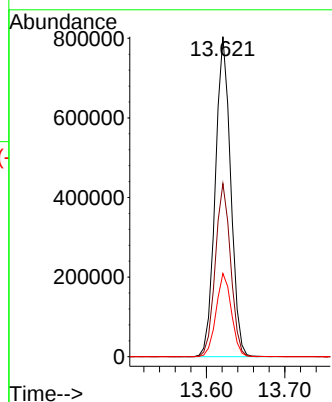
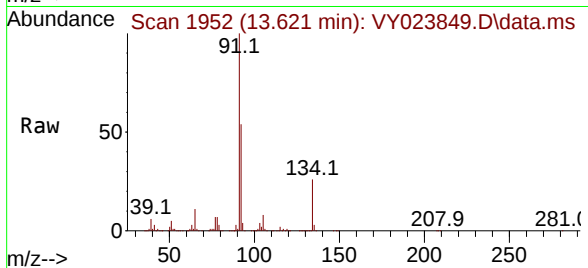
Tgt Ion: 91 Resp: 1094988

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.3

134 26.0 13.0 39.0



#90

Hexachloroethane

Concen: 51.580 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY023849.D

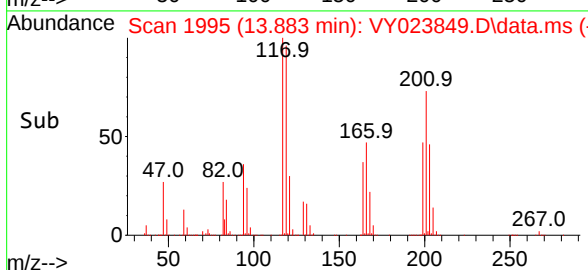
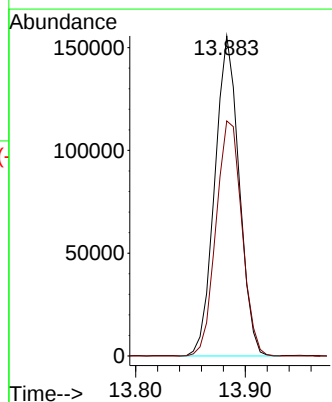
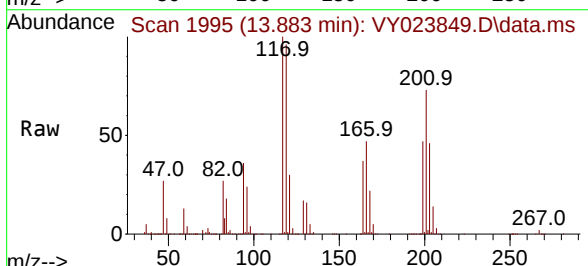
Acq: 02 Dec 2025 09:14

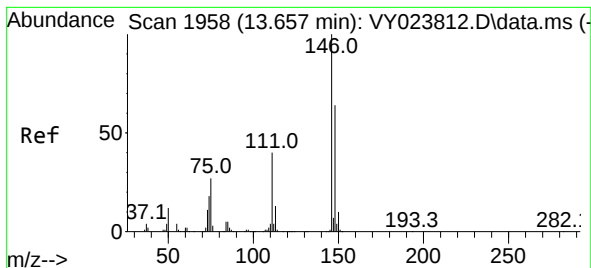
Tgt Ion: 117 Resp: 240545

Ion Ratio Lower Upper

117 100

201 77.8 38.6 115.8





#91

1,2-Dichlorobenzene

Concen: 52.688 ug/l

RT: 13.664 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

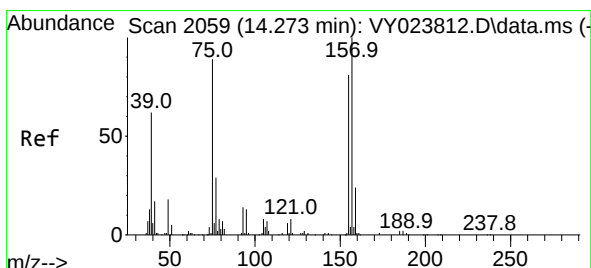
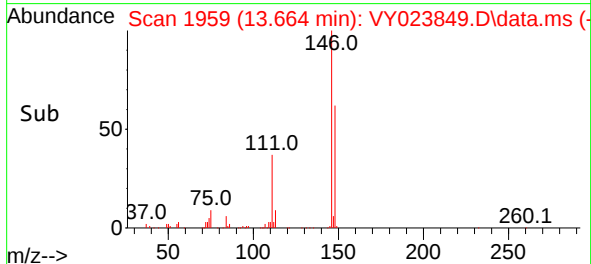
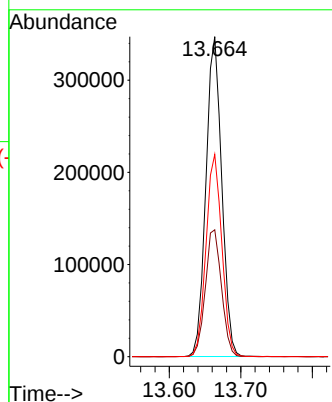
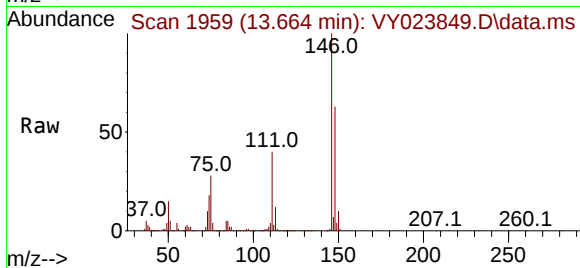
Tgt Ion:146 Resp: 532786

Ion Ratio Lower Upper

146 100

111 40.7 20.5 61.5

148 63.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.036 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

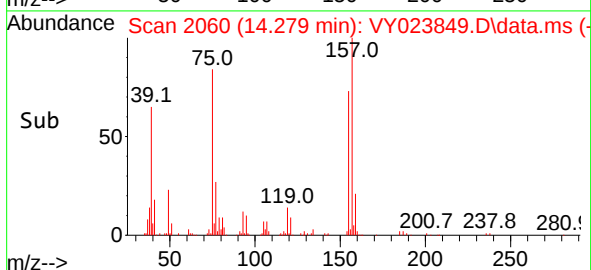
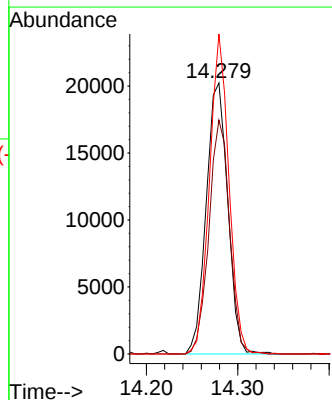
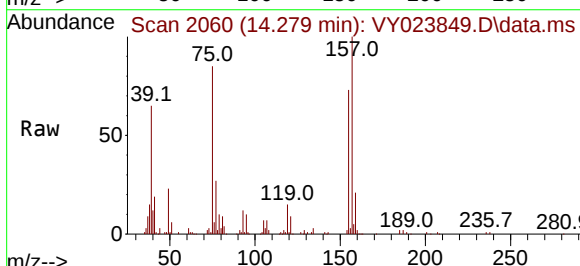
Tgt Ion: 75 Resp: 33149

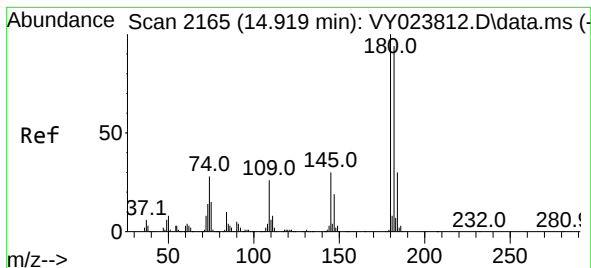
Ion Ratio Lower Upper

75 100

155 82.5 44.0 132.1

157 106.6 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 51.283 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

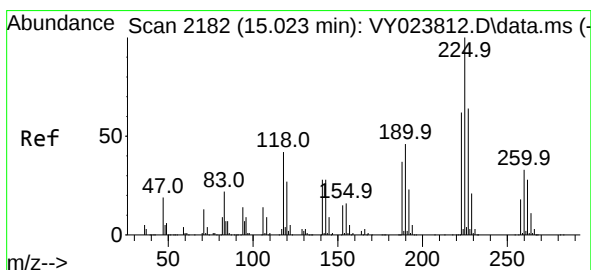
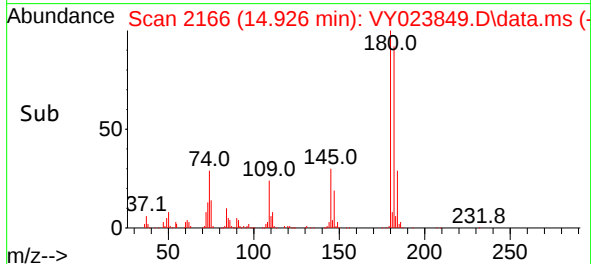
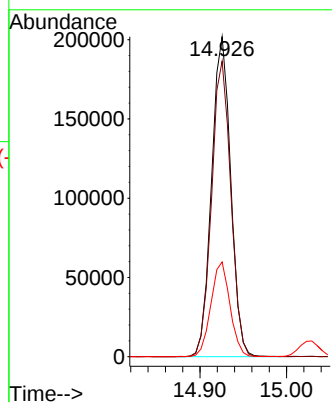
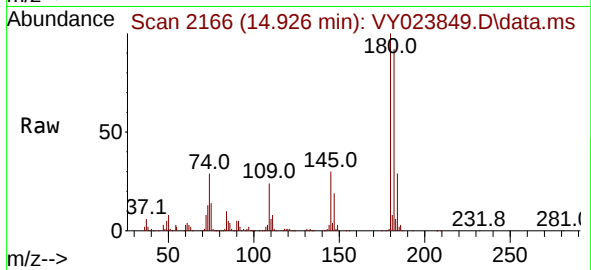
Tgt Ion:180 Resp: 309195

Ion Ratio Lower Upper

180 100

182 93.1 47.2 141.6

145 29.7 15.4 46.2



#94

Hexachlorobutadiene

Concen: 47.996 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

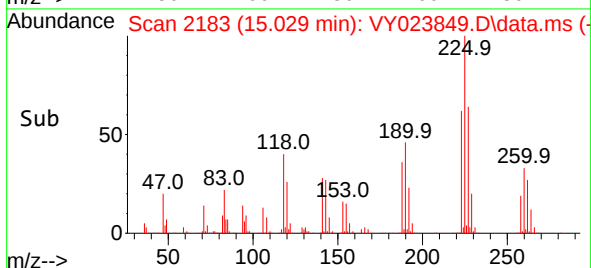
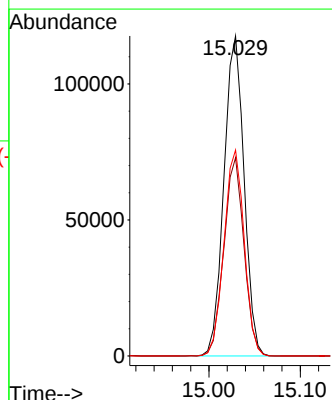
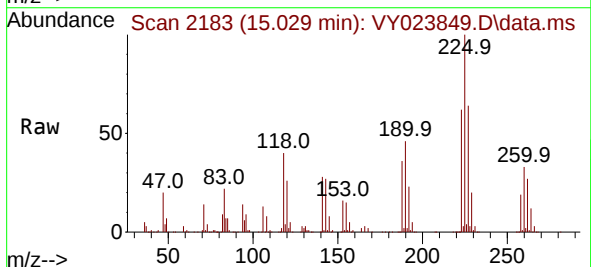
Tgt Ion:225 Resp: 180213

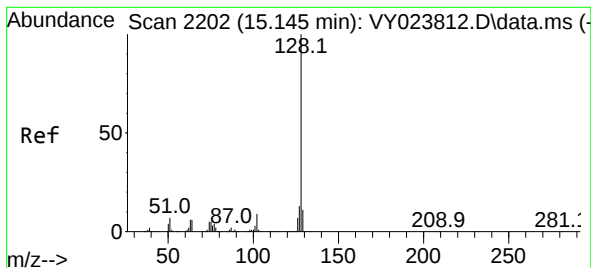
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.9

227 64.7 32.8 98.3





#95

Naphthalene

Concen: 52.704 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

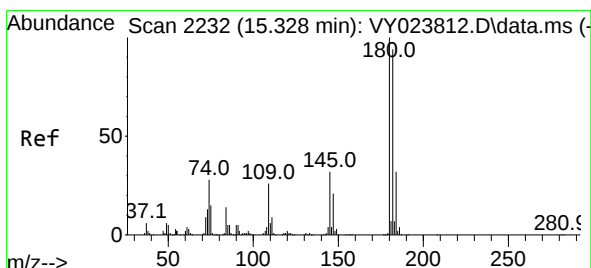
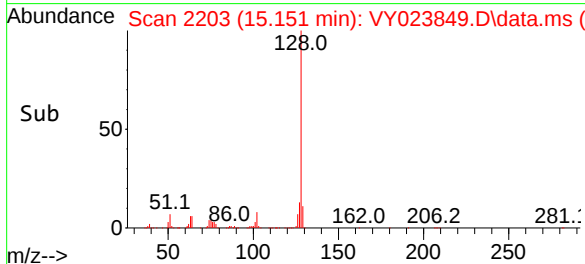
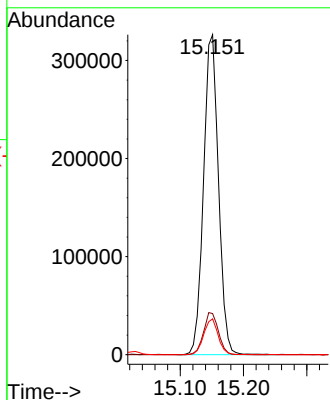
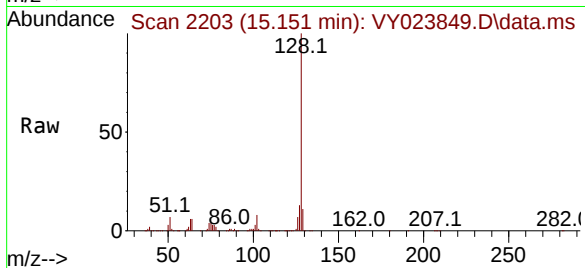
Tgt Ion:128 Resp: 535895

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.017 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY023849.D

Acq: 02 Dec 2025 09:14

Tgt Ion:180 Resp: 261964

Ion Ratio Lower Upper

180 100

182 94.8 48.0 144.2

145 32.3 16.5 49.5

