

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023901.D
 Acq On : 09 Dec 2025 12:19
 Operator : SY/MD
 Sample : VY1209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Quant Time: Dec 10 02:24:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	552923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	787453	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	661090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	332238	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	219659	39.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.420%
35) Dibromofluoromethane	7.652	113	239380	47.397	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.800%
50) Toluene-d8	10.115	98	897403	45.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.320%
62) 4-Bromofluorobenzene	12.414	95	287132	42.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	69902	16.714	ug/l	96
3) Chloromethane	2.080	50	88431	14.823	ug/l	98
4) Vinyl Chloride	2.220	62	101517	14.918	ug/l	98
5) Bromomethane	2.611	94	93667	19.063	ug/l	97
6) Chloroethane	2.751	64	71828	15.568	ug/l	98
7) Trichlorofluoromethane	3.074	101	168458	17.704	ug/l	97
8) Diethyl Ether	3.470	74	44114	15.476	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.842	101	98802	17.331	ug/l	95
10) Methyl Iodide	4.025	142	103238	17.975	ug/l	98
11) Tert butyl alcohol	4.897	59	21925	44.888	ug/l	100
12) 1,1-Dichloroethene	3.805	96	90557	17.001	ug/l	90
13) Acrolein	3.677	56	23988	69.467	ug/l	99
14) Allyl chloride	4.403	41	113432	13.319	ug/l	91
15) Acrylonitrile	5.086	53	83510	67.311	ug/l	99
16) Acetone	3.891	43	131353	79.250	ug/l	99
17) Carbon Disulfide	4.129	76	221134	14.051	ug/l	100
18) Methyl Acetate	4.409	43	33621	11.959	ug/l	92
19) Methyl tert-butyl Ether	5.135	73	212493	15.881	ug/l	97
20) Methylene Chloride	4.635	84	109244	17.068	ug/l	89
21) trans-1,2-Dichloroethene	5.141	96	97453	16.582	ug/l	87
22) Diisopropyl ether	6.037	45	265060	14.136	ug/l #	89
23) Vinyl Acetate	5.982	43	703321	67.665	ug/l #	94
24) 1,1-Dichloroethane	5.933	63	169210	15.618	ug/l	97
25) 2-Butanone	6.915	43	135415	67.773	ug/l	95
26) 2,2-Dichloropropane	6.902	77	158091	15.921	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	117925	17.280	ug/l	91
28) Bromochloromethane	7.262	49	81957	19.798	ug/l #	74
29) Tetrahydrofuran	7.280	42	62854	60.827	ug/l	90
30) Chloroform	7.433	83	183705	16.780	ug/l	98
31) Cyclohexane	7.713	56	146927	14.184	ug/l	92
32) 1,1,1-Trichloroethane	7.634	97	172320	17.436	ug/l	98
36) 1,1-Dichloropropene	7.854	75	127267	17.089	ug/l	95
37) Ethyl Acetate	7.006	43	47730	13.880	ug/l	98
38) Carbon Tetrachloride	7.835	117	158277	19.257	ug/l	97
39) Methylcyclohexane	9.122	83	165945	17.119	ug/l	95
40) Benzene	8.091	78	392951	17.457	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	24066	13.576	ug/l #	90
42) 1,2-Dichloroethane	8.171	62	100117	17.044	ug/l	97
43) Isopropyl Acetate	8.207	43	90787	14.110	ug/l #	86
44) Trichloroethene	8.878	130	115610	19.960	ug/l	99
45) 1,2-Dichloropropane	9.152	63	87930	16.498	ug/l	96
46) Dibromomethane	9.244	93	50920	17.647	ug/l	92
47) Bromodichloromethane	9.433	83	137976	18.124	ug/l	98
48) Methyl methacrylate	9.231	41	41943	13.954	ug/l	88
49) 1,4-Dioxane	9.250	88	9956	310.309	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	239811	70.881	ug/l	96
52) Toluene	10.182	92	257823	18.290	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	113723	16.552	ug/l	95
54) cis-1,3-Dichloropropene	9.865	75	136972	16.929	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	69063	17.731	ug/l	97
56) Ethyl methacrylate	10.451	69	76102	16.423	ug/l	93
57) 1,3-Dichloropropane	10.725	76	112542	16.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	150212	71.890	ug/l	92
59) 2-Hexanone	10.768	43	190075	74.490	ug/l	98
60) Dibromochloromethane	10.920	129	98622	18.882	ug/l	99
61) 1,2-Dibromoethane	11.024	107	62739	17.674	ug/l	100
64) Tetrachloroethene	10.658	164	136086	21.035	ug/l	98
65) Chlorobenzene	11.450	112	286900	19.014	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	102895	19.986	ug/l	100
67) Ethyl Benzene	11.530	91	473980	18.170	ug/l	97
68) m/p-Xylenes	11.633	106	377192	37.831	ug/l	96
69) o-Xylene	11.963	106	175219	18.789	ug/l	96
70) Styrene	11.975	104	285589	18.577	ug/l	97
71) Bromoform	12.139	173	57424	19.741	ug/l #	100
73) Isopropylbenzene	12.261	105	471840	19.276	ug/l	99
74) N-amyl acetate	12.078	43	72282	13.625	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	65846	16.672	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	90301	27.416	ug/l #	100
77) Bromobenzene	12.542	156	115440	20.306	ug/l	88
78) n-propylbenzene	12.603	91	549776	18.613	ug/l	97
79) 2-Chlorotoluene	12.688	91	310864	18.531	ug/l	96
80) 1,3,5-Trimethylbenzene	12.743	105	373706	18.789	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	21352	15.527	ug/l	96
82) 4-Chlorotoluene	12.786	91	316255	18.184	ug/l	95
83) tert-Butylbenzene	13.005	119	348968	19.462	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	376129	19.089	ug/l	98
85) sec-Butylbenzene	13.182	105	506651	18.995	ug/l	98
86) p-Isopropyltoluene	13.298	119	421924	19.105	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	222495	19.426	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	218111	19.418	ug/l	99
89) n-Butylbenzene	13.627	91	358041	17.516	ug/l	98
90) Hexachloroethane	13.883	117	86805	18.736	ug/l	90
91) 1,2-Dichlorobenzene	13.663	146	192283	19.302	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9540	15.363	ug/l	88
93) 1,2,4-Trichlorobenzene	14.925	180	105752	17.905	ug/l	98
94) Hexachlorobutadiene	15.029	225	75641	20.413	ug/l	97
95) Naphthalene	15.151	128	152925	15.711	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	87489	17.358	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

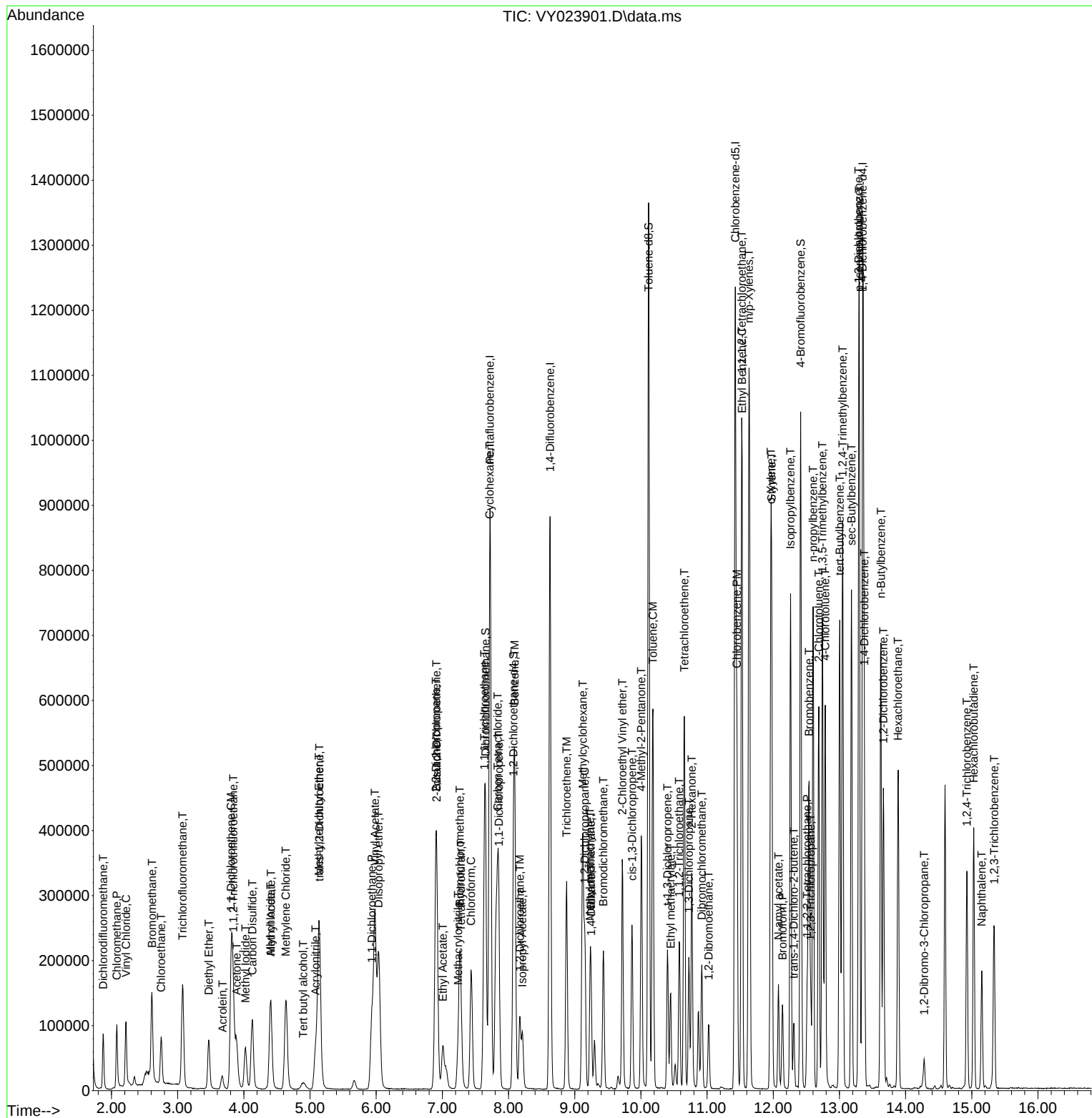
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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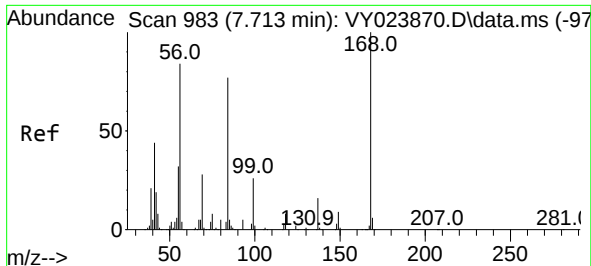
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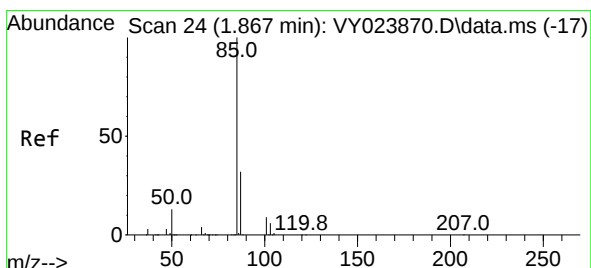
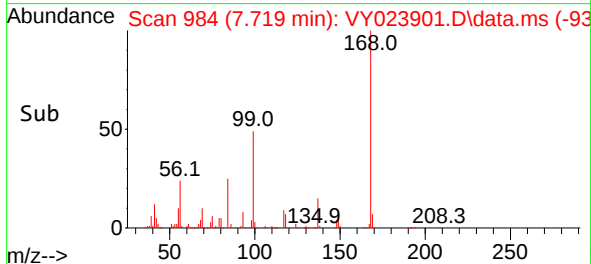
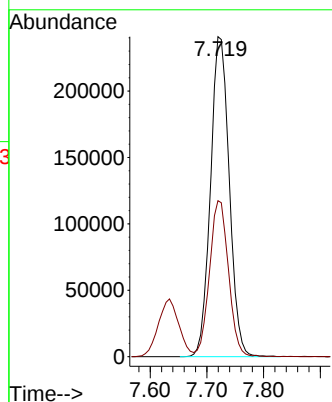
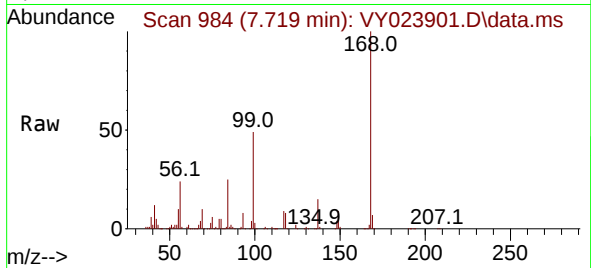




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
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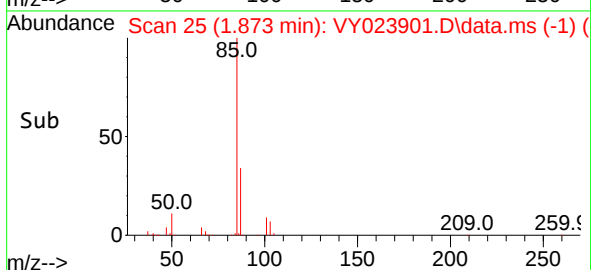
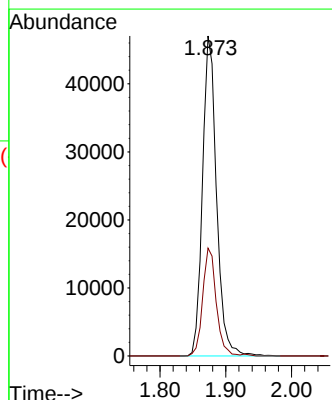
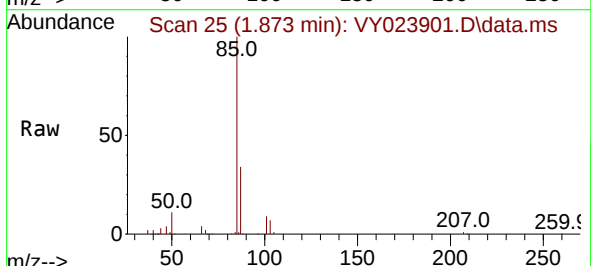
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

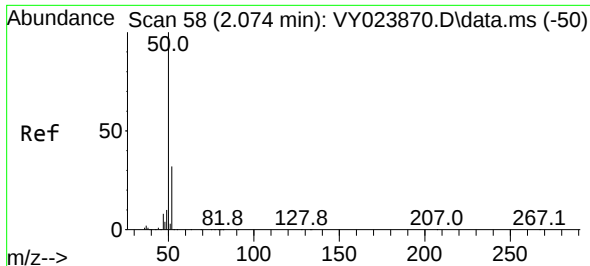
Tgt Ion:168 Resp: 552923
Ion Ratio Lower Upper
168 100
99 48.7 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 16.714 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 85 Resp: 69902
Ion Ratio Lower Upper
85 100
87 33.7 15.9 47.6

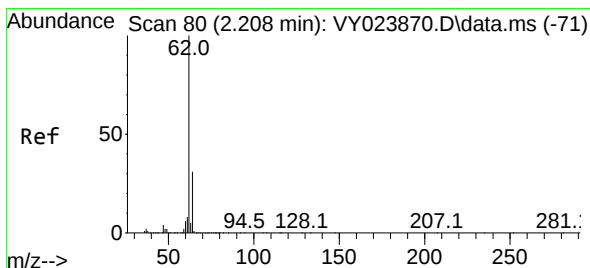
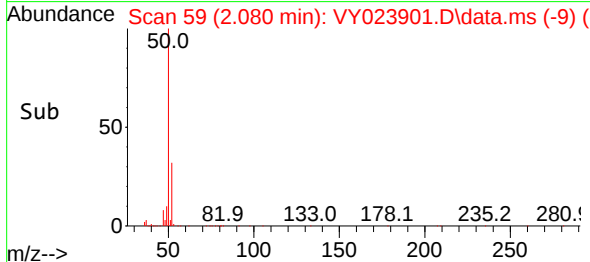
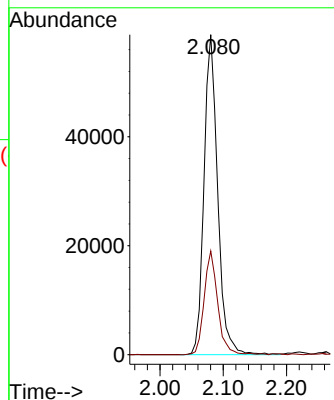
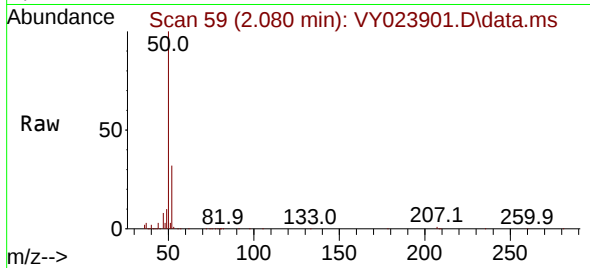




#3
Chloromethane
Concen: 14.823 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

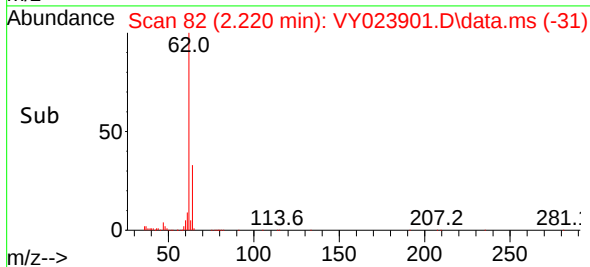
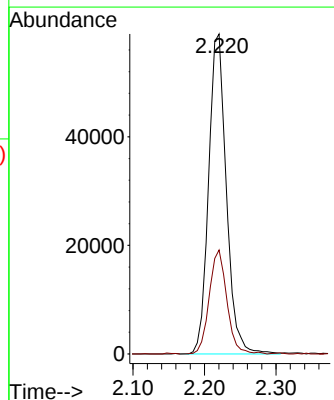
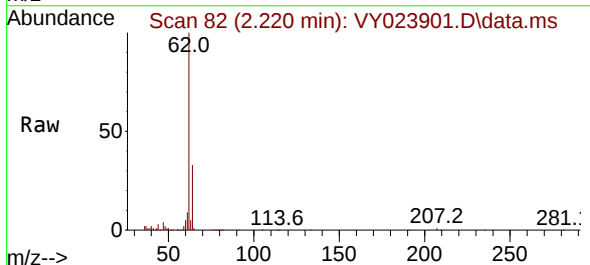
Instrument :
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ClientSampleId :
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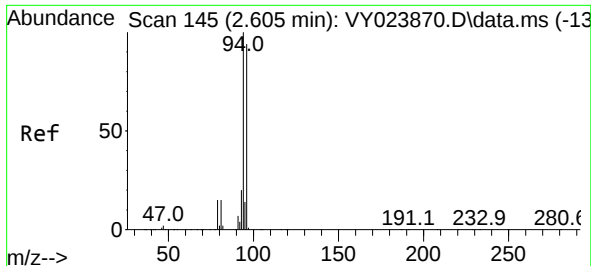
Tgt Ion: 50 Resp: 88431
Ion Ratio Lower Upper
50 100
52 32.4 25.2 37.8



#4
Vinyl Chloride
Concen: 14.918 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 62 Resp: 101517
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7

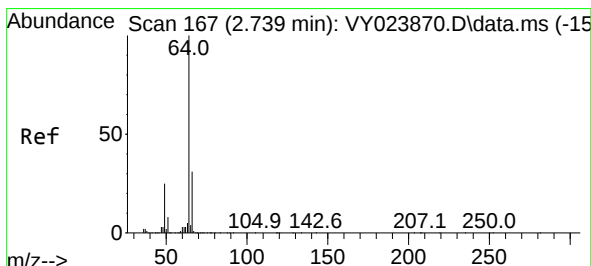
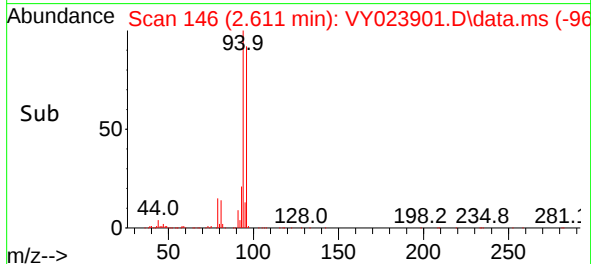
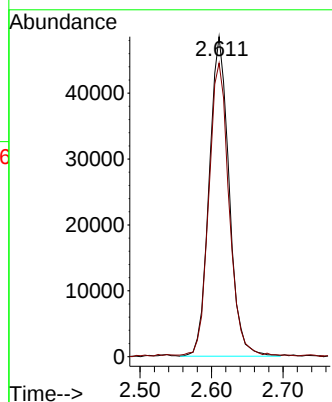
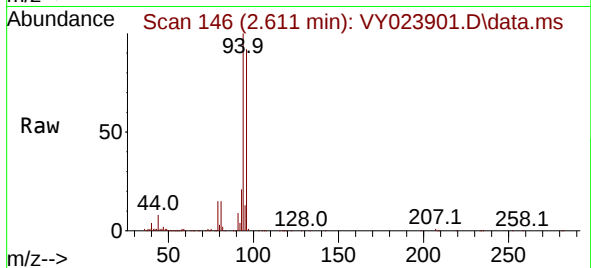




#5
Bromomethane
Concen: 19.063 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

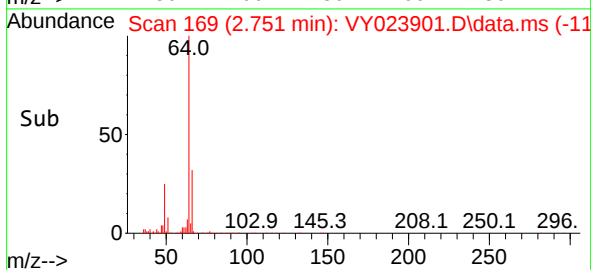
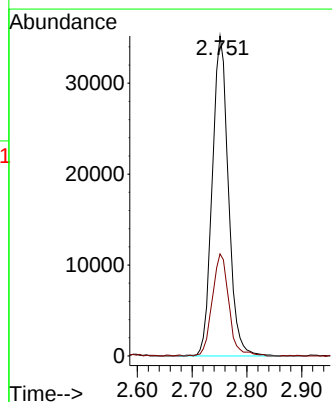
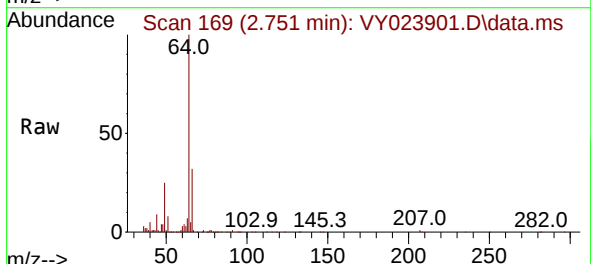
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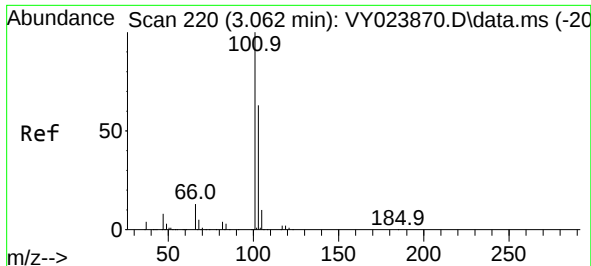
Tgt Ion: 94 Resp: 93667
Ion Ratio Lower Upper
94 100
96 91.4 75.2 112.8



#6
Chloroethane
Concen: 15.568 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 64 Resp: 71828
Ion Ratio Lower Upper
64 100
66 31.9 24.8 37.2

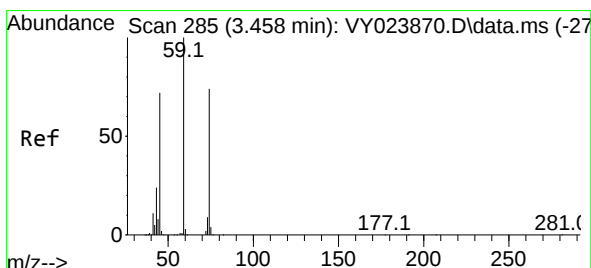
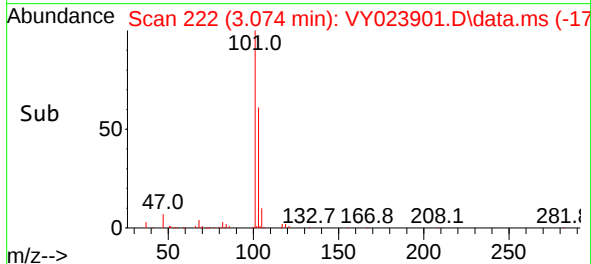
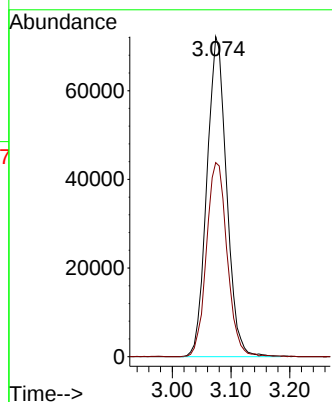
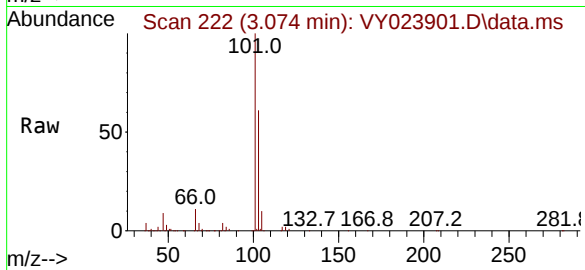




#7
Trichlorofluoromethane
Concen: 17.704 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

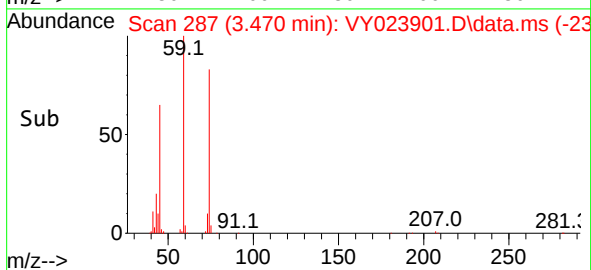
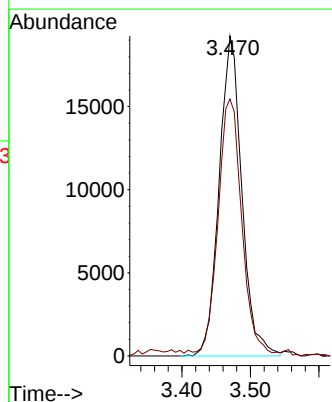
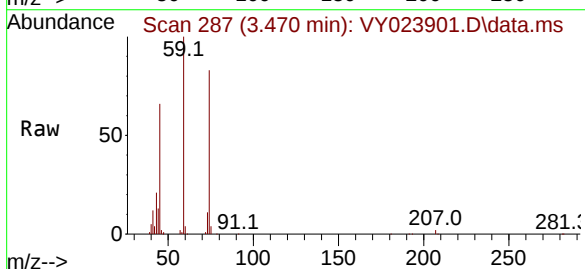
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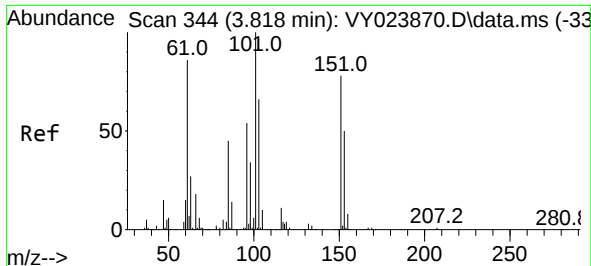
Tgt Ion:101 Resp: 168458
Ion Ratio Lower Upper
101 100
103 60.7 50.2 75.2



#8
Diethyl Ether
Concen: 15.476 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 74 Resp: 44114
Ion Ratio Lower Upper
74 100
45 81.1 48.4 145.3

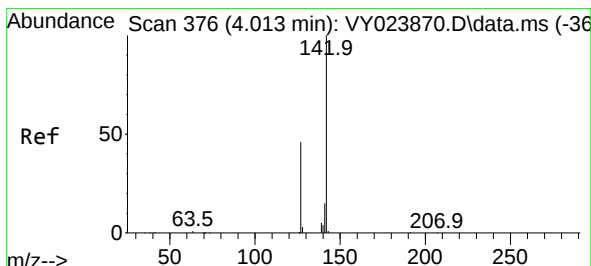
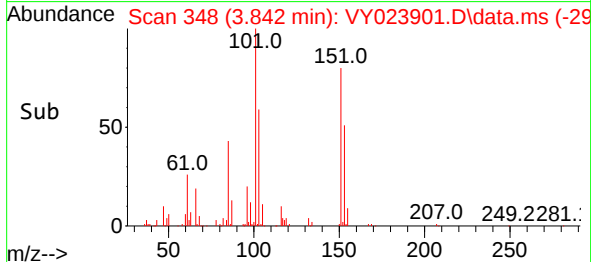
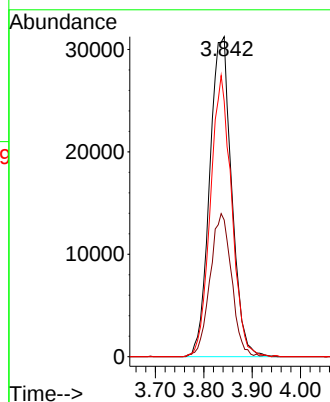
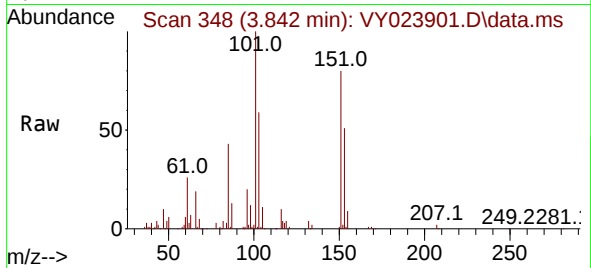




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.331 ug/l
RT: 3.842 min Scan# 344
Delta R.T. 0.024 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

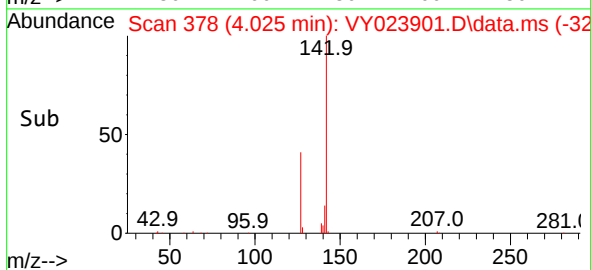
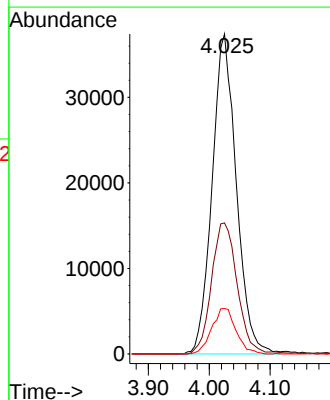
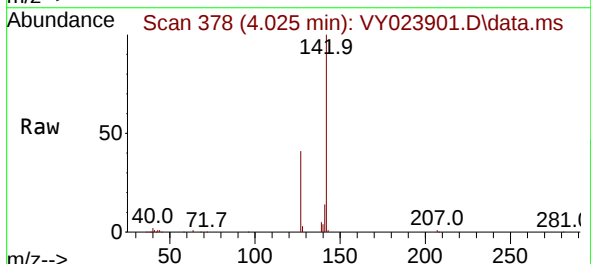
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

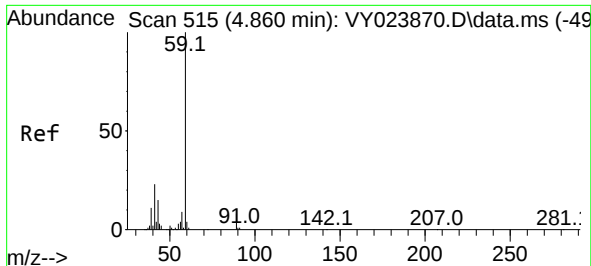
Tgt Ion:101 Resp: 98802
Ion Ratio Lower Upper
101 100
85 43.7 35.8 53.8
151 84.7 63.4 95.0



#10
Methyl Iodide
Concen: 17.975 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion:142 Resp: 103238
Ion Ratio Lower Upper
142 100
127 43.7 36.1 54.1
141 14.3 11.8 17.8

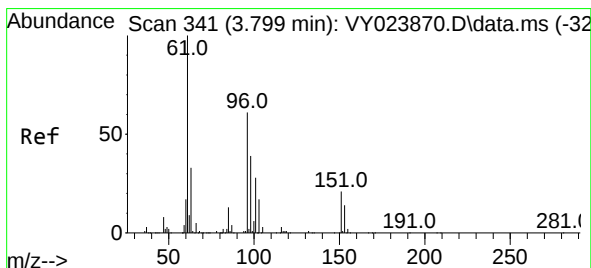
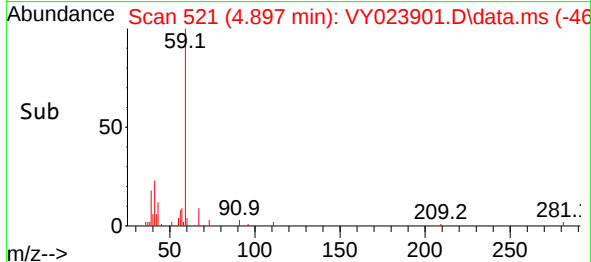
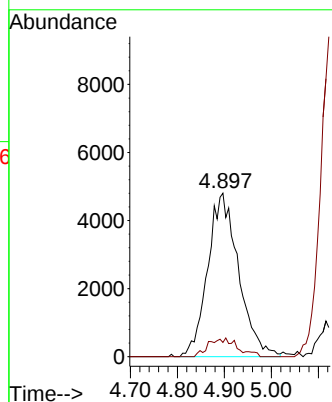
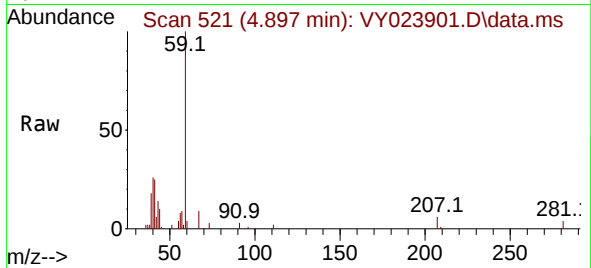




#11
Tert butyl alcohol
Concen: 44.888 ug/l
RT: 4.897 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

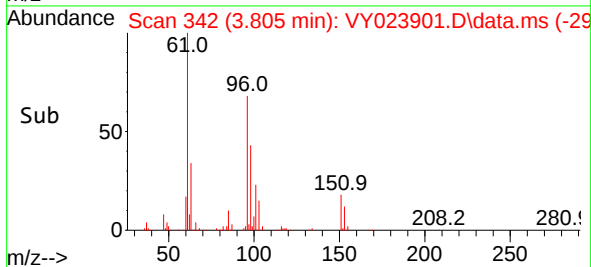
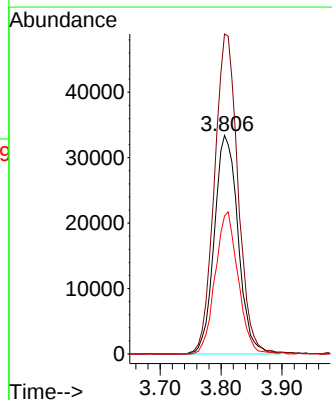
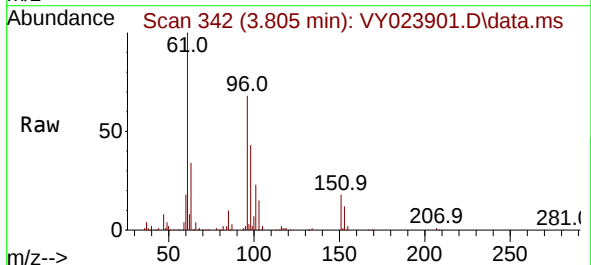
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

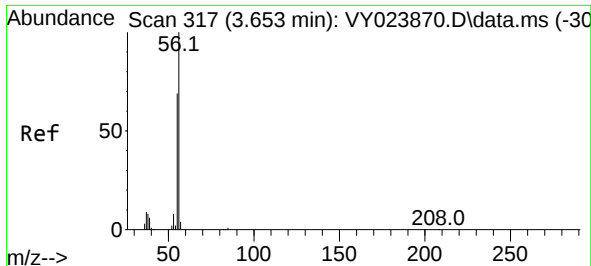
Tgt Ion: 59 Resp: 21925
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5



#12
1,1-Dichloroethene
Concen: 17.001 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 96 Resp: 90557
Ion Ratio Lower Upper
96 100
61 146.4 131.2 196.8
98 63.1 51.3 76.9

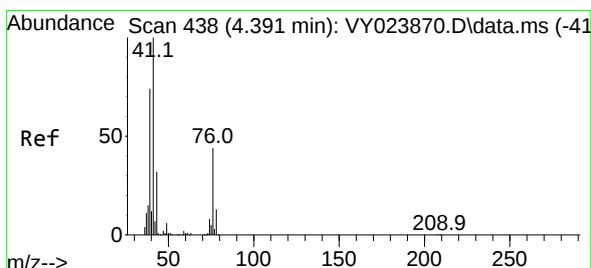
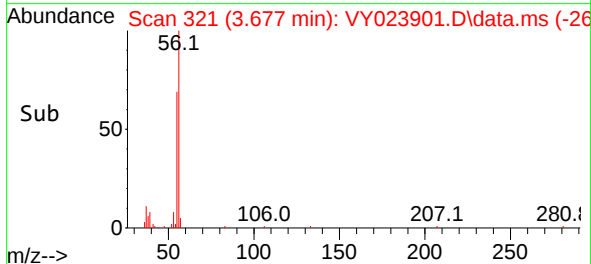
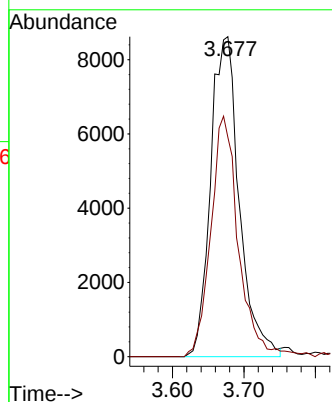
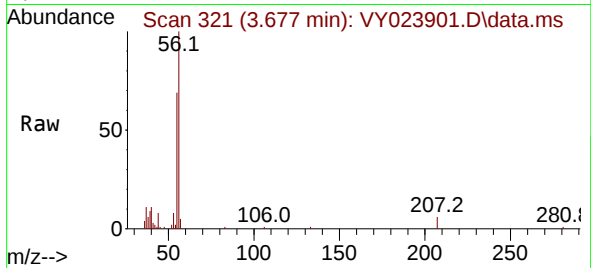




#13
Acrolein
Concen: 69.467 ug/l
RT: 3.677 min Scan# 317
Delta R.T. 0.024 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

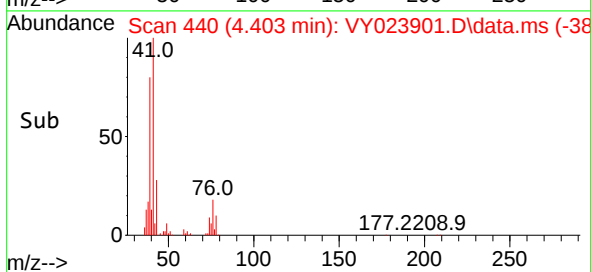
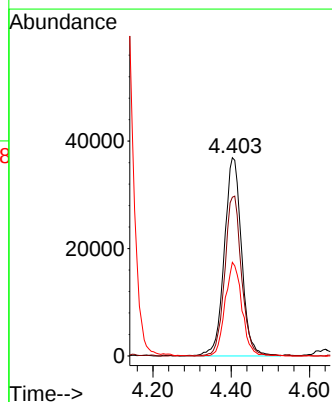
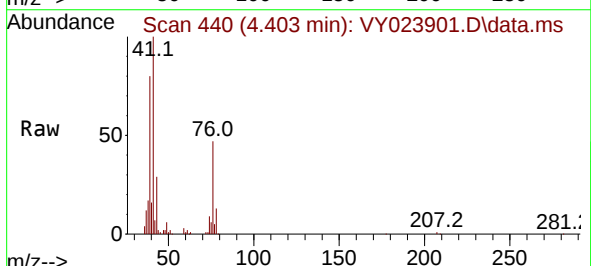
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

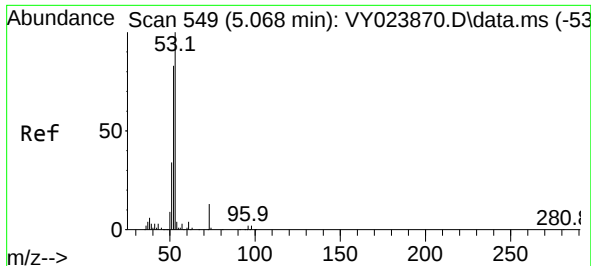
Tgt Ion: 56 Resp: 23988
Ion Ratio Lower Upper
56 100
55 72.7 59.0 88.6



#14
Allyl chloride
Concen: 13.319 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 41 Resp: 113432
Ion Ratio Lower Upper
41 100
39 78.5 57.4 86.0
76 45.7 30.8 46.2

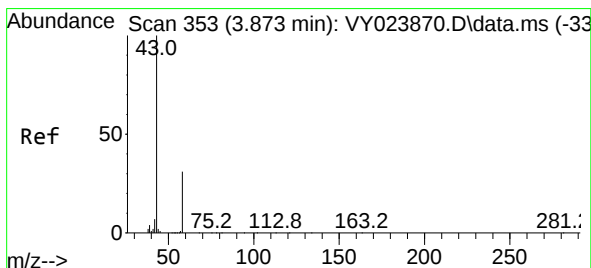
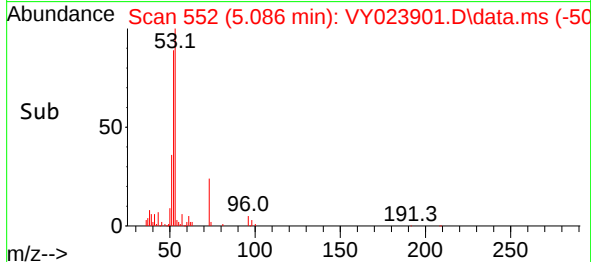
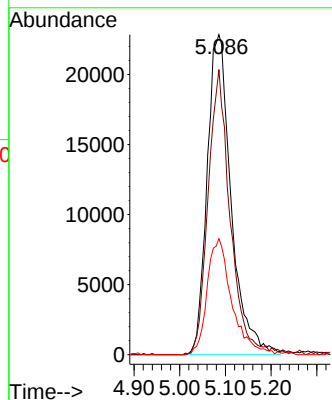
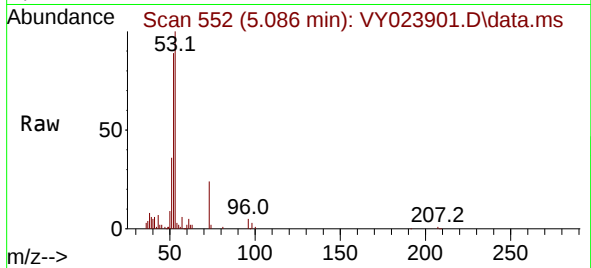




#15
Acrylonitrile
Concen: 67.311 ug/l
RT: 5.086 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

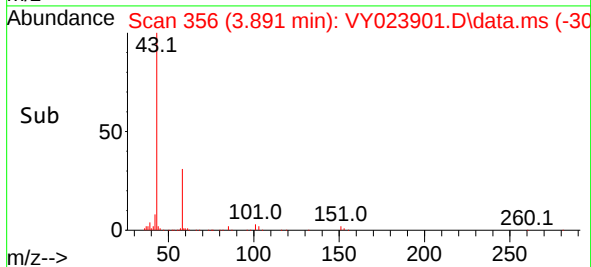
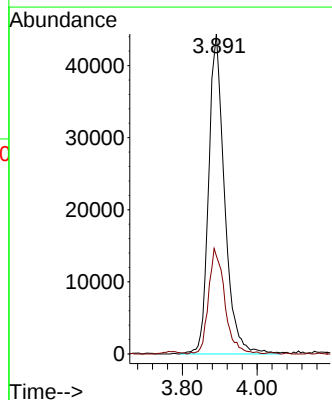
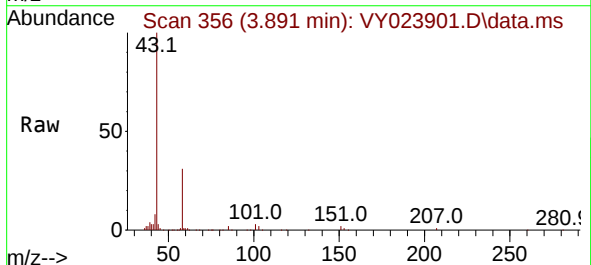
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

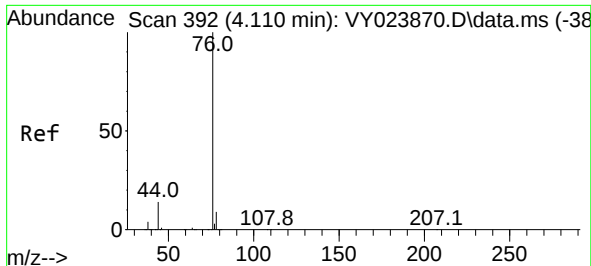
Tgt Ion: 53 Resp: 83510
Ion Ratio Lower Upper
53 100
52 82.0 65.1 97.7
51 37.0 29.5 44.3



#16
Acetone
Concen: 79.250 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 43 Resp: 131353
Ion Ratio Lower Upper
43 100
58 30.6 25.1 37.7

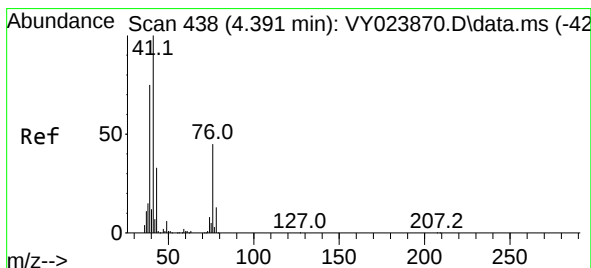
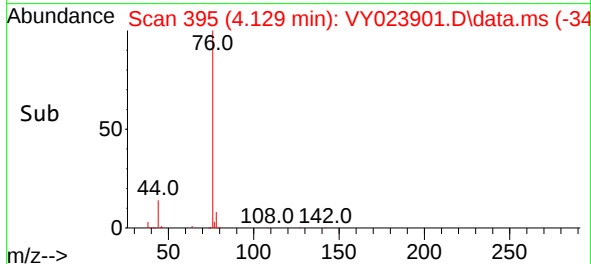
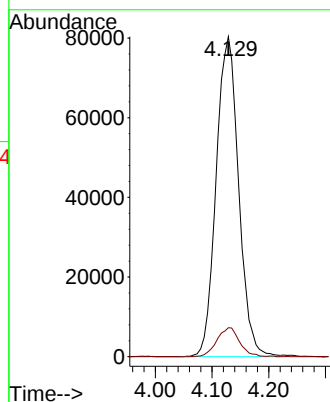
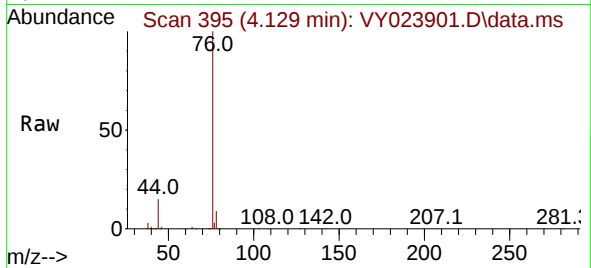




#17
Carbon Disulfide
Concen: 14.051 ug/l
RT: 4.129 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

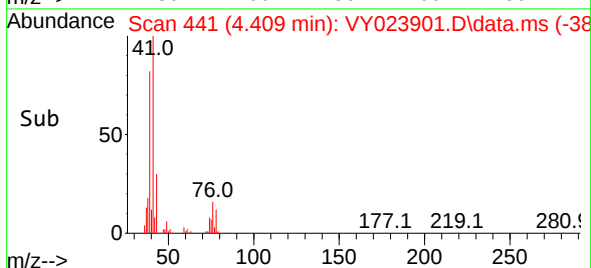
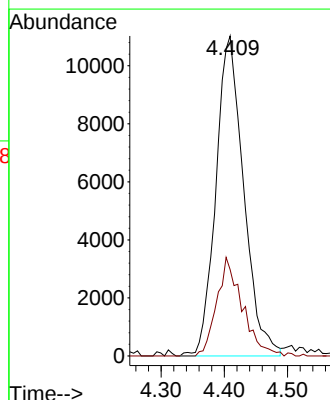
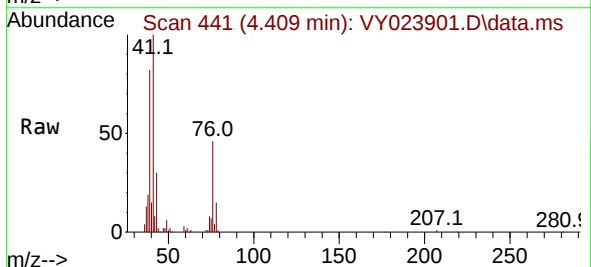
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

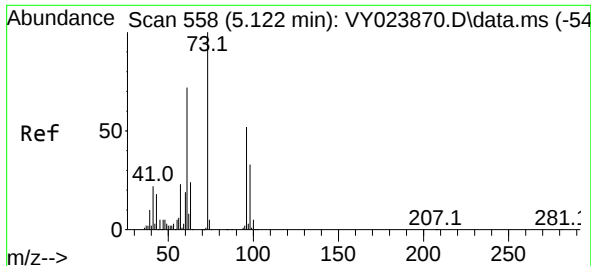
Tgt Ion: 76 Resp: 221134
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 11.959 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 43 Resp: 33621
Ion Ratio Lower Upper
43 100
74 28.4 19.6 29.4

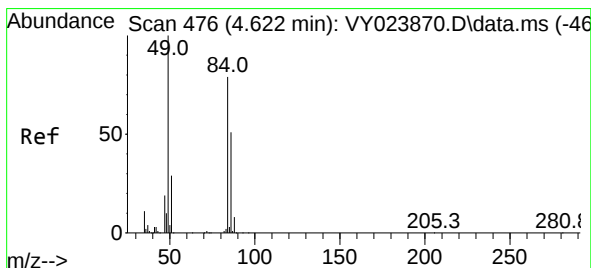
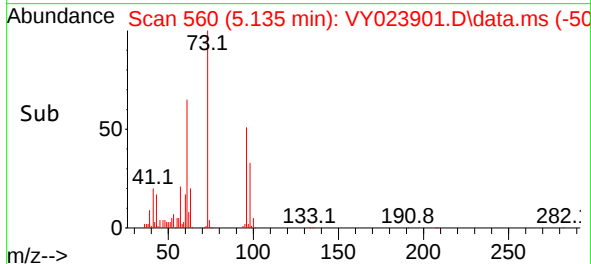
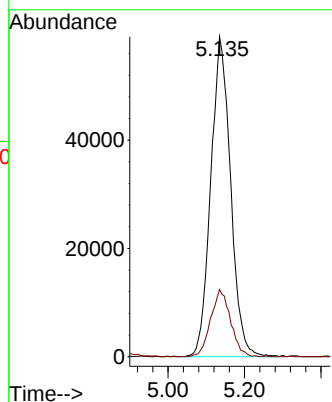
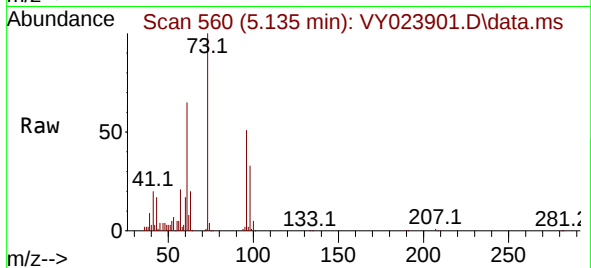




#19
Methyl tert-butyl Ether
Concen: 15.881 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

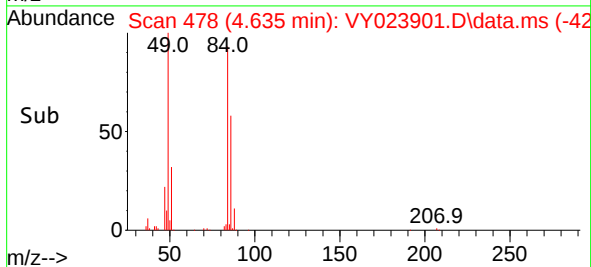
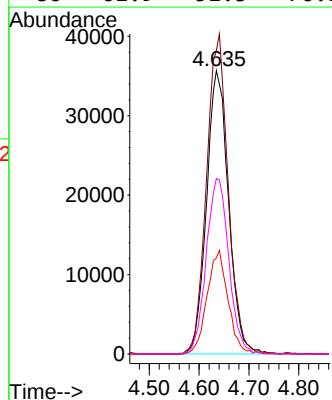
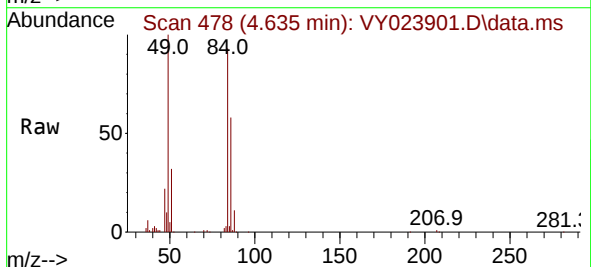
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

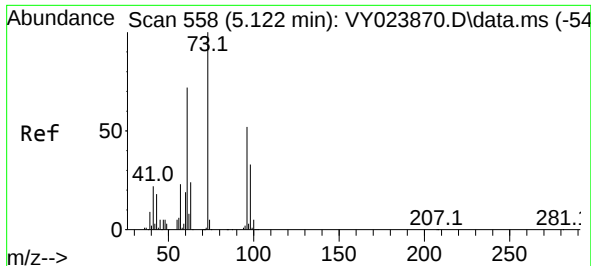
Tgt Ion: 73 Resp: 212493
Ion Ratio Lower Upper
73 100
57 21.0 18.2 27.2



#20
Methylene Chloride
Concen: 17.068 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 84 Resp: 109244
Ion Ratio Lower Upper
84 100
49 107.1 100.6 151.0
51 33.9 29.0 43.6
86 61.9 51.3 76.9

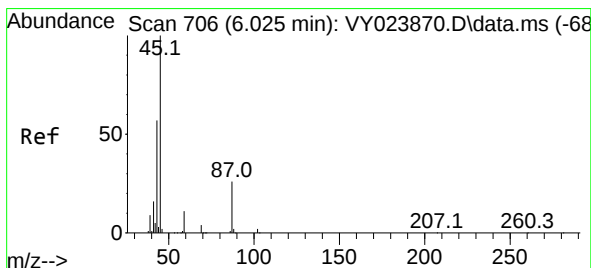
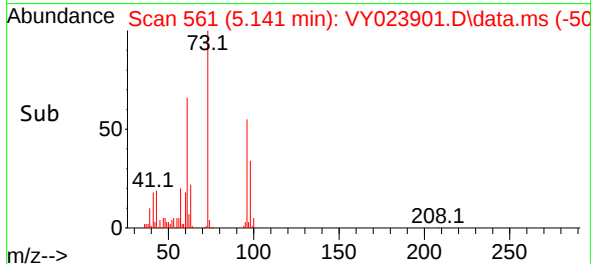
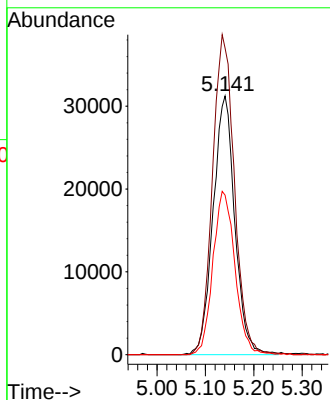
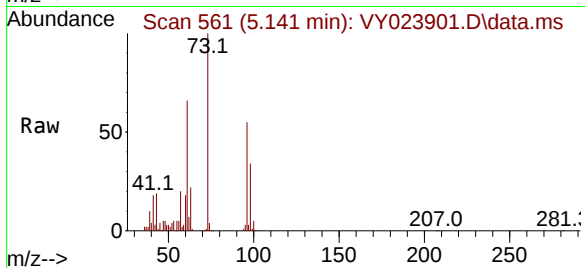




#21
trans-1,2-Dichloroethene
Concen: 16.582 ug/l
RT: 5.141 min Scan# 501
Delta R.T. 0.018 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

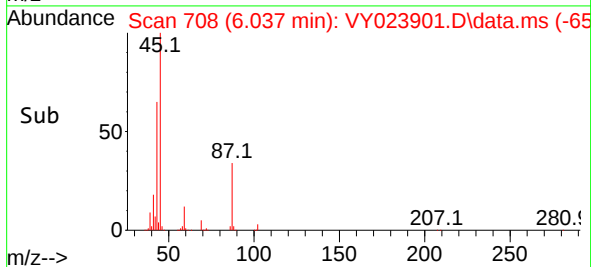
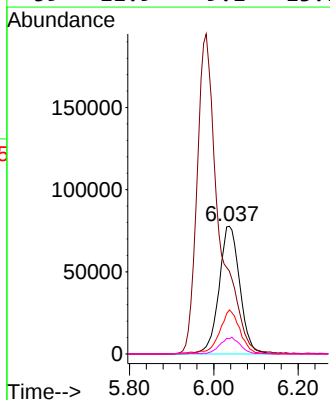
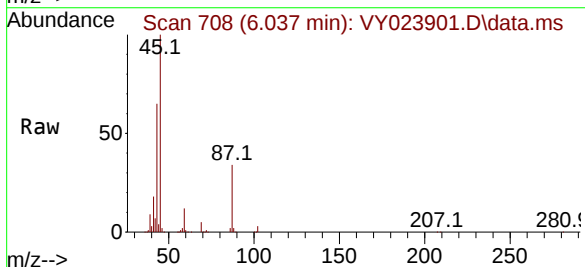
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

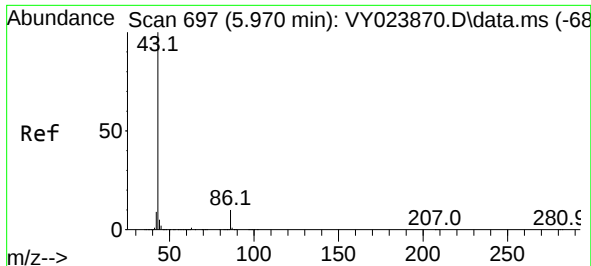
Tgt Ion: 96 Resp: 97453
Ion Ratio Lower Upper
96 100
61 118.5 111.7 167.5
98 61.7 51.5 77.3



#22
Diisopropyl ether
Concen: 14.136 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 45 Resp: 265060
Ion Ratio Lower Upper
45 100
43 64.2 45.5 68.3
87 34.5 20.7 31.1#
59 11.9 9.1 13.7

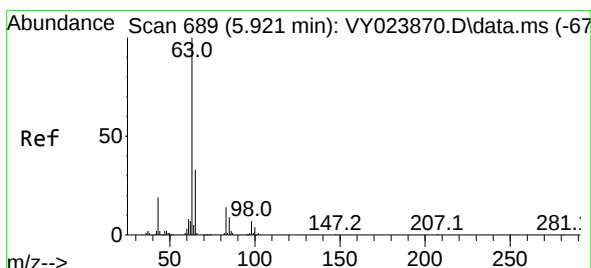
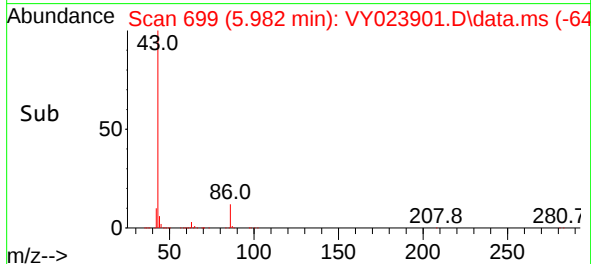
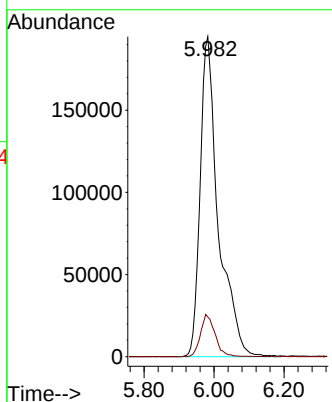
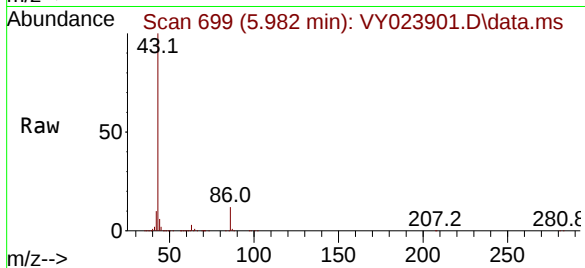




#23
 Vinyl Acetate
 Concen: 67.665 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY023901.D
 Acq: 09 Dec 2025 12:19

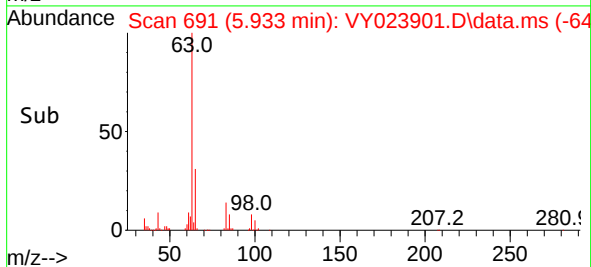
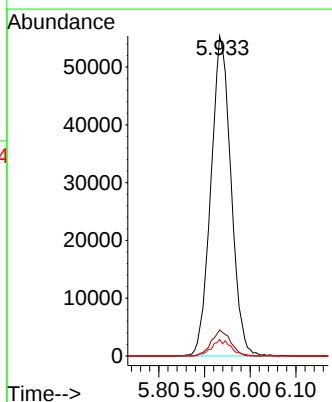
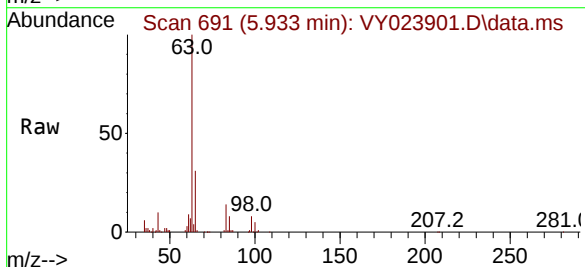
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBSD01

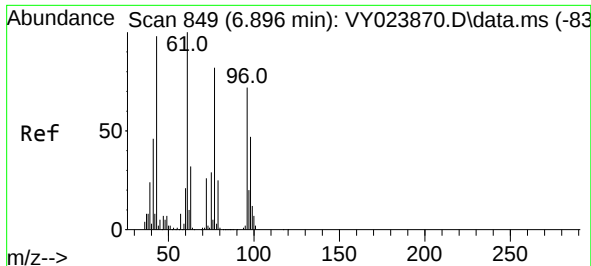
Tgt Ion: 43 Resp: 703321
 Ion Ratio Lower Upper
 43 100
 86 12.4 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 15.618 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY023901.D
 Acq: 09 Dec 2025 12:19

Tgt Ion: 63 Resp: 169210
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.4 10.1
 100 5.2 2.2 6.6

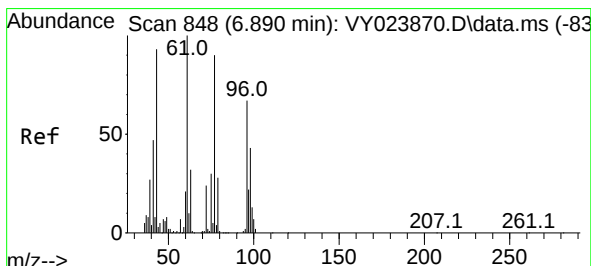
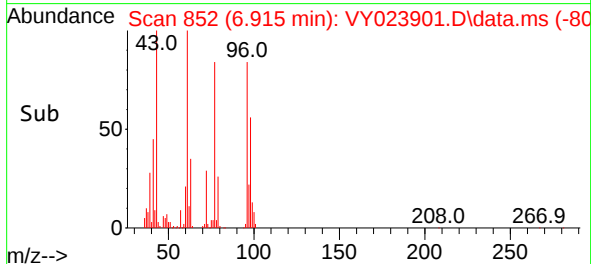
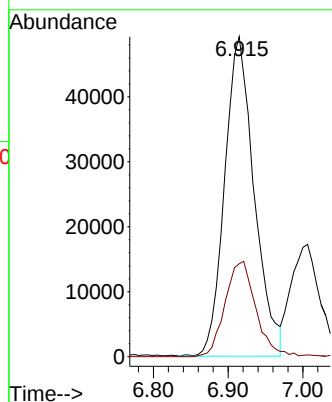
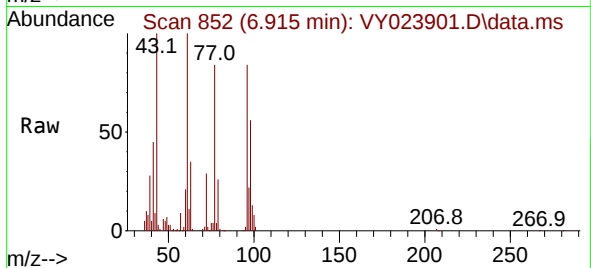




#25
2-Butanone
Concen: 67.773 ug/l
RT: 6.915 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

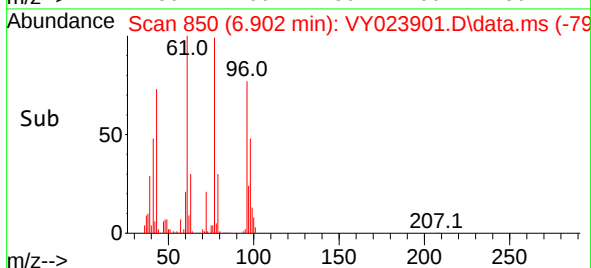
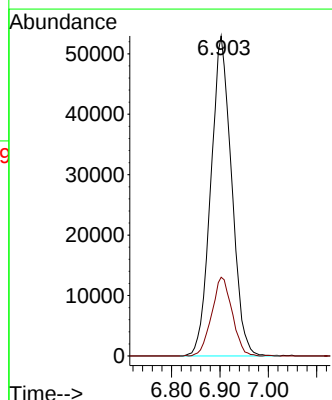
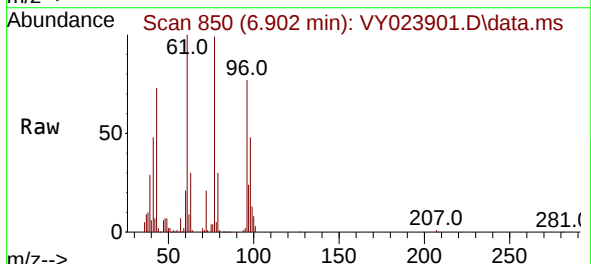
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

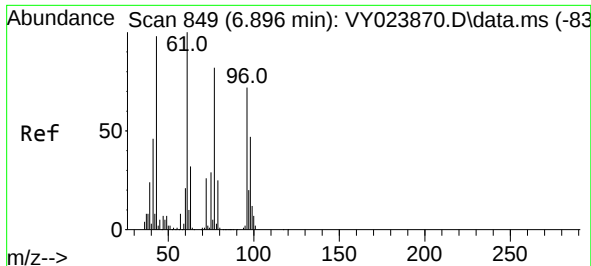
Tgt Ion: 43 Resp: 135415
Ion Ratio Lower Upper
43 100
72 29.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 15.921 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 77 Resp: 158091
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.8

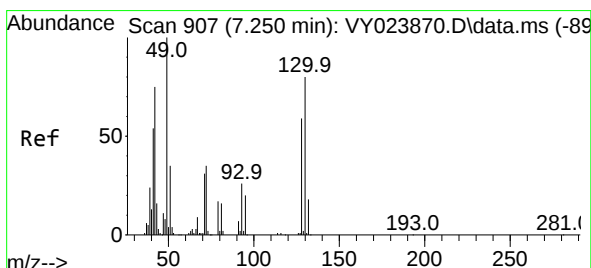
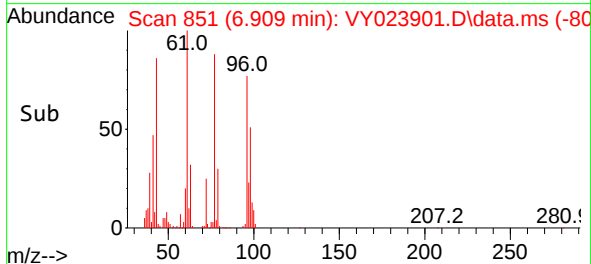
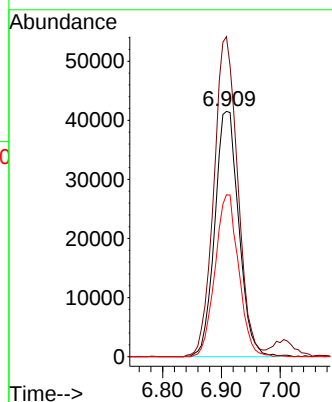
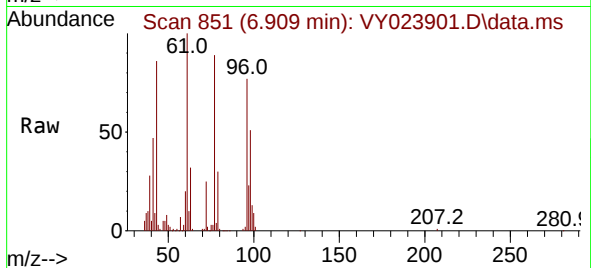




#27
 cis-1,2-Dichloroethene
 Concen: 17.280 ug/l
 RT: 6.909 min Scan# 851
 Delta R.T. 0.012 min
 Lab File: VY023901.D
 Acq: 09 Dec 2025 12:19

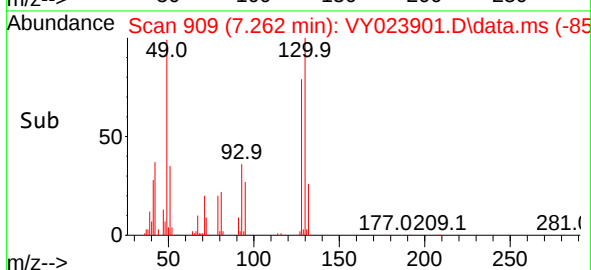
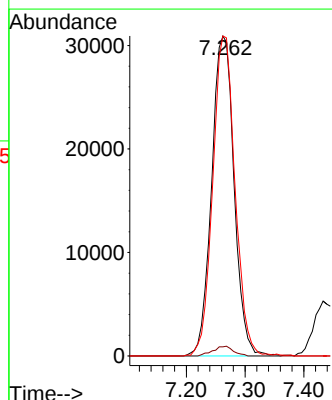
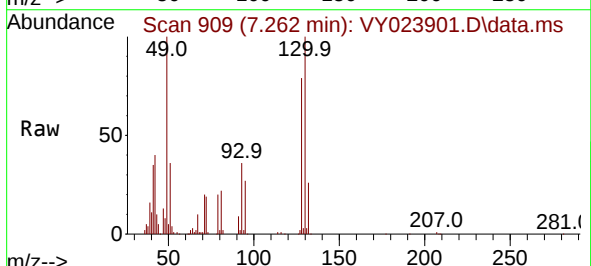
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBSD01

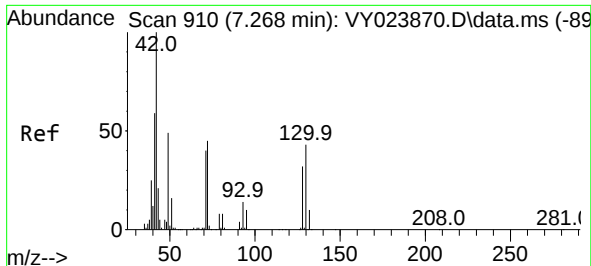
Tgt Ion: 96 Resp: 117925
 Ion Ratio Lower Upper
 96 100
 61 129.8 0.0 292.8
 98 64.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.798 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.012 min
 Lab File: VY023901.D
 Acq: 09 Dec 2025 12:19

Tgt Ion: 49 Resp: 81957
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.2
 130 99.3 61.0 91.6#





#29

Tetrahydrofuran

Concen: 60.827 ug/l

RT: 7.280 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

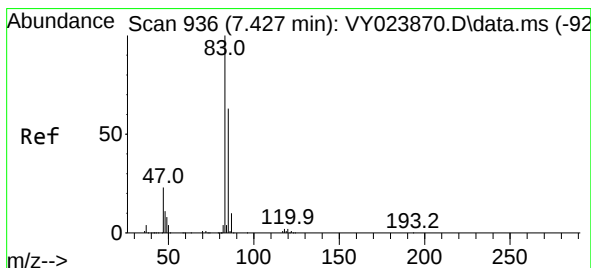
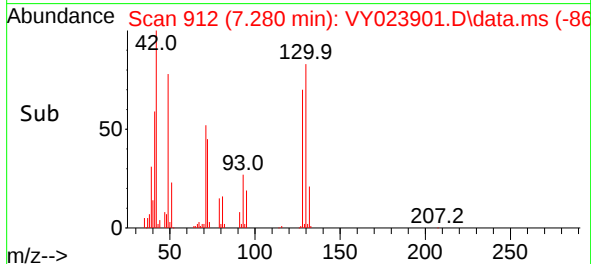
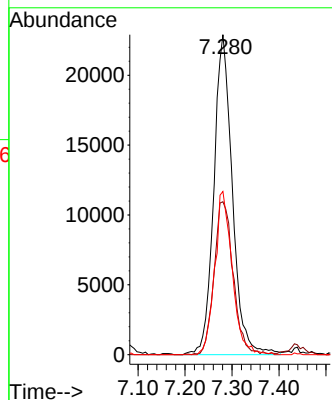
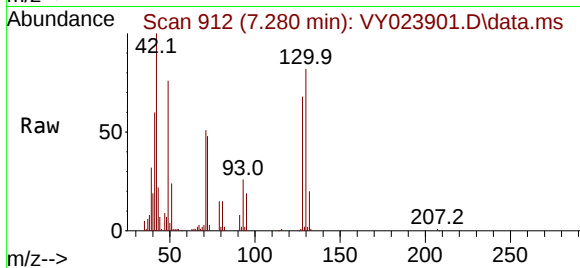
Tgt Ion: 42 Resp: 62854

Ion Ratio Lower Upper

42 100

72 49.3 35.6 53.4

71 48.3 32.5 48.7



#30

Chloroform

Concen: 16.780 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY023901.D

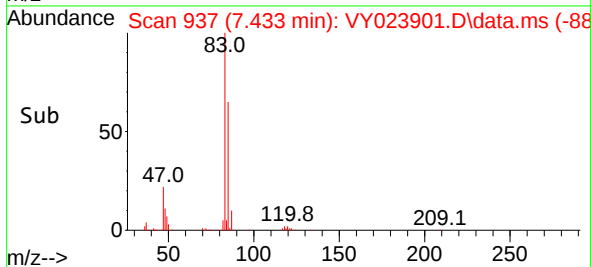
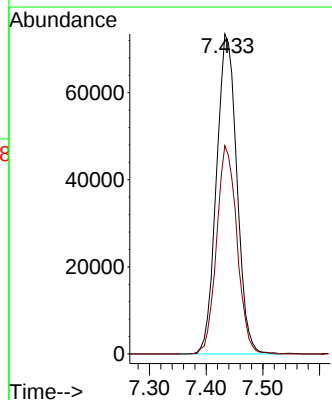
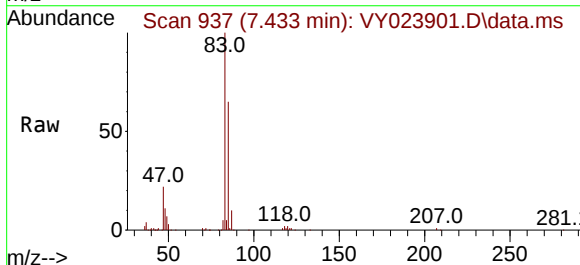
Acq: 09 Dec 2025 12:19

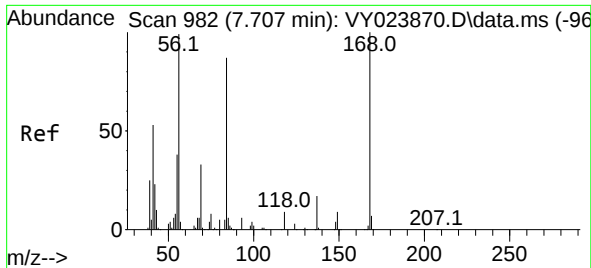
Tgt Ion: 83 Resp: 183705

Ion Ratio Lower Upper

83 100

85 65.1 50.6 76.0

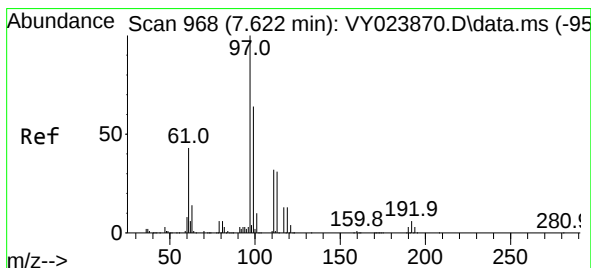
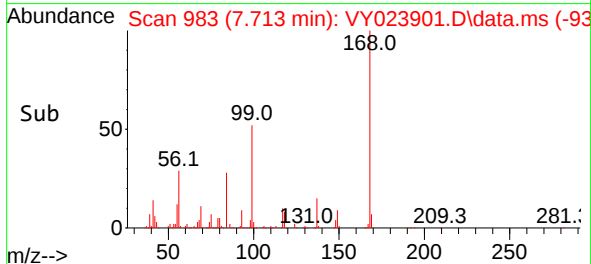
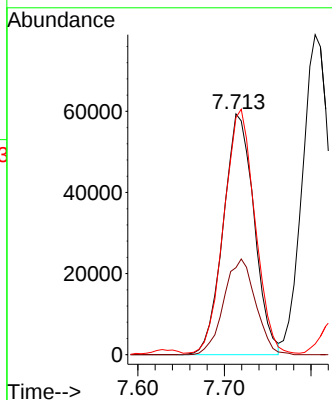
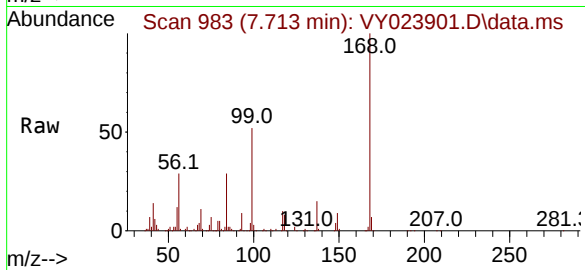




#31
Cyclohexane
Concen: 14.184 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

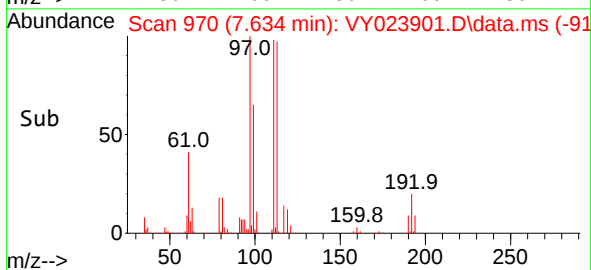
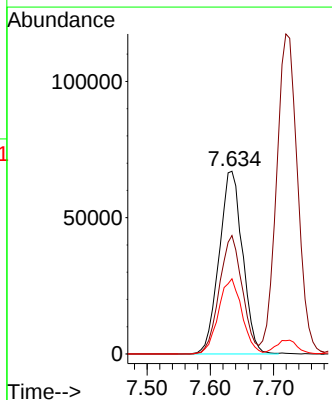
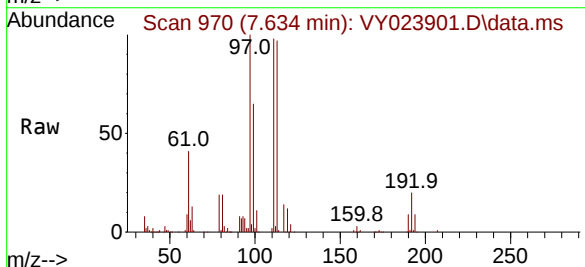
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

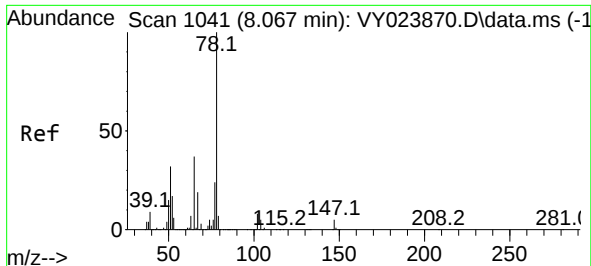
Tgt Ion: 56 Resp: 146927
Ion Ratio Lower Upper
56 100
69 36.2 26.8 40.2
84 97.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 17.436 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 97 Resp: 172320
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 41.3 34.9 52.3

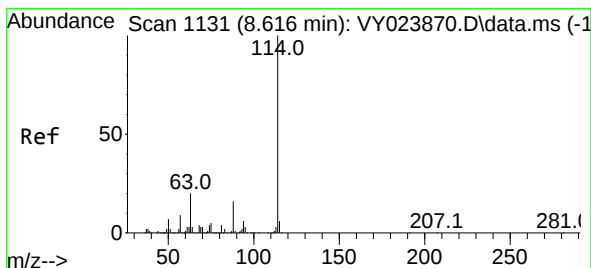
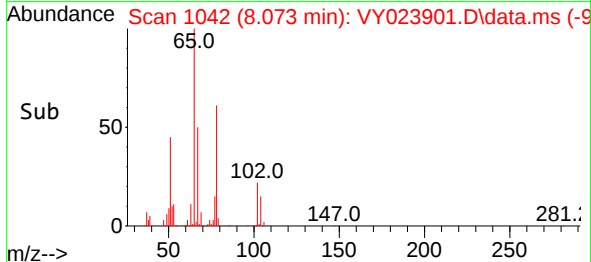
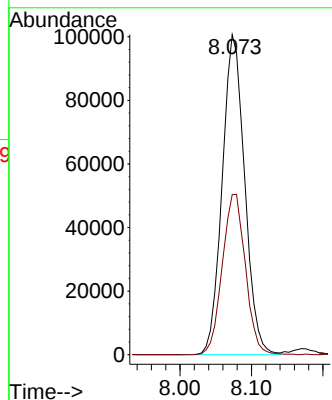
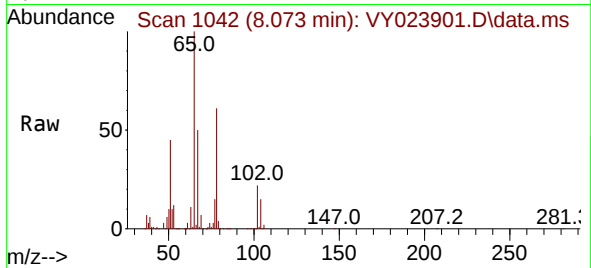




#33
1,2-Dichloroethane-d4
Concen: 39.713 ug/l
RT: 8.073 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

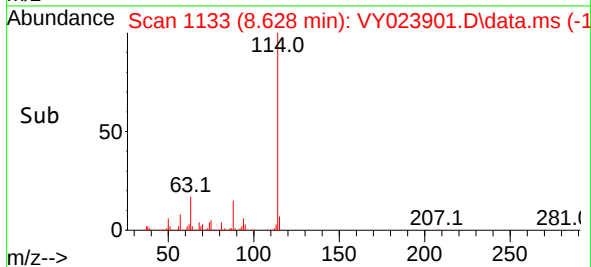
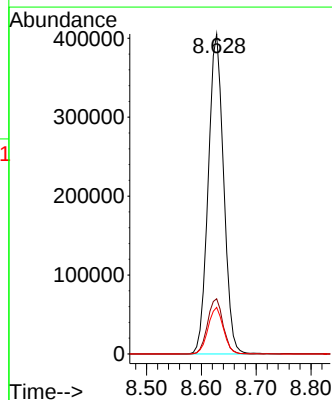
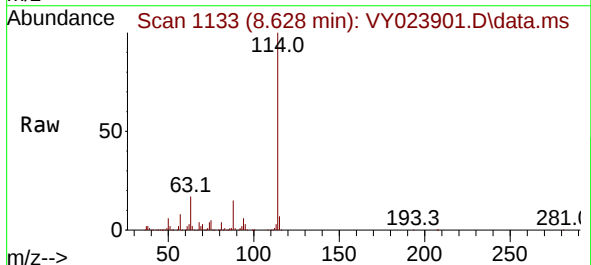
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

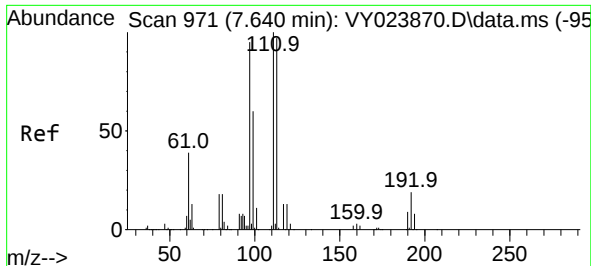
Tgt Ion: 65 Resp: 219659
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion:114 Resp: 787453
Ion Ratio Lower Upper
114 100
63 17.2 0.0 39.2
88 14.6 0.0 31.4

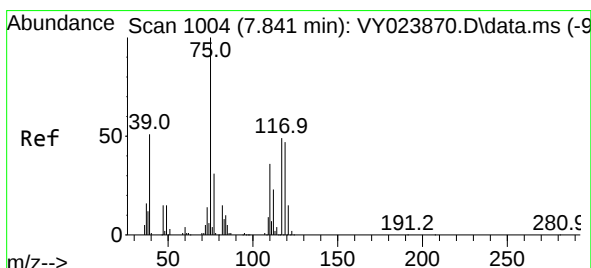
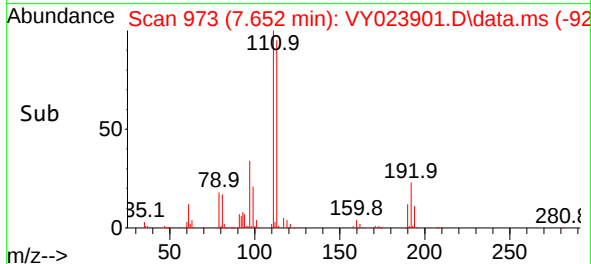
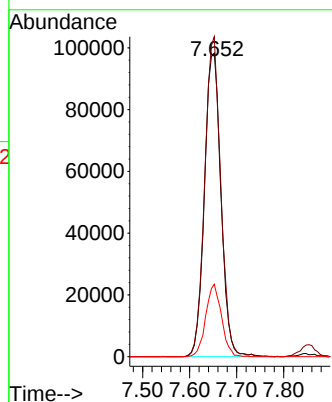
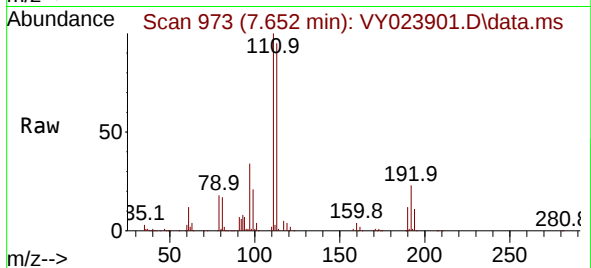




#35
Dibromofluoromethane
Concen: 47.397 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

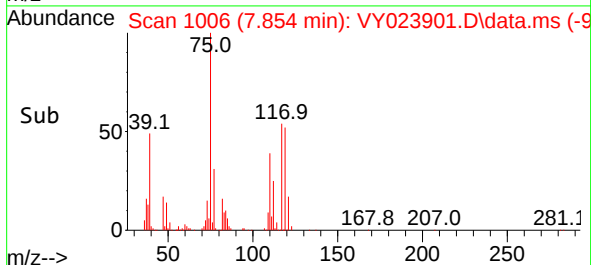
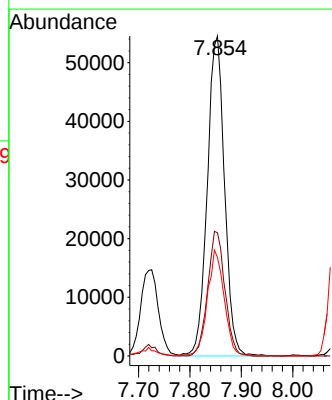
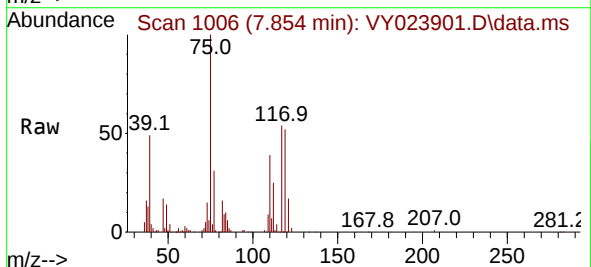
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

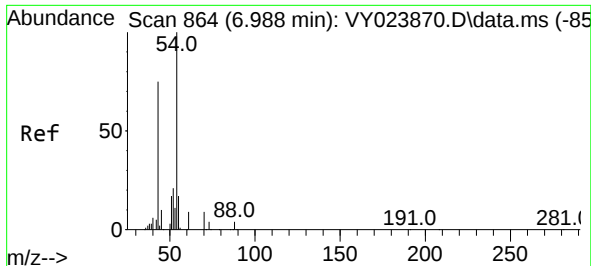
Tgt Ion:113 Resp: 239380
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 22.9 15.8 23.8



#36
1,1-Dichloropropene
Concen: 17.089 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 75 Resp: 127267
Ion Ratio Lower Upper
75 100
110 39.0 17.6 52.9
77 32.3 24.6 37.0





#37

Ethyl Acetate

Concen: 13.880 ug/l

RT: 7.006 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

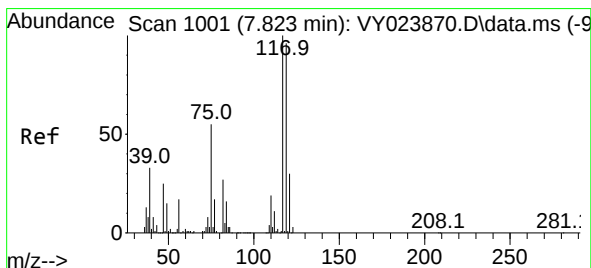
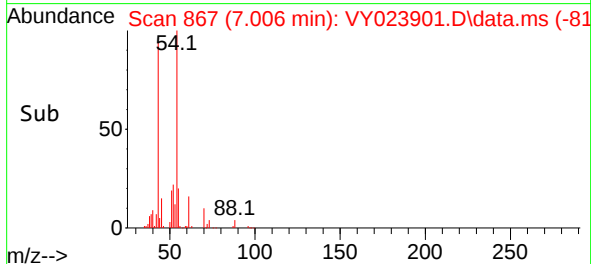
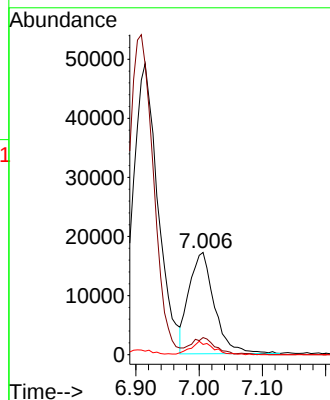
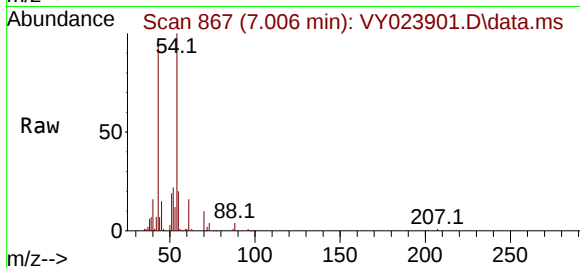
Tgt Ion: 43 Resp: 47730

Ion Ratio Lower Upper

43 100

61 14.0 11.0 16.4

70 11.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.257 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

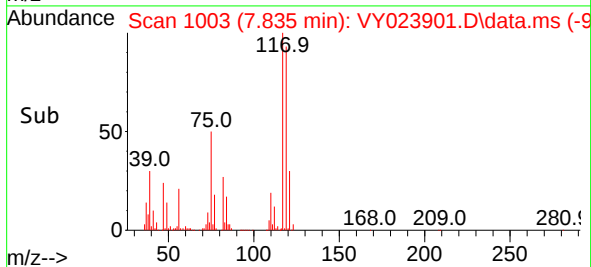
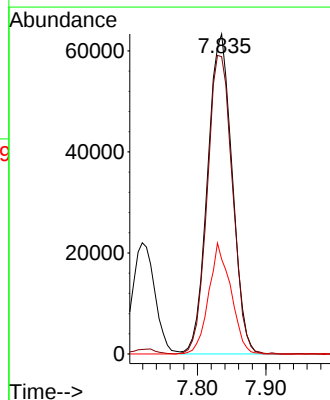
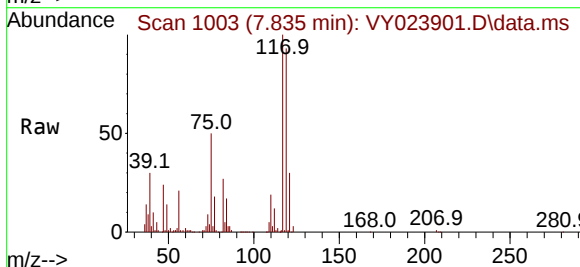
Tgt Ion: 117 Resp: 158277

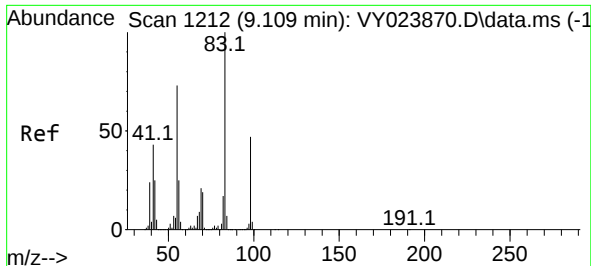
Ion Ratio Lower Upper

117 100

119 92.9 77.0 115.6

121 29.6 23.9 35.9





#39

Methylcyclohexane

Concen: 17.119 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

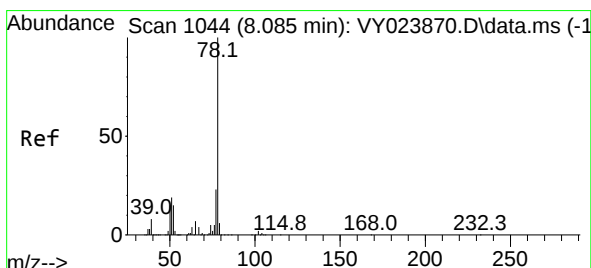
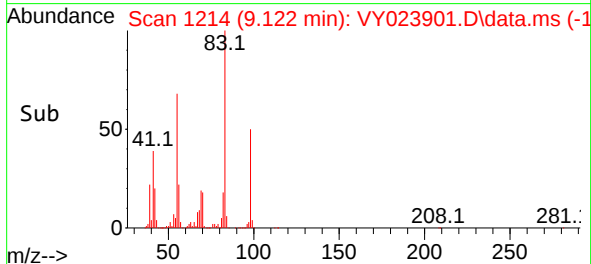
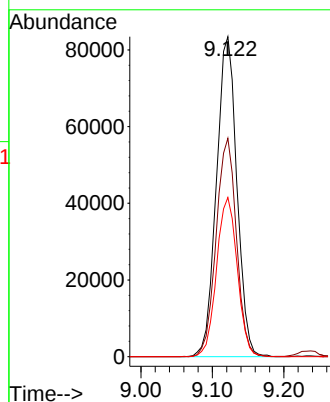
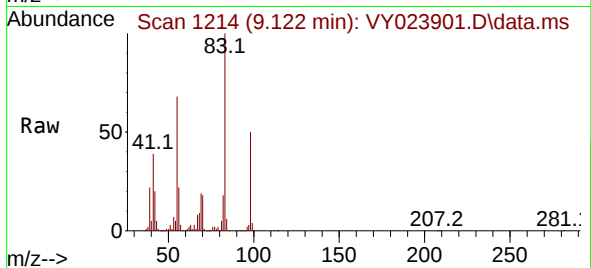
Tgt Ion: 83 Resp: 165945

Ion Ratio Lower Upper

83 100

55 68.2 58.8 88.2

98 49.8 37.8 56.6



#40

Benzene

Concen: 17.457 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY023901.D

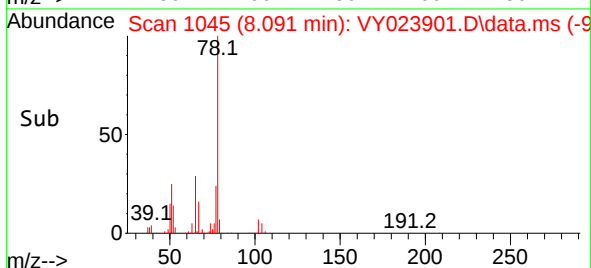
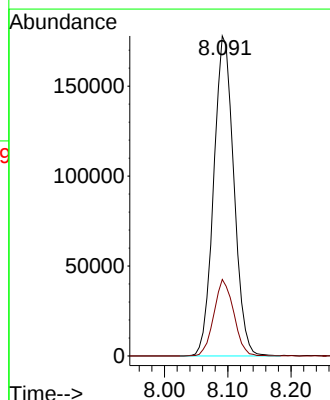
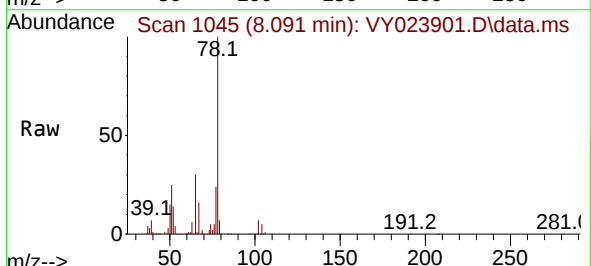
Acq: 09 Dec 2025 12:19

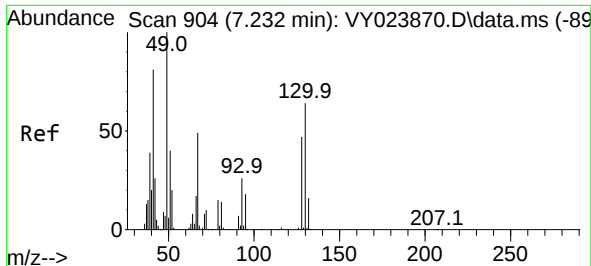
Tgt Ion: 78 Resp: 392951

Ion Ratio Lower Upper

78 100

77 23.9 18.6 28.0

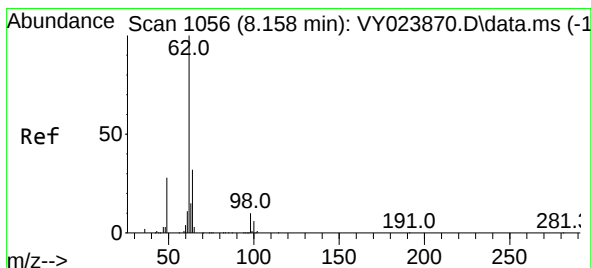
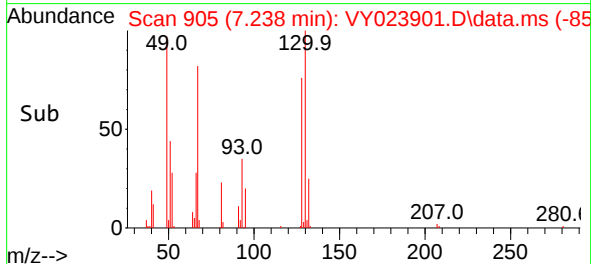
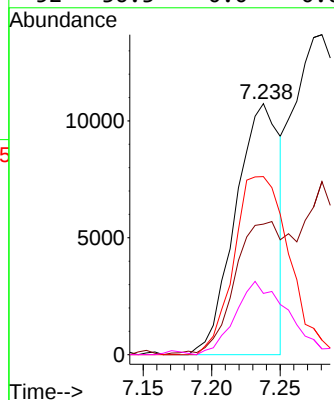
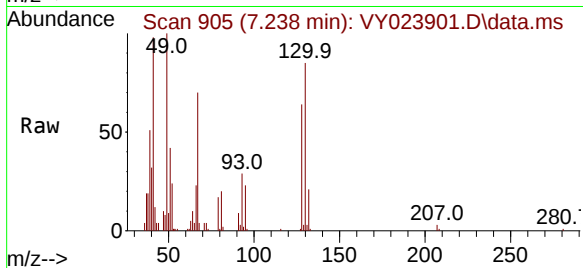




#41
Methacrylonitrile
Concen: 13.576 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

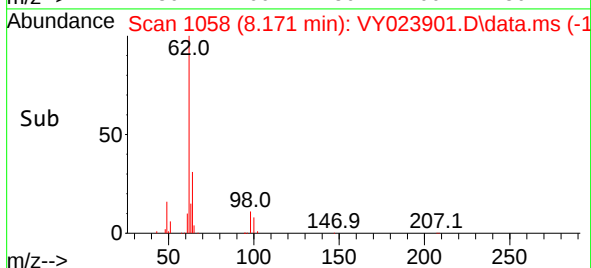
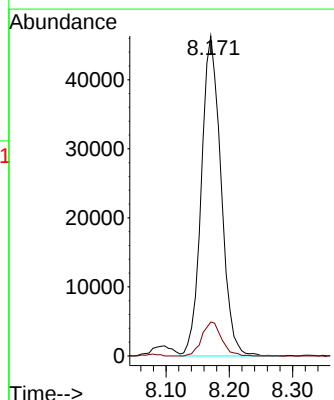
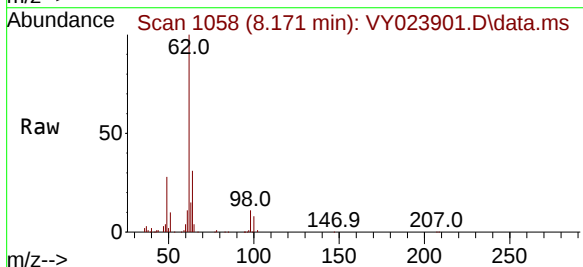
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

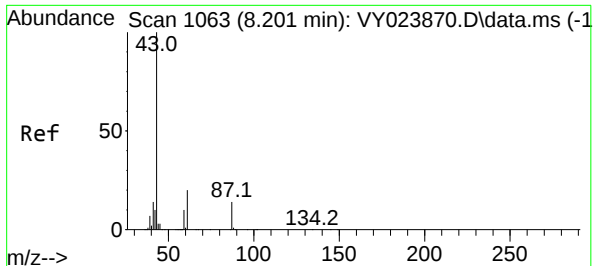
Tgt Ion: 41 Resp: 24066
Ion Ratio Lower Upper
41 100
39 69.7 49.4 74.2
67 89.8 0.0 0.0#
52 36.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 17.044 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 62 Resp: 100117
Ion Ratio Lower Upper
62 100
98 10.7 0.0 19.2





#43

Isopropyl Acetate

Concen: 14.110 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

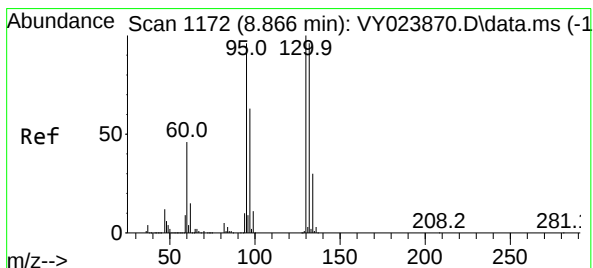
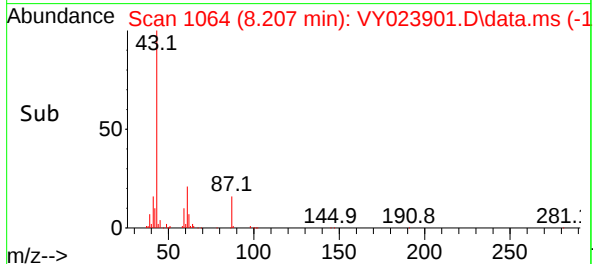
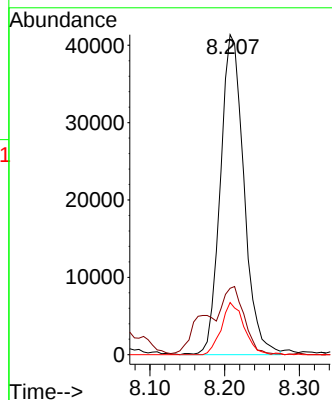
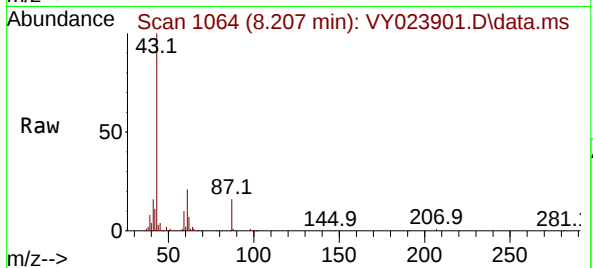
Tgt Ion: 43 Resp: 90787

Ion Ratio Lower Upper

43 100

61 20.1 24.2 36.4#

87 15.7 11.0 16.4



#44

Trichloroethene

Concen: 19.960 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.012 min

Lab File: VY023901.D

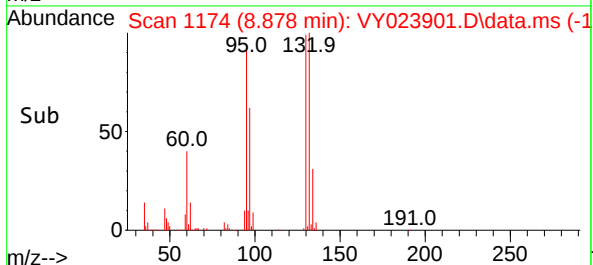
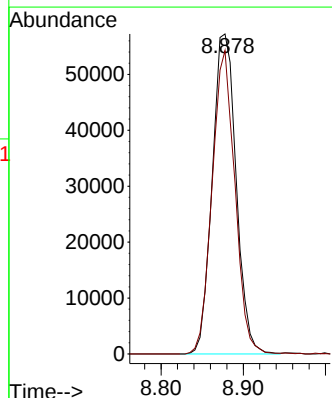
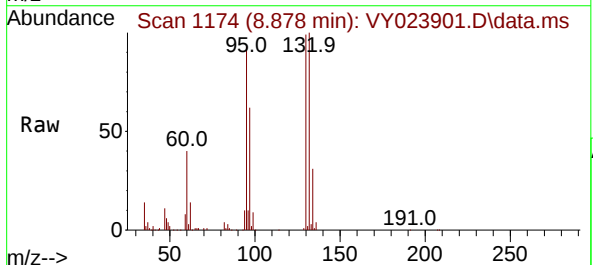
Acq: 09 Dec 2025 12:19

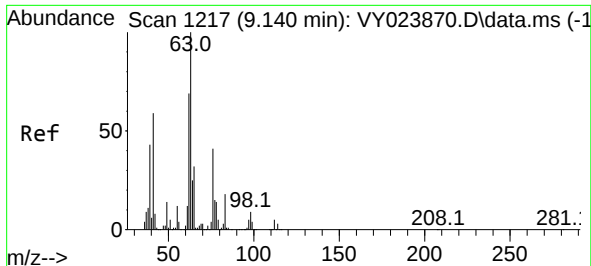
Tgt Ion:130 Resp: 115610

Ion Ratio Lower Upper

130 100

95 94.8 0.0 192.4





#45

1,2-Dichloropropane

Concen: 16.498 ug/l

RT: 9.152 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

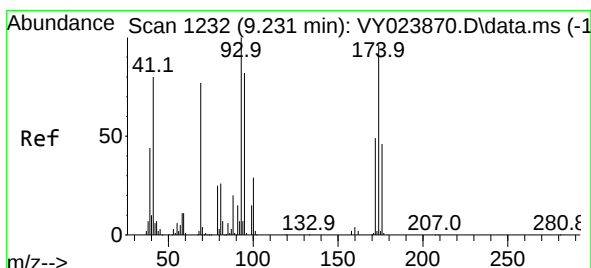
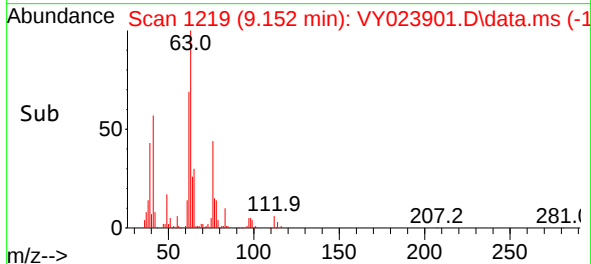
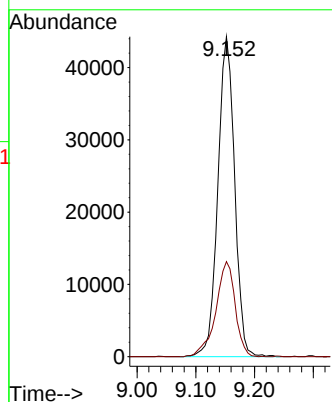
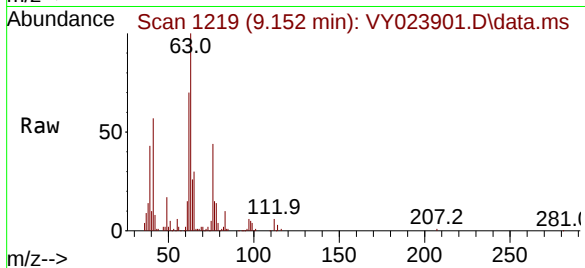
VY1209SBS01

Tgt Ion: 63 Resp: 87930

Ion Ratio Lower Upper

63 100

65 29.7 25.6 38.4



#46

Dibromomethane

Concen: 17.647 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

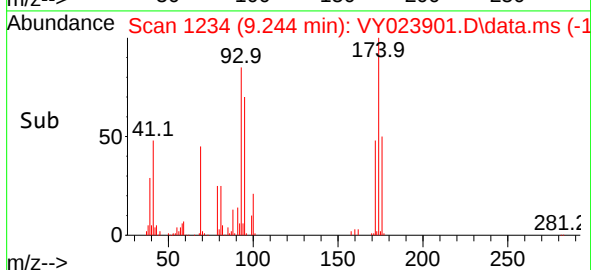
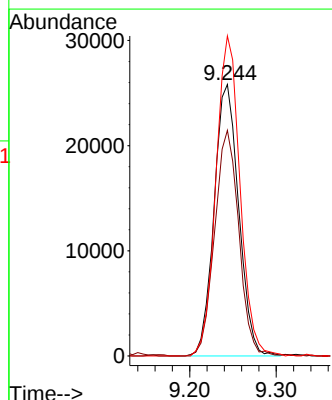
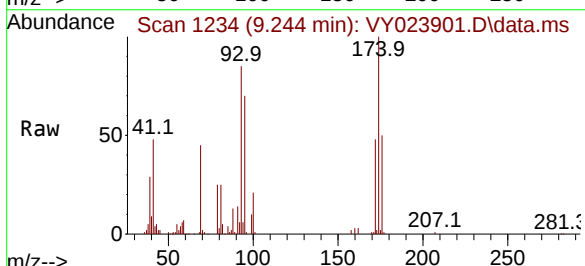
Tgt Ion: 93 Resp: 50920

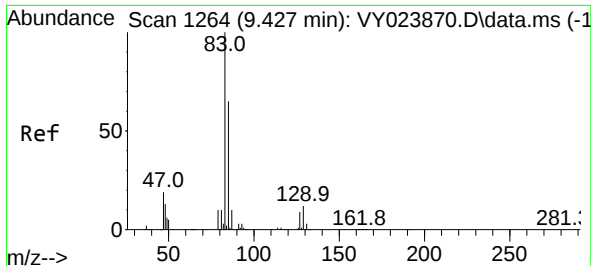
Ion Ratio Lower Upper

93 100

95 81.6 66.4 99.6

174 115.3 81.4 122.0





#47

Bromodichloromethane

Concen: 18.124 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

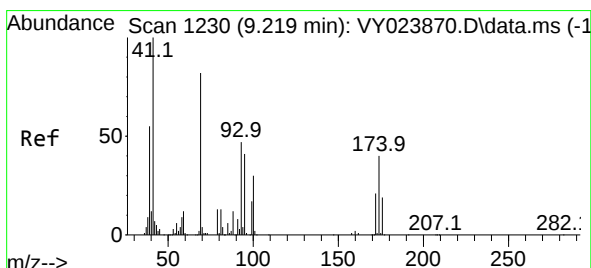
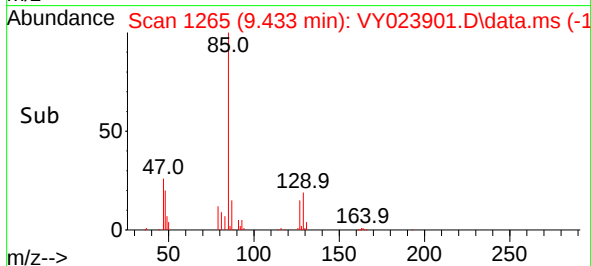
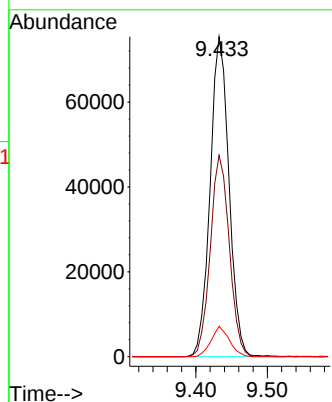
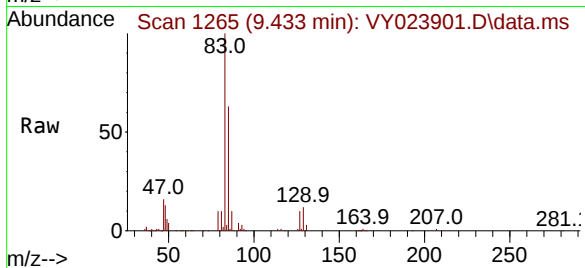
Tgt Ion: 83 Resp: 137976

Ion Ratio Lower Upper

83 100

85 62.9 51.6 77.4

127 9.5 7.2 10.8



#48

Methyl methacrylate

Concen: 13.954 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

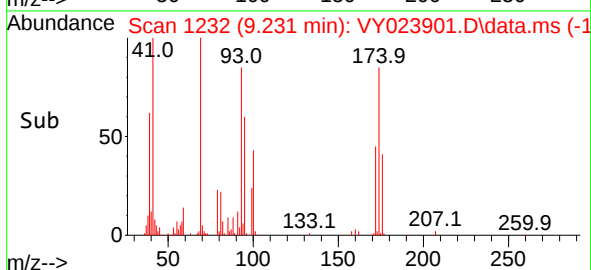
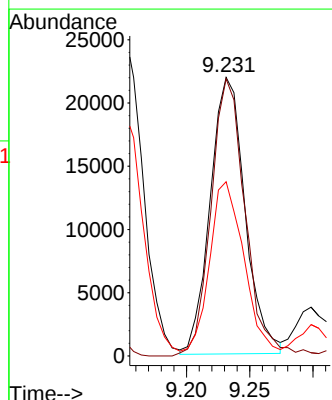
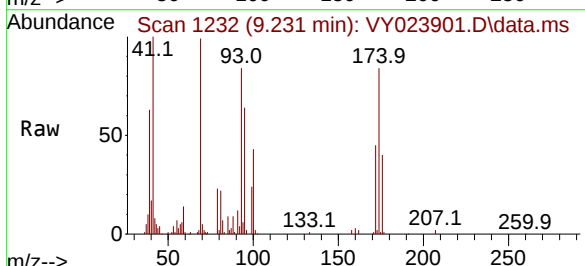
Tgt Ion: 41 Resp: 41943

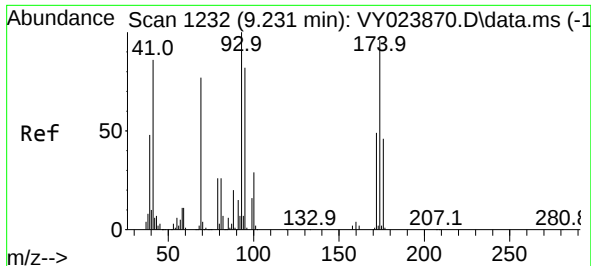
Ion Ratio Lower Upper

41 100

69 98.1 67.7 101.5

39 59.3 43.4 65.0





#49

1,4-Dioxane

Concen: 310.309 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

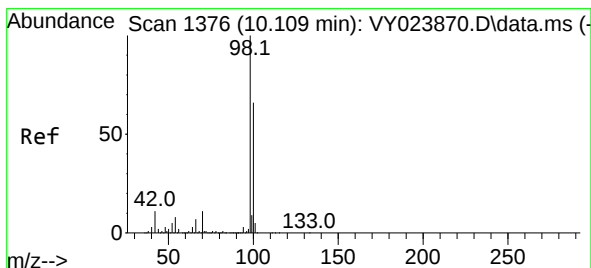
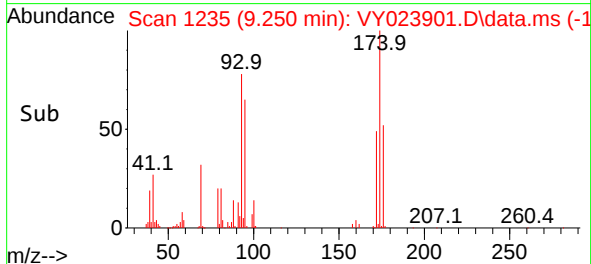
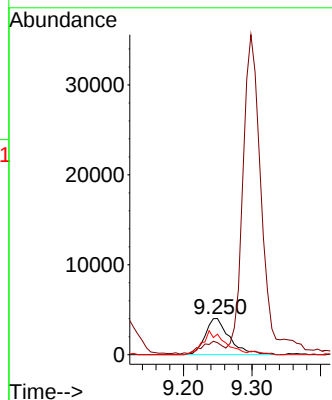
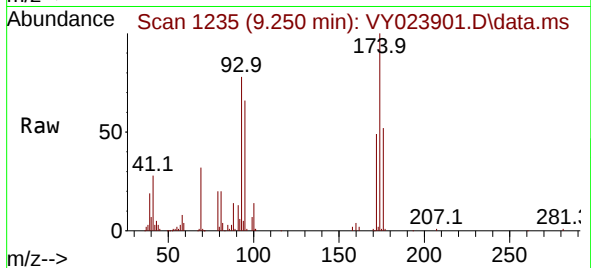
Tgt Ion: 88 Resp: 9956

Ion Ratio Lower Upper

88 100

43 31.5 26.8 40.2

58 59.5 52.4 78.6



#50

Toluene-d8

Concen: 45.661 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY023901.D

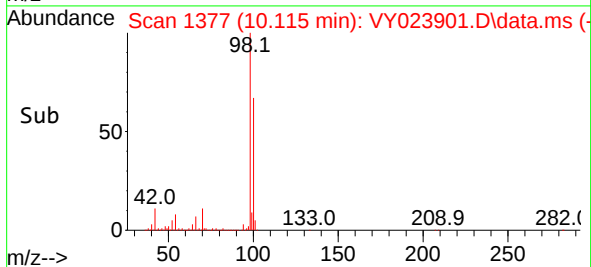
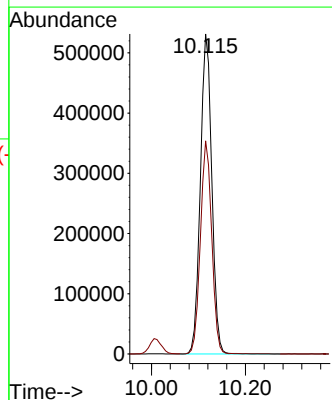
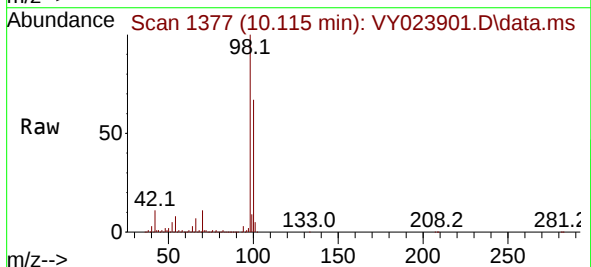
Acq: 09 Dec 2025 12:19

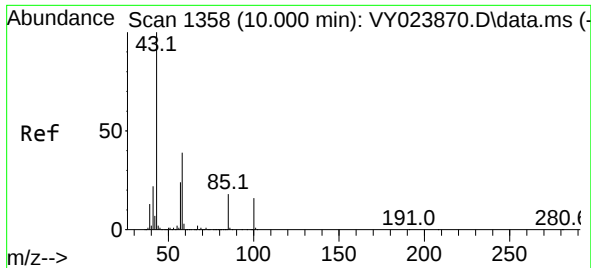
Tgt Ion: 98 Resp: 897403

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7

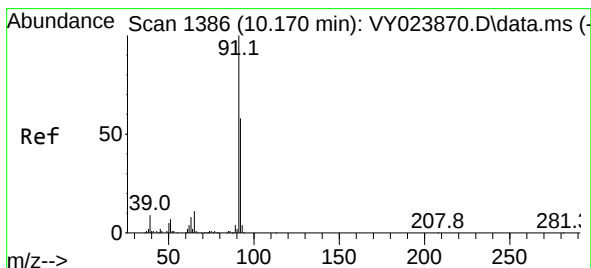
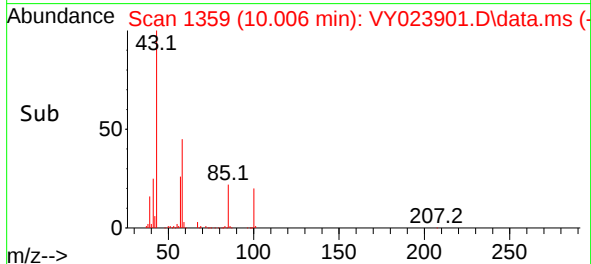
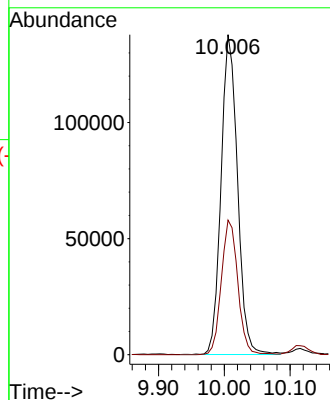
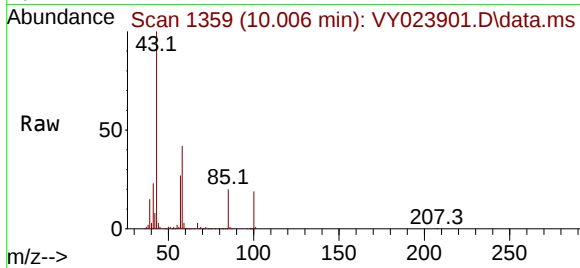




#51
4-Methyl-2-Pentanone
Concen: 70.881 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

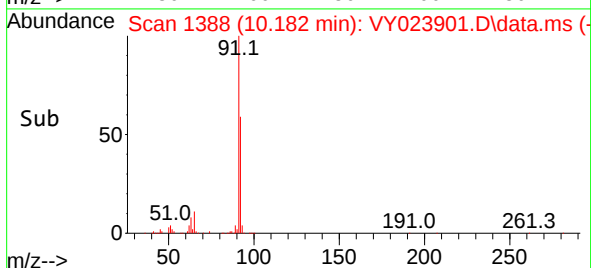
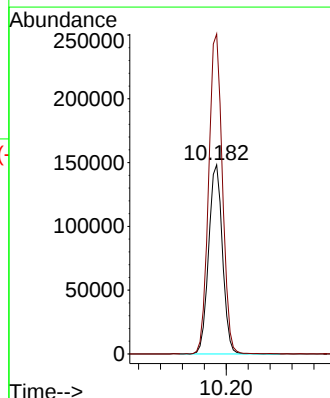
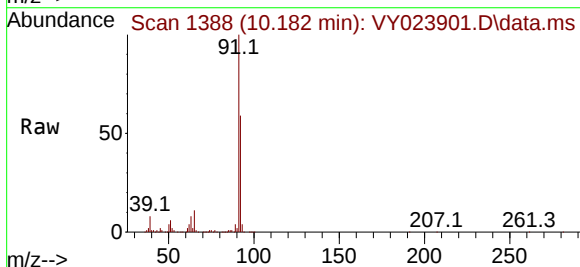
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

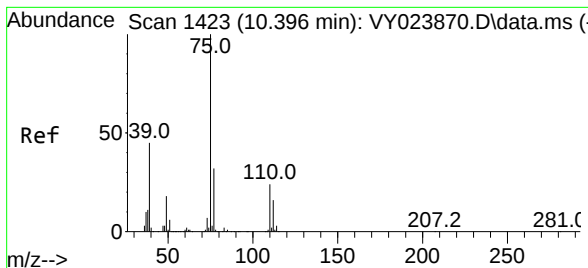
Tgt Ion: 43 Resp: 239811
Ion Ratio Lower Upper
43 100
58 42.3 31.8 47.8



#52
Toluene
Concen: 18.290 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 92 Resp: 257823
Ion Ratio Lower Upper
92 100
91 168.4 137.3 205.9

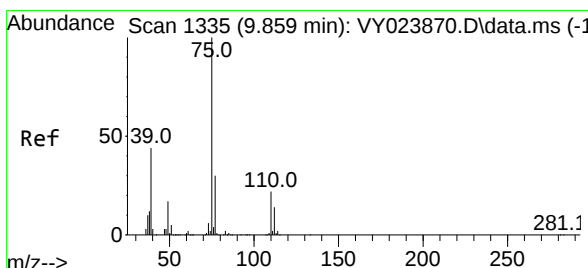
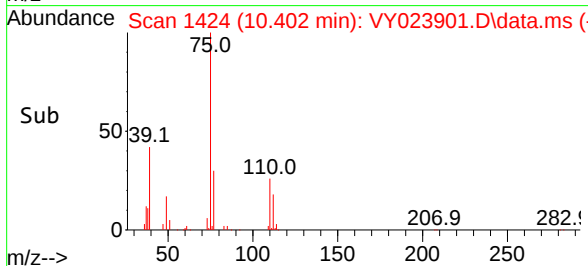
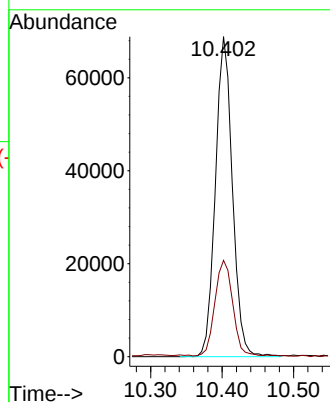
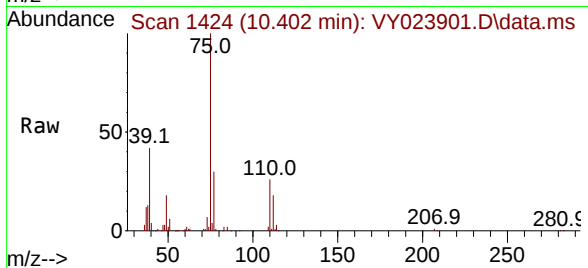




#53
 t-1,3-Dichloropropene
 Concen: 16.552 ug/l
 RT: 10.402 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023901.D
 Acq: 09 Dec 2025 12:19

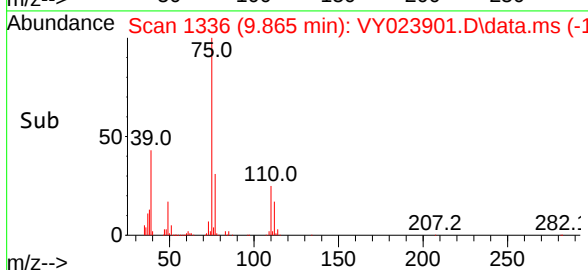
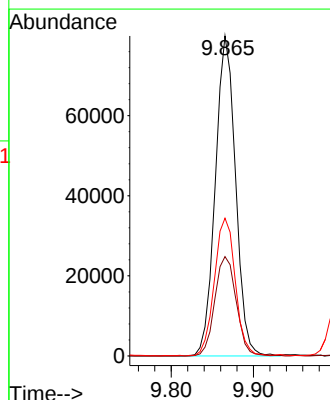
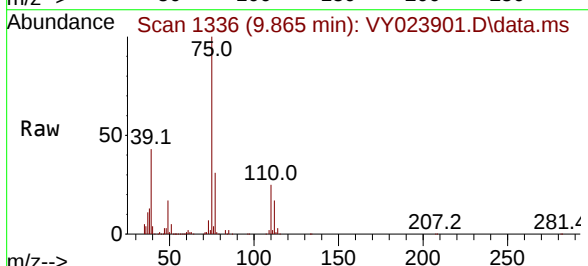
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

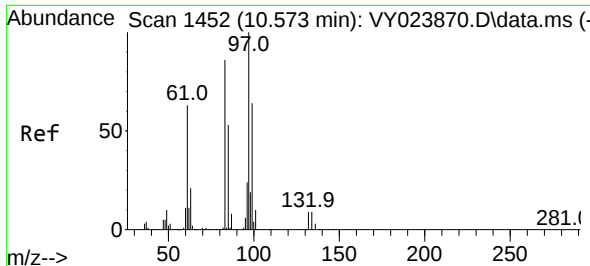
Tgt Ion: 75 Resp: 113723
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 16.929 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY023901.D
 Acq: 09 Dec 2025 12:19

Tgt Ion: 75 Resp: 136972
 Ion Ratio Lower Upper
 75 100
 77 31.0 23.8 35.6
 39 42.8 35.5 53.3

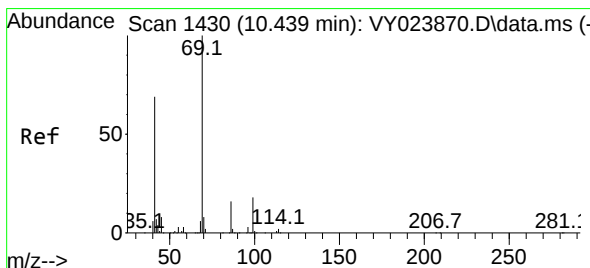
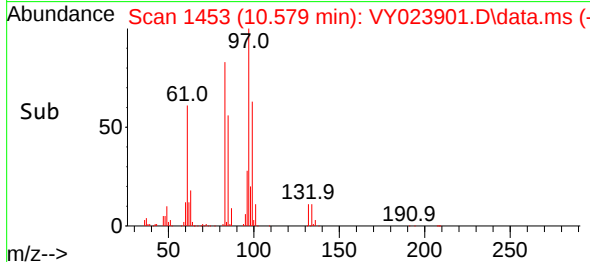
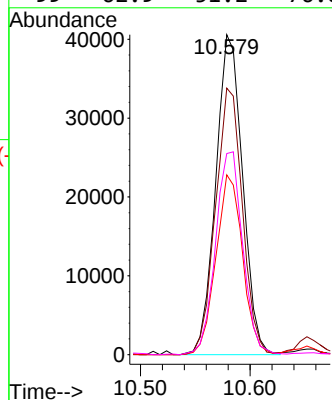
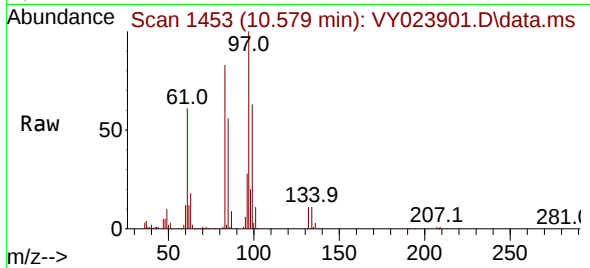




#55
1,1,2-Trichloroethane
Concen: 17.731 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

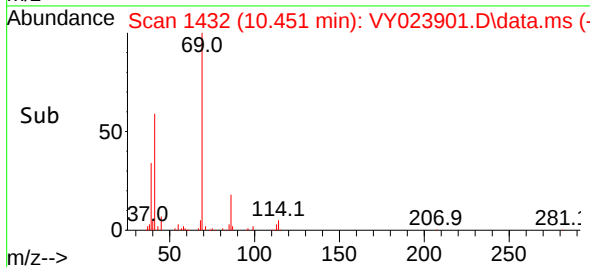
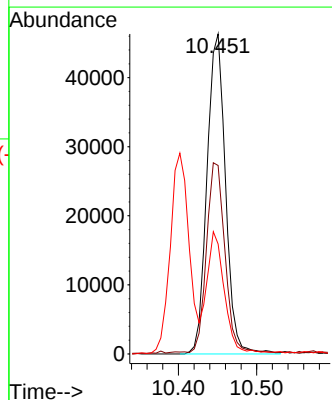
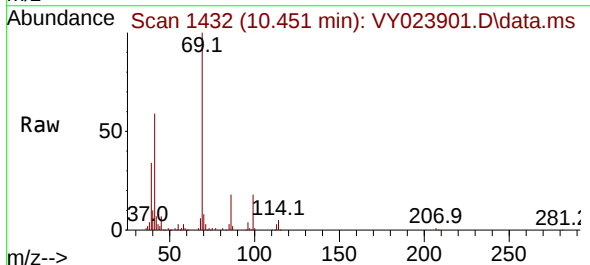
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

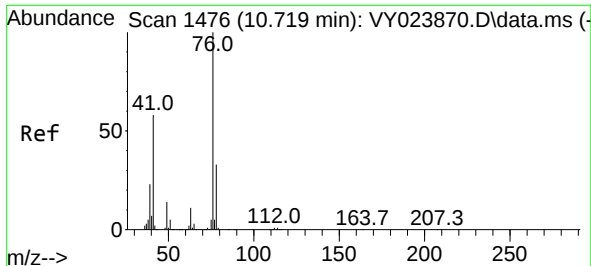
Tgt Ion: 97	Resp: 69063
Ion Ratio	Lower Upper
97 100	
83 83.3	69.0 103.4
85 56.2	42.6 63.8
99 62.9	51.2 76.8



#56
Ethyl methacrylate
Concen: 16.423 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 69	Resp: 76102
Ion Ratio	Lower Upper
69 100	
41 58.5	52.5 78.7
39 35.2	27.1 40.7





#57

1,3-Dichloropropane

Concen: 16.775 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

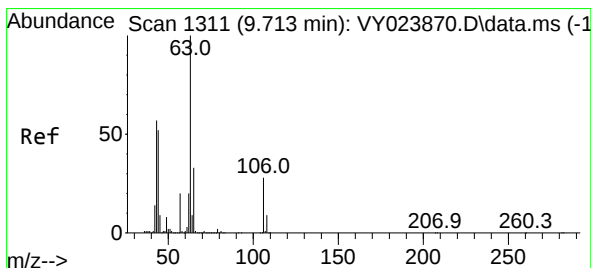
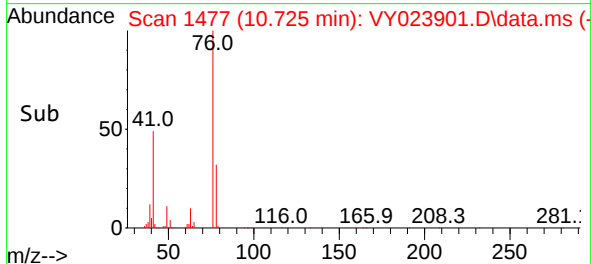
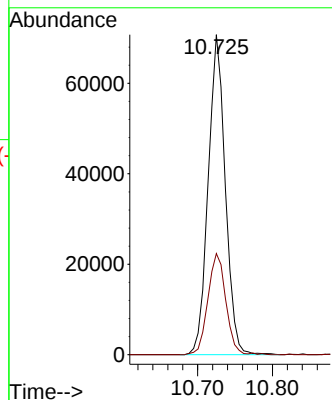
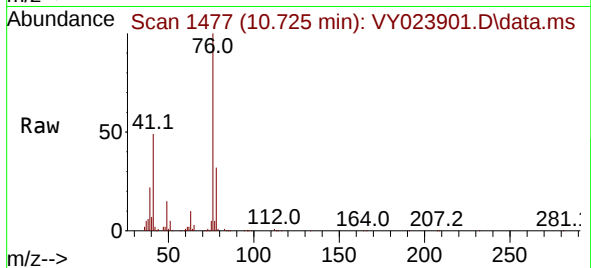
VY1209SBS01

Tgt Ion: 76 Resp: 112542

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 71.890 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY023901.D

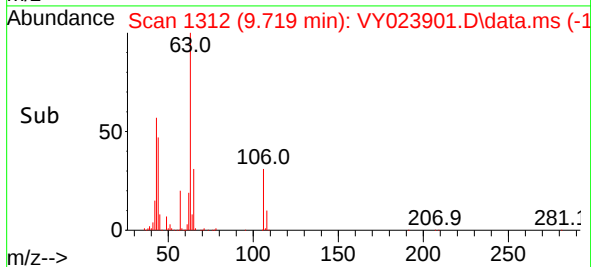
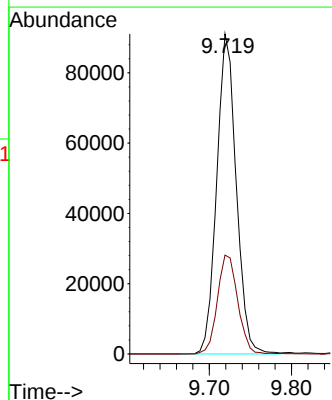
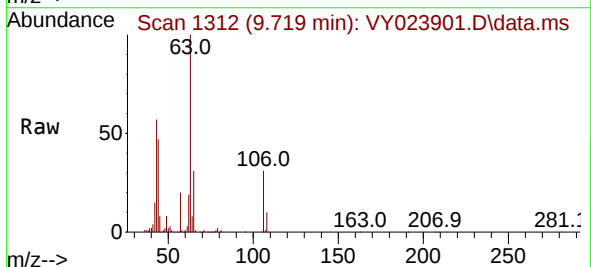
Acq: 09 Dec 2025 12:19

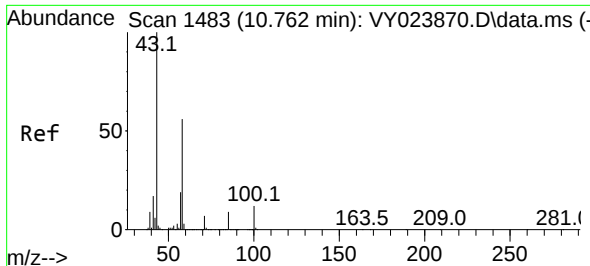
Tgt Ion: 63 Resp: 150212

Ion Ratio Lower Upper

63 100

106 32.3 22.5 33.7

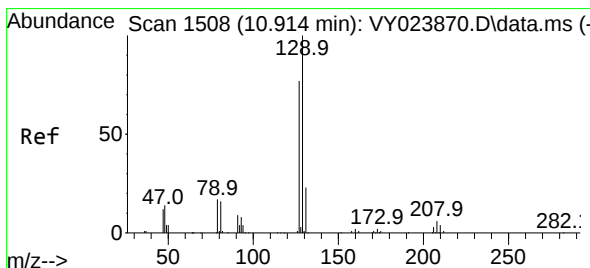
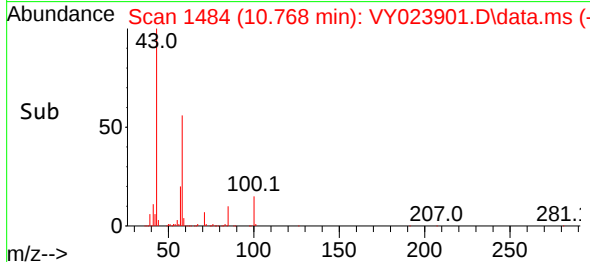
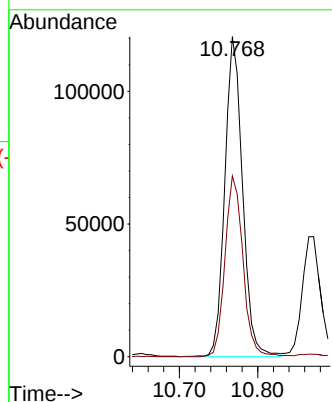
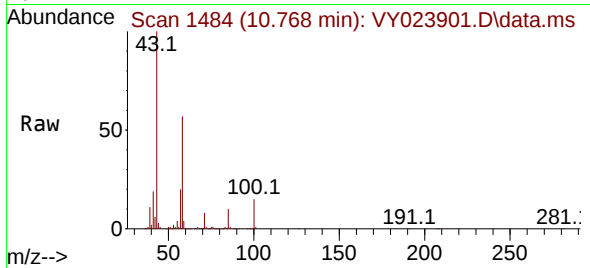




#59
2-Hexanone
Concen: 74.490 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

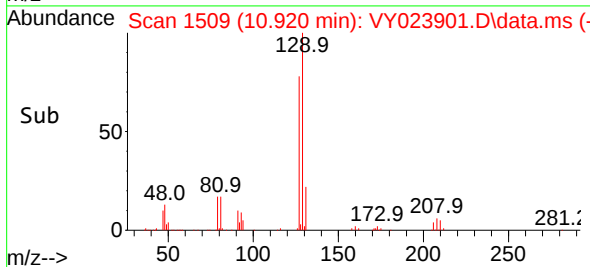
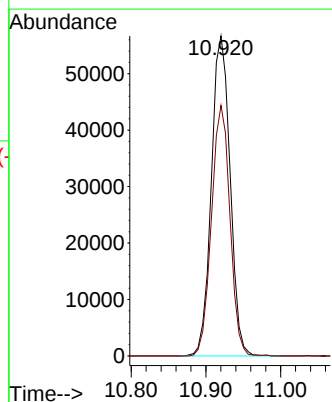
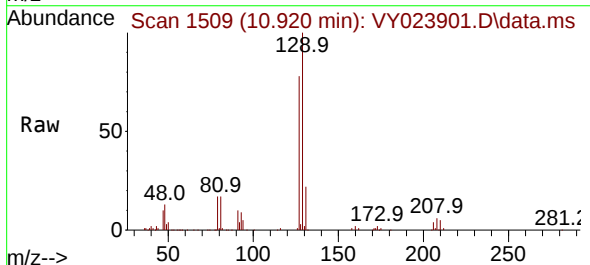
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

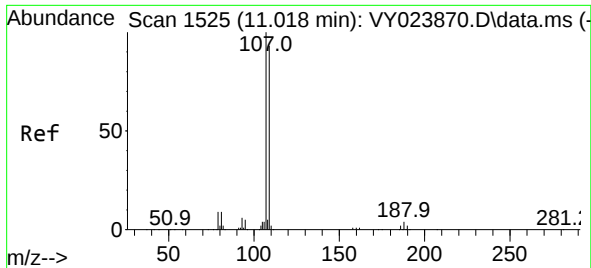
Tgt Ion: 43 Resp: 190075
Ion Ratio Lower Upper
43 100
58 57.1 27.7 83.1



#60
Dibromochloromethane
Concen: 18.882 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 129 Resp: 98622
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.0

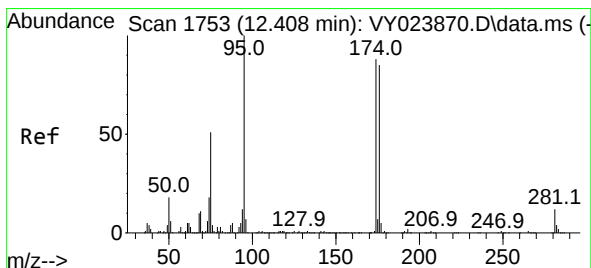
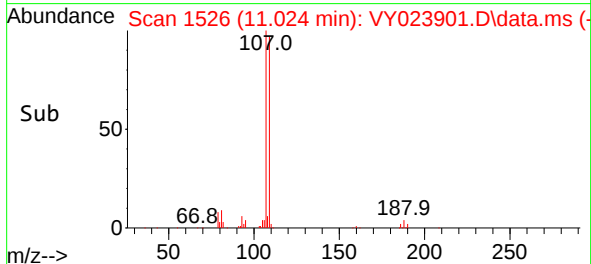
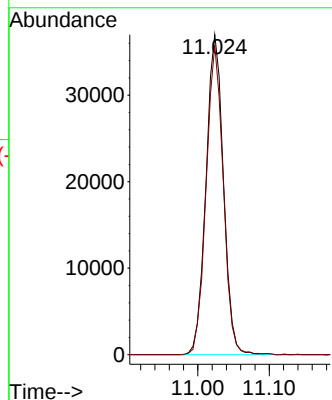
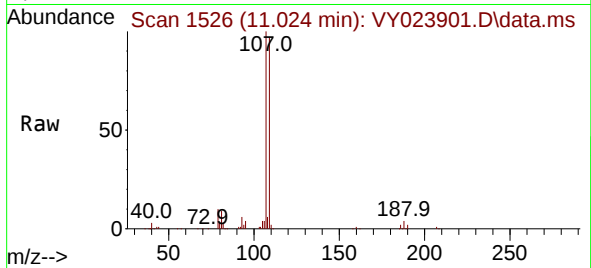




#61
1,2-Dibromoethane
Concen: 17.674 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

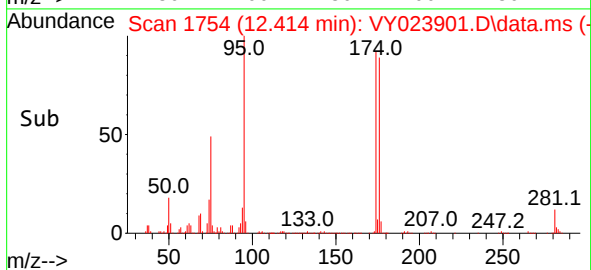
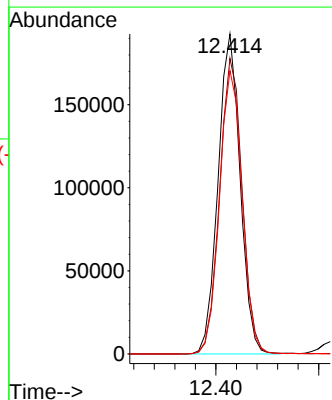
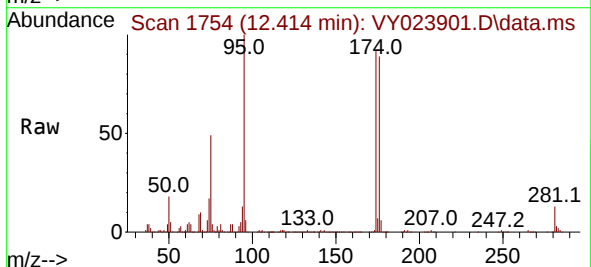
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

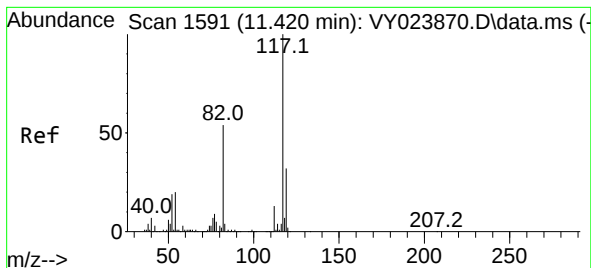
Tgt Ion:107 Resp: 62739
Ion Ratio Lower Upper
107 100
109 94.8 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 42.834 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 95 Resp: 287132
Ion Ratio Lower Upper
95 100
174 94.4 0.0 169.6
176 91.0 0.0 164.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

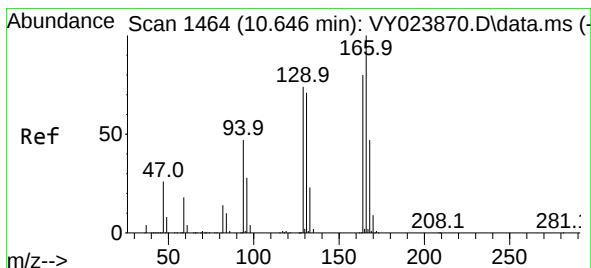
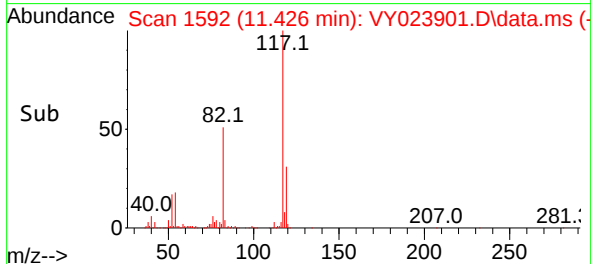
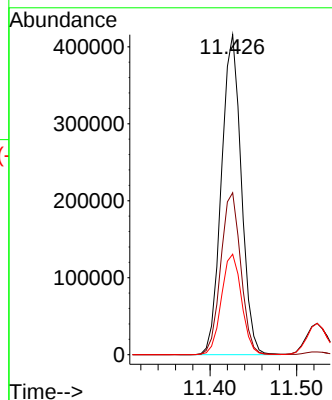
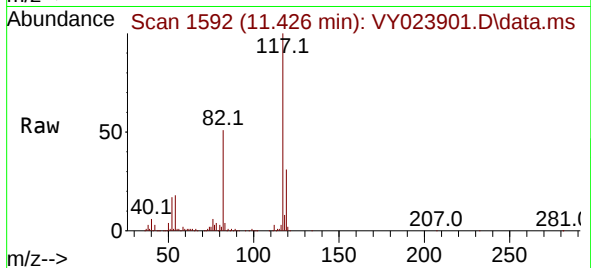
Tgt Ion:117 Resp: 661090

Ion Ratio Lower Upper

117 100

82 50.6 43.1 64.7

119 31.4 26.0 39.0



#64

Tetrachloroethene

Concen: 21.035 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.012 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Tgt Ion:164 Resp: 136086

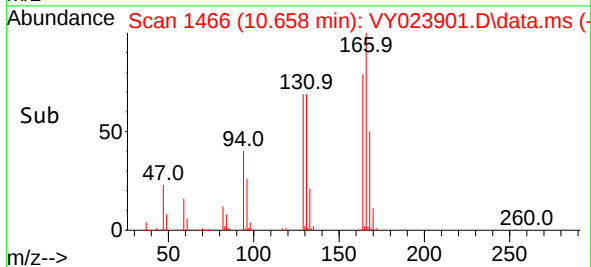
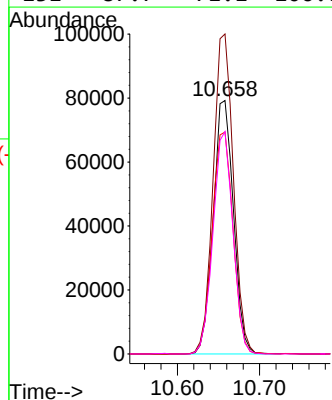
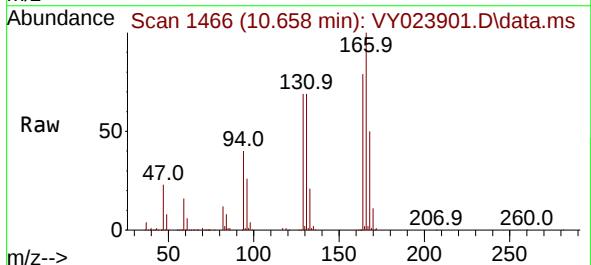
Ion Ratio Lower Upper

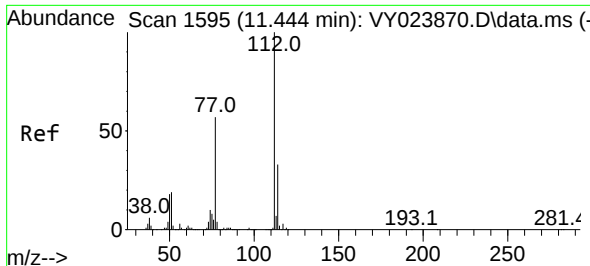
164 100

166 126.2 100.2 150.4

129 87.5 74.4 111.6

131 87.7 71.1 106.7

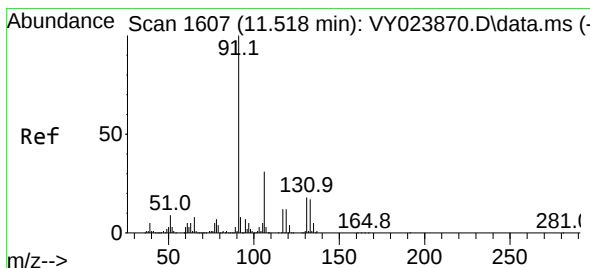
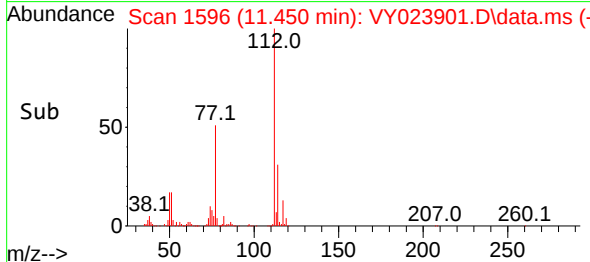
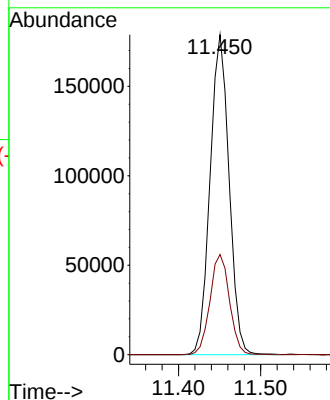
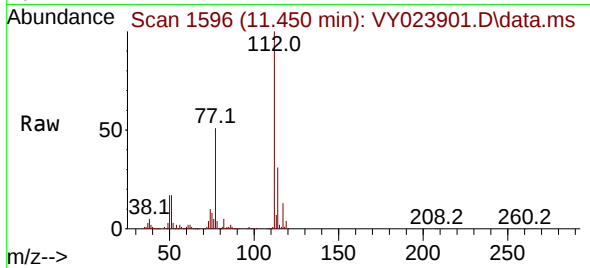




#65
Chlorobenzene
Concen: 19.014 ug/l
RT: 11.450 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

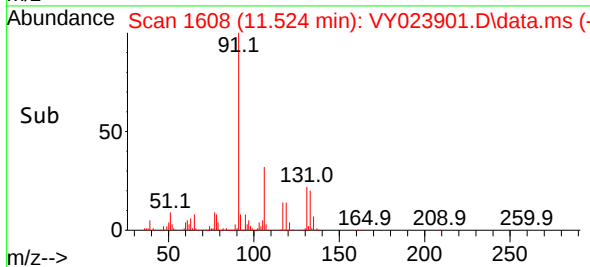
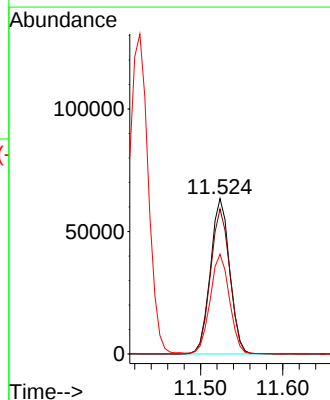
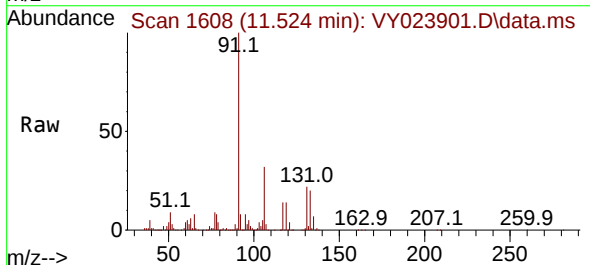
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

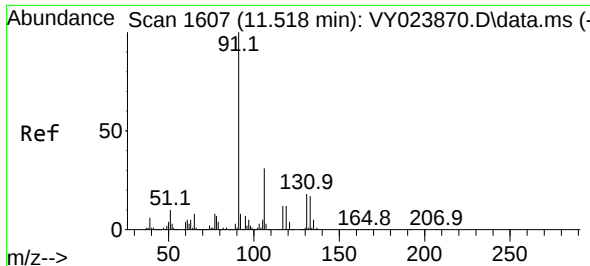
Tgt Ion:112 Resp: 286900
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.986 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion:131 Resp: 102895
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 64.9 32.5 97.4

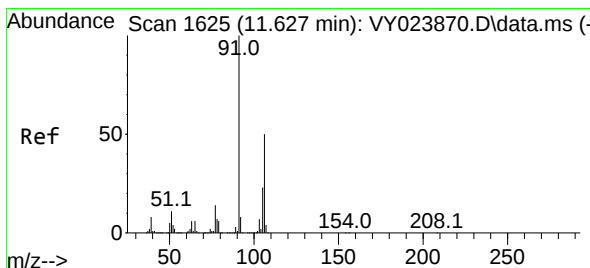
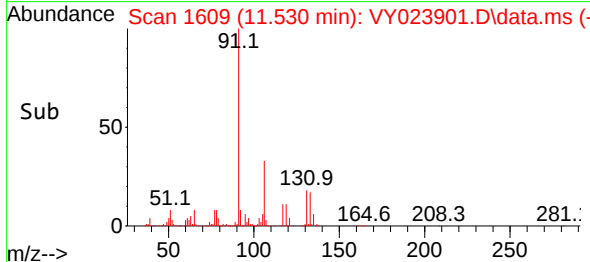
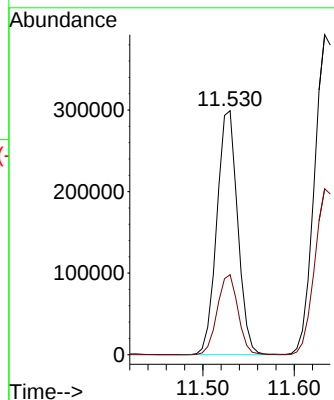
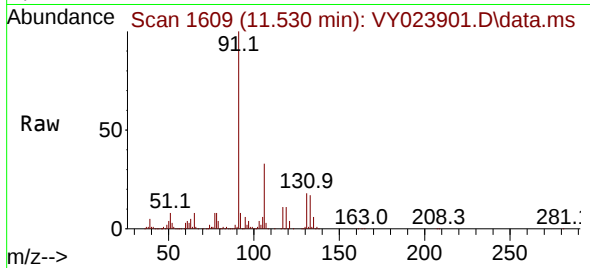




#67
Ethyl Benzene
Concen: 18.170 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

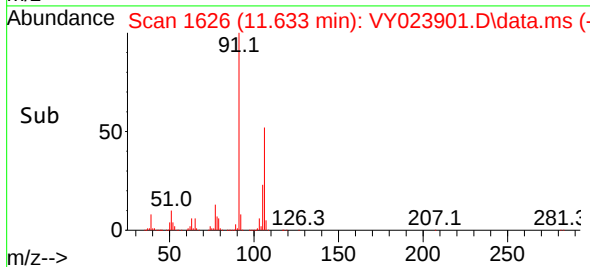
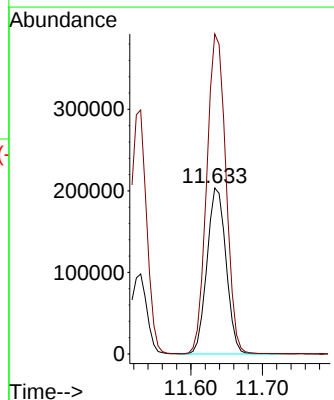
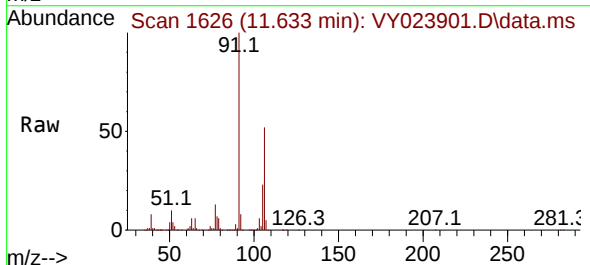
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

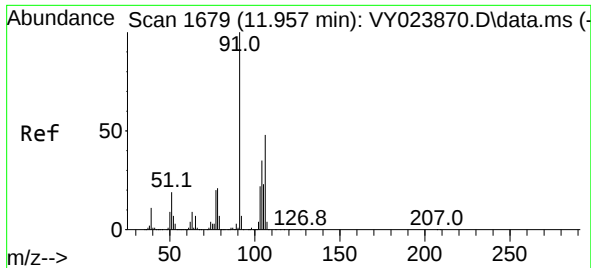
Tgt Ion: 91 Resp: 473980
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6



#68
m/p-Xylenes
Concen: 37.831 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 106 Resp: 377192
Ion Ratio Lower Upper
106 100
91 193.5 159.7 239.5

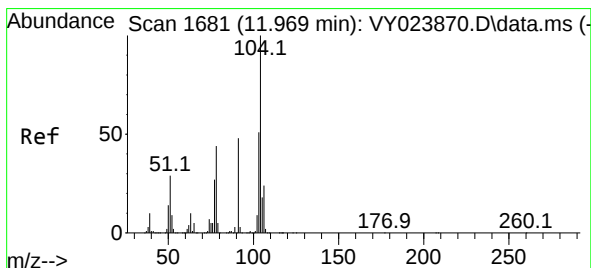
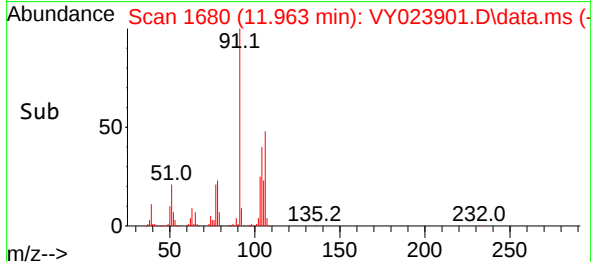
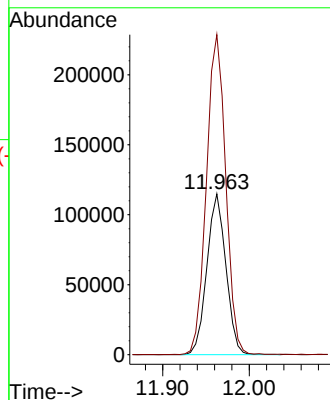
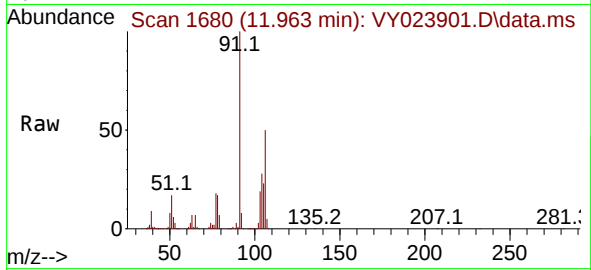




#69
o-Xylene
Concen: 18.789 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

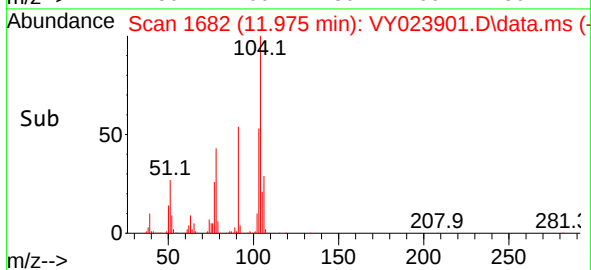
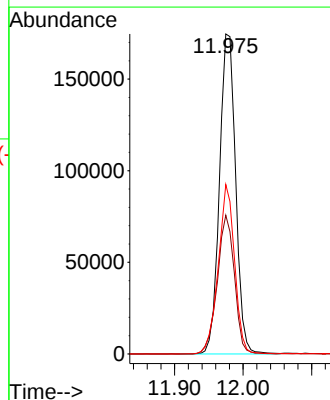
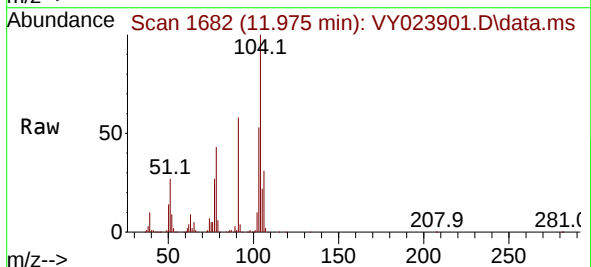
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

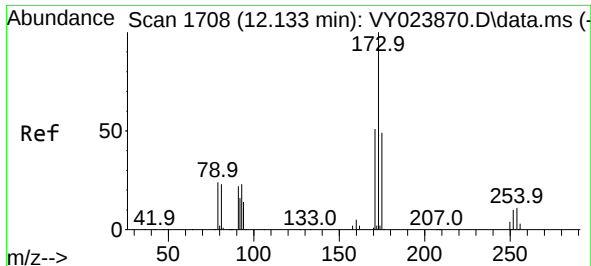
Tgt Ion:106 Resp: 175219
Ion Ratio Lower Upper
106 100
91 201.9 104.4 313.1



#70
Styrene
Concen: 18.577 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion:104 Resp: 285589
Ion Ratio Lower Upper
104 100
78 46.0 38.8 58.2
103 53.6 43.9 65.9

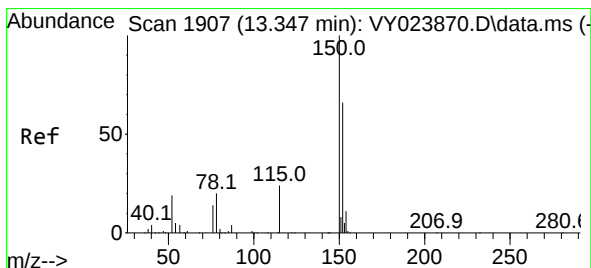
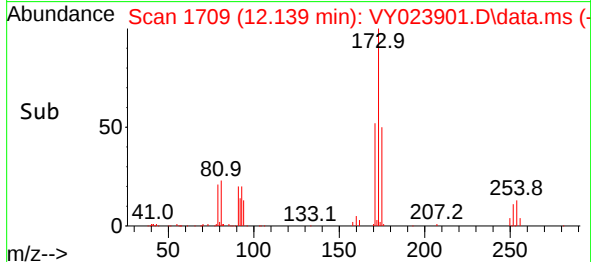
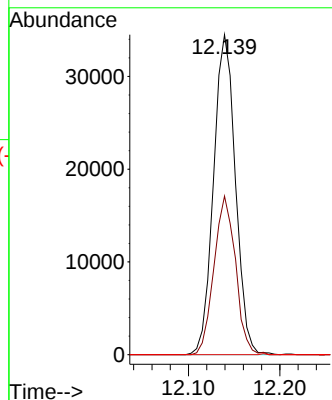
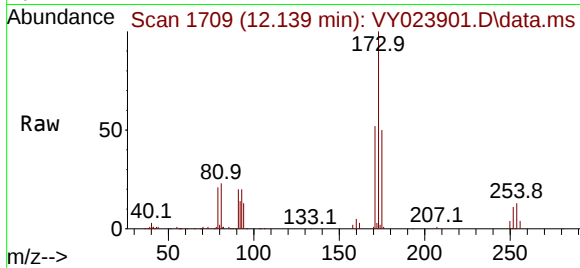




#71
Bromoform
Concen: 19.741 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

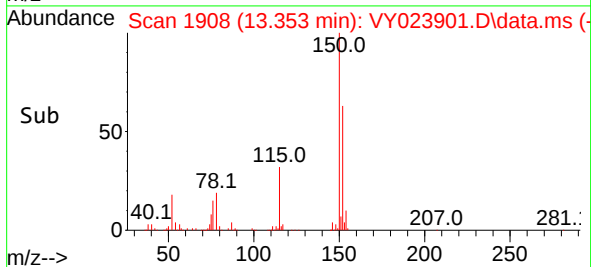
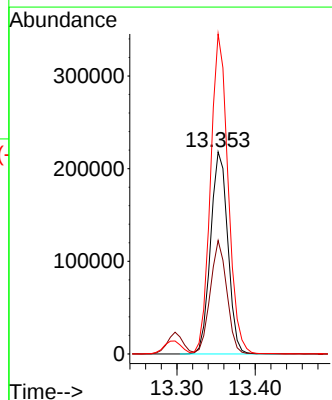
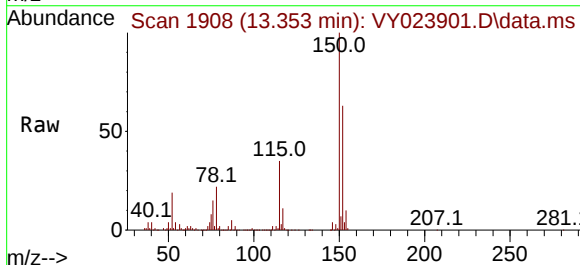
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

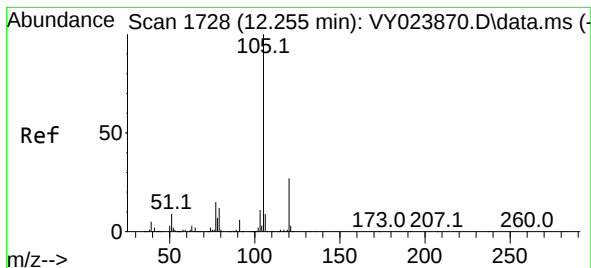
Tgt Ion:173 Resp: 57424
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.4
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion:152 Resp: 332238
Ion Ratio Lower Upper
152 100
115 54.0 28.8 86.4
150 161.8 0.0 352.2





#73

Isopropylbenzene

Concen: 19.276 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

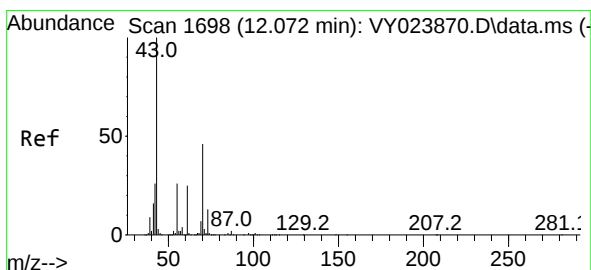
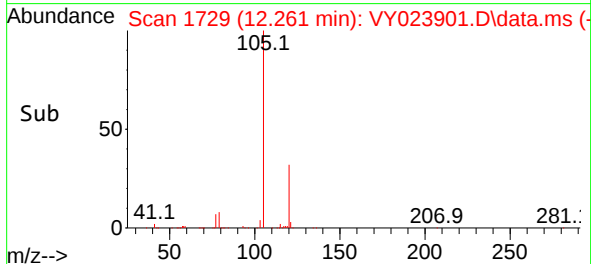
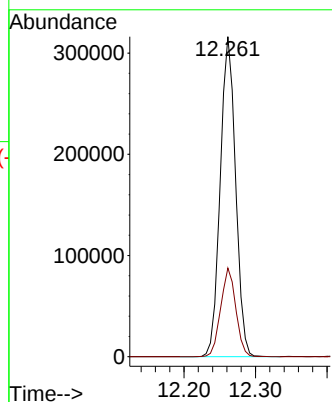
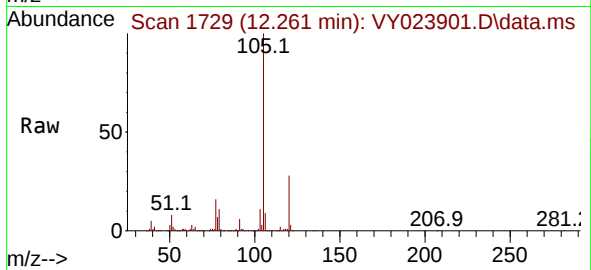
VY1209SBS01

Tgt Ion:105 Resp: 471840

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-amy1 acetate

Concen: 13.625 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Tgt Ion: 43 Resp: 72282

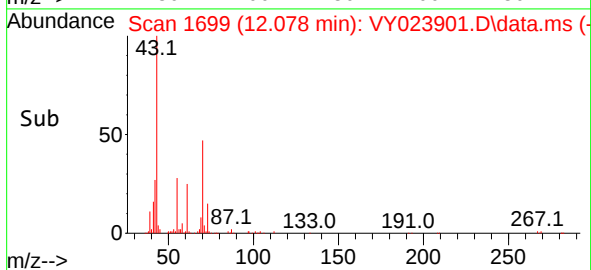
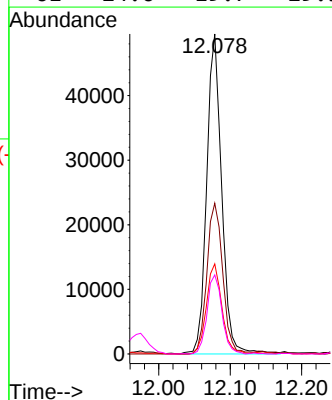
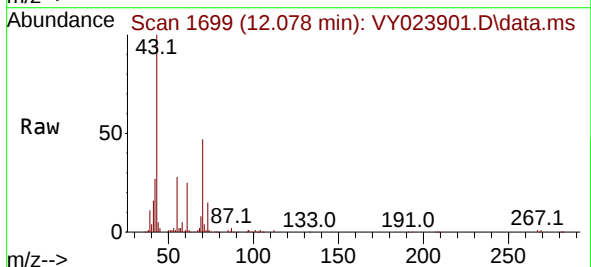
Ion Ratio Lower Upper

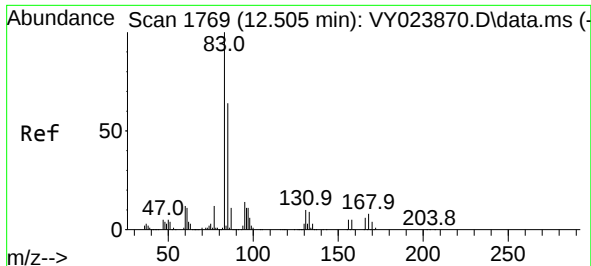
43 100

70 49.8 35.5 53.3

55 29.0 21.1 31.7

61 24.6 19.7 29.5

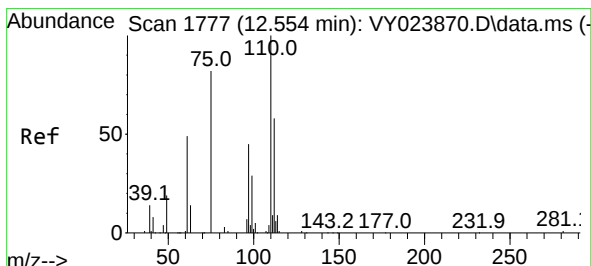
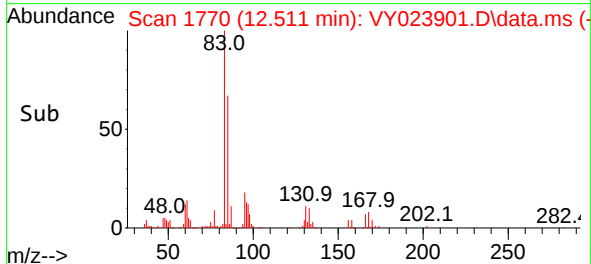
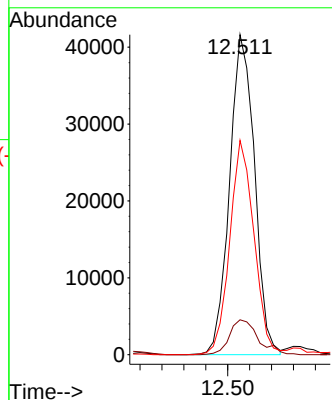
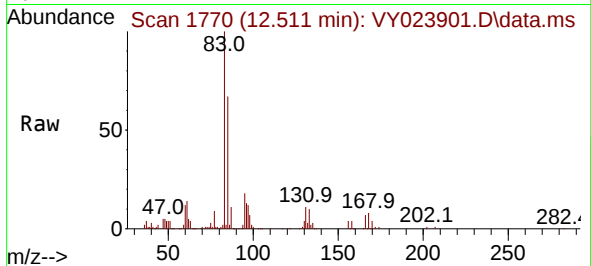




#75
1,1,2,2-Tetrachloroethane
Concen: 16.672 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

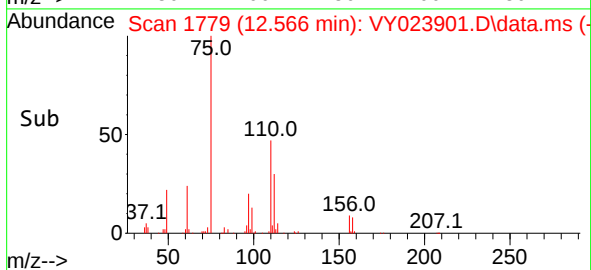
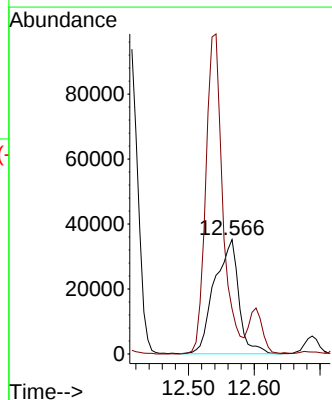
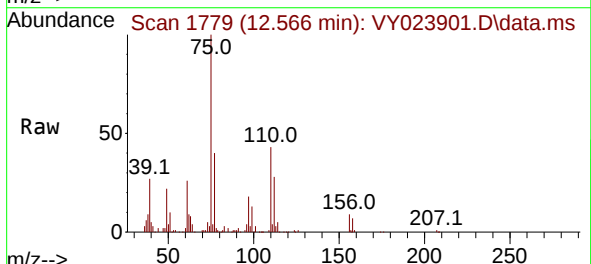
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

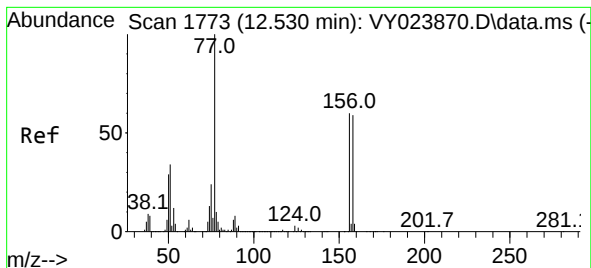
Tgt Ion: 83 Resp: 65846
Ion Ratio Lower Upper
83 100
131 12.5 5.3 15.9
85 65.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.416 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.012 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 75 Resp: 90301
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.306 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD01

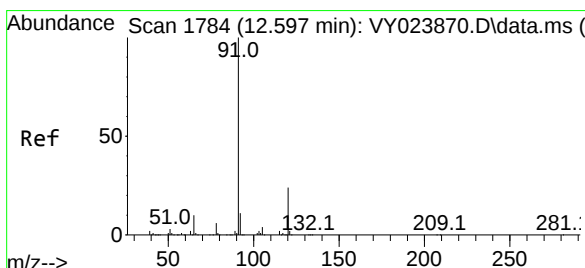
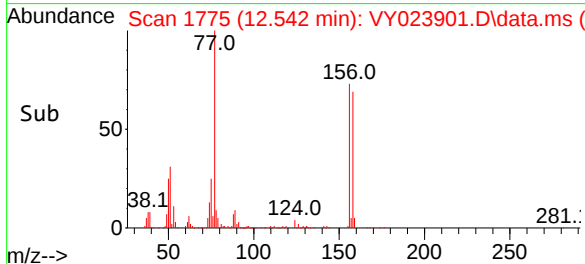
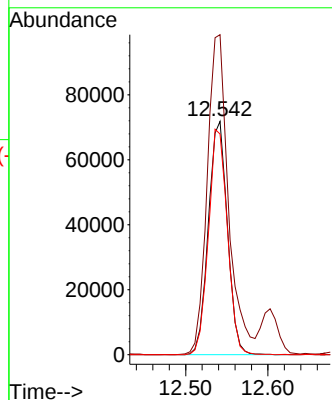
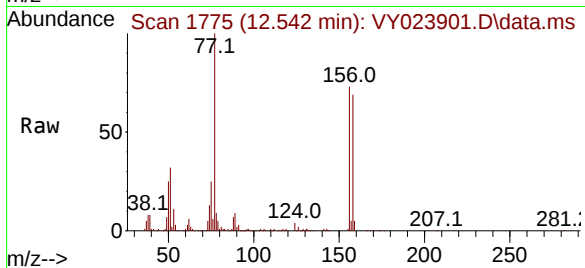
Tgt Ion:156 Resp: 115440

Ion Ratio Lower Upper

156 100

77 154.1 89.6 268.9

158 96.2 48.6 145.8



#78

n-propylbenzene

Concen: 18.613 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY023901.D

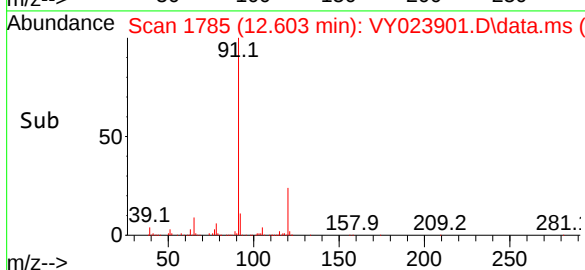
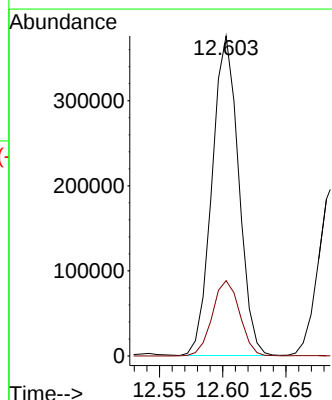
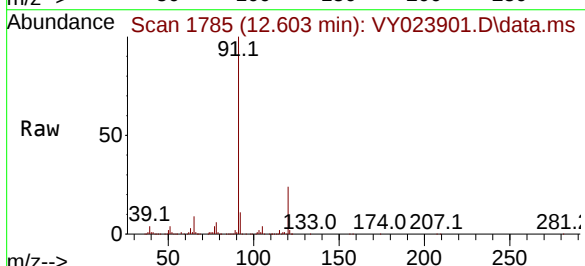
Acq: 09 Dec 2025 12:19

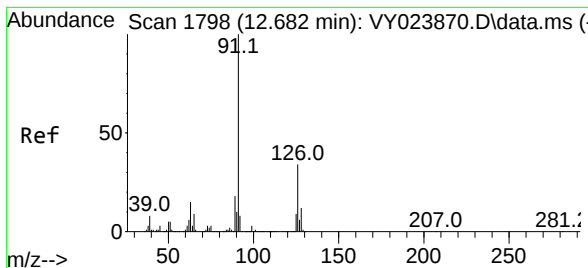
Tgt Ion: 91 Resp: 549776

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.5

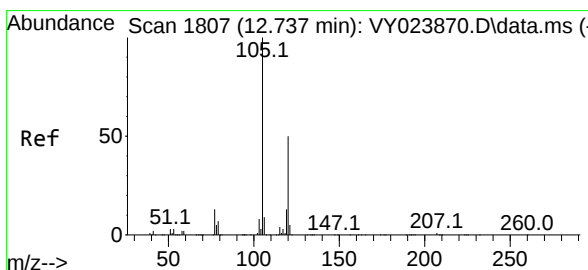
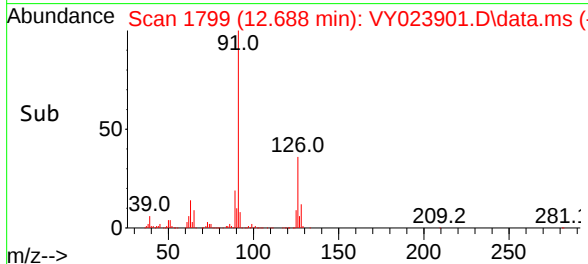
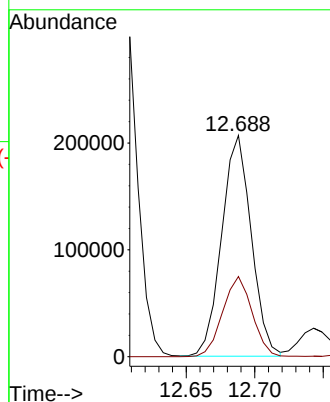
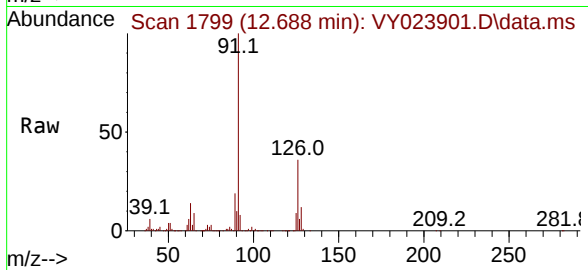




#79
2-Chlorotoluene
Concen: 18.531 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

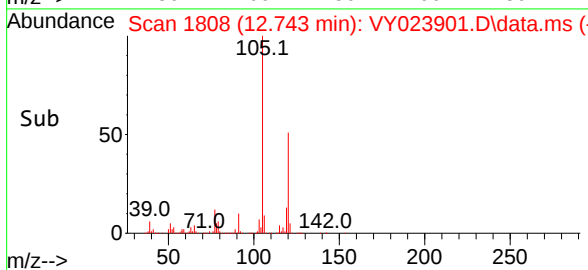
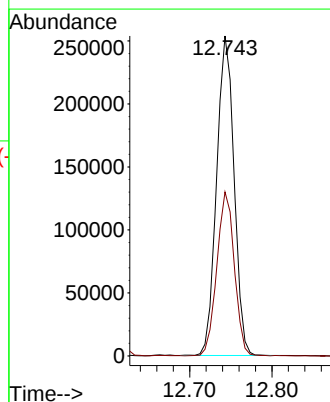
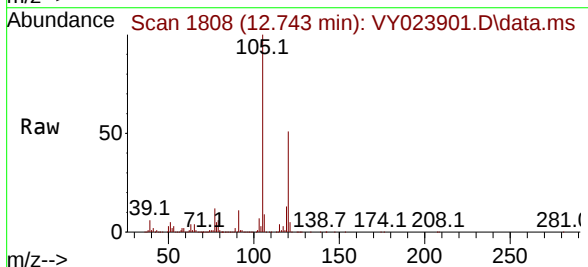
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

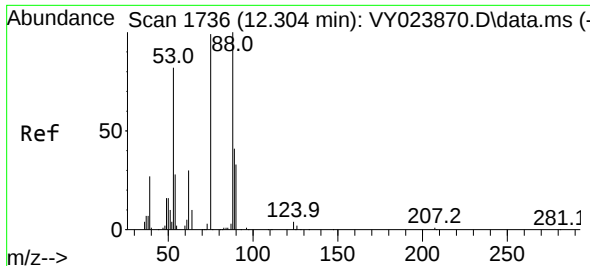
Tgt Ion: 91 Resp: 310864
Ion Ratio Lower Upper
91 100
126 36.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 18.789 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 105 Resp: 373706
Ion Ratio Lower Upper
105 100
120 51.3 24.9 74.6

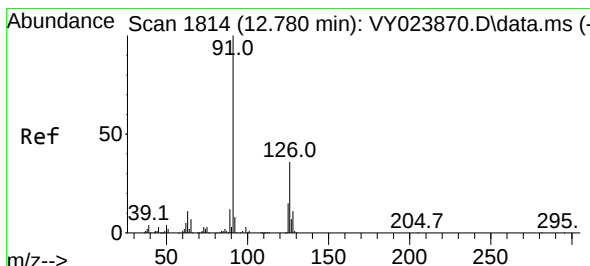
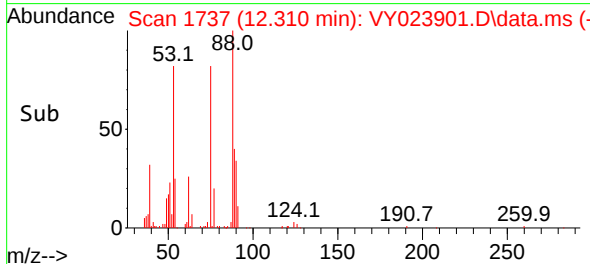
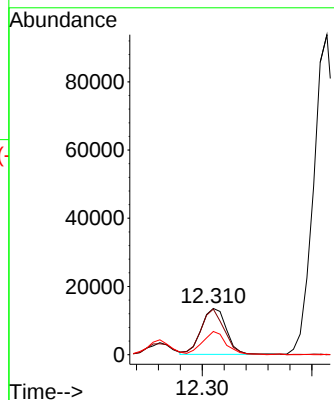
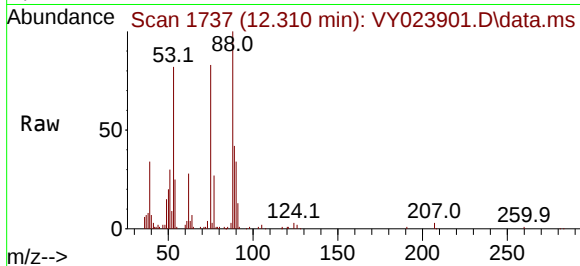




#81
trans-1,4-Dichloro-2-butene
Concen: 15.527 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

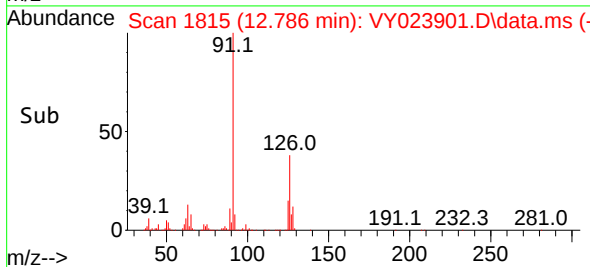
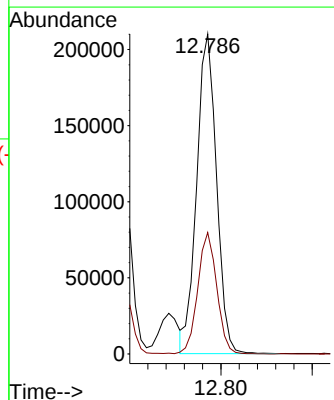
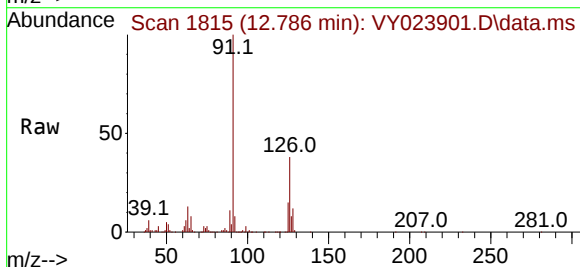
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

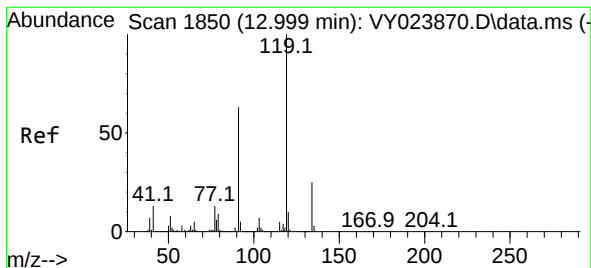
Tgt Ion: 75 Resp: 21352
Ion Ratio Lower Upper
75 100
53 92.9 71.1 106.7
89 47.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 18.184 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion: 91 Resp: 316255
Ion Ratio Lower Upper
91 100
126 36.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.462 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

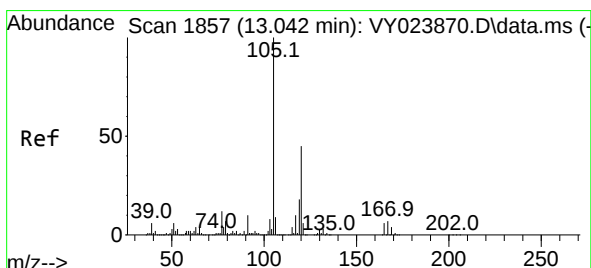
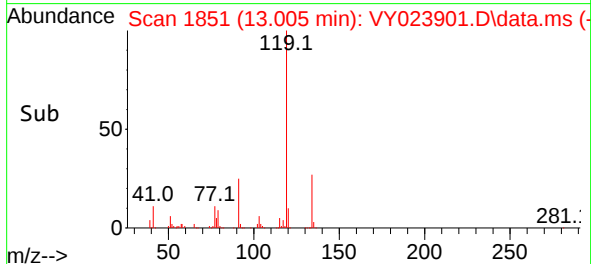
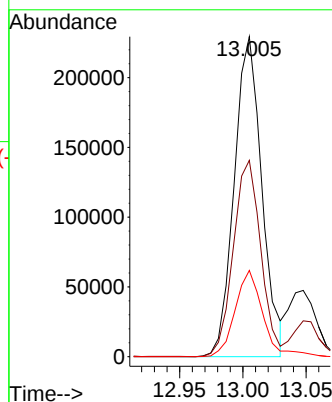
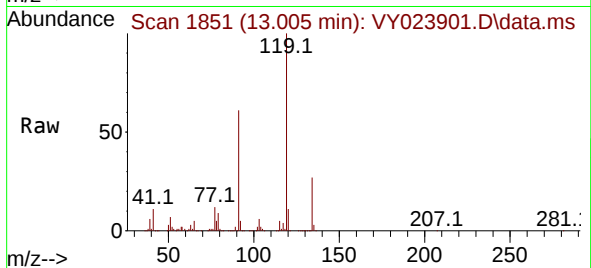
Tgt Ion:119 Resp: 348968

Ion Ratio Lower Upper

119 100

91 61.0 31.8 95.3

134 27.1 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.089 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY023901.D

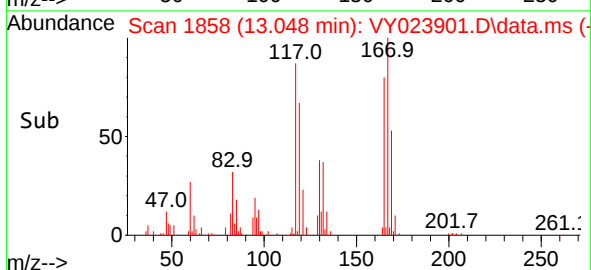
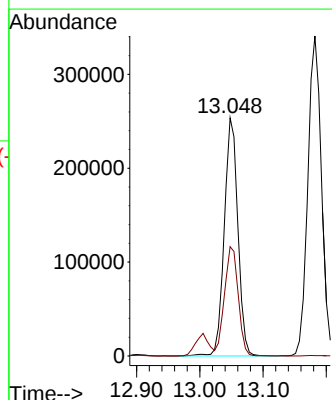
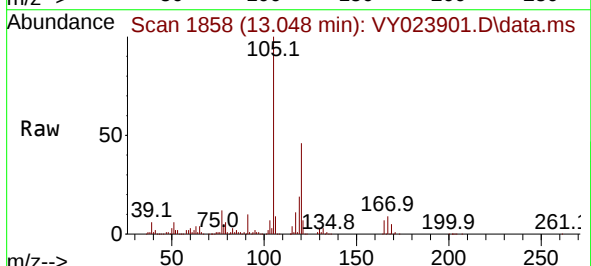
Acq: 09 Dec 2025 12:19

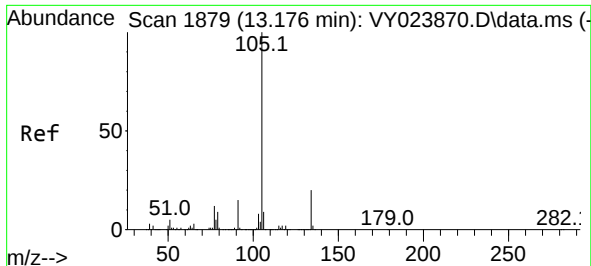
Tgt Ion:105 Resp: 376129

Ion Ratio Lower Upper

105 100

120 46.4 22.4 67.3

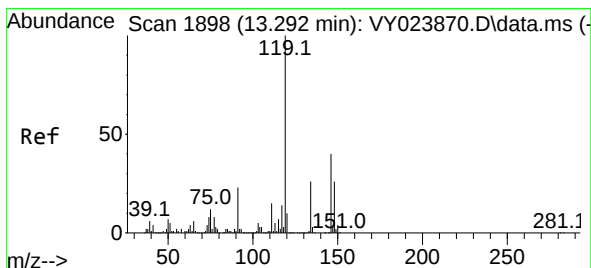
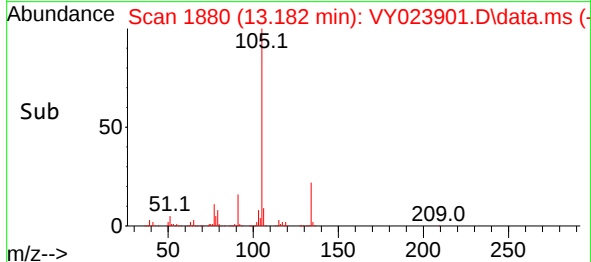
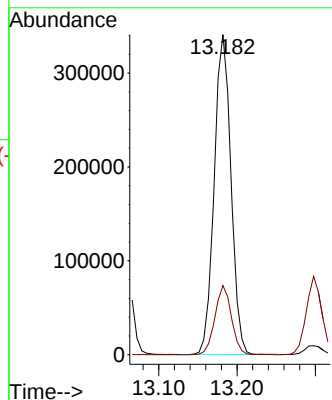
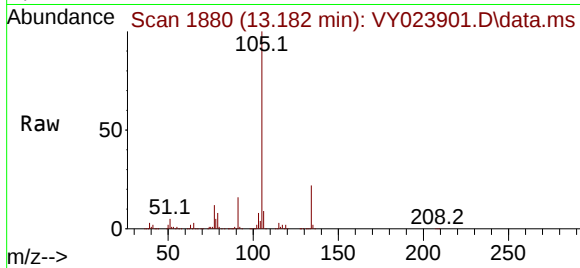




#85
 sec-Butylbenzene
 Concen: 18.995 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY023901.D
 Acq: 09 Dec 2025 12:19

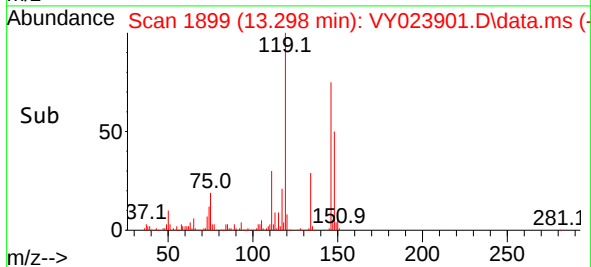
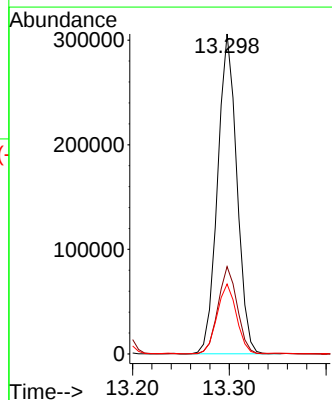
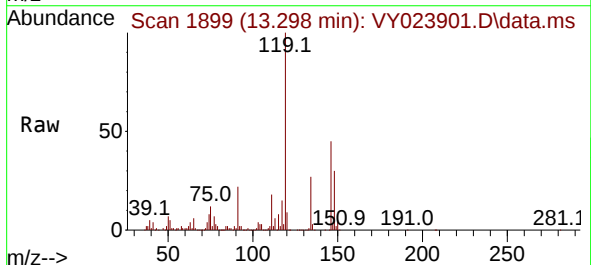
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBSD01

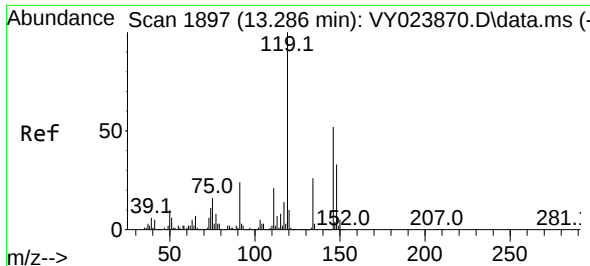
Tgt Ion:105 Resp: 506651
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.105 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023901.D
 Acq: 09 Dec 2025 12:19

Tgt Ion:119 Resp: 421924
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.1
 91 22.0 11.6 34.8

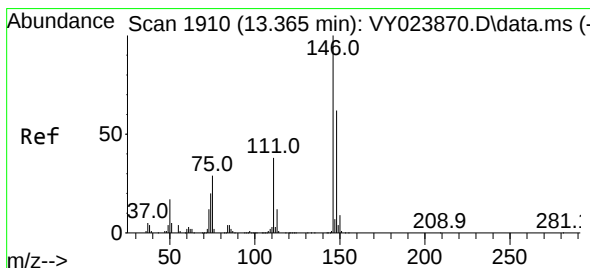
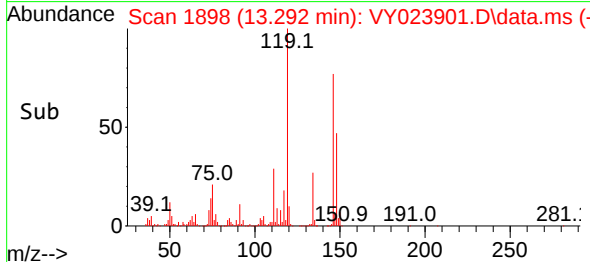
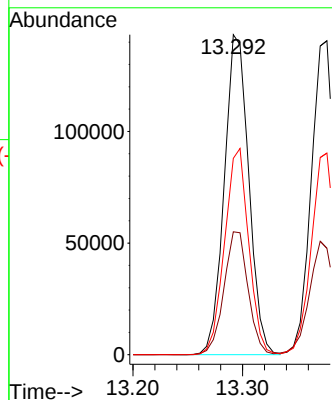
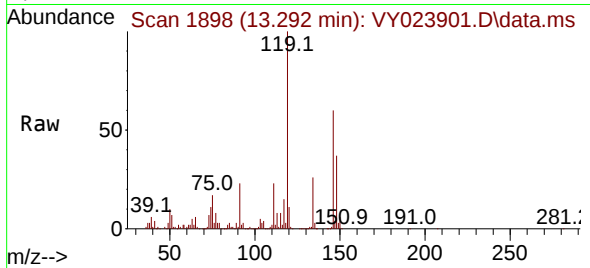




#87
 1,3-Dichlorobenzene
 Concen: 19.426 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023901.D
 Acq: 09 Dec 2025 12:19

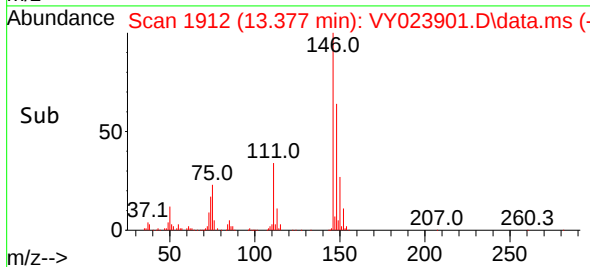
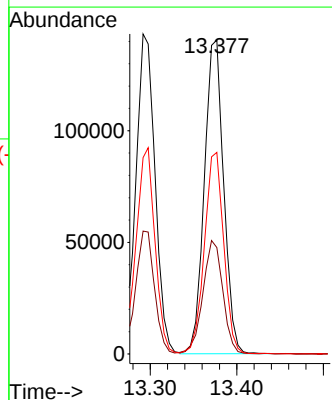
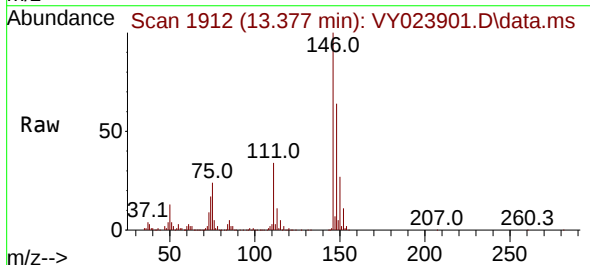
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBSD01

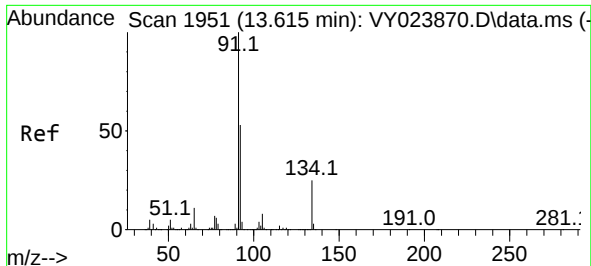
Tgt Ion:146 Resp: 222495
 Ion Ratio Lower Upper
 146 100
 111 37.9 20.0 60.0
 148 63.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.418 ug/l
 RT: 13.377 min Scan# 1912
 Delta R.T. 0.012 min
 Lab File: VY023901.D
 Acq: 09 Dec 2025 12:19

Tgt Ion:146 Resp: 218111
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.4 58.1
 148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 17.516 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.012 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD01

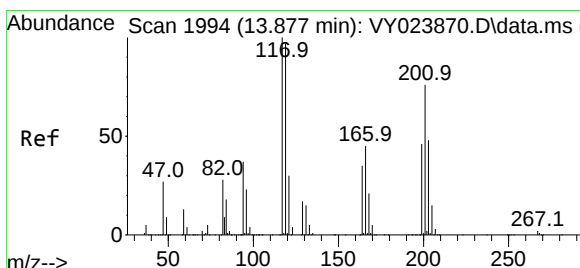
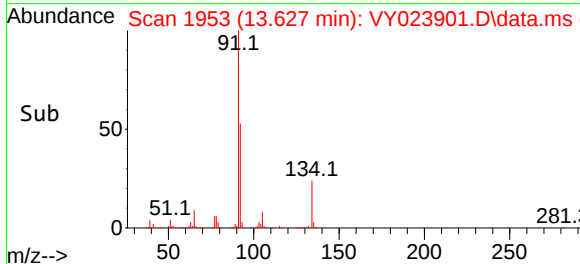
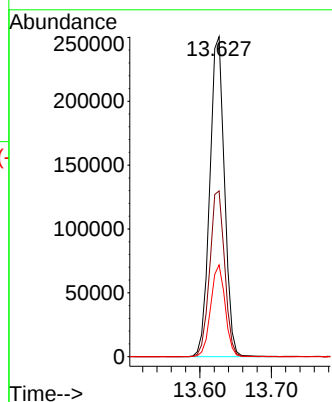
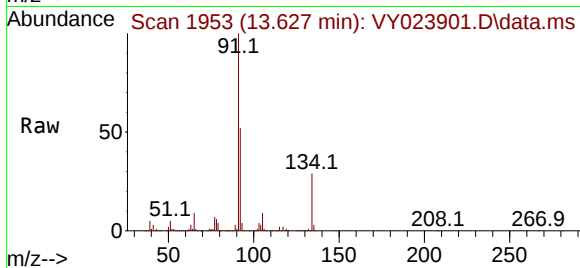
Tgt Ion: 91 Resp: 358041

Ion Ratio Lower Upper

91 100

92 52.6 26.7 80.0

134 28.1 13.0 39.0



#90

Hexachloroethane

Concen: 18.736 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY023901.D

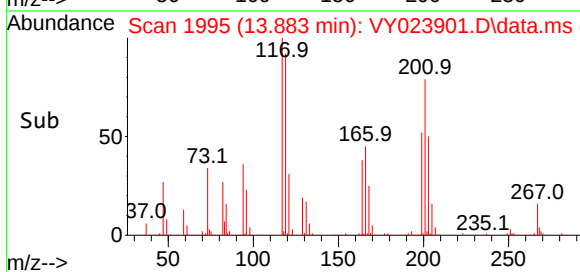
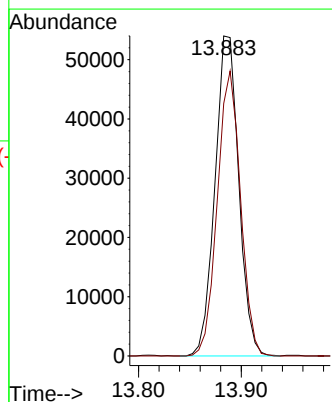
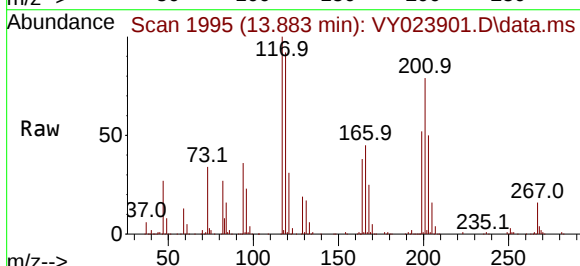
Acq: 09 Dec 2025 12:19

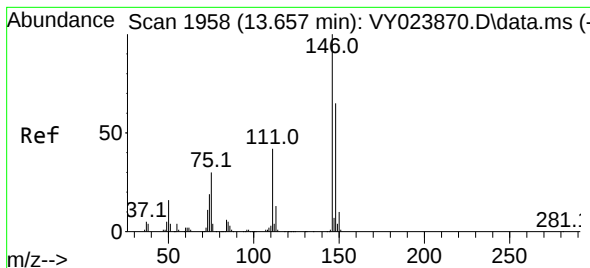
Tgt Ion: 117 Resp: 86805

Ion Ratio Lower Upper

117 100

201 86.8 39.1 117.2





#91

1,2-Dichlorobenzene

Concen: 19.302 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD01

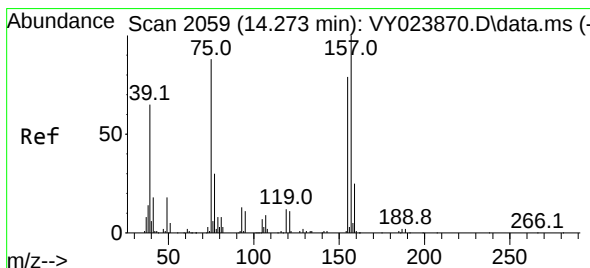
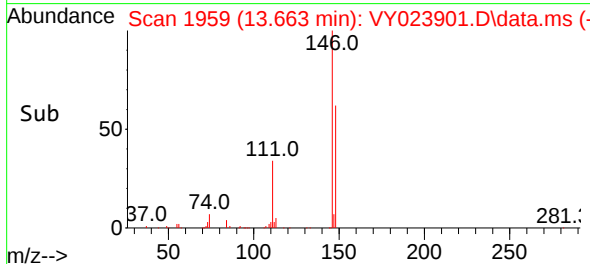
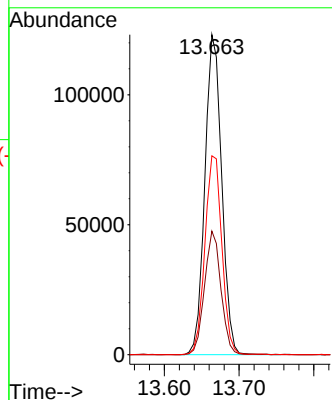
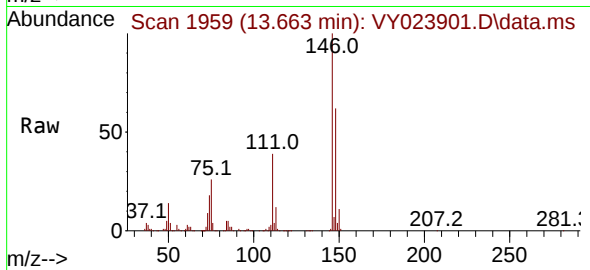
Tgt Ion:146 Resp: 192283

Ion Ratio Lower Upper

146 100

111 37.9 20.4 61.3

148 62.8 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.363 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

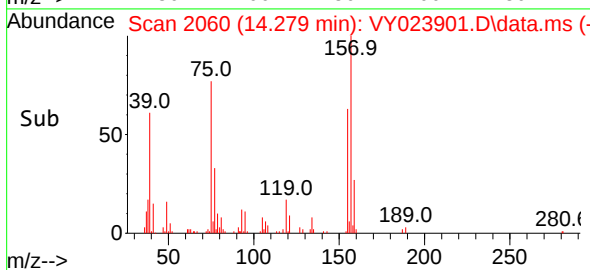
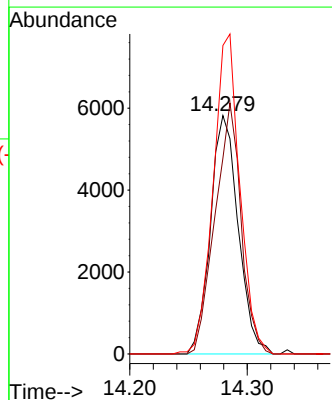
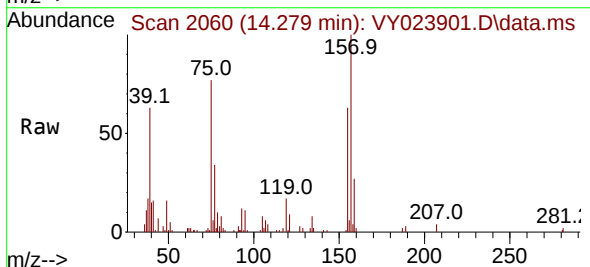
Tgt Ion: 75 Resp: 9540

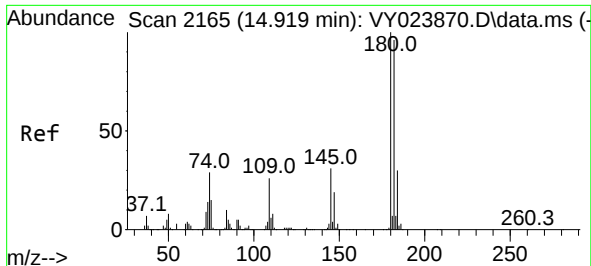
Ion Ratio Lower Upper

75 100

155 98.7 44.4 133.2

157 128.7 57.5 172.3

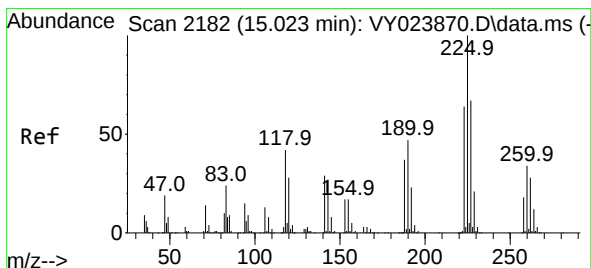
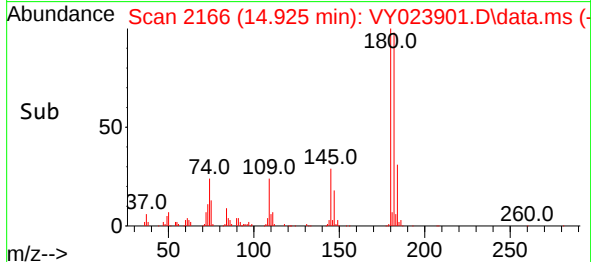
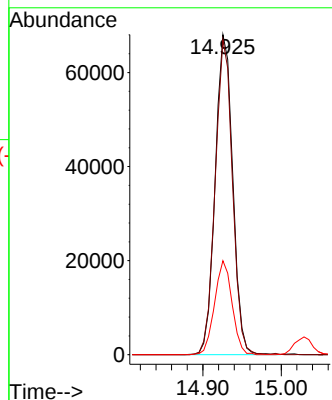
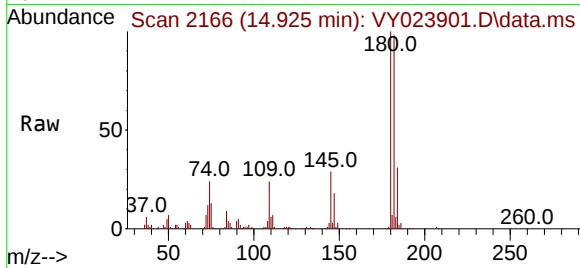




#93
1,2,4-Trichlorobenzene
Concen: 17.905 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

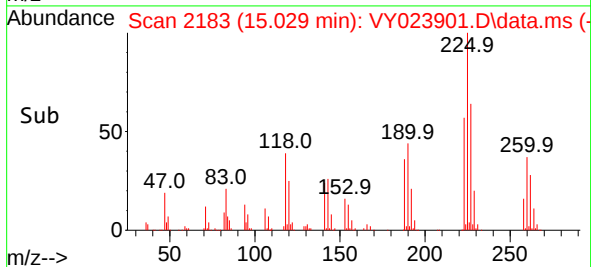
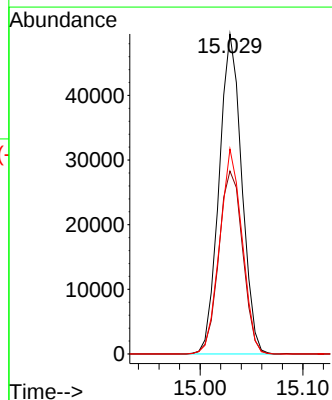
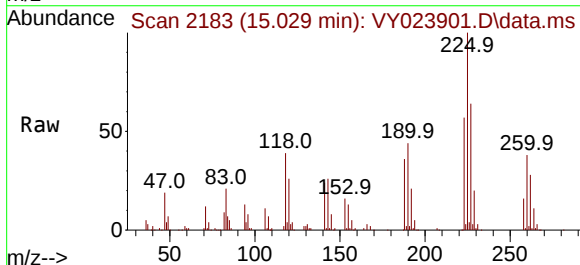
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

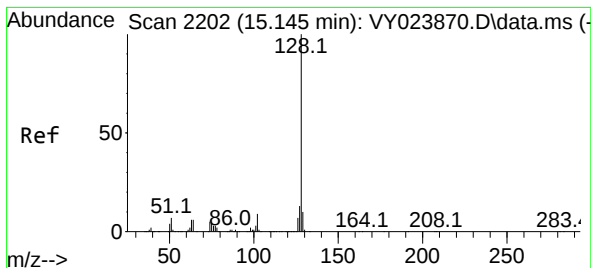
Tgt Ion:180 Resp: 105752
Ion Ratio Lower Upper
180 100
182 97.2 47.4 142.3
145 29.3 15.2 45.5



#94
Hexachlorobutadiene
Concen: 20.413 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY023901.D
Acq: 09 Dec 2025 12:19

Tgt Ion:225 Resp: 75641
Ion Ratio Lower Upper
225 100
223 60.4 31.6 95.0
227 63.4 32.6 97.8





#95

Naphthalene

Concen: 15.711 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD01

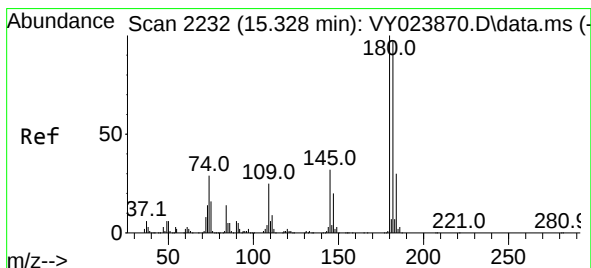
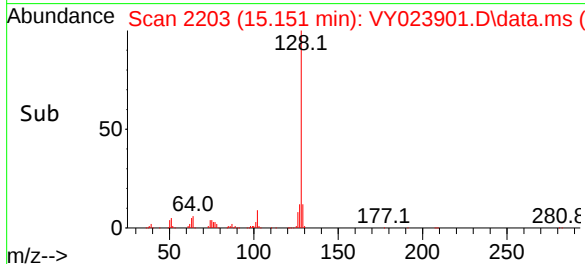
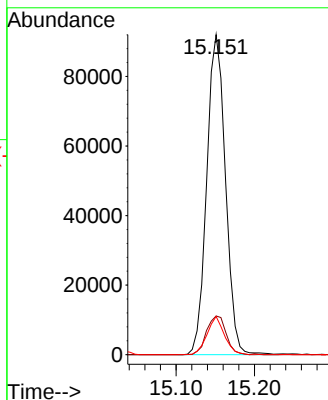
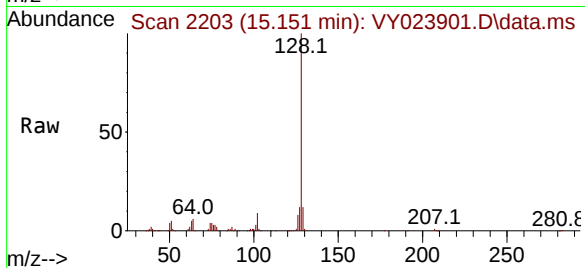
Tgt Ion:128 Resp: 152925

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.358 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY023901.D

Acq: 09 Dec 2025 12:19

Tgt Ion:180 Resp: 87489

Ion Ratio Lower Upper

180 100

182 97.1 46.9 140.8

145 31.9 15.7 47.1

