

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082925\
 Data File : VY023235.D
 Acq On : 29 Aug 2025 10:05
 Operator : SY/MD
 Sample : VY0829SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBS01

Quant Time: Aug 30 01:18:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	455001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	716457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	638501	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	326656	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	212600	49.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.060%
35) Dibromofluoromethane	7.634	113	222321	51.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.720%
50) Toluene-d8	10.109	98	856104	51.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.408	95	269369	50.012	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78138	21.039	ug/l	95
3) Chloromethane	2.074	50	121645	20.222	ug/l	99
4) Vinyl Chloride	2.208	62	152944	20.568	ug/l	98
5) Bromomethane	2.592	94	130196	23.445	ug/l	100
6) Chloroethane	2.732	64	104037	21.045	ug/l	100
7) Trichlorofluoromethane	3.056	101	192217	21.259	ug/l	99
8) Diethyl Ether	3.458	74	49193	20.564	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	98602	22.105	ug/l	98
10) Methyl Iodide	4.007	142	95963	19.936	ug/l	99
11) Tert butyl alcohol	4.866	59	29417	99.004	ug/l	97
12) 1,1-Dichloroethene	3.787	96	92660	21.133	ug/l	92
13) Acrolein	3.653	56	21908	50.346	ug/l	94
14) Allyl chloride	4.385	41	117770	18.254	ug/l	96
15) Acrylonitrile	5.067	53	101558	104.427	ug/l	97
16) Acetone	3.872	43	105987	112.815	ug/l	97
17) Carbon Disulfide	4.104	76	286650	20.050	ug/l	99
18) Methyl Acetate	4.385	43	55055	19.693	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	225931	19.885	ug/l	98
20) Methylene Chloride	4.616	84	109085	20.756	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	104919	21.293	ug/l	95
22) Diisopropyl ether	6.025	45	274764	19.599	ug/l	95
23) Vinyl Acetate	5.957	43	748011	96.492	ug/l	97
24) 1,1-Dichloroethane	5.915	63	177016	20.652	ug/l	99
25) 2-Butanone	6.896	43	136002	106.441	ug/l	95
26) 2,2-Dichloropropane	6.890	77	152531	20.623	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	120444	21.144	ug/l	95
28) Bromochloromethane	7.250	49	72088	21.199	ug/l	96
29) Tetrahydrofuran	7.268	42	77134	97.391	ug/l	97
30) Chloroform	7.427	83	186220	21.066	ug/l	93
31) Cyclohexane	7.701	56	152691	18.904	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	166447	21.221	ug/l	99
36) 1,1-Dichloropropene	7.835	75	133158	20.900	ug/l	99
37) Ethyl Acetate	6.988	43	54685	20.433	ug/l	100
38) Carbon Tetrachloride	7.817	117	147996	21.387	ug/l	96
39) Methylcyclohexane	9.109	83	165414	19.716	ug/l	97
40) Benzene	8.079	78	419233	21.349	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	24990	16.179	ug/l #	80
42) 1,2-Dichloroethane	8.158	62	106022	20.760	ug/l	99
43) Isopropyl Acetate	8.201	43	105956	19.588	ug/l #	86
44) Trichloroethene	8.865	130	115706	22.801	ug/l	98
45) 1,2-Dichloropropane	9.140	63	94105	20.828	ug/l	96
46) Dibromomethane	9.231	93	57275	22.086	ug/l	99
47) Bromodichloromethane	9.426	83	144187	21.608	ug/l	99
48) Methyl methacrylate	9.219	41	47770	18.455	ug/l	91
49) 1,4-Dioxane	9.237	88	12713	418.087	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	276180	98.979	ug/l	99
52) Toluene	10.170	92	262030	21.010	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	122613	20.291	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	146468	20.498	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	74784	21.551	ug/l	98
56) Ethyl methacrylate	10.438	69	87294	19.659	ug/l	96
57) 1,3-Dichloropropane	10.719	76	125467	21.319	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	200795	95.866	ug/l	97
59) 2-Hexanone	10.761	43	193551	101.869	ug/l	98
60) Dibromochloromethane	10.914	129	101286	22.120	ug/l	99
61) 1,2-Dibromoethane	11.018	107	71596	21.952	ug/l	99
64) Tetrachloroethene	10.646	164	142549	25.002	ug/l	99
65) Chlorobenzene	11.444	112	289718	21.036	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	102887	22.011	ug/l	100
67) Ethyl Benzene	11.517	91	476634	20.110	ug/l	98
68) m/p-Xylenes	11.627	106	382048	41.272	ug/l	97
69) o-Xylene	11.956	106	175423	20.234	ug/l	99
70) Styrene	11.969	104	292084	20.601	ug/l	99
71) Bromoform	12.133	173	60805	22.258	ug/l #	100
73) Isopropylbenzene	12.255	105	454152	19.699	ug/l	99
74) N-amyl acetate	12.072	43	84423	17.267	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	75203	19.104	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	105257	33.388	ug/l #	100
77) Bromobenzene	12.529	156	114997	20.908	ug/l	96
78) n-propylbenzene	12.597	91	558286	20.339	ug/l	99
79) 2-Chlorotoluene	12.682	91	315901	20.087	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	372007	19.965	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	25336	19.454	ug/l	100
82) 4-Chlorotoluene	12.779	91	326796	20.031	ug/l	97
83) tert-Butylbenzene	12.999	119	332690	19.769	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	377773	20.367	ug/l	99
85) sec-Butylbenzene	13.176	105	503734	20.377	ug/l	100
86) p-Isopropyltoluene	13.292	119	412686	20.112	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	225283	20.770	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	222531	20.682	ug/l	98
89) n-Butylbenzene	13.615	91	364710	19.352	ug/l	99
90) Hexachloroethane	13.877	117	90243	21.483	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	200636	21.092	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11800	19.252	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	115046	20.452	ug/l	100
94) Hexachlorobutadiene	15.023	225	67956	20.558	ug/l	97
95) Naphthalene	15.145	128	182216	18.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	97786	20.173	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

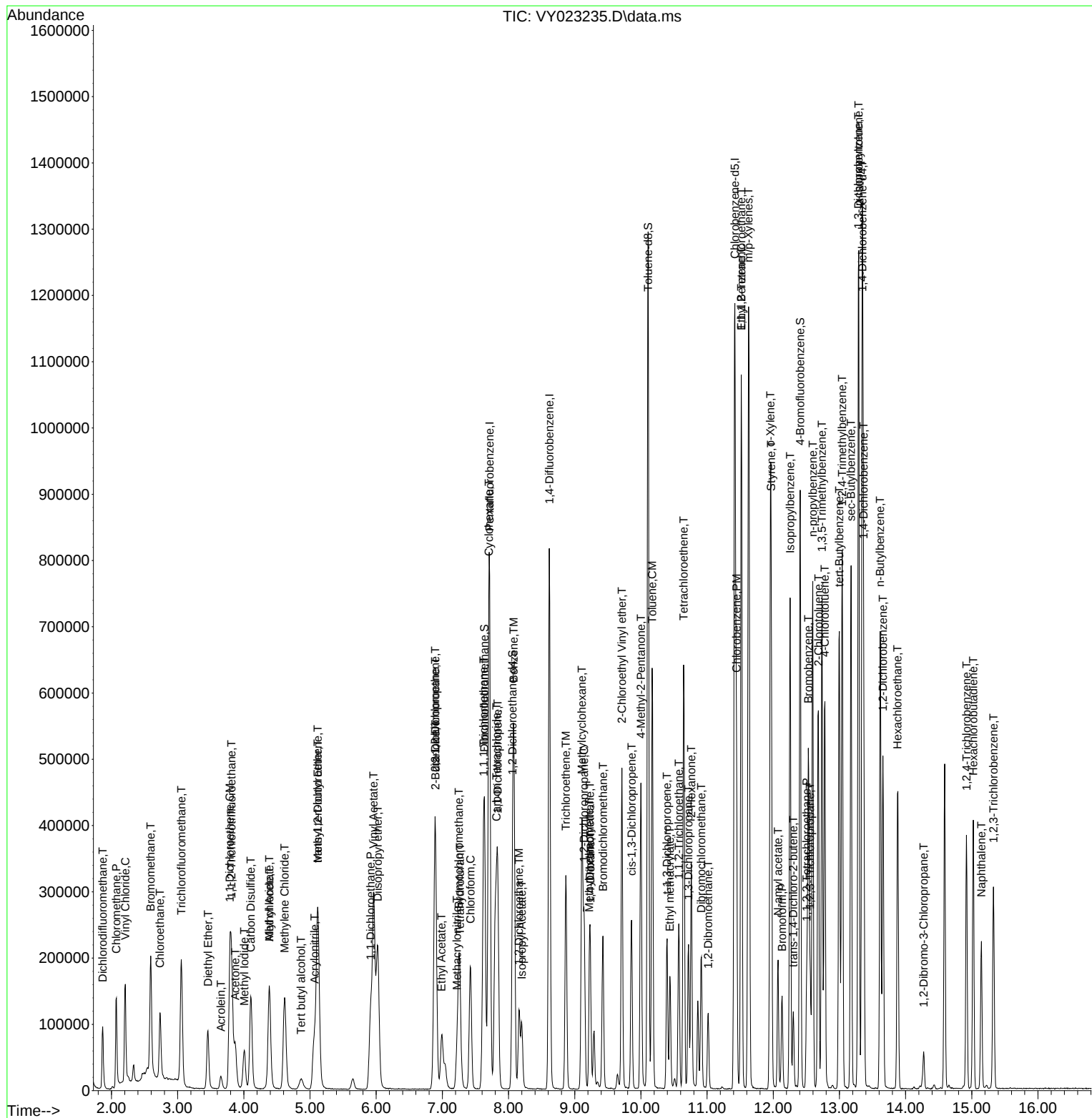
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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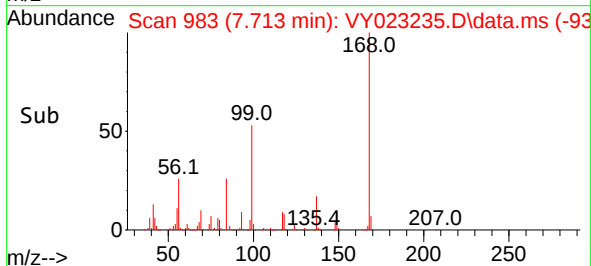
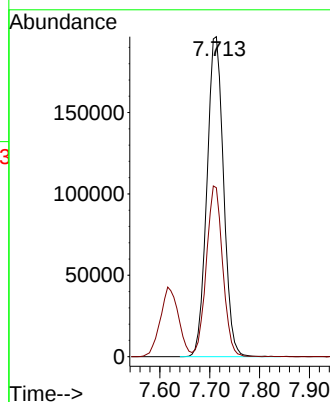
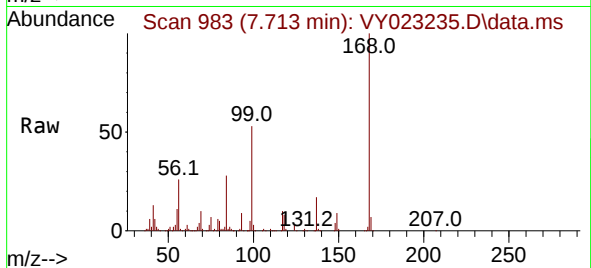




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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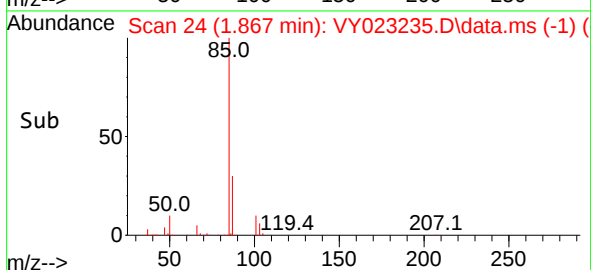
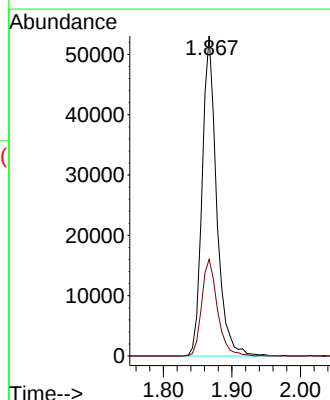
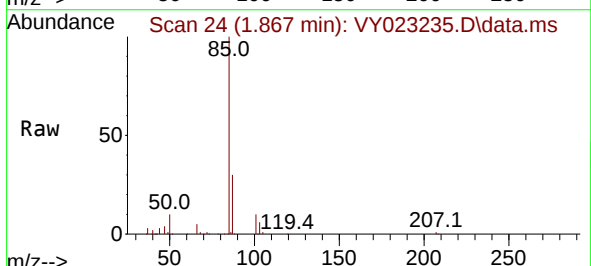
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

Tgt Ion:168 Resp: 455001
Ion Ratio Lower Upper
168 100
99 52.8 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.039 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 85 Resp: 78138
Ion Ratio Lower Upper
85 100
87 30.2 16.6 49.8

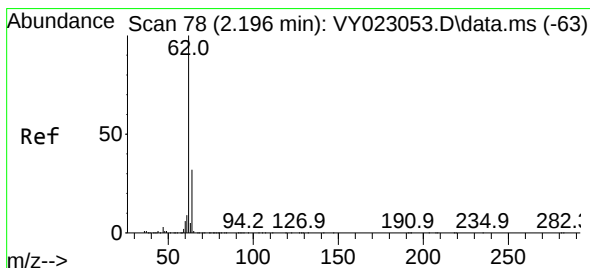
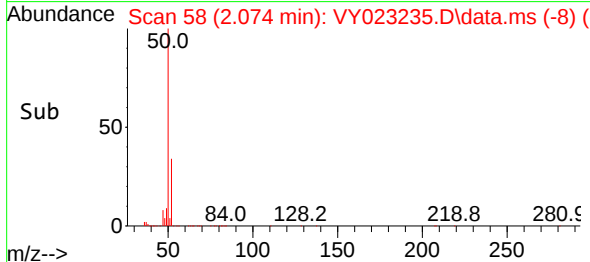
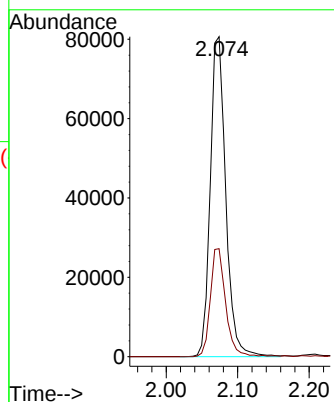
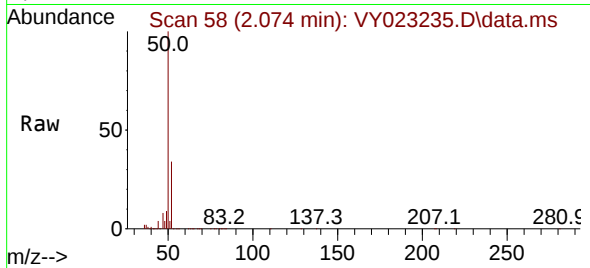




#3
Chloromethane
Concen: 20.222 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

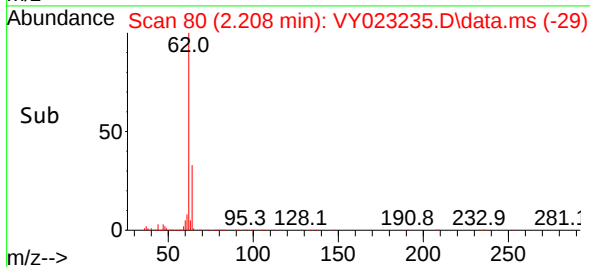
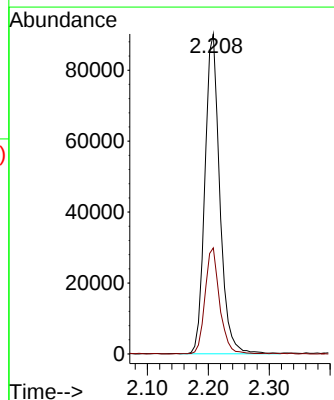
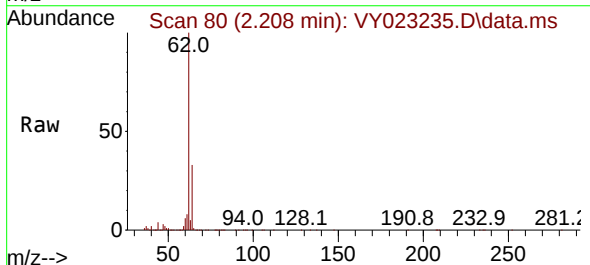
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ClientSampleId :
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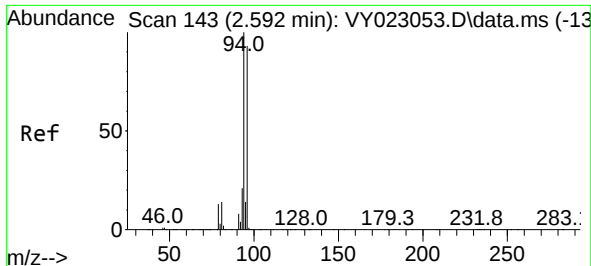
Tgt Ion: 50 Resp: 121645
Ion Ratio Lower Upper
50 100
52 33.8 26.7 40.1



#4
Vinyl Chloride
Concen: 20.568 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 62 Resp: 152944
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0

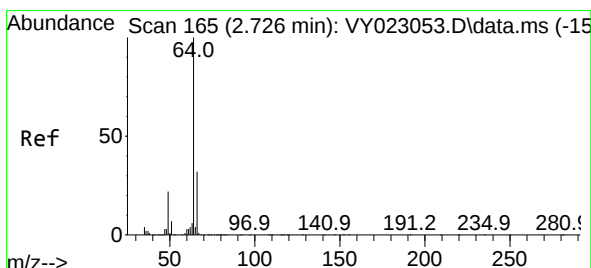
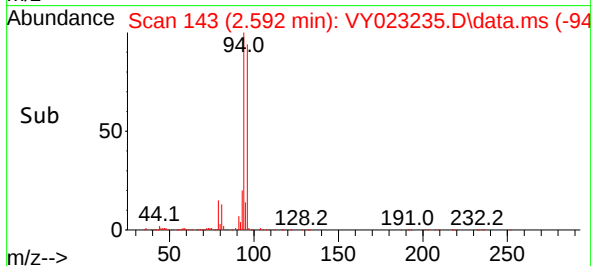
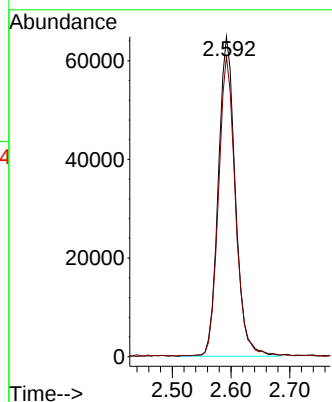
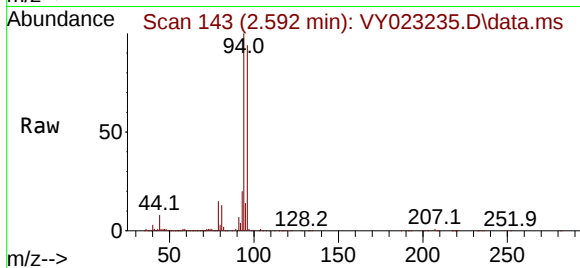




#5
Bromomethane
Concen: 23.445 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

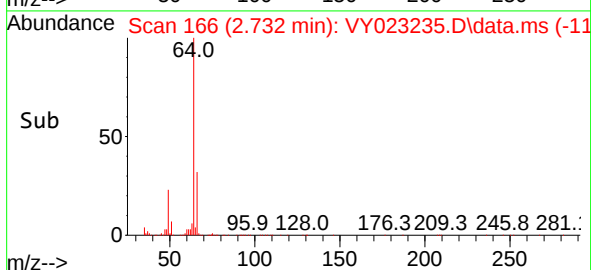
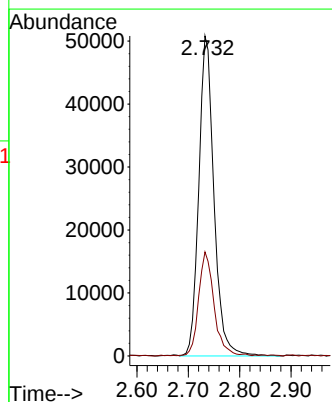
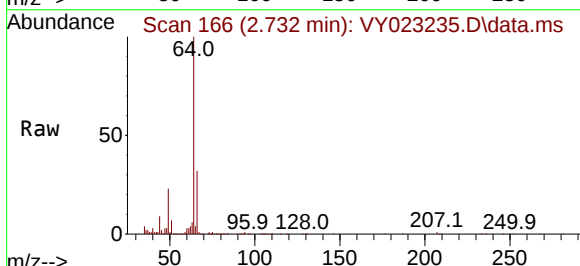
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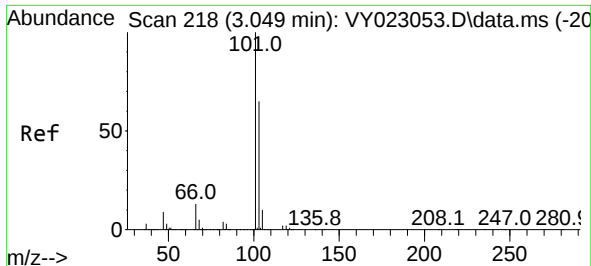
Tgt Ion: 94 Resp: 130196
Ion Ratio Lower Upper
94 100
96 93.7 74.6 112.0



#6
Chloroethane
Concen: 21.045 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 64 Resp: 104037
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.6

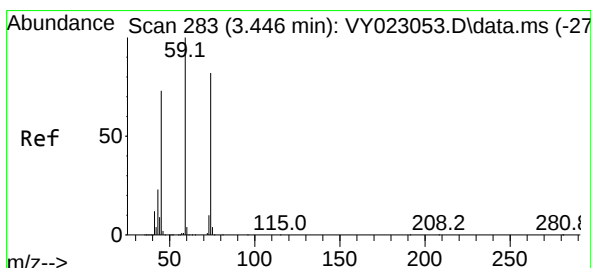
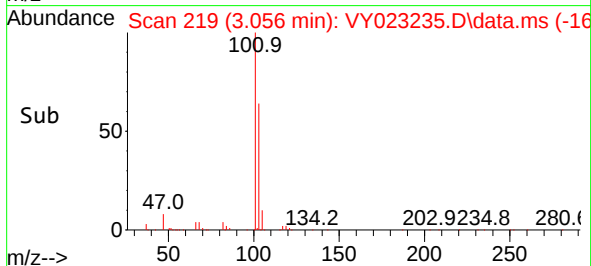
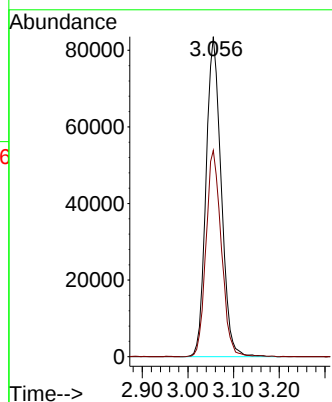
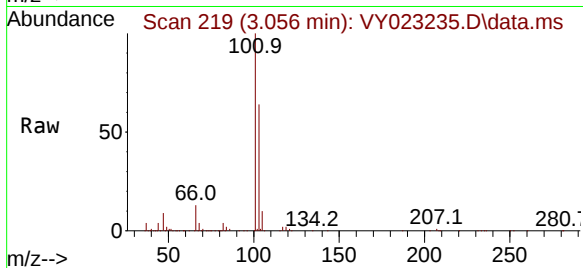




#7
Trichlorofluoromethane
Concen: 21.259 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

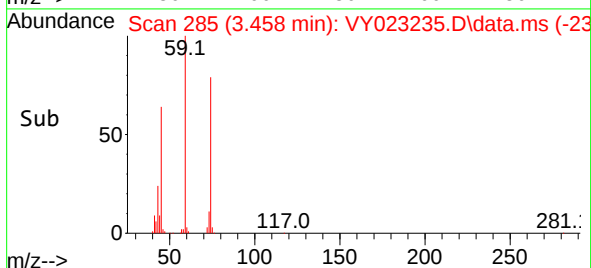
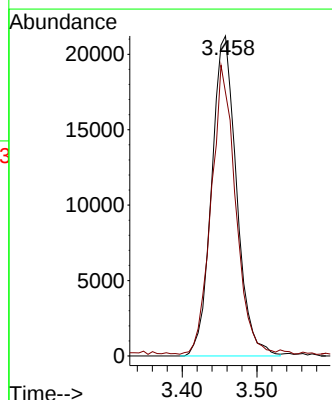
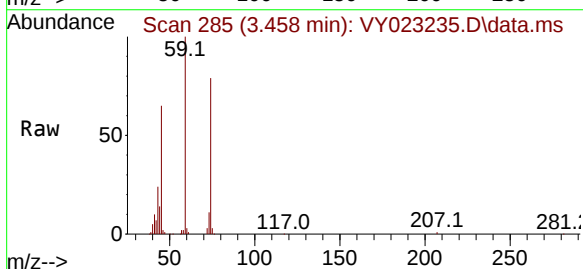
Instrument :
MSVOA_Y
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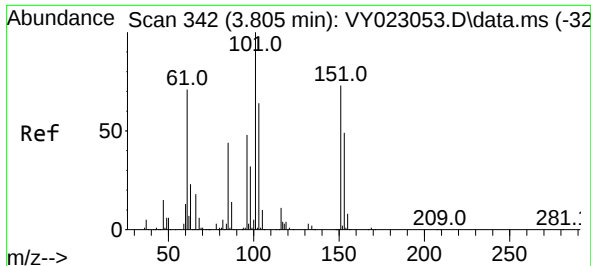
Tgt Ion:101 Resp: 192217
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9



#8
Diethyl Ether
Concen: 20.564 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 74 Resp: 49193
Ion Ratio Lower Upper
74 100
45 87.9 44.4 133.2

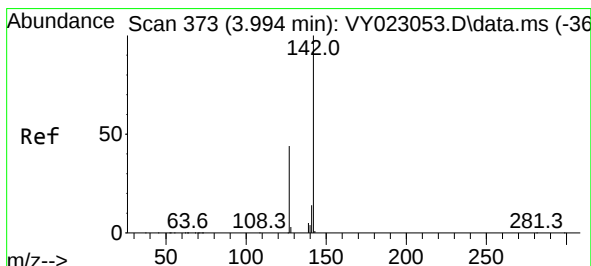
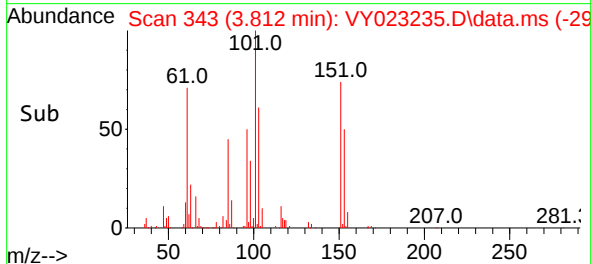
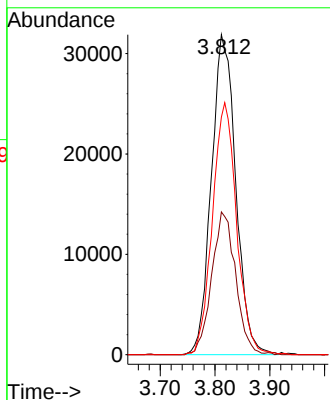
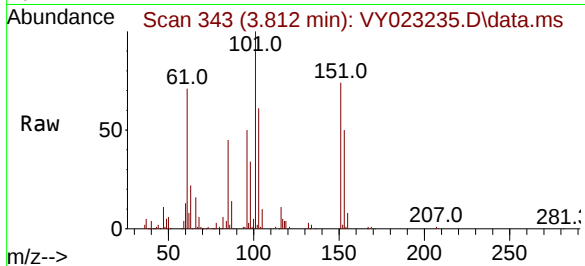




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.105 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023235.D
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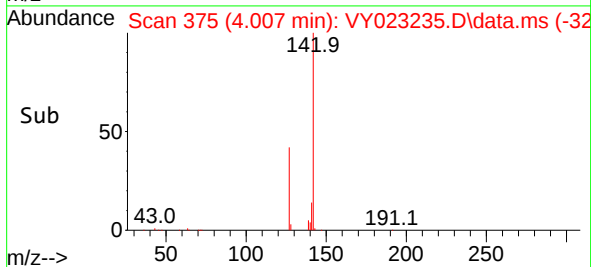
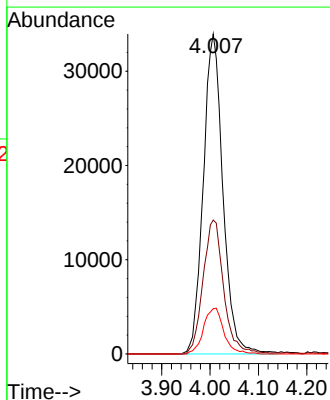
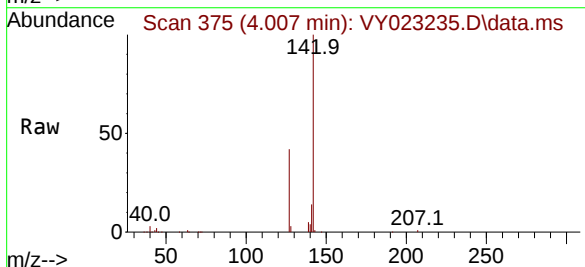
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

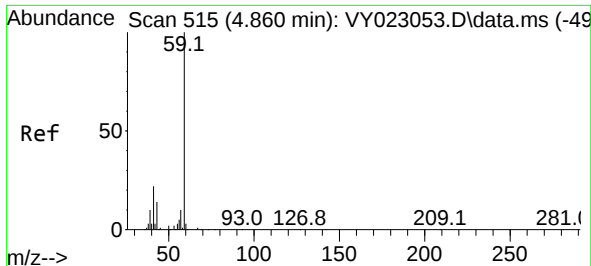
Tgt Ion:101 Resp: 98602
Ion Ratio Lower Upper
101 100
85 43.9 36.3 54.5
151 78.3 61.5 92.3



#10
Methyl Iodide
Concen: 19.936 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion:142 Resp: 95963
Ion Ratio Lower Upper
142 100
127 43.9 34.9 52.3
141 14.7 11.3 16.9





#11

Tert butyl alcohol

Concen: 99.004 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

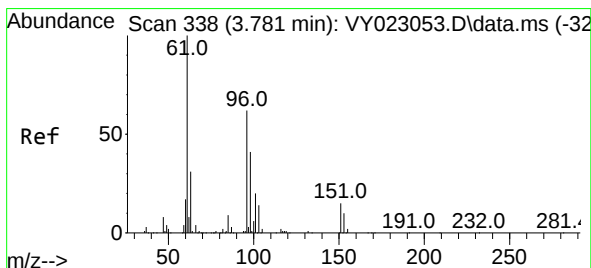
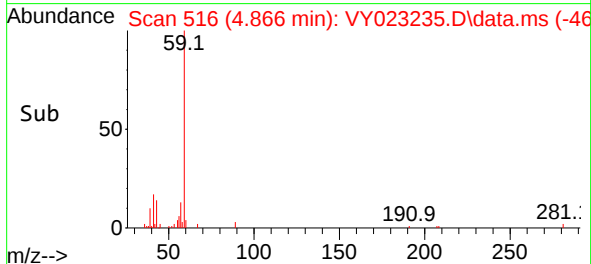
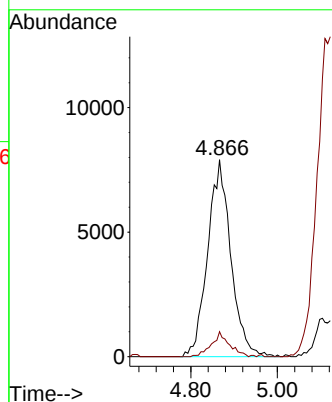
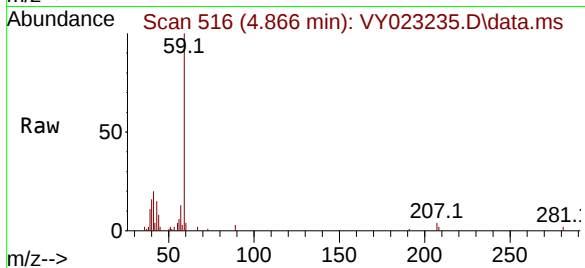
VY0829SBS01

Tgt Ion: 59 Resp: 29417

Ion Ratio Lower Upper

59 100

57 9.7 8.6 13.0



#12

1,1-Dichloroethene

Concen: 21.133 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

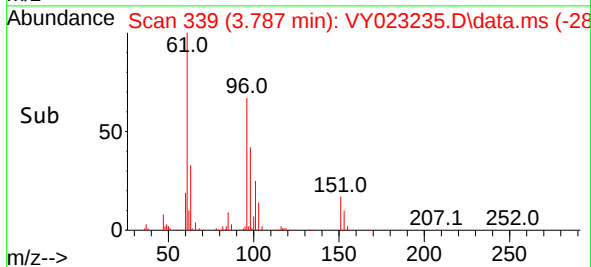
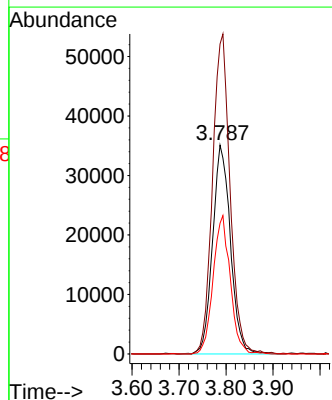
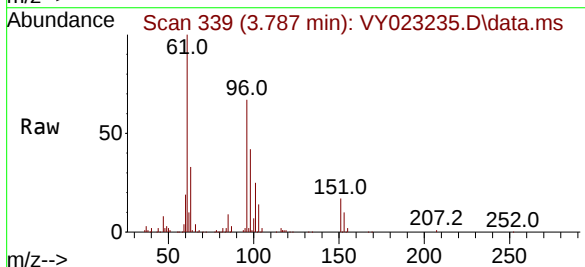
Tgt Ion: 96 Resp: 92660

Ion Ratio Lower Upper

96 100

61 148.4 129.4 194.2

98 62.6 52.8 79.2

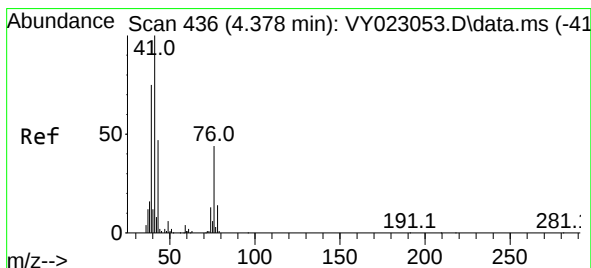
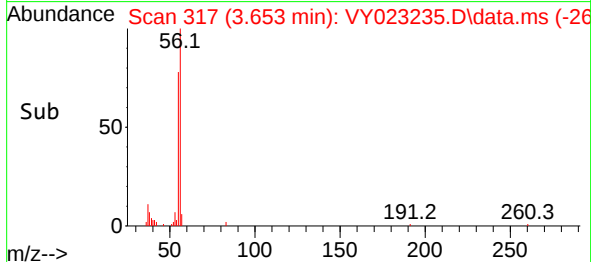
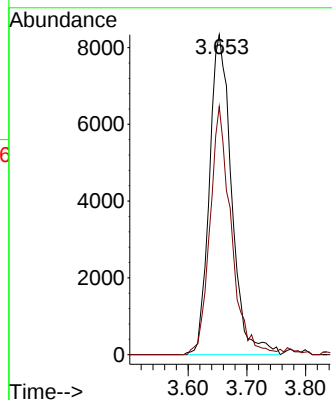
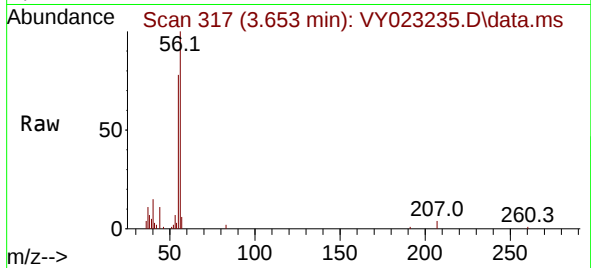




#13
Acrolein
Concen: 50.346 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

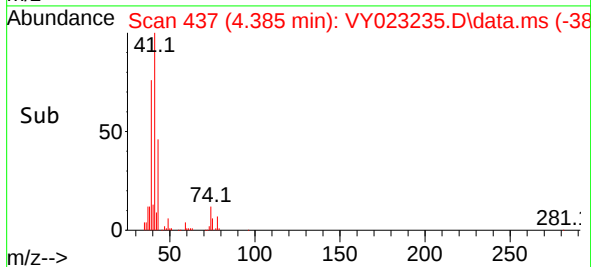
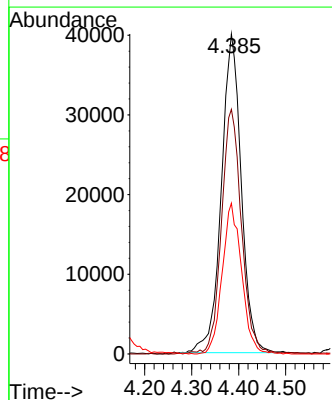
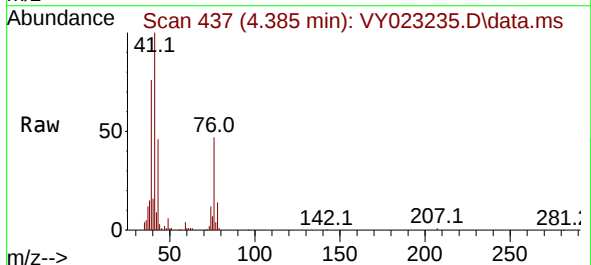
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

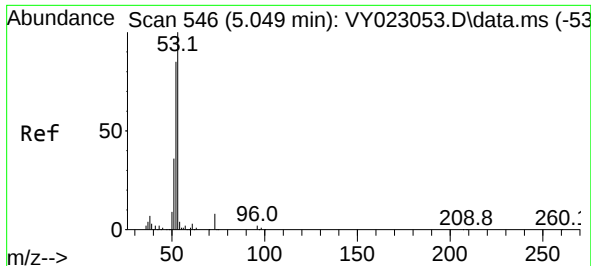
Tgt Ion: 56 Resp: 21908
Ion Ratio Lower Upper
56 100
55 73.6 55.2 82.8



#14
Allyl chloride
Concen: 18.254 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 41 Resp: 117770
Ion Ratio Lower Upper
41 100
39 77.3 59.8 89.6
76 46.1 33.7 50.5

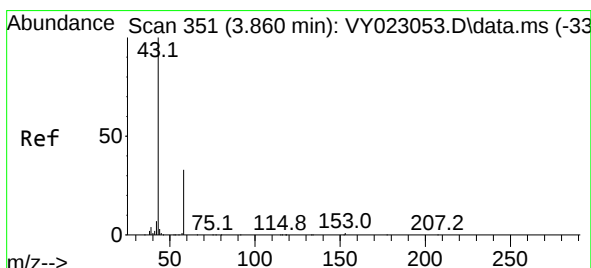
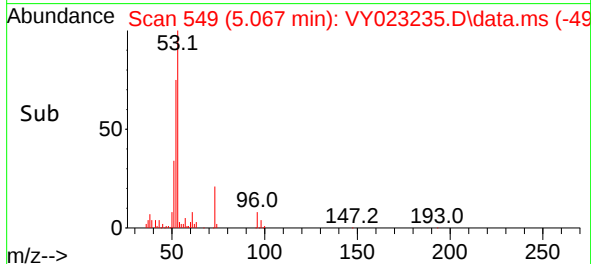
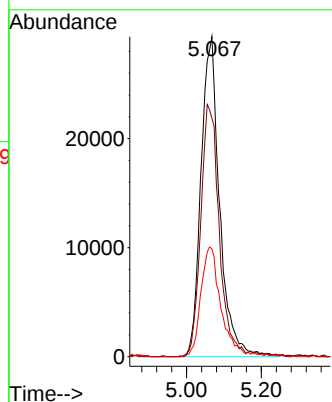
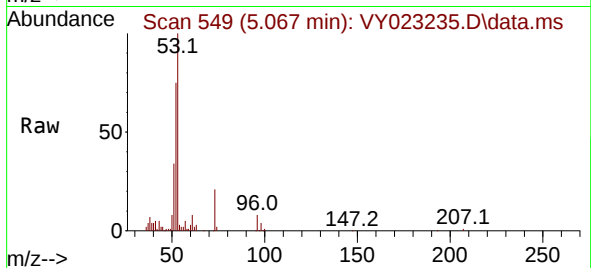




#15
Acrylonitrile
Concen: 104.427 ug/l
RT: 5.067 min Scan# 546
Delta R.T. 0.018 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

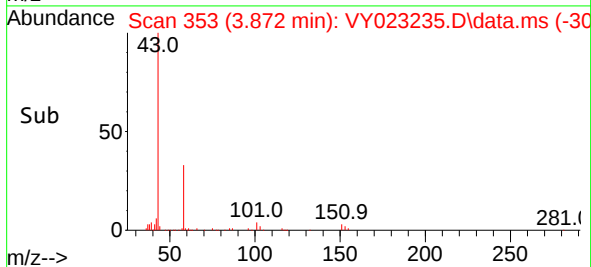
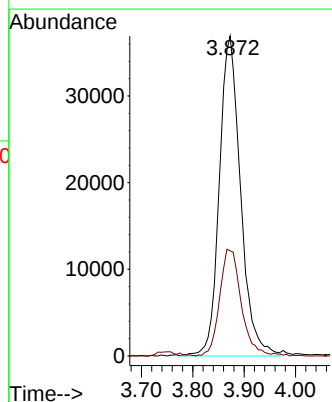
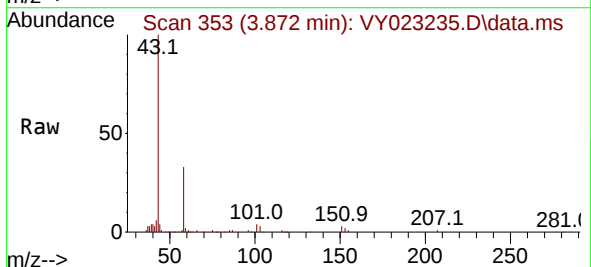
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

Tgt Ion: 53 Resp: 101558
Ion Ratio Lower Upper
53 100
52 77.7 65.3 97.9
51 36.2 29.5 44.3



#16
Acetone
Concen: 112.815 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 43 Resp: 105987
Ion Ratio Lower Upper
43 100
58 32.2 27.1 40.7

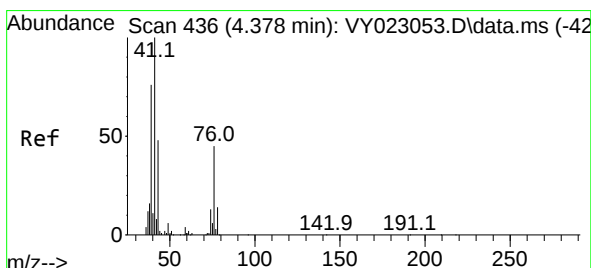
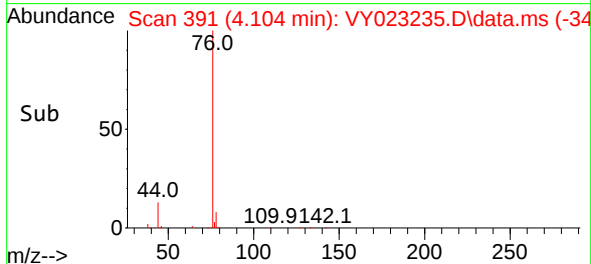
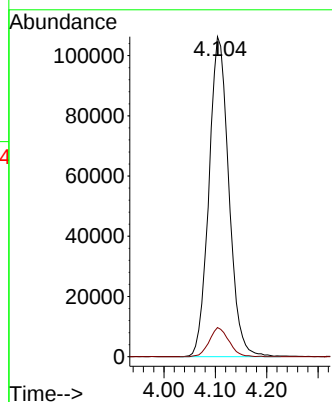
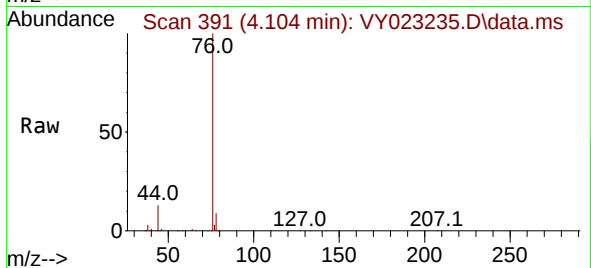




#17
Carbon Disulfide
Concen: 20.050 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

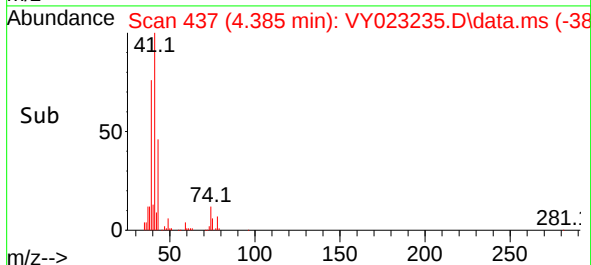
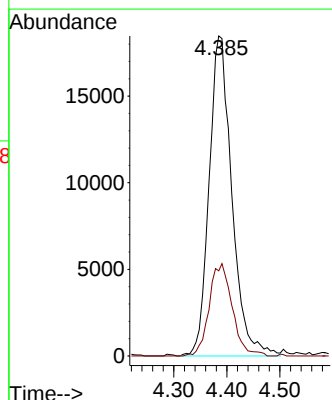
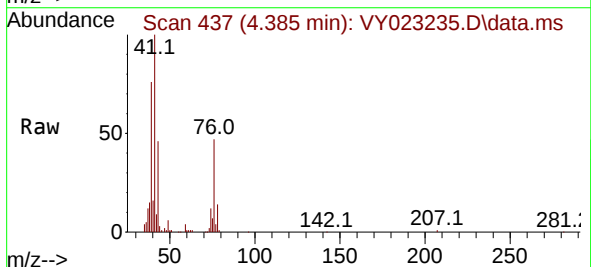
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

Tgt Ion: 76 Resp: 286650
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 19.693 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 43 Resp: 55055
Ion Ratio Lower Upper
43 100
74 29.2 21.2 31.8

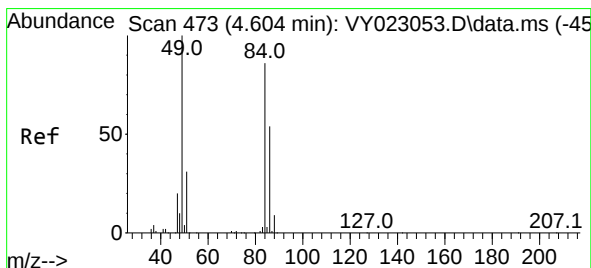
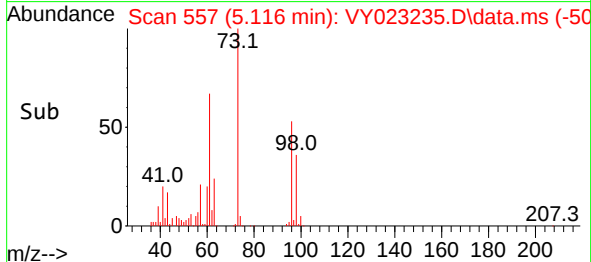
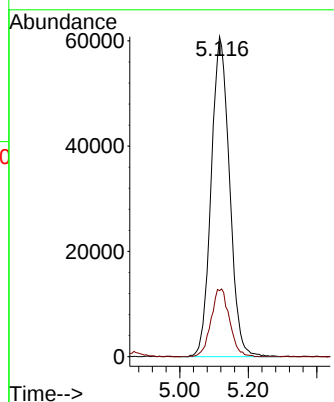
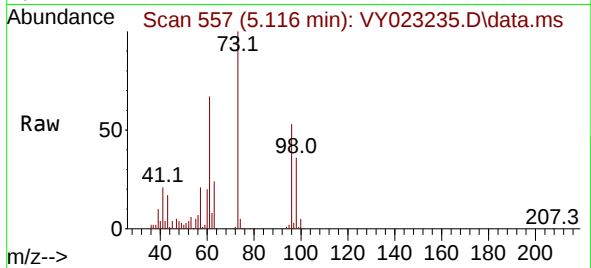




#19
Methyl tert-butyl Ether
Concen: 19.885 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

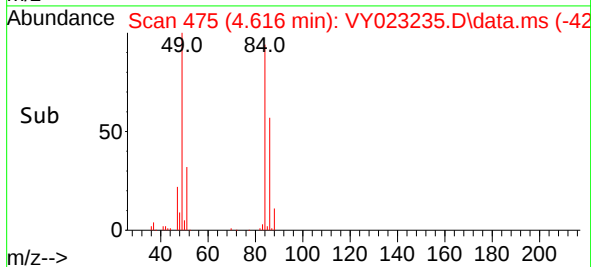
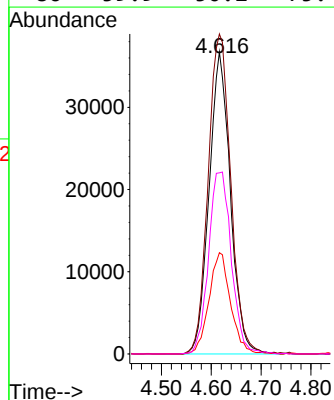
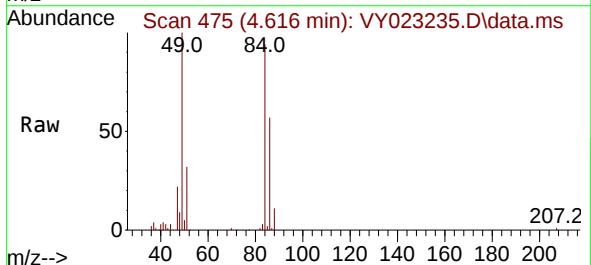
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

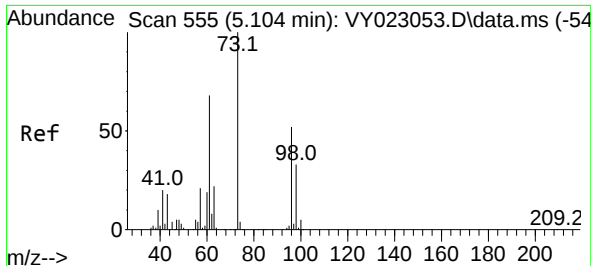
Tgt Ion: 73 Resp: 225931
Ion Ratio Lower Upper
73 100
57 20.7 17.1 25.7



#20
Methylene Chloride
Concen: 20.756 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 84 Resp: 109085
Ion Ratio Lower Upper
84 100
49 105.9 93.0 139.6
51 33.5 29.0 43.4
86 59.9 50.2 75.4

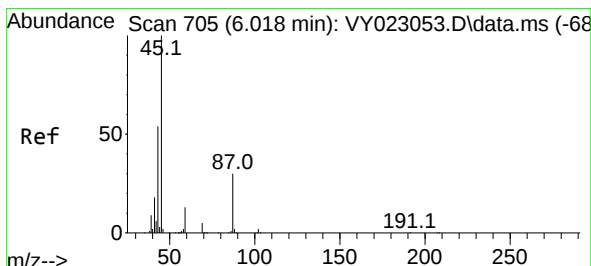
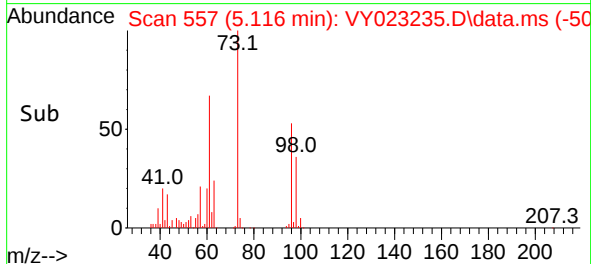
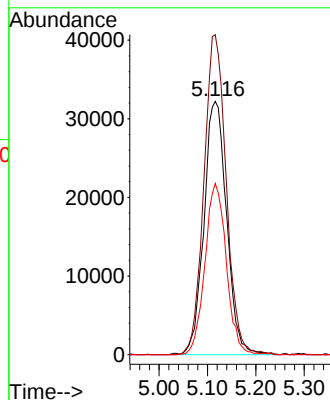
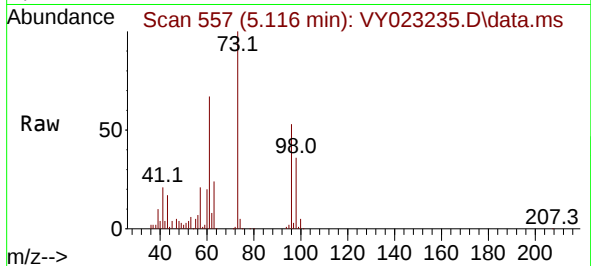




#21
trans-1,2-Dichloroethene
Concen: 21.293 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

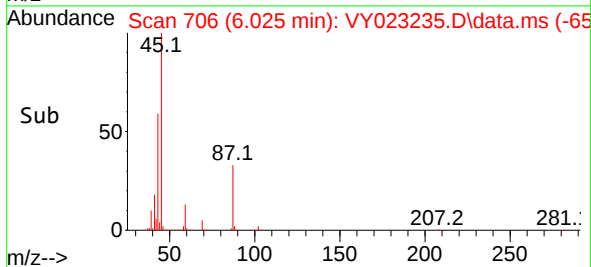
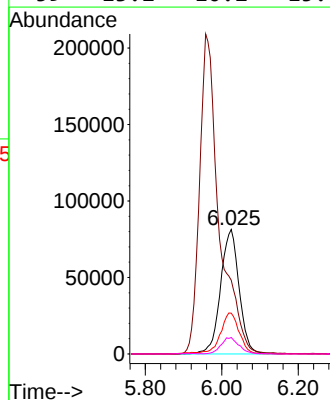
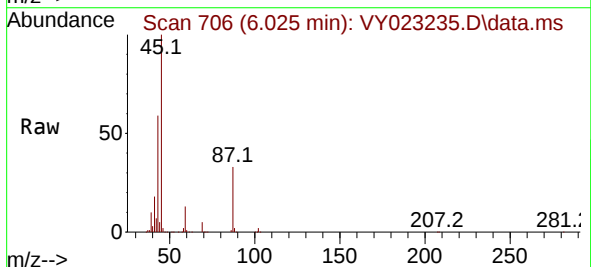
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

Tgt Ion: 96 Resp: 104919
Ion Ratio Lower Upper
96 100
61 126.3 104.8 157.2
98 67.6 50.1 75.1



#22
Diisopropyl ether
Concen: 19.599 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 45 Resp: 274764
Ion Ratio Lower Upper
45 100
43 59.1 43.4 65.0
87 32.8 24.4 36.6
59 13.2 10.2 15.4

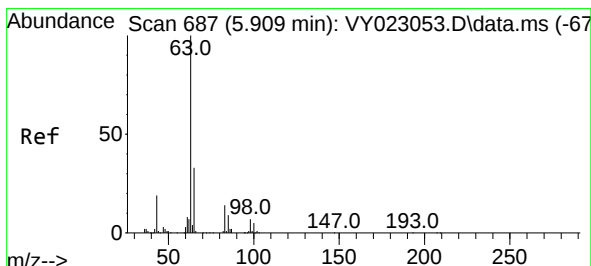
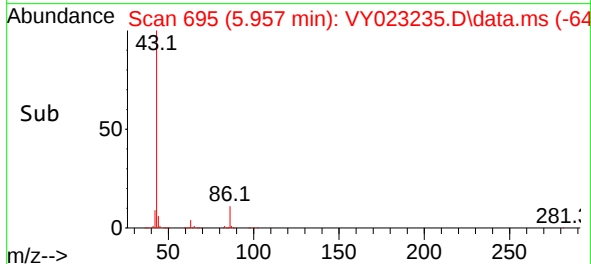
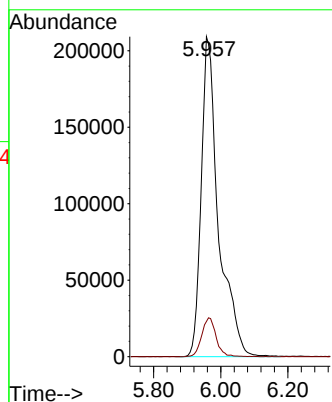
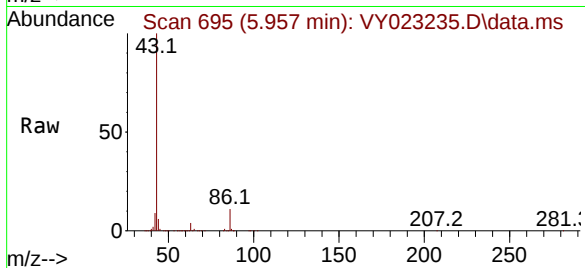




#23
 Vinyl Acetate
 Concen: 96.492 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023235.D
 Acq: 29 Aug 2025 10:05

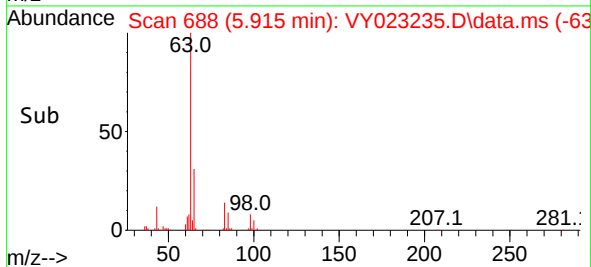
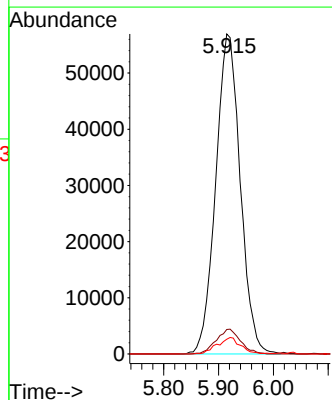
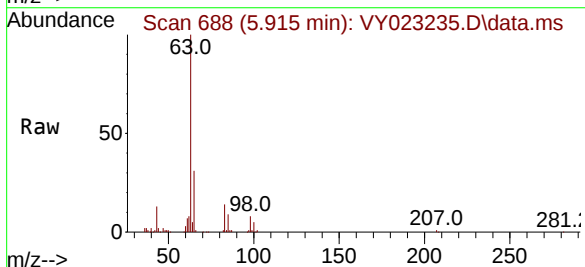
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBS01

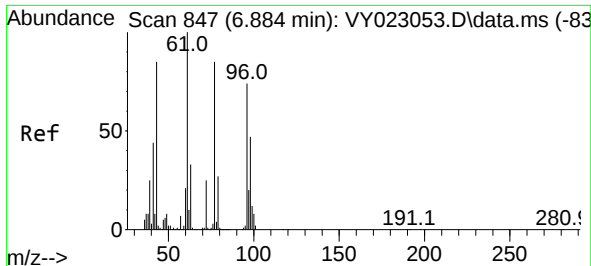
Tgt Ion: 43 Resp: 748011
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.652 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023235.D
 Acq: 29 Aug 2025 10:05

Tgt Ion: 63 Resp: 177016
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 106.441 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

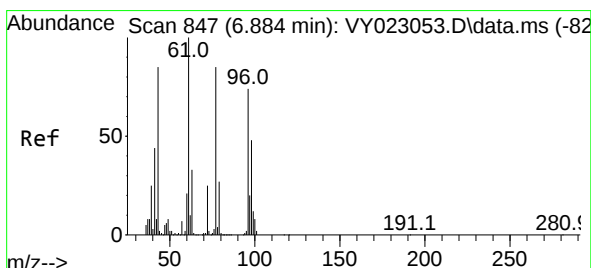
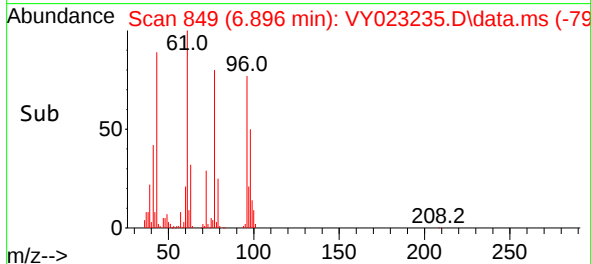
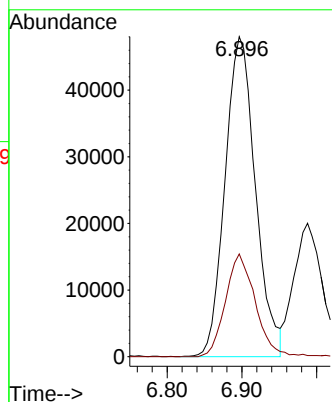
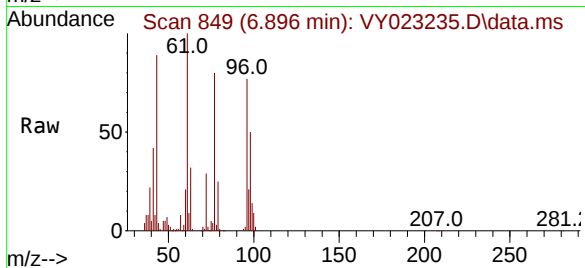
VY0829SBS01

Tgt Ion: 43 Resp: 136002

Ion Ratio Lower Upper

43 100

72 32.1 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.623 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023235.D

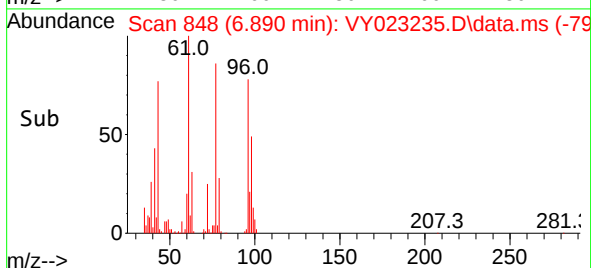
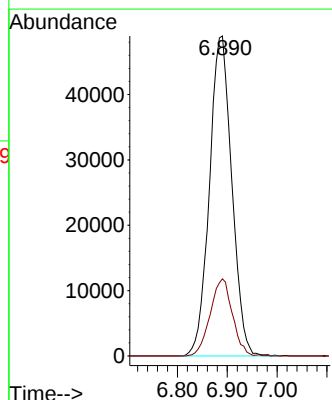
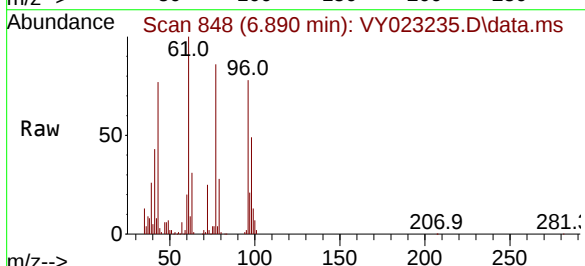
Acq: 29 Aug 2025 10:05

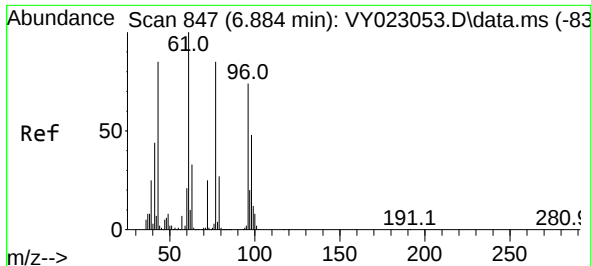
Tgt Ion: 77 Resp: 152531

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8



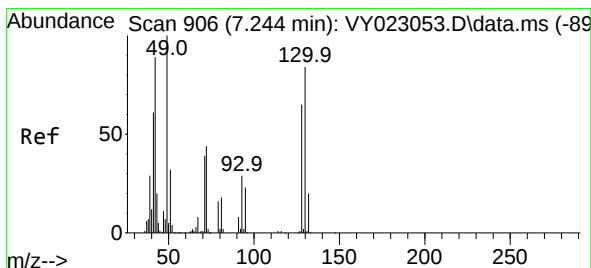
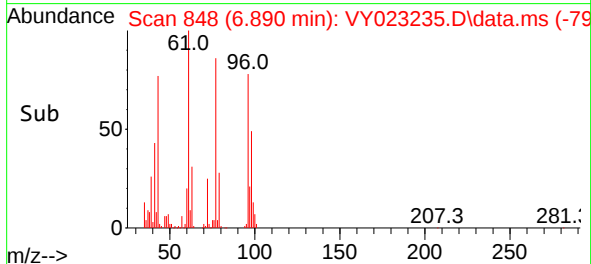
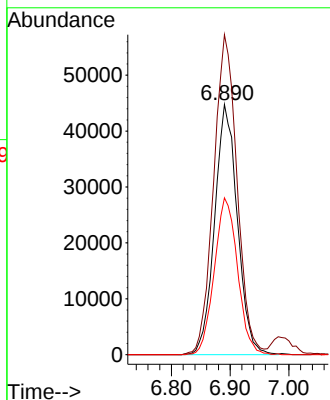
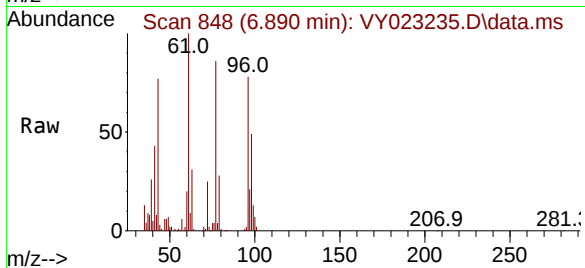


#27
 cis-1,2-Dichloroethene
 Concen: 21.144 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023235.D
 Acq: 29 Aug 2025 10:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBS01

Tgt Ion: 96 Resp: 120444

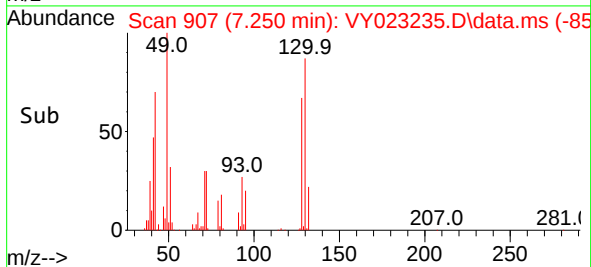
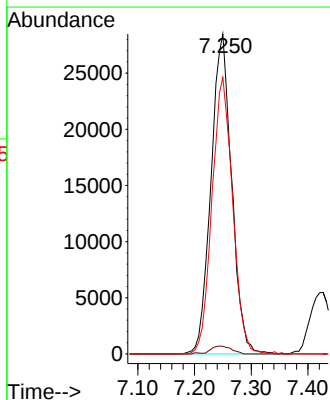
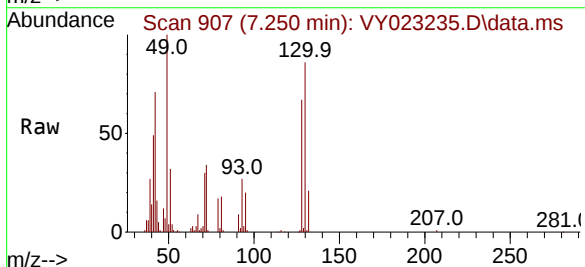
Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	278.6
98	64.0	0.0	130.4

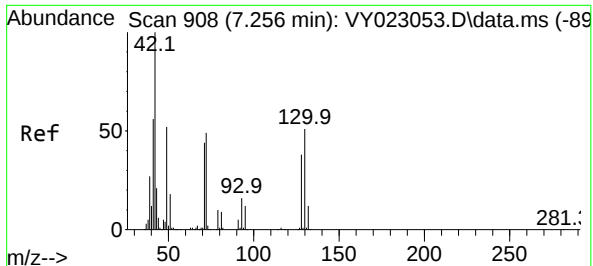


#28
 Bromochloromethane
 Concen: 21.199 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023235.D
 Acq: 29 Aug 2025 10:05

Tgt Ion: 49 Resp: 72088

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	86.2	66.4	99.6





#29

Tetrahydrofuran

Concen: 97.391 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

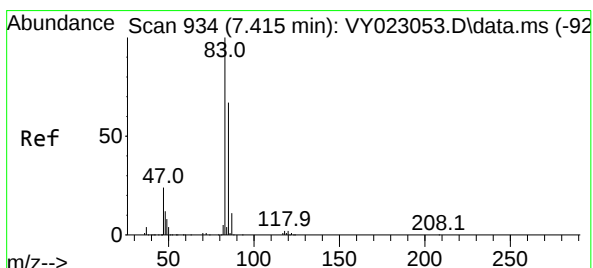
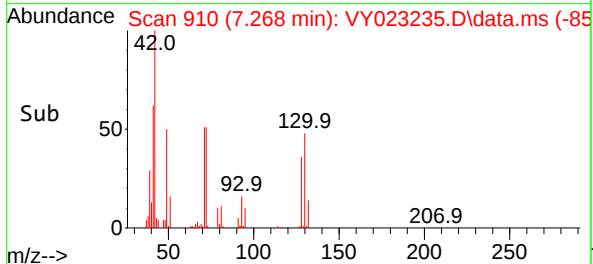
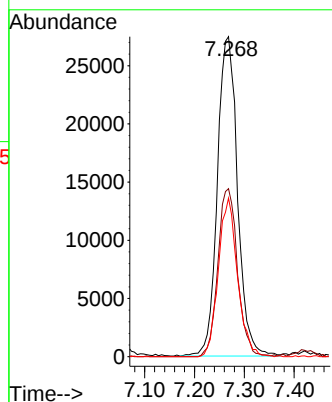
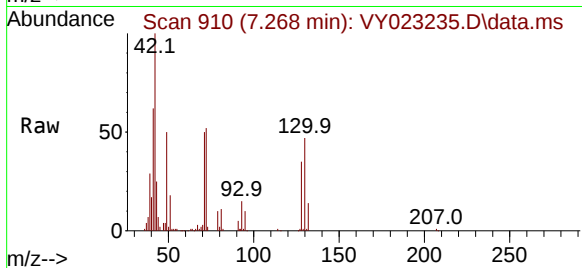
Tgt Ion: 42 Resp: 77134

Ion Ratio Lower Upper

42 100

72 51.2 39.4 59.2

71 47.1 36.5 54.7



#30

Chloroform

Concen: 21.066 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY023235.D

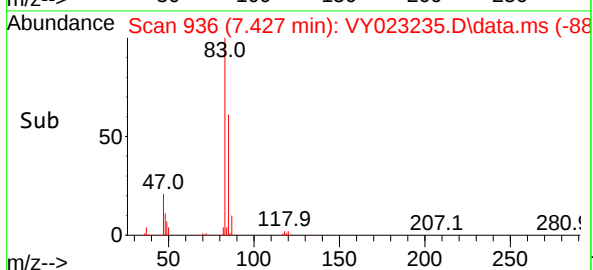
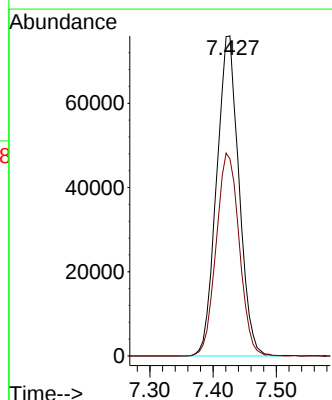
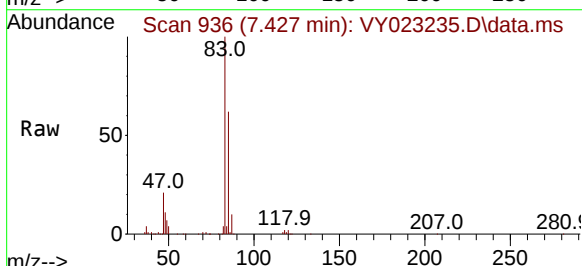
Acq: 29 Aug 2025 10:05

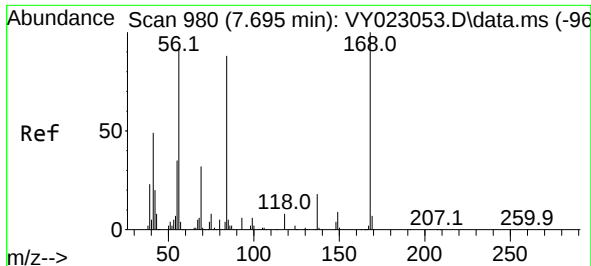
Tgt Ion: 83 Resp: 186220

Ion Ratio Lower Upper

83 100

85 61.5 53.8 80.8

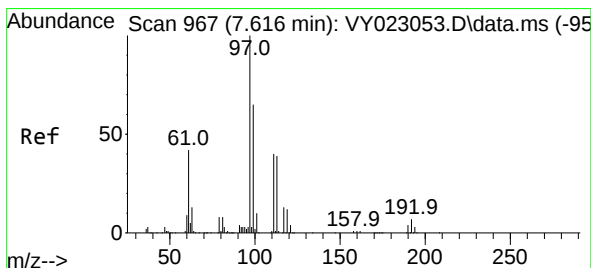
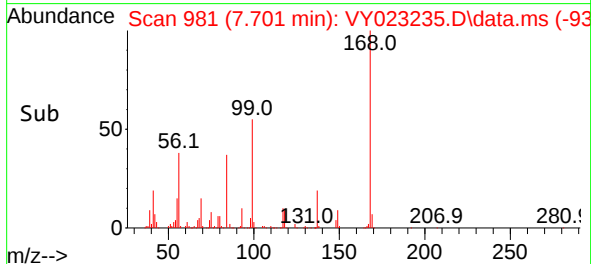
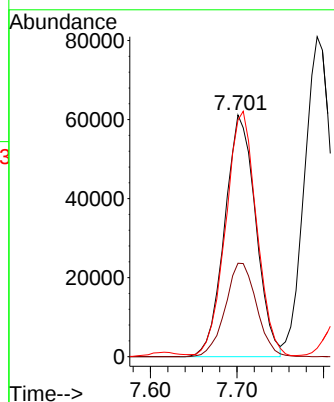
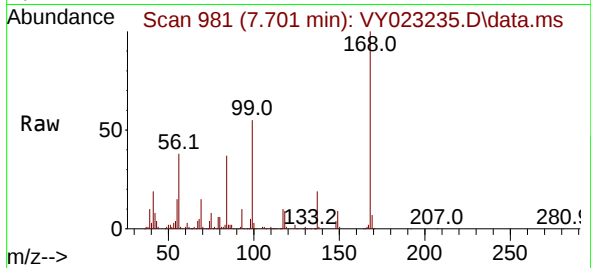




#31
Cyclohexane
Concen: 18.904 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

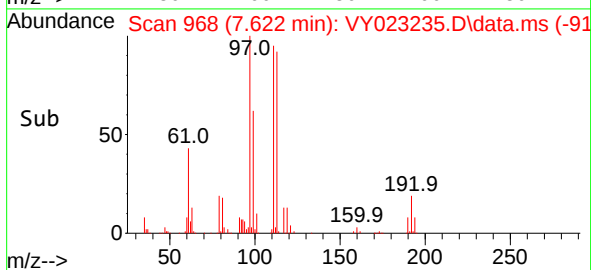
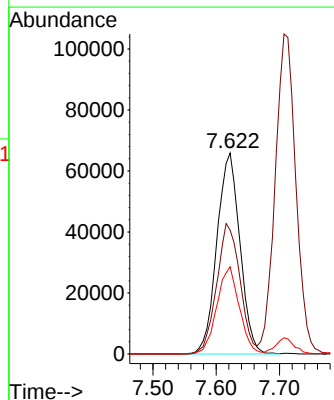
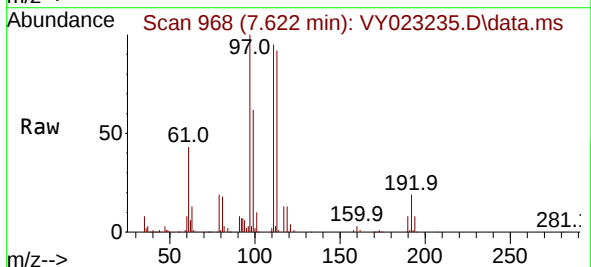
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

Tgt Ion: 56 Resp: 152691
Ion Ratio Lower Upper
56 100
69 38.7 28.2 42.2
84 96.8 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.221 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 97 Resp: 166447
Ion Ratio Lower Upper
97 100
99 65.6 51.6 77.4
61 42.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.026 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

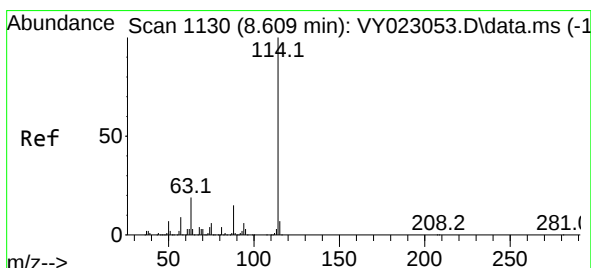
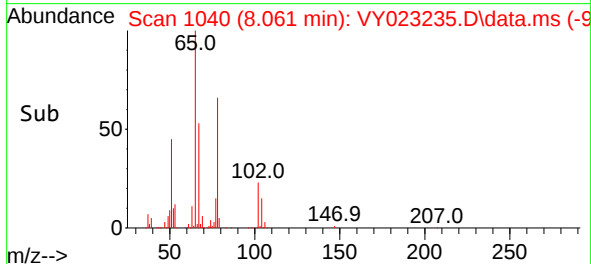
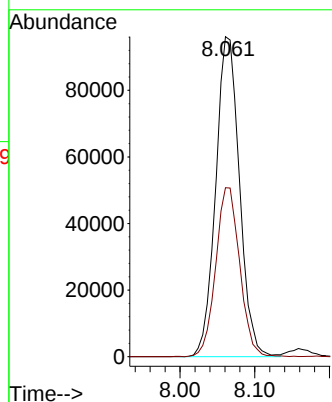
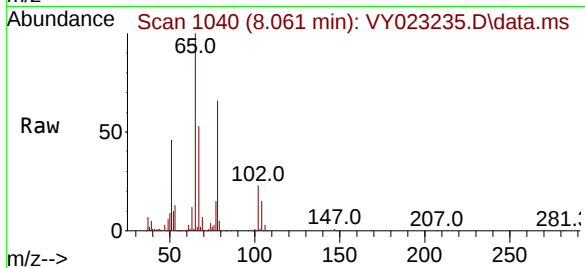
VY0829SBS01

Tgt Ion: 65 Resp: 212600

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

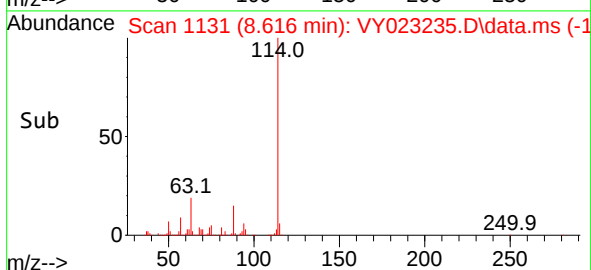
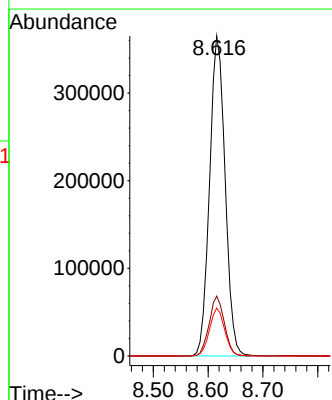
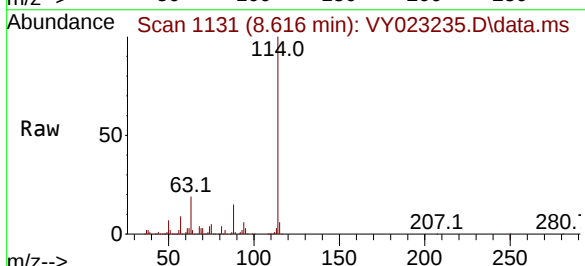
Tgt Ion: 114 Resp: 716457

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 14.9 0.0 30.0

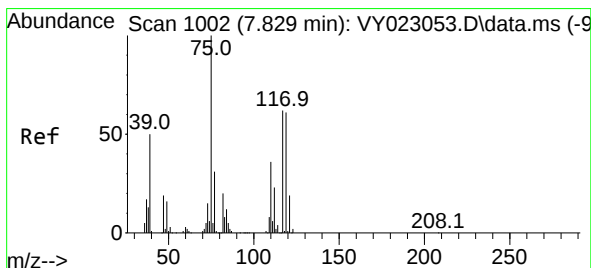
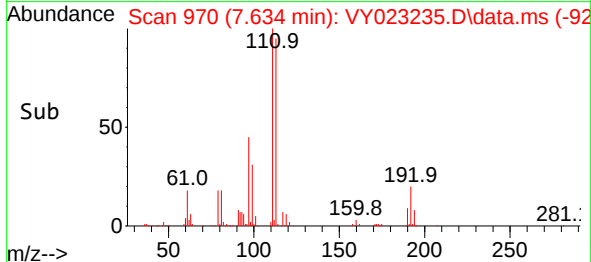
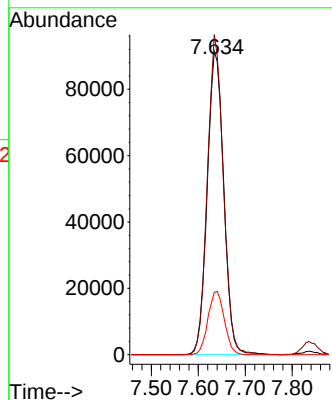
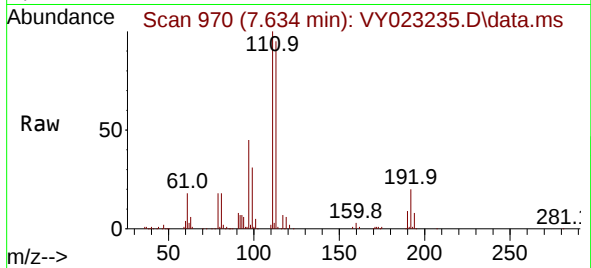




#35
Dibromofluoromethane
Concen: 51.859 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

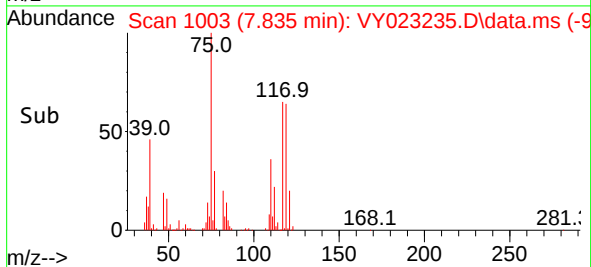
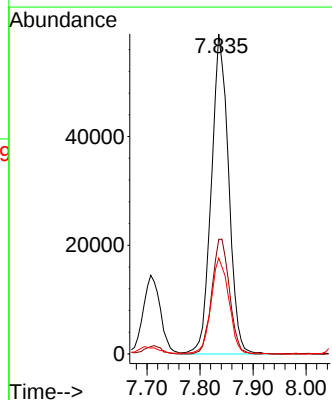
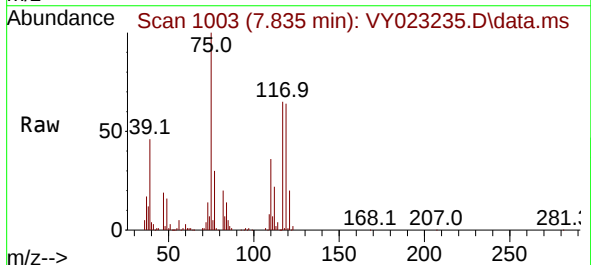
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

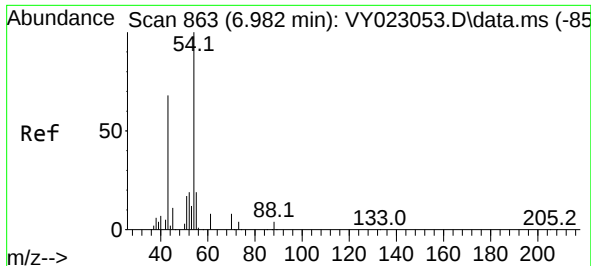
Tgt Ion:113 Resp: 222321
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 20.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.900 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 75 Resp: 133158
Ion Ratio Lower Upper
75 100
110 36.6 18.1 54.4
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 20.433 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

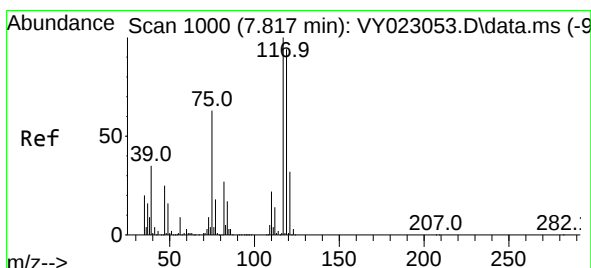
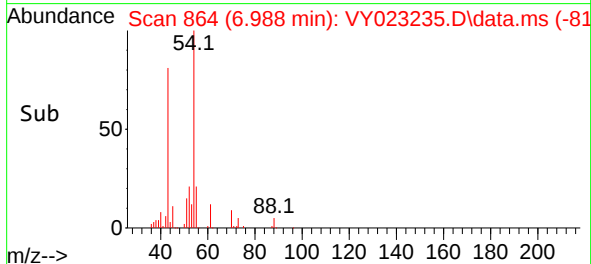
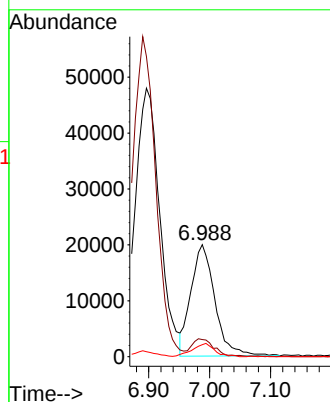
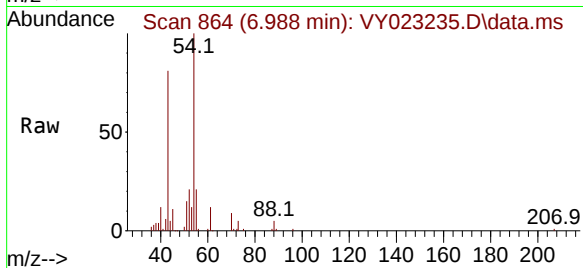
Tgt Ion: 43 Resp: 54685

Ion Ratio Lower Upper

43 100

61 14.6 11.9 17.9

70 11.0 8.8 13.2



#38

Carbon Tetrachloride

Concen: 21.387 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

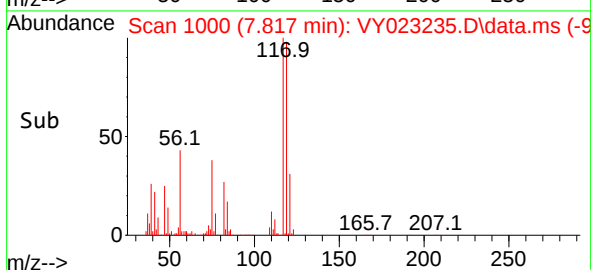
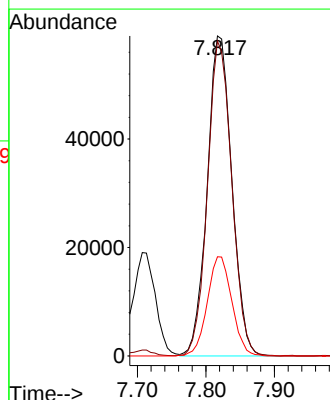
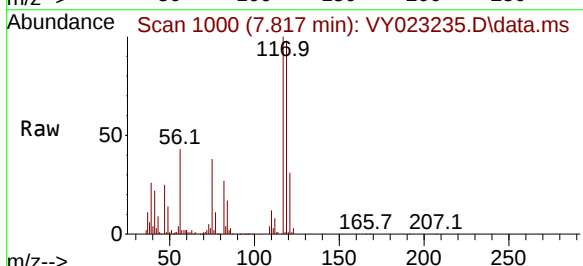
Tgt Ion: 117 Resp: 147996

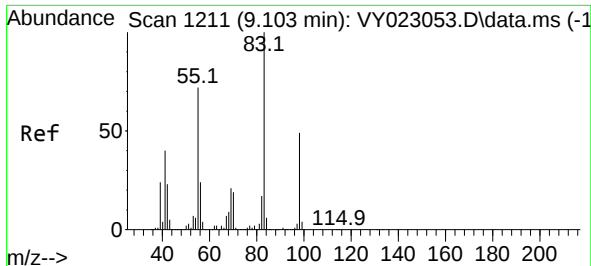
Ion Ratio Lower Upper

117 100

119 98.4 75.6 113.4

121 31.0 25.8 38.8





#39

Methylcyclohexane

Concen: 19.716 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

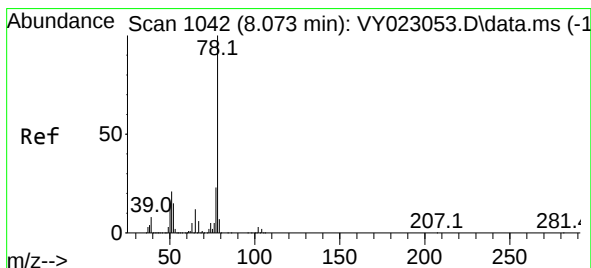
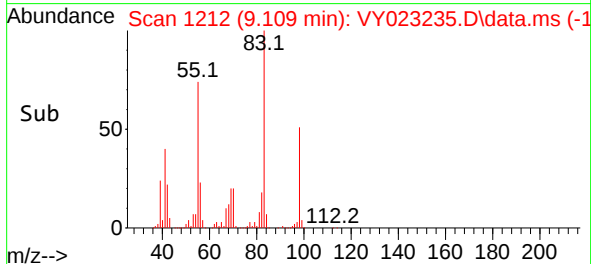
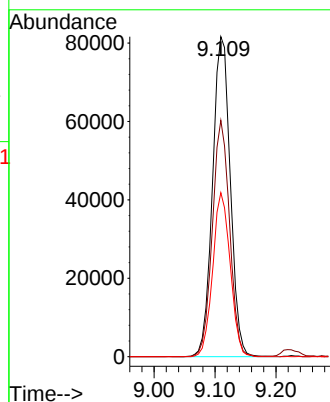
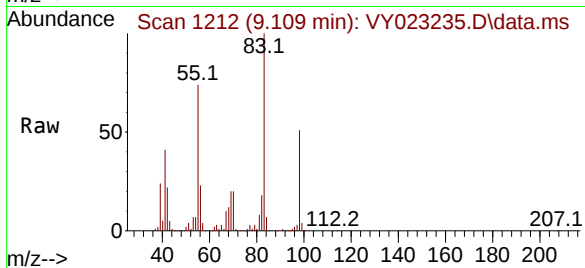
Tgt Ion: 83 Resp: 165414

Ion Ratio Lower Upper

83 100

55 73.9 57.6 86.4

98 51.3 39.2 58.8



#40

Benzene

Concen: 21.349 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023235.D

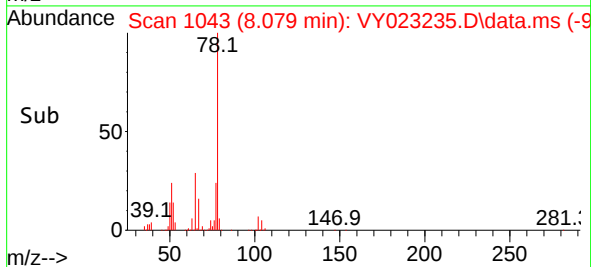
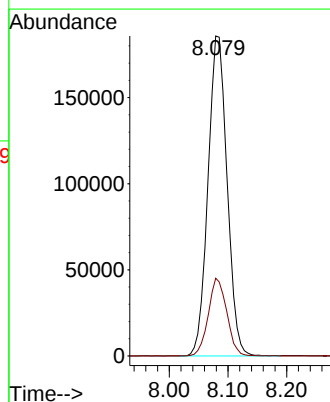
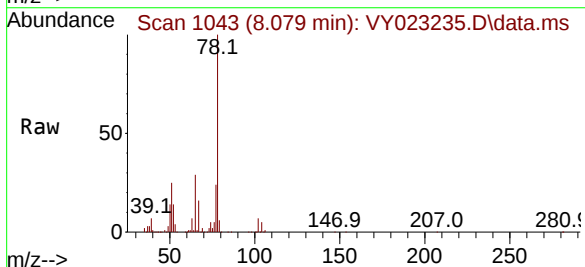
Acq: 29 Aug 2025 10:05

Tgt Ion: 78 Resp: 419233

Ion Ratio Lower Upper

78 100

77 24.3 18.6 28.0

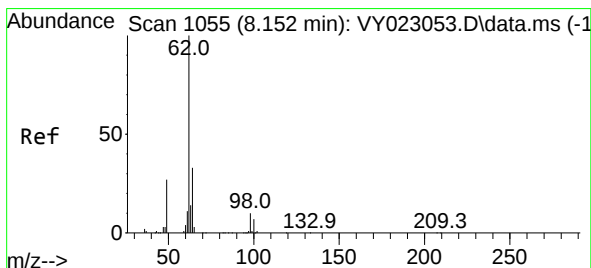
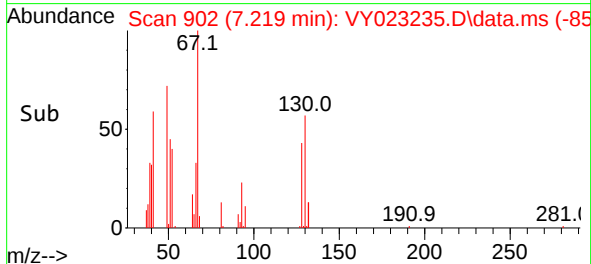
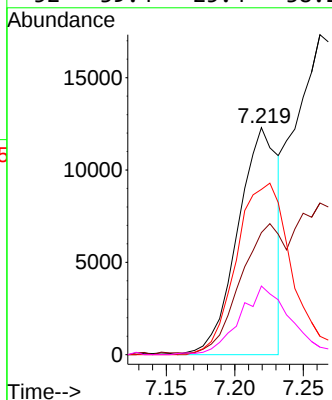
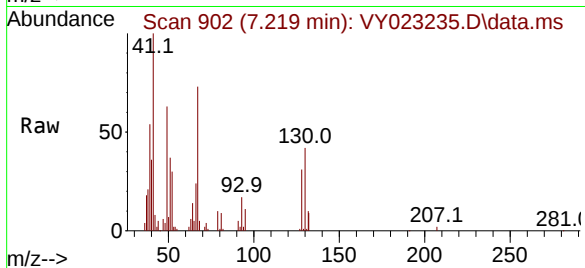




#41
Methacrylonitrile
Concen: 16.179 ug/l
RT: 7.219 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

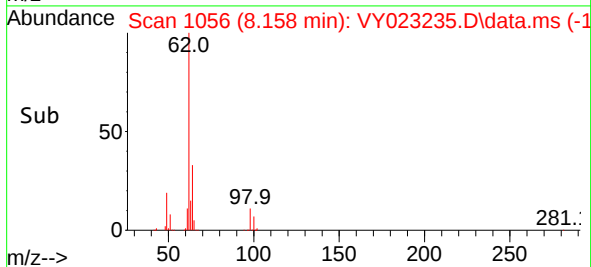
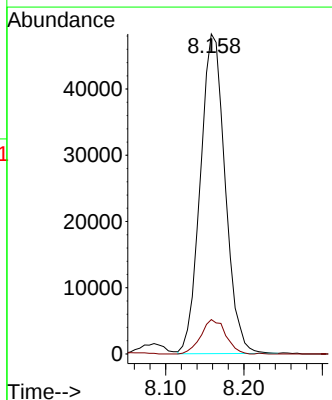
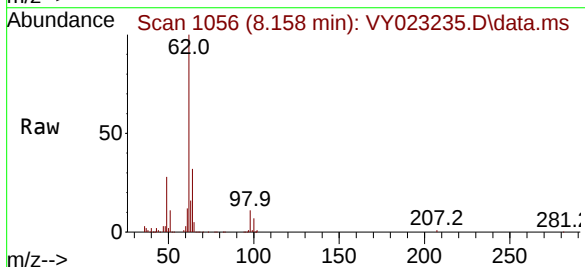
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

Tgt Ion:	41	Resp:	24990
Ion	Ratio	Lower	Upper
41	100		
39	63.2	43.4	65.2
67	104.7	63.6	95.4#
52	39.4	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 20.760 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion:	62	Resp:	106022
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6

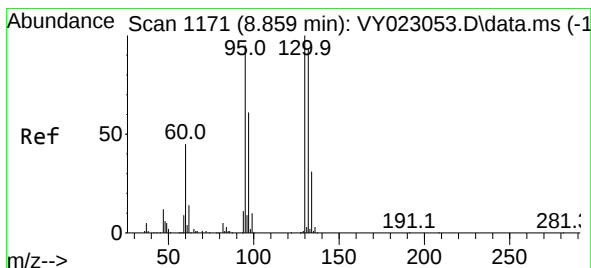
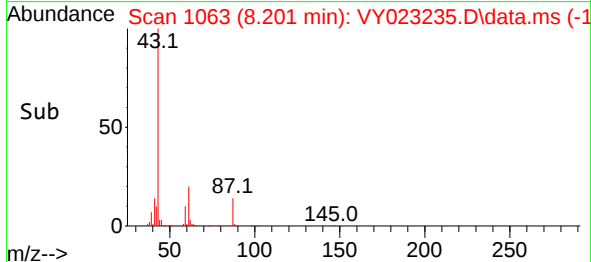
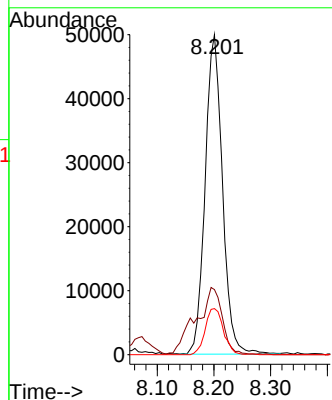
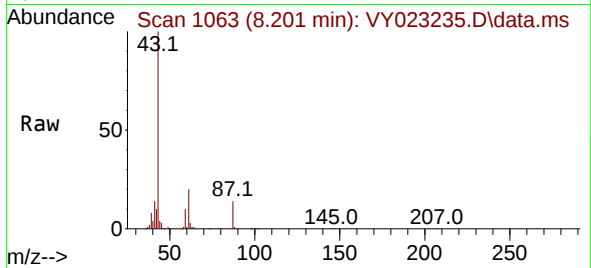




#43
Isopropyl Acetate
Concen: 19.588 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

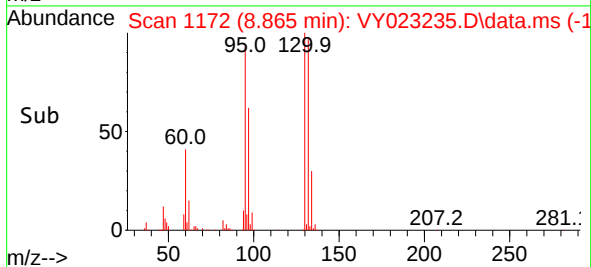
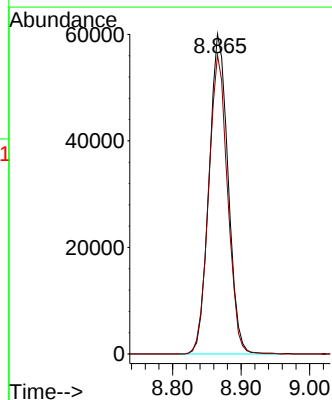
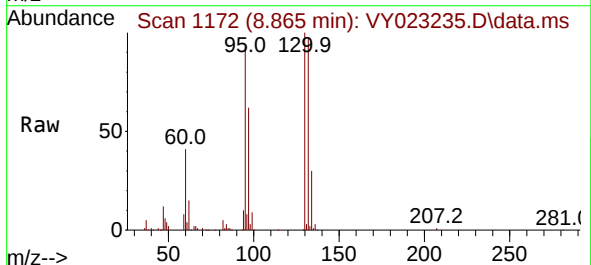
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

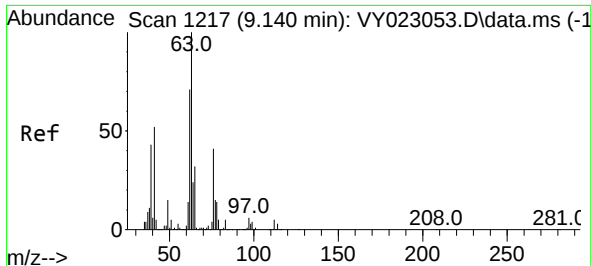
Tgt Ion: 43 Resp: 105956
Ion Ratio Lower Upper
43 100
61 31.5 16.4 24.6#
87 15.1 11.8 17.6



#44
Trichloroethene
Concen: 22.801 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion:130 Resp: 115706
Ion Ratio Lower Upper
130 100
95 93.5 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.828 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

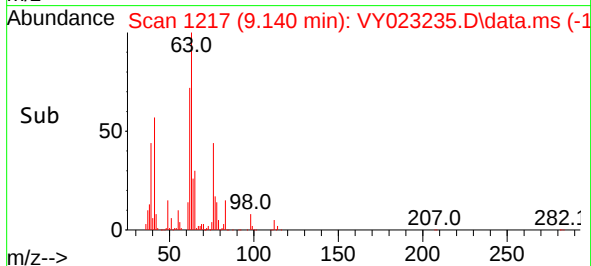
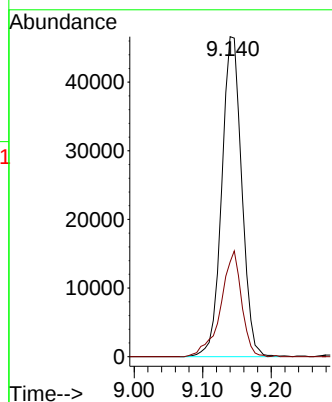
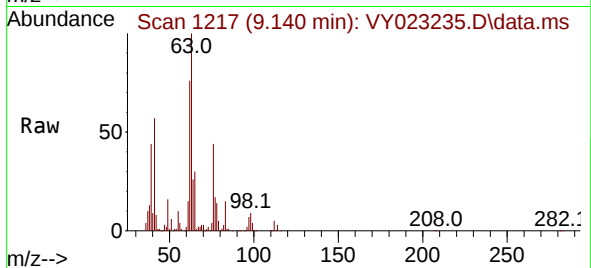
VY0829SBS01

Tgt Ion: 63 Resp: 94105

Ion Ratio Lower Upper

63 100

65 29.6 25.3 37.9



#46

Dibromomethane

Concen: 22.086 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

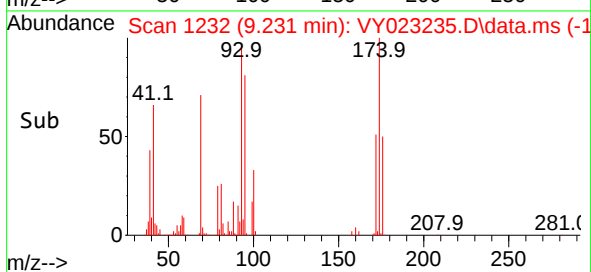
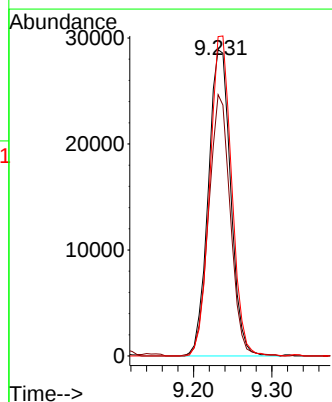
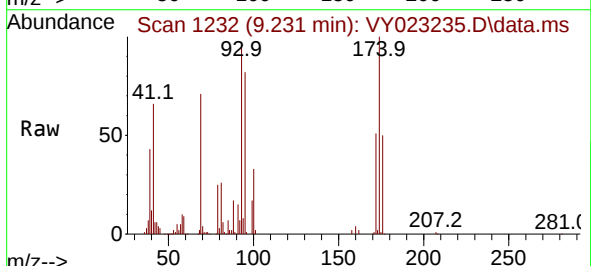
Tgt Ion: 93 Resp: 57275

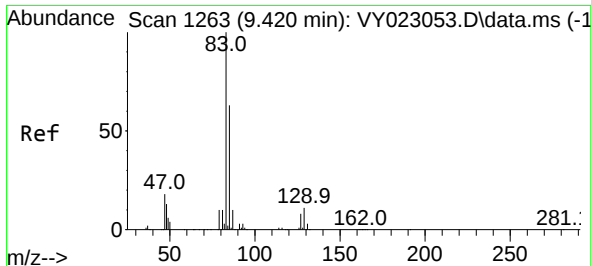
Ion Ratio Lower Upper

93 100

95 82.4 66.5 99.7

174 102.0 81.8 122.8

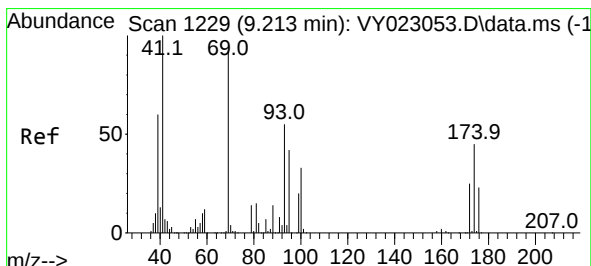
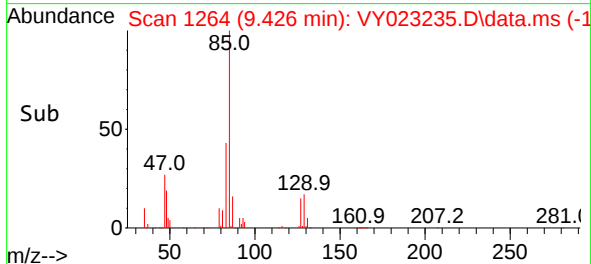
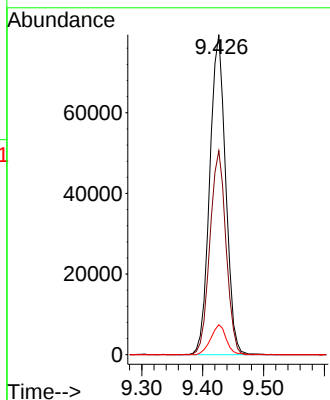
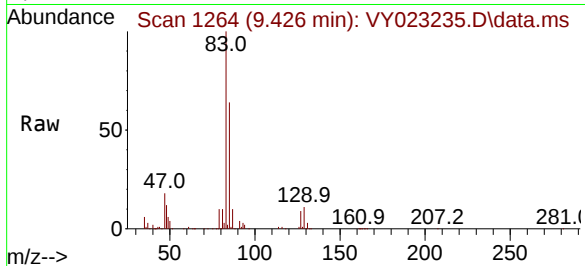




#47
Bromodichloromethane
Concen: 21.608 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

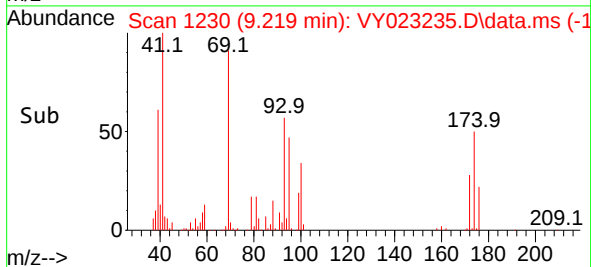
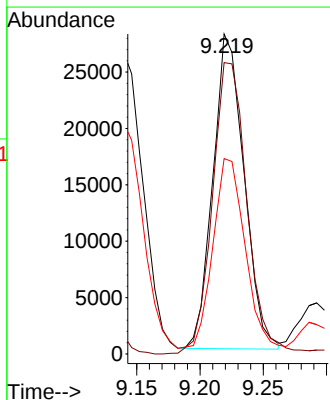
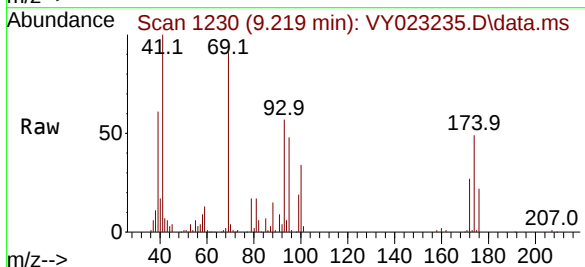
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

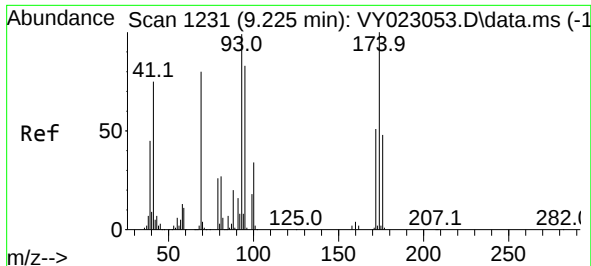
Tgt Ion: 83 Resp: 144187
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 18.455 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 41 Resp: 47770
Ion Ratio Lower Upper
41 100
69 102.5 73.2 109.8
39 62.3 47.0 70.4

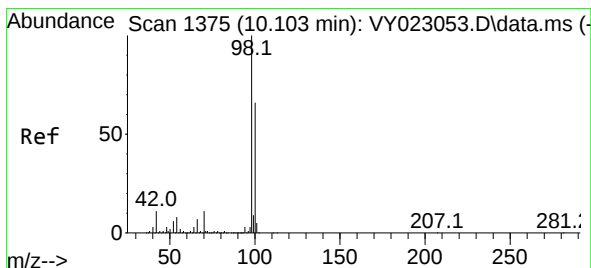
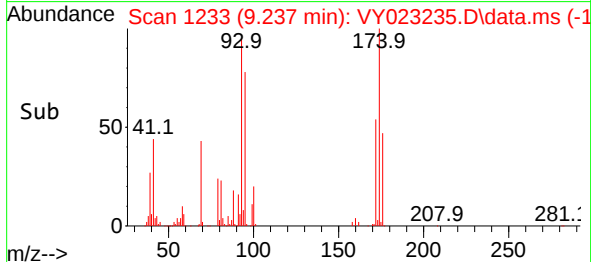
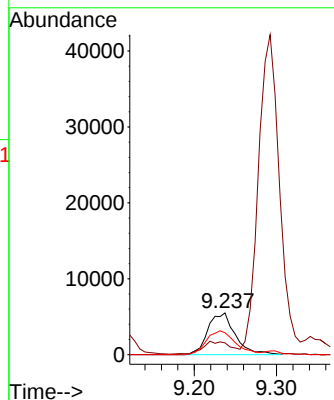
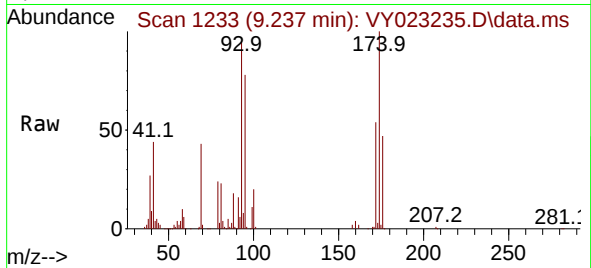




#49
 1,4-Dioxane
 Concen: 418.087 ug/l
 RT: 9.237 min Scan# 1233
 Delta R.T. 0.012 min
 Lab File: VY023235.D
 Acq: 29 Aug 2025 10:05

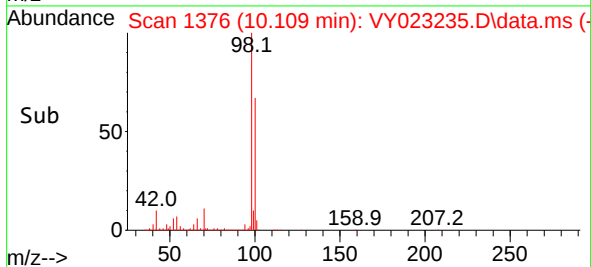
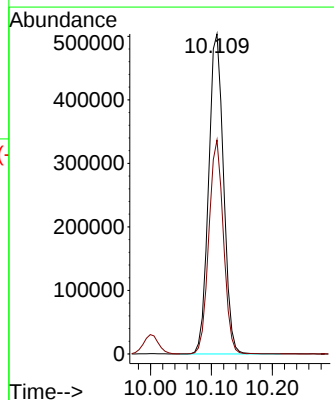
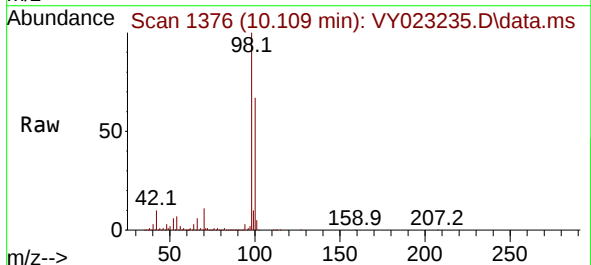
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBS01

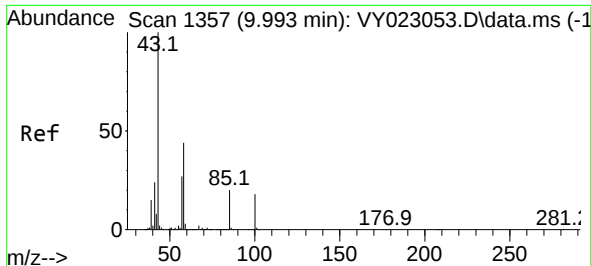
Tgt Ion: 88 Resp: 12713
 Ion Ratio Lower Upper
 88 100
 43 31.1 24.3 36.5
 58 60.6 55.4 83.0



#50
 Toluene-d8
 Concen: 51.118 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.006 min
 Lab File: VY023235.D
 Acq: 29 Aug 2025 10:05

Tgt Ion: 98 Resp: 856104
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.3 78.5

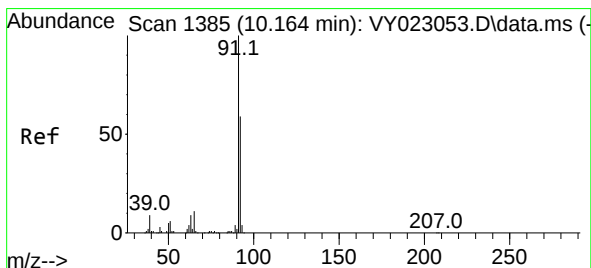
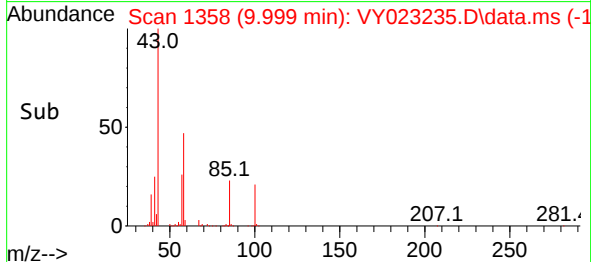
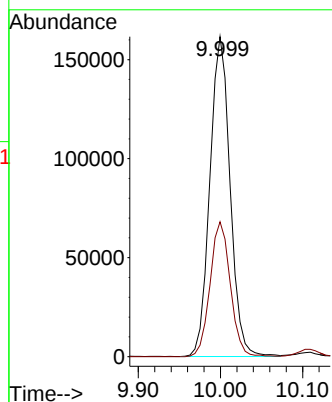
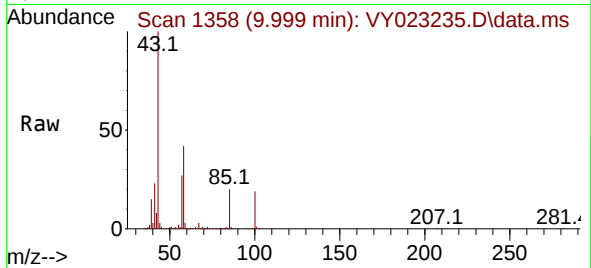




#51
4-Methyl-2-Pentanone
Concen: 98.979 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

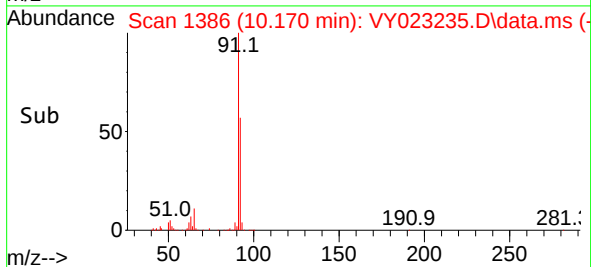
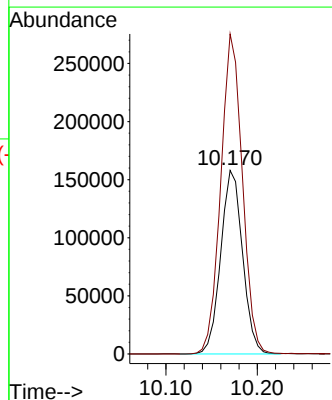
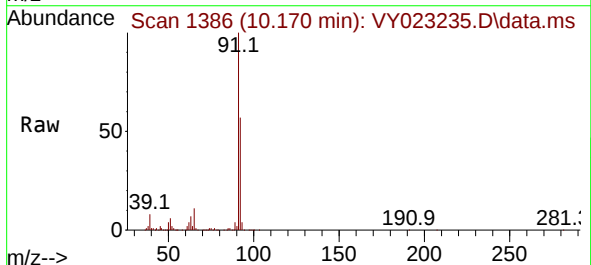
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

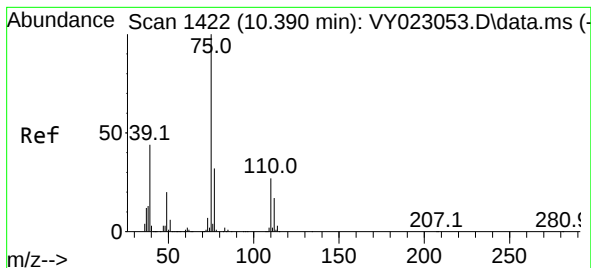
Tgt Ion: 43 Resp: 276180
Ion Ratio Lower Upper
43 100
58 42.2 33.5 50.3



#52
Toluene
Concen: 21.010 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 92 Resp: 262030
Ion Ratio Lower Upper
92 100
91 173.2 136.4 204.6

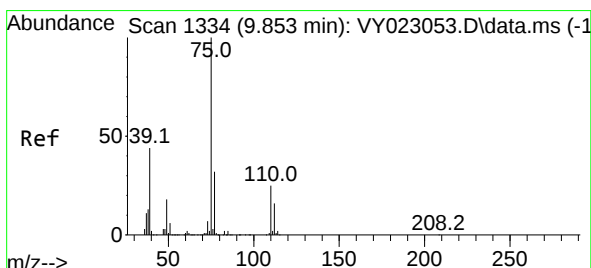
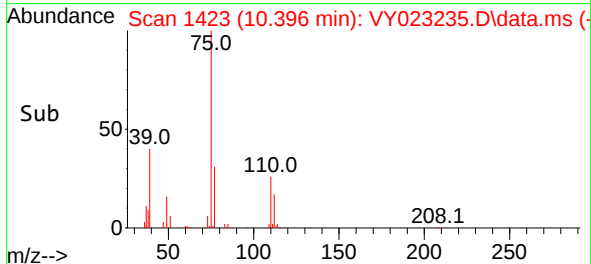
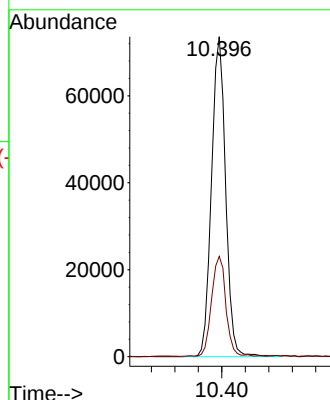
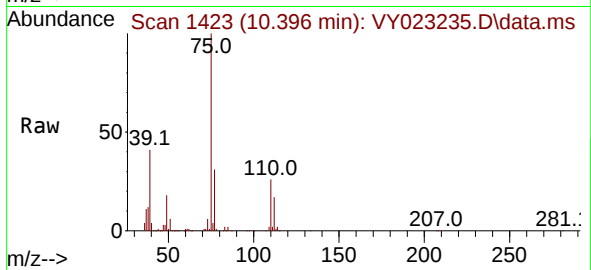




#53
 t-1,3-Dichloropropene
 Concen: 20.291 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023235.D
 Acq: 29 Aug 2025 10:05

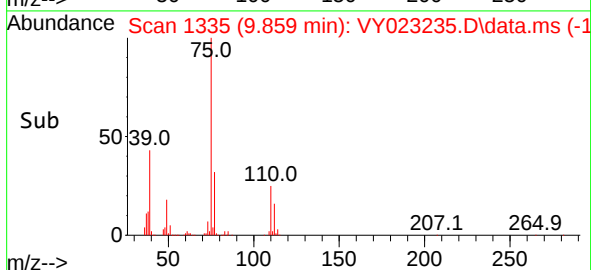
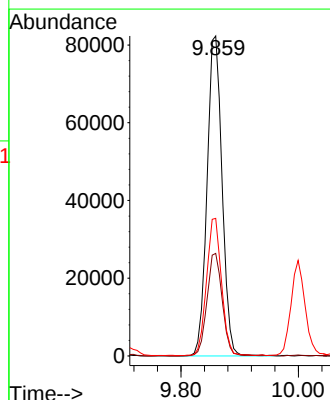
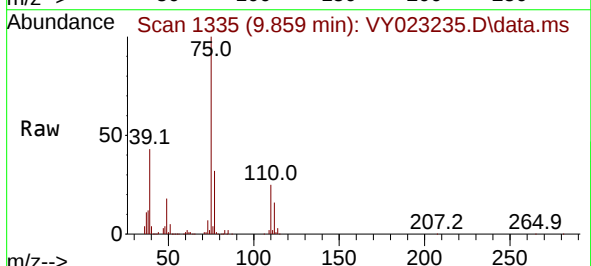
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBS01

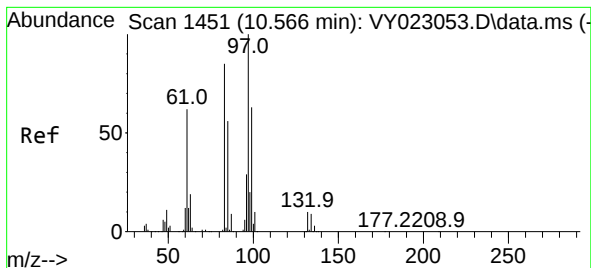
Tgt Ion: 75 Resp: 122613
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.498 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023235.D
 Acq: 29 Aug 2025 10:05

Tgt Ion: 75 Resp: 146468
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 42.9 35.6 53.4

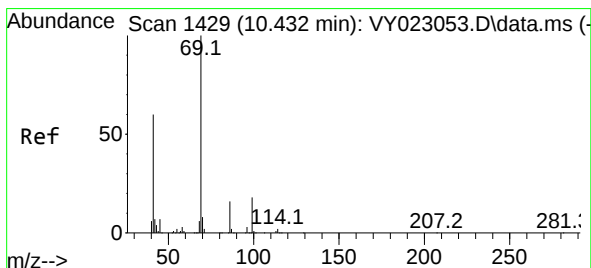
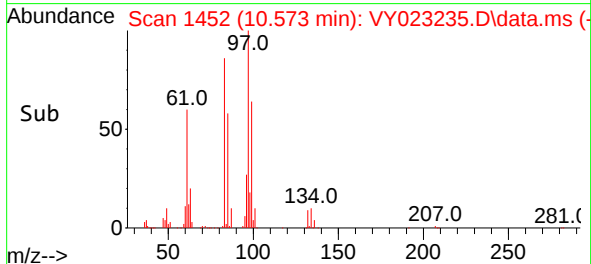
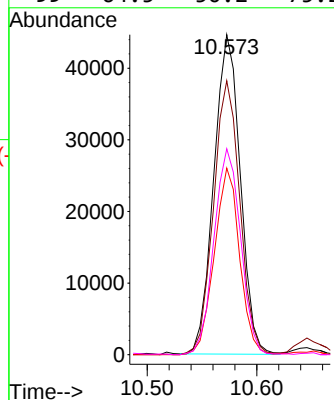
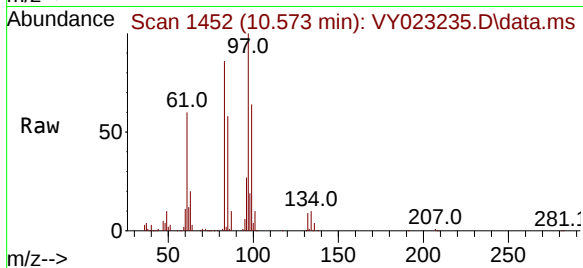




#55
1,1,2-Trichloroethane
Concen: 21.551 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

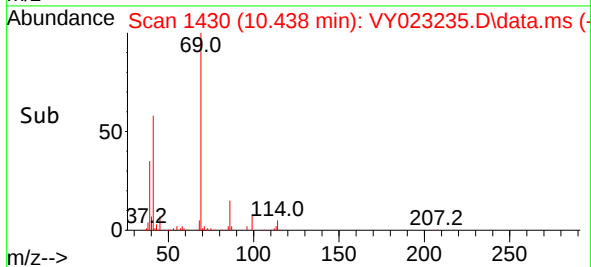
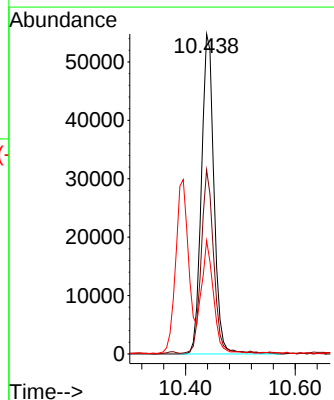
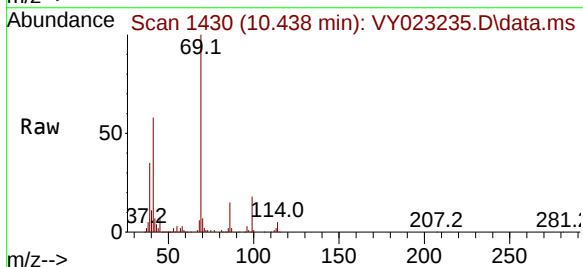
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

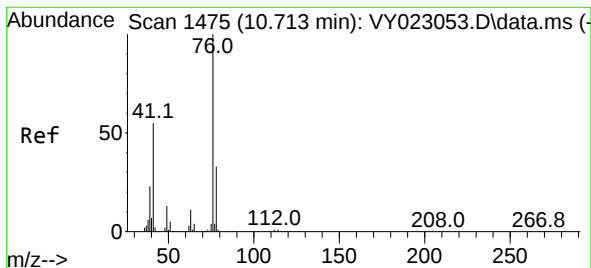
Tgt Ion:	97	Resp:	74784
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.7	101.5
85	58.5	44.5	66.7
99	64.5	50.2	75.2



#56
Ethyl methacrylate
Concen: 19.659 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion:	69	Resp:	87294
Ion	Ratio	Lower	Upper
69	100		
41	56.7	48.6	72.8
39	32.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 21.319 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

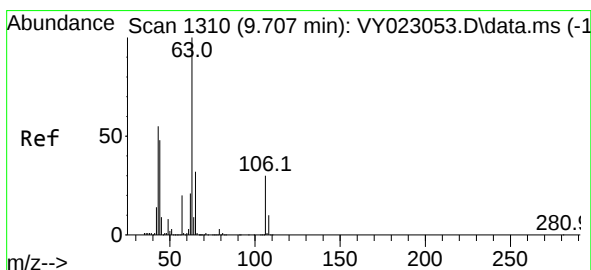
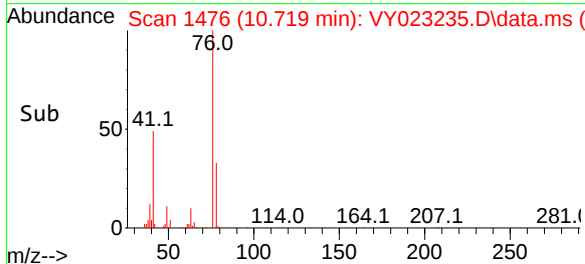
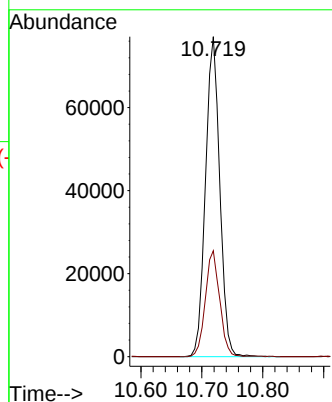
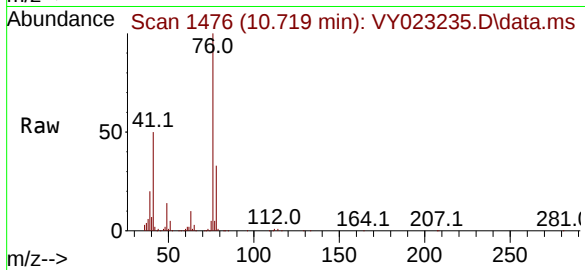
VY0829SBS01

Tgt Ion: 76 Resp: 125467

Ion Ratio Lower Upper

76 100

78 33.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 95.866 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023235.D

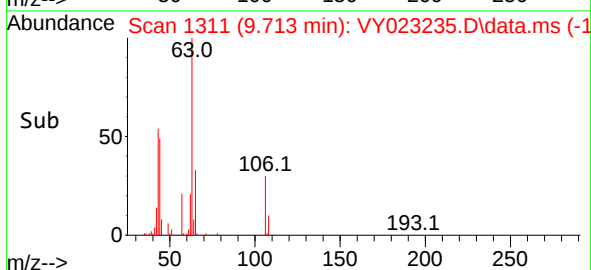
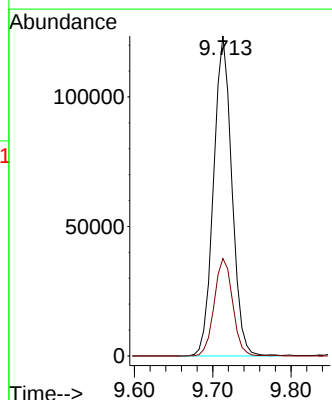
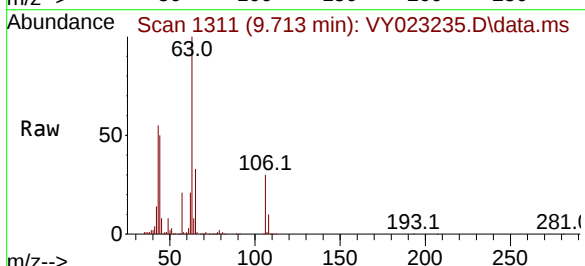
Acq: 29 Aug 2025 10:05

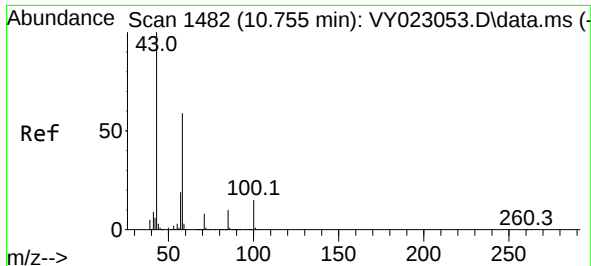
Tgt Ion: 63 Resp: 200795

Ion Ratio Lower Upper

63 100

106 30.6 23.2 34.8

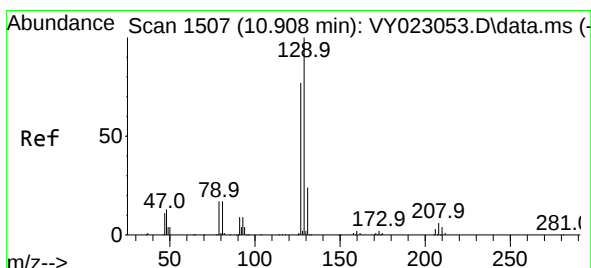
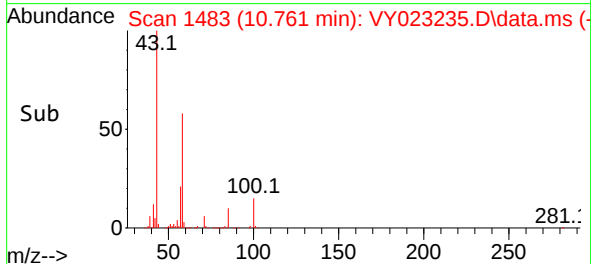
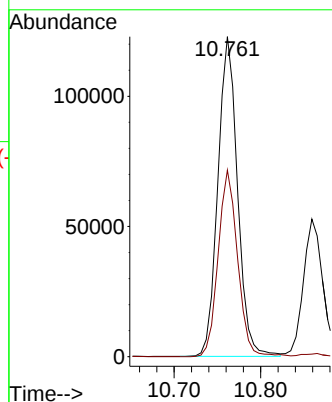
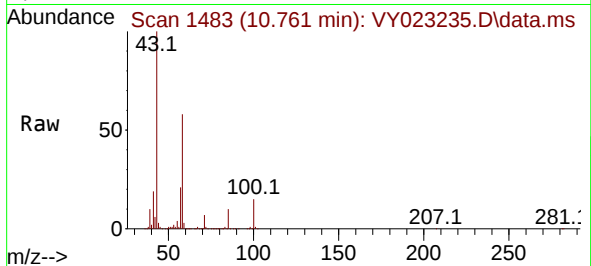




#59
2-Hexanone
Concen: 101.869 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

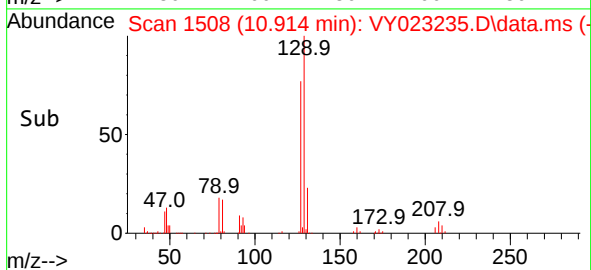
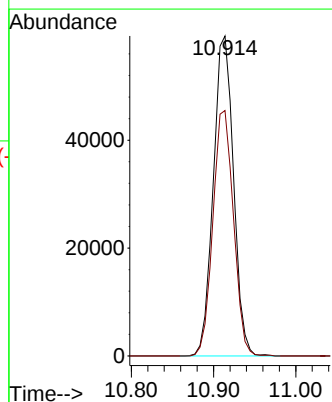
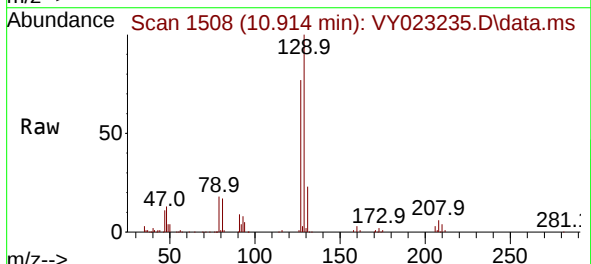
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

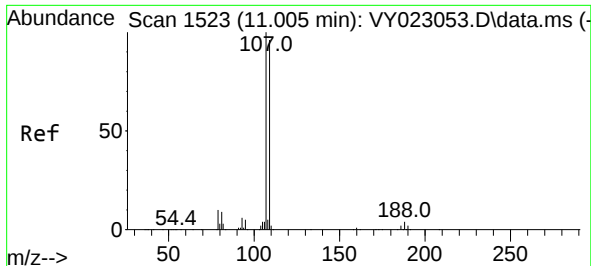
Tgt Ion: 43 Resp: 193551
Ion Ratio Lower Upper
43 100
58 57.9 29.5 88.5



#60
Dibromochloromethane
Concen: 22.120 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 129 Resp: 101286
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

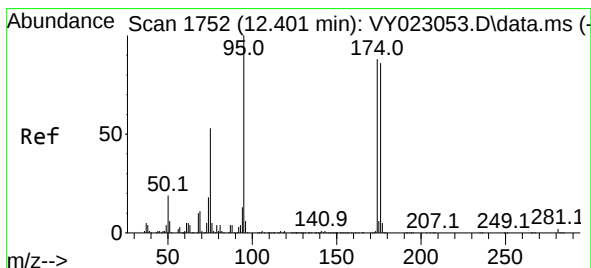
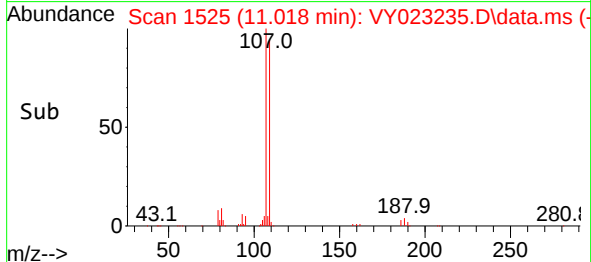
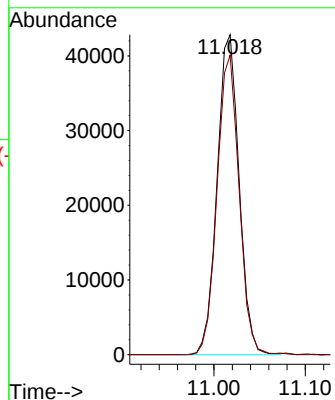
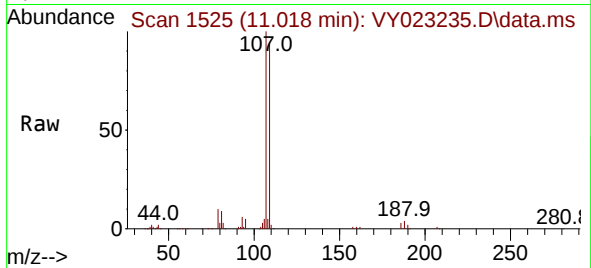




#61
1,2-Dibromoethane
Concen: 21.952 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

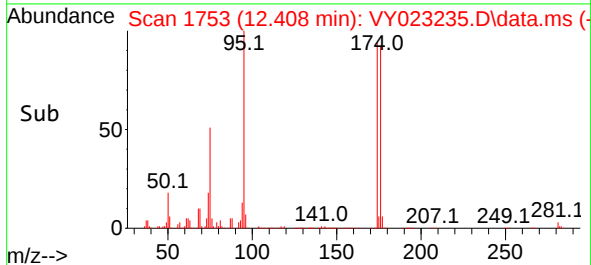
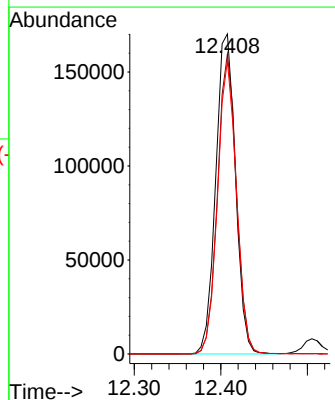
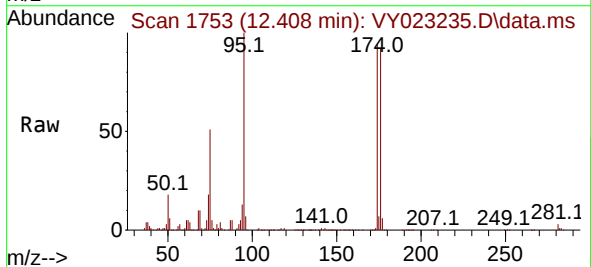
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

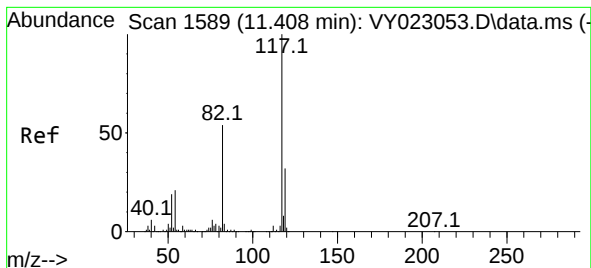
Tgt Ion:107 Resp: 71596
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.012 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 95 Resp: 269369
Ion Ratio Lower Upper
95 100
174 90.0 0.0 171.6
176 87.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

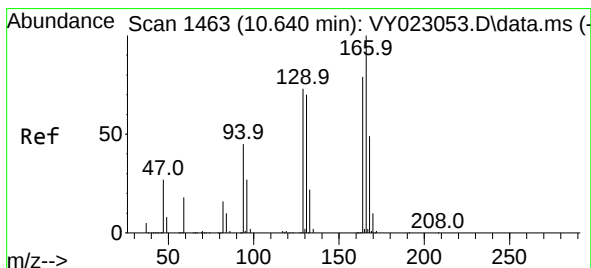
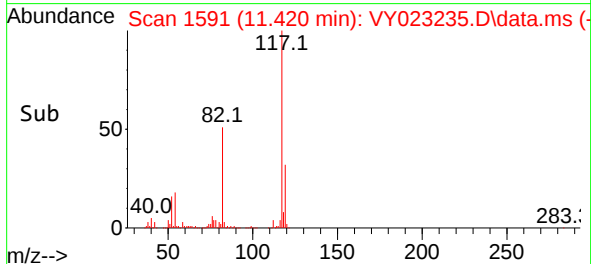
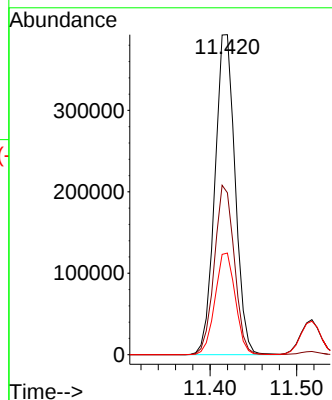
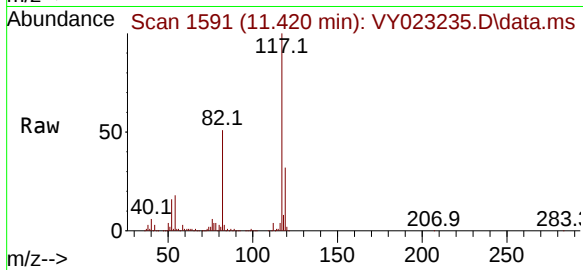
Tgt Ion:117 Resp: 638501

Ion Ratio Lower Upper

117 100

82 50.6 43.4 65.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 25.002 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Tgt Ion:164 Resp: 142549

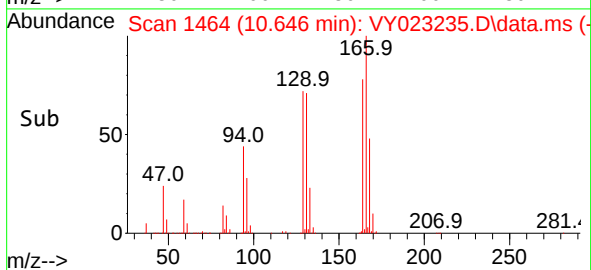
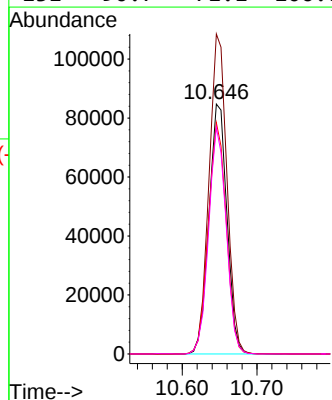
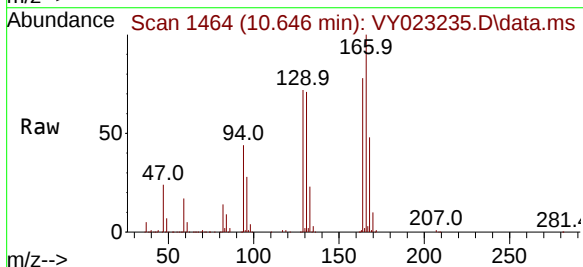
Ion Ratio Lower Upper

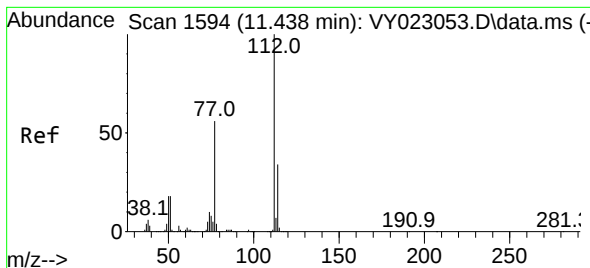
164 100

166 128.1 101.1 151.7

129 92.5 74.0 111.0

131 90.7 71.1 106.7





#65

Chlorobenzene

Concen: 21.036 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

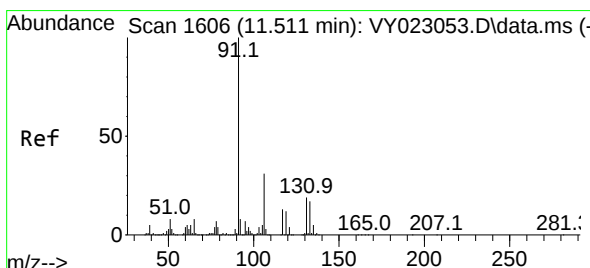
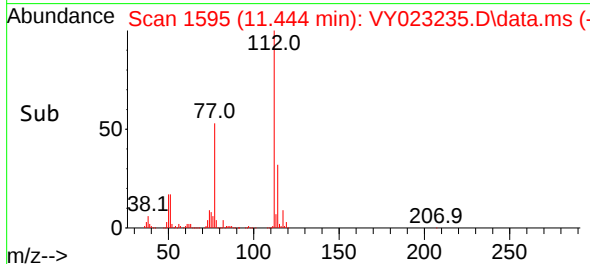
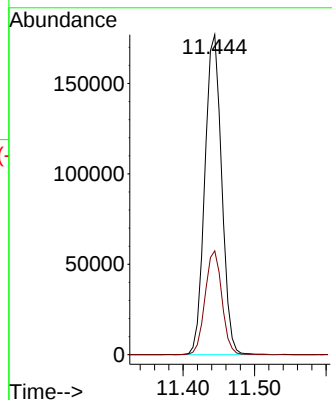
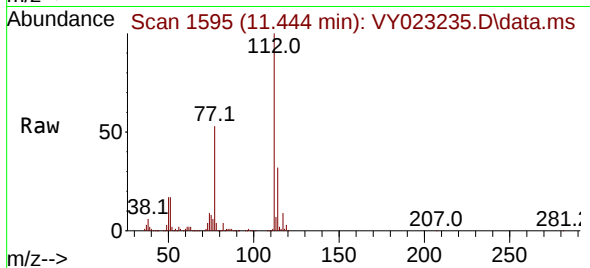
VY0829SBS01

Tgt Ion:112 Resp: 289718

Ion Ratio Lower Upper

112 100

114 32.4 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 22.011 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

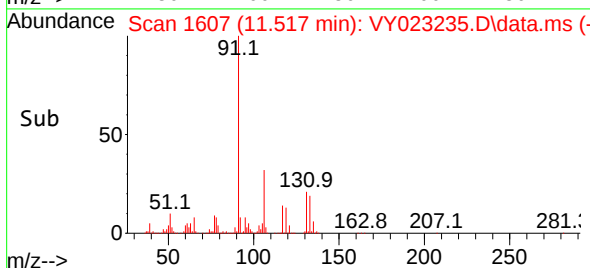
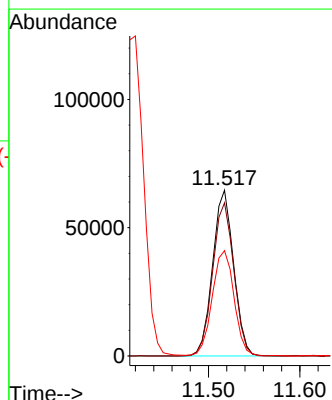
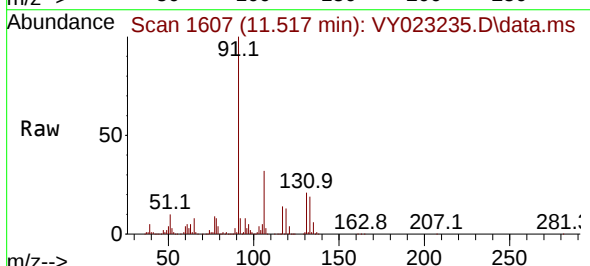
Tgt Ion:131 Resp: 102887

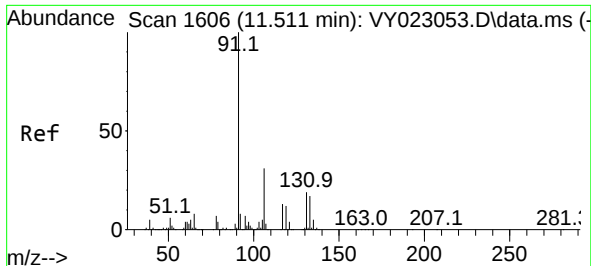
Ion Ratio Lower Upper

131 100

133 93.7 46.9 140.6

119 66.0 33.2 99.6





#67

Ethyl Benzene

Concen: 20.110 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

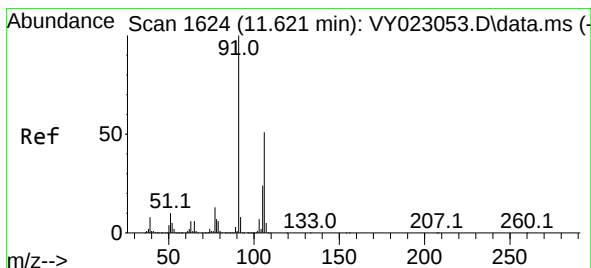
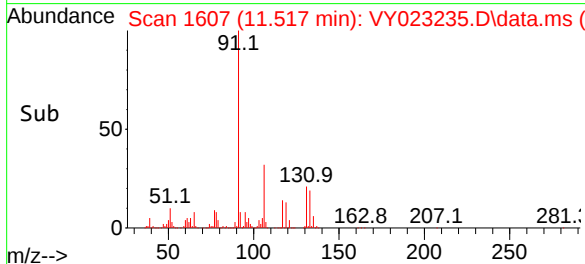
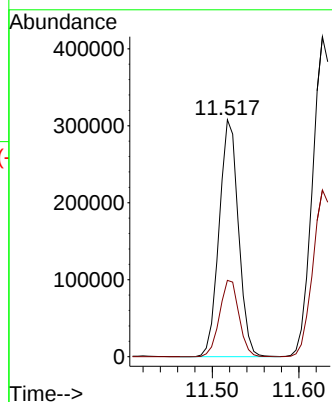
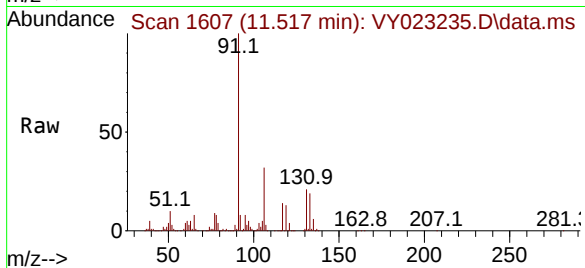
VY0829SBS01

Tgt Ion: 91 Resp: 476634

Ion Ratio Lower Upper

91 100

106 32.2 25.0 37.4



#68

m/p-Xylenes

Concen: 41.272 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023235.D

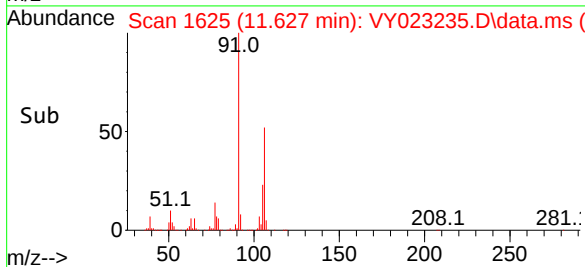
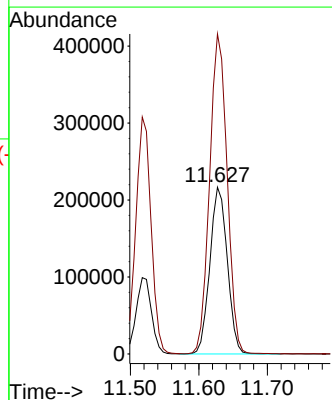
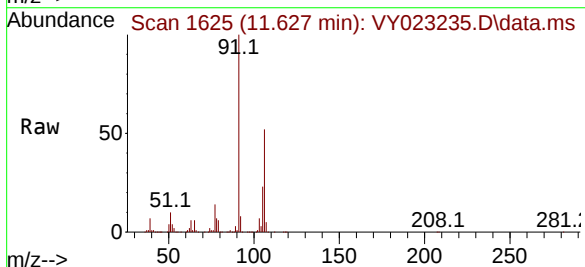
Acq: 29 Aug 2025 10:05

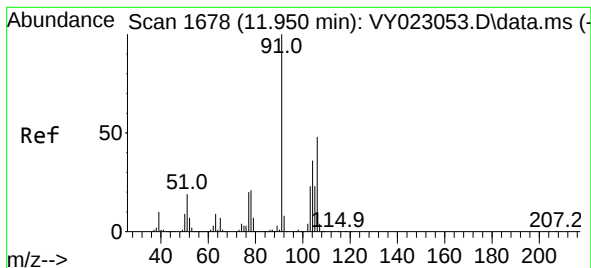
Tgt Ion: 106 Resp: 382048

Ion Ratio Lower Upper

106 100

91 193.3 158.6 238.0





#69

o-Xylene

Concen: 20.234 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

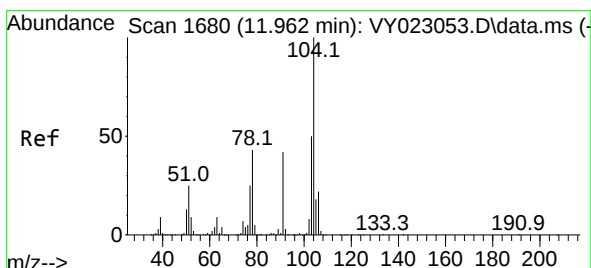
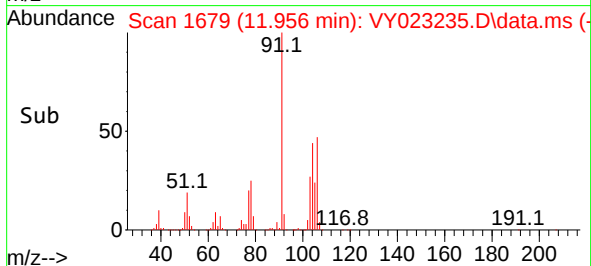
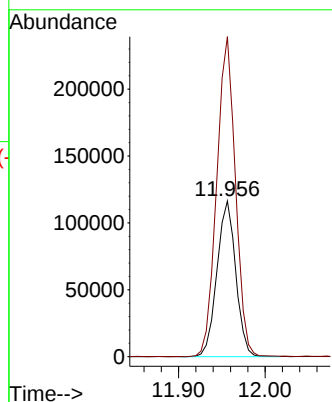
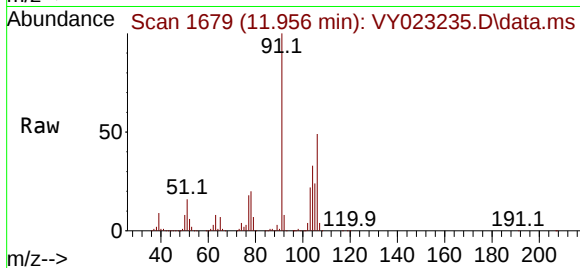
VY0829SBS01

Tgt Ion:106 Resp: 175423

Ion Ratio Lower Upper

106 100

91 205.5 103.2 309.4



#70

Styrene

Concen: 20.601 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

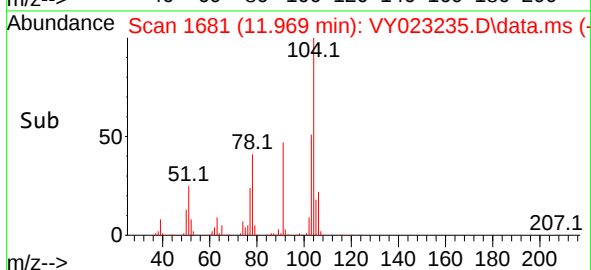
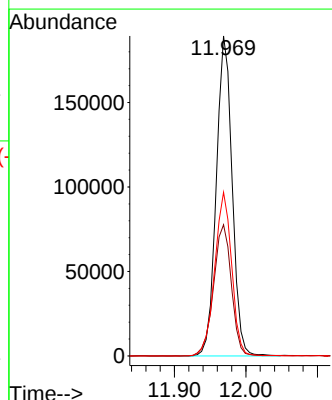
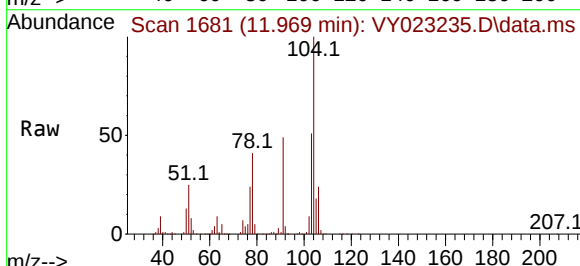
Tgt Ion:104 Resp: 292084

Ion Ratio Lower Upper

104 100

78 46.0 38.5 57.7

103 54.6 43.7 65.5





#71

Bromoform

Concen: 22.258 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

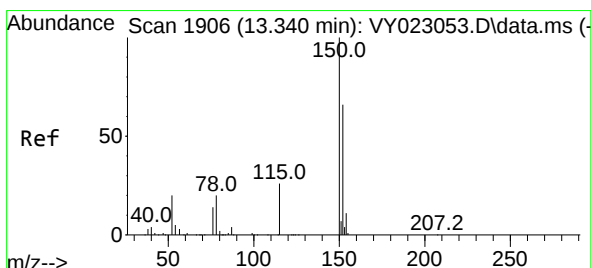
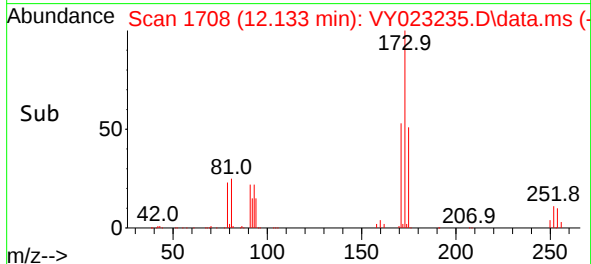
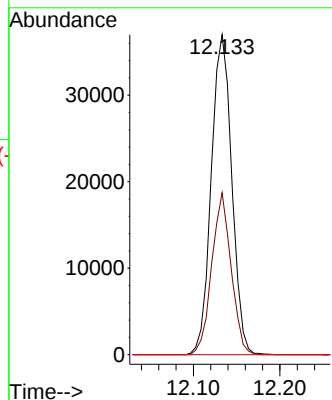
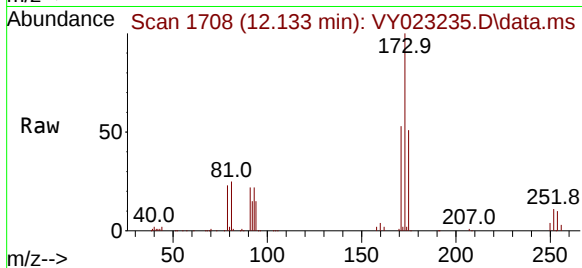
Tgt Ion:173 Resp: 60805

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

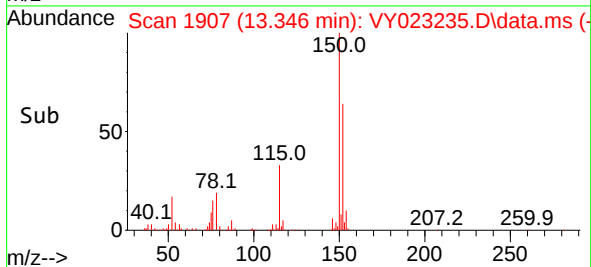
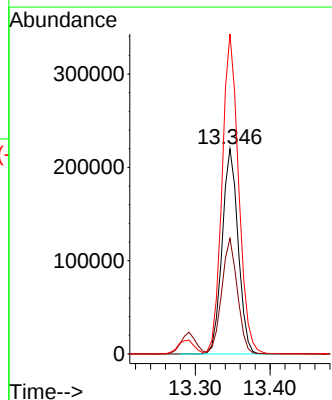
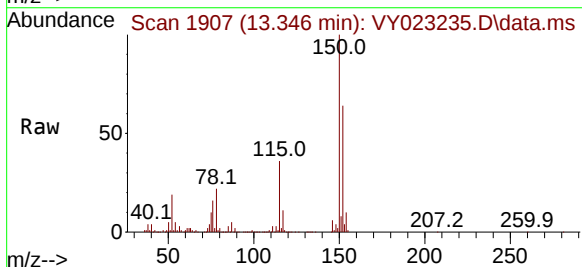
Tgt Ion:152 Resp: 326656

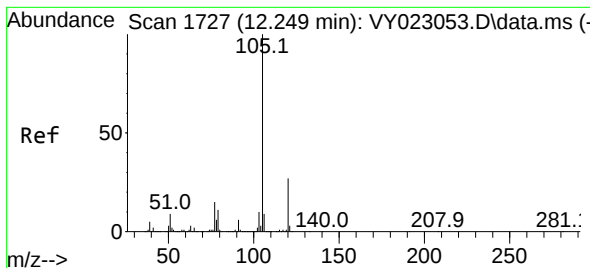
Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.6

150 161.9 0.0 348.0





#73

Isopropylbenzene

Concen: 19.699 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

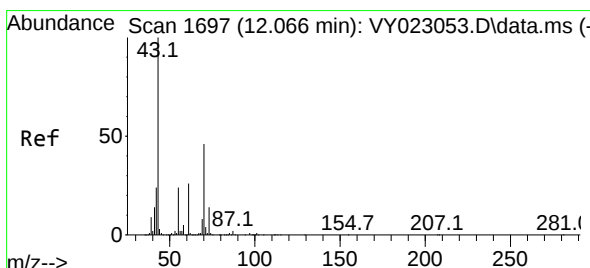
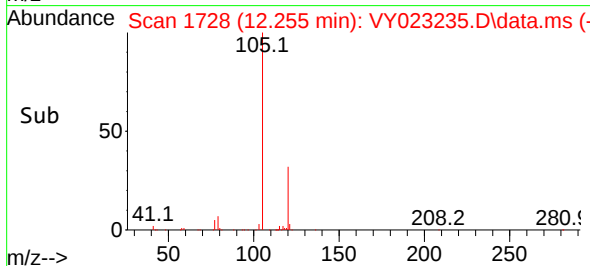
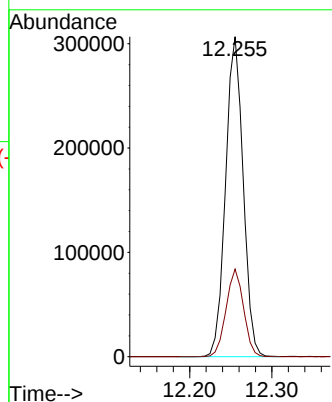
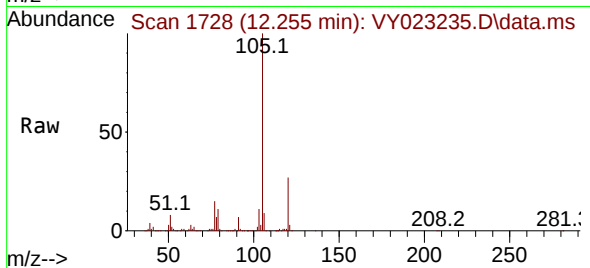
VY0829SBS01

Tgt Ion:105 Resp: 454152

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-amy1 acetate

Concen: 17.267 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Tgt Ion: 43 Resp: 84423

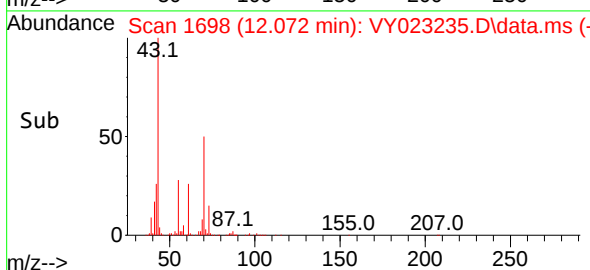
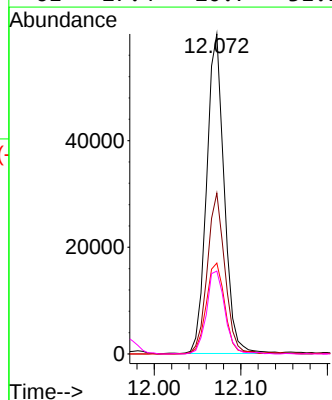
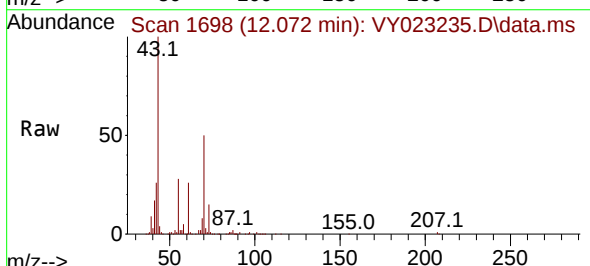
Ion Ratio Lower Upper

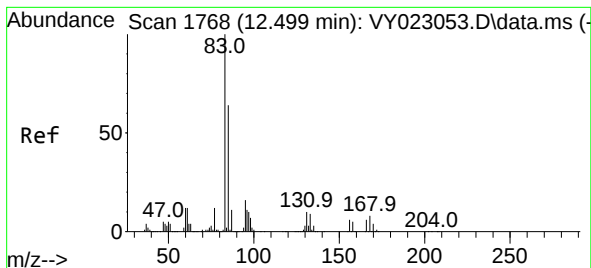
43 100

70 50.6 37.5 56.3

55 30.6 20.7 31.1

61 27.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.104 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

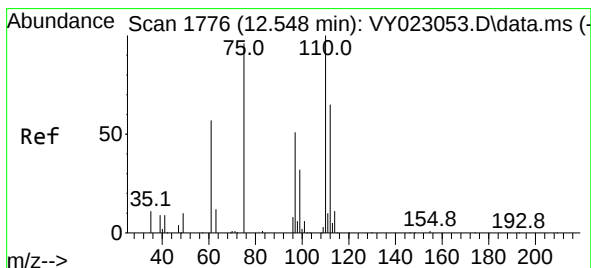
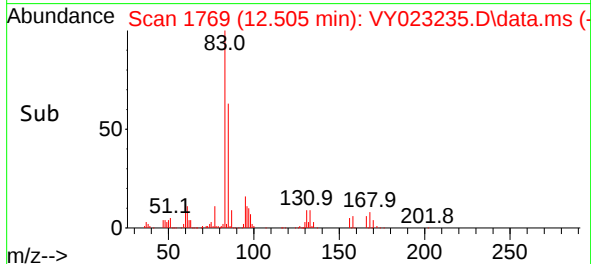
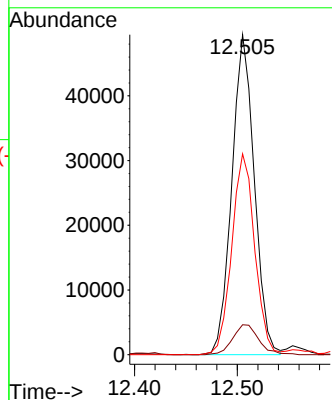
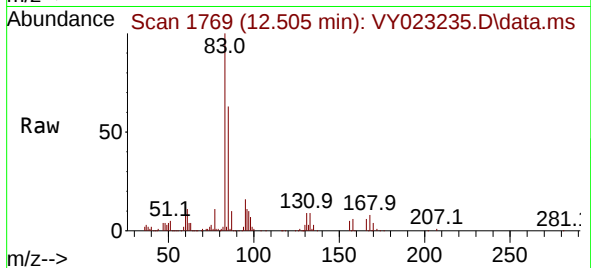
Tgt Ion: 83 Resp: 75203

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 64.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 33.388 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023235.D

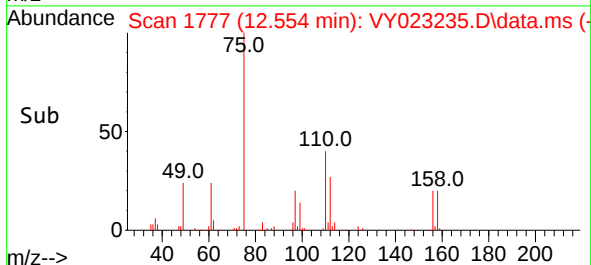
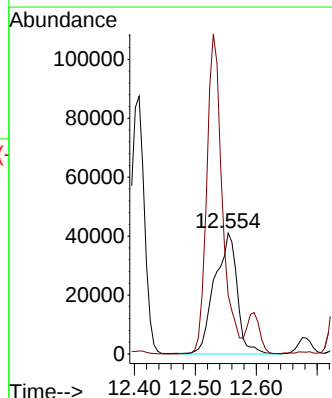
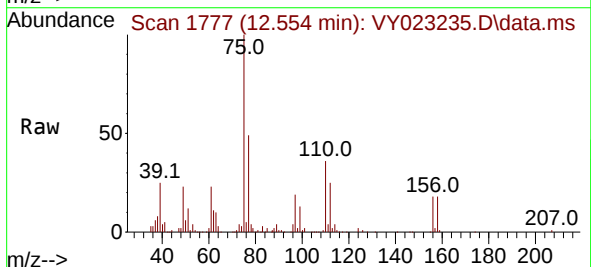
Acq: 29 Aug 2025 10:05

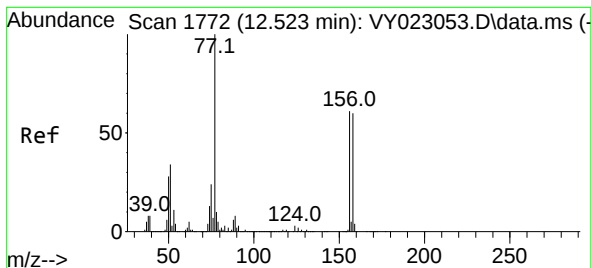
Tgt Ion: 75 Resp: 105257

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.908 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

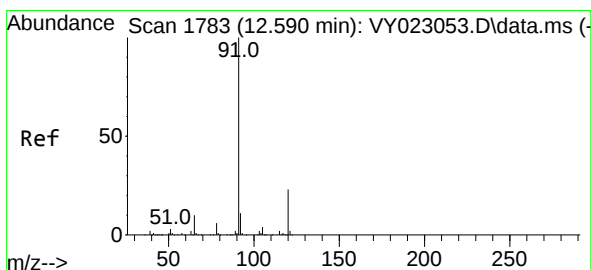
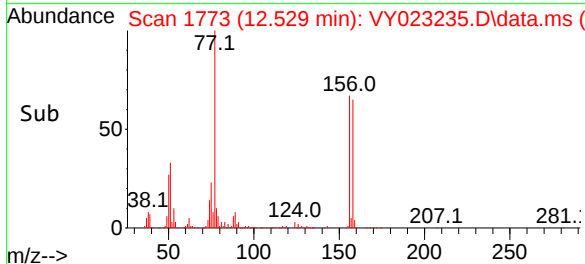
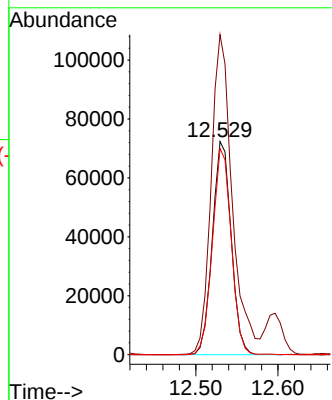
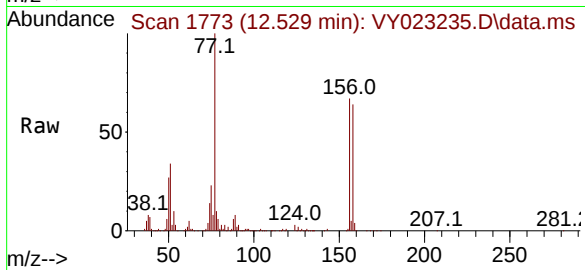
Tgt Ion:156 Resp: 114997

Ion Ratio Lower Upper

156 100

77 168.6 88.1 264.4

158 96.3 48.0 144.0



#78

n-propylbenzene

Concen: 20.339 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023235.D

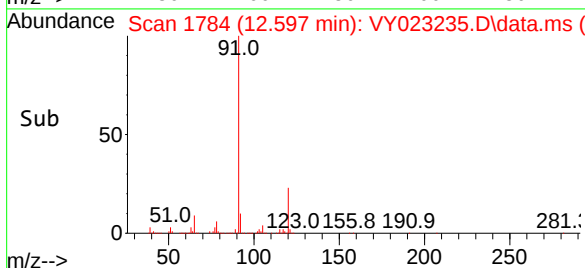
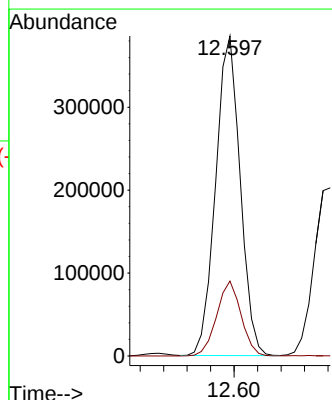
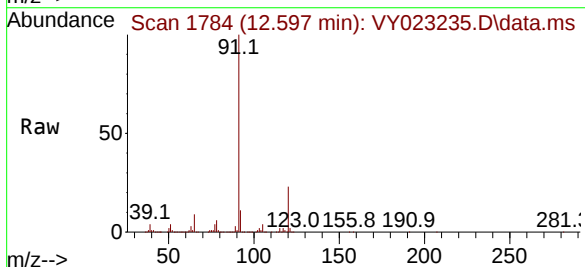
Acq: 29 Aug 2025 10:05

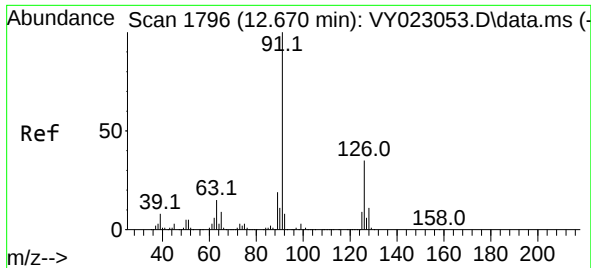
Tgt Ion: 91 Resp: 558286

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5

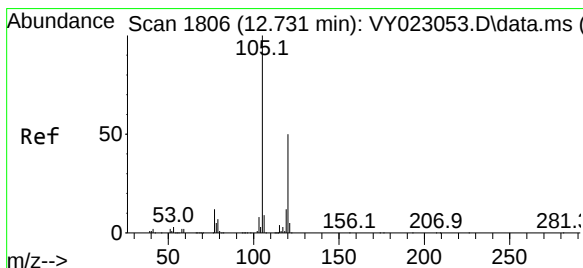
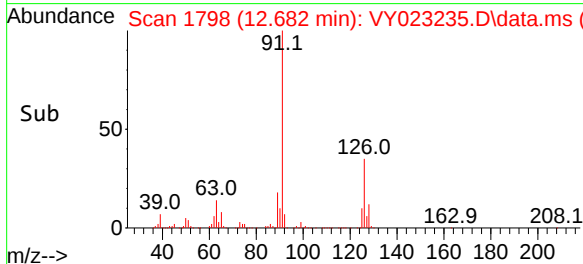
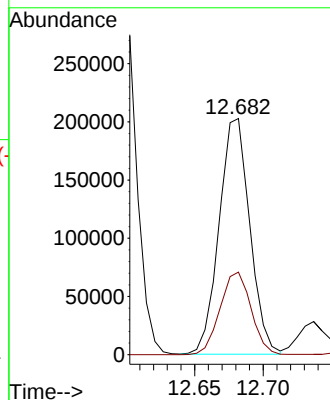
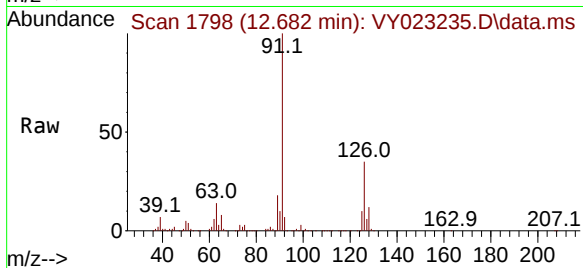




#79
2-Chlorotoluene
Concen: 20.087 ug/l
RT: 12.682 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

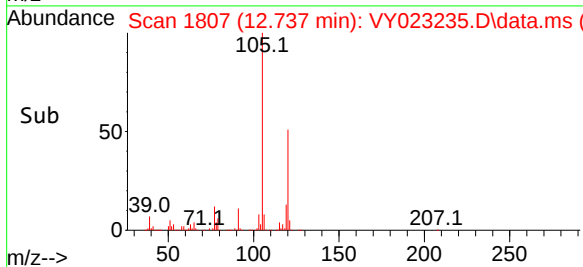
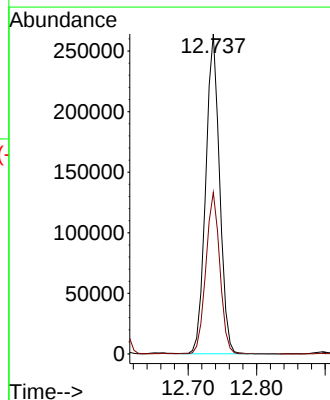
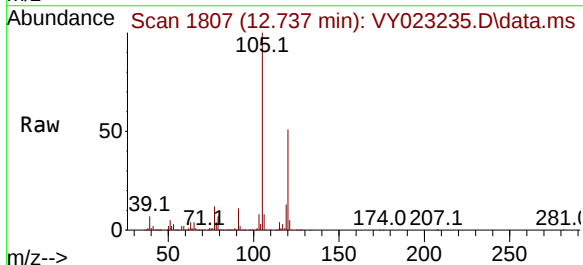
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

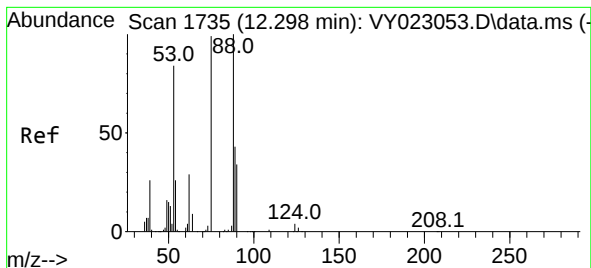
Tgt Ion: 91 Resp: 315901
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.965 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 105 Resp: 372007
Ion Ratio Lower Upper
105 100
120 50.6 24.8 74.4

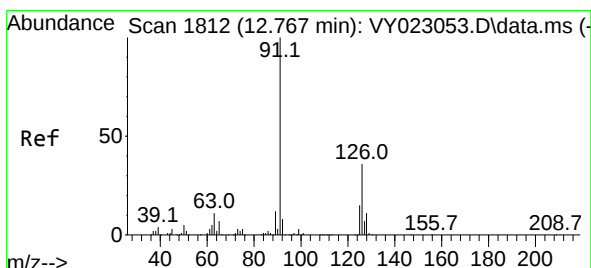
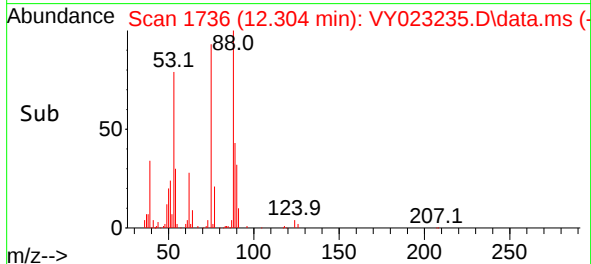
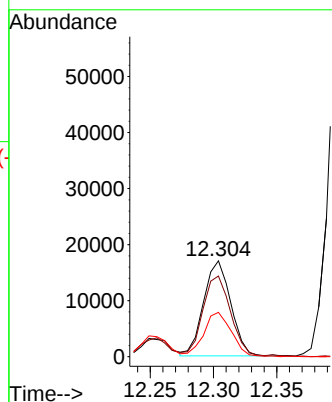
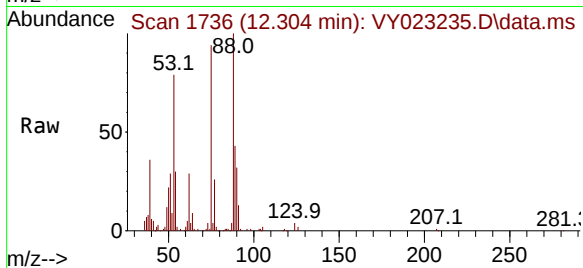




#81
trans-1,4-Dichloro-2-butene
Concen: 19.454 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

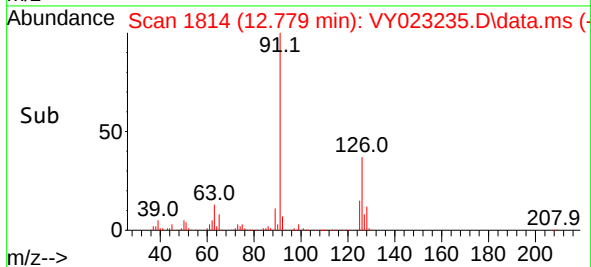
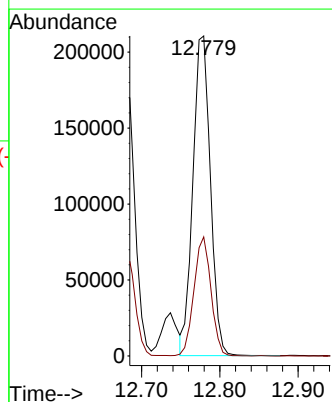
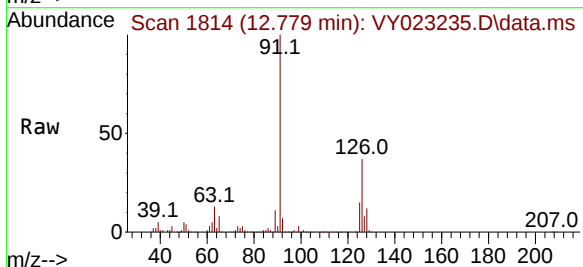
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

Tgt Ion: 75 Resp: 25336
Ion Ratio Lower Upper
75 100
53 88.8 70.8 106.2
89 48.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.031 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 91 Resp: 326796
Ion Ratio Lower Upper
91 100
126 36.3 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.769 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

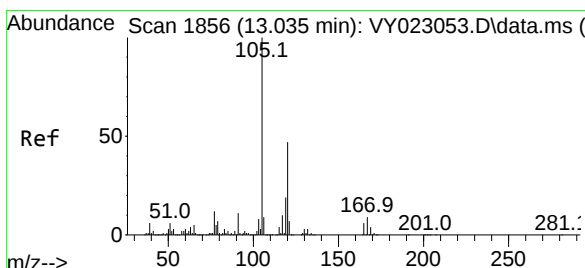
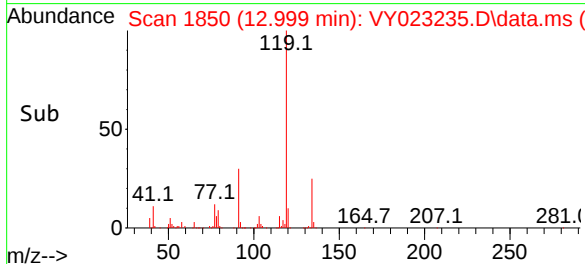
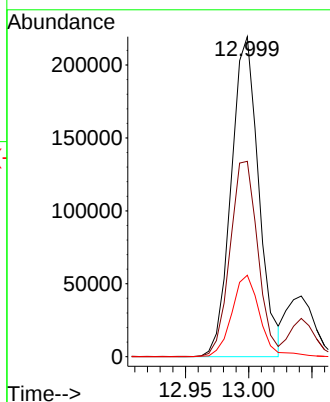
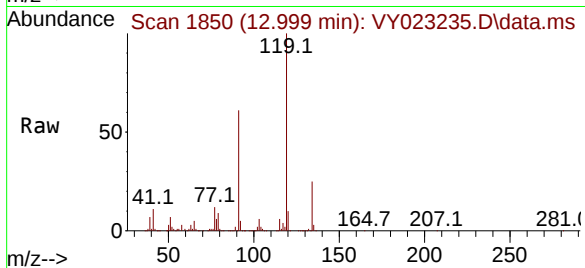
Tgt Ion:119 Resp: 332690

Ion Ratio Lower Upper

119 100

91 61.5 31.6 94.8

134 26.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.367 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023235.D

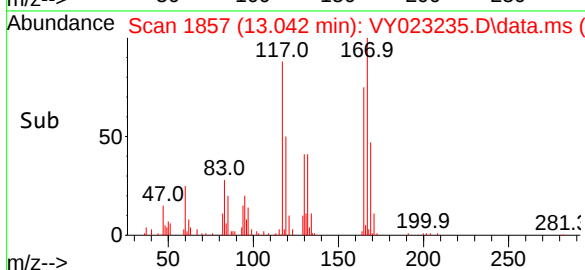
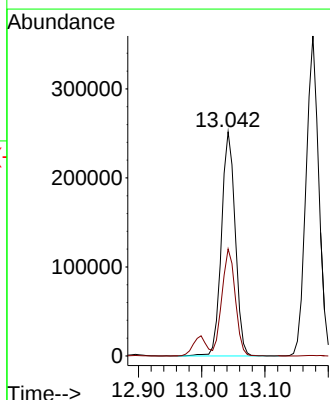
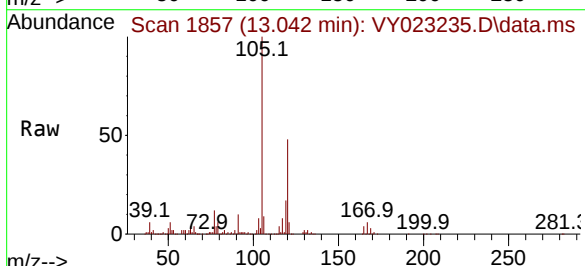
Acq: 29 Aug 2025 10:05

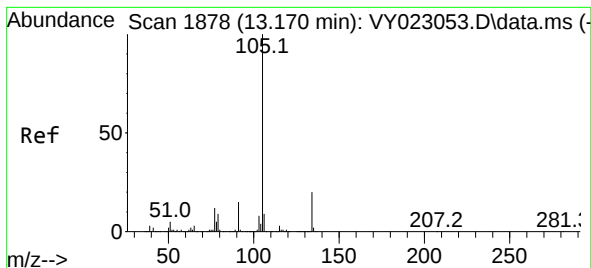
Tgt Ion:105 Resp: 377773

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.377 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

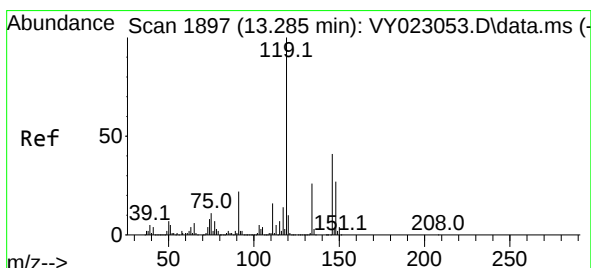
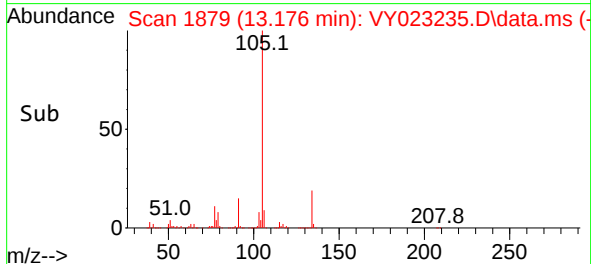
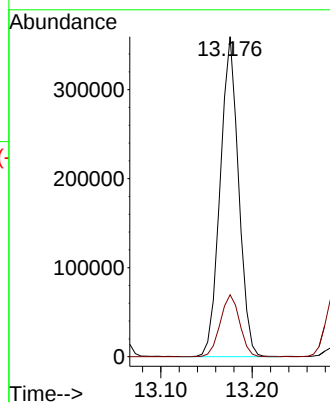
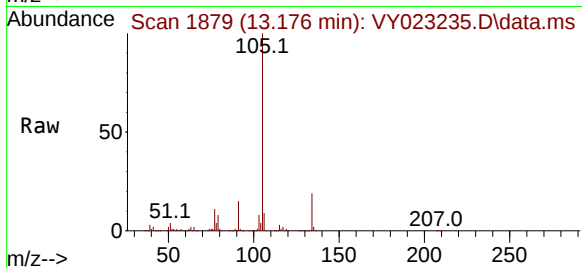
VY0829SBS01

Tgt Ion:105 Resp: 503734

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.112 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

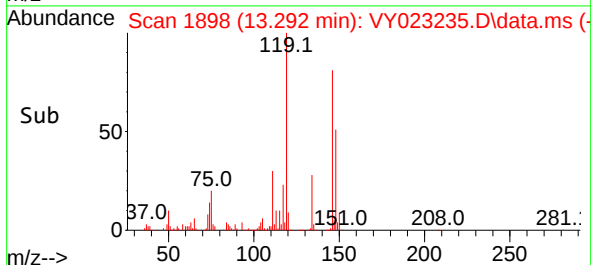
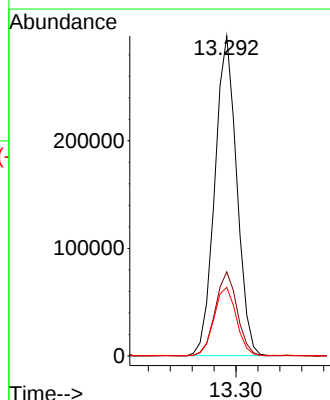
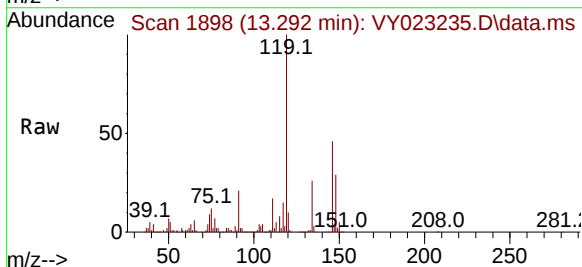
Tgt Ion:119 Resp: 412686

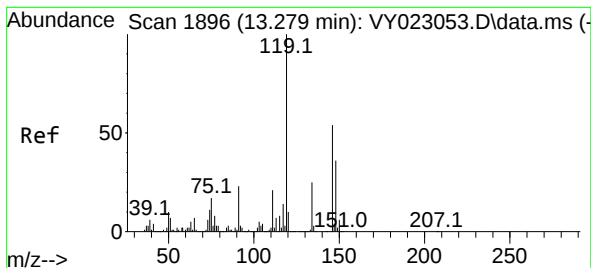
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.6

91 21.8 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.770 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

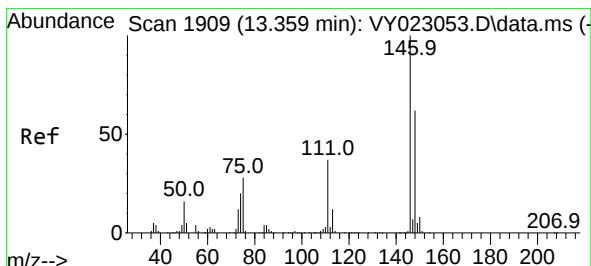
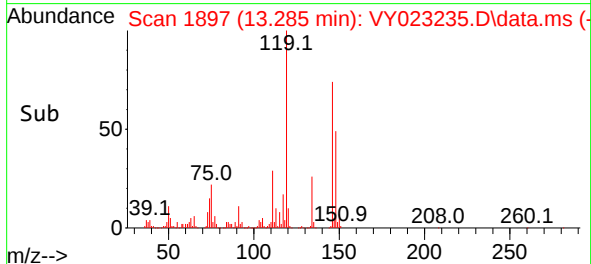
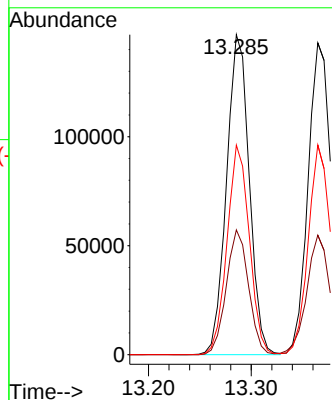
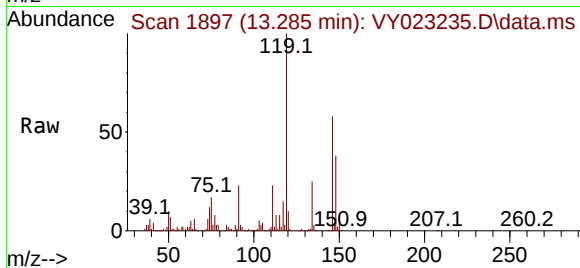
Tgt Ion:146 Resp: 225283

Ion Ratio Lower Upper

146 100

111 38.3 19.6 58.7

148 64.3 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 20.682 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

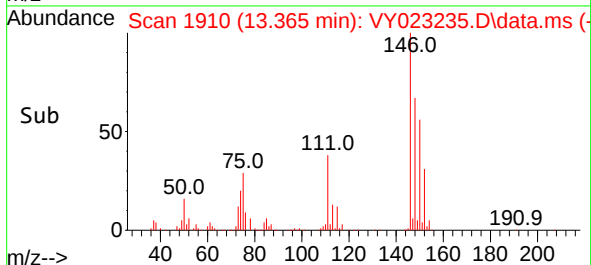
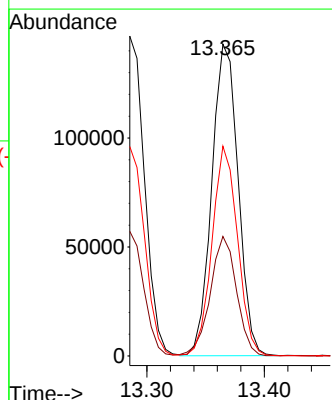
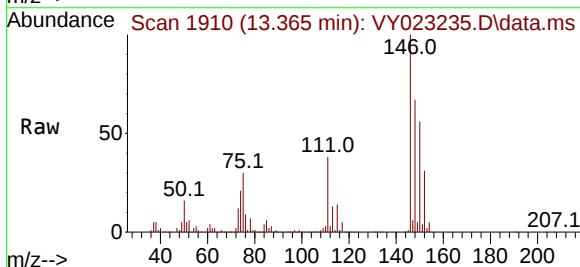
Tgt Ion:146 Resp: 222531

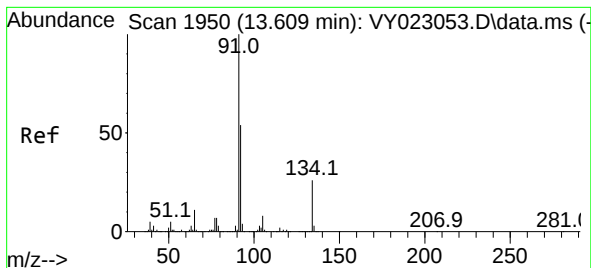
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 65.5 31.6 94.7





#89

n-Butylbenzene

Concen: 19.352 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

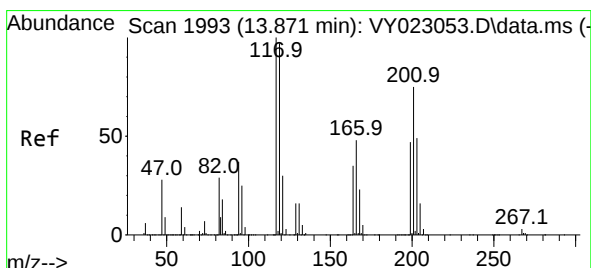
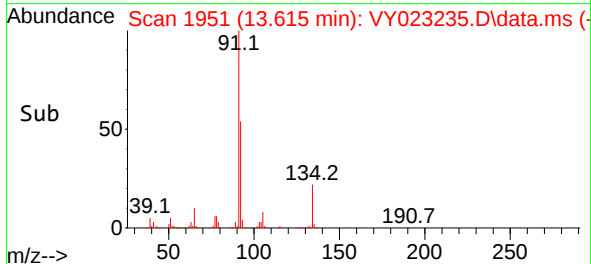
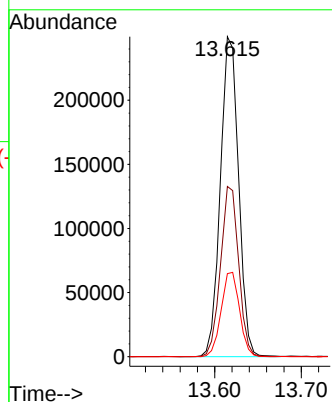
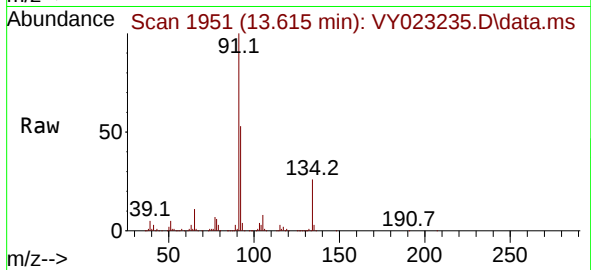
Tgt Ion: 91 Resp: 364710

Ion Ratio Lower Upper

91 100

92 52.9 26.9 80.7

134 26.6 13.2 39.5



#90

Hexachloroethane

Concen: 21.483 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023235.D

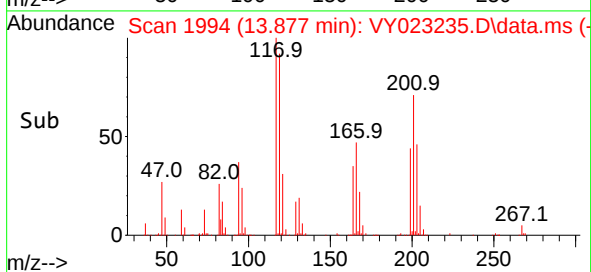
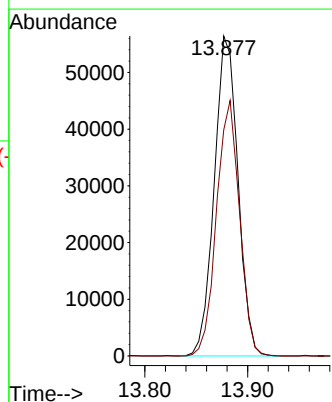
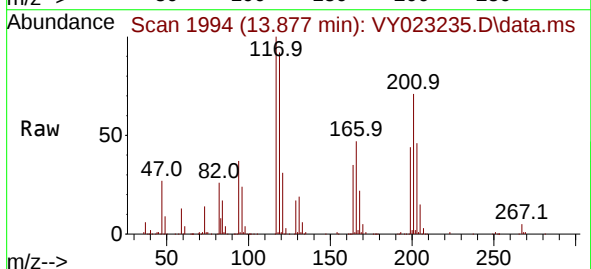
Acq: 29 Aug 2025 10:05

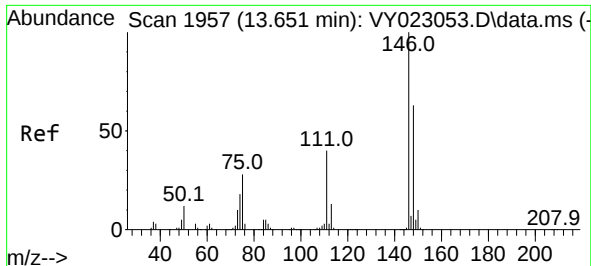
Tgt Ion: 117 Resp: 90243

Ion Ratio Lower Upper

117 100

201 77.7 38.4 115.1

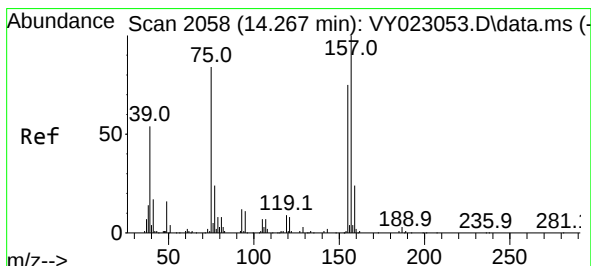
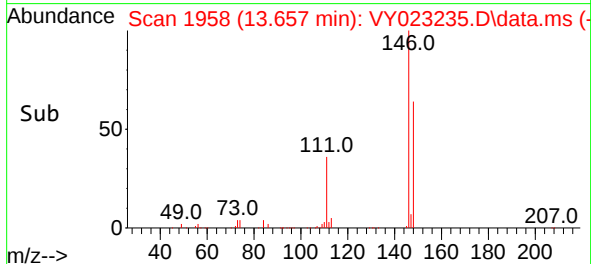
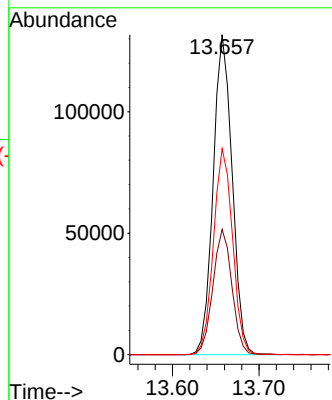
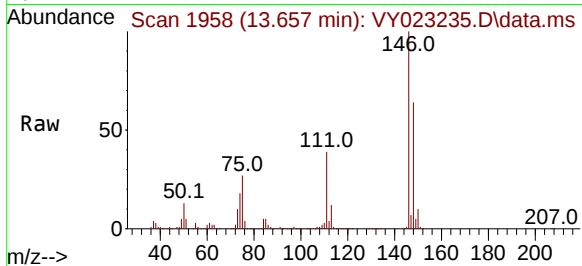




#91
1,2-Dichlorobenzene
Concen: 21.092 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

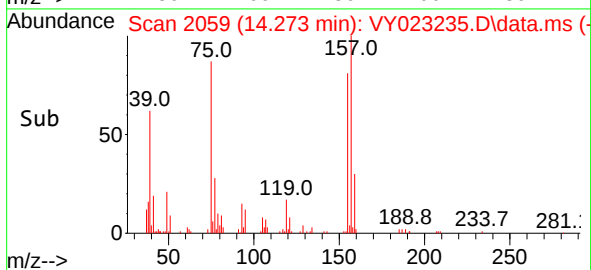
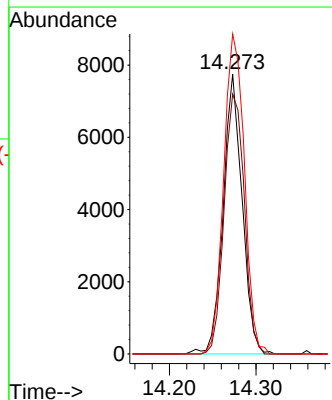
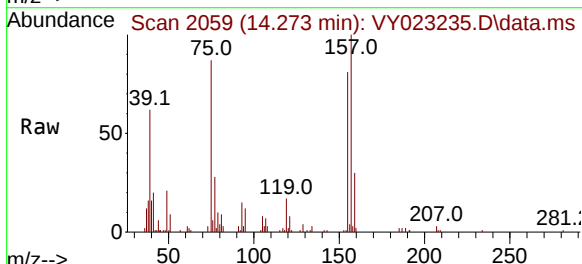
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

Tgt Ion:146 Resp: 200636
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.8
148 65.0 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.252 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023235.D
Acq: 29 Aug 2025 10:05

Tgt Ion: 75 Resp: 11800
Ion Ratio Lower Upper
75 100
155 98.6 43.9 131.6
157 124.2 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.452 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

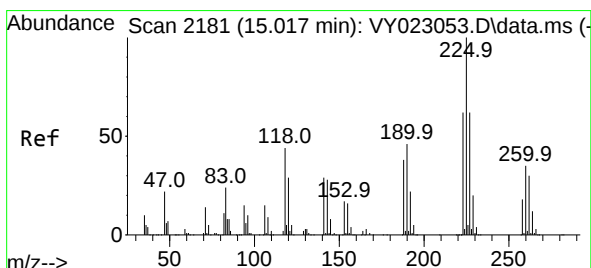
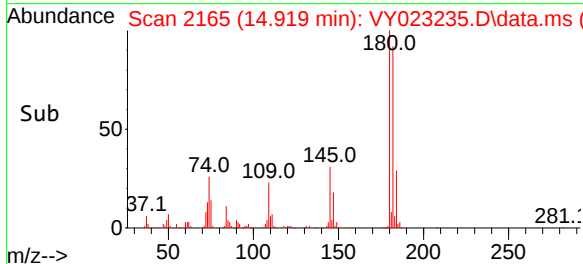
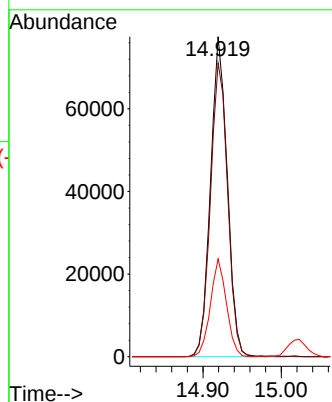
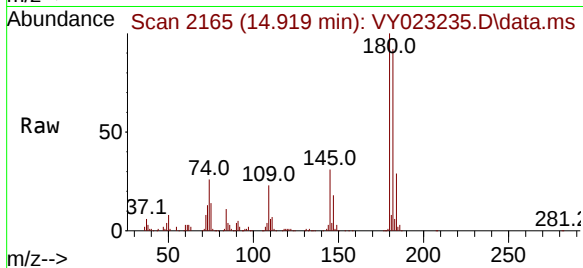
Tgt Ion:180 Resp: 115046

Ion Ratio Lower Upper

180 100

182 93.9 46.8 140.4

145 29.2 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.558 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

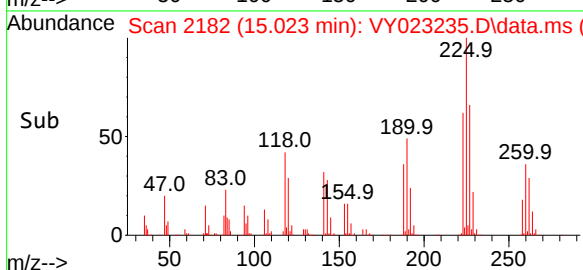
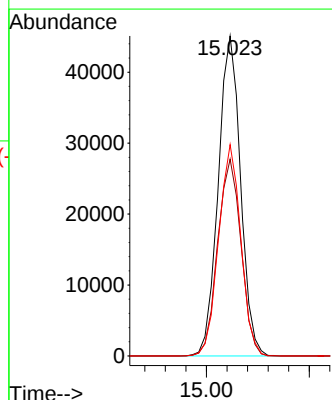
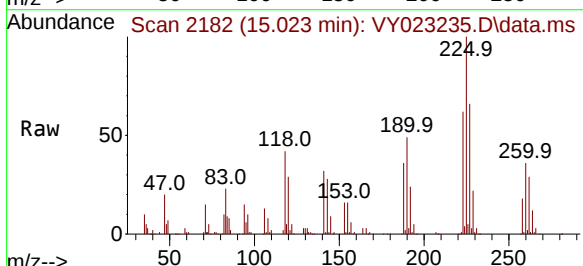
Tgt Ion:225 Resp: 67956

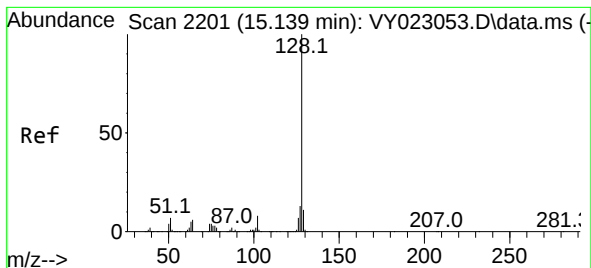
Ion Ratio Lower Upper

225 100

223 64.2 31.3 93.8

227 65.6 31.5 94.5





#95

Naphthalene

Concen: 18.996 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

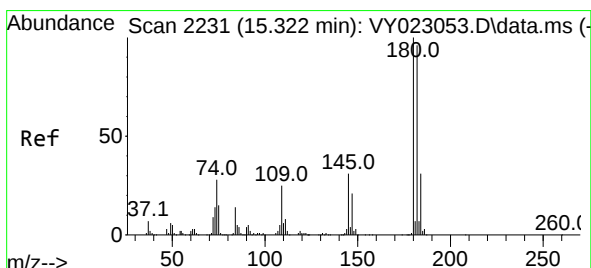
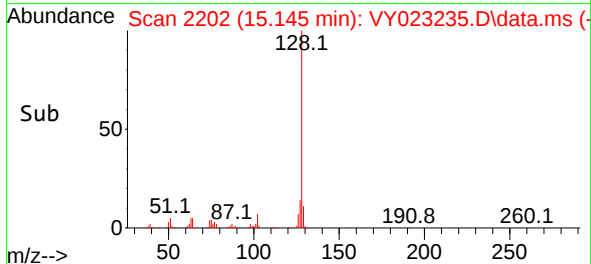
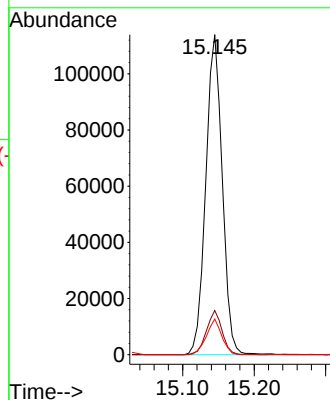
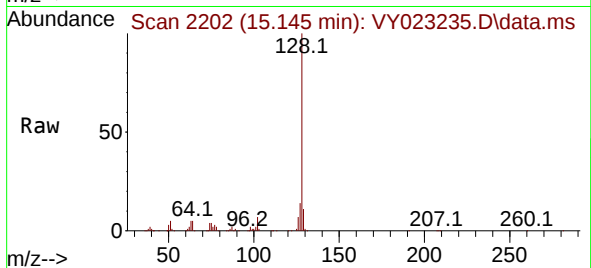
Tgt Ion:128 Resp: 182216

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.4 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.173 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023235.D

Acq: 29 Aug 2025 10:05

Tgt Ion:180 Resp: 97786

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 32.5 15.9 47.7

