

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072225\
 Data File : VY023041.D
 Acq On : 22 Jul 2025 13:15
 Operator : SY/MD
 Sample : VY0722SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Quant Time: Jul 23 02:02:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	375622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	613647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	526729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	248731	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	197300	51.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.780%	
35) Dibromofluoromethane	7.634	113	187477	48.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.320%	
50) Toluene-d8	10.103	98	735834	47.668	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.340%	
62) 4-Bromofluorobenzene	12.401	95	224716	46.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	64625	20.262	ug/l	99
3) Chloromethane	2.068	50	120365	22.194	ug/l	96
4) Vinyl Chloride	2.202	62	147035	21.400	ug/l	99
5) Bromomethane	2.592	94	122113	24.626	ug/l	96
6) Chloroethane	2.732	64	103503	22.556	ug/l	99
7) Trichlorofluoromethane	3.056	101	169502	21.252	ug/l	99
8) Diethyl Ether	3.458	74	44818	21.470	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	85113	20.314	ug/l	100
10) Methyl Iodide	4.000	142	80838	18.572	ug/l	100
11) Tert butyl alcohol	4.866	59	23401	101.758	ug/l #	91
12) 1,1-Dichloroethene	3.787	96	78947	19.780	ug/l	96
13) Acrolein	3.653	56	15631	144.648	ug/l	99
14) Allyl chloride	4.385	41	121823	20.034	ug/l	98
15) Acrylonitrile	5.061	53	87584	110.772	ug/l	100
16) Acetone	3.866	43	73897	107.209	ug/l	94
17) Carbon Disulfide	4.104	76	248249	20.522	ug/l	99
18) Methyl Acetate	4.385	43	48142	20.630	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	198573	20.742	ug/l	98
20) Methylene Chloride	4.610	84	121148	19.986	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	90038	20.265	ug/l	98
22) Diisopropyl ether	6.018	45	273264	21.183	ug/l	99
23) Vinyl Acetate	5.957	43	710980	109.381	ug/l	100
24) 1,1-Dichloroethane	5.909	63	169906	20.969	ug/l	99
25) 2-Butanone	6.890	43	106307	107.508	ug/l	99
26) 2,2-Dichloropropane	6.878	77	140716	19.816	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	102264	19.972	ug/l	98
28) Bromochloromethane	7.244	49	68164	21.690	ug/l	94
29) Tetrahydrofuran	7.262	42	70116	111.997	ug/l	98
30) Chloroform	7.421	83	173643	21.244	ug/l	96
31) Cyclohexane	7.701	56	148601	19.628	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	149833	20.203	ug/l	98
36) 1,1-Dichloropropene	7.835	75	121412	19.801	ug/l	98
37) Ethyl Acetate	6.982	43	49937	21.929	ug/l	98
38) Carbon Tetrachloride	7.817	117	131284	19.708	ug/l	99
39) Methylcyclohexane	9.109	83	152114	19.167	ug/l	96
40) Benzene	8.079	78	376219	20.379	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072225\
 Data File : VY023041.D
 Acq On : 22 Jul 2025 13:15
 Operator : SY/MD
 Sample : VY0722SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Quant Time: Jul 23 02:02:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	25088	20.224	ug/l	95
42) 1,2-Dichloroethane	8.158	62	100697	21.924	ug/l	100
43) Isopropyl Acetate	8.195	43	96290	21.287	ug/l #	86
44) Trichloroethene	8.865	130	92271	19.459	ug/l	99
45) 1,2-Dichloropropane	9.140	63	89804	20.830	ug/l	94
46) Dibromomethane	9.231	93	47257	21.207	ug/l	98
47) Bromodichloromethane	9.420	83	128012	20.782	ug/l	98
48) Methyl methacrylate	9.219	41	47074	21.556	ug/l	99
49) 1,4-Dioxane	9.231	88	10019	426.533	ug/l	88
51) 4-Methyl-2-Pentanone	9.999	43	246169	107.221	ug/l	99
52) Toluene	10.170	92	233838	20.373	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	108625	20.543	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	130824	20.527	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	63504	21.682	ug/l	98
56) Ethyl methacrylate	10.438	69	74103	20.268	ug/l	99
57) 1,3-Dichloropropane	10.713	76	108066	21.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	186783	104.362	ug/l	98
59) 2-Hexanone	10.761	43	158231	104.848	ug/l	99
60) Dibromochloromethane	10.908	129	80404	20.964	ug/l	100
61) 1,2-Dibromoethane	11.011	107	56754	21.338	ug/l	100
64) Tetrachloroethene	10.646	164	106921	19.859	ug/l	96
65) Chlorobenzene	11.438	112	242556	19.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	83368	19.665	ug/l	100
67) Ethyl Benzene	11.517	91	424937	19.288	ug/l	100
68) m/p-Xylenes	11.627	106	330122	39.067	ug/l	100
69) o-Xylene	11.950	106	150342	19.171	ug/l	98
70) Styrene	11.969	104	249690	19.438	ug/l	100
71) Bromoform	12.127	173	44325	20.596	ug/l #	99
73) Isopropylbenzene	12.255	105	394370	18.701	ug/l	100
74) N-amyl acetate	12.066	43	80058	20.136	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	61012	19.993	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	87373	28.190	ug/l #	100
77) Bromobenzene	12.529	156	88481	19.346	ug/l	99
78) n-propylbenzene	12.590	91	483609	19.258	ug/l	100
79) 2-Chlorotoluene	12.676	91	273314	19.351	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	317558	19.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	20628	19.823	ug/l	99
82) 4-Chlorotoluene	12.773	91	274300	19.256	ug/l	100
83) tert-Butylbenzene	12.993	119	289452	19.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	314405	19.204	ug/l	99
85) sec-Butylbenzene	13.170	105	428098	19.015	ug/l	99
86) p-Isopropyltoluene	13.291	119	343222	18.771	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	177956	19.280	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	171979	19.260	ug/l	99
89) n-Butylbenzene	13.615	91	319430	18.932	ug/l	99
90) Hexachloroethane	13.877	117	74116	19.578	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	151648	19.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9806	21.641	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	77286	18.832	ug/l	99
94) Hexachlorobutadiene	15.017	225	48706	18.825	ug/l	99
95) Naphthalene	15.139	128	125407	19.052	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	65763	19.407	ug/l	99

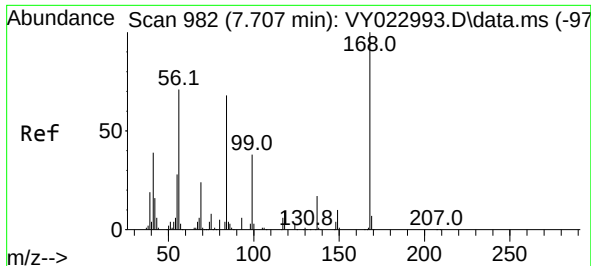
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072225\
Data File : VY023041.D
Acq On : 22 Jul 2025 13:15
Operator : SY/MD
Sample : VY0722SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Quant Time: Jul 23 02:02:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

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

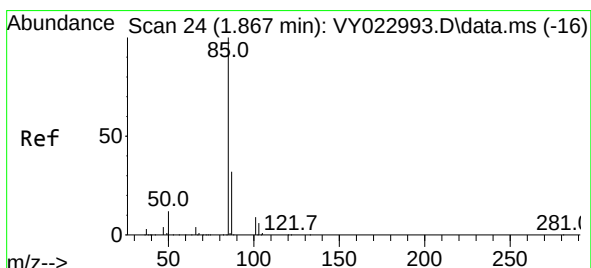
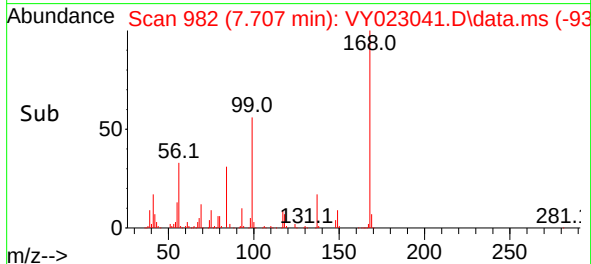
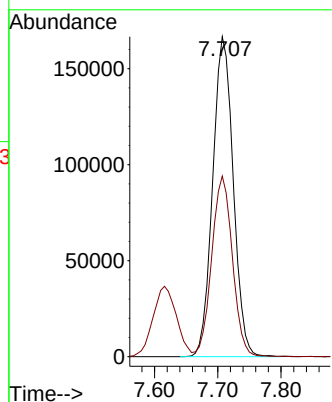
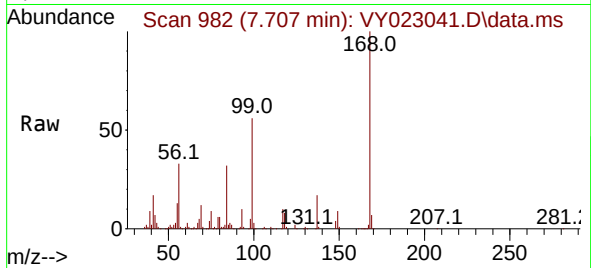
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

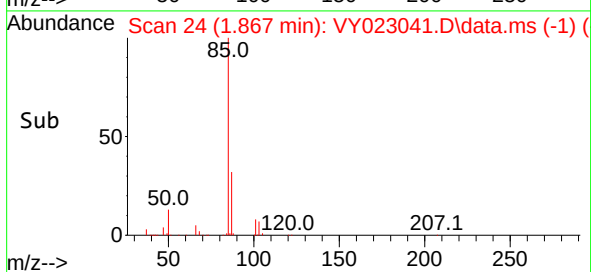
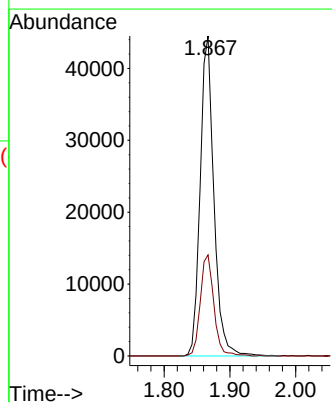
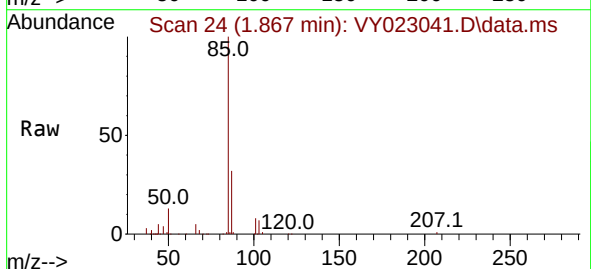
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

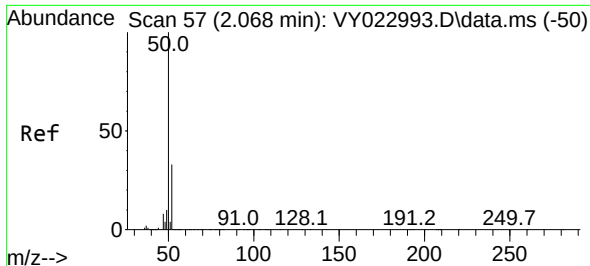
Tgt Ion:168 Resp: 375622
Ion Ratio Lower Upper
168 100
99 56.4 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 20.262 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 85 Resp: 64625
Ion Ratio Lower Upper
85 100
87 31.6 16.0 47.9

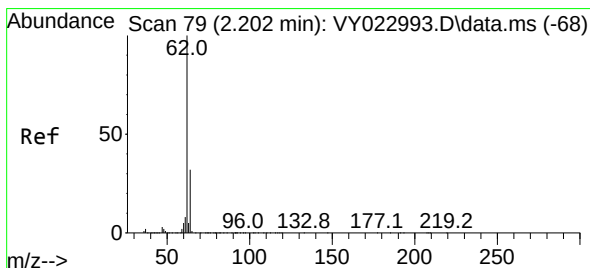
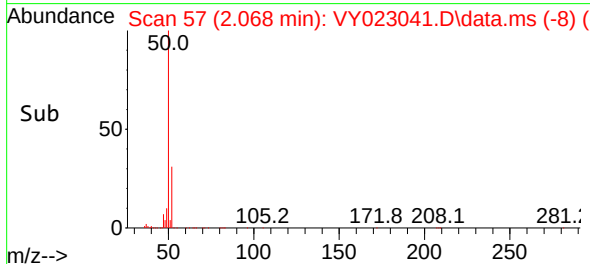
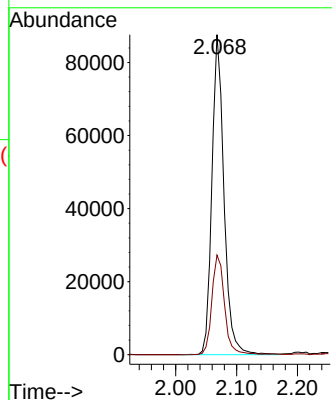
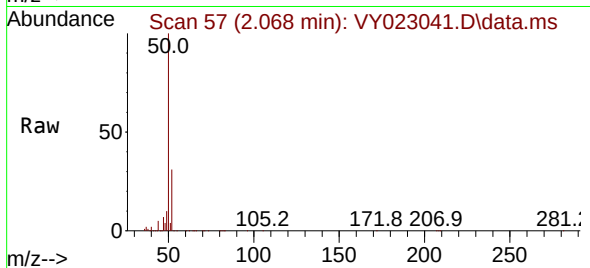




#3
Chloromethane
Concen: 22.194 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

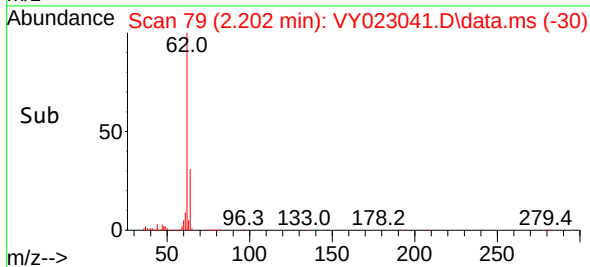
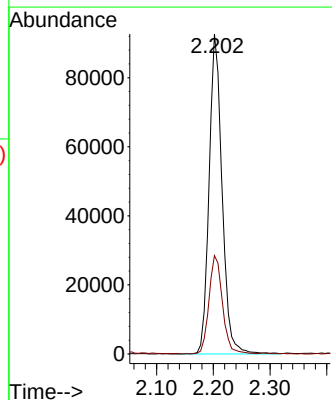
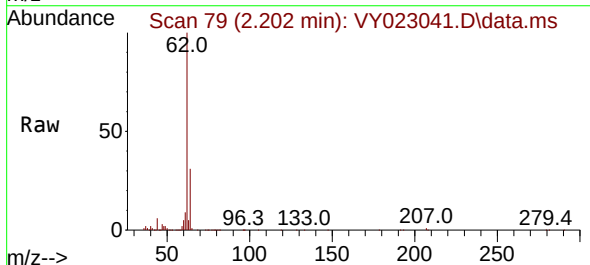
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

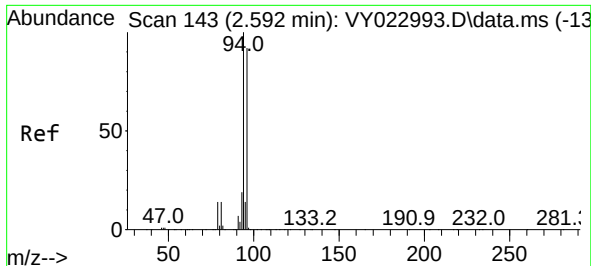
Tgt Ion: 50 Resp: 120365
Ion Ratio Lower Upper
50 100
52 31.1 26.6 39.8



#4
Vinyl Chloride
Concen: 21.400 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 62 Resp: 147035
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8

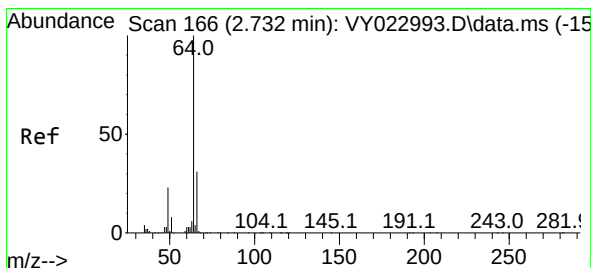
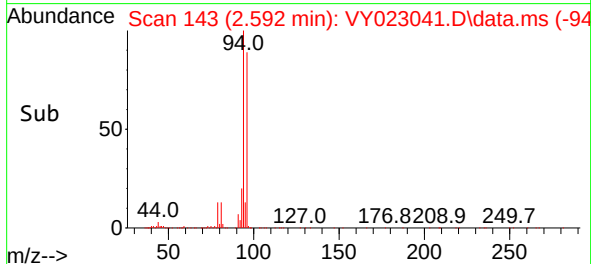
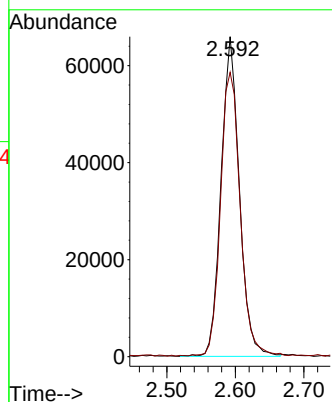
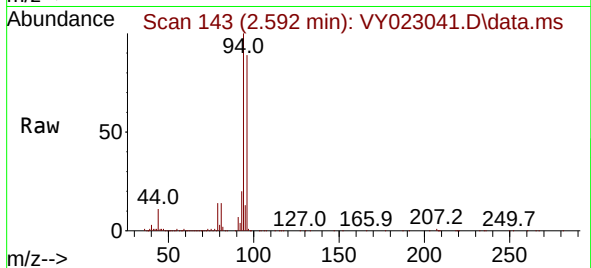




#5
Bromomethane
Concen: 24.626 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

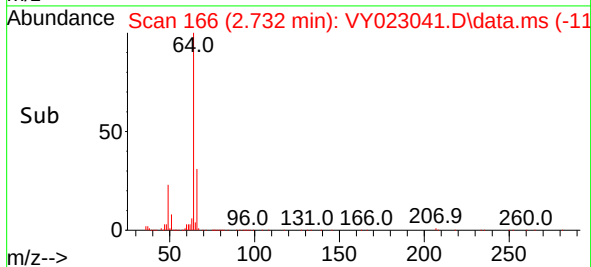
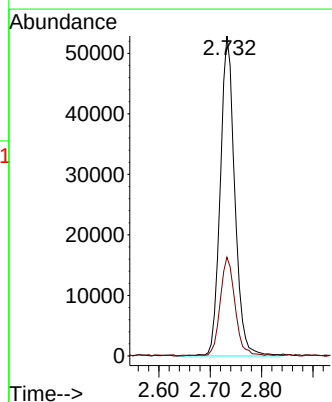
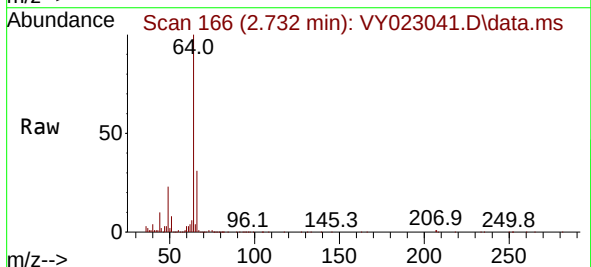
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

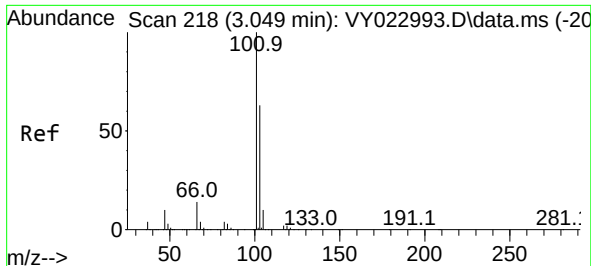
Tgt Ion: 94 Resp: 122113
Ion Ratio Lower Upper
94 100
96 88.5 73.9 110.9



#6
Chloroethane
Concen: 22.556 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 64 Resp: 103503
Ion Ratio Lower Upper
64 100
66 30.7 24.9 37.3

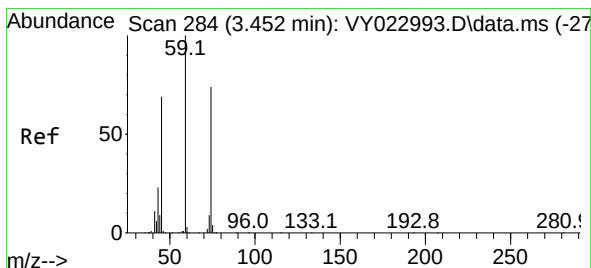
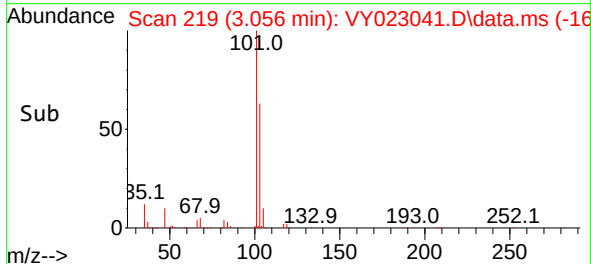
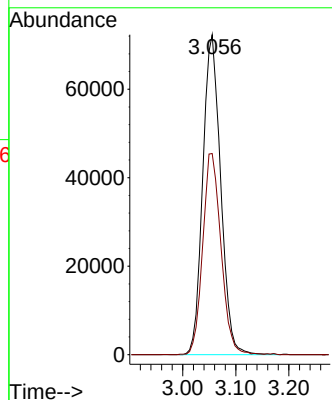
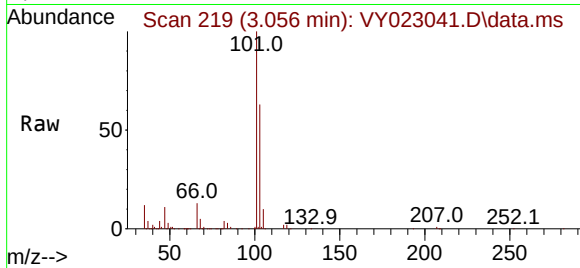




#7
 Trichlorofluoromethane
 Concen: 21.252 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

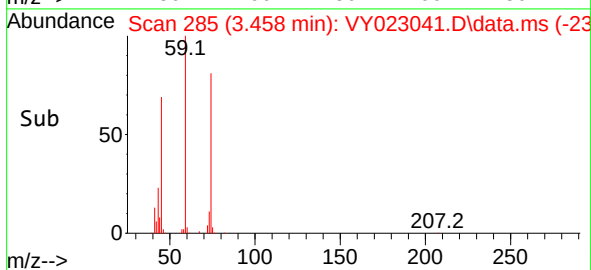
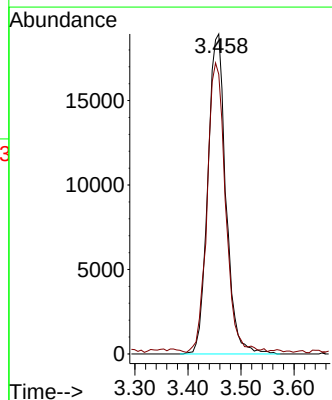
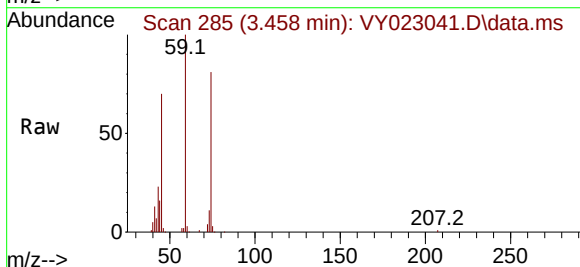
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

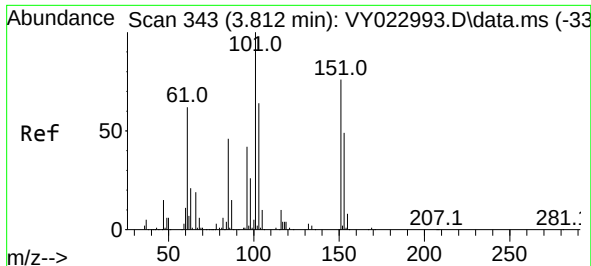
Tgt Ion:101 Resp: 169502
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 21.470 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

Tgt Ion: 74 Resp: 44818
 Ion Ratio Lower Upper
 74 100
 45 92.5 45.1 135.2

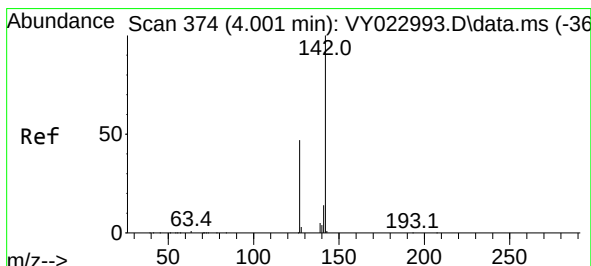
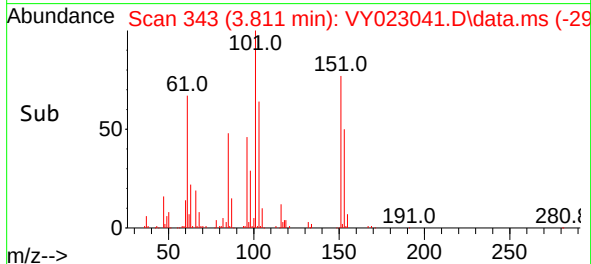
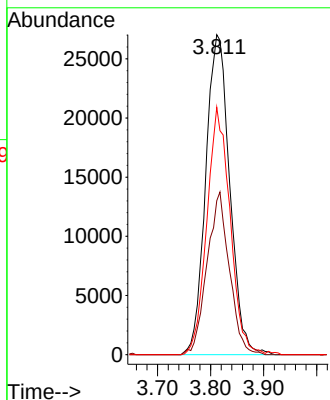
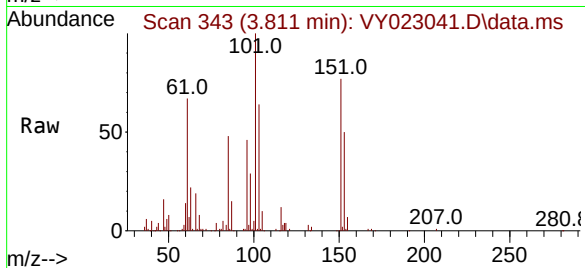




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.314 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

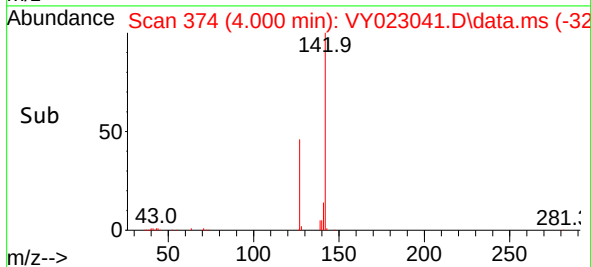
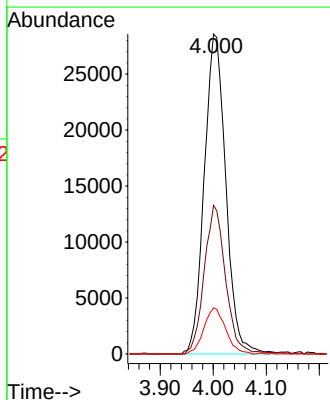
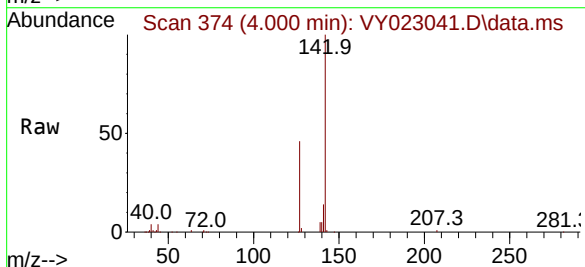
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

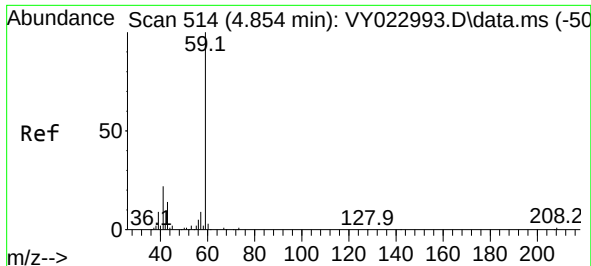
Tgt Ion:101 Resp: 85113
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 74.6 59.7 89.5



#10
Methyl Iodide
Concen: 18.572 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion:142 Resp: 80838
Ion Ratio Lower Upper
142 100
127 46.1 37.0 55.6
141 14.5 11.4 17.2

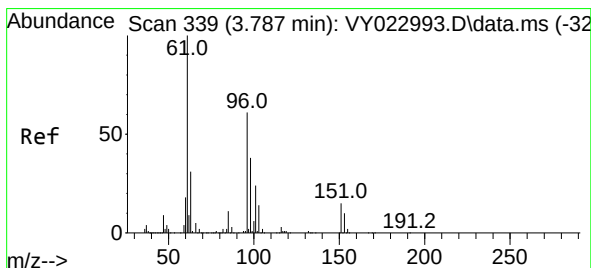
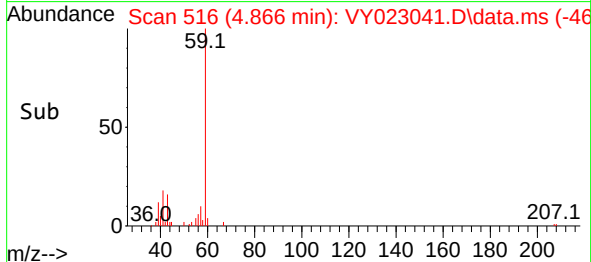
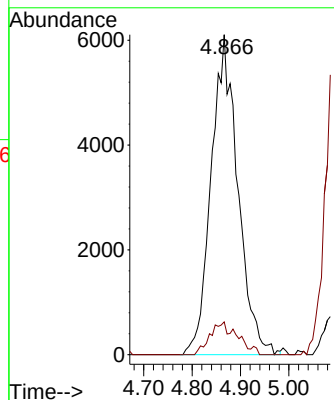
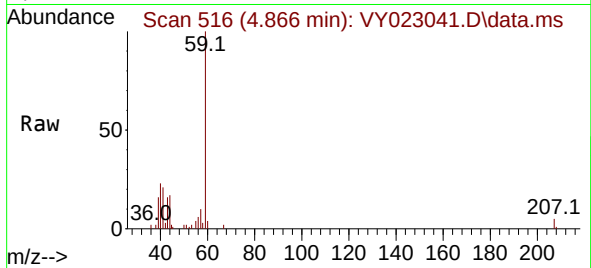




#11
Tert butyl alcohol
Concen: 101.758 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

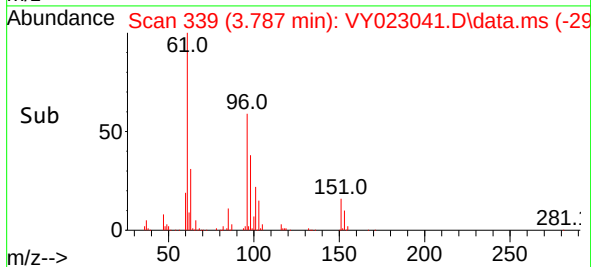
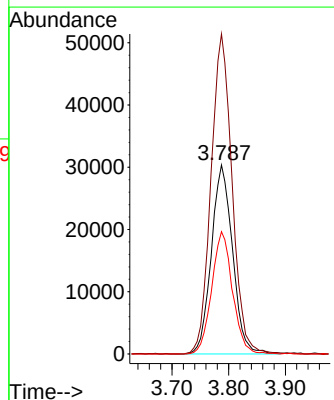
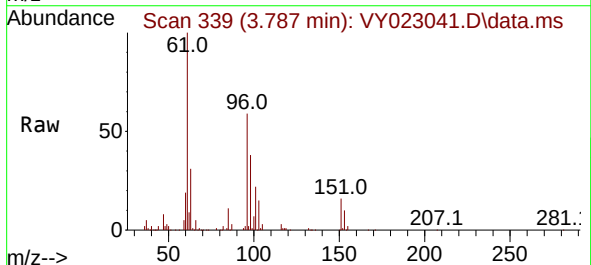
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

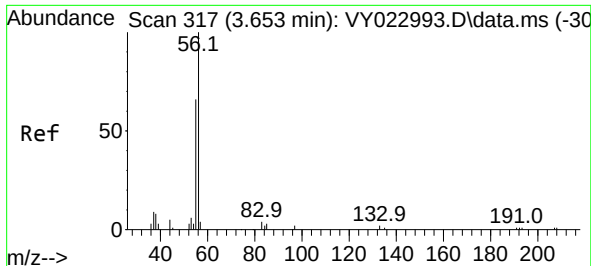
Tgt Ion: 59 Resp: 23401
Ion Ratio Lower Upper
59 100
57 7.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 19.780 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 96 Resp: 78947
Ion Ratio Lower Upper
96 100
61 169.4 130.4 195.6
98 64.7 49.6 74.4





#13

Acrolein

Concen: 144.648 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

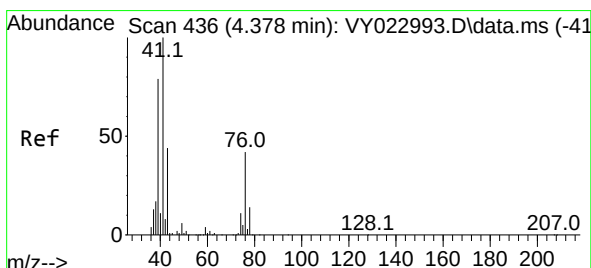
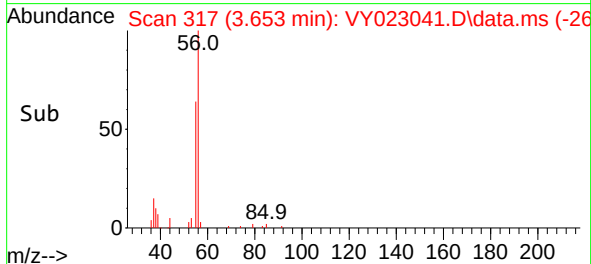
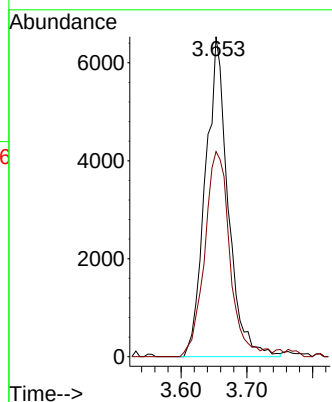
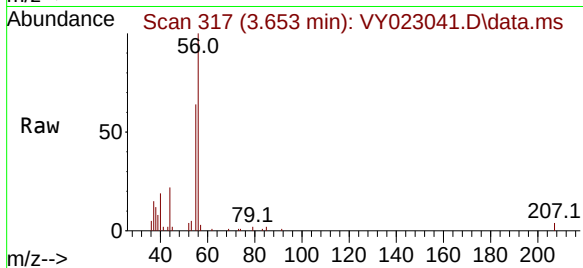
VY0722SBS01

Tgt Ion: 56 Resp: 15631

Ion Ratio Lower Upper

56 100

55 71.5 57.8 86.6



#14

Allyl chloride

Concen: 20.034 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

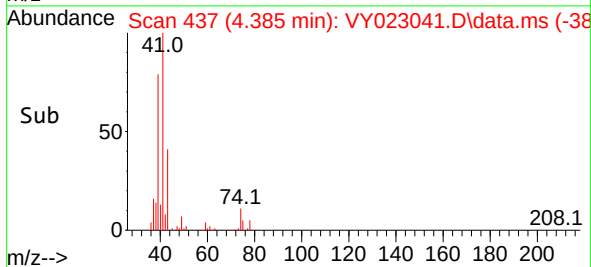
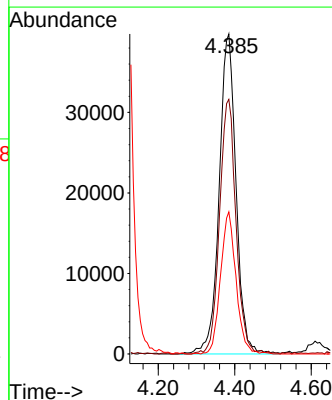
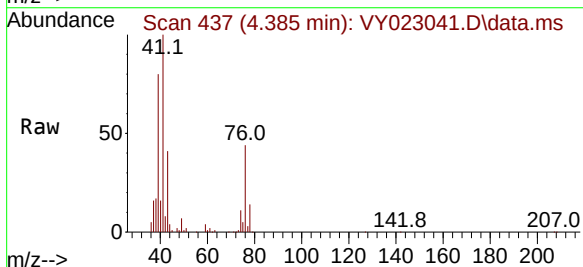
Tgt Ion: 41 Resp: 121823

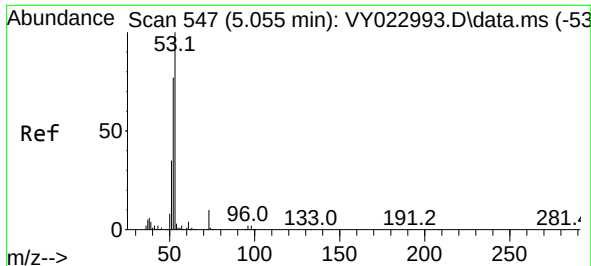
Ion Ratio Lower Upper

41 100

39 77.2 60.1 90.1

76 40.7 32.2 48.4

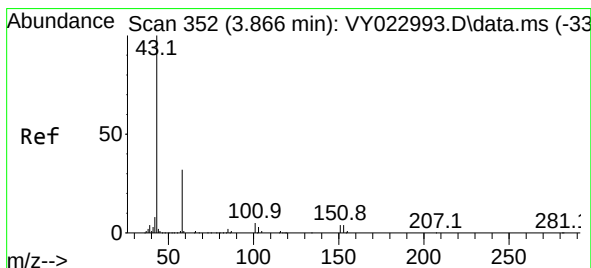
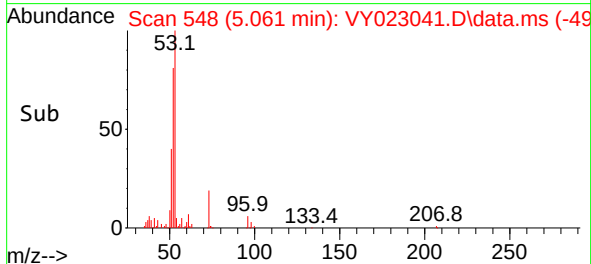
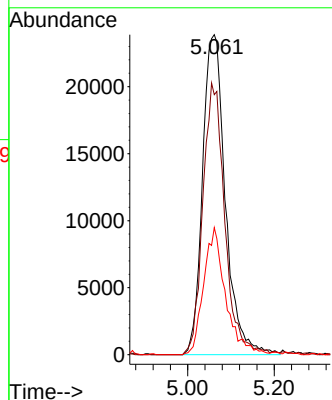
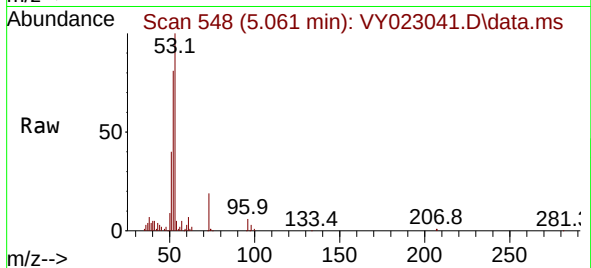




#15
Acrylonitrile
Concen: 110.772 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

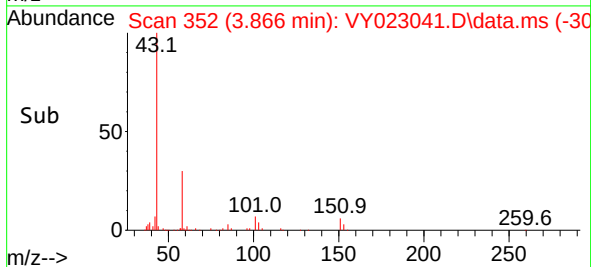
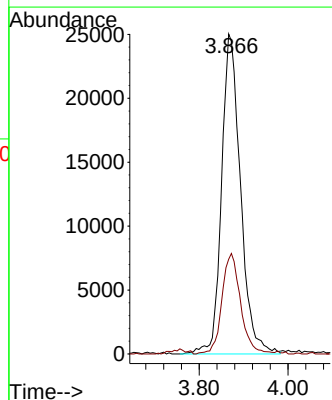
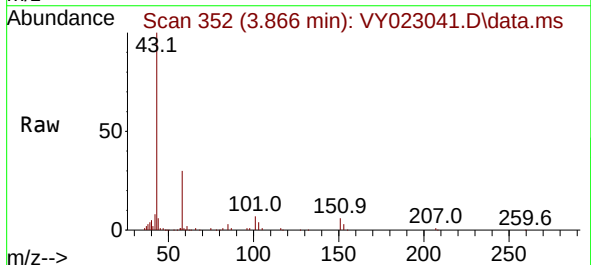
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

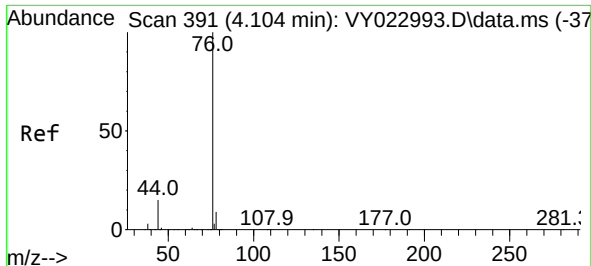
Tgt Ion: 53 Resp: 87584
Ion Ratio Lower Upper
53 100
52 81.1 65.2 97.8
51 38.1 30.3 45.5



#16
Acetone
Concen: 107.209 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 43 Resp: 73897
Ion Ratio Lower Upper
43 100
58 29.3 26.2 39.4

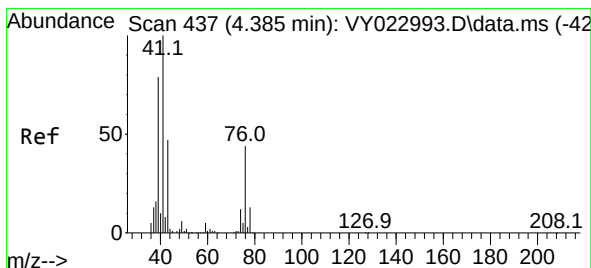
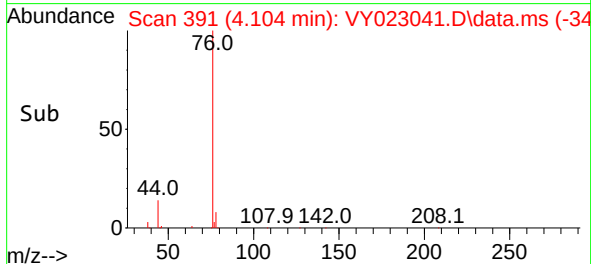
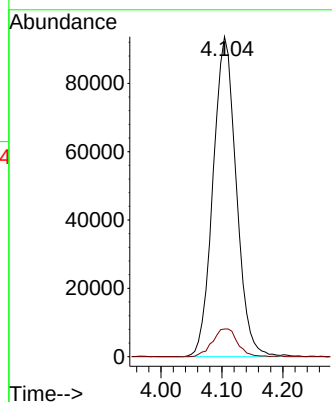
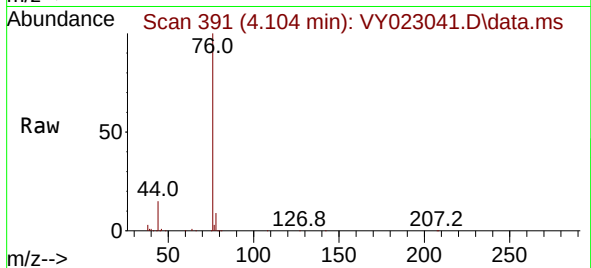




#17
Carbon Disulfide
Concen: 20.522 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

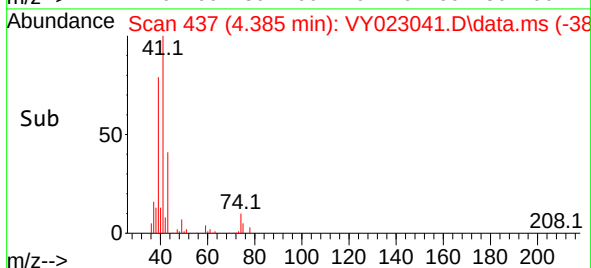
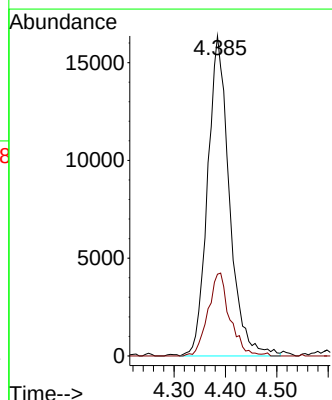
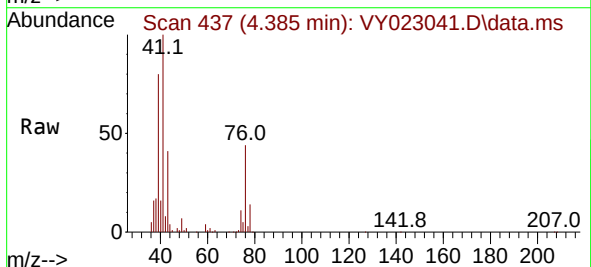
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

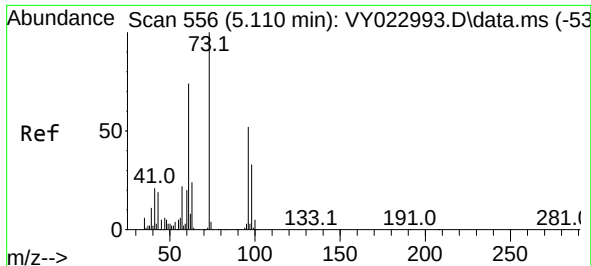
Tgt Ion: 76 Resp: 248249
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 20.630 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 43 Resp: 48142
Ion Ratio Lower Upper
43 100
74 25.9 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 20.742 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

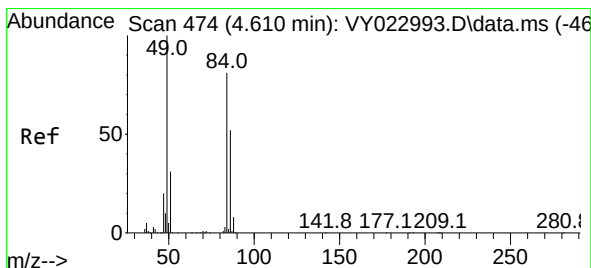
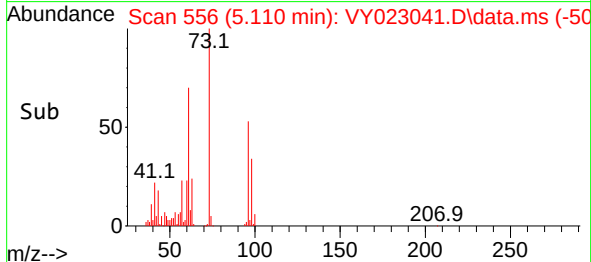
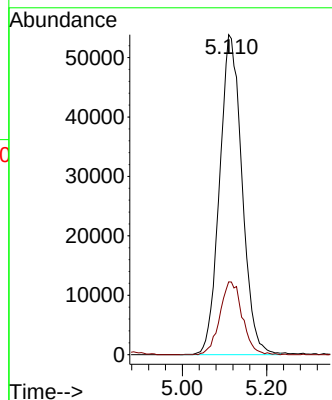
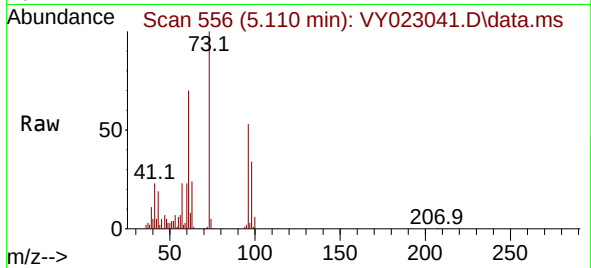
VY0722SBS01

Tgt Ion: 73 Resp: 198573

Ion Ratio Lower Upper

73 100

57 22.8 17.4 26.2



#20

Methylene Chloride

Concen: 19.986 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Tgt Ion: 84 Resp: 121148

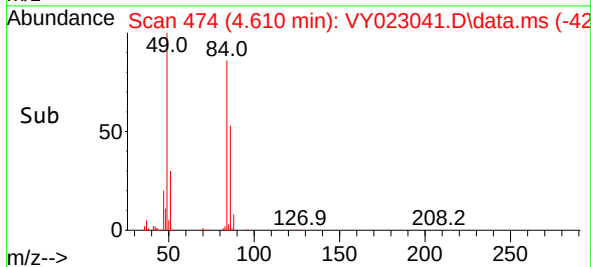
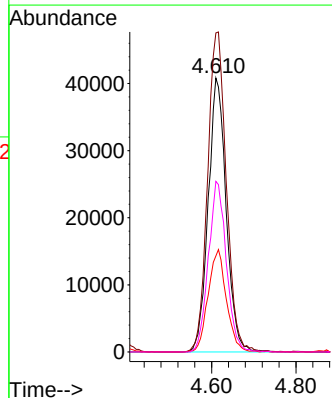
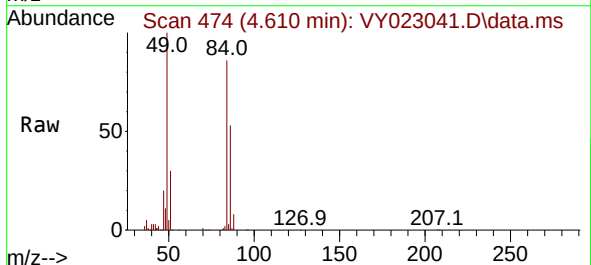
Ion Ratio Lower Upper

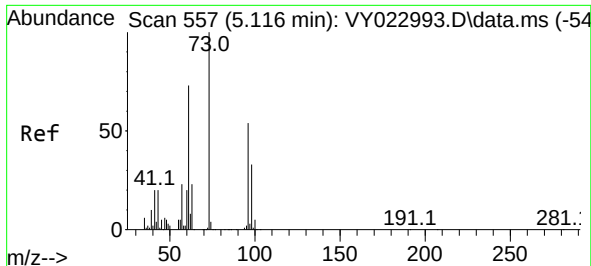
84 100

49 116.5 98.2 147.4

51 35.0 30.5 45.7

86 62.3 51.3 76.9

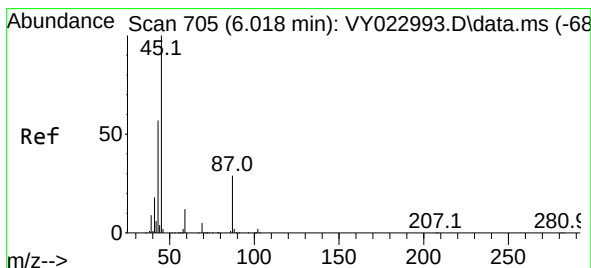
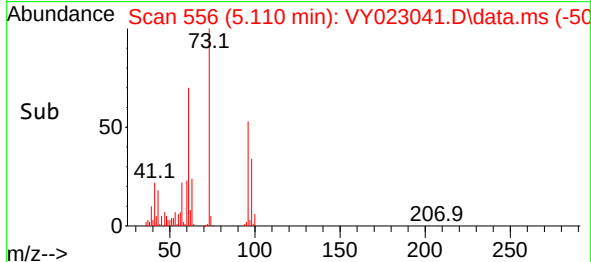
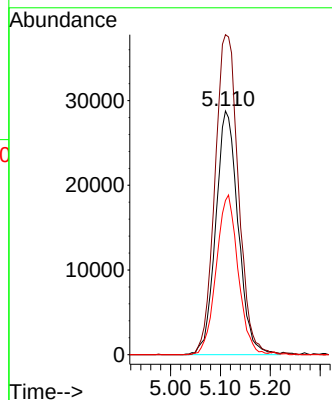
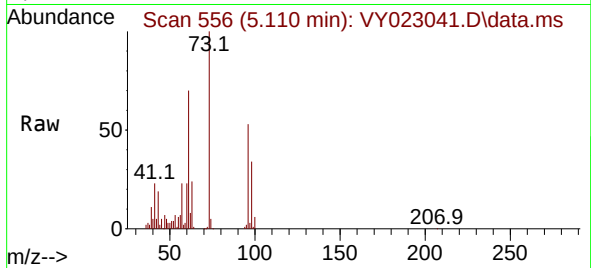




#21
trans-1,2-Dichloroethene
Concen: 20.265 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

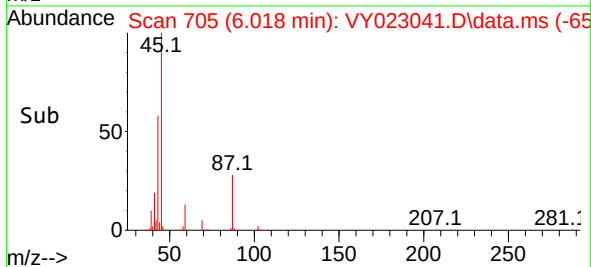
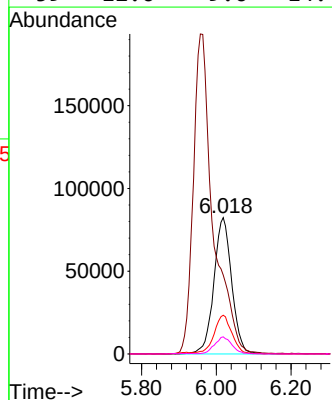
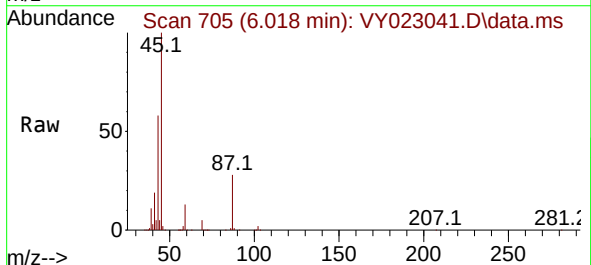
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

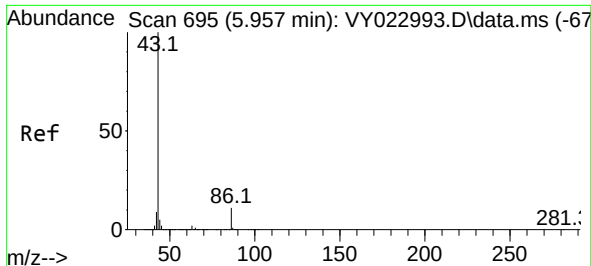
Tgt Ion: 96 Resp: 90038
Ion Ratio Lower Upper
96 100
61 131.3 107.4 161.2
98 63.3 49.3 73.9



#22
Diisopropyl ether
Concen: 21.183 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 45 Resp: 273264
Ion Ratio Lower Upper
45 100
43 57.5 45.3 67.9
87 28.5 23.3 34.9
59 12.6 9.6 14.4

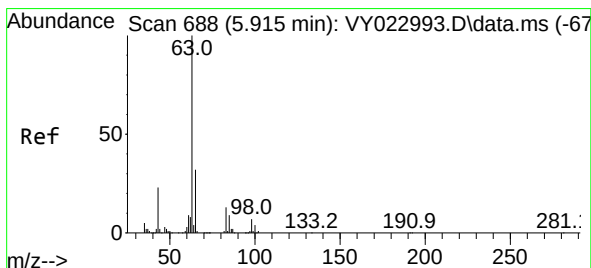
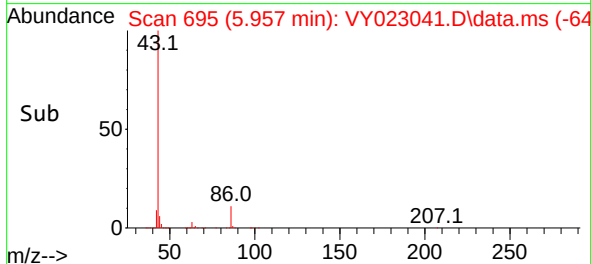
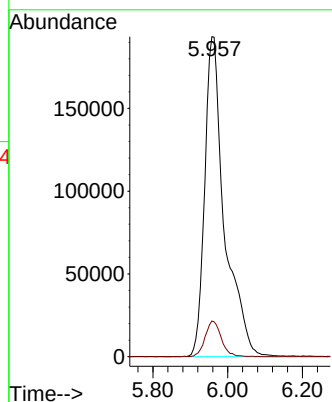
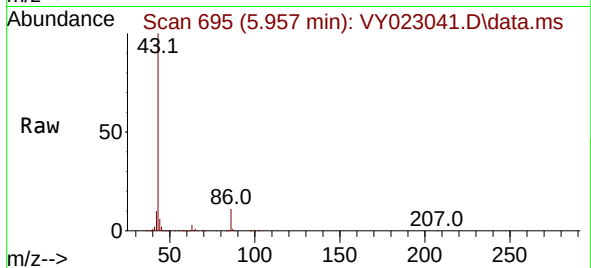




#23
 Vinyl Acetate
 Concen: 109.381 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

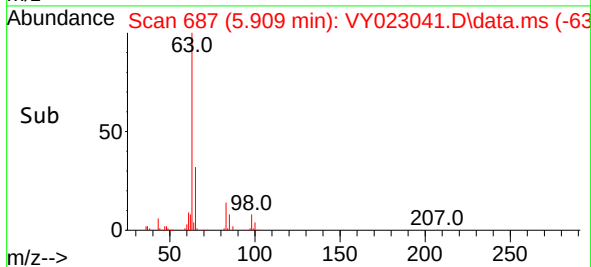
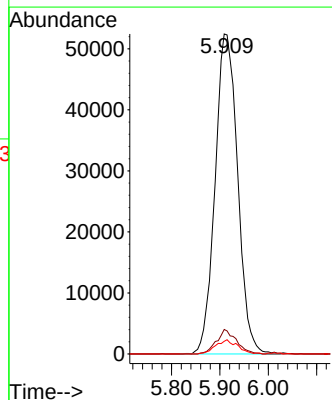
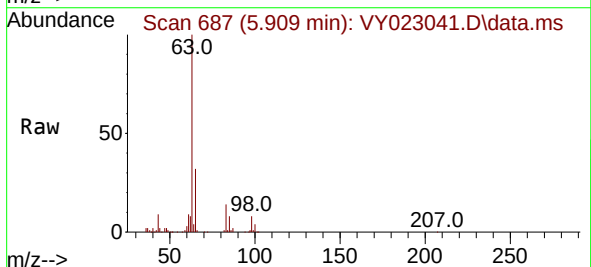
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

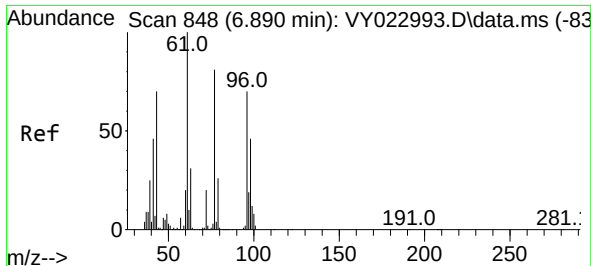
Tgt Ion: 43 Resp: 710980
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.969 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

Tgt Ion: 63 Resp: 169906
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 107.508 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

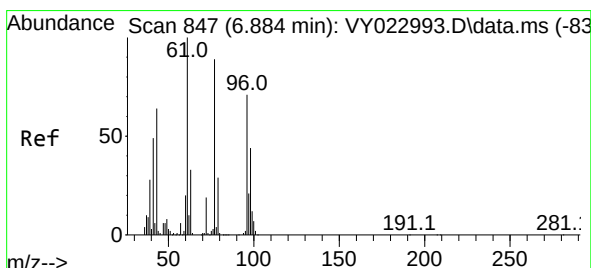
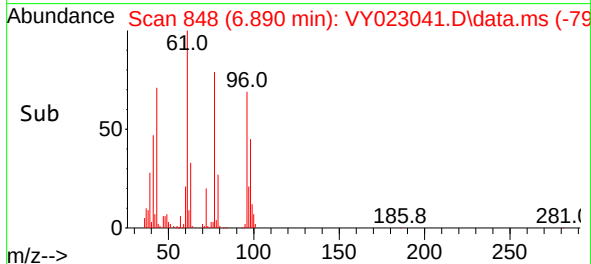
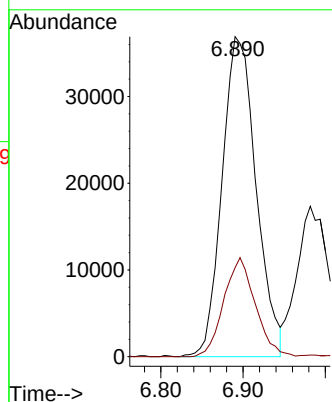
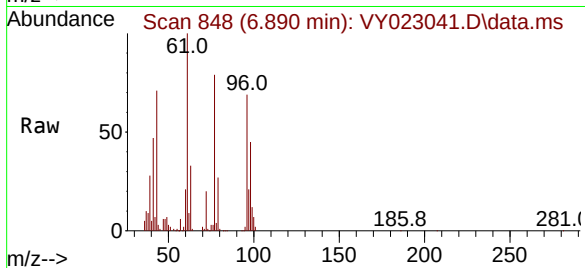
VY0722SBS01

Tgt Ion: 43 Resp: 106307

Ion Ratio Lower Upper

43 100

72 27.8 22.9 34.3



#26

2,2-Dichloropropane

Concen: 19.816 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY023041.D

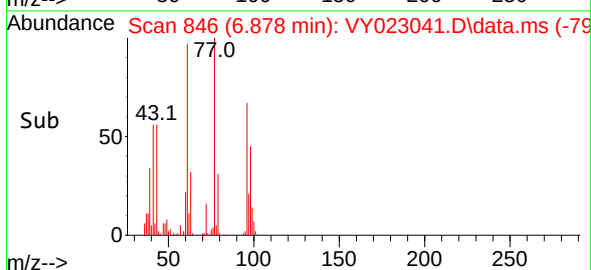
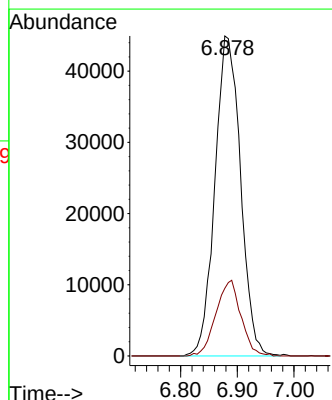
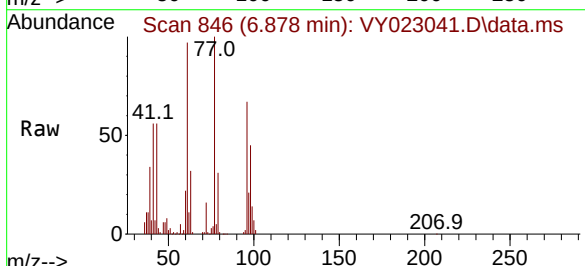
Acq: 22 Jul 2025 13:15

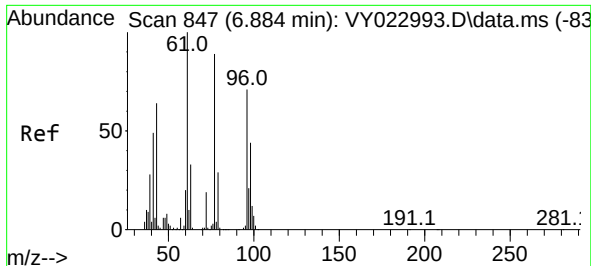
Tgt Ion: 77 Resp: 140716

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.9

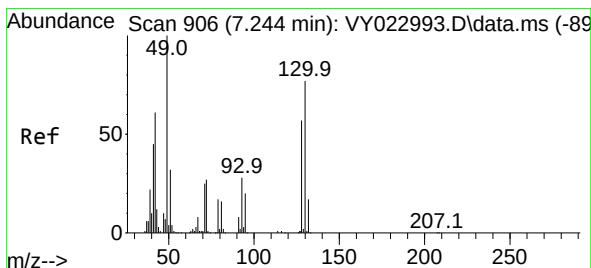
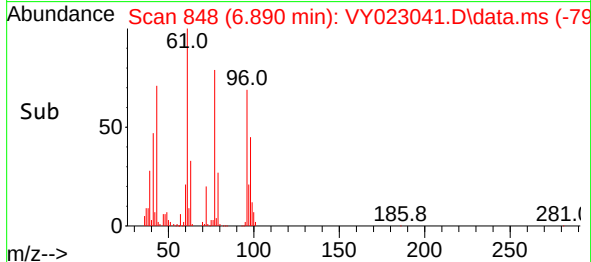
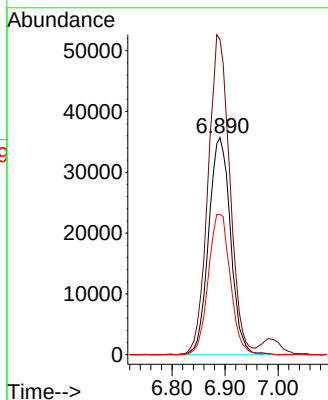
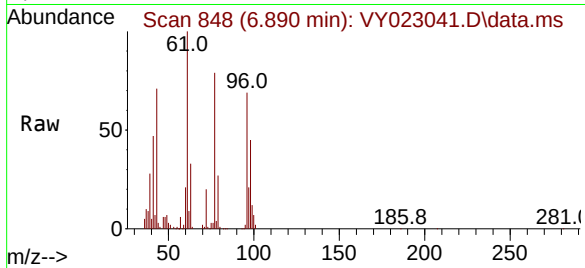




#27
 cis-1,2-Dichloroethene
 Concen: 19.972 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

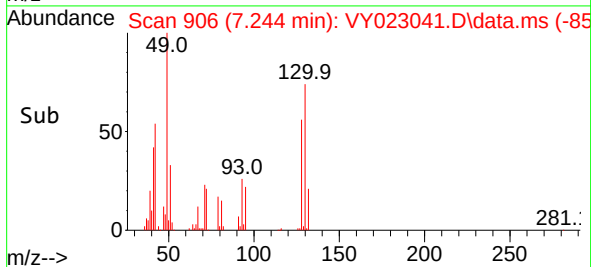
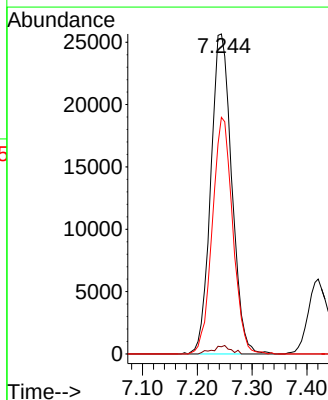
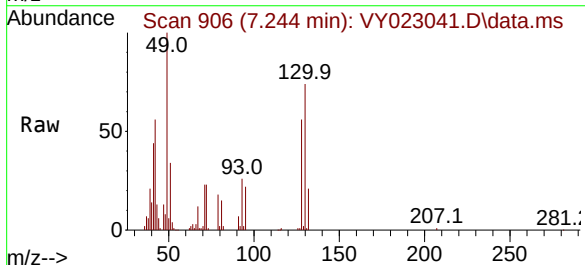
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

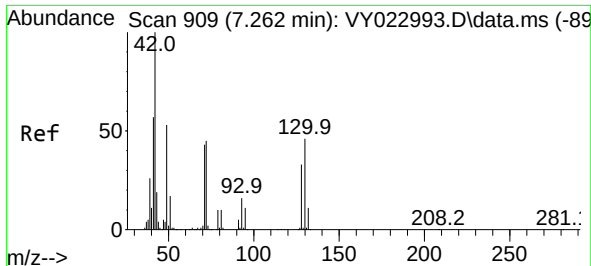
Tgt Ion: 96 Resp: 102264
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 286.2
 98 65.0 0.0 127.4



#28
 Bromochloromethane
 Concen: 21.690 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

Tgt Ion: 49 Resp: 68164
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 72.0 61.8 92.8





#29

Tetrahydrofuran

Concen: 111.997 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

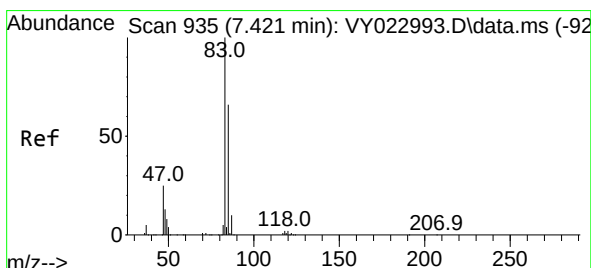
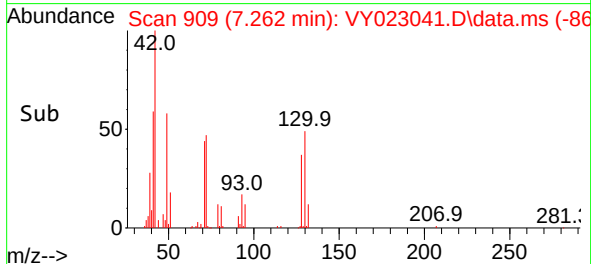
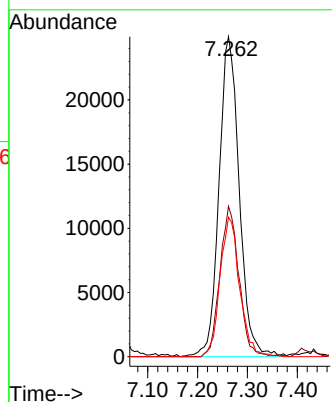
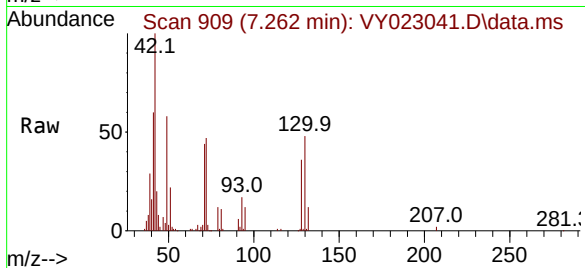
Tgt Ion: 42 Resp: 70116

Ion Ratio Lower Upper

42 100

72 44.3 37.5 56.3

71 42.2 34.2 51.4



#30

Chloroform

Concen: 21.244 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023041.D

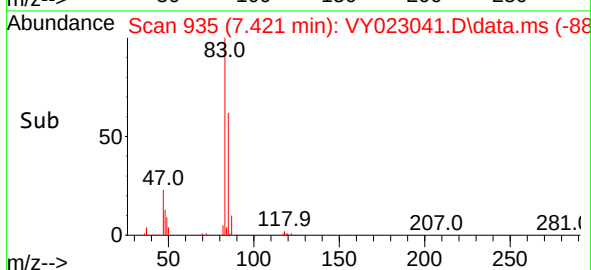
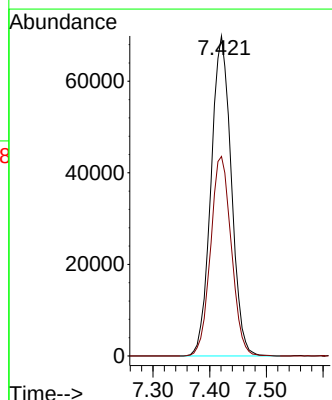
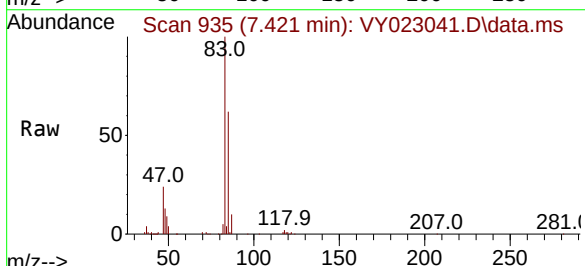
Acq: 22 Jul 2025 13:15

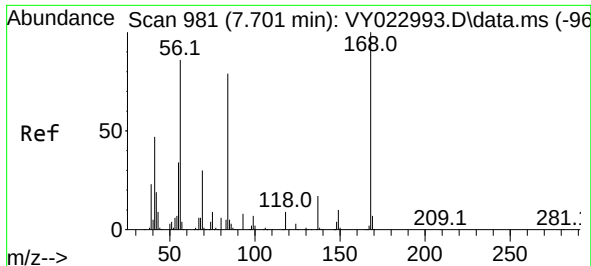
Tgt Ion: 83 Resp: 173643

Ion Ratio Lower Upper

83 100

85 62.4 52.6 78.8

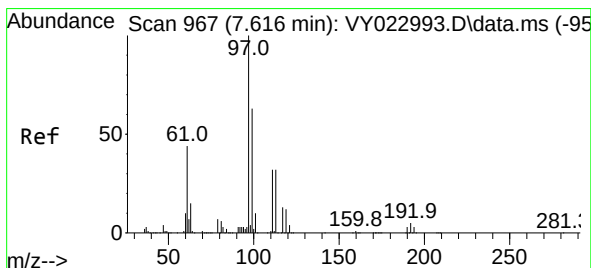
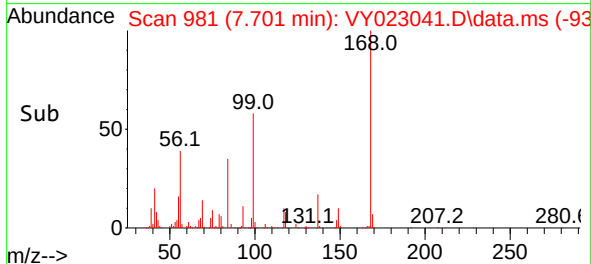
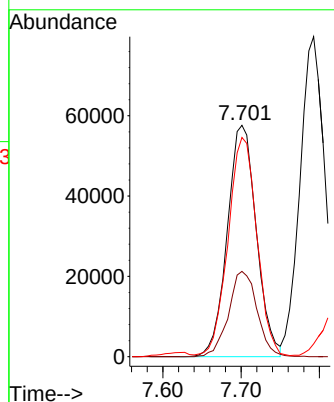
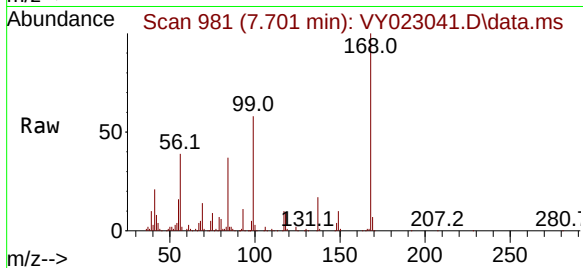




#31
Cyclohexane
Concen: 19.628 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

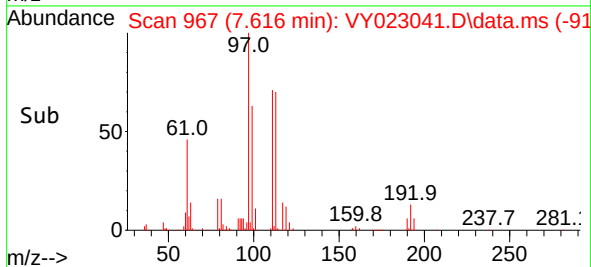
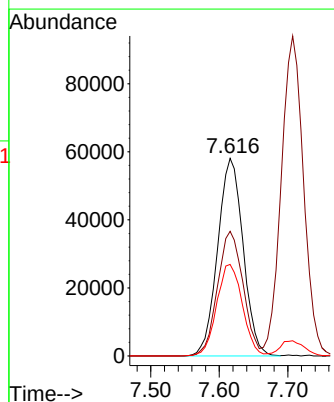
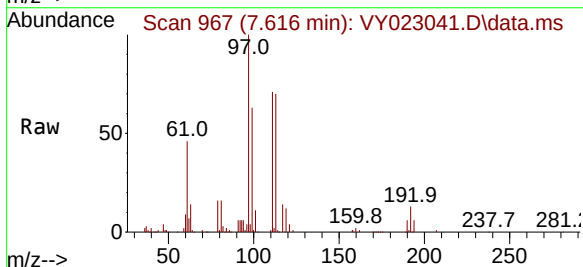
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

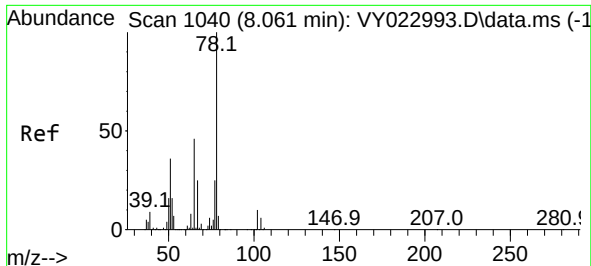
Tgt Ion: 56 Resp: 148601
Ion Ratio Lower Upper
56 100
69 36.9 28.1 42.1
84 93.3 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 20.203 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 97 Resp: 149833
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 46.7 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 51.886 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

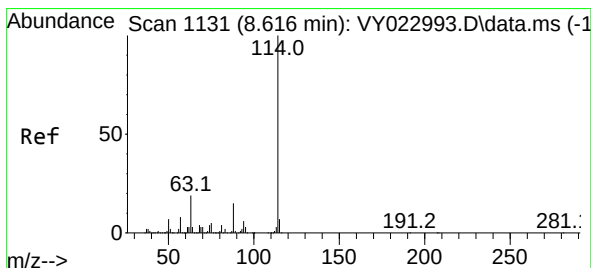
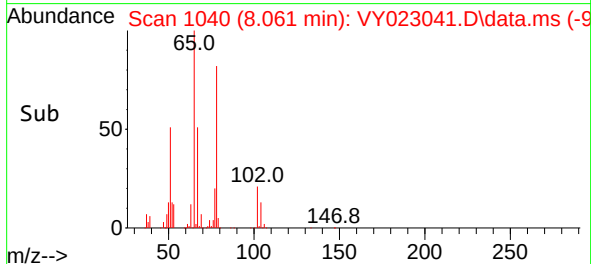
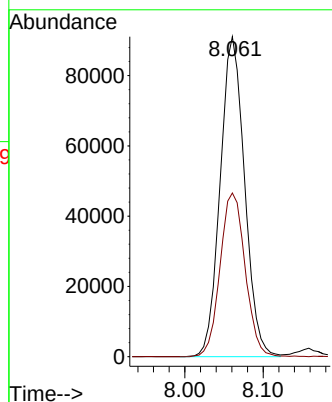
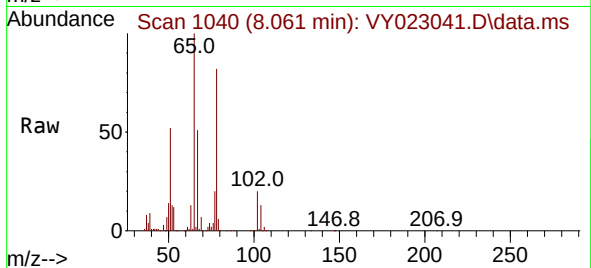
VY0722SBS01

Tgt Ion: 65 Resp: 197300

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

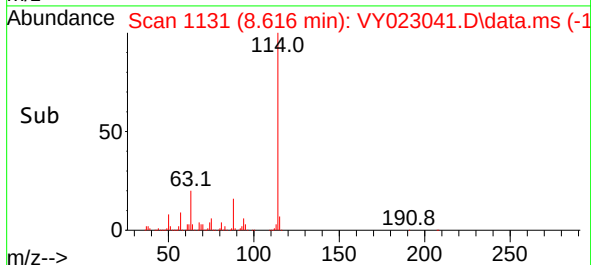
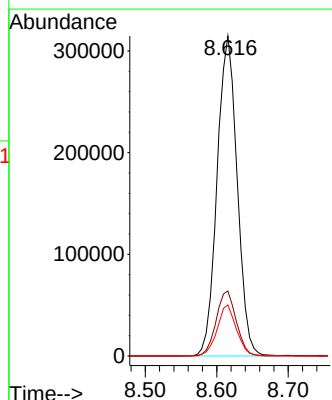
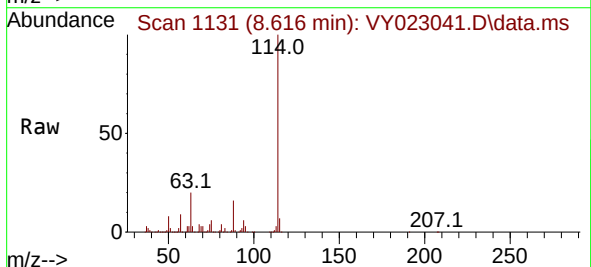
Tgt Ion: 114 Resp: 613647

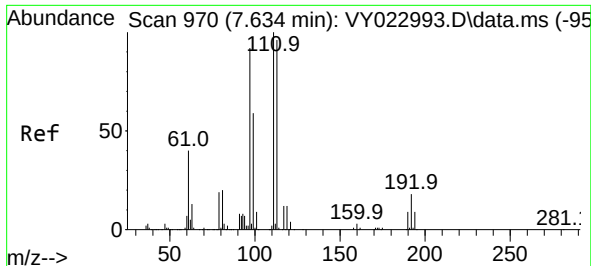
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

88 16.0 0.0 30.2

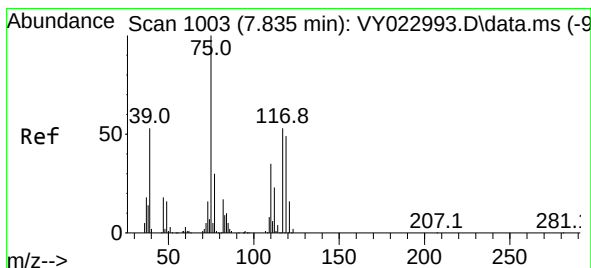
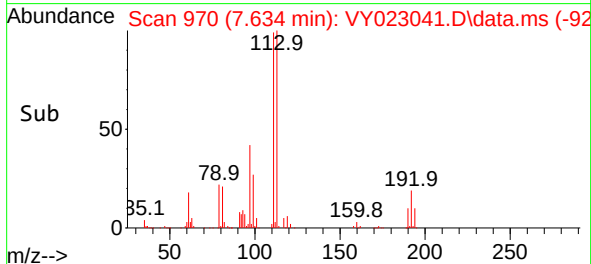
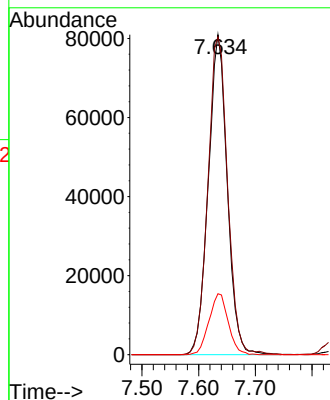
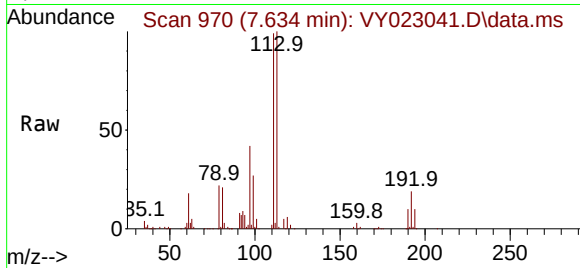




#35
Dibromofluoromethane
Concen: 48.163 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

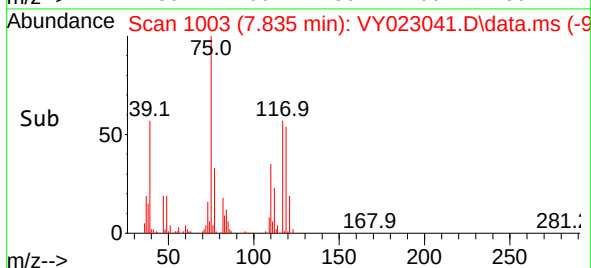
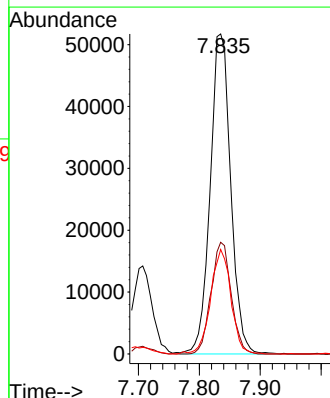
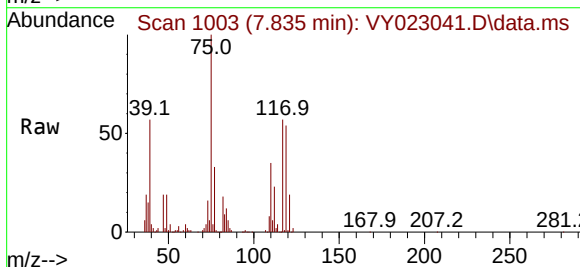
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

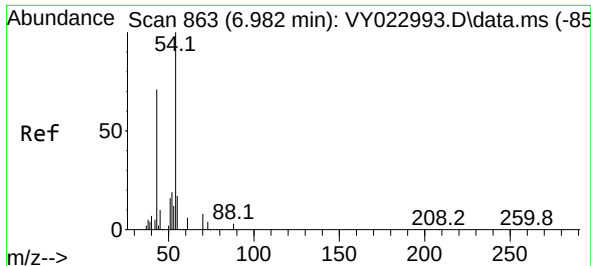
Tgt Ion:113 Resp: 187477
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 19.4 15.3 22.9



#36
1,1-Dichloropropene
Concen: 19.801 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 75 Resp: 121412
Ion Ratio Lower Upper
75 100
110 34.1 17.3 51.9
77 32.3 24.6 37.0

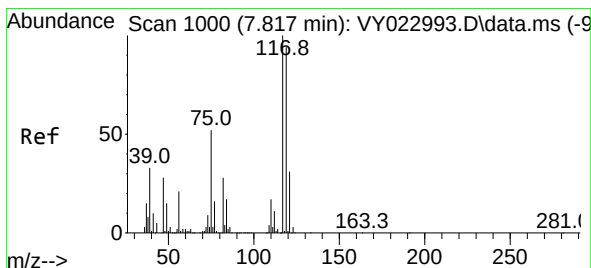
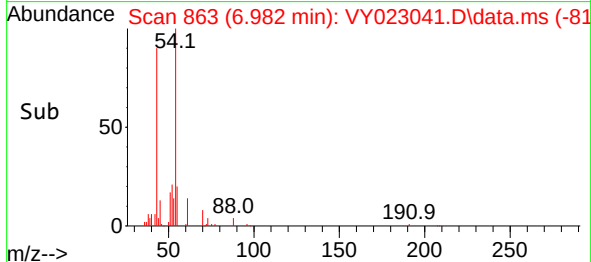
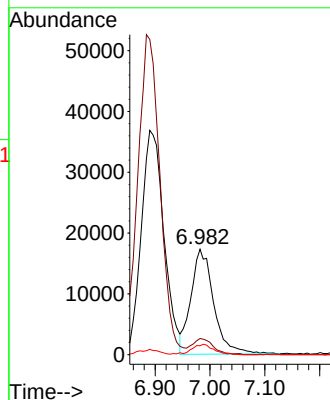
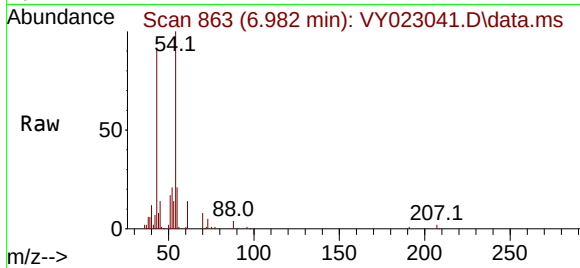




#37
Ethyl Acetate
Concen: 21.929 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

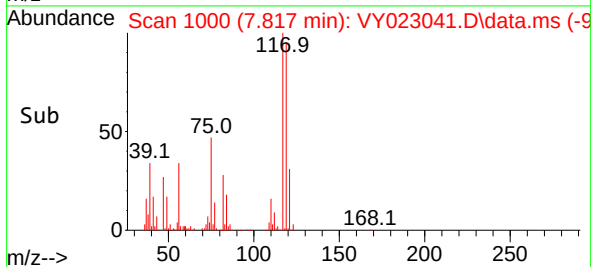
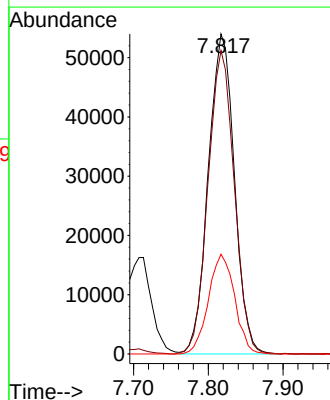
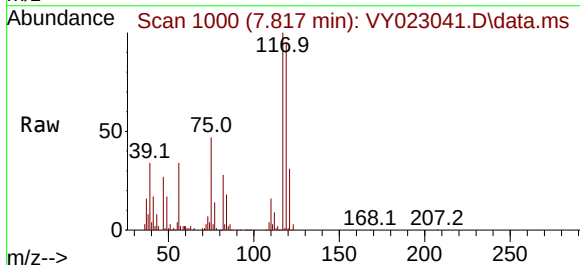
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

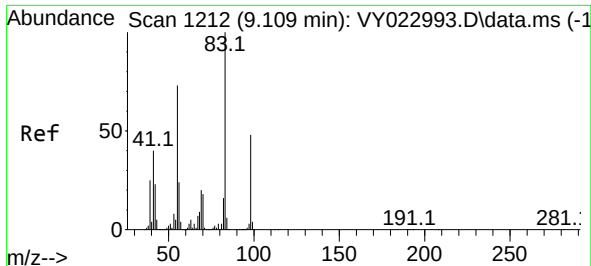
Tgt Ion: 43 Resp: 49937
Ion Ratio Lower Upper
43 100
61 14.0 11.6 17.4
70 9.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.708 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 117 Resp: 131284
Ion Ratio Lower Upper
117 100
119 94.8 74.9 112.3
121 31.2 24.6 37.0





#39

Methylcyclohexane

Concen: 19.167 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

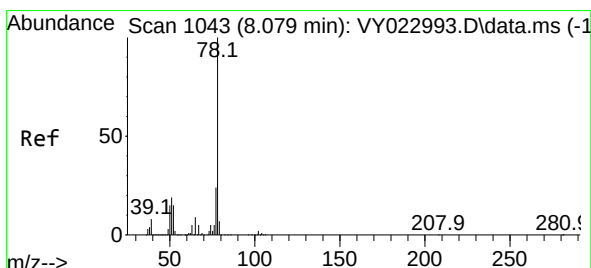
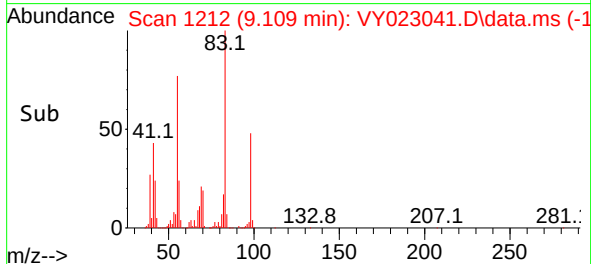
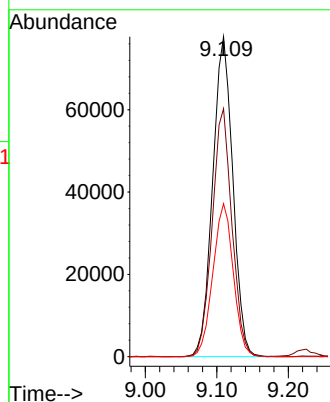
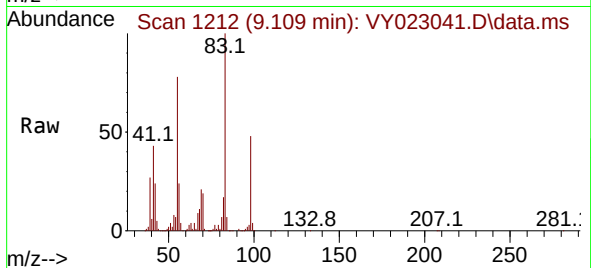
Tgt Ion: 83 Resp: 152114

Ion Ratio Lower Upper

83 100

55 77.5 58.1 87.1

98 47.8 38.5 57.7



#40

Benzene

Concen: 20.379 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023041.D

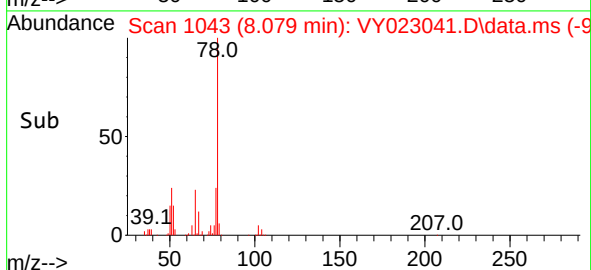
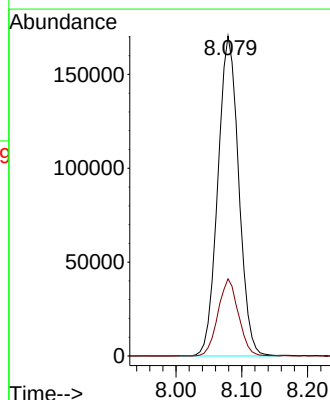
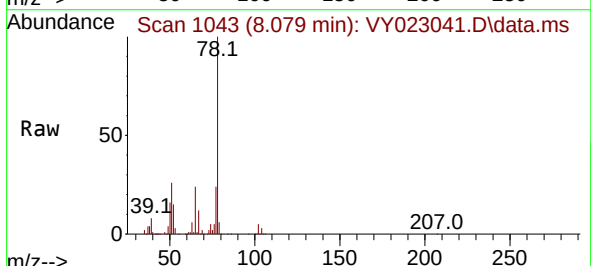
Acq: 22 Jul 2025 13:15

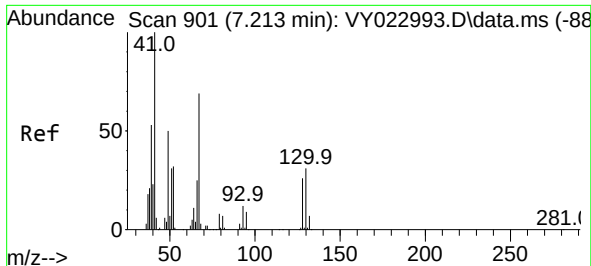
Tgt Ion: 78 Resp: 376219

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4

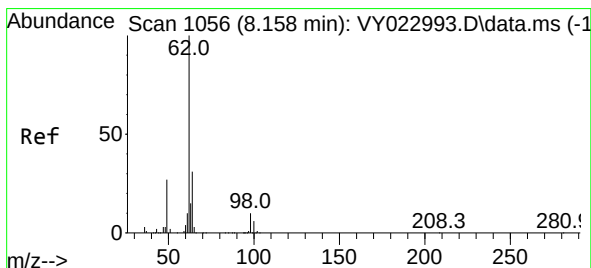
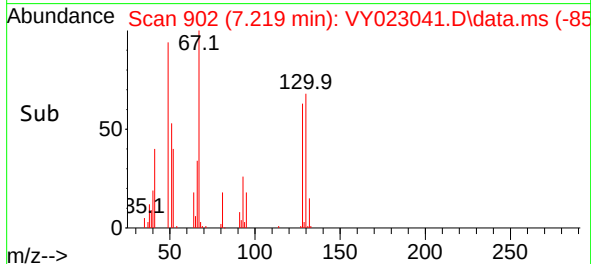
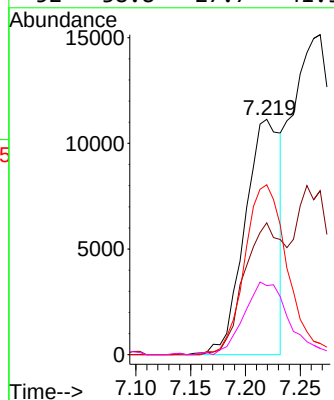
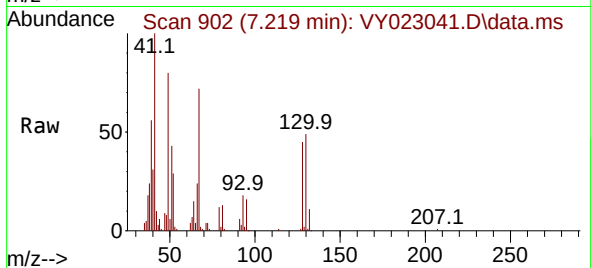




#41
Methacrylonitrile
Concen: 20.224 ug/l
RT: 7.219 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

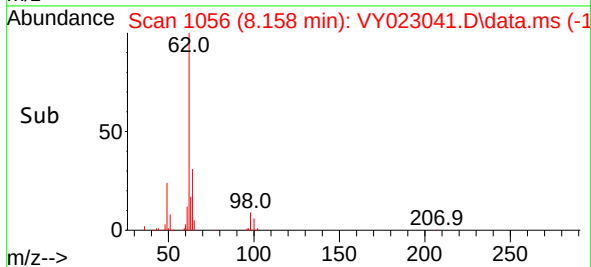
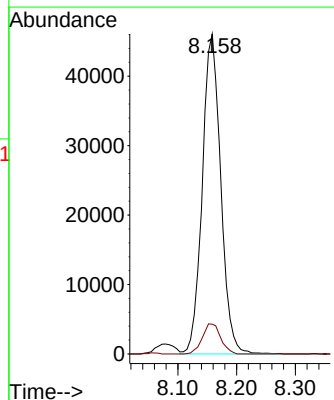
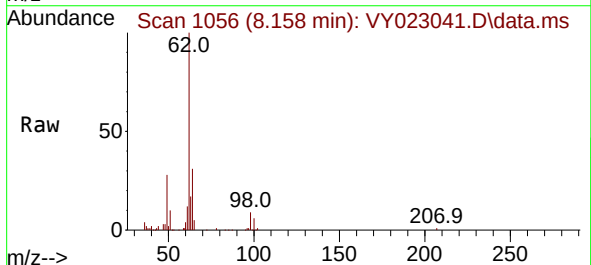
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

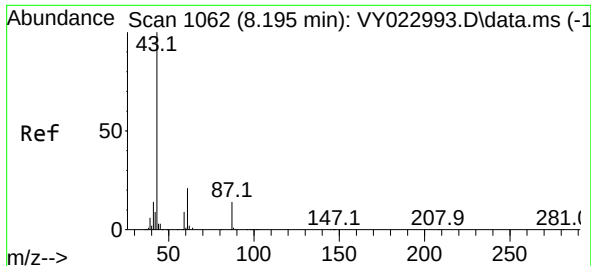
Tgt Ion: 41 Resp: 25088
Ion Ratio Lower Upper
41 100
39 63.1 50.0 75.0
67 87.5 65.4 98.2
52 38.8 27.7 41.5



#42
1,2-Dichloroethane
Concen: 21.924 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 62 Resp: 100697
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.0

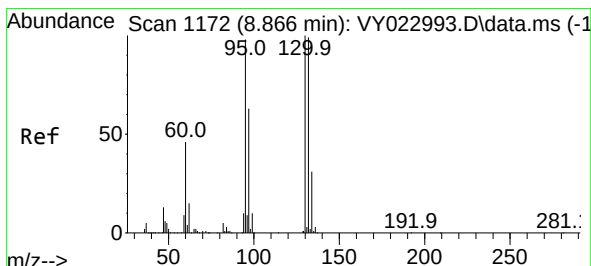
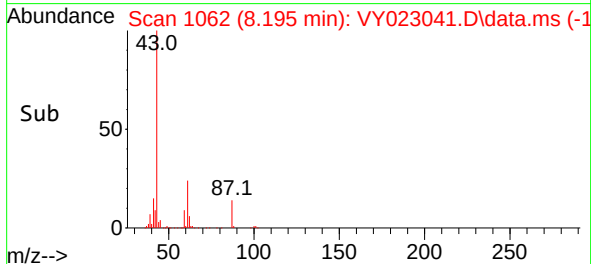
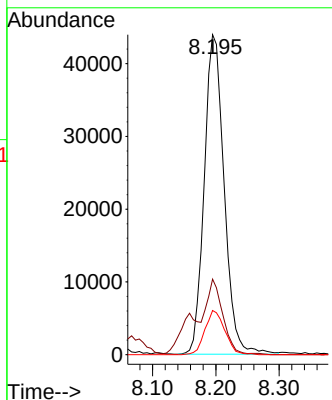
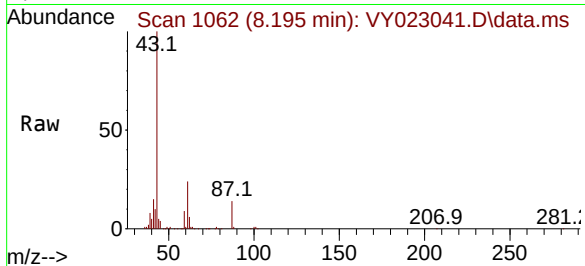




#43
Isopropyl Acetate
Concen: 21.287 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

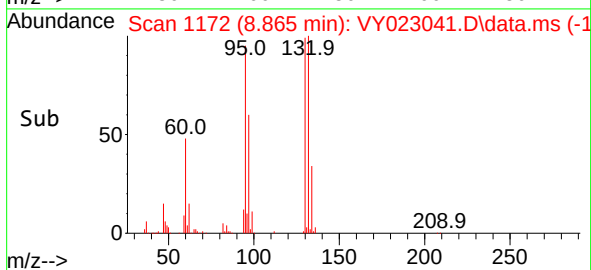
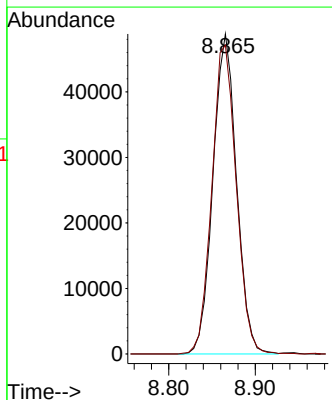
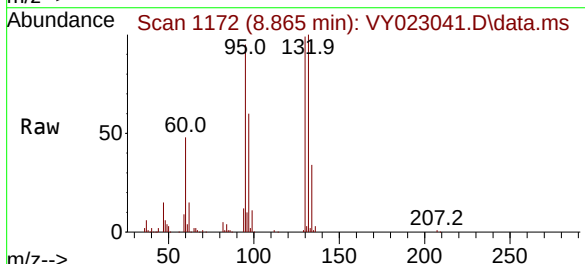
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

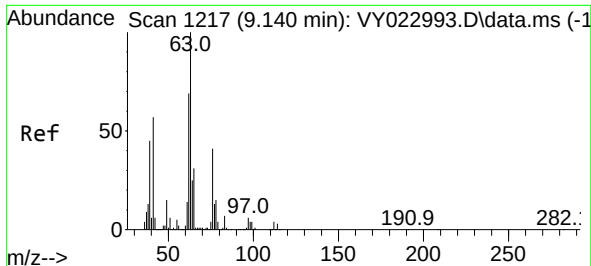
Tgt Ion: 43 Resp: 96290
Ion Ratio Lower Upper
43 100
61 19.7 25.0 37.4#
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 19.459 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion:130 Resp: 92271
Ion Ratio Lower Upper
130 100
95 96.5 0.0 195.8





#45

1,2-Dichloropropane

Concen: 20.830 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

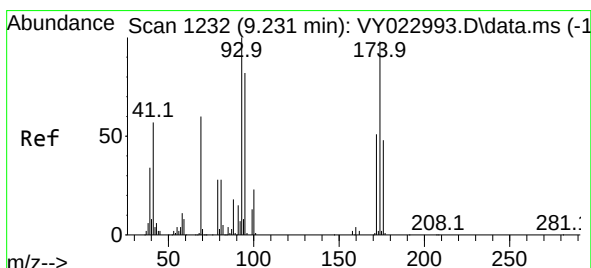
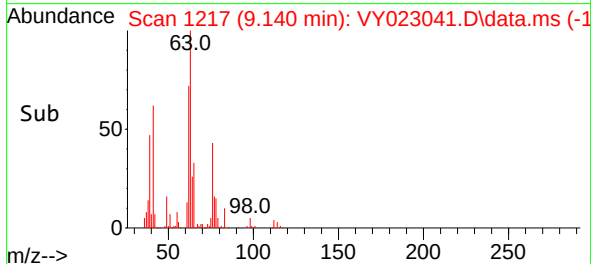
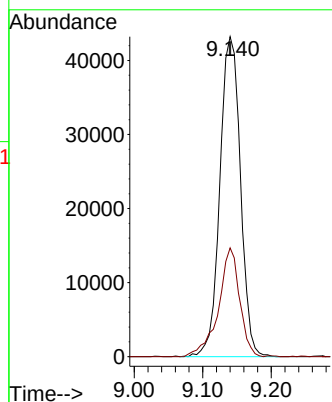
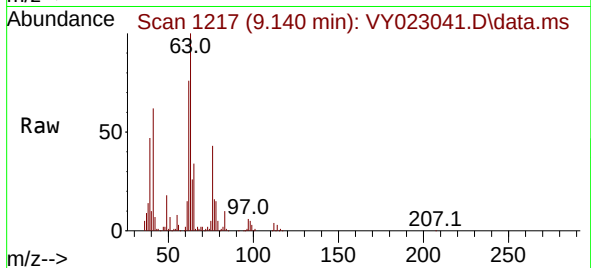
VY0722SBS01

Tgt Ion: 63 Resp: 89804

Ion Ratio Lower Upper

63 100

65 34.0 24.6 37.0



#46

Dibromomethane

Concen: 21.207 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

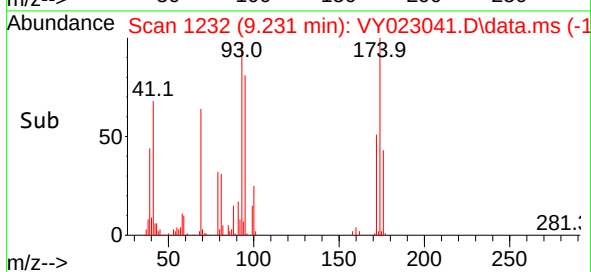
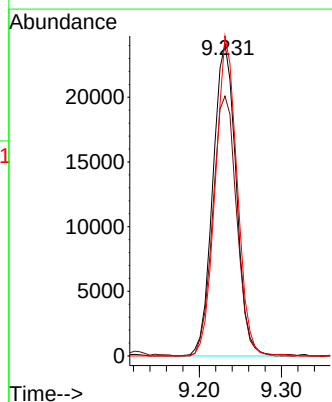
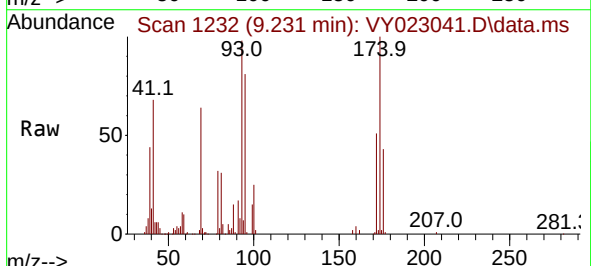
Tgt Ion: 93 Resp: 47257

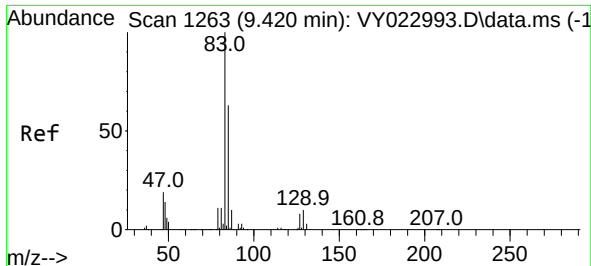
Ion Ratio Lower Upper

93 100

95 85.9 65.9 98.9

174 96.0 76.4 114.6

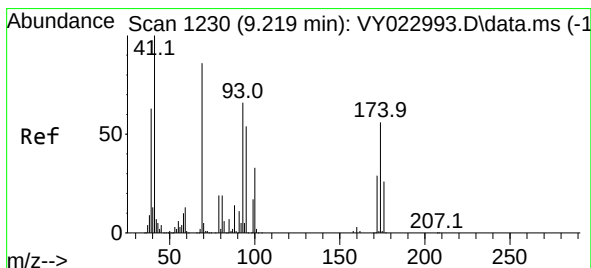
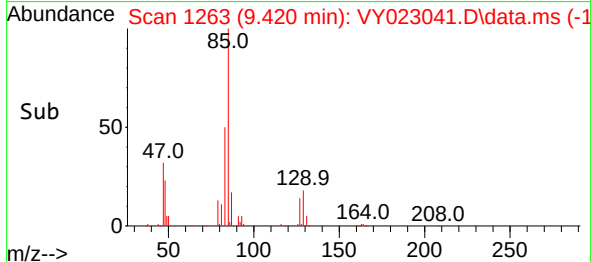
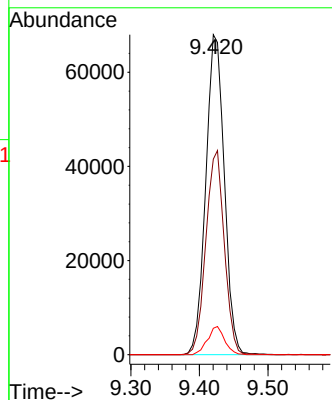
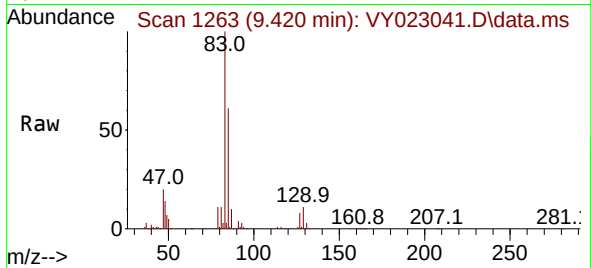




#47
Bromodichloromethane
Concen: 20.782 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

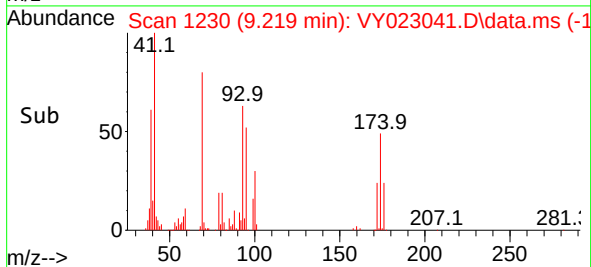
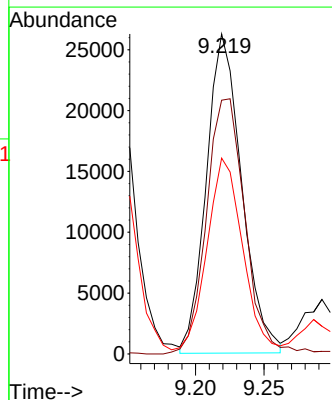
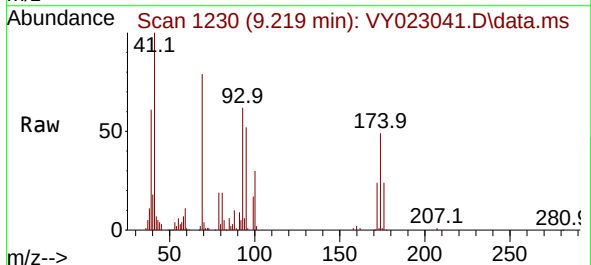
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

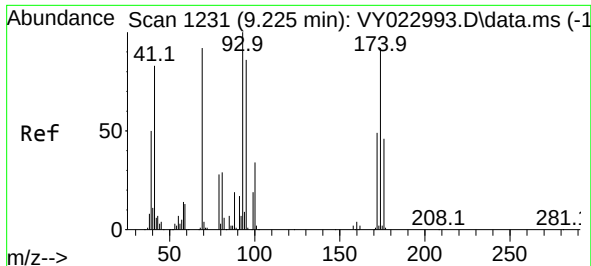
Tgt Ion: 83 Resp: 128012
Ion Ratio Lower Upper
83 100
85 61.1 50.6 75.8
127 8.3 6.5 9.7



#48
Methyl methacrylate
Concen: 21.556 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 41 Resp: 47074
Ion Ratio Lower Upper
41 100
69 87.5 71.4 107.0
39 59.8 47.8 71.8





#49

1,4-Dioxane

Concen: 426.533 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

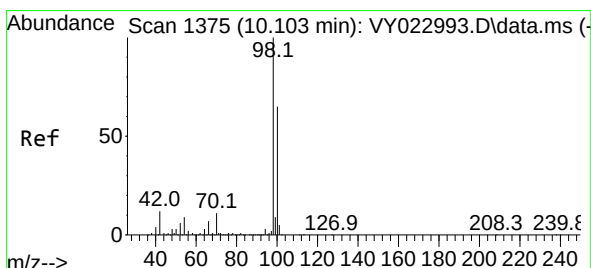
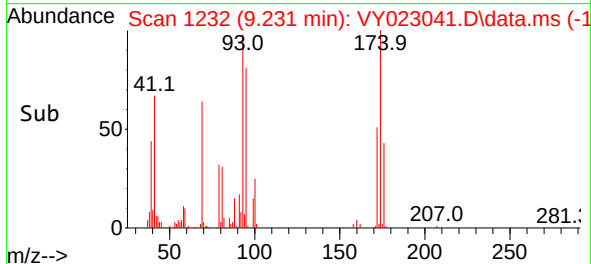
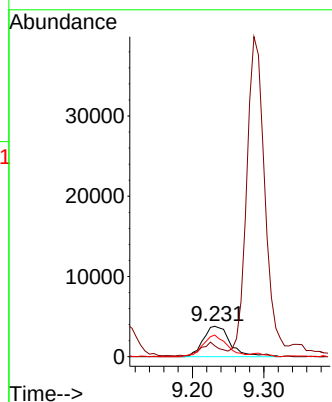
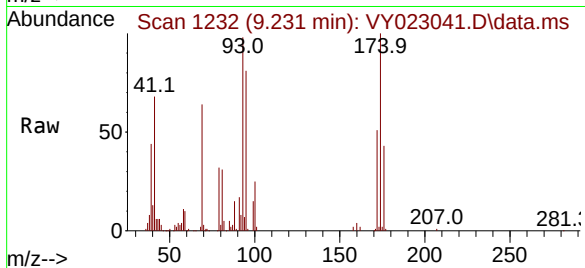
Tgt Ion: 88 Resp: 10019

Ion Ratio Lower Upper

88 100

43 30.9 28.7 43.1

58 62.8 59.8 89.6



#50

Toluene-d8

Concen: 47.668 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023041.D

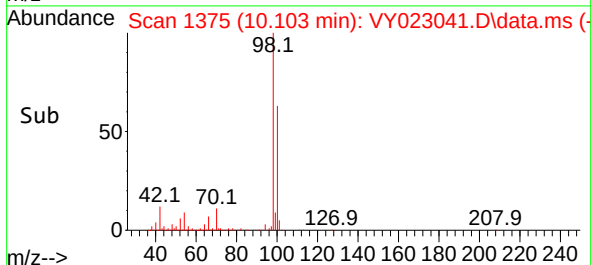
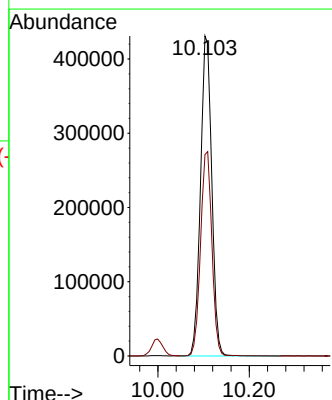
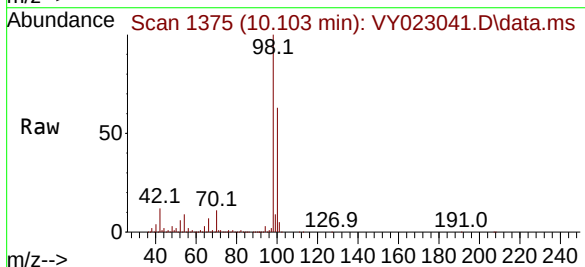
Acq: 22 Jul 2025 13:15

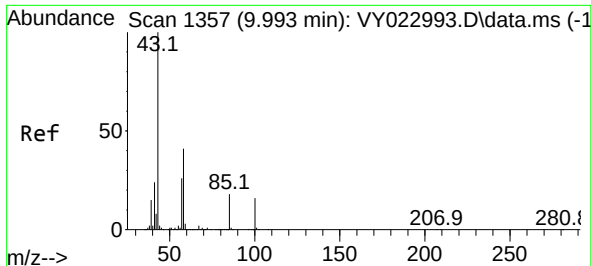
Tgt Ion: 98 Resp: 735834

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2

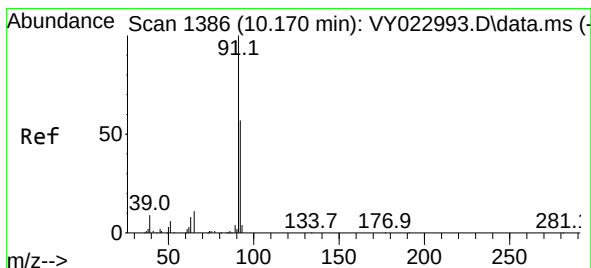
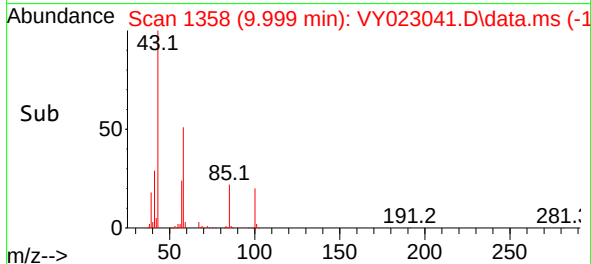
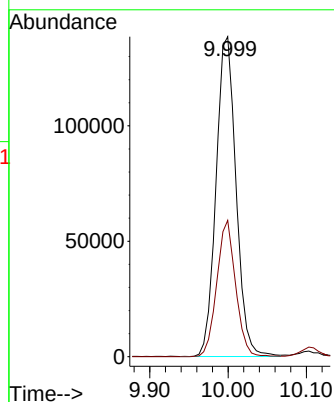
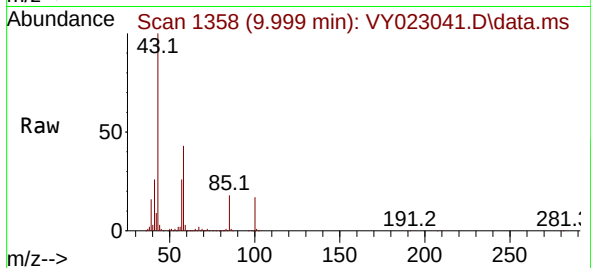




#51
4-Methyl-2-Pentanone
Concen: 107.221 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

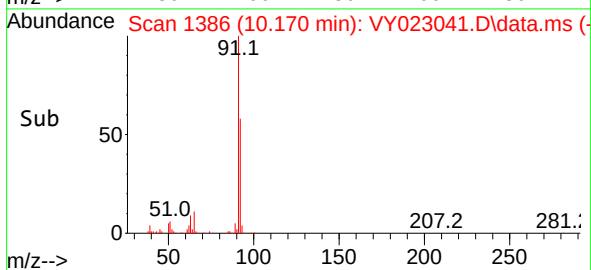
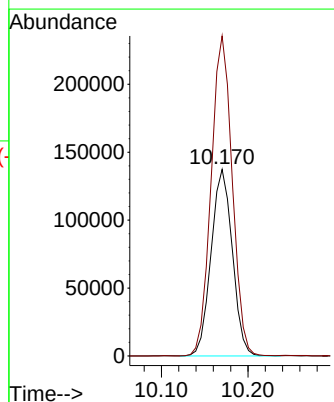
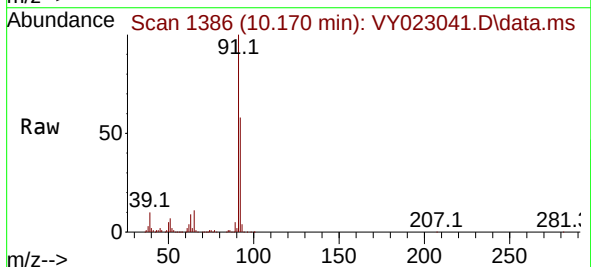
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

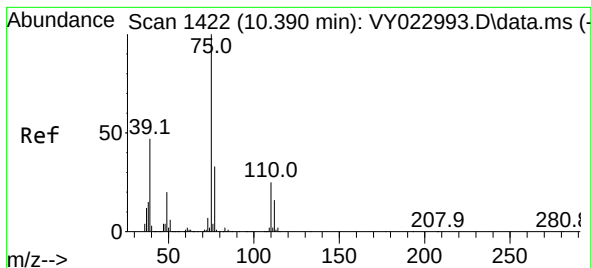
Tgt Ion: 43 Resp: 246169
Ion Ratio Lower Upper
43 100
58 40.1 32.5 48.7



#52
Toluene
Concen: 20.373 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 92 Resp: 233838
Ion Ratio Lower Upper
92 100
91 170.5 137.8 206.6

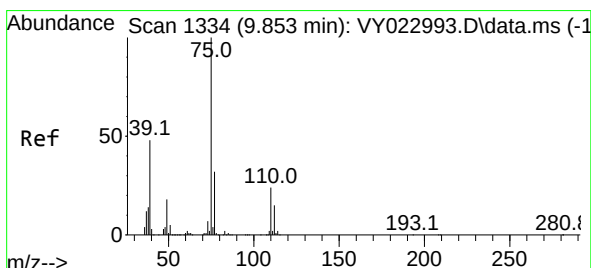
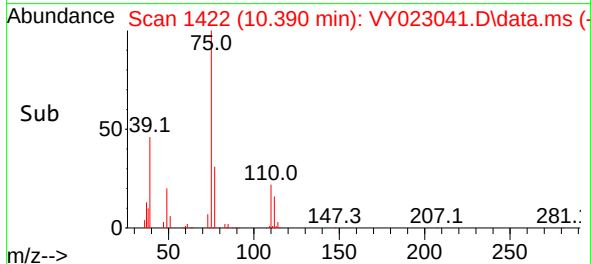
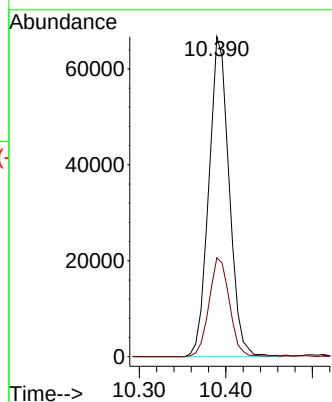
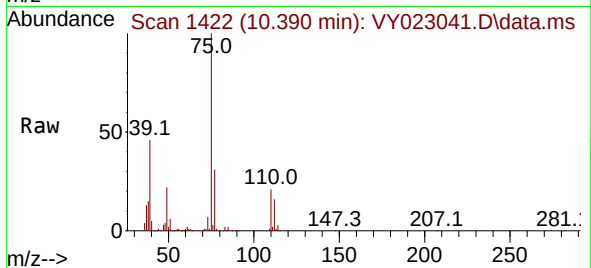




#53
 t-1,3-Dichloropropene
 Concen: 20.543 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

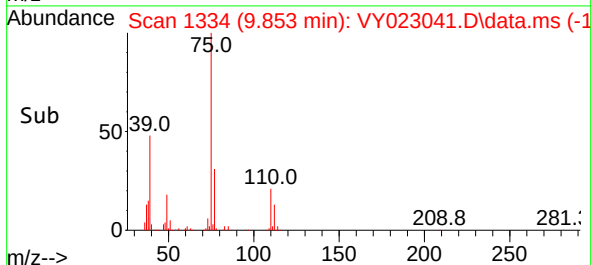
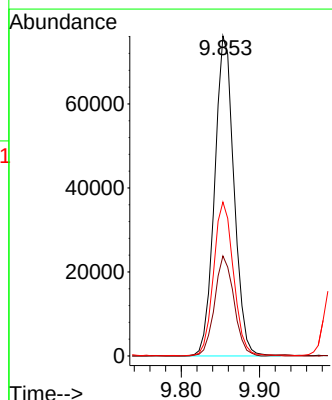
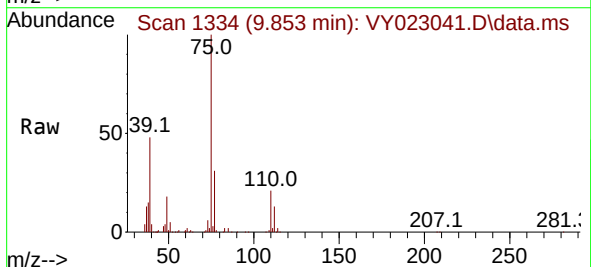
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

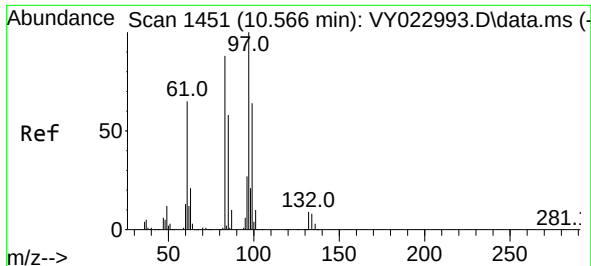
Tgt Ion: 75 Resp: 108625
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.527 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

Tgt Ion: 75 Resp: 130824
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 48.0 38.2 57.2



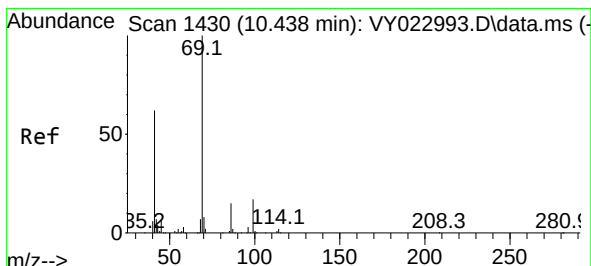
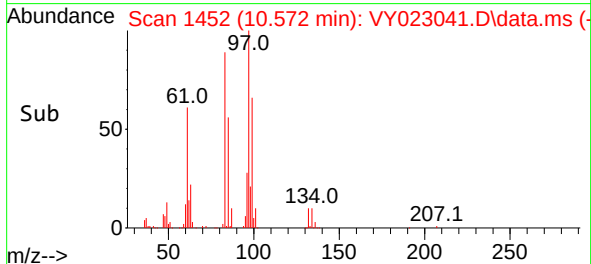
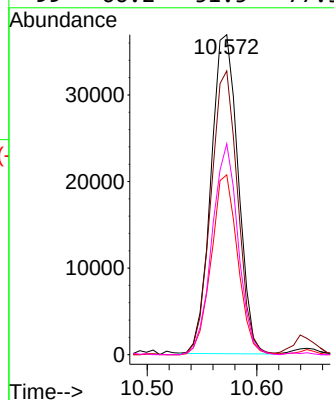
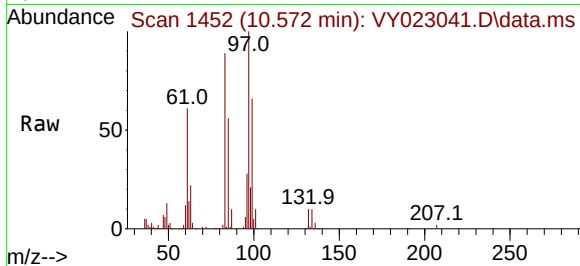


#55
1,1,2-Trichloroethane
Concen: 21.682 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tgt Ion: 97 Resp: 63504

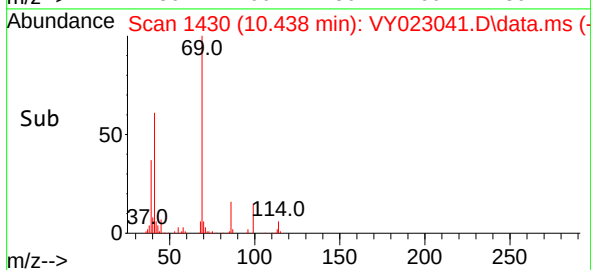
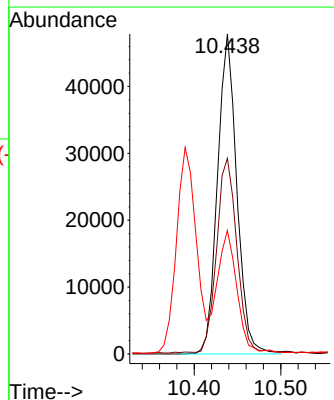
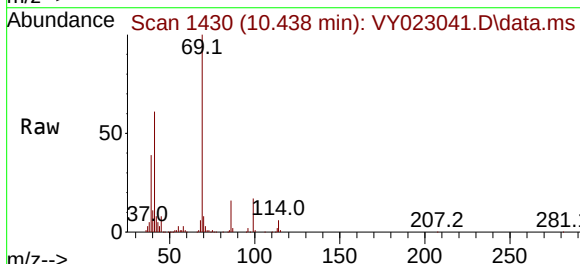
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.2	105.2
85	56.4	46.2	69.2
99	66.2	51.5	77.3

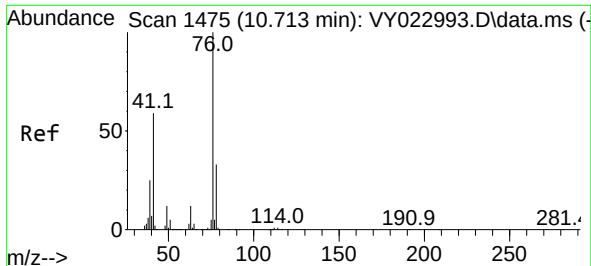


#56
Ethyl methacrylate
Concen: 20.268 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 69 Resp: 74103

Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.0	76.4
39	39.1	30.6	46.0





#57

1,3-Dichloropropane

Concen: 21.359 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

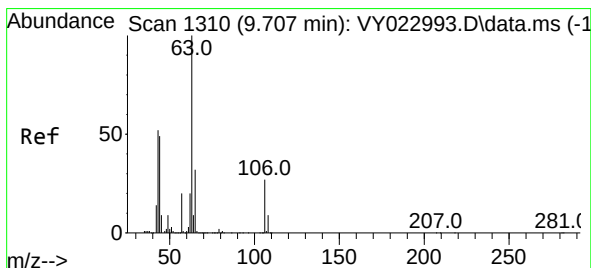
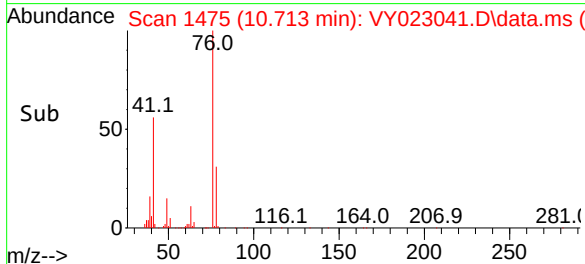
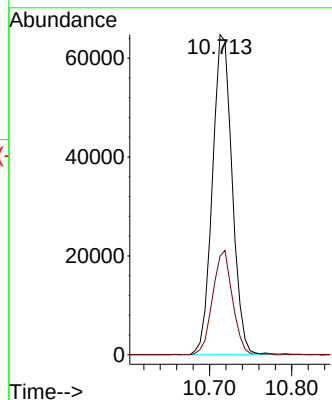
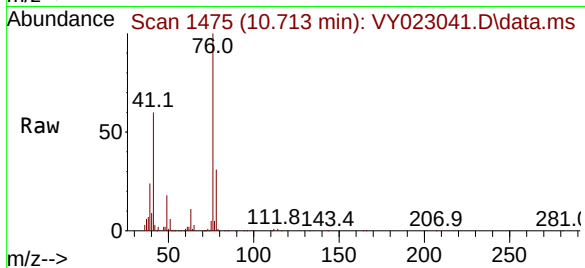
VY0722SBS01

Tgt Ion: 76 Resp: 108066

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.362 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023041.D

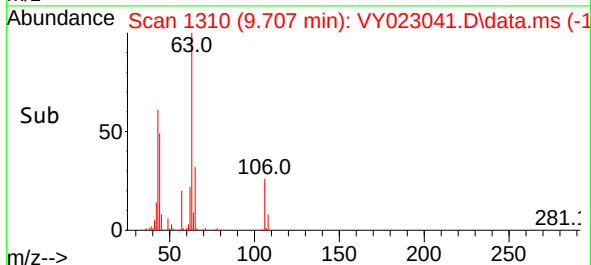
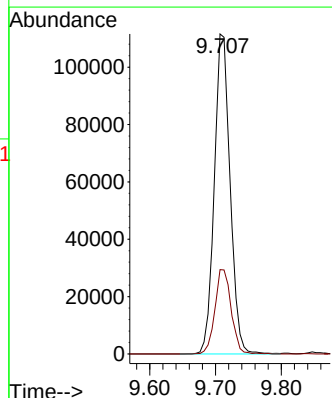
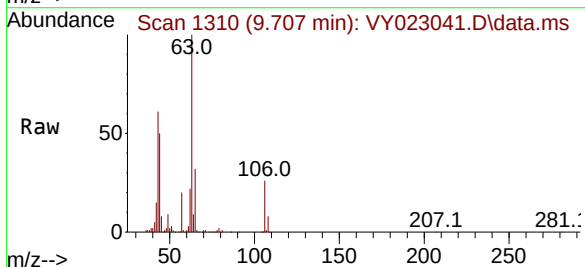
Acq: 22 Jul 2025 13:15

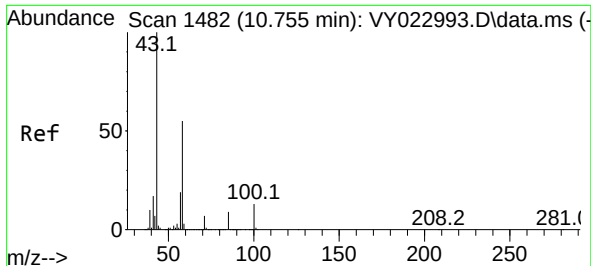
Tgt Ion: 63 Resp: 186783

Ion Ratio Lower Upper

63 100

106 27.1 22.6 33.8





#59

2-Hexanone

Concen: 104.848 ug/l

RT: 10.761 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

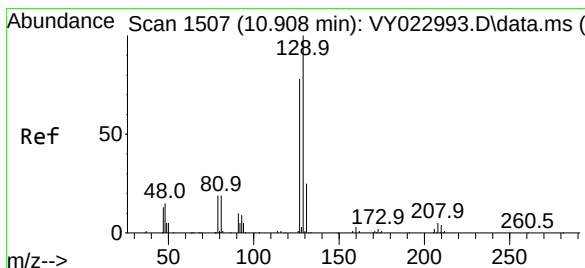
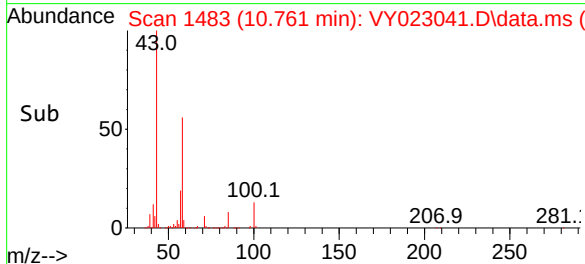
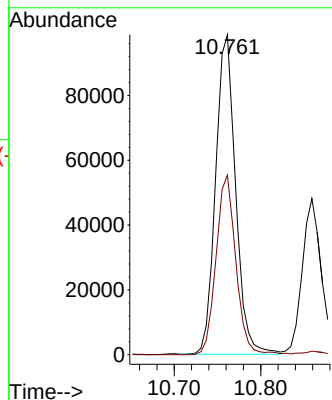
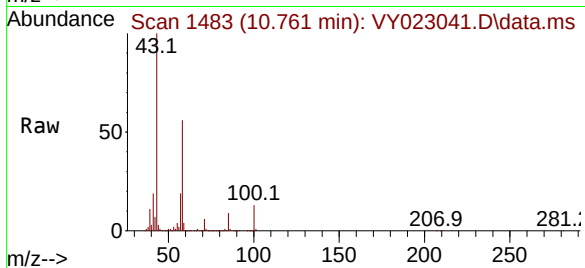
VY0722SBS01

Tgt Ion: 43 Resp: 158231

Ion Ratio Lower Upper

43 100

58 55.6 28.1 84.3



#60

Dibromochloromethane

Concen: 20.964 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VY023041.D

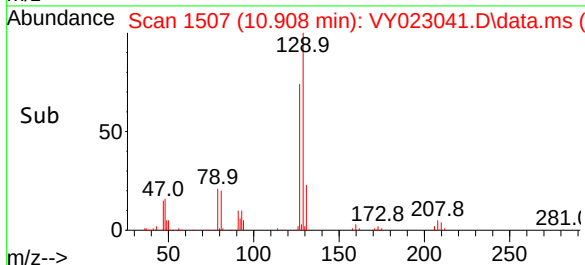
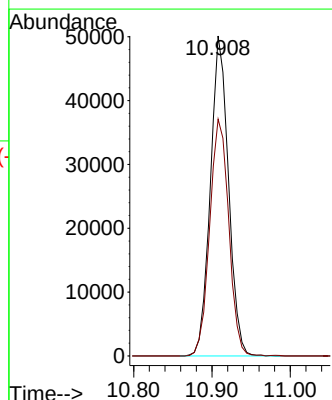
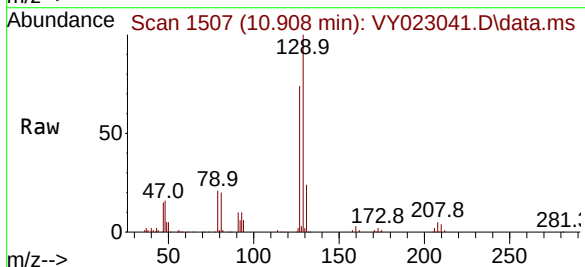
Acq: 22 Jul 2025 13:15

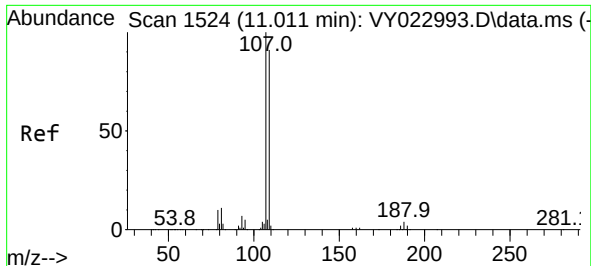
Tgt Ion:129 Resp: 80404

Ion Ratio Lower Upper

129 100

127 77.8 38.7 116.1

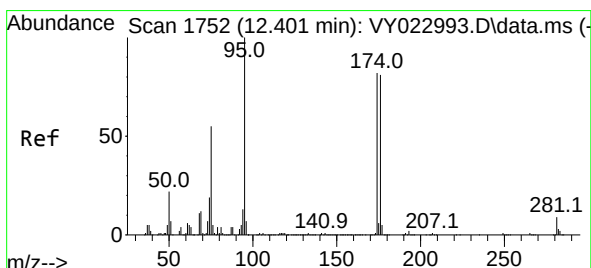
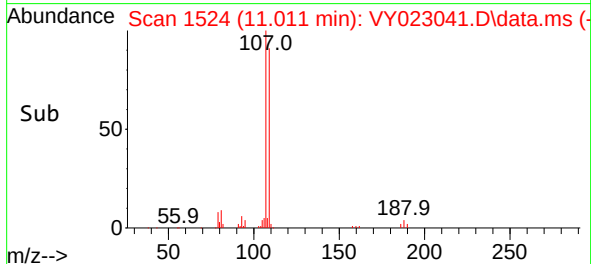
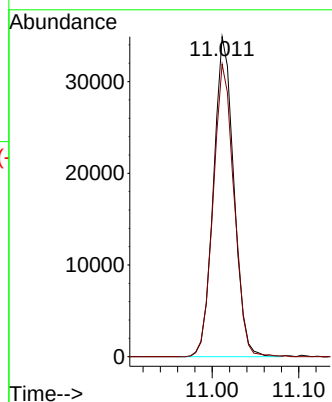
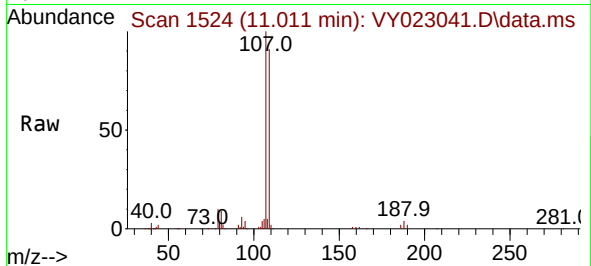




#61
1,2-Dibromoethane
Concen: 21.338 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

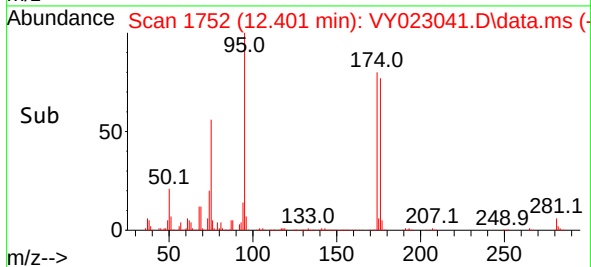
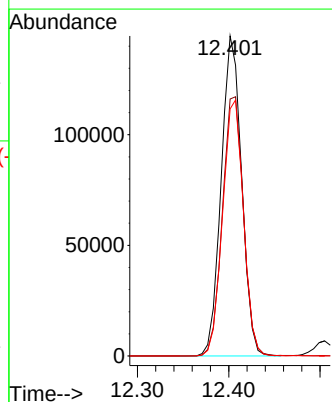
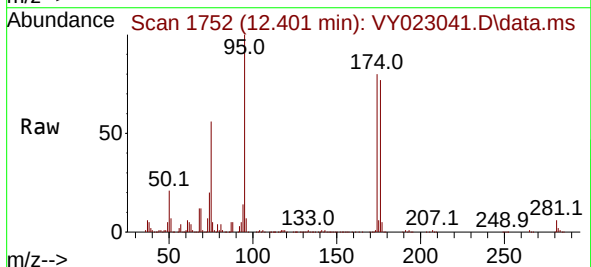
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

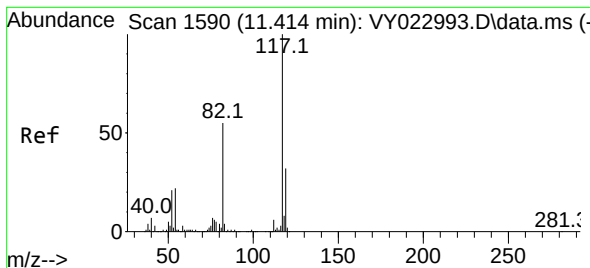
Tgt Ion:107 Resp: 56754
Ion Ratio Lower Upper
107 100
109 94.0 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 46.246 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 95 Resp: 224716
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.8
176 81.6 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

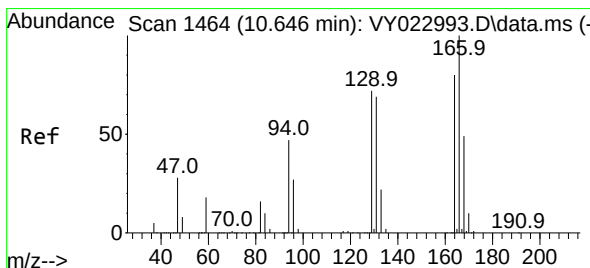
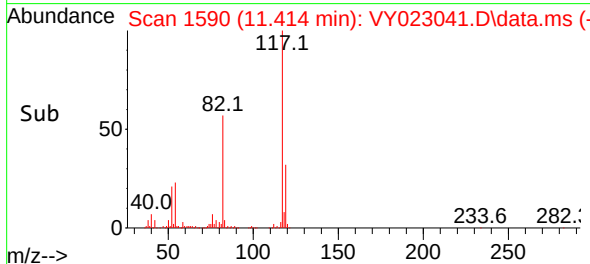
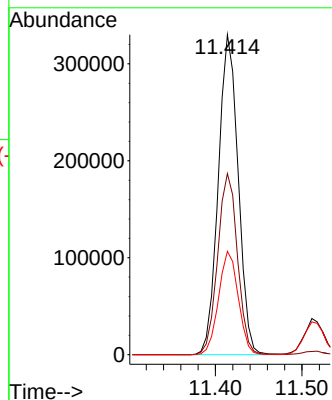
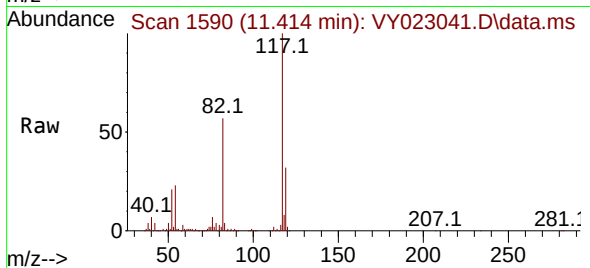
Tgt Ion:117 Resp: 526729

Ion Ratio Lower Upper

117 100

82 56.6 44.3 66.5

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 19.859 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Tgt Ion:164 Resp: 106921

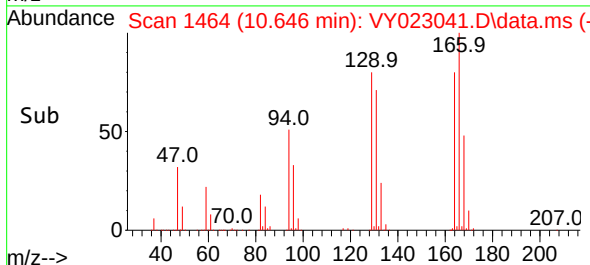
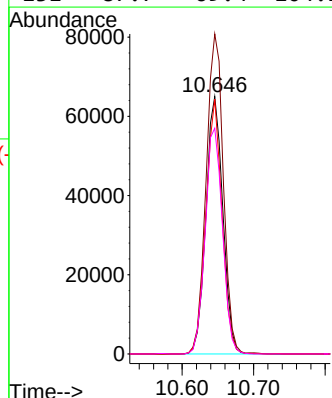
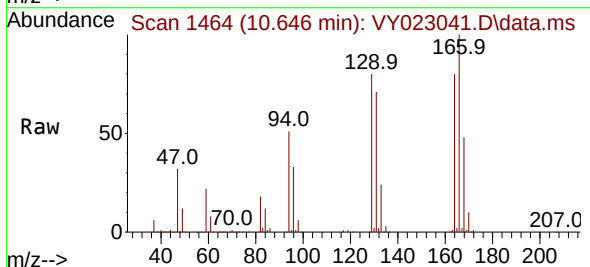
Ion Ratio Lower Upper

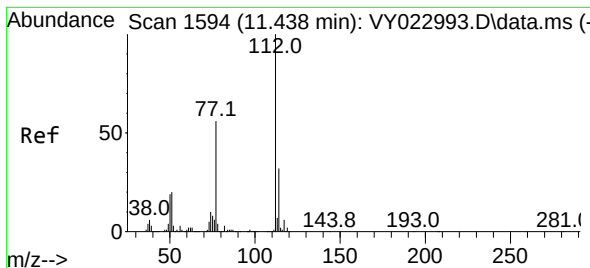
164 100

166 124.3 100.2 150.2

129 99.0 71.7 107.5

131 87.7 69.4 104.2





#65

Chlorobenzene

Concen: 19.515 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

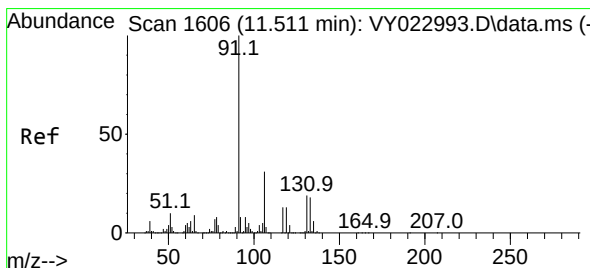
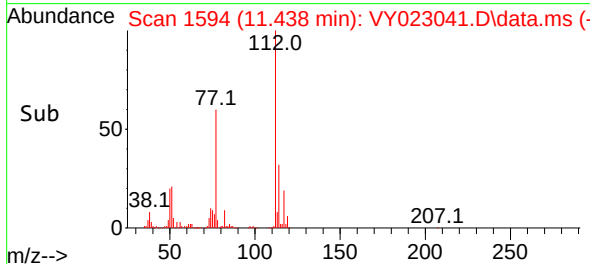
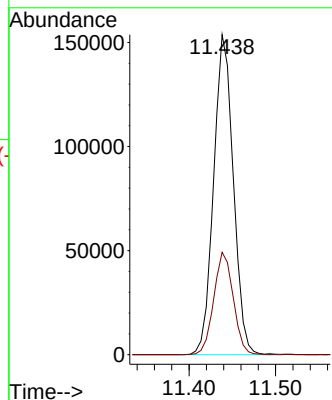
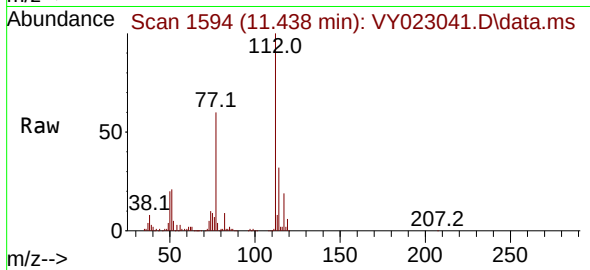
VY0722SBS01

Tgt Ion:112 Resp: 242556

Ion Ratio Lower Upper

112 100

114 32.0 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.665 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

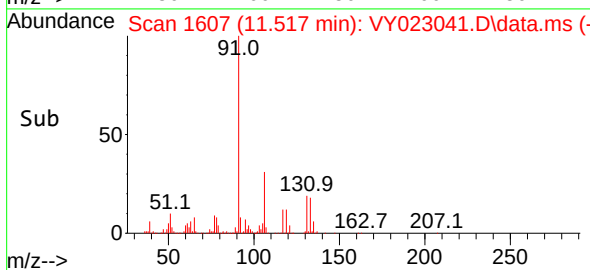
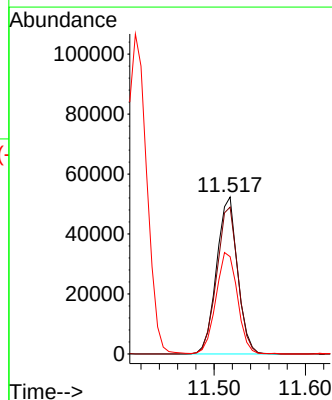
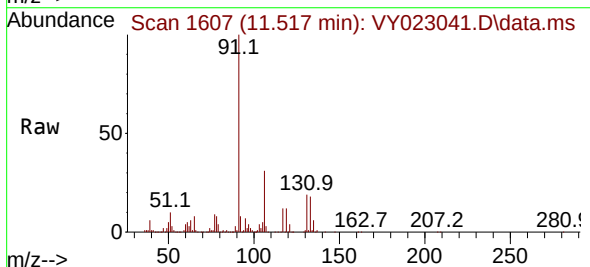
Tgt Ion:131 Resp: 83368

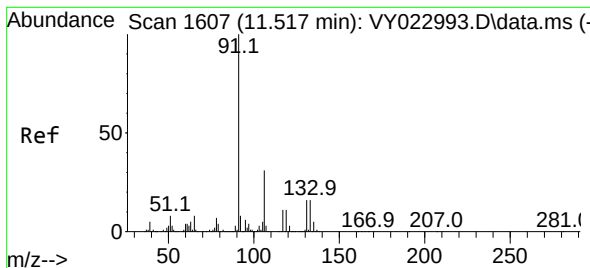
Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

119 66.6 33.3 99.8

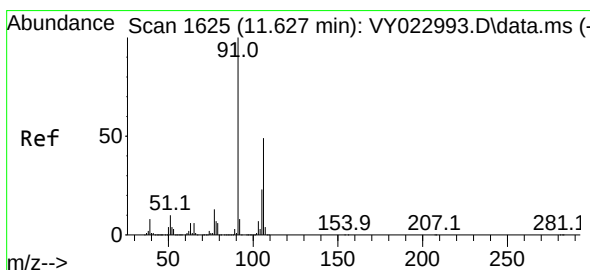
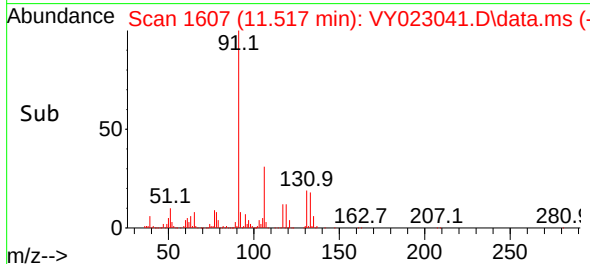
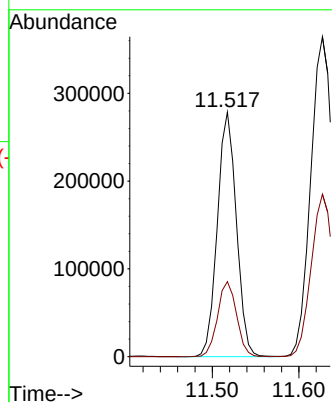
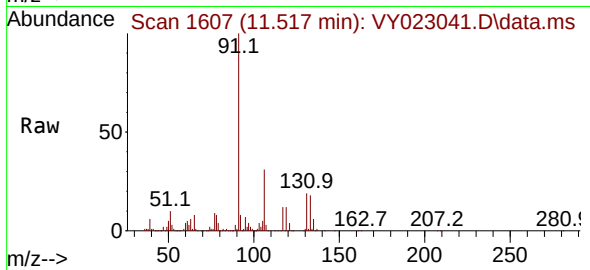




#67
Ethyl Benzene
Concen: 19.288 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

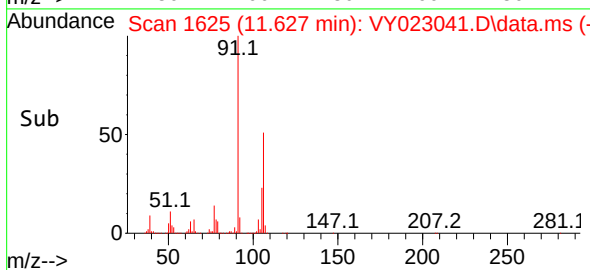
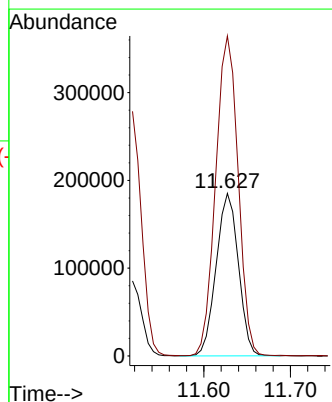
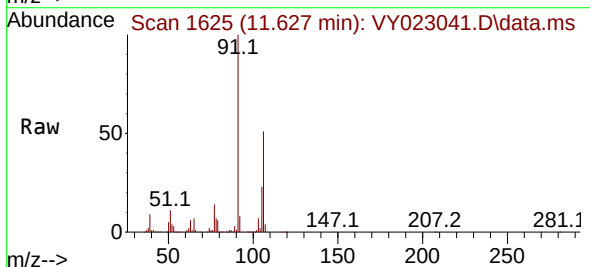
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

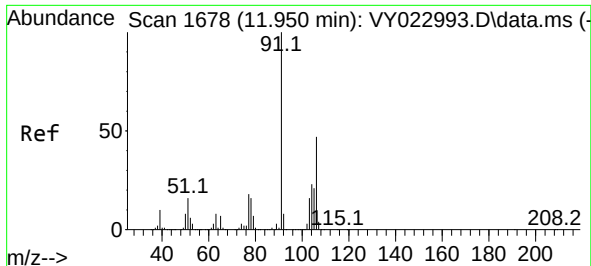
Tgt Ion: 91 Resp: 424937
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 39.067 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion:106 Resp: 330122
Ion Ratio Lower Upper
106 100
91 199.0 159.8 239.8

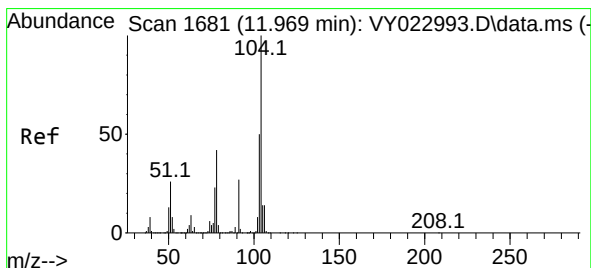
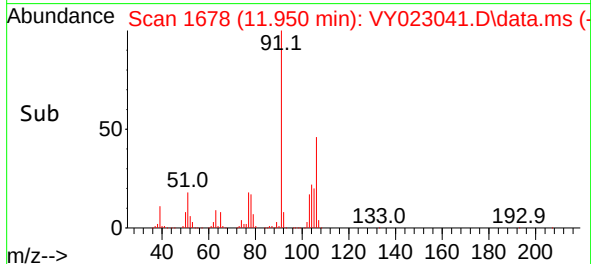
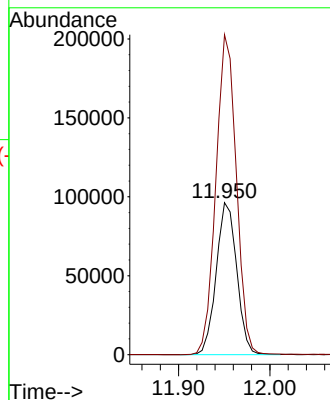
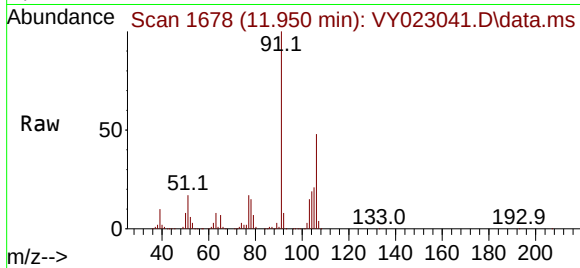




#69
o-Xylene
Concen: 19.171 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

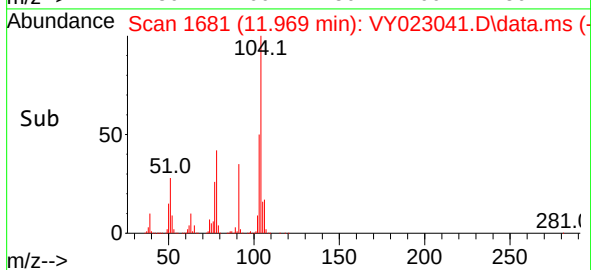
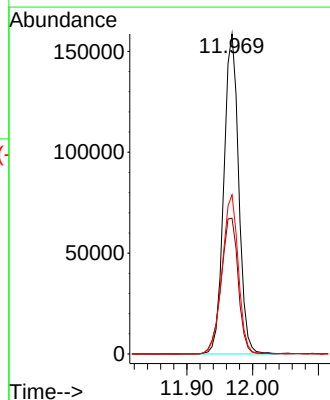
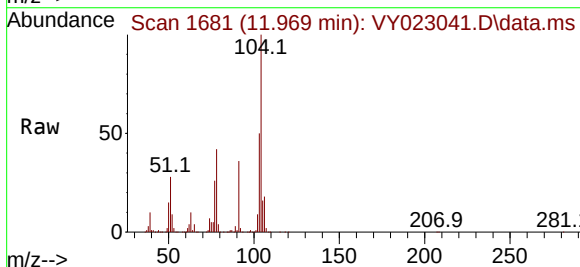
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

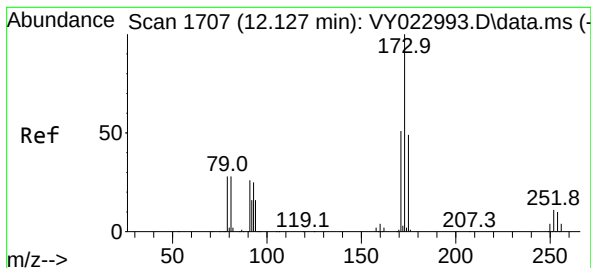
Tgt Ion:106 Resp: 150342
Ion Ratio Lower Upper
106 100
91 210.0 106.3 318.8



#70
Styrene
Concen: 19.438 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion:104 Resp: 249690
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.6
103 54.2 43.7 65.5





#71

Bromoform

Concen: 20.596 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

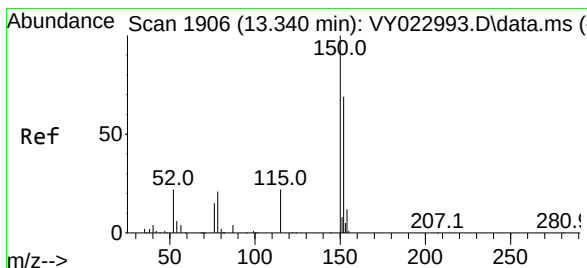
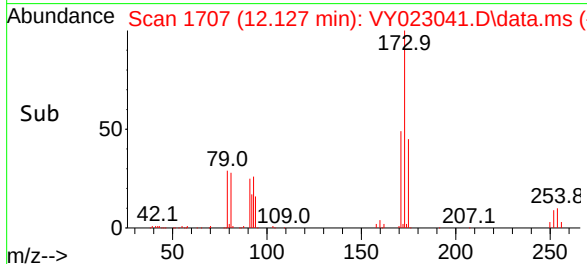
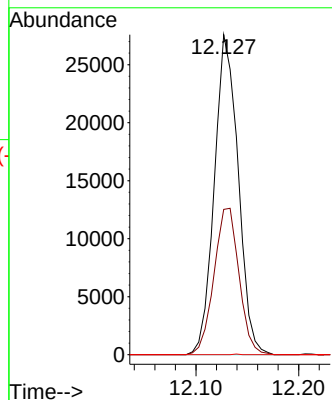
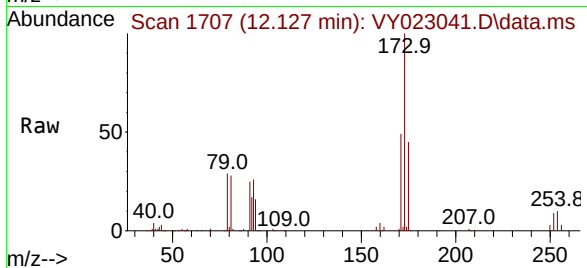
Tgt Ion:173 Resp: 44325

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

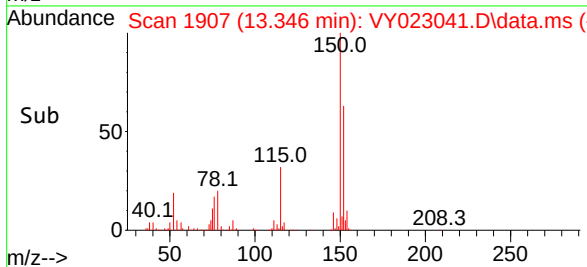
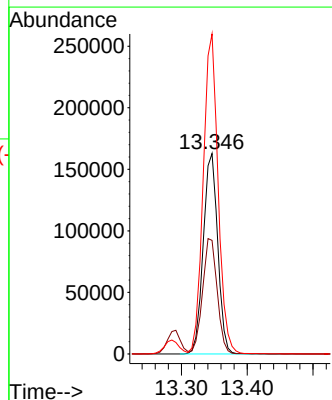
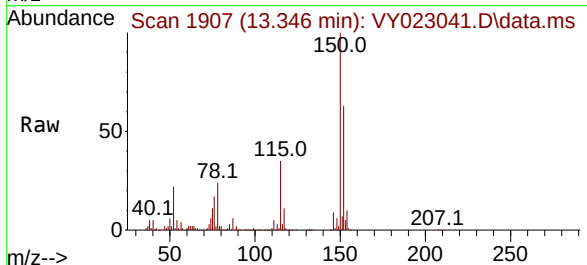
Tgt Ion:152 Resp: 248731

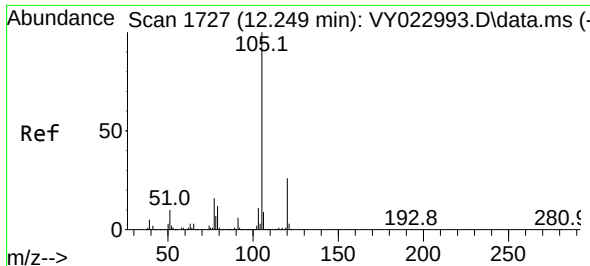
Ion Ratio Lower Upper

152 100

115 58.1 29.4 88.2

150 164.1 0.0 350.0

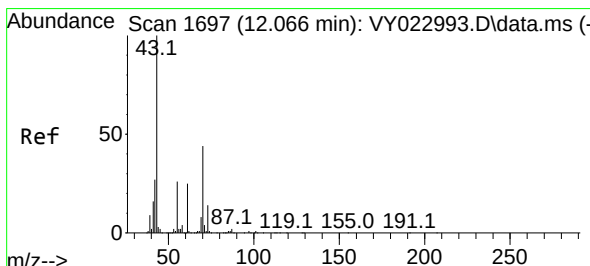
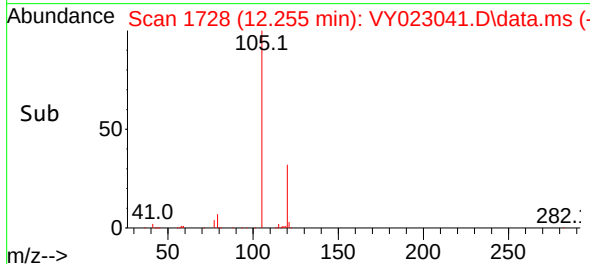
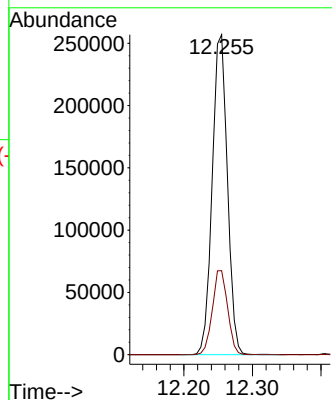
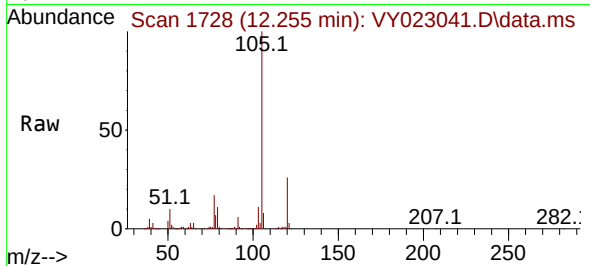




#73
Isopropylbenzene
Concen: 18.701 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

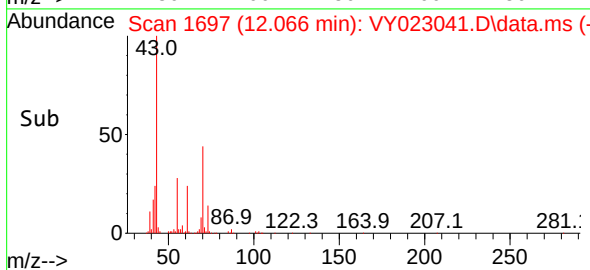
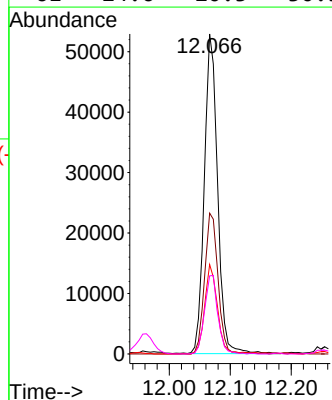
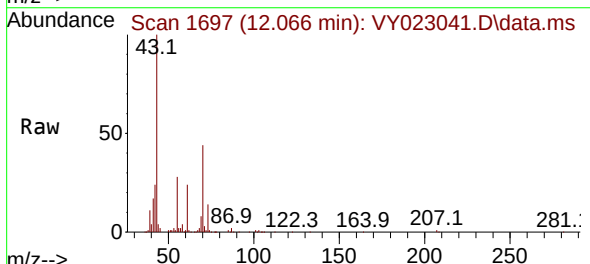
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

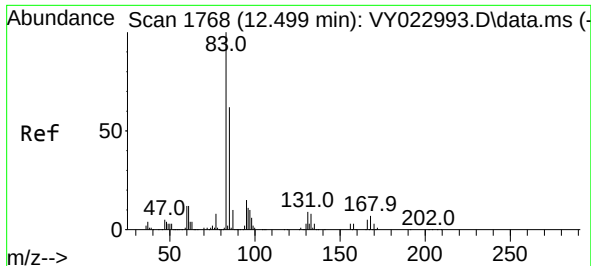
Tgt Ion:105 Resp: 394370
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 20.136 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 43 Resp: 80058
Ion Ratio Lower Upper
43 100
70 44.5 36.2 54.2
55 27.2 20.9 31.3
61 24.6 20.3 30.5

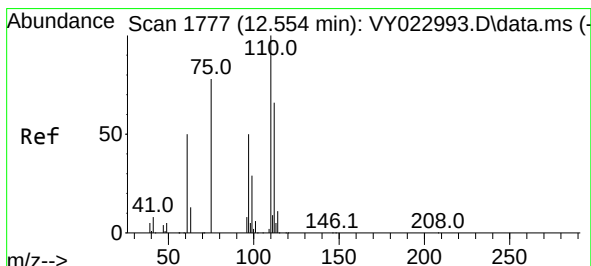
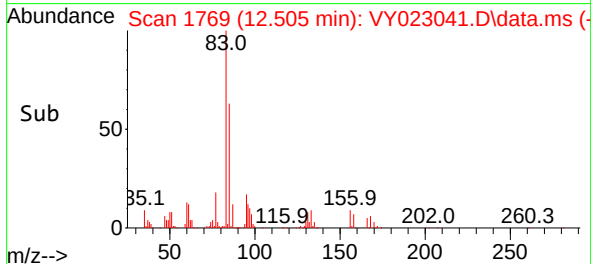
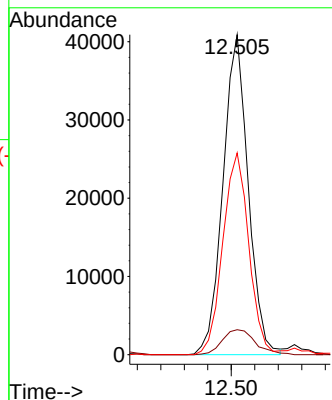
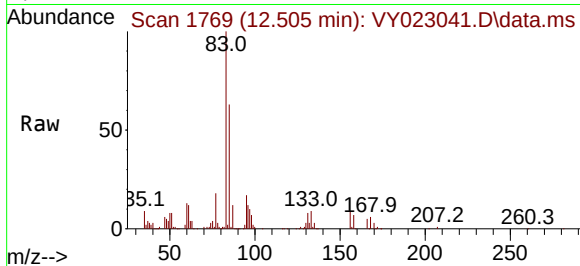




#75
1,1,2,2-Tetrachloroethane
Concen: 19.993 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

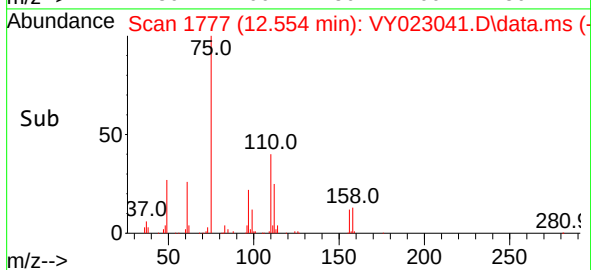
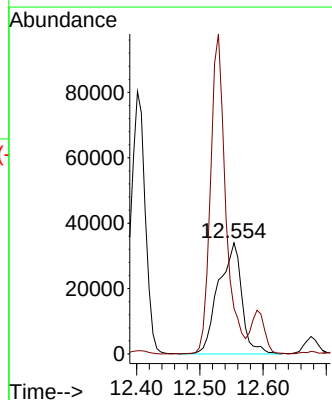
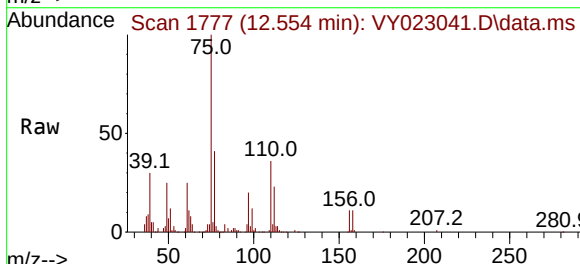
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

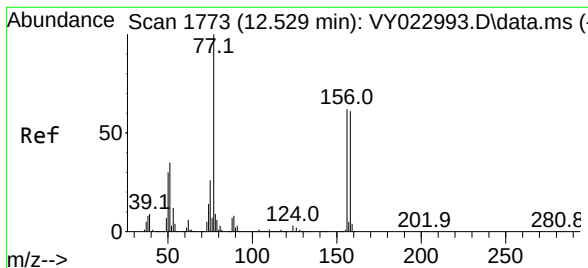
Tgt Ion: 83 Resp: 61012
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.4
85 65.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 28.190 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 75 Resp: 87373
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.346 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

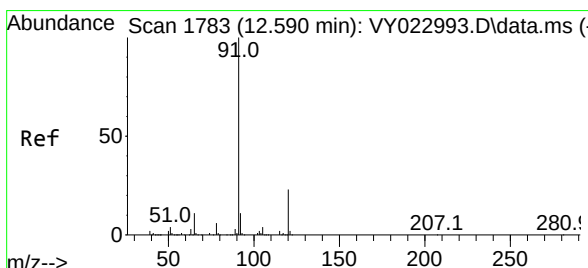
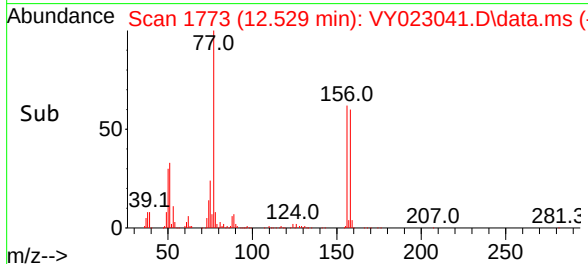
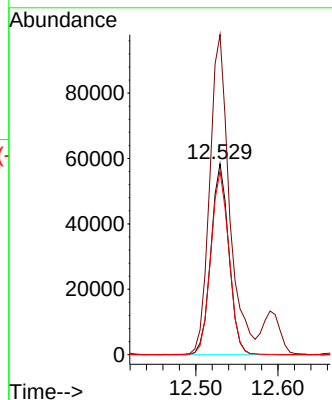
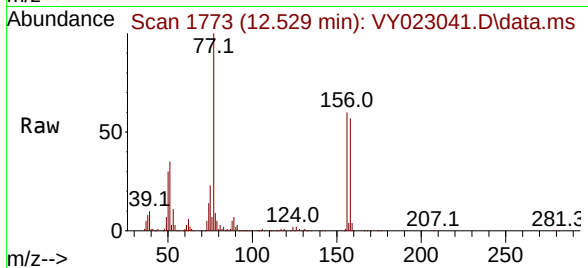
Tgt Ion:156 Resp: 88481

Ion Ratio Lower Upper

156 100

77 185.5 92.0 276.1

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 19.258 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023041.D

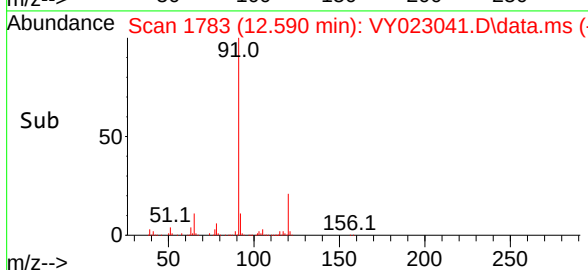
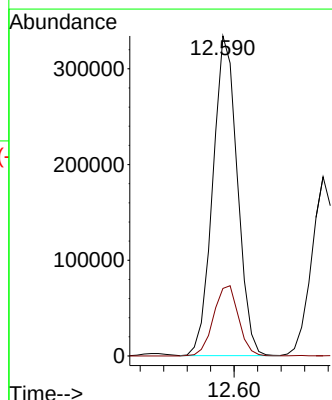
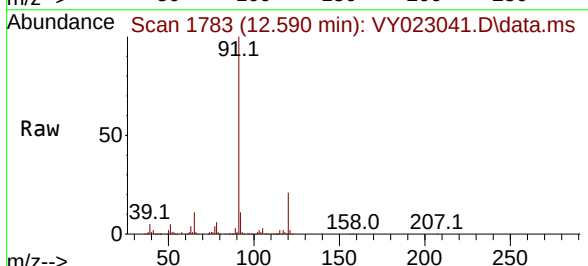
Acq: 22 Jul 2025 13:15

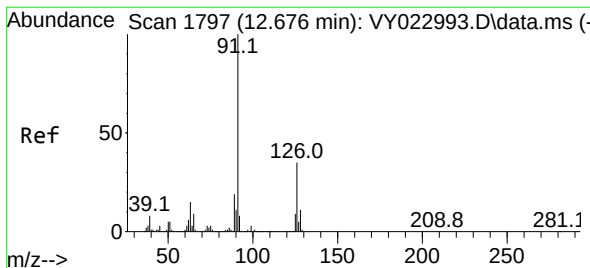
Tgt Ion: 91 Resp: 483609

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.8

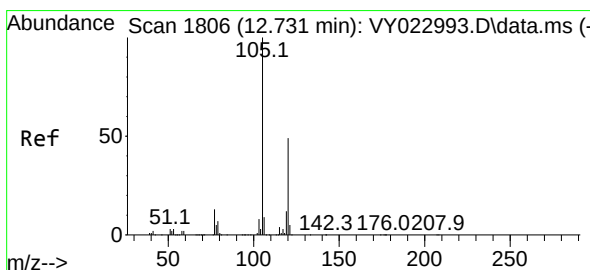
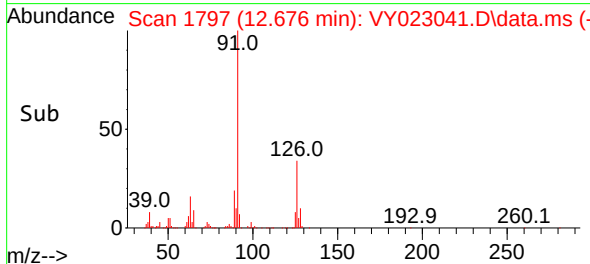
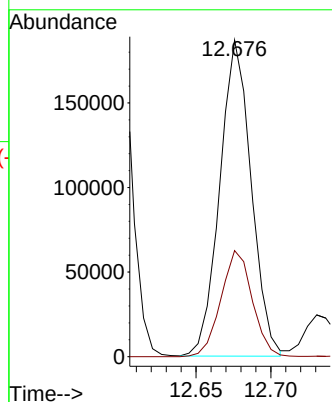
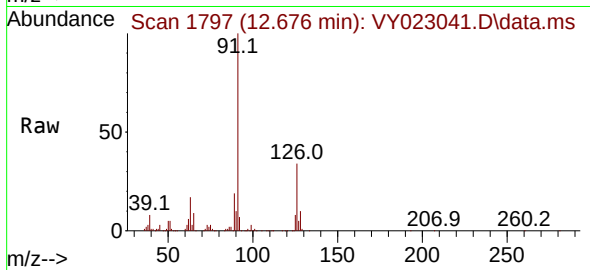




#79
2-Chlorotoluene
Concen: 19.351 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

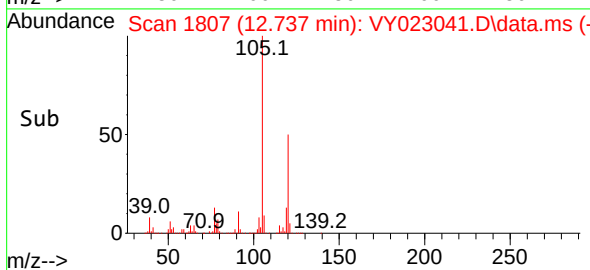
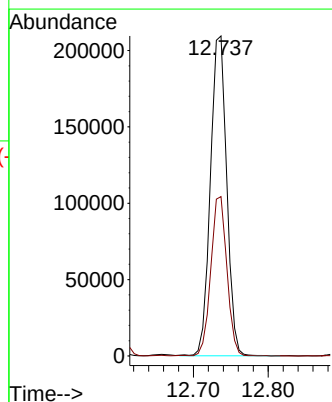
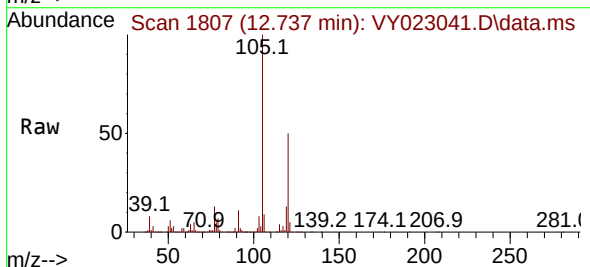
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

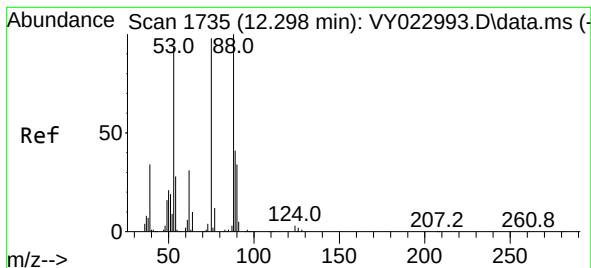
Tgt Ion: 91 Resp: 273314
Ion Ratio Lower Upper
91 100
126 33.5 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 19.093 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 105 Resp: 317558
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.8

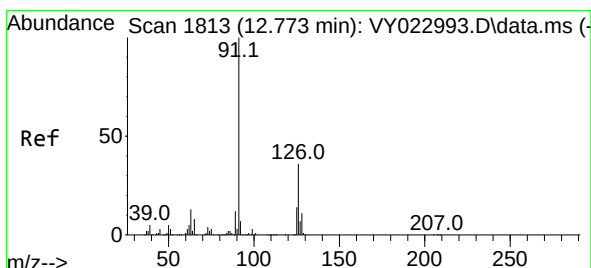
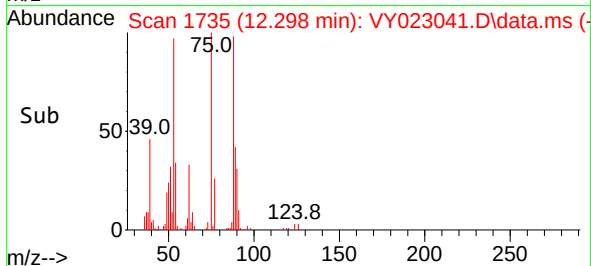
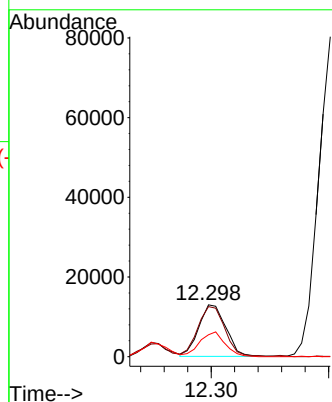
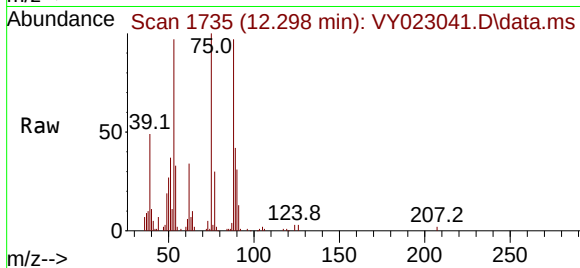




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.823 ug/l
 RT: 12.298 min Scan# 1735
 Delta R.T. -0.000 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

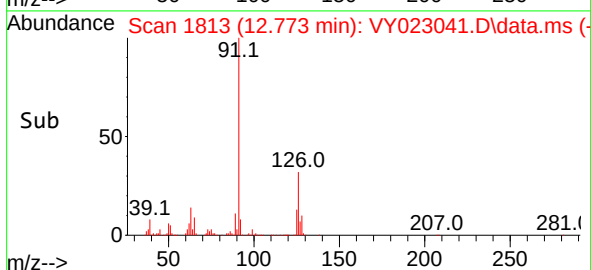
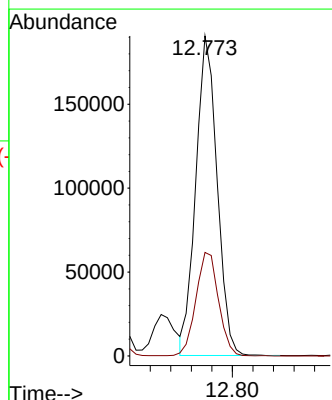
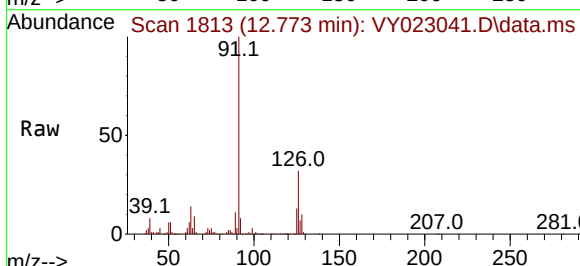
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

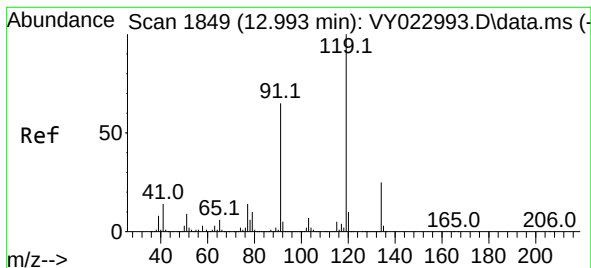
Tgt Ion: 75 Resp: 20628
 Ion Ratio Lower Upper
 75 100
 53 96.6 76.1 114.1
 89 45.3 36.1 54.1



#82
 4-Chlorotoluene
 Concen: 19.256 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

Tgt Ion: 91 Resp: 274300
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.2 51.5





#83

tert-Butylbenzene

Concen: 19.267 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

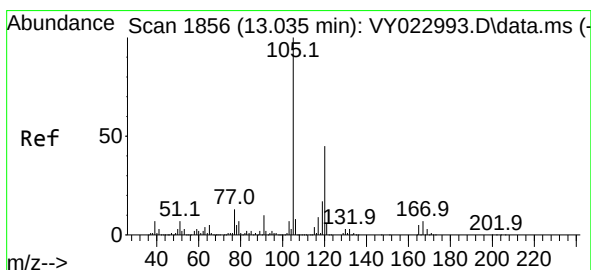
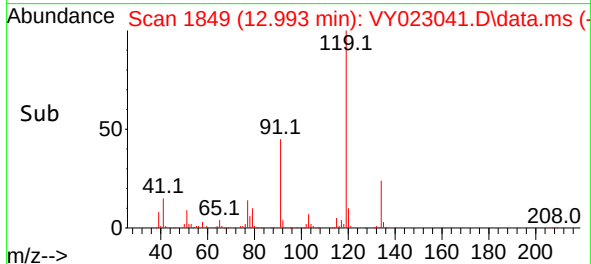
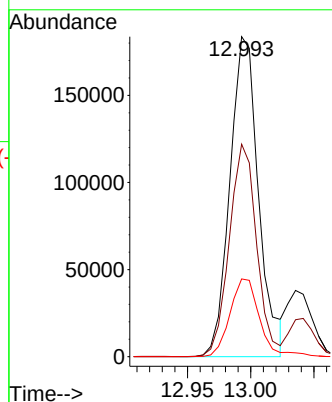
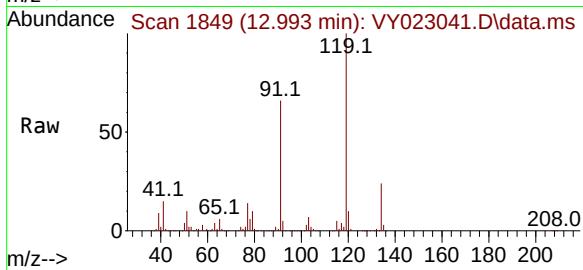
Tgt Ion:119 Resp: 289452

Ion Ratio Lower Upper

119 100

91 63.4 32.0 96.2

134 25.2 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 19.204 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023041.D

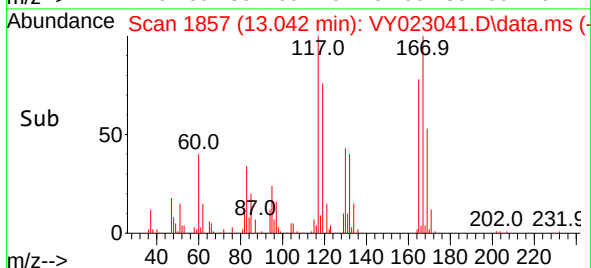
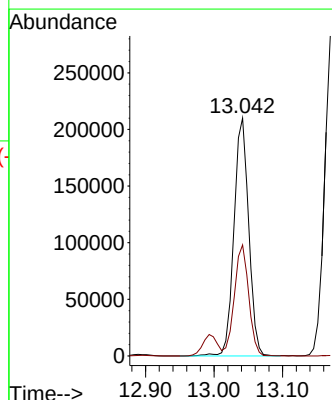
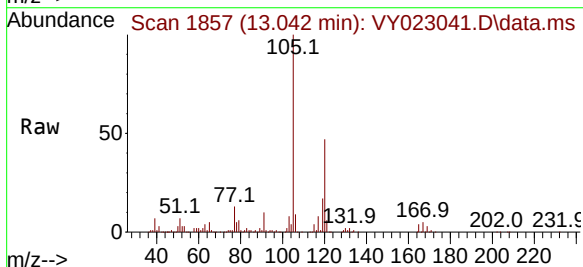
Acq: 22 Jul 2025 13:15

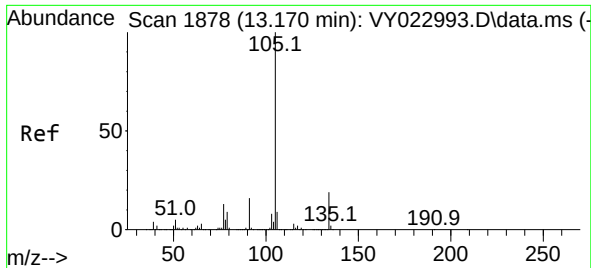
Tgt Ion:105 Resp: 314405

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.8

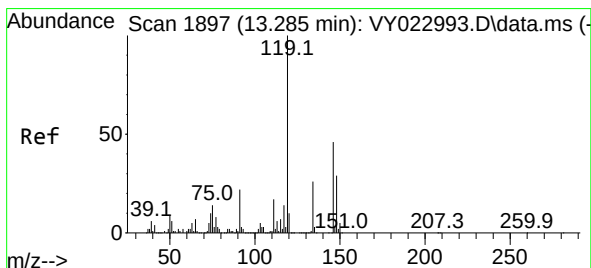
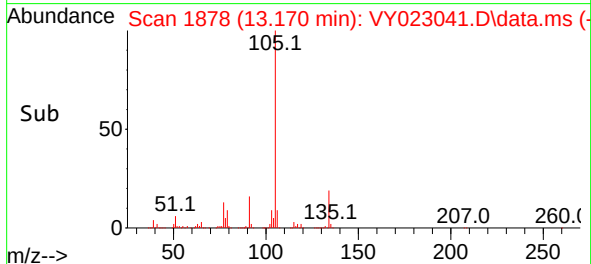
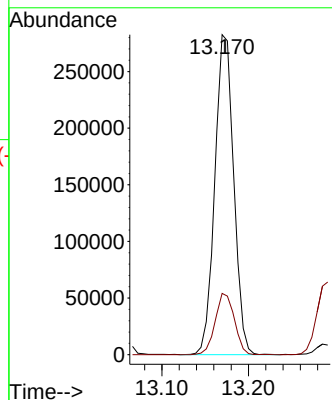
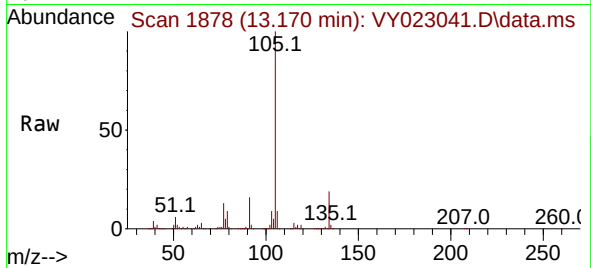




#85
 sec-Butylbenzene
 Concen: 19.015 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

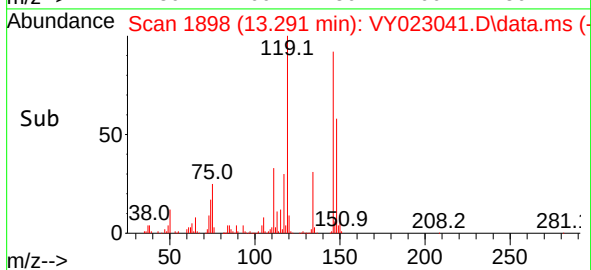
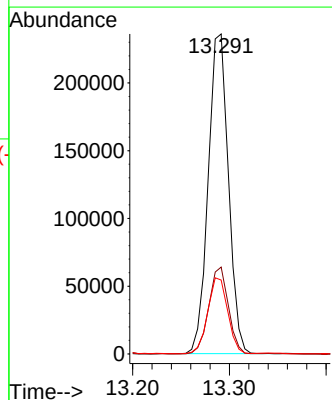
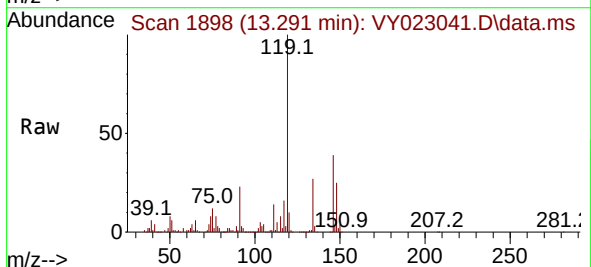
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

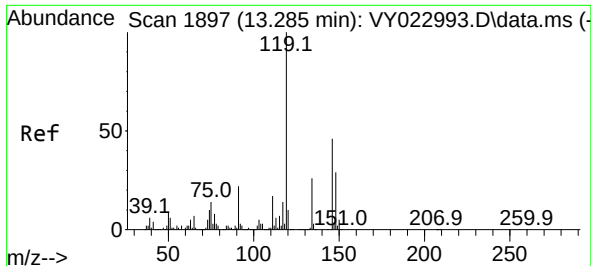
Tgt Ion:105 Resp: 428098
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 18.771 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

Tgt Ion:119 Resp: 343222
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.5 11.4 34.1

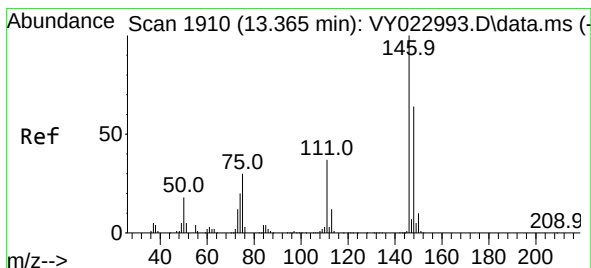
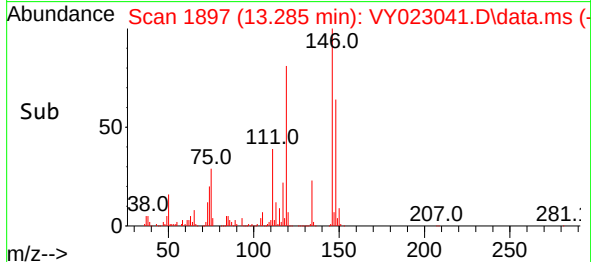
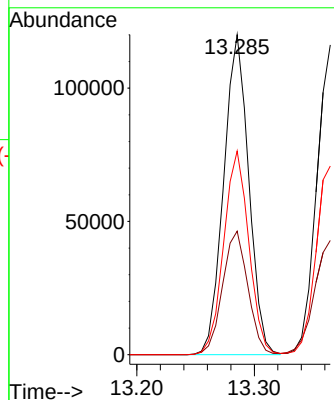
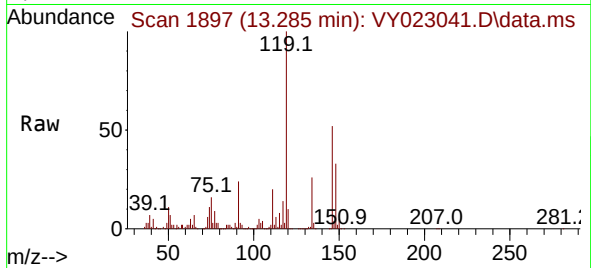




#87
 1,3-Dichlorobenzene
 Concen: 19.280 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

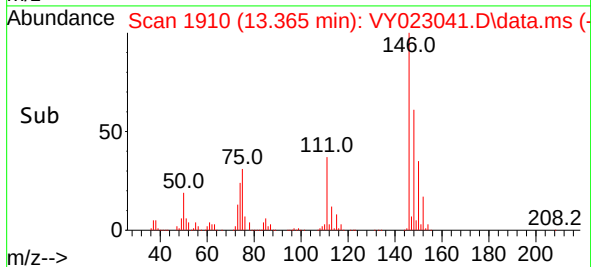
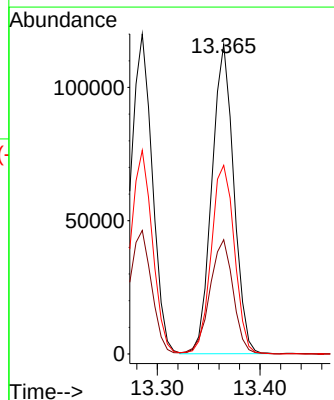
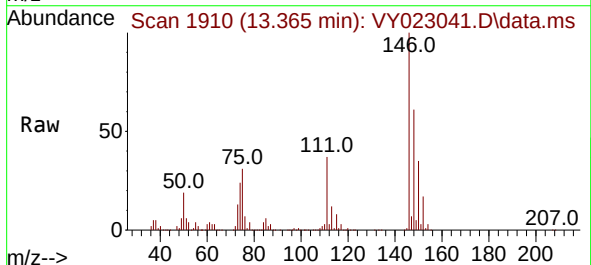
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

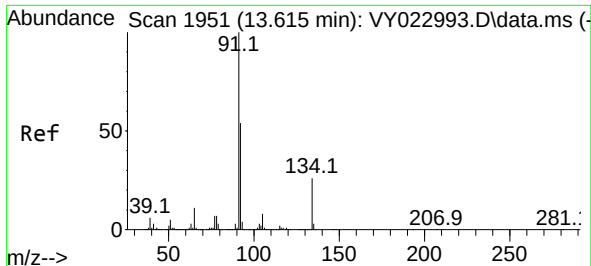
Tgt Ion:146 Resp: 177956
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.8 59.3
 148 64.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.260 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

Tgt Ion:146 Resp: 171979
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.2 57.6
 148 64.6 31.9 95.5

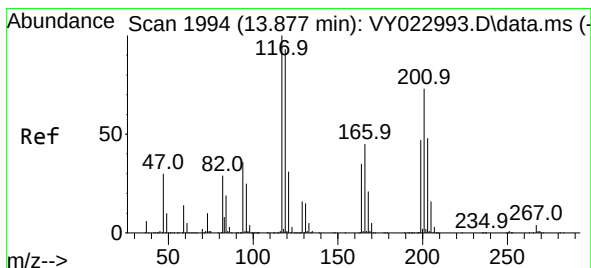
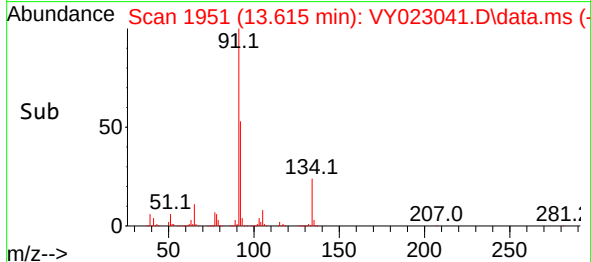
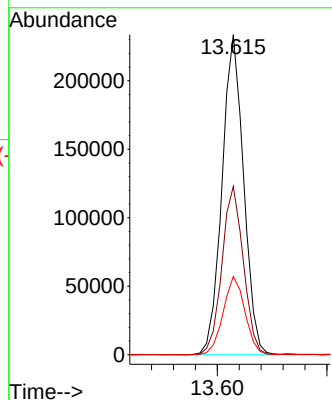
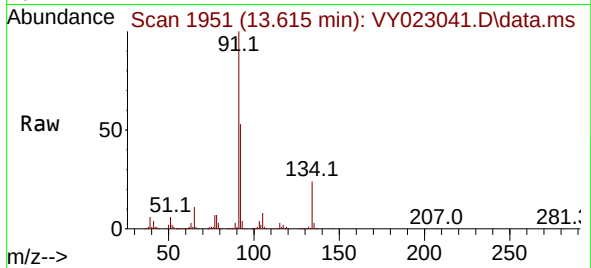




#89
n-Butylbenzene
Concen: 18.932 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

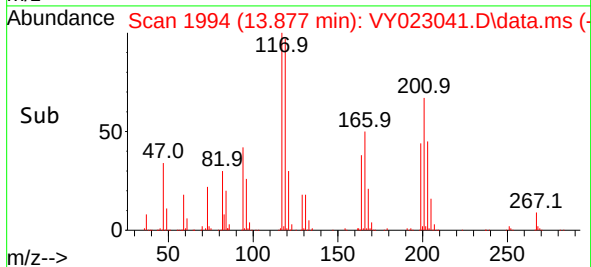
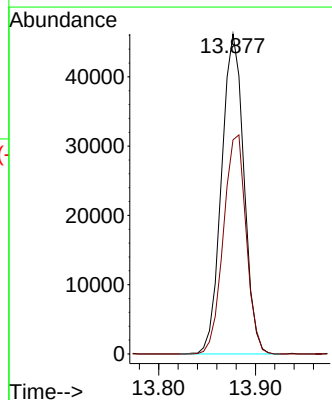
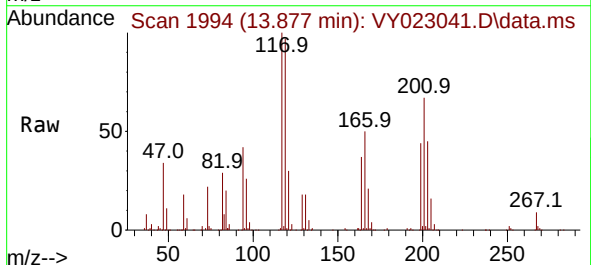
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

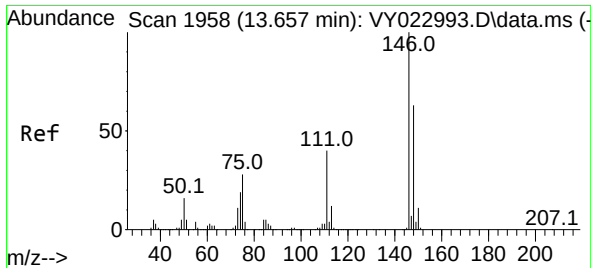
Tgt Ion: 91 Resp: 319430
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.7
134 24.7 12.6 37.6



#90
Hexachloroethane
Concen: 19.578 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023041.D
Acq: 22 Jul 2025 13:15

Tgt Ion: 117 Resp: 74116
Ion Ratio Lower Upper
117 100
201 69.7 36.1 108.5

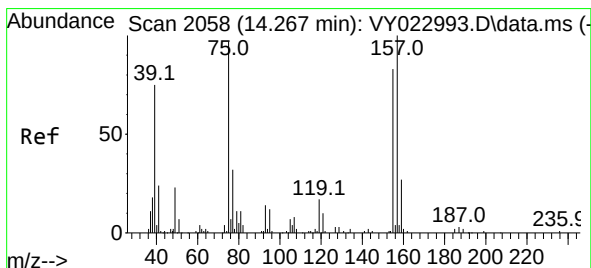
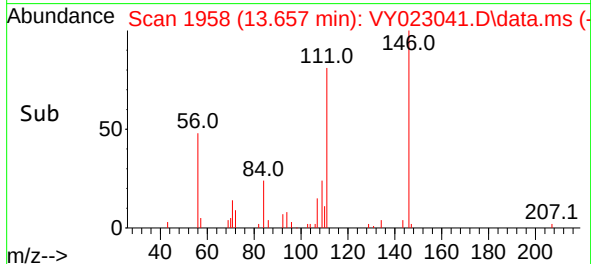
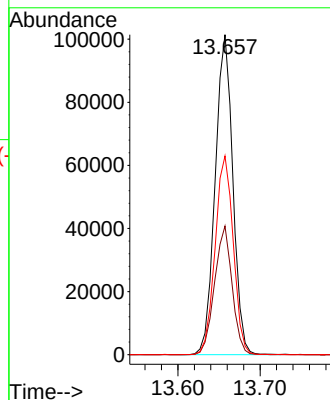
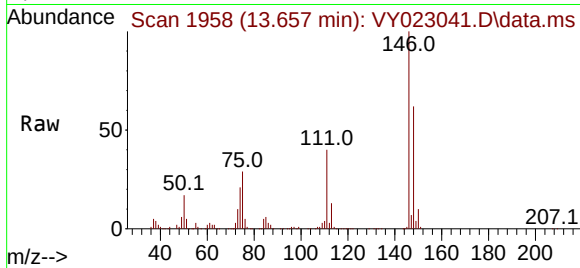




#91
 1,2-Dichlorobenzene
 Concen: 19.478 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

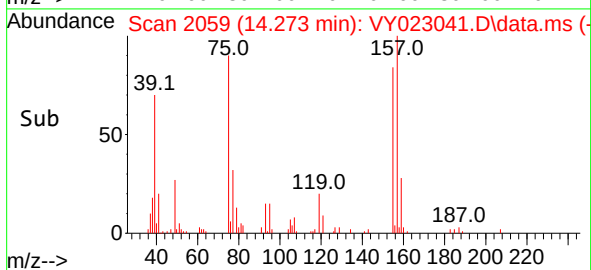
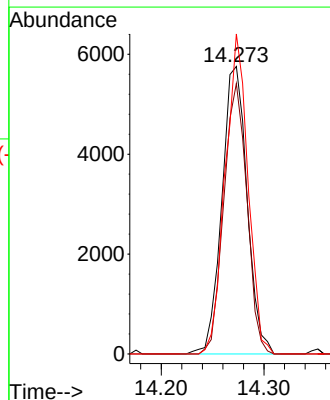
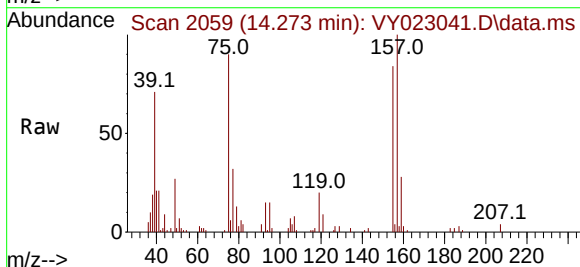
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

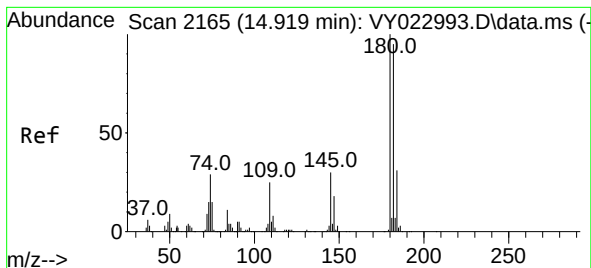
Tgt Ion:146 Resp: 151648
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 61.0
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.641 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023041.D
 Acq: 22 Jul 2025 13:15

Tgt Ion: 75 Resp: 9806
 Ion Ratio Lower Upper
 75 100
 155 86.3 42.8 128.3
 157 100.6 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 18.832 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

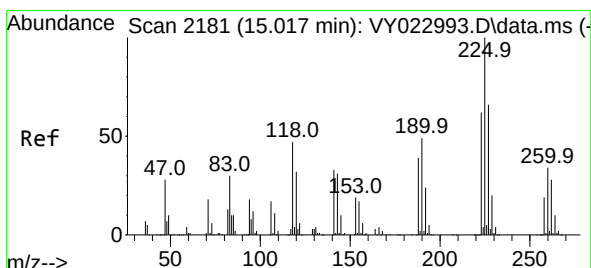
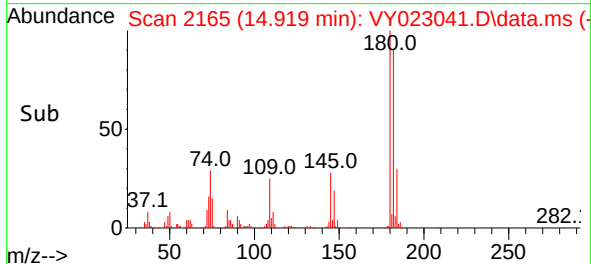
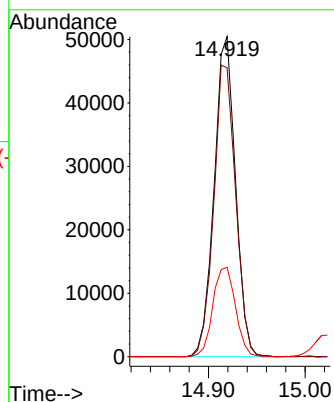
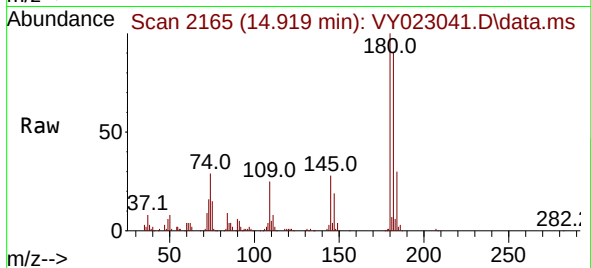
Tgt Ion:180 Resp: 77286

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.5

145 29.6 14.9 44.9



#94

Hexachlorobutadiene

Concen: 18.825 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

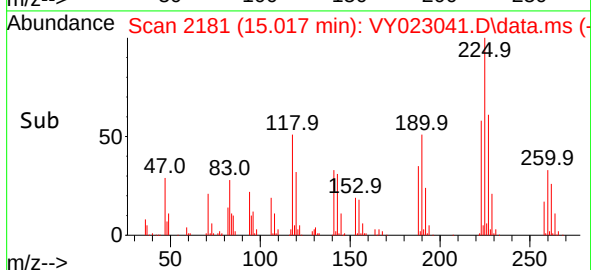
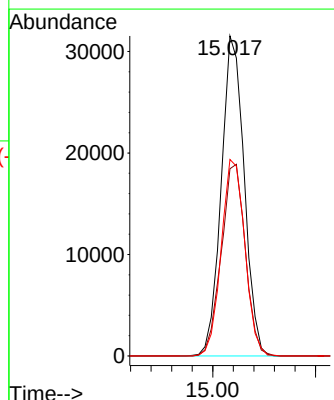
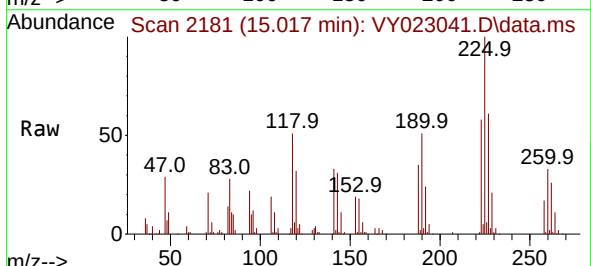
Tgt Ion:225 Resp: 48706

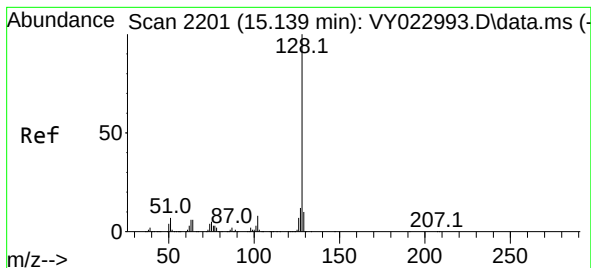
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.0

227 63.3 32.1 96.5





#95

Naphthalene

Concen: 19.052 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

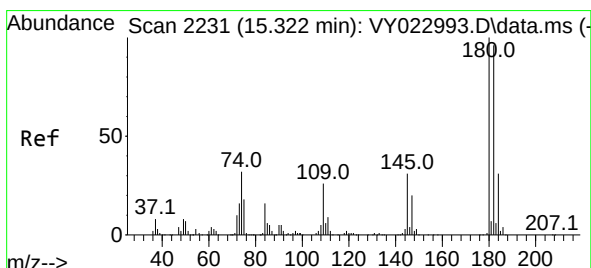
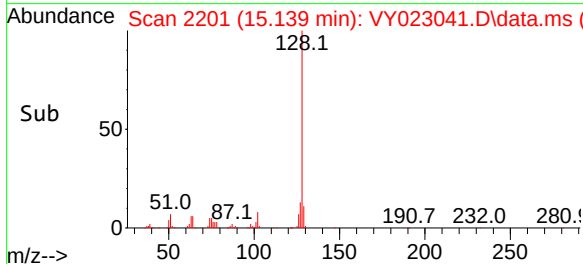
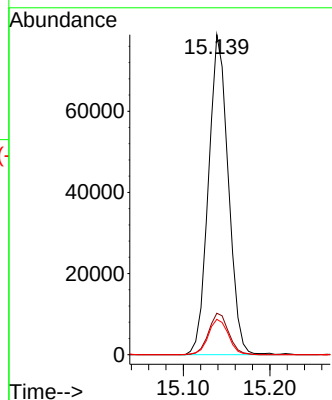
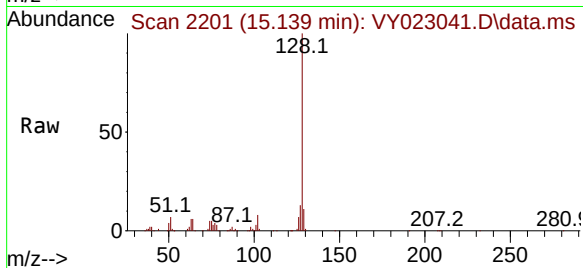
Tgt Ion:128 Resp: 125407

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.407 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY023041.D

Acq: 22 Jul 2025 13:15

Tgt Ion:180 Resp: 65763

Ion Ratio Lower Upper

180 100

182 93.4 47.3 142.0

145 31.6 15.8 47.4

