

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072225\
 Data File : VY023042.D
 Acq On : 22 Jul 2025 13:38
 Operator : SY/MD
 Sample : VY0722SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Quant Time: Jul 23 02:03:09 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	377374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	625419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	530259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	252311	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	204388	53.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.634	113	194981	49.148	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.300%	
50) Toluene-d8	10.103	98	765515	48.658	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.320%	
62) 4-Bromofluorobenzene	12.401	95	233921	47.234	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.460%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	66030	20.607	ug/l	94
3) Chloromethane	2.068	50	123987	22.756	ug/l	99
4) Vinyl Chloride	2.202	62	156490	22.671	ug/l	99
5) Bromomethane	2.592	94	123502	24.790	ug/l	99
6) Chloroethane	2.732	64	106487	23.098	ug/l	90
7) Trichlorofluoromethane	3.056	101	172384	21.513	ug/l	98
8) Diethyl Ether	3.452	74	44470	21.204	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.811	101	88719	21.077	ug/l	98
10) Methyl Iodide	4.000	142	88355	20.205	ug/l	99
11) Tert butyl alcohol	4.860	59	25043	108.392	ug/l	98
12) 1,1-Dichloroethene	3.787	96	82765	20.640	ug/l	98
13) Acrolein	3.653	56	15256	140.522	ug/l	97
14) Allyl chloride	4.385	41	126494	20.706	ug/l	98
15) Acrylonitrile	5.061	53	92263	116.148	ug/l	99
16) Acetone	3.872	43	76162	109.982	ug/l	93
17) Carbon Disulfide	4.104	76	253687	20.874	ug/l	99
18) Methyl Acetate	4.378	43	48818	20.823	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	209451	21.777	ug/l	98
20) Methylene Chloride	4.610	84	122301	20.131	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	92913	20.815	ug/l	93
22) Diisopropyl ether	6.018	45	280562	21.648	ug/l	95
23) Vinyl Acetate	5.964	43	749103	114.711	ug/l	100
24) 1,1-Dichloroethane	5.915	63	172829	21.231	ug/l	97
25) 2-Butanone	6.890	43	110356	111.084	ug/l	95
26) 2,2-Dichloropropane	6.878	77	147136	20.623	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	109113	21.210	ug/l	99
28) Bromochloromethane	7.244	49	68417	21.669	ug/l	98
29) Tetrahydrofuran	7.262	42	72322	114.984	ug/l	98
30) Chloroform	7.421	83	177271	21.587	ug/l	97
31) Cyclohexane	7.701	56	153038	20.120	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	155150	20.823	ug/l	98
36) 1,1-Dichloropropene	7.835	75	128106	20.500	ug/l	100
37) Ethyl Acetate	6.982	43	52361	22.561	ug/l	99
38) Carbon Tetrachloride	7.817	117	135921	20.020	ug/l	96
39) Methylcyclohexane	9.109	83	157593	19.484	ug/l	97
40) Benzene	8.079	78	392961	20.885	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	29732	23.516	ug/l	95
42) 1,2-Dichloroethane	8.158	62	105970	22.638	ug/l	99
43) Isopropyl Acetate	8.195	43	100150	21.724	ug/l #	87
44) Trichloroethene	8.865	130	97256	20.124	ug/l	98
45) 1,2-Dichloropropane	9.140	63	92880	21.138	ug/l	98
46) Dibromomethane	9.231	93	50405	22.194	ug/l	98
47) Bromodichloromethane	9.426	83	134308	21.394	ug/l	100
48) Methyl methacrylate	9.219	41	47182	21.199	ug/l	99
49) 1,4-Dioxane	9.231	88	10738	448.538	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	260183	111.191	ug/l	99
52) Toluene	10.170	92	243384	20.805	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	112081	20.798	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	136383	20.997	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	65948	22.092	ug/l	96
56) Ethyl methacrylate	10.438	69	77979	20.926	ug/l	99
57) 1,3-Dichloropropane	10.719	76	113207	21.954	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	193483	106.071	ug/l	100
59) 2-Hexanone	10.761	43	168525	109.568	ug/l	98
60) Dibromochloromethane	10.908	129	84045	21.501	ug/l	98
61) 1,2-Dibromoethane	11.018	107	59946	22.114	ug/l	99
64) Tetrachloroethene	10.646	164	106097	19.575	ug/l	97
65) Chlorobenzene	11.438	112	253467	20.257	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	86910	20.364	ug/l	100
67) Ethyl Benzene	11.517	91	447391	20.172	ug/l	100
68) m/p-Xylenes	11.627	106	341034	40.089	ug/l	100
69) o-Xylene	11.950	106	158061	20.021	ug/l	99
70) Styrene	11.969	104	260782	20.166	ug/l	100
71) Bromoform	12.127	173	46591	21.504	ug/l #	96
73) Isopropylbenzene	12.249	105	410821	19.205	ug/l	100
74) N-amyl acetate	12.066	43	83785	20.775	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	68131	22.009	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	93469	29.729	ug/l #	100
77) Bromobenzene	12.529	156	92066	19.844	ug/l	97
78) n-propylbenzene	12.590	91	510084	20.024	ug/l	100
79) 2-Chlorotoluene	12.676	91	288334	20.125	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	333795	19.785	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	21452	20.323	ug/l	98
82) 4-Chlorotoluene	12.773	91	291452	20.170	ug/l	98
83) tert-Butylbenzene	12.993	119	296711	19.469	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	331709	19.973	ug/l	100
85) sec-Butylbenzene	13.170	105	447880	19.611	ug/l	100
86) p-Isopropyltoluene	13.285	119	359705	19.393	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	185432	19.805	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	180637	19.942	ug/l	98
89) n-Butylbenzene	13.615	91	339776	19.852	ug/l	98
90) Hexachloroethane	13.877	117	75156	19.571	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	160054	20.266	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10246	22.291	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	85092	20.440	ug/l	99
94) Hexachlorobutadiene	15.017	225	52544	20.020	ug/l	99
95) Naphthalene	15.139	128	136129	20.387	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	71586	20.826	ug/l	98

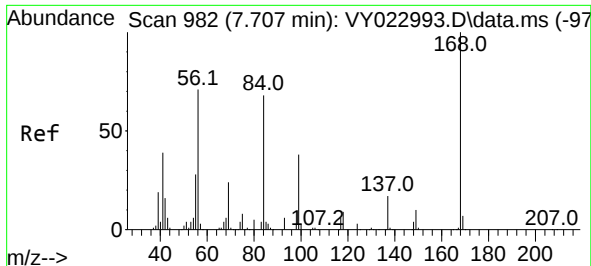
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072225\
Data File : VY023042.D
Acq On : 22 Jul 2025 13:38
Operator : SY/MD
Sample : VY0722SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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ClientSampleId :
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QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

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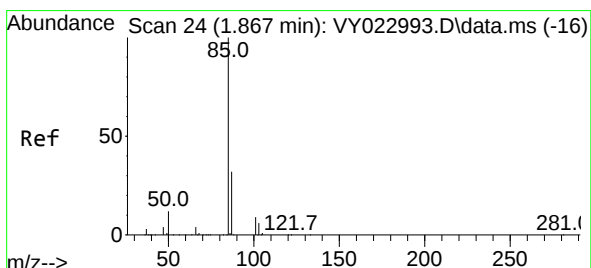
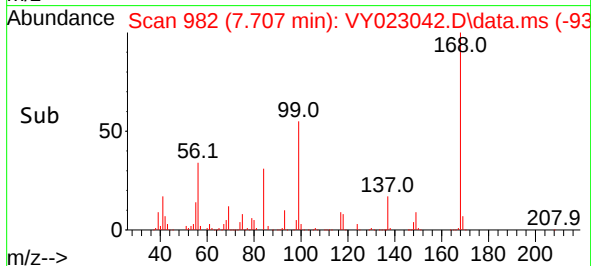
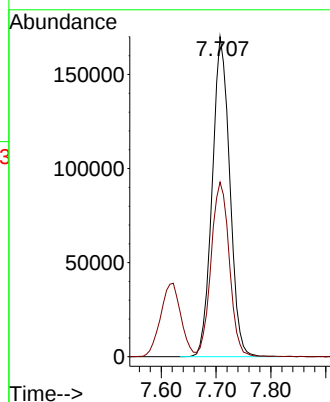
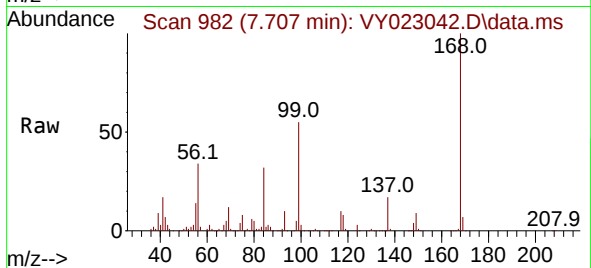
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

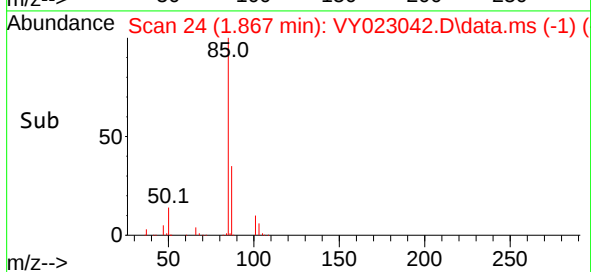
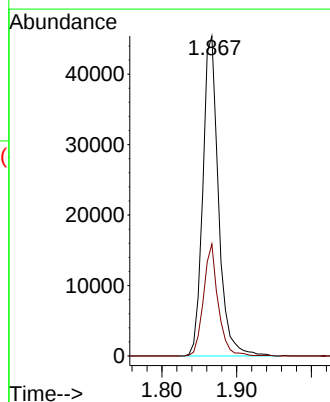
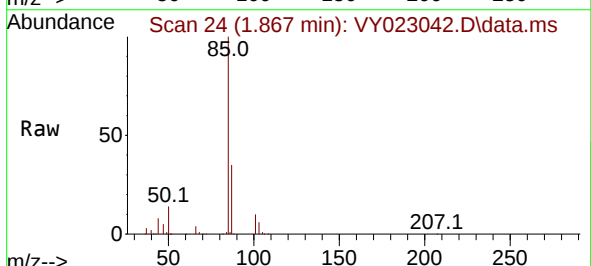
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

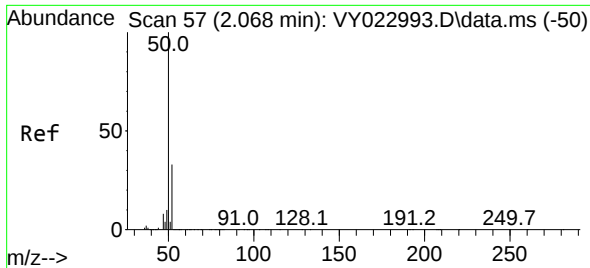
Tgt Ion:168 Resp: 377374
Ion Ratio Lower Upper
168 100
99 54.5 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 20.607 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 85 Resp: 66030
Ion Ratio Lower Upper
85 100
87 35.0 16.0 47.9

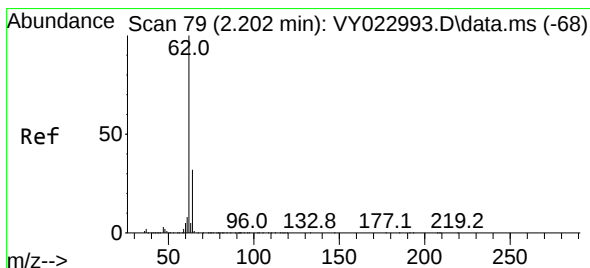
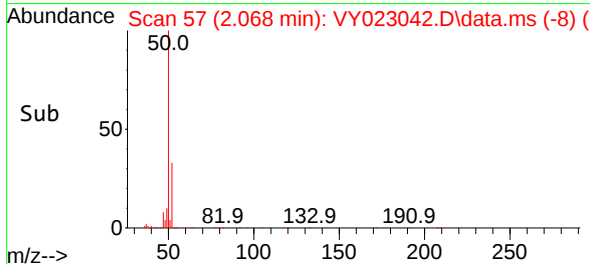
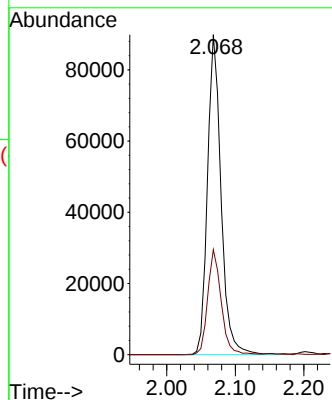
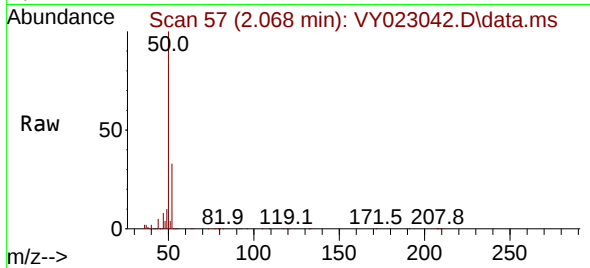




#3
Chloromethane
Concen: 22.756 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

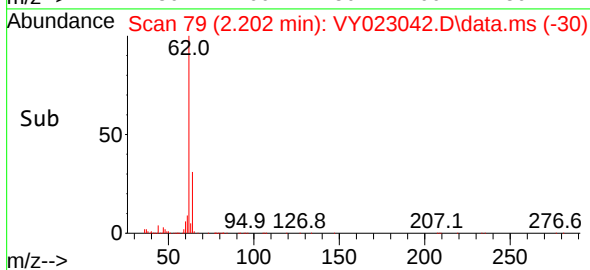
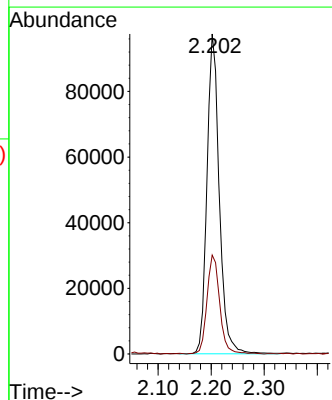
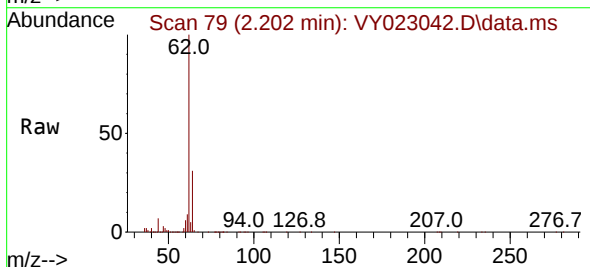
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

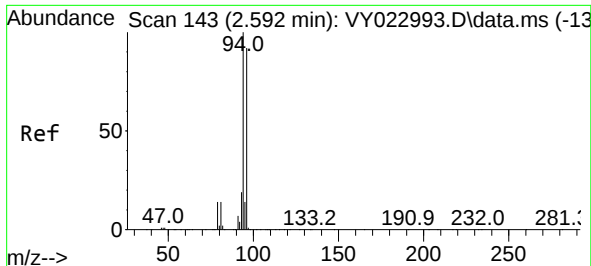
Tgt Ion: 50 Resp: 123987
Ion Ratio Lower Upper
50 100
52 32.8 26.6 39.8



#4
Vinyl Chloride
Concen: 22.671 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 62 Resp: 156490
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8

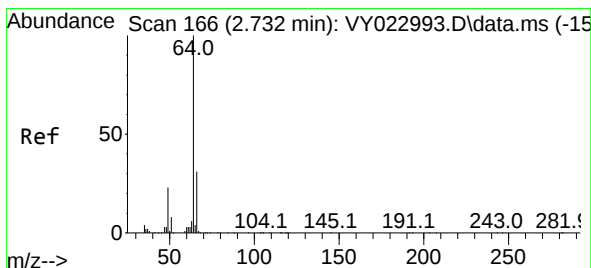
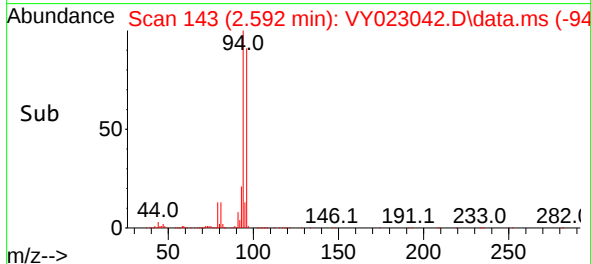
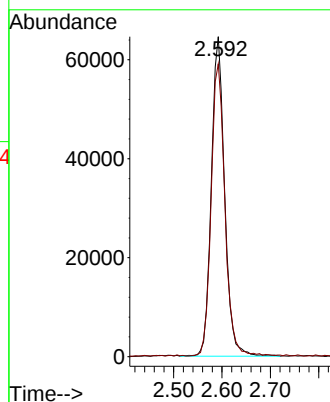
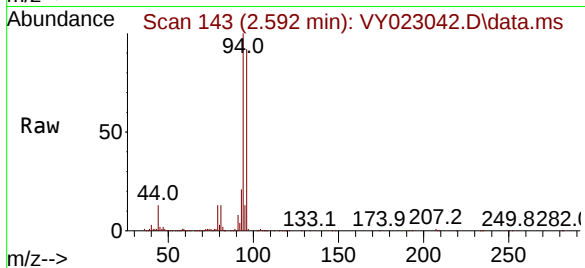




#5
Bromomethane
Concen: 24.790 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

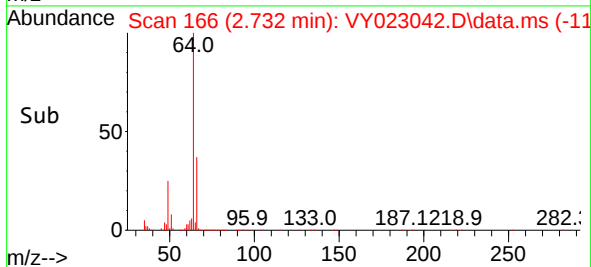
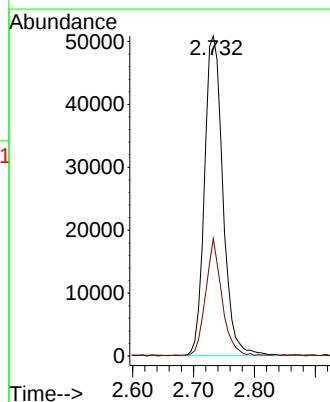
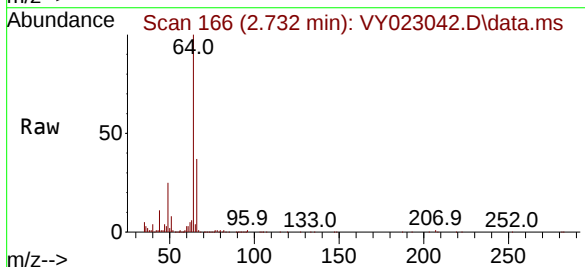
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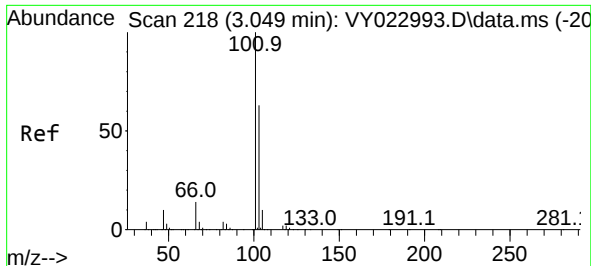
Tgt Ion: 94 Resp: 123502
Ion Ratio Lower Upper
94 100
96 91.3 73.9 110.9



#6
Chloroethane
Concen: 23.098 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 64 Resp: 106487
Ion Ratio Lower Upper
64 100
66 36.5 24.9 37.3

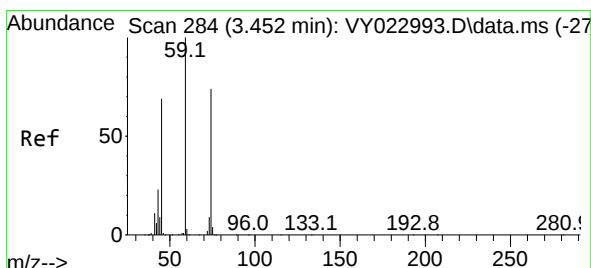
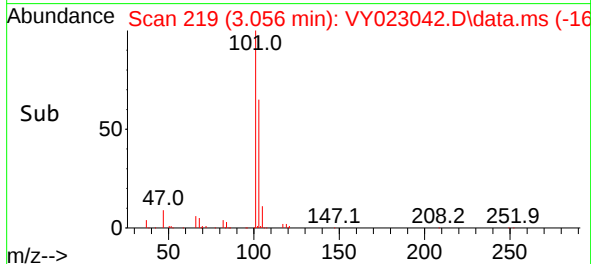
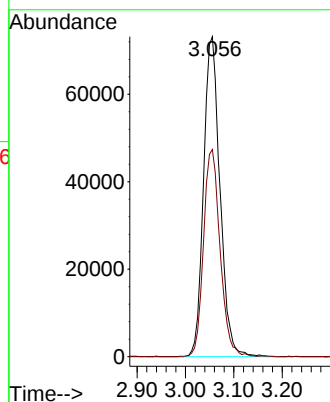
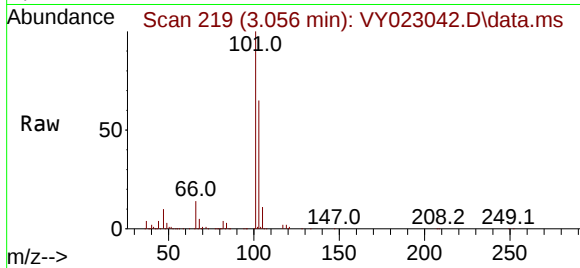




#7
 Trichlorofluoromethane
 Concen: 21.513 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023042.D
 Acq: 22 Jul 2025 13:38

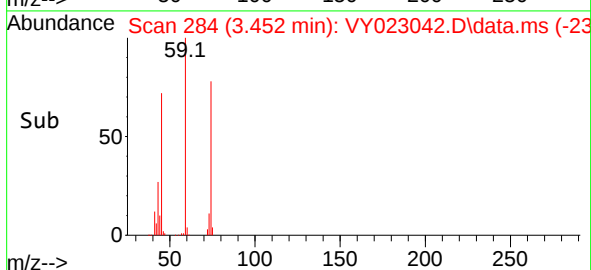
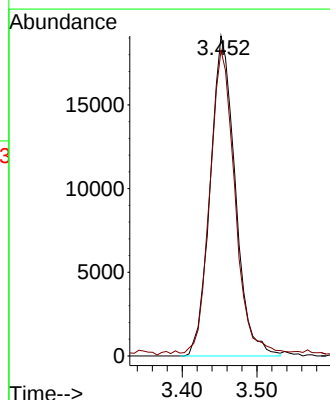
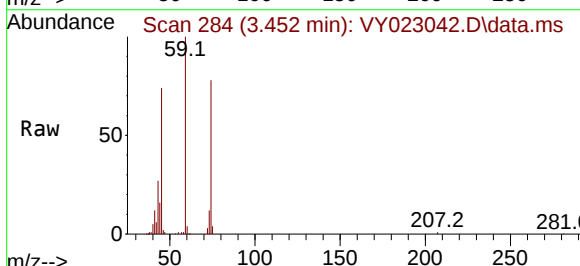
Instrument :
 MSVOA_Y
 ClientSampleId :
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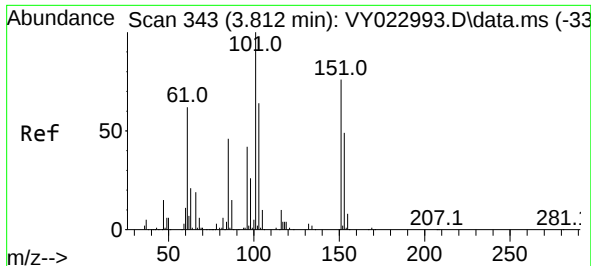
Tgt Ion:101 Resp: 172384
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 21.204 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY023042.D
 Acq: 22 Jul 2025 13:38

Tgt Ion: 74 Resp: 44470
 Ion Ratio Lower Upper
 74 100
 45 93.6 45.1 135.2

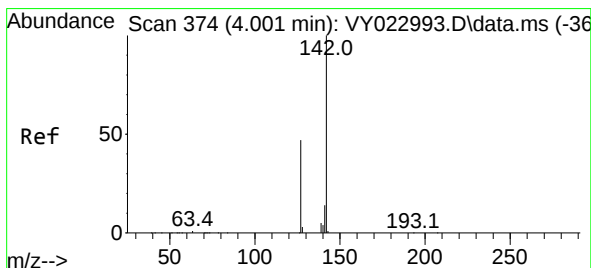
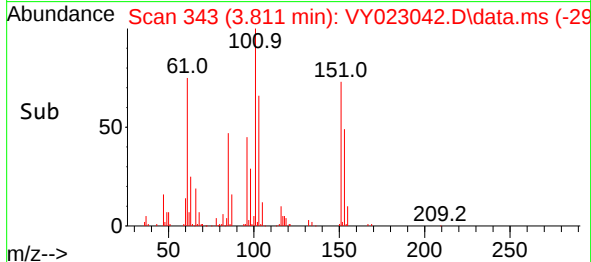
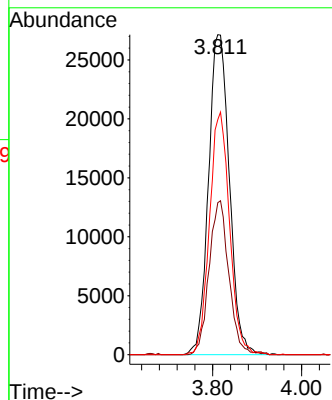
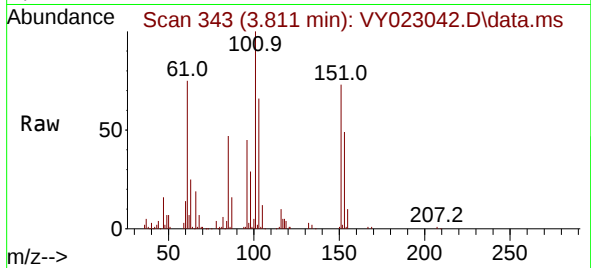




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.077 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

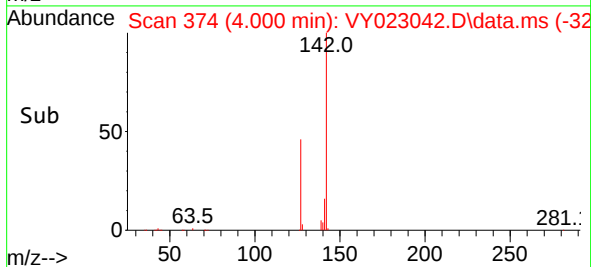
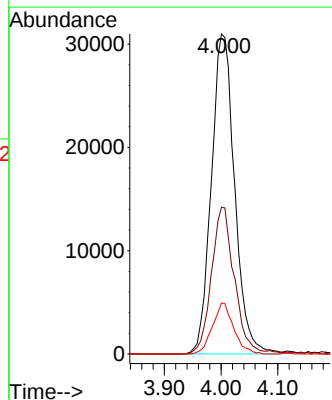
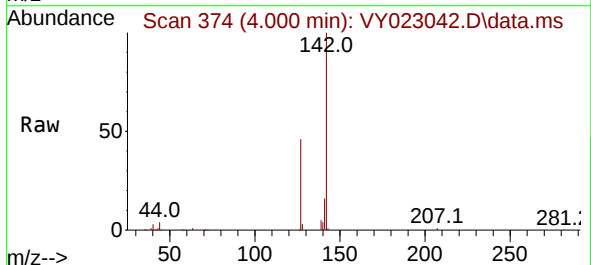
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

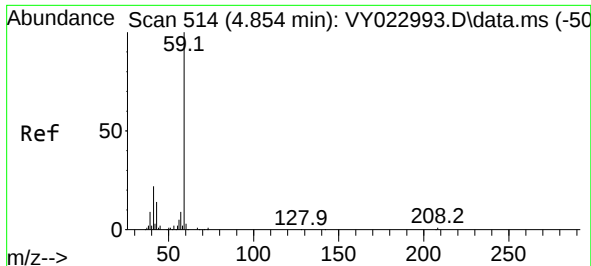
Tgt Ion:101 Resp: 88719
Ion Ratio Lower Upper
101 100
85 45.5 37.2 55.8
151 72.7 59.7 89.5



#10
Methyl Iodide
Concen: 20.205 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion:142 Resp: 88355
Ion Ratio Lower Upper
142 100
127 45.2 37.0 55.6
141 14.5 11.4 17.2

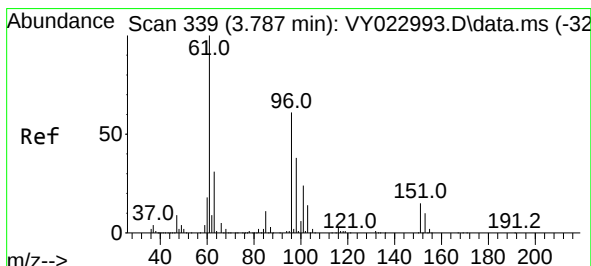
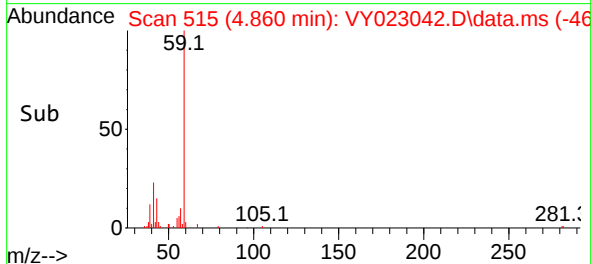
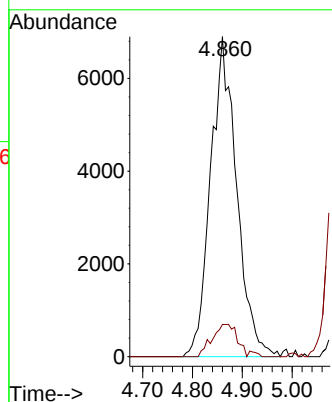
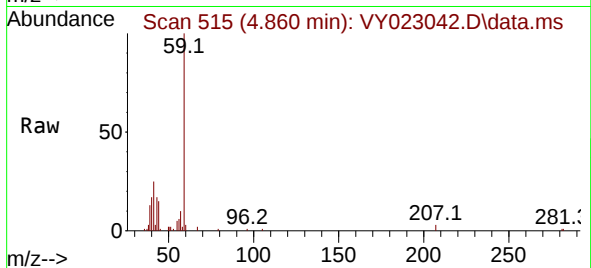




#11
Tert butyl alcohol
Concen: 108.392 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

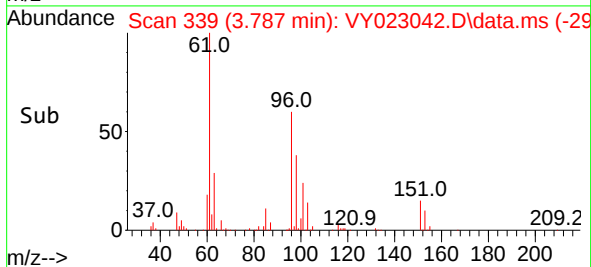
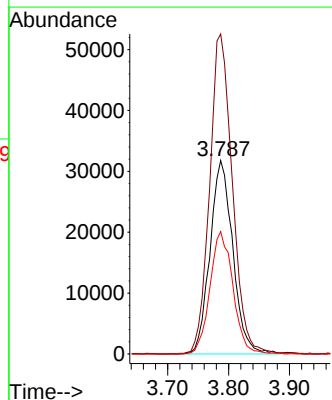
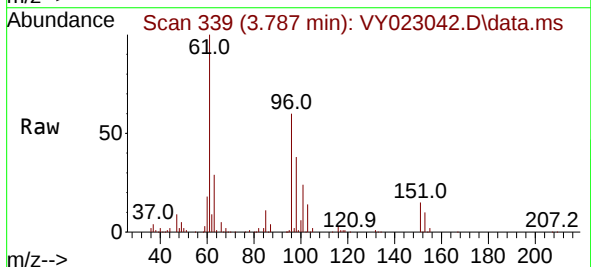
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

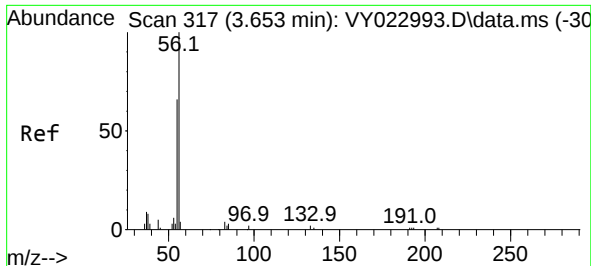
Tgt Ion: 59 Resp: 25043
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.640 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 96 Resp: 82765
Ion Ratio Lower Upper
96 100
61 165.1 130.4 195.6
98 63.3 49.6 74.4

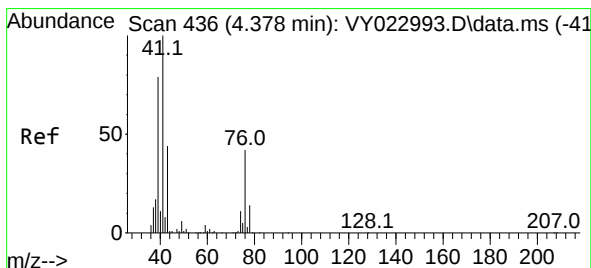
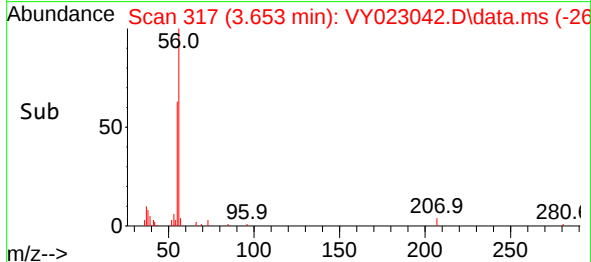
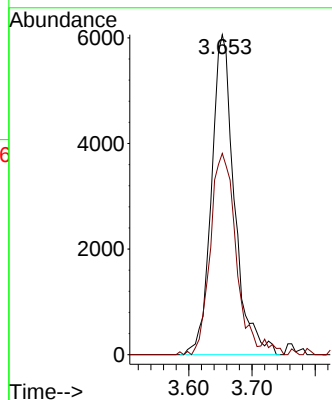
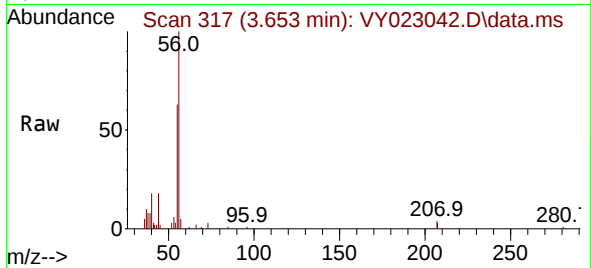




#13
Acrolein
Concen: 140.522 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

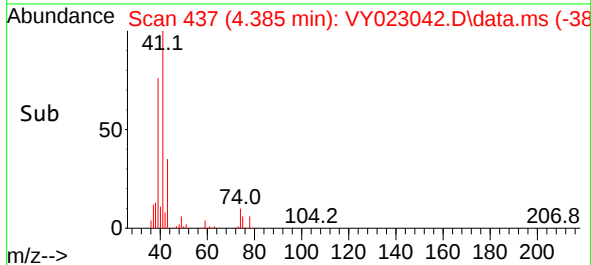
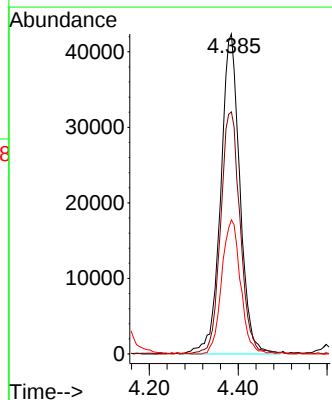
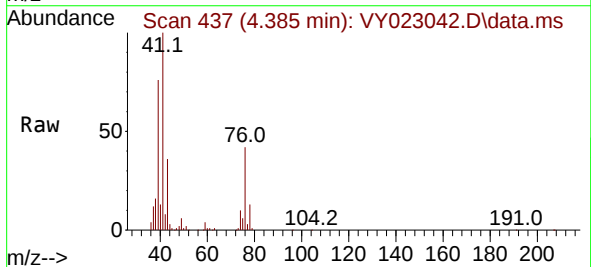
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

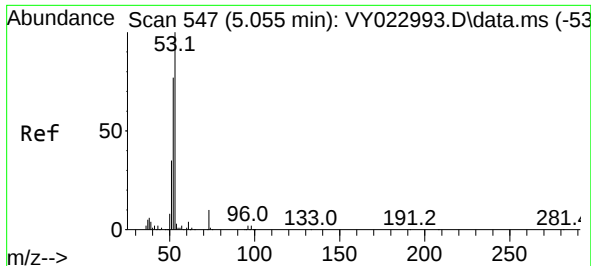
Tgt Ion: 56 Resp: 15256
Ion Ratio Lower Upper
56 100
55 69.4 57.8 86.6



#14
Allyl chloride
Concen: 20.706 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 41 Resp: 126494
Ion Ratio Lower Upper
41 100
39 77.5 60.1 90.1
76 41.3 32.2 48.4

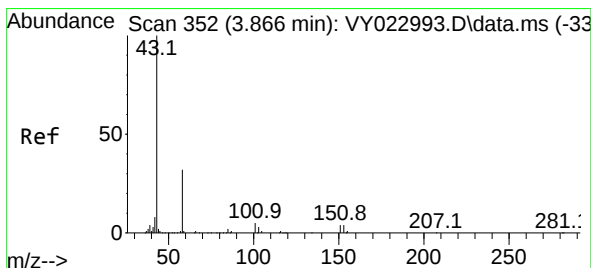
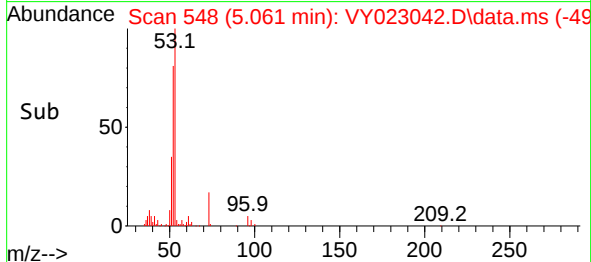
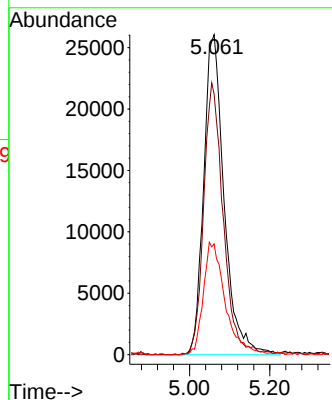
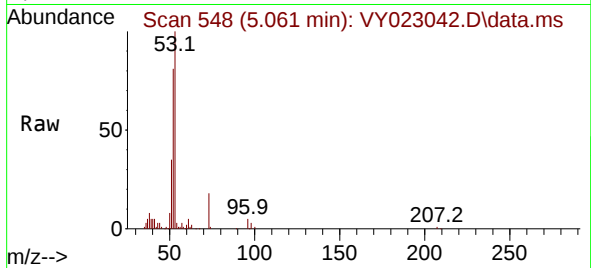




#15
Acrylonitrile
Concen: 116.148 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

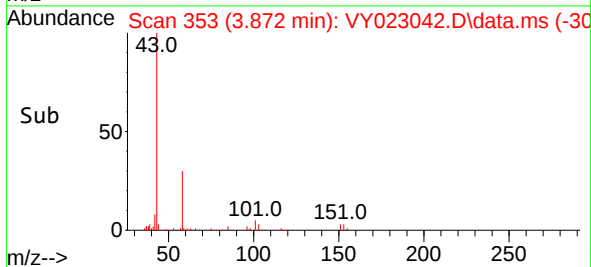
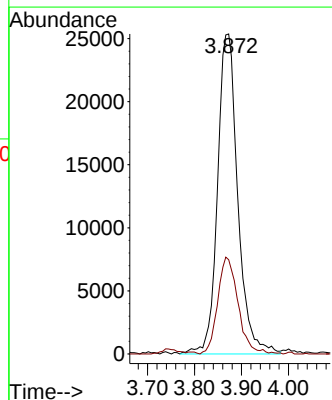
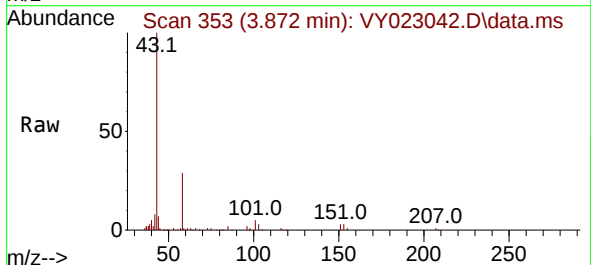
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

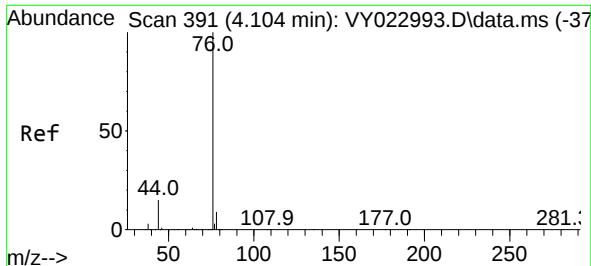
Tgt Ion: 53	Resp: 92263
Ion Ratio	Lower Upper
53 100	
52 80.6	65.2 97.8
51 37.5	30.3 45.5



#16
Acetone
Concen: 109.982 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 43	Resp: 76162		
Ion Ratio	Lower	Upper	
43 100			
58 29.1	26.2	39.4	

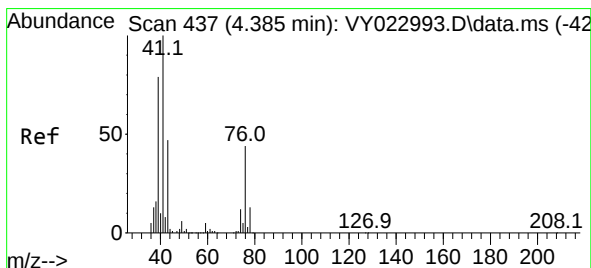
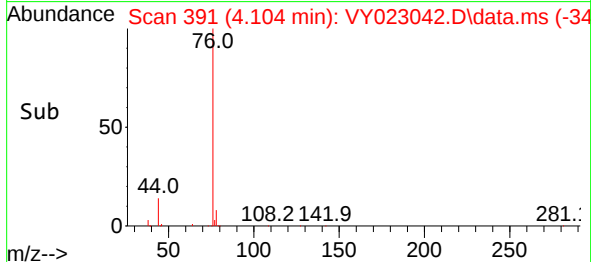
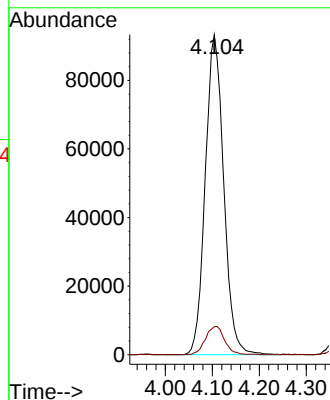
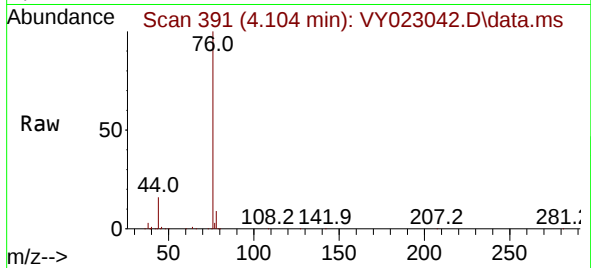




#17
Carbon Disulfide
Concen: 20.874 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

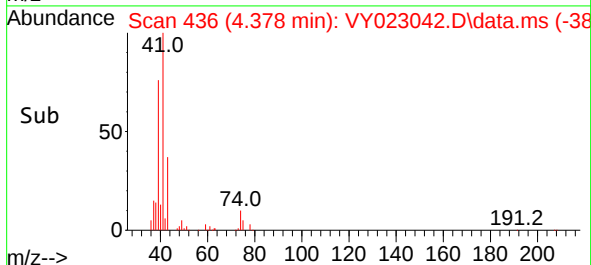
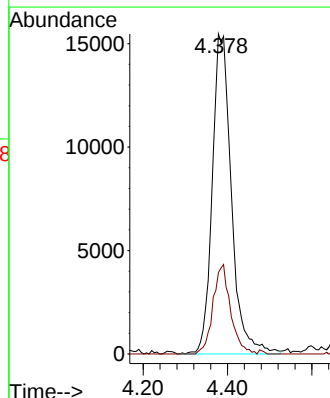
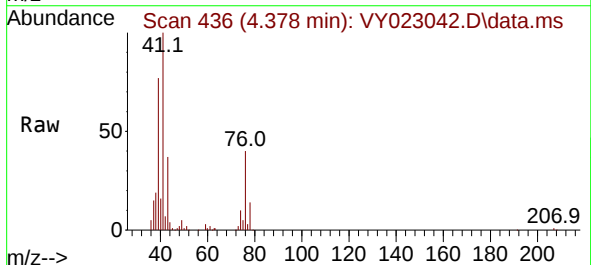
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

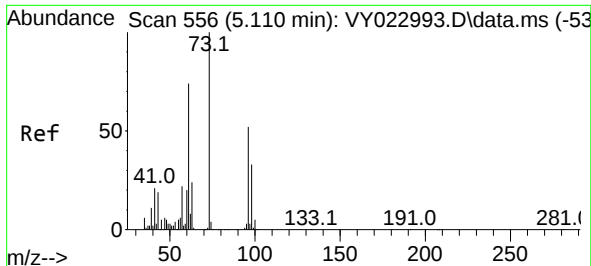
Tgt Ion: 76 Resp: 253687
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 20.823 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 43 Resp: 48818
Ion Ratio Lower Upper
43 100
74 25.6 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 21.777 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

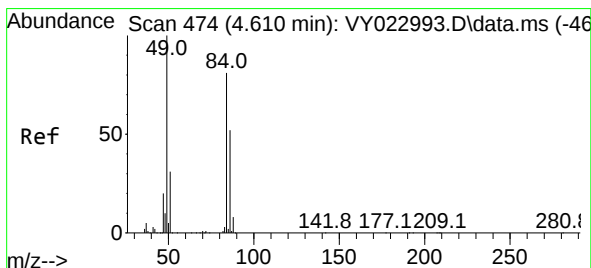
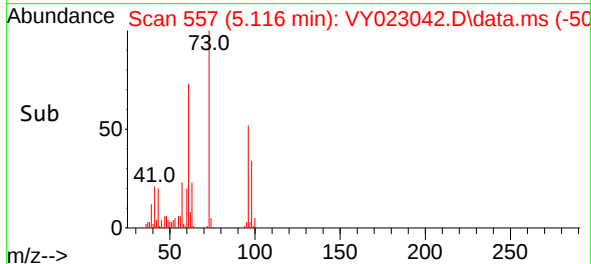
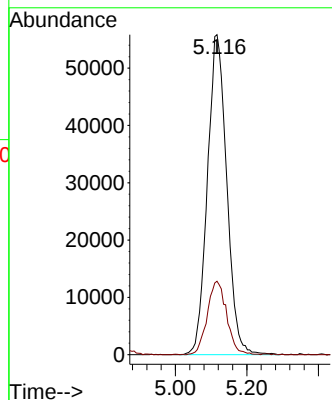
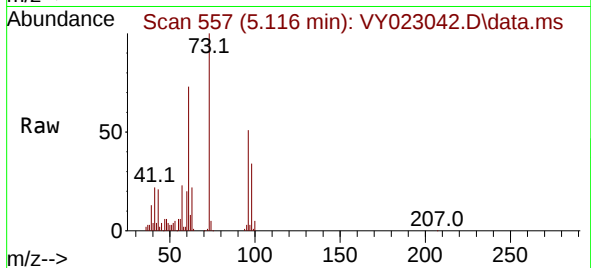
VY0722SBSD01

Tgt Ion: 73 Resp: 209451

Ion Ratio Lower Upper

73 100

57 22.9 17.4 26.2



#20

Methylene Chloride

Concen: 20.131 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Tgt Ion: 84 Resp: 122301

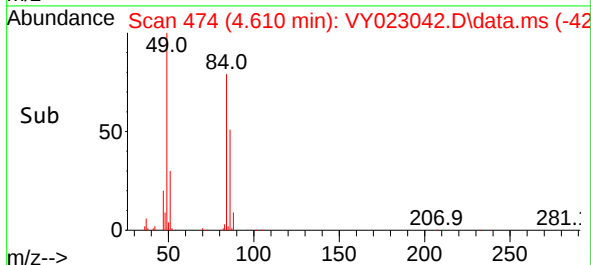
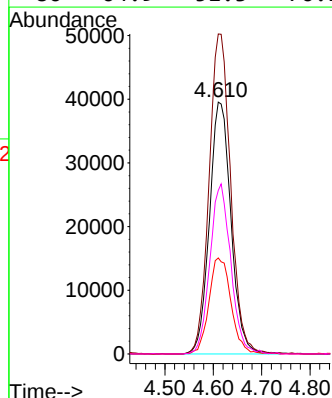
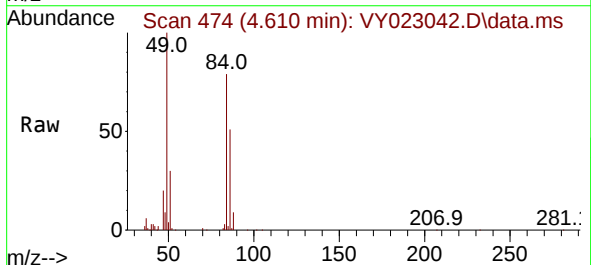
Ion Ratio Lower Upper

84 100

49 127.0 98.2 147.4

51 38.1 30.5 45.7

86 64.9 51.3 76.9

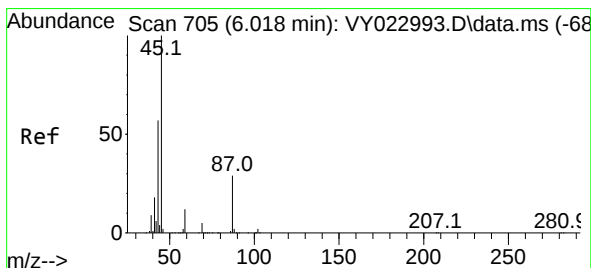
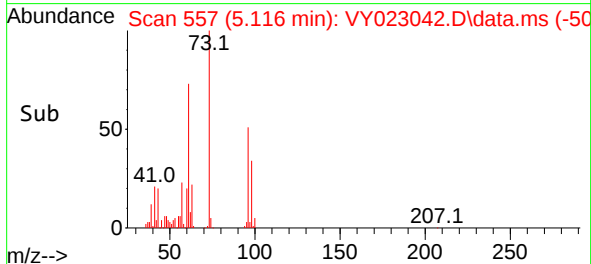
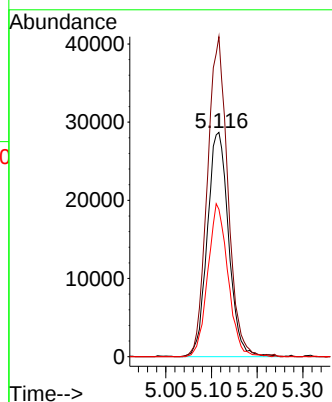
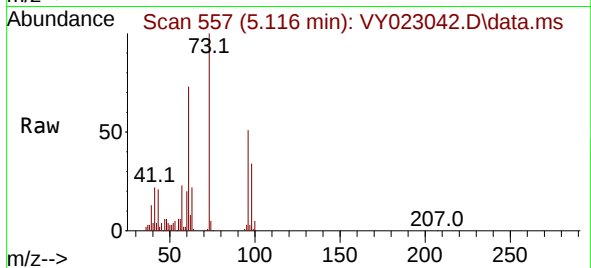




#21
trans-1,2-Dichloroethene
Concen: 20.815 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

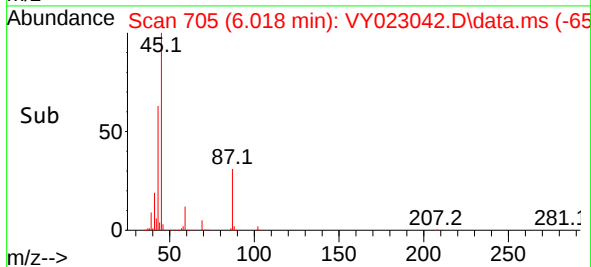
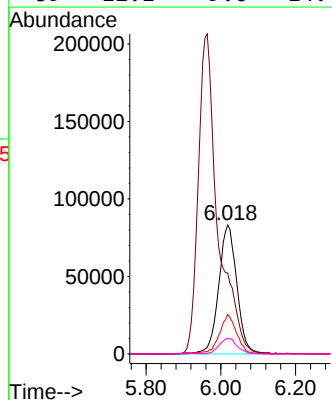
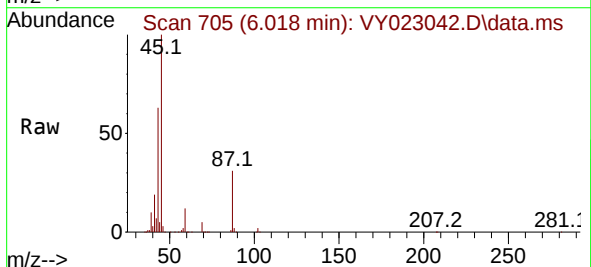
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

Tgt Ion: 96 Resp: 92913
Ion Ratio Lower Upper
96 100
61 142.7 107.4 161.2
98 65.7 49.3 73.9



#22
Diisopropyl ether
Concen: 21.648 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 45 Resp: 280562
Ion Ratio Lower Upper
45 100
43 62.5 45.3 67.9
87 30.5 23.3 34.9
59 12.1 9.6 14.4

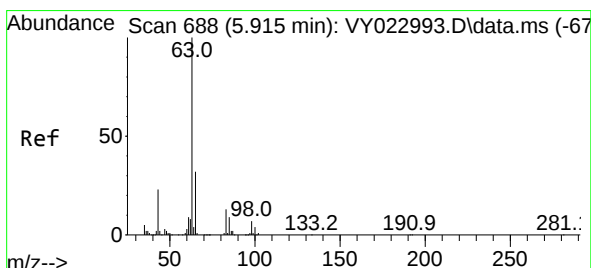
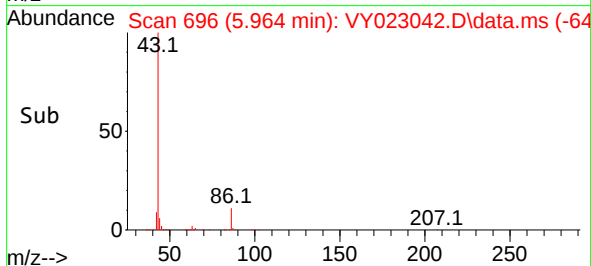
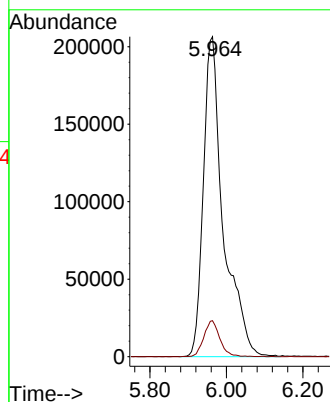
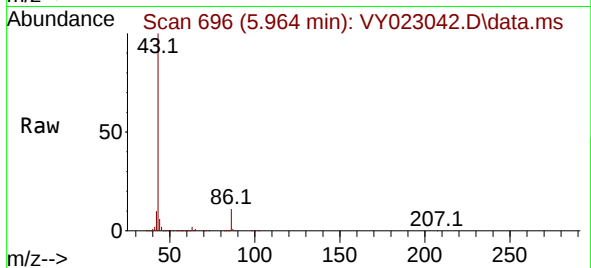




#23
 Vinyl Acetate
 Concen: 114.711 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023042.D
 Acq: 22 Jul 2025 13:38

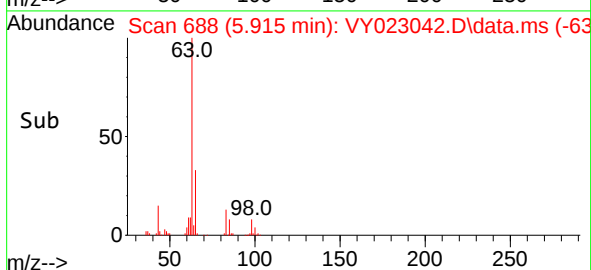
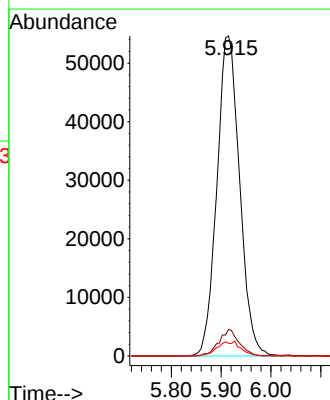
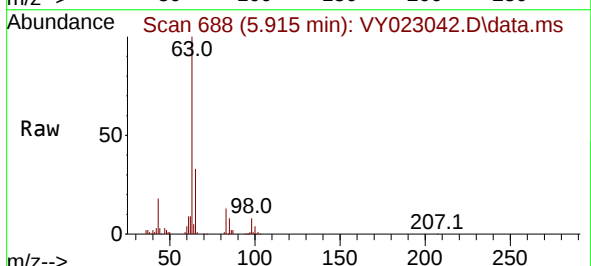
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBSD01

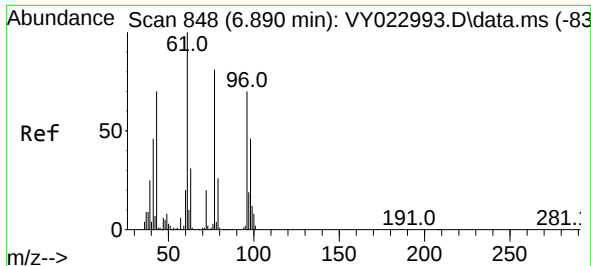
Tgt Ion: 43 Resp: 749103
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 21.231 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023042.D
 Acq: 22 Jul 2025 13:38

Tgt Ion: 63 Resp: 172829
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.5
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 111.084 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

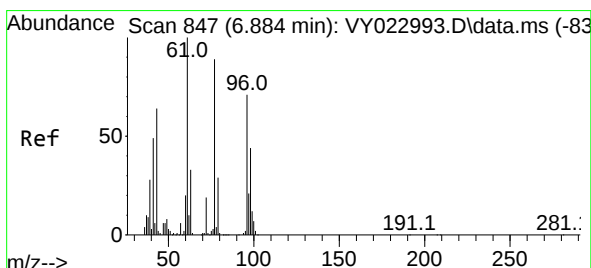
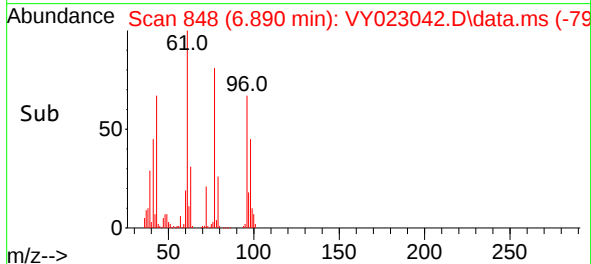
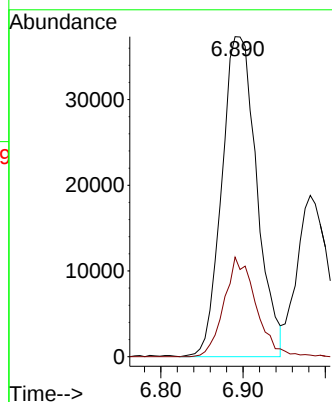
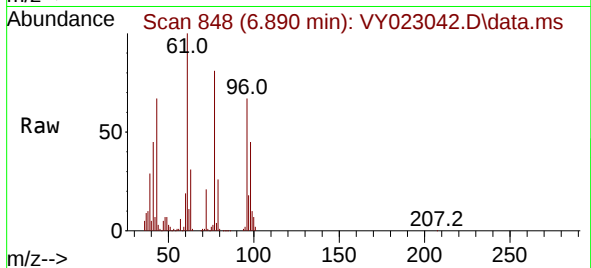
VY0722SBS01

Tgt Ion: 43 Resp: 110356

Ion Ratio Lower Upper

43 100

72 31.1 22.9 34.3



#26

2,2-Dichloropropane

Concen: 20.623 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY023042.D

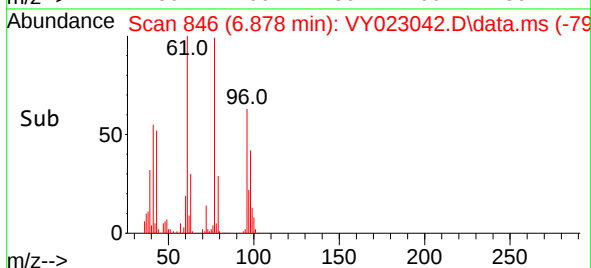
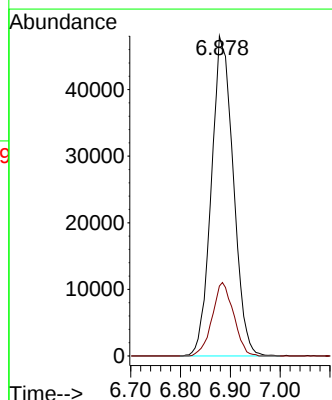
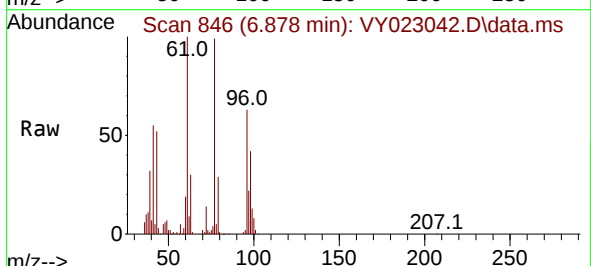
Acq: 22 Jul 2025 13:38

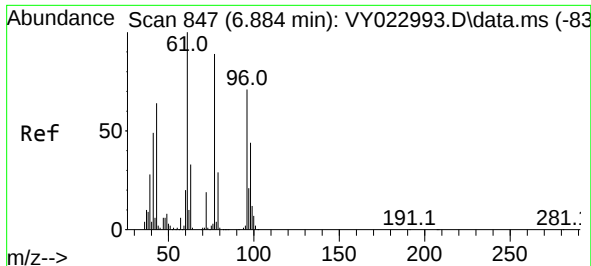
Tgt Ion: 77 Resp: 147136

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 21.210 ug/l

RT: 6.896 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBSD01

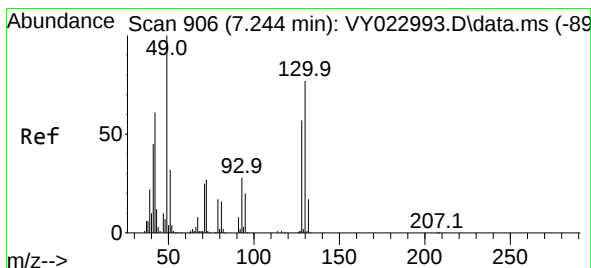
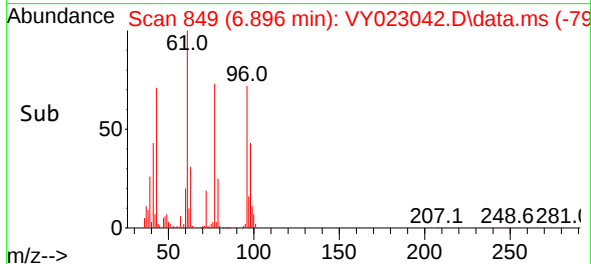
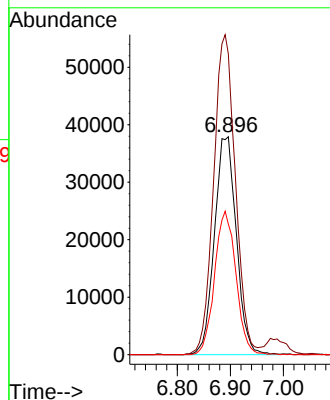
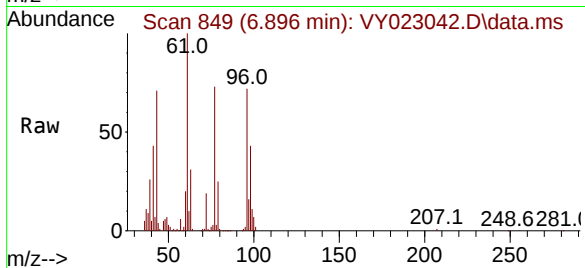
Tgt Ion: 96 Resp: 109113

Ion Ratio Lower Upper

96 100

61 145.3 0.0 286.2

98 64.2 0.0 127.4



#28

Bromochloromethane

Concen: 21.669 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

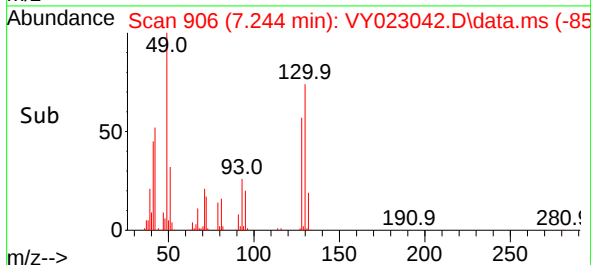
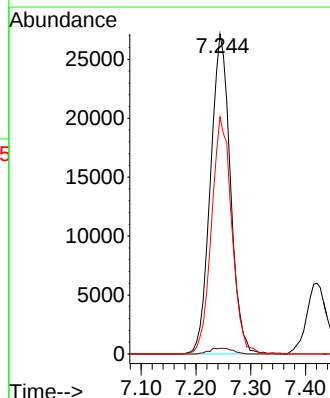
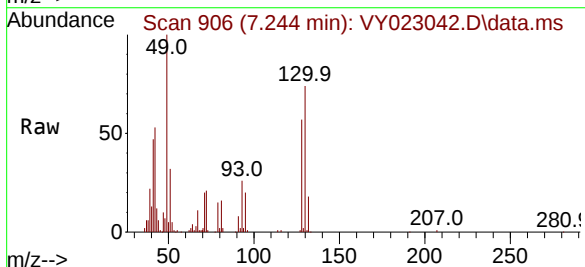
Tgt Ion: 49 Resp: 68417

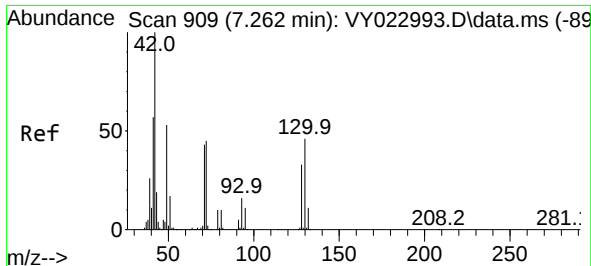
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 75.2 61.8 92.8





#29

Tetrahydrofuran

Concen: 114.984 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

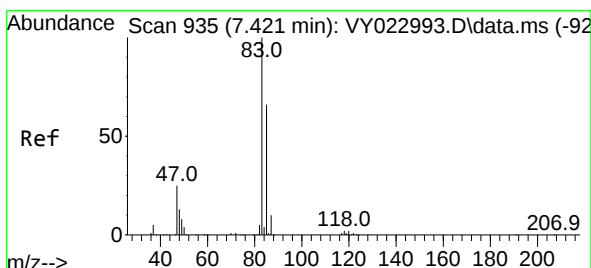
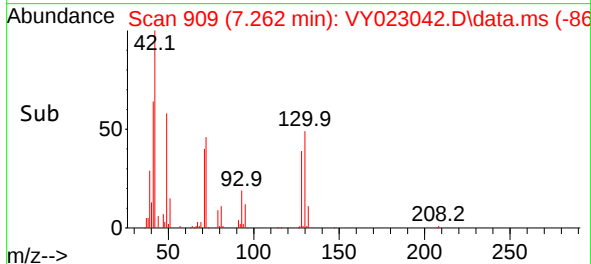
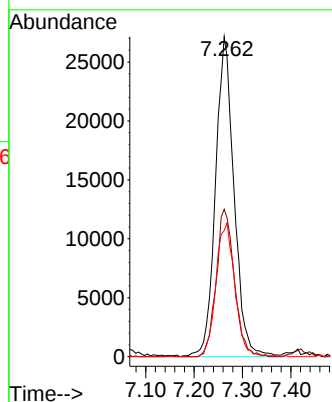
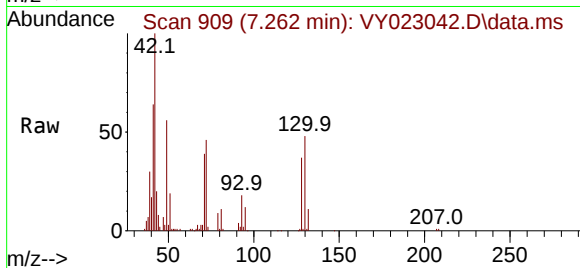
Tgt Ion: 42 Resp: 72322

Ion Ratio Lower Upper

42 100

72 44.9 37.5 56.3

71 42.7 34.2 51.4



#30

Chloroform

Concen: 21.587 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023042.D

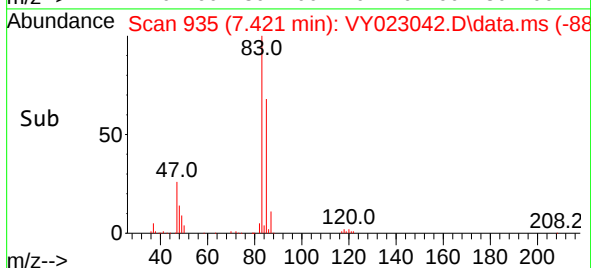
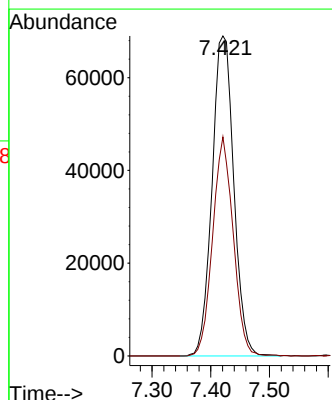
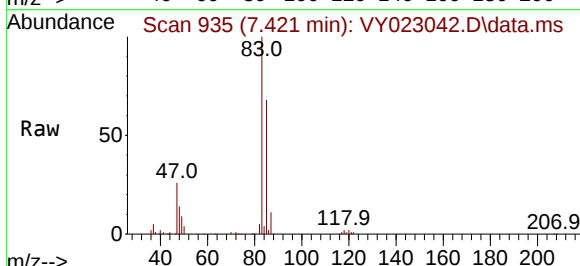
Acq: 22 Jul 2025 13:38

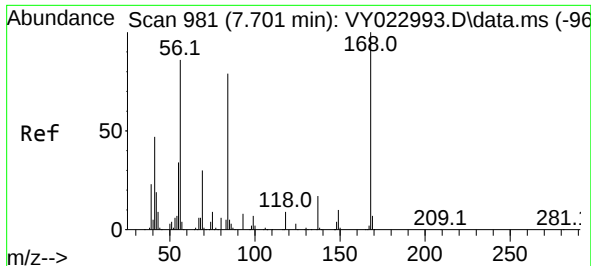
Tgt Ion: 83 Resp: 177271

Ion Ratio Lower Upper

83 100

85 68.4 52.6 78.8

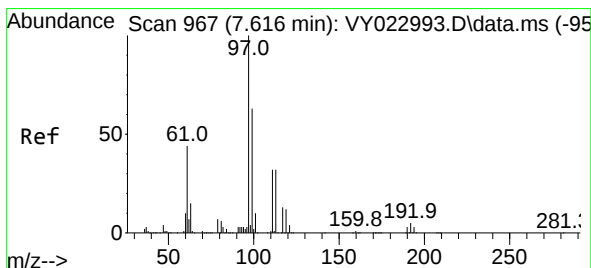
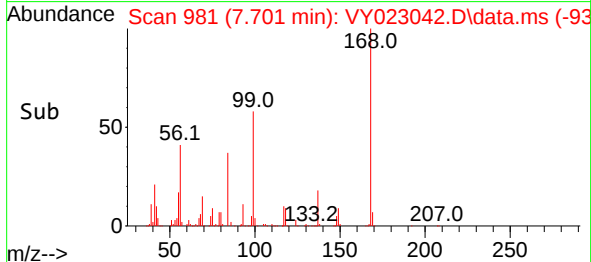
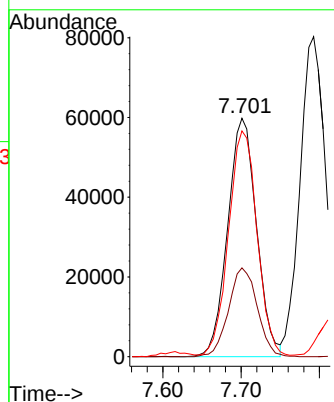
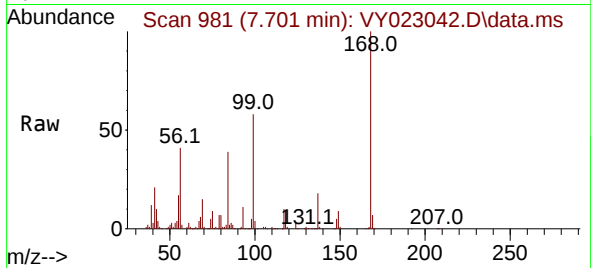




#31
Cyclohexane
Concen: 20.120 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

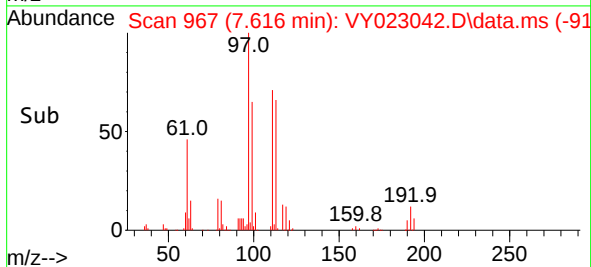
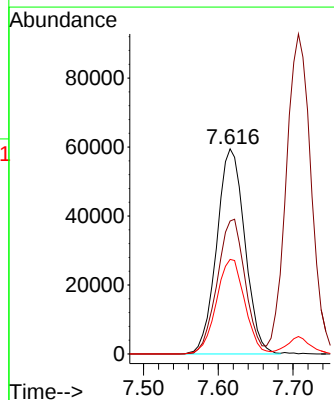
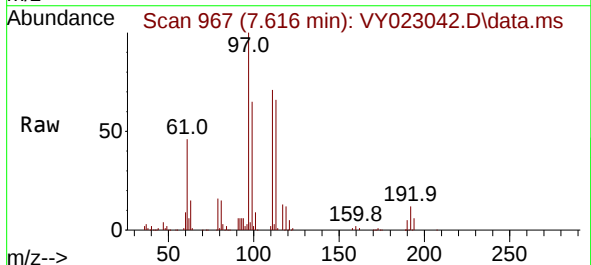
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

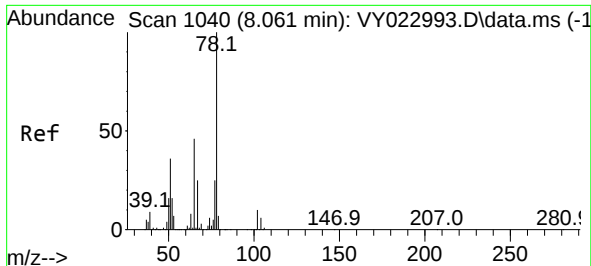
Tgt Ion: 56 Resp: 153038
Ion Ratio Lower Upper
56 100
69 37.3 28.1 42.1
84 93.3 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 20.823 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 97 Resp: 155150
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 46.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 53.501 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

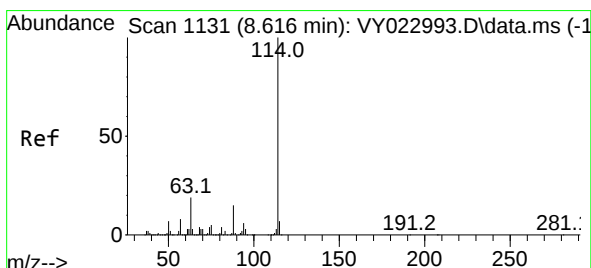
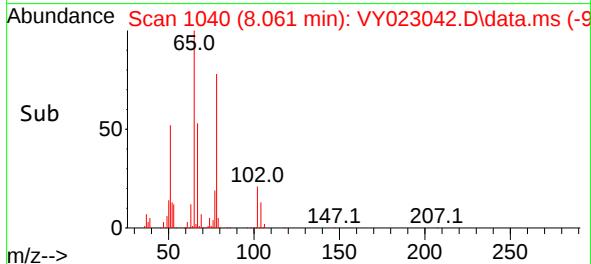
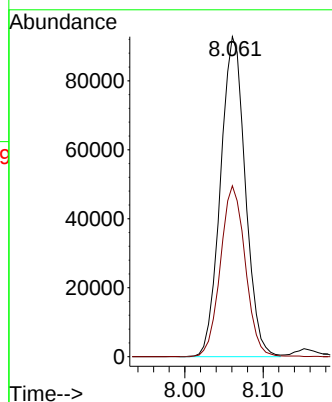
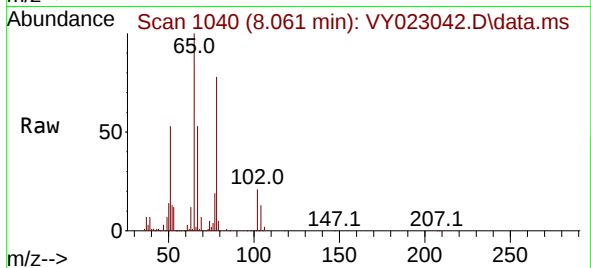
VY0722SBS01

Tgt Ion: 65 Resp: 204388

Ion Ratio Lower Upper

65 100

67 53.4 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: VY023042.D

Acq: 22 Jul 2025 13:38

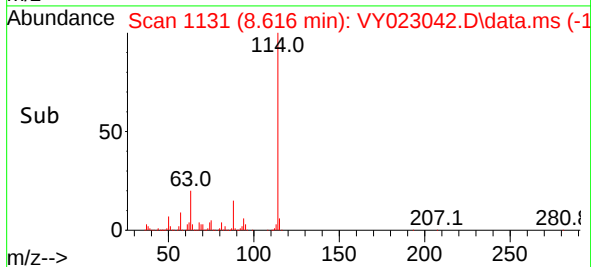
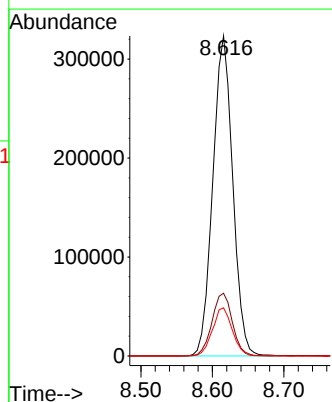
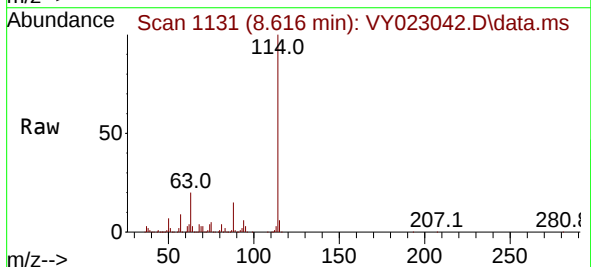
Tgt Ion: 114 Resp: 625419

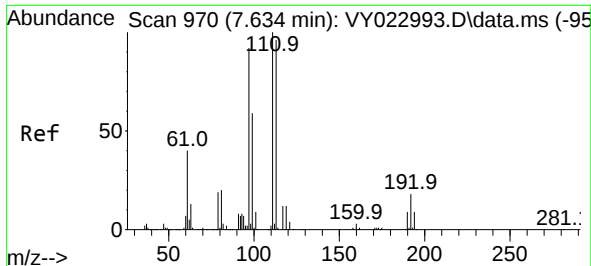
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

88 15.1 0.0 30.2

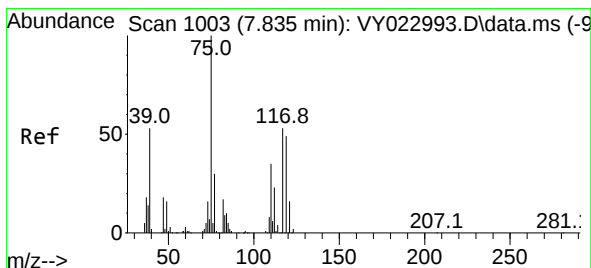
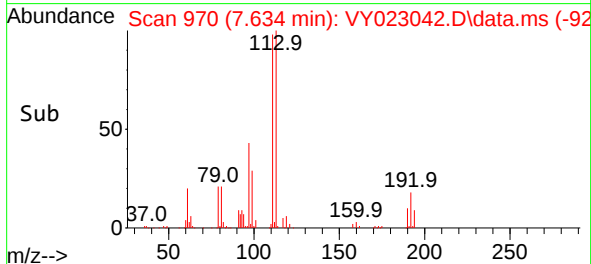
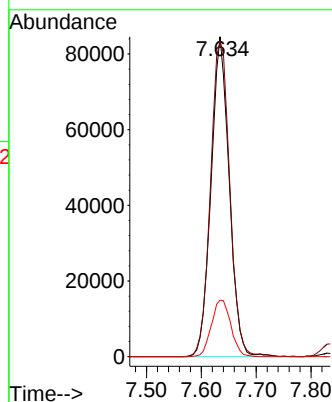
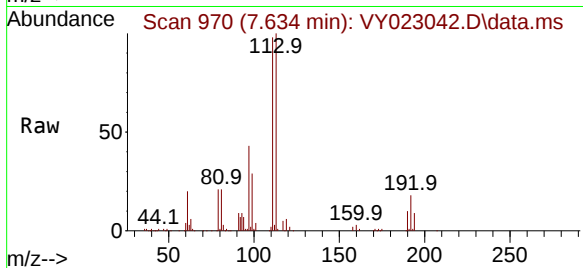




#35
Dibromofluoromethane
Concen: 49.148 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

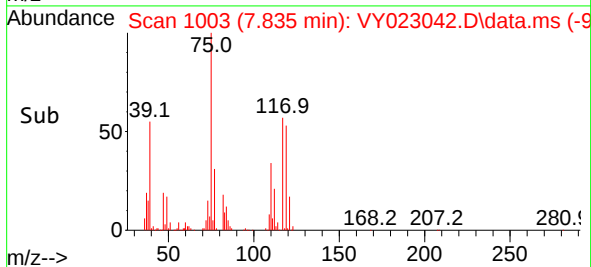
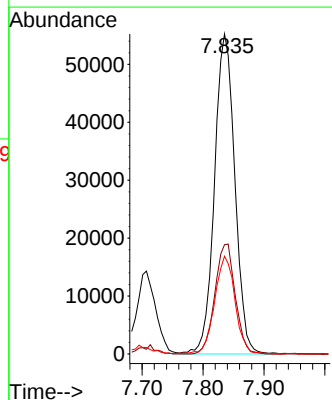
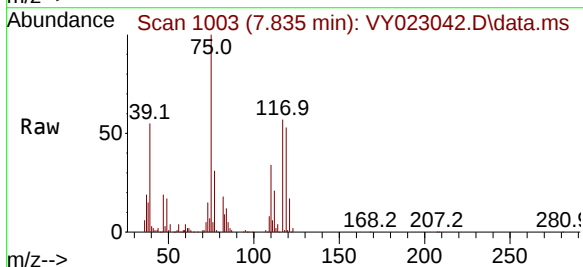
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

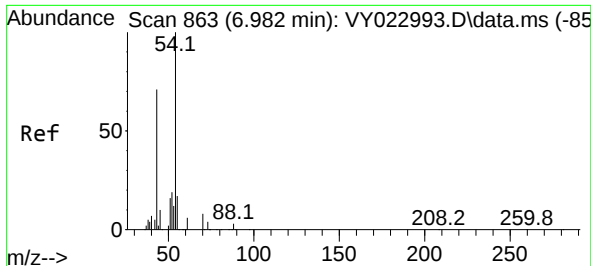
Tgt Ion:113 Resp: 194981
Ion Ratio Lower Upper
113 100
111 104.4 83.2 124.8
192 18.9 15.3 22.9



#36
1,1-Dichloropropene
Concen: 20.500 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 75 Resp: 128106
Ion Ratio Lower Upper
75 100
110 34.3 17.3 51.9
77 30.8 24.6 37.0

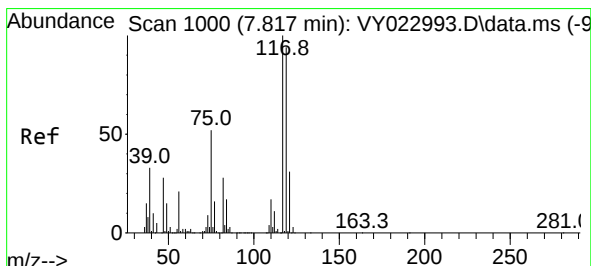
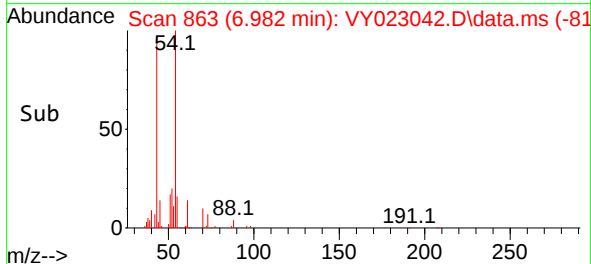
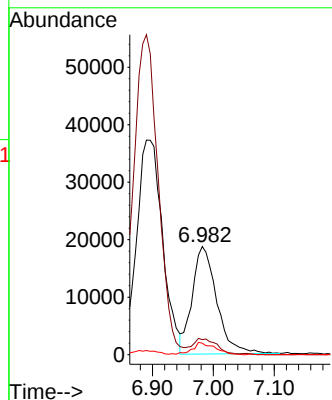
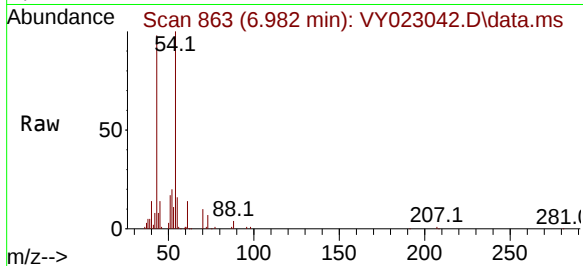




#37
Ethyl Acetate
Concen: 22.561 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

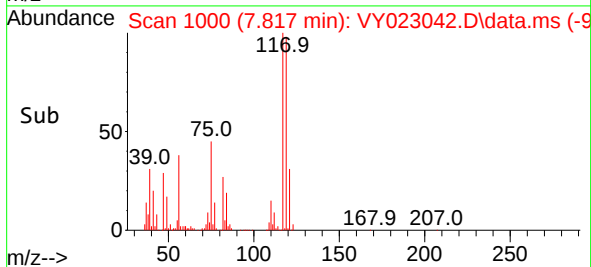
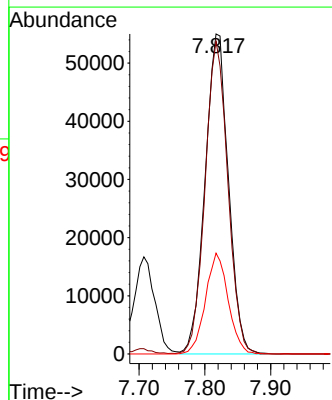
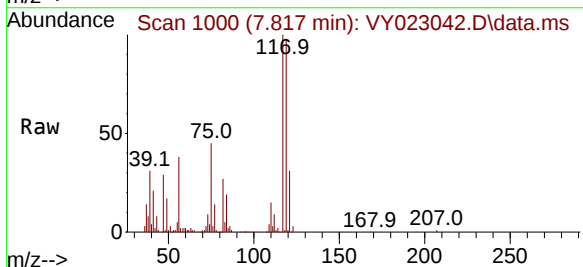
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

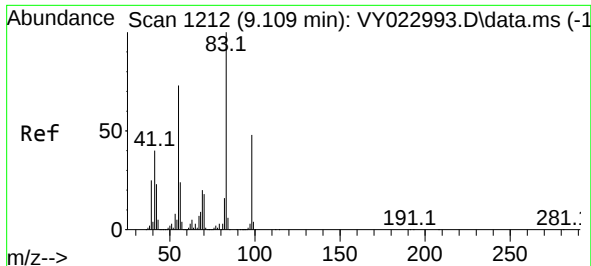
Tgt Ion: 43 Resp: 52361
Ion Ratio Lower Upper
43 100
61 14.1 11.6 17.4
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.020 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 117 Resp: 135921
Ion Ratio Lower Upper
117 100
119 97.7 74.9 112.3
121 31.5 24.6 37.0





#39

Methylcyclohexane

Concen: 19.484 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBSD01

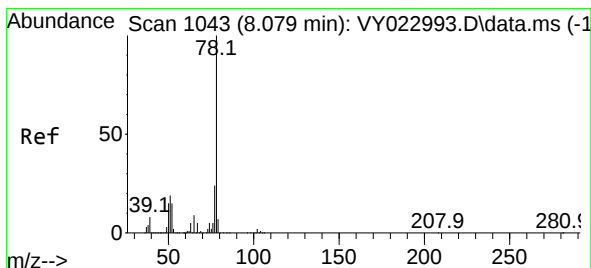
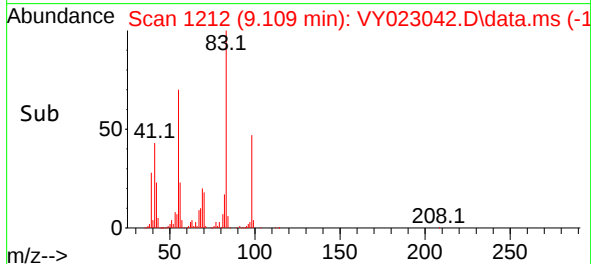
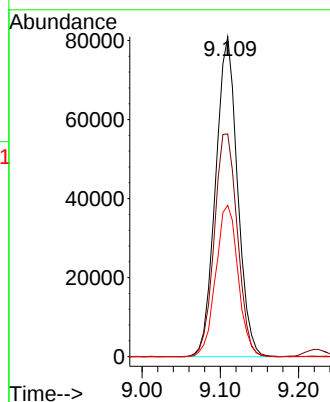
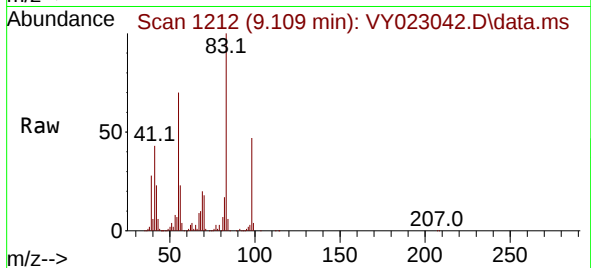
Tgt Ion: 83 Resp: 157593

Ion Ratio Lower Upper

83 100

55 69.6 58.1 87.1

98 47.3 38.5 57.7



#40

Benzene

Concen: 20.885 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023042.D

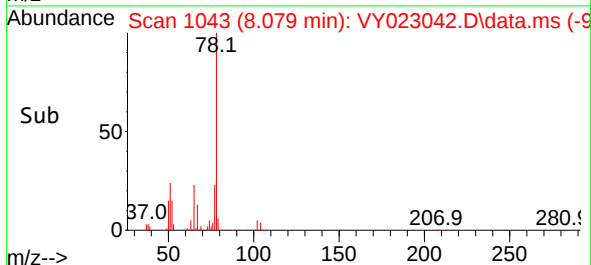
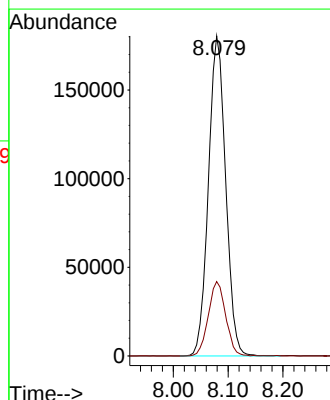
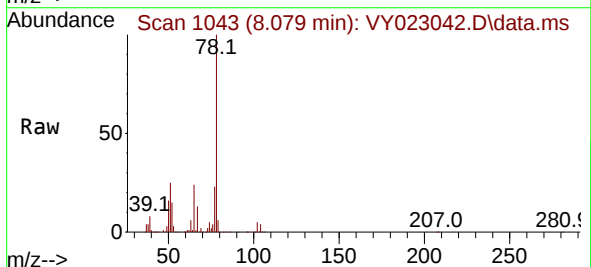
Acq: 22 Jul 2025 13:38

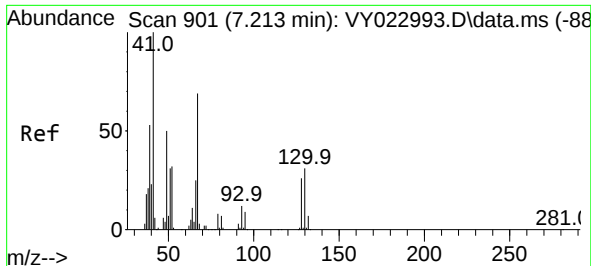
Tgt Ion: 78 Resp: 392961

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4

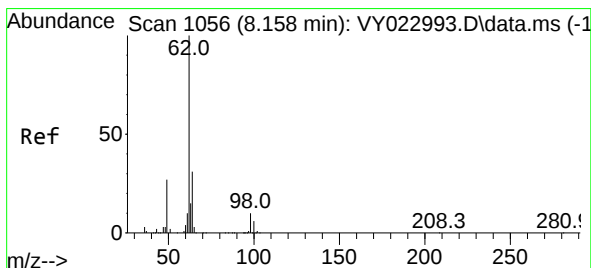
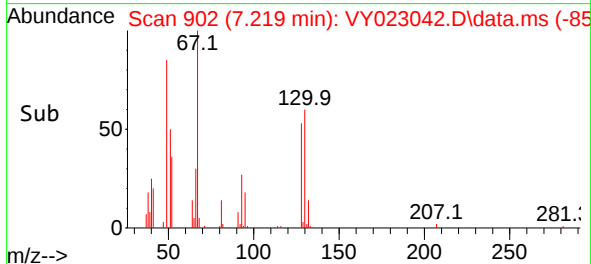
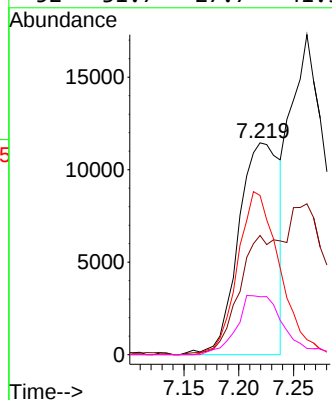
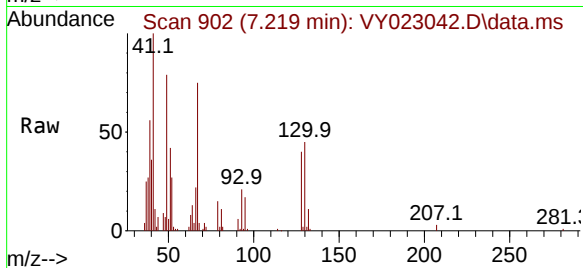




#41
Methacrylonitrile
Concen: 23.516 ug/l
RT: 7.219 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

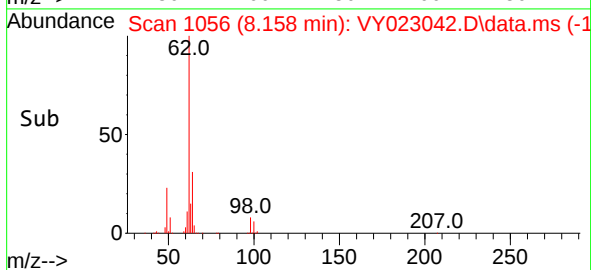
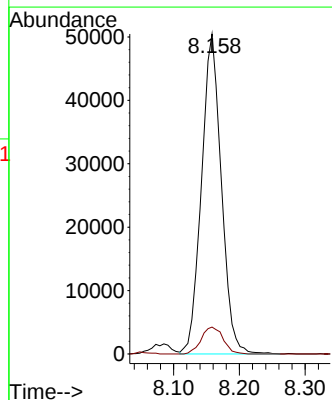
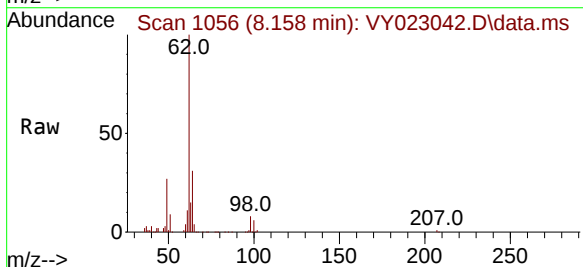
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

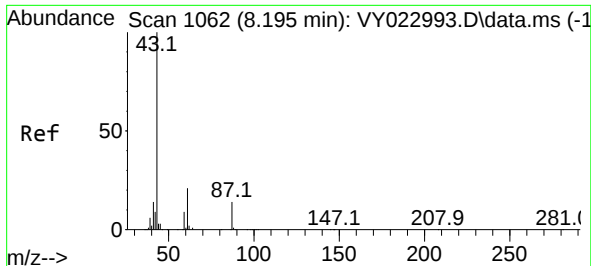
Tgt Ion:	41	Resp:	29732
Ion	Ratio	Lower	Upper
41	100		
39	55.4	50.0	75.0
67	79.7	65.4	98.2
52	31.7	27.7	41.5



#42
1,2-Dichloroethane
Concen: 22.638 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion:	62	Resp:	105970
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0

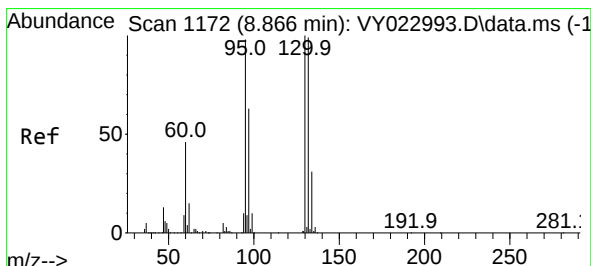
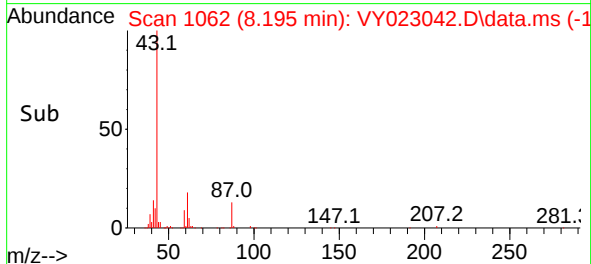
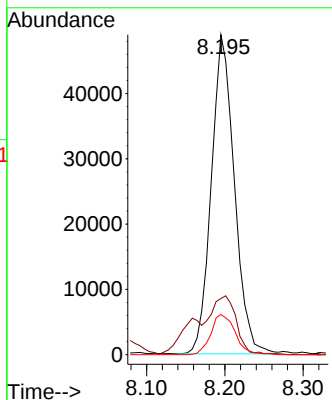
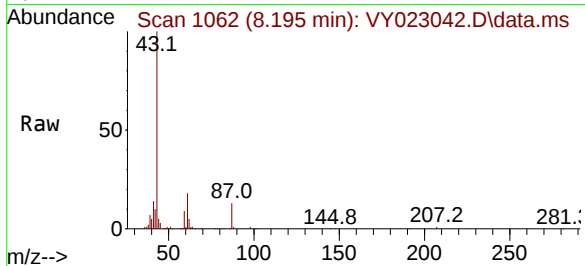




#43
Isopropyl Acetate
Concen: 21.724 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

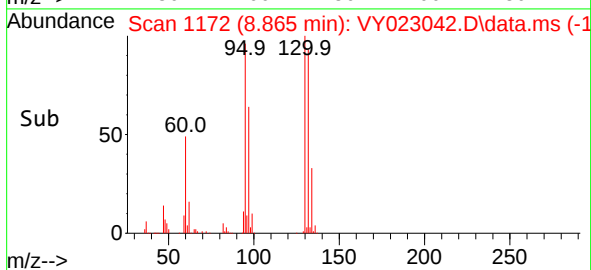
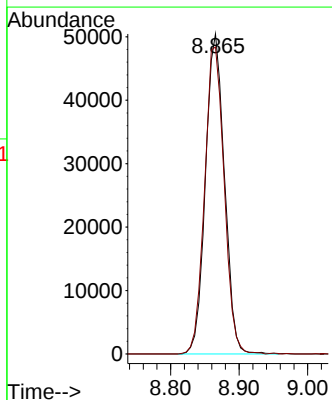
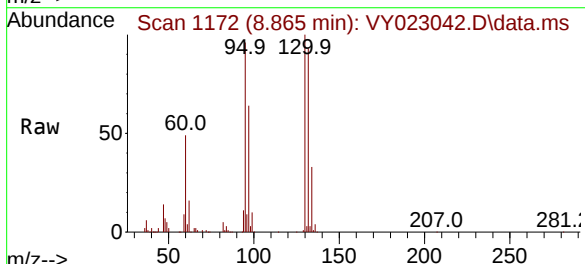
Instrument : MSVOA_Y
ClientSampleId : VY0722SBSD01

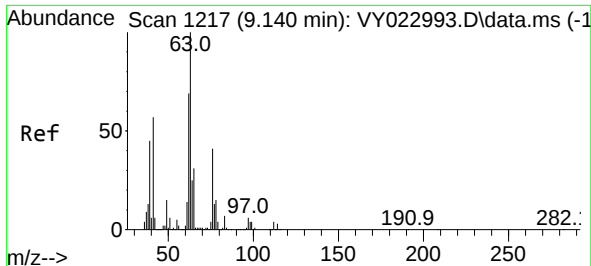
Tgt Ion: 43 Resp: 100150
Ion Ratio Lower Upper
43 100
61 20.9 25.0 37.4#
87 13.3 11.1 16.7



#44
Trichloroethene
Concen: 20.124 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion:130 Resp: 97256
Ion Ratio Lower Upper
130 100
95 96.0 0.0 195.8





#45

1,2-Dichloropropane

Concen: 21.138 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

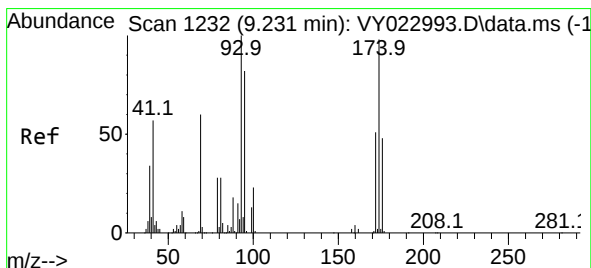
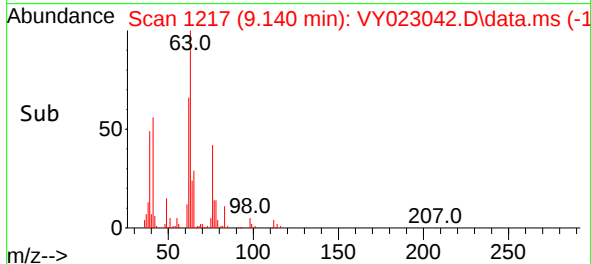
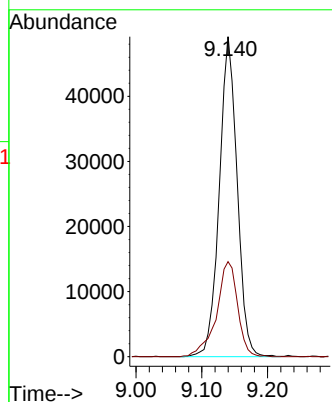
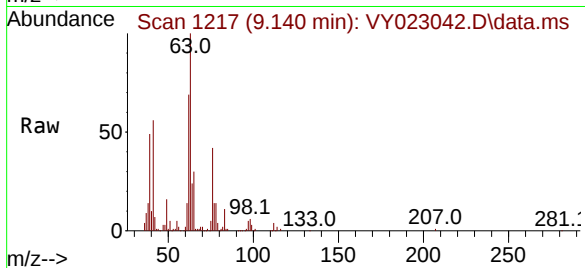
VY0722SBSD01

Tgt Ion: 63 Resp: 92880

Ion Ratio Lower Upper

63 100

65 29.7 24.6 37.0



#46

Dibromomethane

Concen: 22.194 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

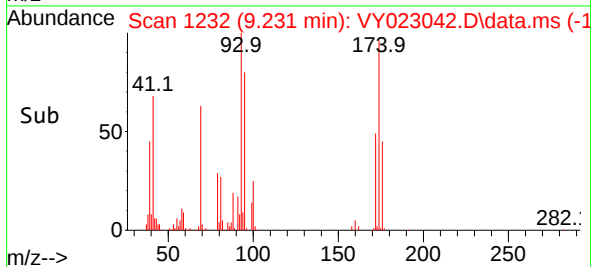
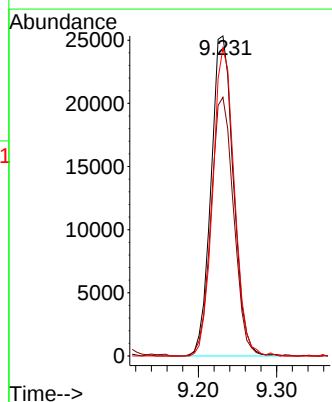
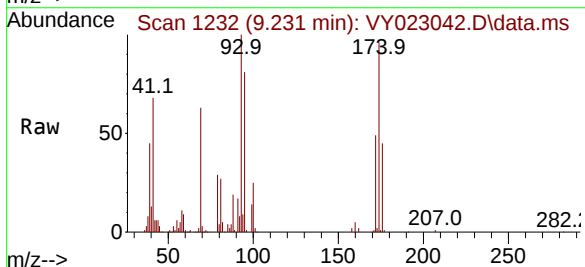
Tgt Ion: 93 Resp: 50405

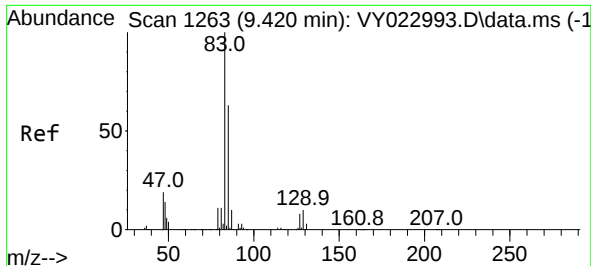
Ion Ratio Lower Upper

93 100

95 81.7 65.9 98.9

174 92.9 76.4 114.6





#47

Bromodichloromethane

Concen: 21.394 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBSD01

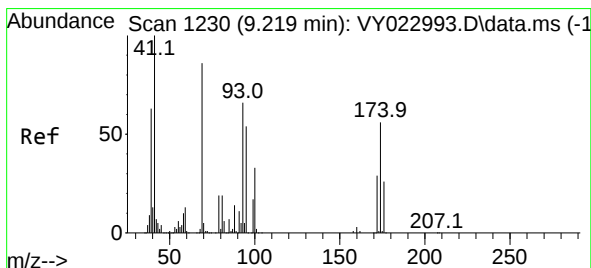
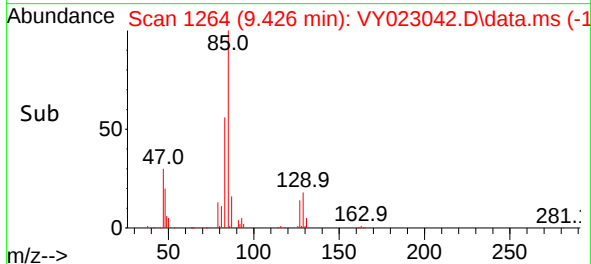
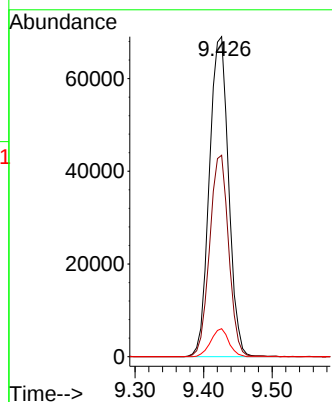
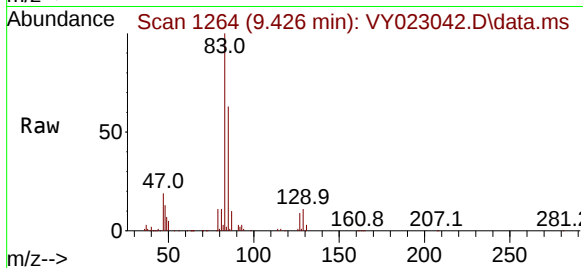
Tgt Ion: 83 Resp: 134308

Ion Ratio Lower Upper

83 100

85 63.0 50.6 75.8

127 8.8 6.5 9.7



#48

Methyl methacrylate

Concen: 21.199 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

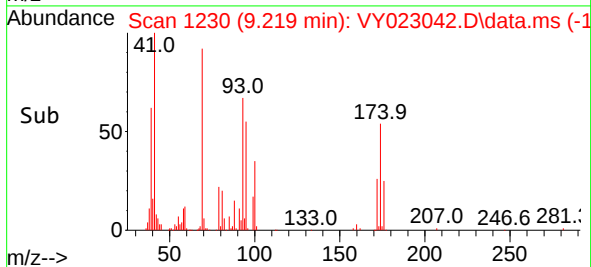
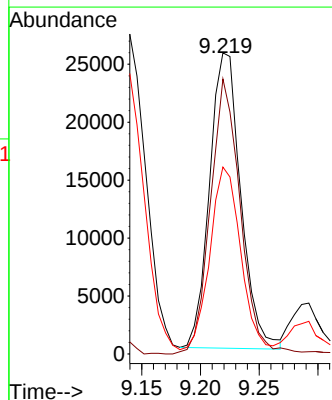
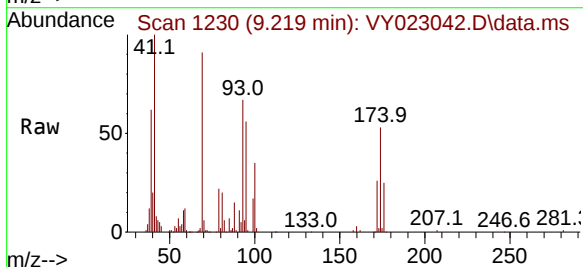
Tgt Ion: 41 Resp: 47182

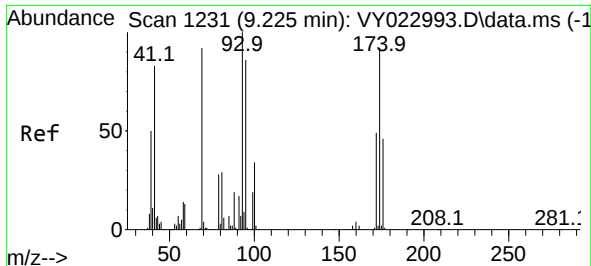
Ion Ratio Lower Upper

41 100

69 89.7 71.4 107.0

39 60.6 47.8 71.8





#49

1,4-Dioxane

Concen: 448.538 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

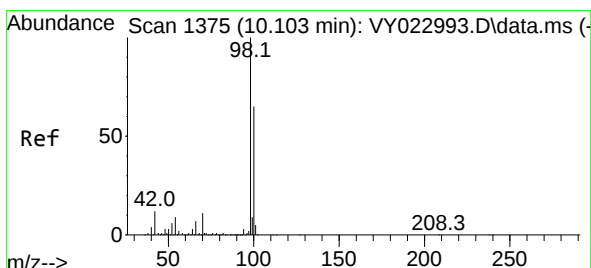
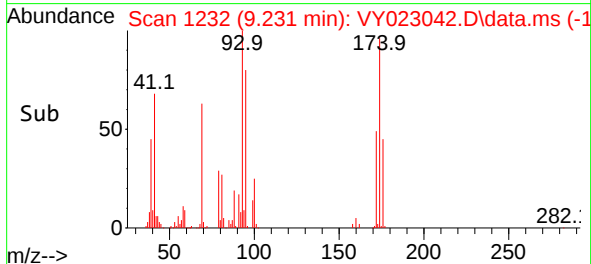
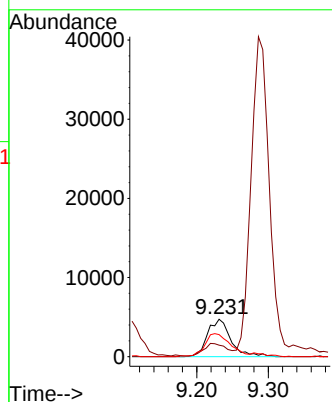
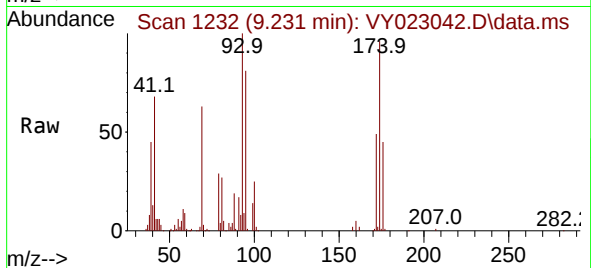
Tgt Ion: 88 Resp: 10738

Ion Ratio Lower Upper

88 100

43 32.0 28.7 43.1

58 67.4 59.8 89.6



#50

Toluene-d8

Concen: 48.658 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023042.D

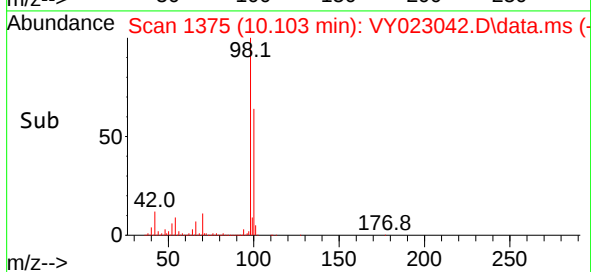
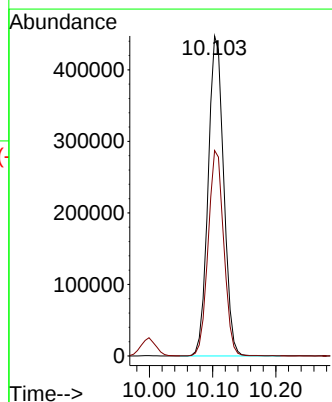
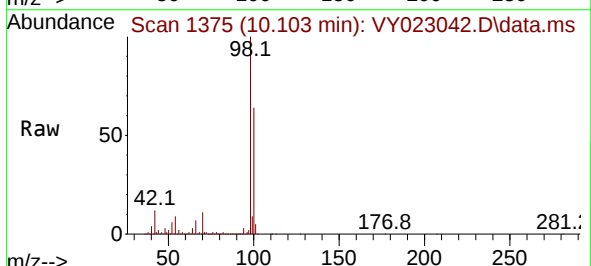
Acq: 22 Jul 2025 13:38

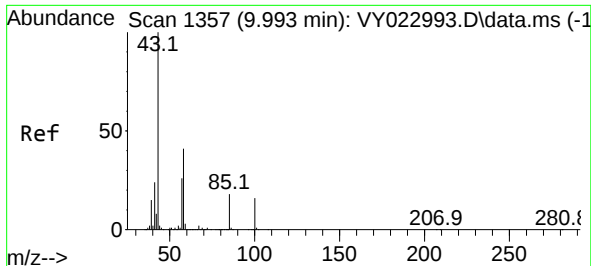
Tgt Ion: 98 Resp: 765515

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2

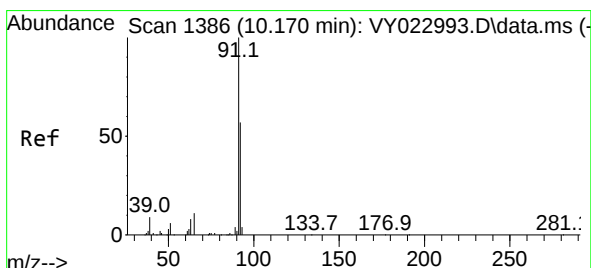
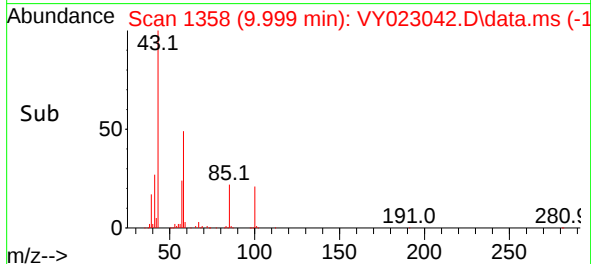
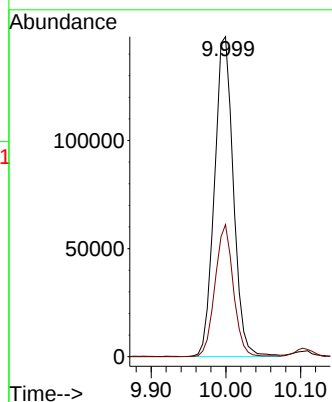
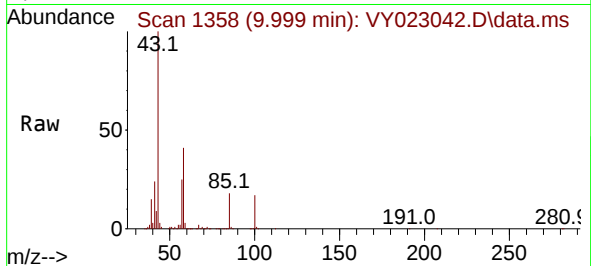




#51
4-Methyl-2-Pentanone
Concen: 111.191 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

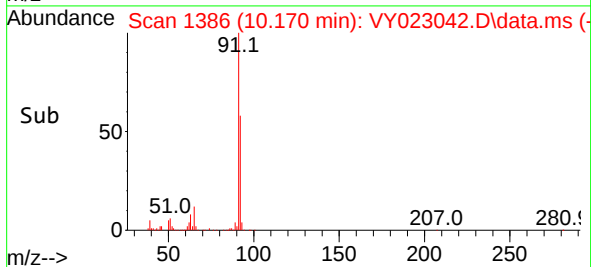
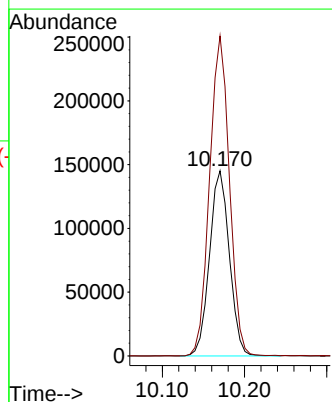
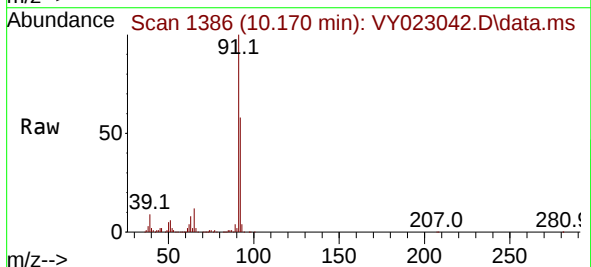
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

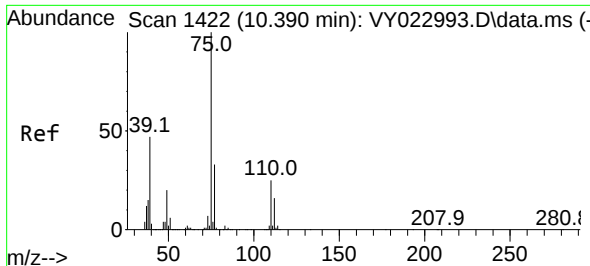
Tgt Ion: 43 Resp: 260183
Ion Ratio Lower Upper
43 100
58 40.1 32.5 48.7



#52
Toluene
Concen: 20.805 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 92 Resp: 243384
Ion Ratio Lower Upper
92 100
91 173.0 137.8 206.6

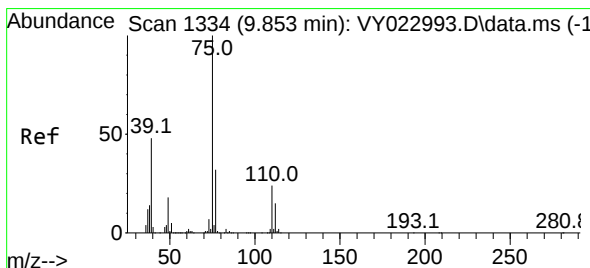
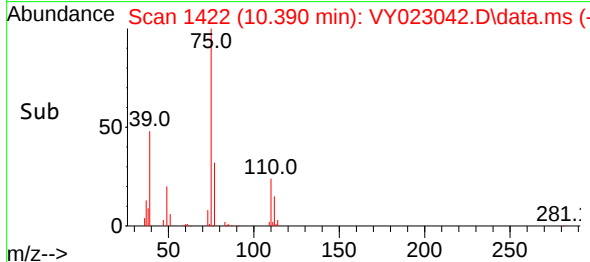
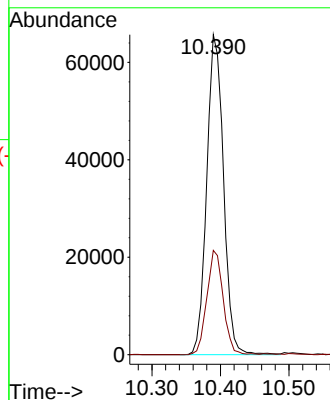
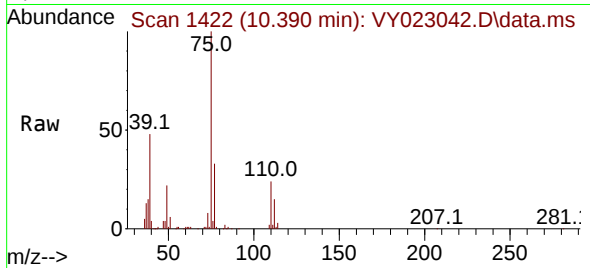




#53
t-1,3-Dichloropropene
Concen: 20.798 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

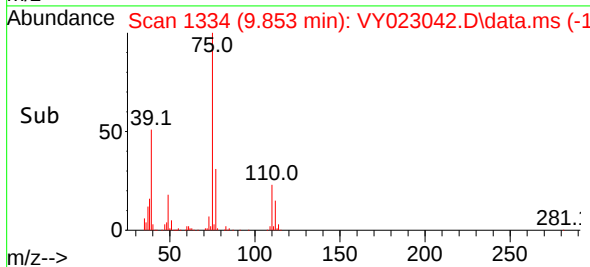
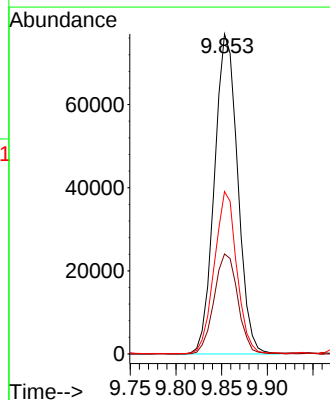
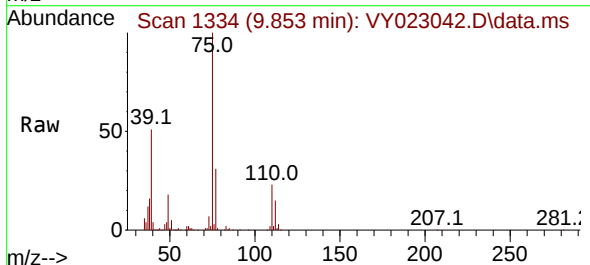
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

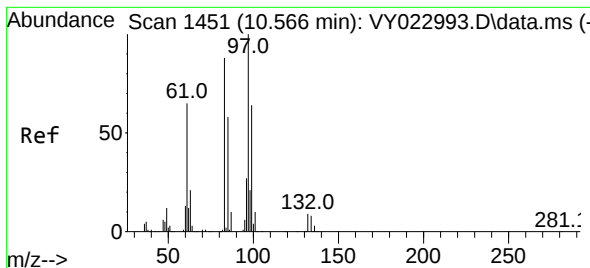
Tgt Ion: 75 Resp: 112081
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 20.997 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 75 Resp: 136383
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 50.6 38.2 57.2

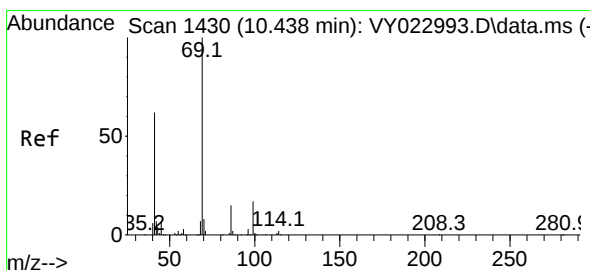
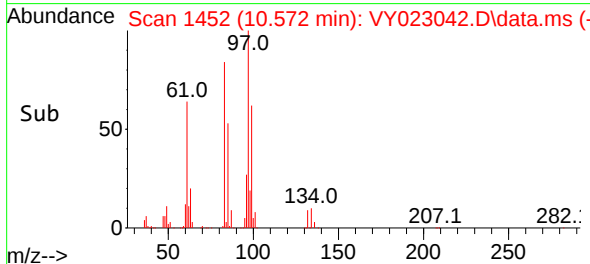
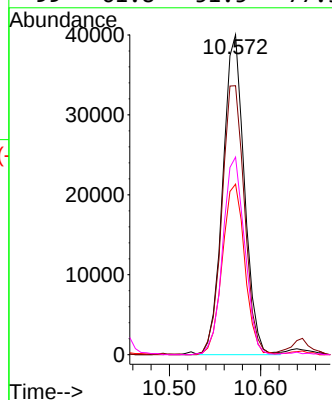
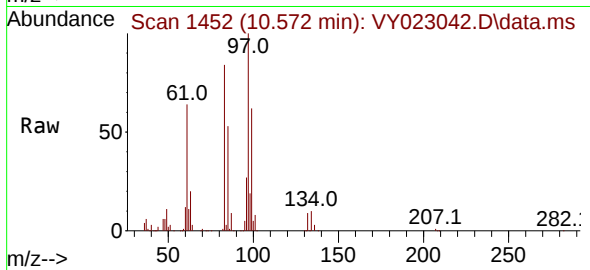




#55
1,1,2-Trichloroethane
Concen: 22.092 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

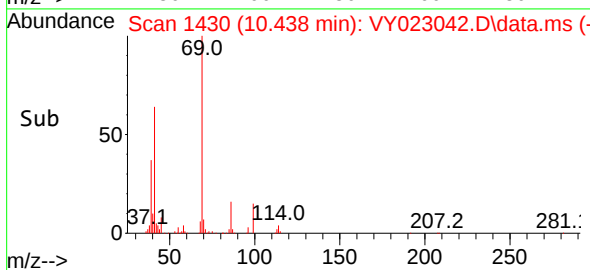
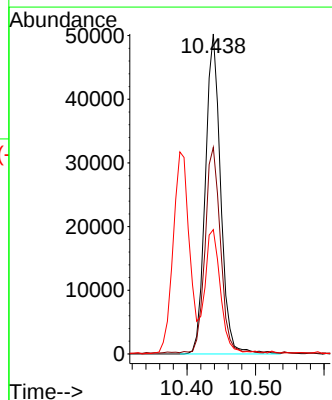
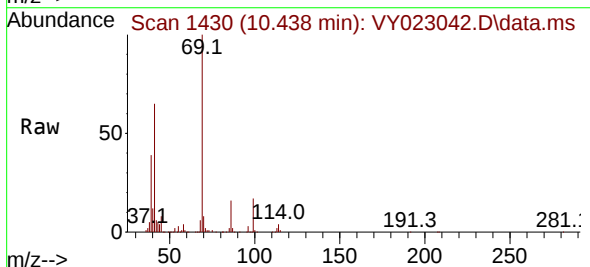
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

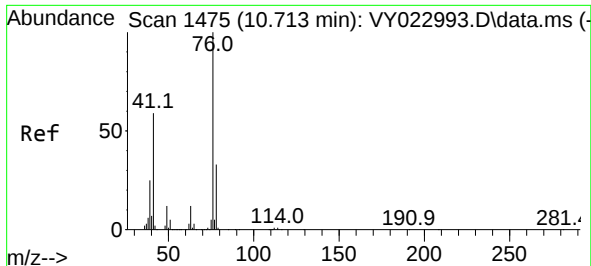
Tgt Ion: 97	Resp: 65948
Ion Ratio	Lower Upper
97 100	
83 83.8	70.2 105.2
85 53.3	46.2 69.2
99 61.8	51.5 77.3



#56
Ethyl methacrylate
Concen: 20.926 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 69	Resp: 77979
Ion Ratio	Lower Upper
69 100	
41 64.4	51.0 76.4
39 38.6	30.6 46.0





#57

1,3-Dichloropropane

Concen: 21.954 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

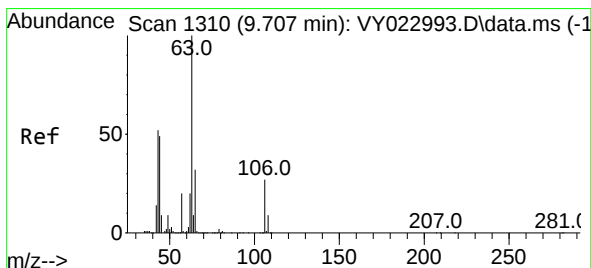
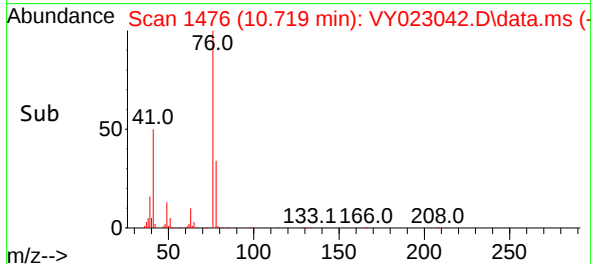
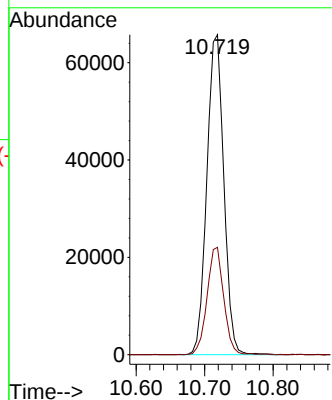
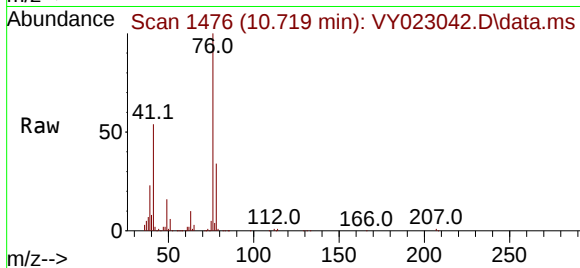
VY0722SBS01

Tgt Ion: 76 Resp: 113207

Ion Ratio Lower Upper

76 100

78 33.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 106.071 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023042.D

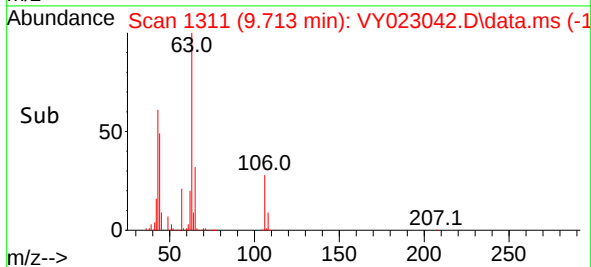
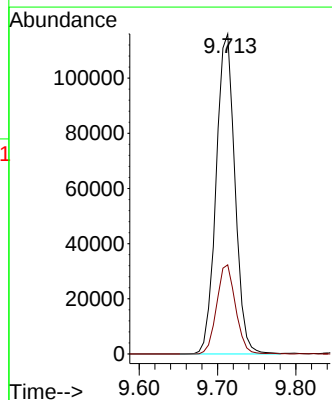
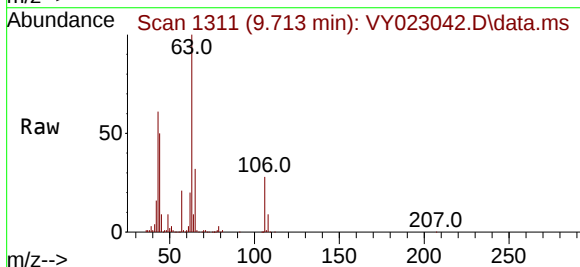
Acq: 22 Jul 2025 13:38

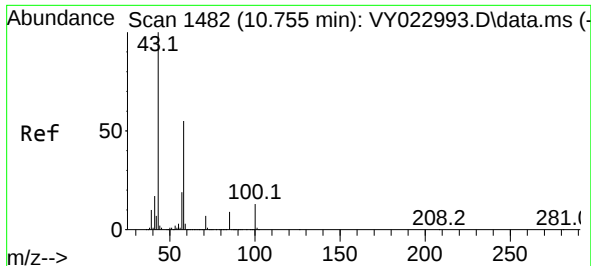
Tgt Ion: 63 Resp: 193483

Ion Ratio Lower Upper

63 100

106 28.0 22.6 33.8

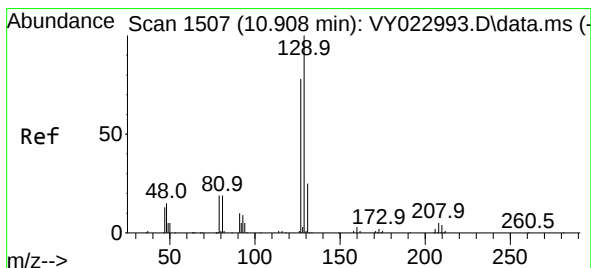
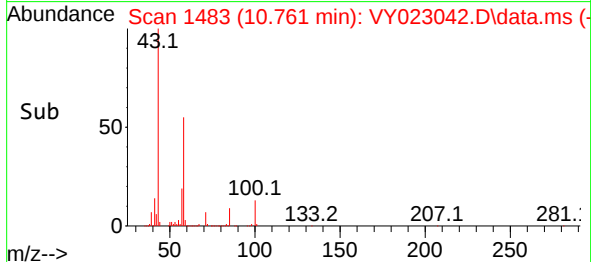
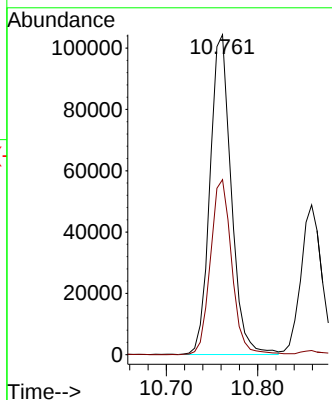
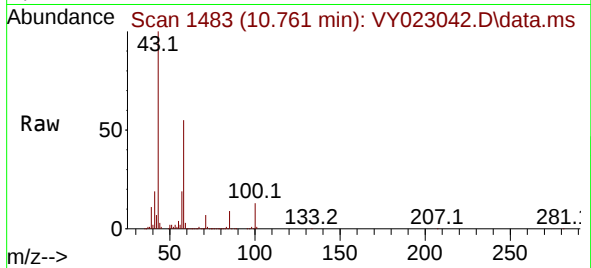




#59
2-Hexanone
Concen: 109.568 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

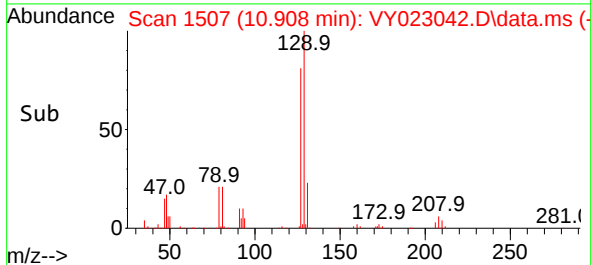
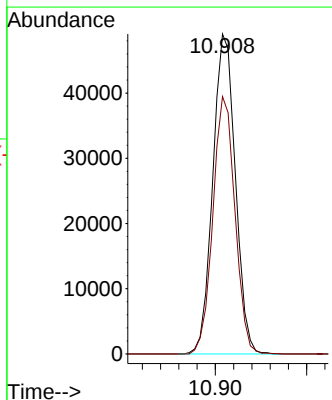
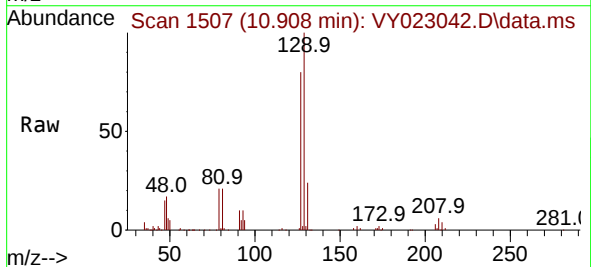
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

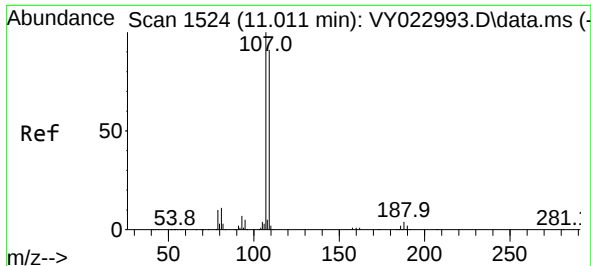
Tgt Ion: 43 Resp: 168525
Ion Ratio Lower Upper
43 100
58 55.0 28.1 84.3



#60
Dibromochloromethane
Concen: 21.501 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 129 Resp: 84045
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1

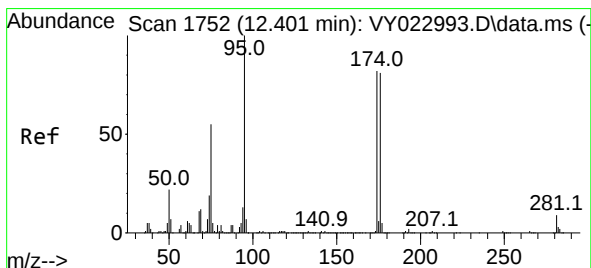
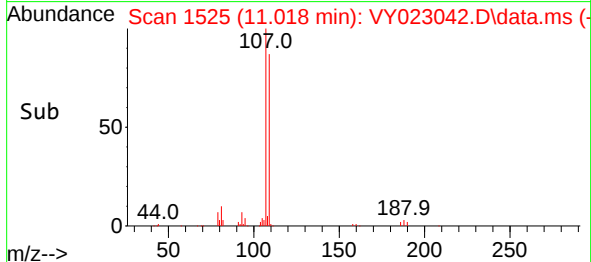
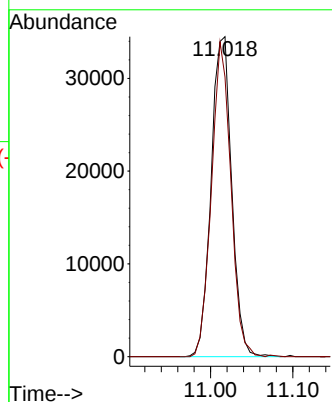
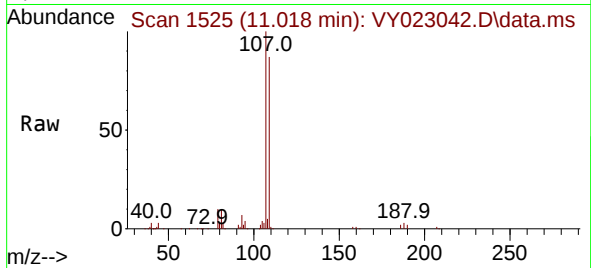




#61
1,2-Dibromoethane
Concen: 22.114 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

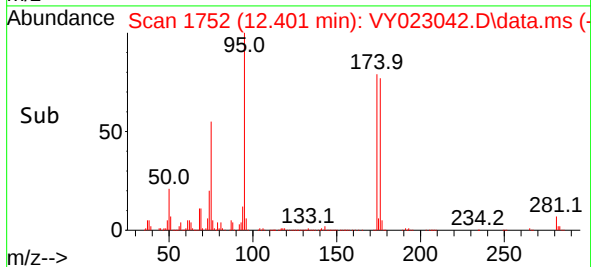
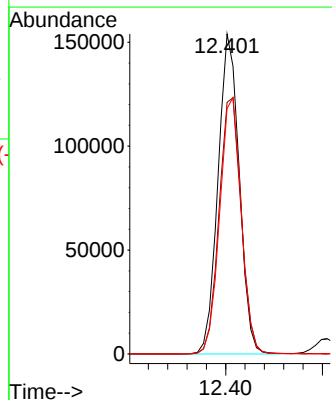
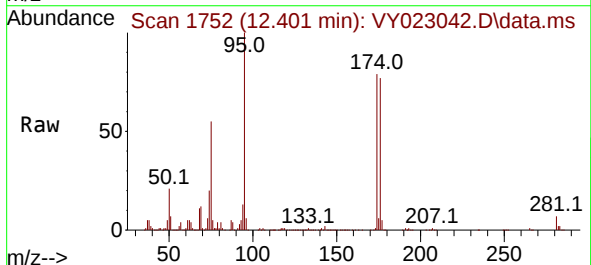
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

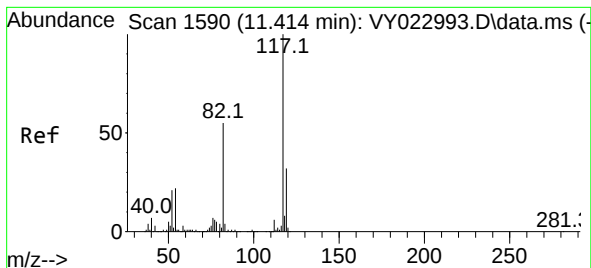
Tgt Ion:107 Resp: 59946
Ion Ratio Lower Upper
107 100
109 92.5 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 47.234 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 95 Resp: 233921
Ion Ratio Lower Upper
95 100
174 83.3 0.0 170.8
176 81.5 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

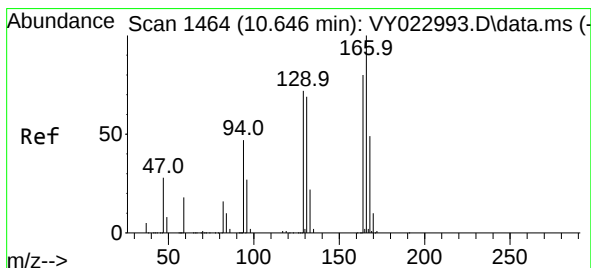
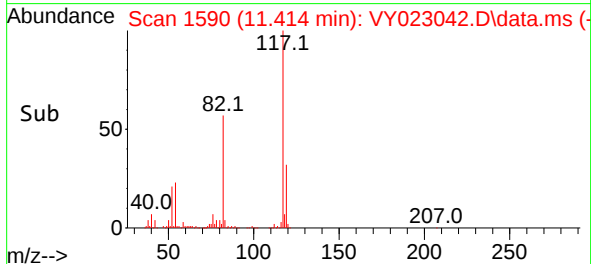
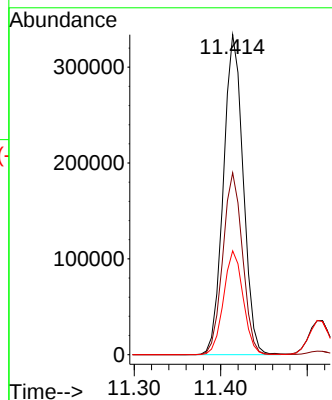
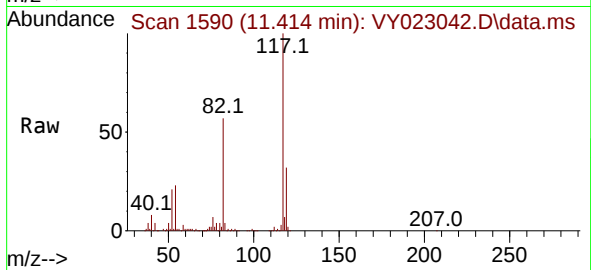
Tgt Ion:117 Resp: 530259

Ion Ratio Lower Upper

117 100

82 56.9 44.3 66.5

119 32.5 25.8 38.8



#64

Tetrachloroethene

Concen: 19.575 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Tgt Ion:164 Resp: 106097

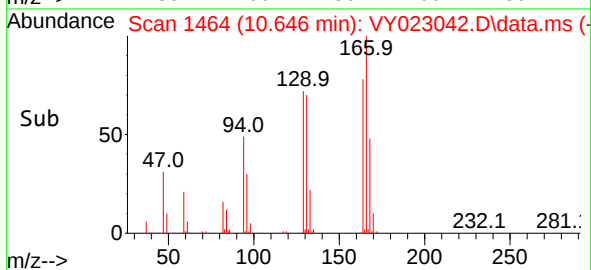
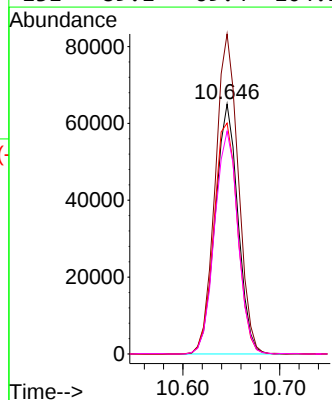
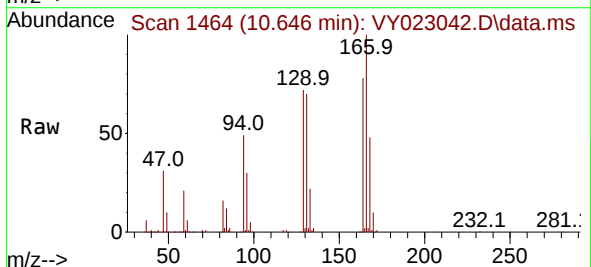
Ion Ratio Lower Upper

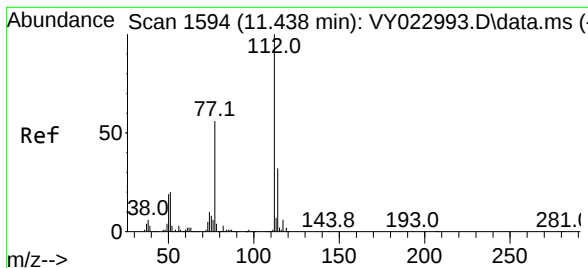
164 100

166 128.0 100.2 150.2

129 92.4 71.7 107.5

131 89.1 69.4 104.2





#65

Chlorobenzene

Concen: 20.257 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

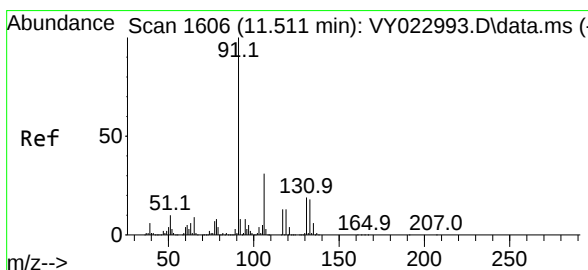
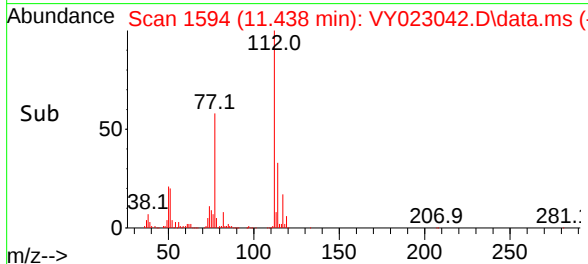
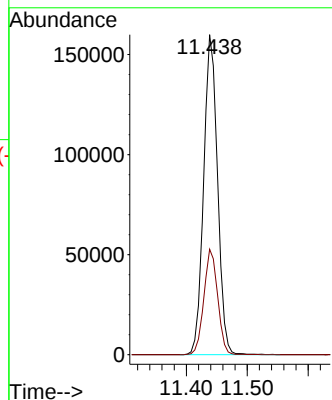
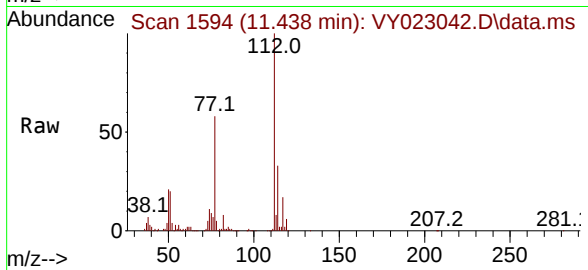
VY0722SBSD01

Tgt Ion:112 Resp: 253467

Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.364 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

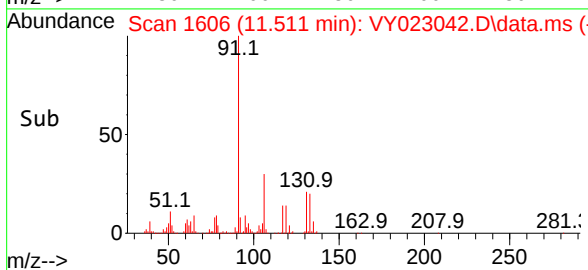
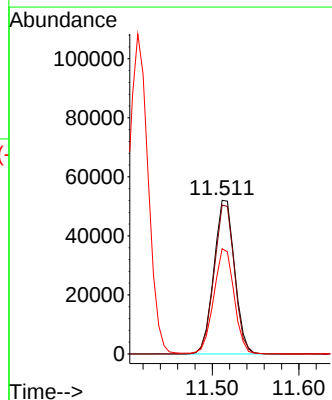
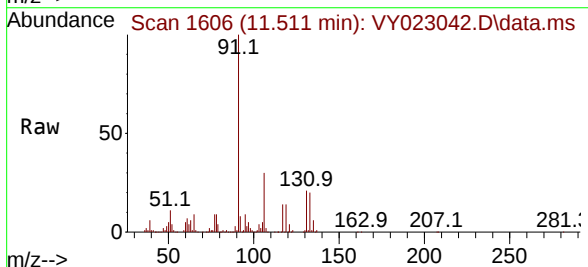
Tgt Ion:131 Resp: 86910

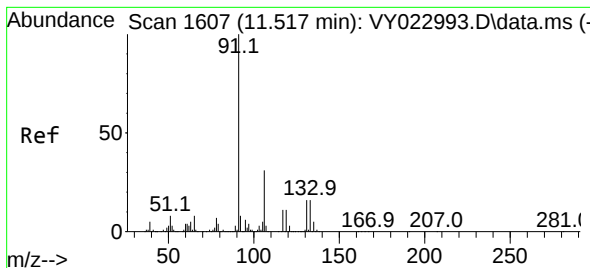
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 67.2 33.3 99.8

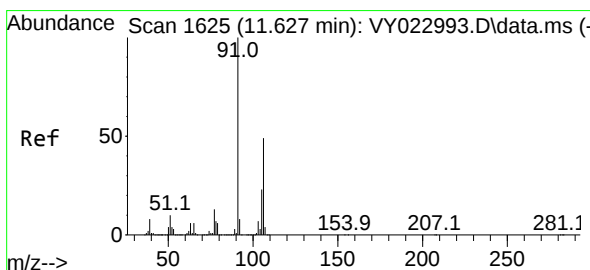
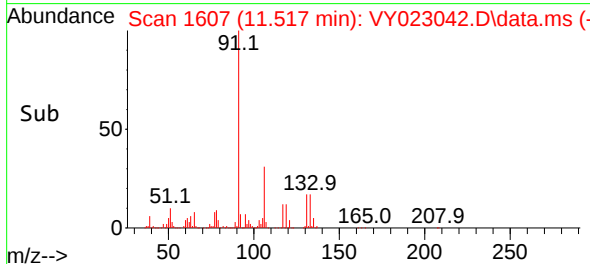
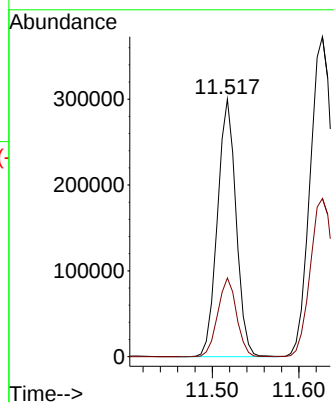
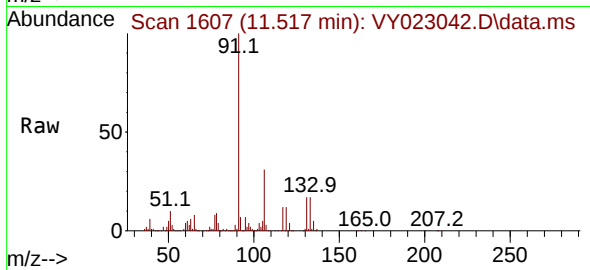




#67
Ethyl Benzene
Concen: 20.172 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

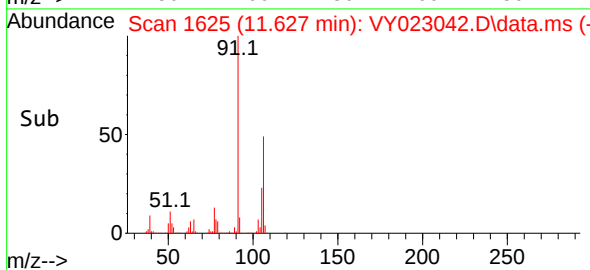
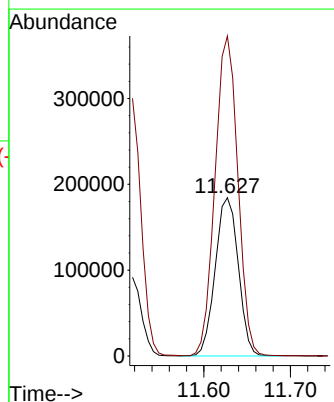
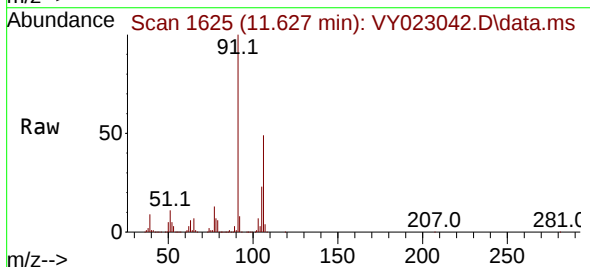
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

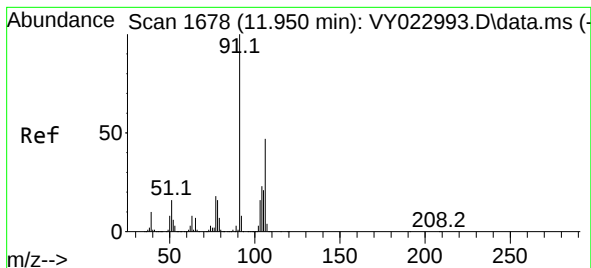
Tgt Ion: 91 Resp: 447391
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0



#68
m/p-Xylenes
Concen: 40.089 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion:106 Resp: 341034
Ion Ratio Lower Upper
106 100
91 200.1 159.8 239.8





#69

o-Xylene

Concen: 20.021 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

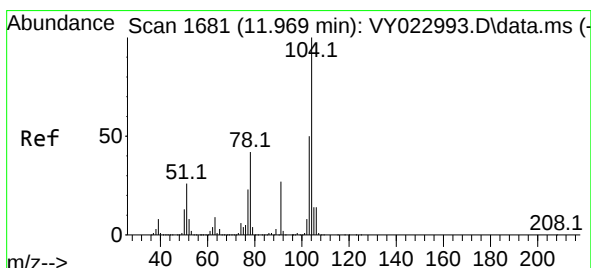
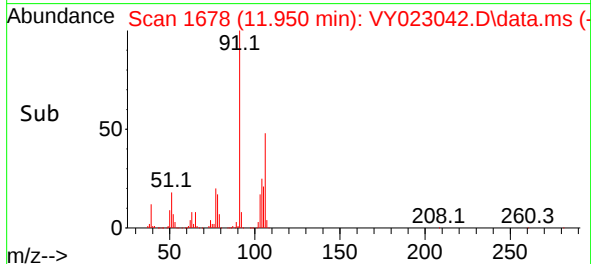
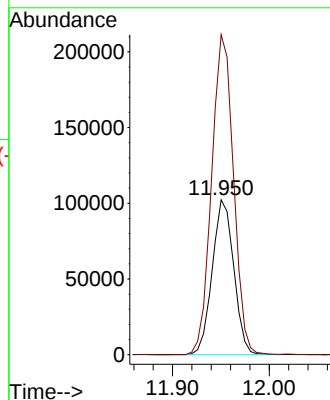
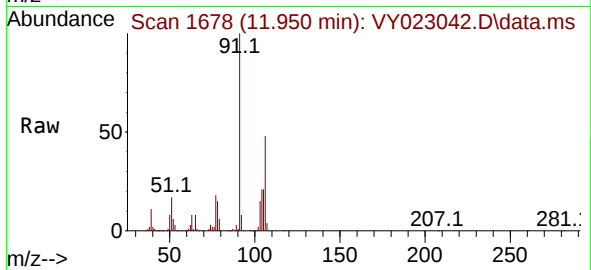
VY0722SBS01

Tgt Ion:106 Resp: 158061

Ion Ratio Lower Upper

106 100

91 210.5 106.3 318.8



#70

Styrene

Concen: 20.166 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

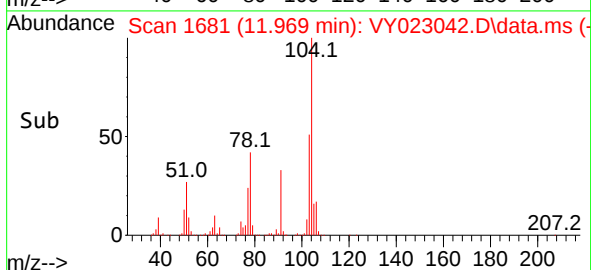
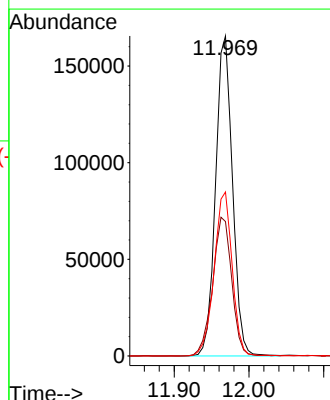
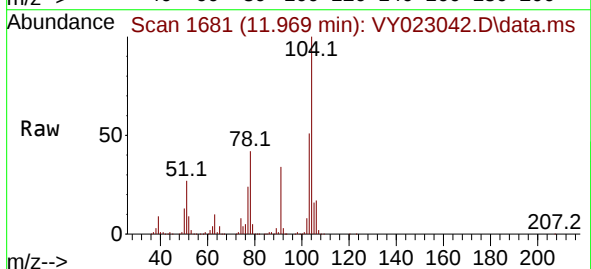
Tgt Ion:104 Resp: 260782

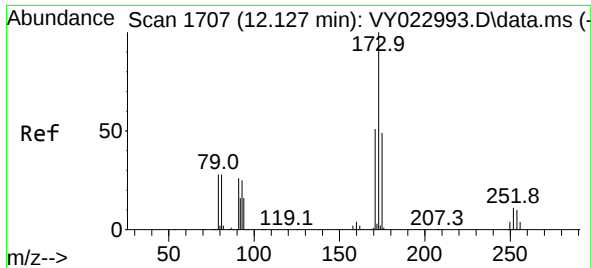
Ion Ratio Lower Upper

104 100

78 49.1 39.0 58.6

103 54.9 43.7 65.5

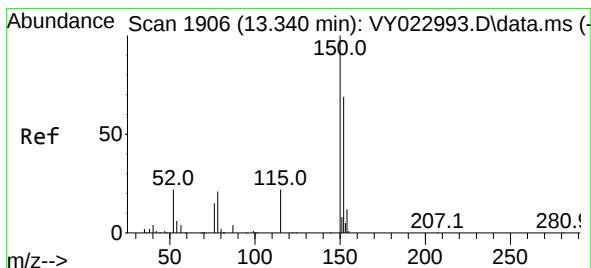
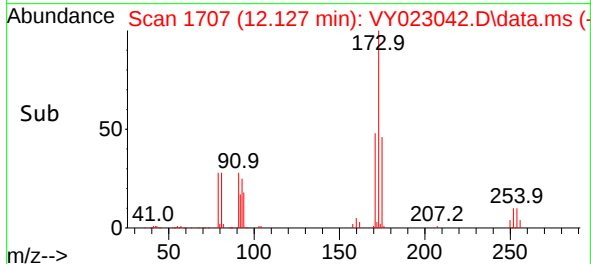
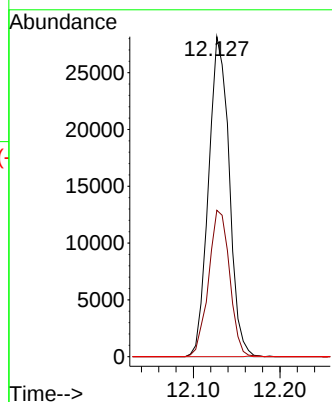
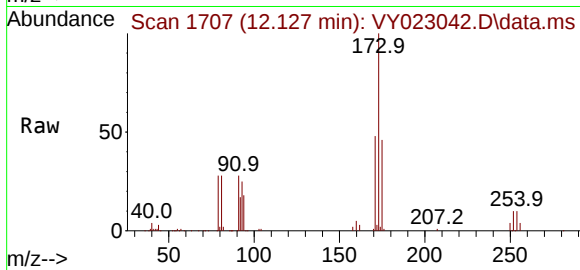




#71
Bromoform
Concen: 21.504 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

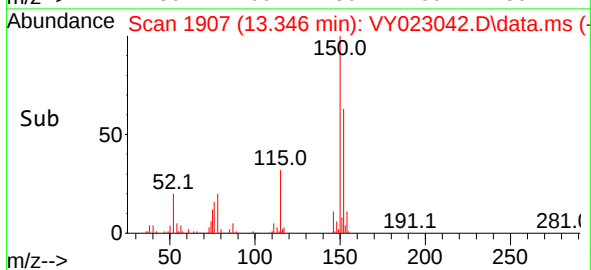
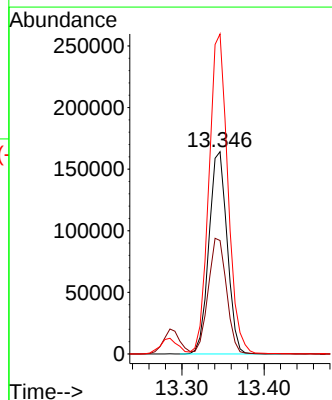
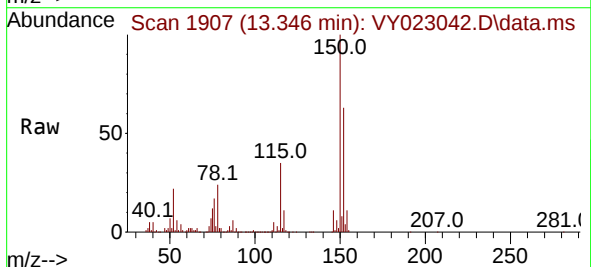
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

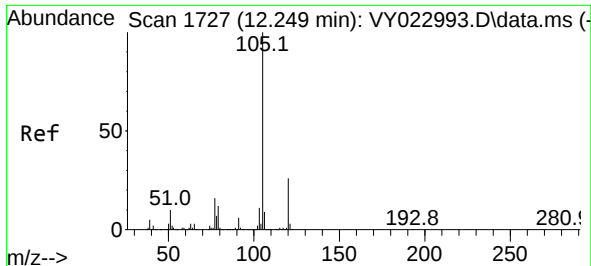
Tgt Ion:173 Resp: 46591
Ion Ratio Lower Upper
173 100
175 46.8 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion:152 Resp: 252311
Ion Ratio Lower Upper
152 100
115 57.6 29.4 88.2
150 164.8 0.0 350.0

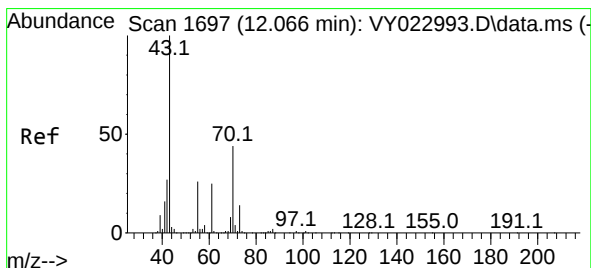
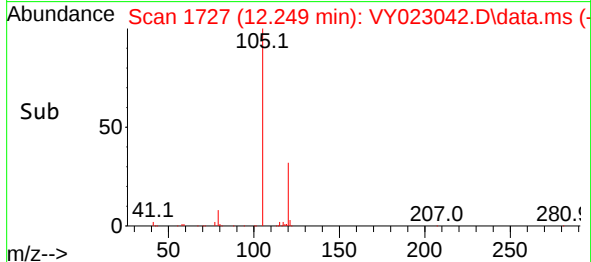
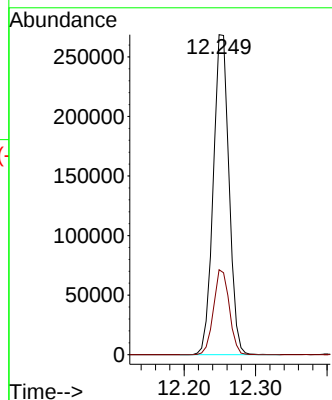
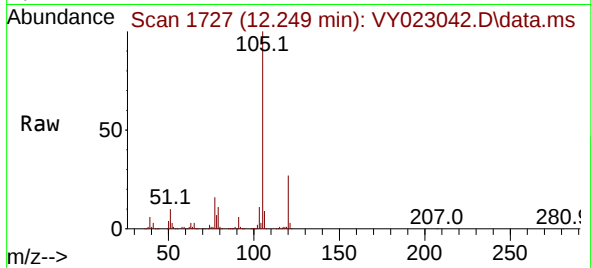




#73
Isopropylbenzene
Concen: 19.205 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

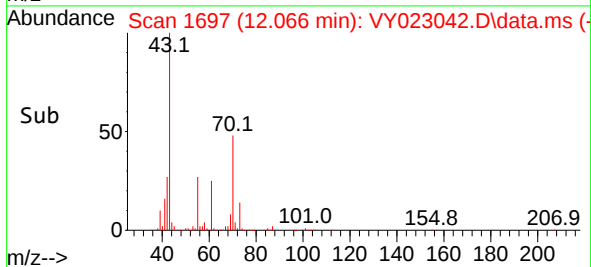
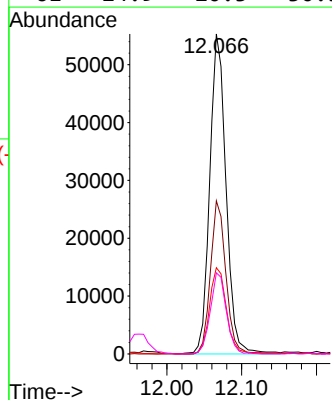
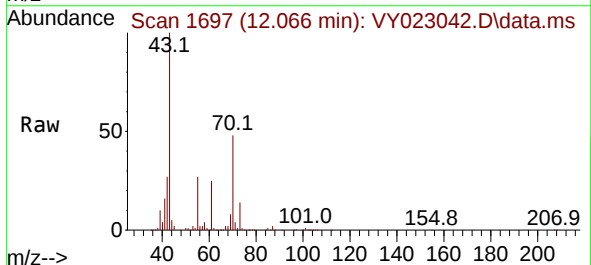
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

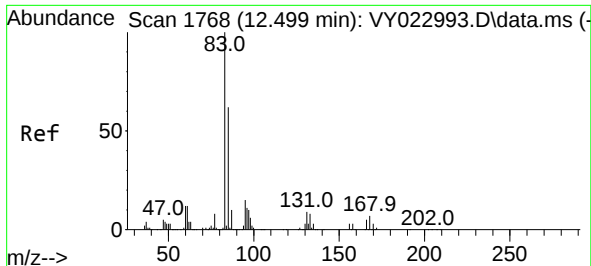
Tgt Ion:105 Resp: 410821
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 20.775 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 43 Resp: 83785
Ion Ratio Lower Upper
43 100
70 45.5 36.2 54.2
55 28.0 20.9 31.3
61 24.9 20.3 30.5

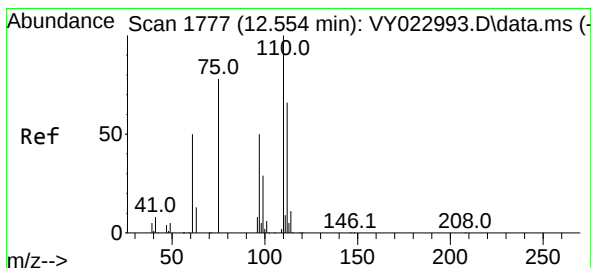
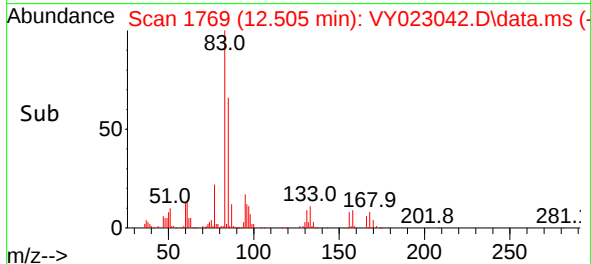
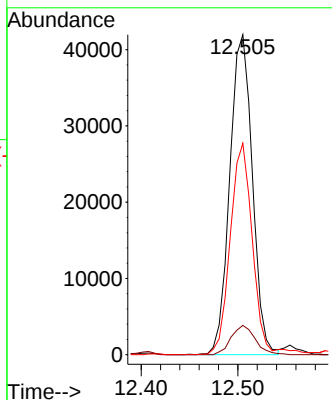
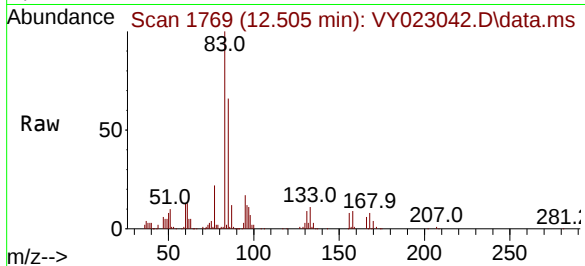




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.009 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023042.D
 Acq: 22 Jul 2025 13:38

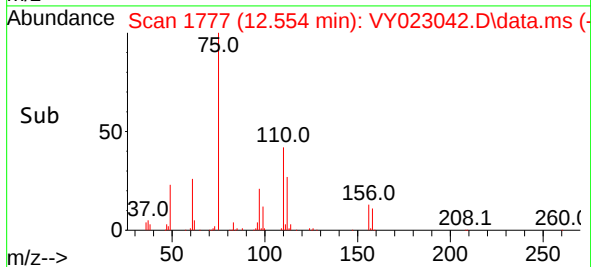
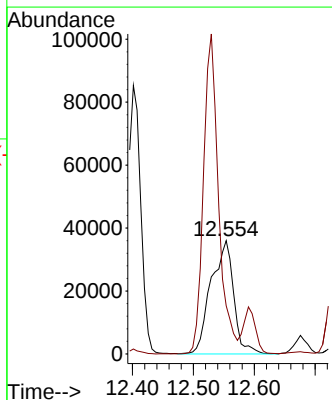
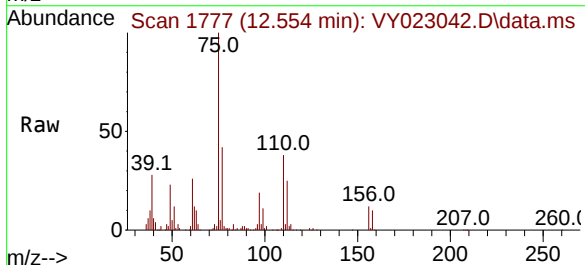
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

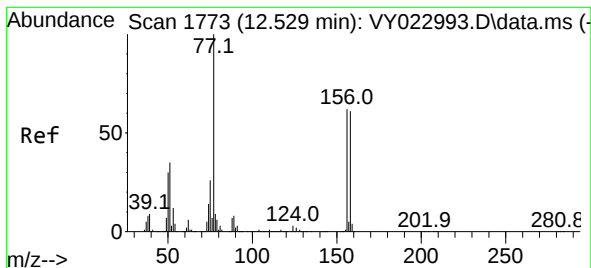
Tgt Ion: 83 Resp: 68131
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.4
 85 65.4 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 29.729 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023042.D
 Acq: 22 Jul 2025 13:38

Tgt Ion: 75 Resp: 93469
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.844 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBSD01

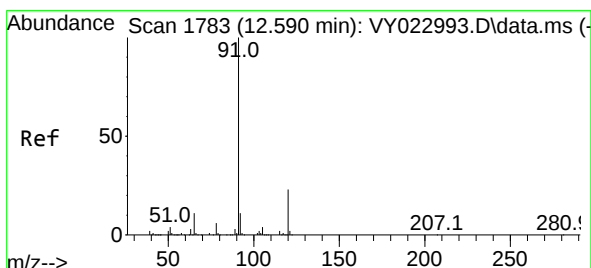
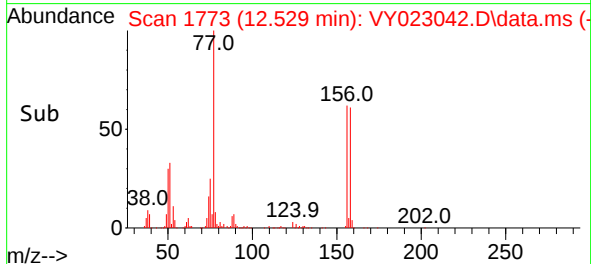
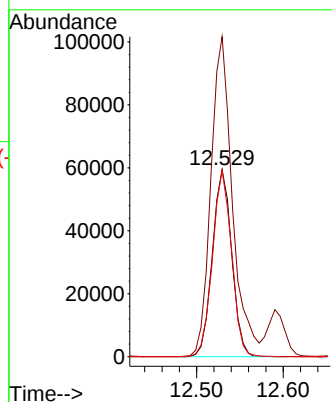
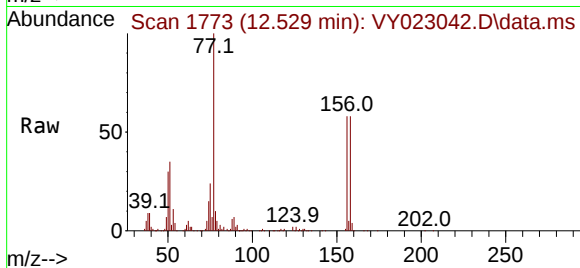
Tgt Ion:156 Resp: 92066

Ion Ratio Lower Upper

156 100

77 189.9 92.0 276.1

158 98.5 48.6 145.9



#78

n-propylbenzene

Concen: 20.024 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023042.D

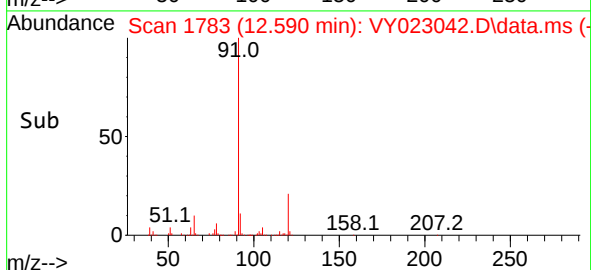
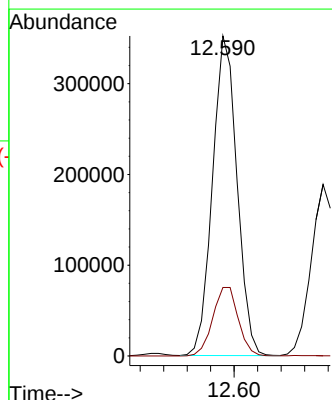
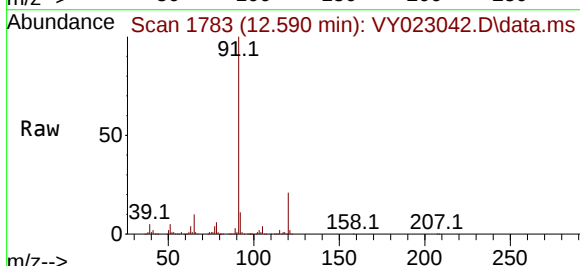
Acq: 22 Jul 2025 13:38

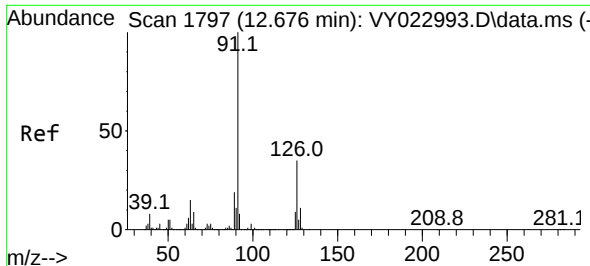
Tgt Ion: 91 Resp: 510084

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.8

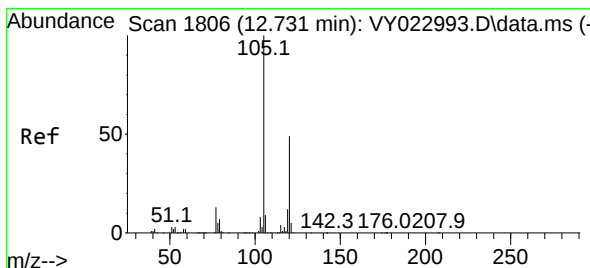
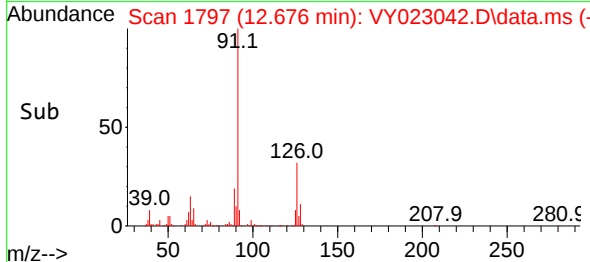
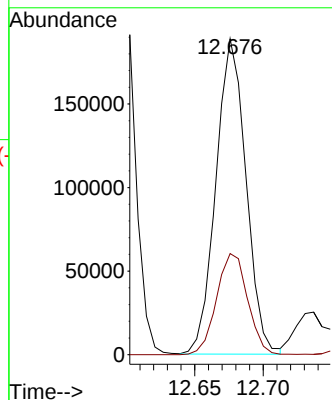
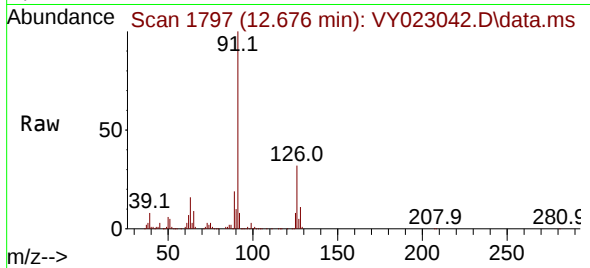




#79
2-Chlorotoluene
Concen: 20.125 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

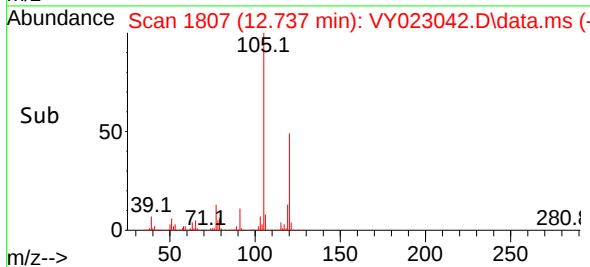
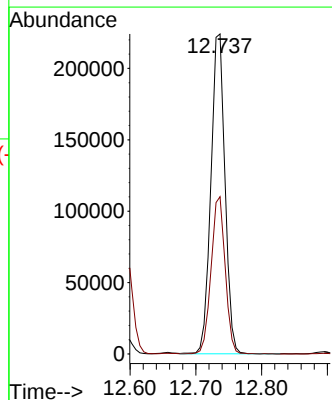
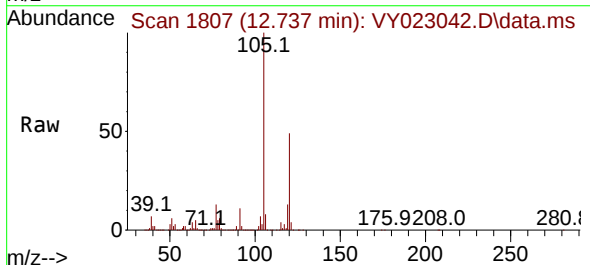
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

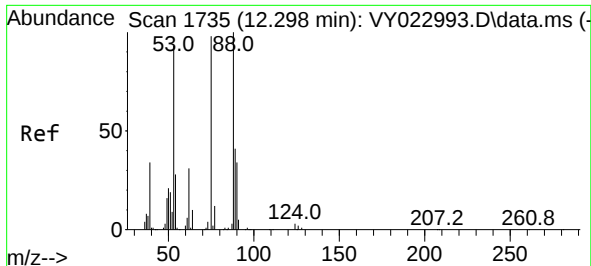
Tgt Ion: 91 Resp: 288334
Ion Ratio Lower Upper
91 100
126 33.1 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 19.785 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 105 Resp: 333795
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.8

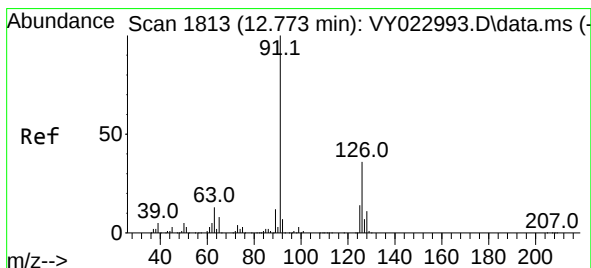
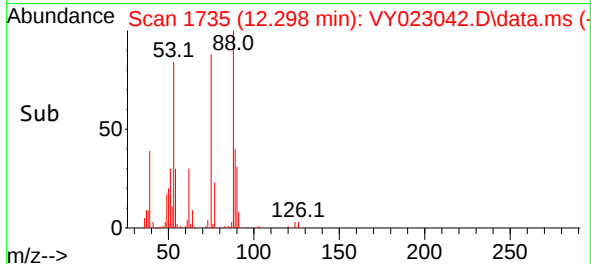
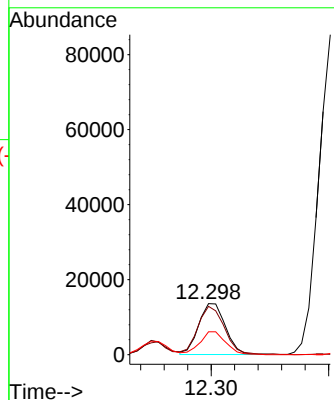
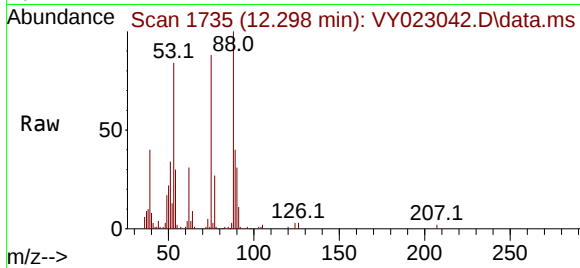




#81
trans-1,4-Dichloro-2-butene
Concen: 20.323 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

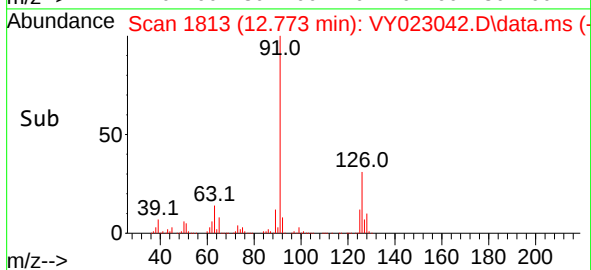
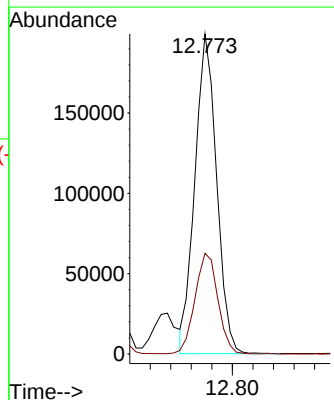
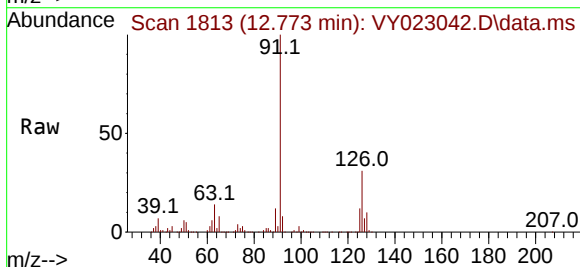
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

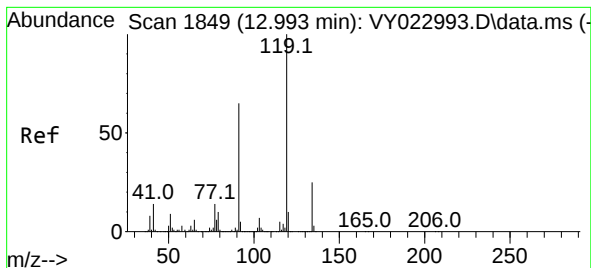
Tgt Ion: 75 Resp: 21452
Ion Ratio Lower Upper
75 100
53 92.8 76.1 114.1
89 43.9 36.1 54.1



#82
4-Chlorotoluene
Concen: 20.170 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 91 Resp: 291452
Ion Ratio Lower Upper
91 100
126 33.3 17.2 51.5





#83

tert-Butylbenzene

Concen: 19.469 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

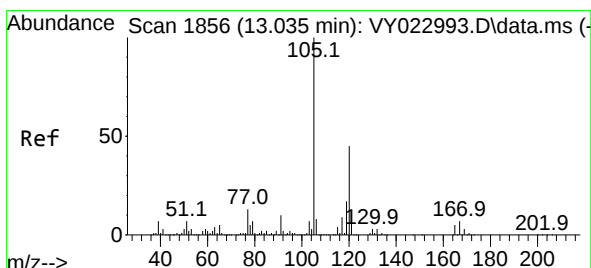
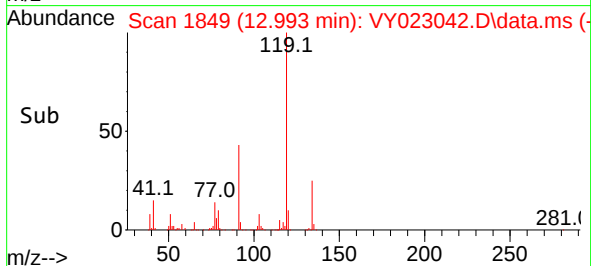
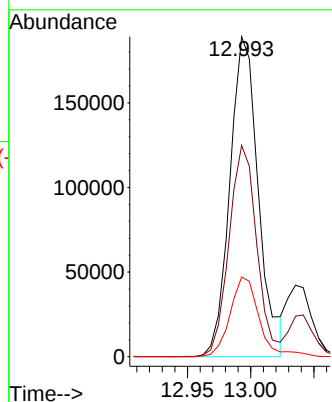
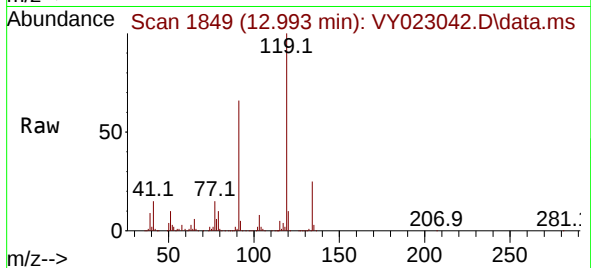
Tgt Ion:119 Resp: 296711

Ion Ratio Lower Upper

119 100

91 64.4 32.0 96.2

134 25.4 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 19.973 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023042.D

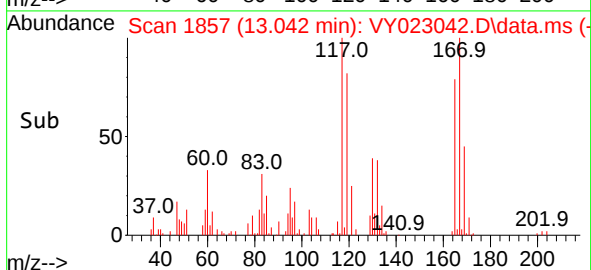
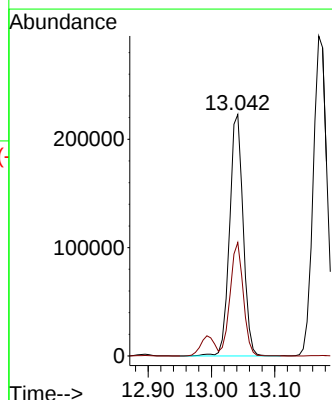
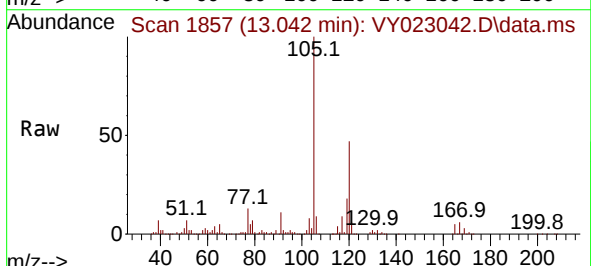
Acq: 22 Jul 2025 13:38

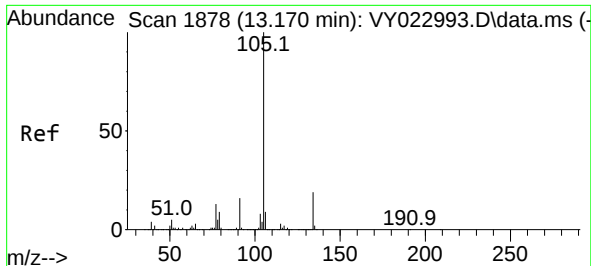
Tgt Ion:105 Resp: 331709

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.8

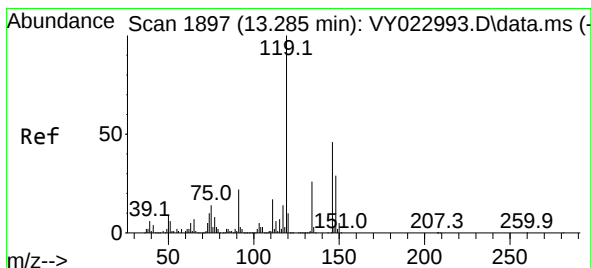
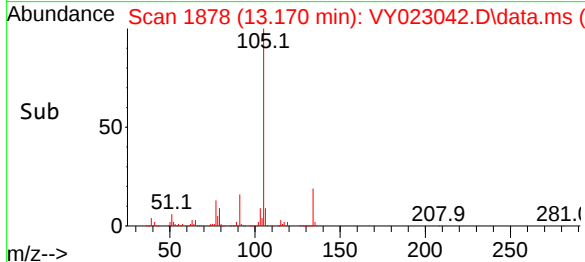
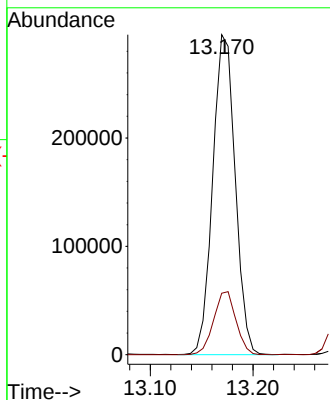
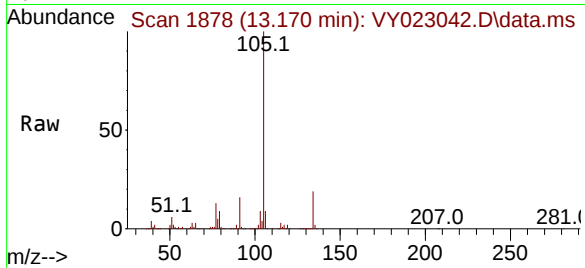




#85
 sec-Butylbenzene
 Concen: 19.611 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY023042.D
 Acq: 22 Jul 2025 13:38

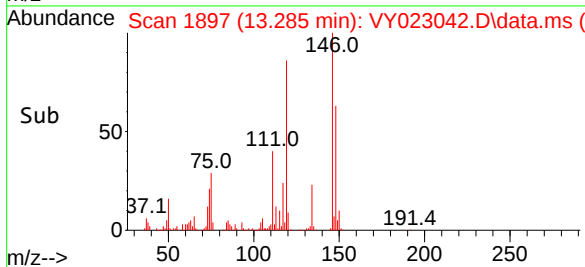
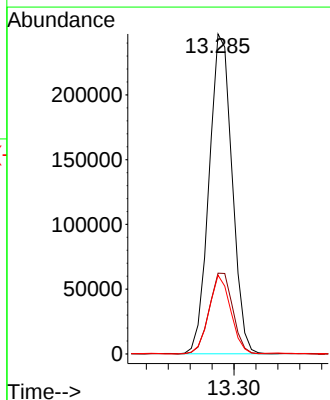
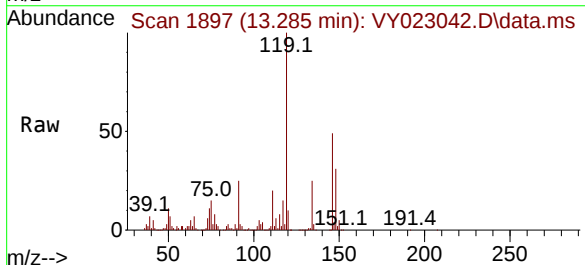
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

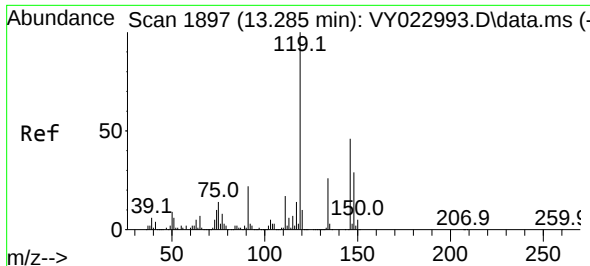
Tgt Ion:105 Resp: 447880
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.393 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023042.D
 Acq: 22 Jul 2025 13:38

Tgt Ion:119 Resp: 359705
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.3 11.4 34.1

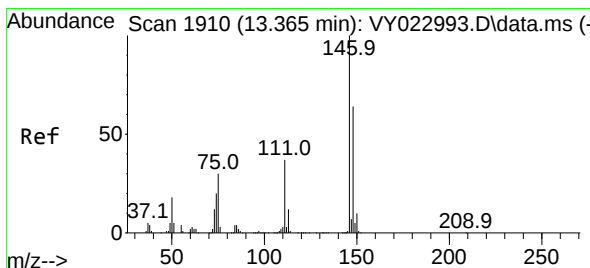
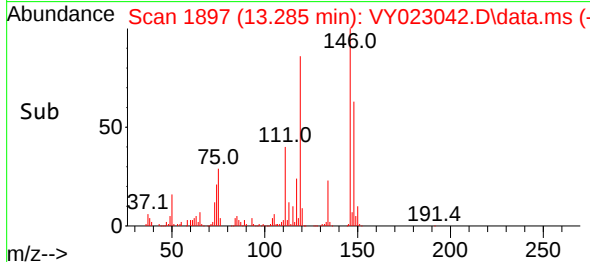
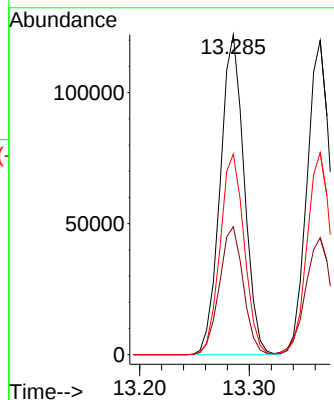
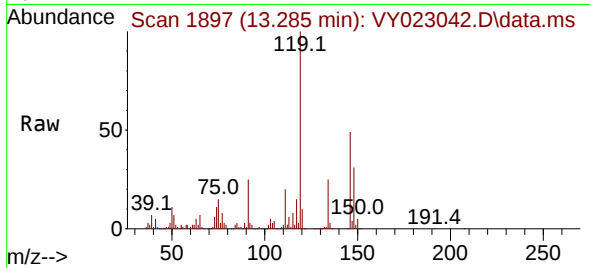




#87
 1,3-Dichlorobenzene
 Concen: 19.805 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023042.D
 Acq: 22 Jul 2025 13:38

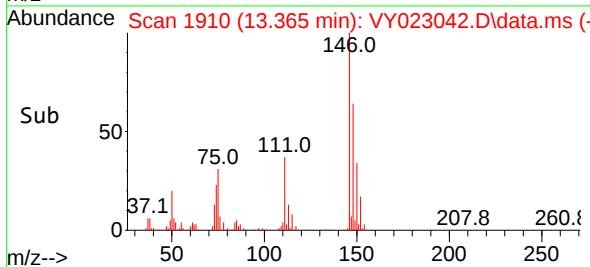
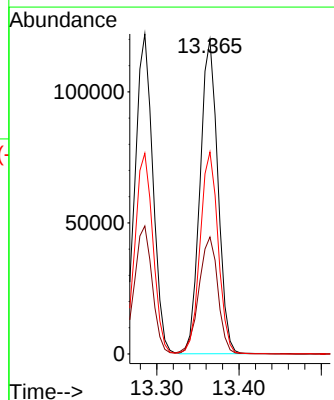
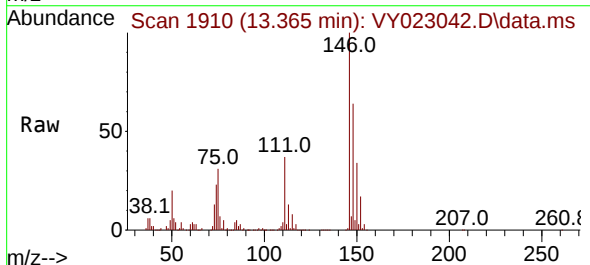
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBSD01

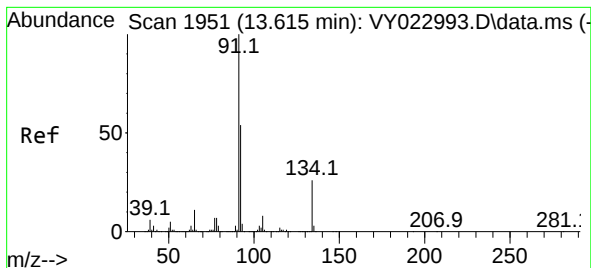
Tgt Ion:146 Resp: 185432
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.3
 148 63.1 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.942 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023042.D
 Acq: 22 Jul 2025 13:38

Tgt Ion:146 Resp: 180637
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.2 57.6
 148 64.9 31.9 95.5





#89

n-Butylbenzene

Concen: 19.852 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBSD01

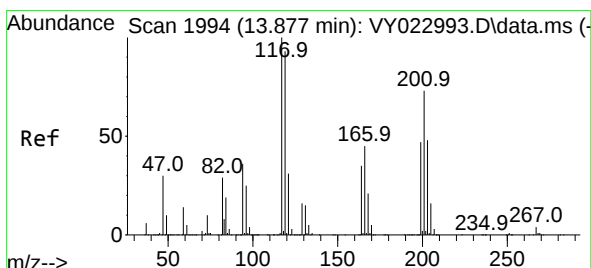
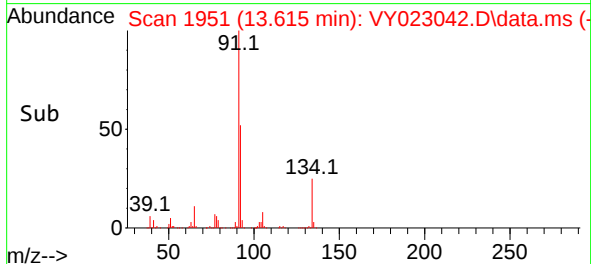
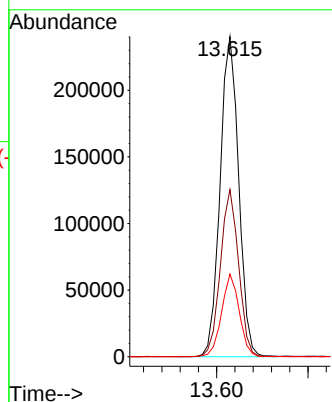
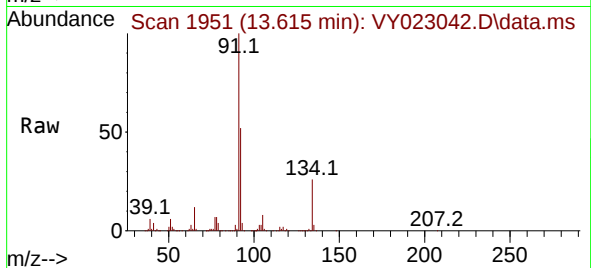
Tgt Ion: 91 Resp: 339776

Ion Ratio Lower Upper

91 100

92 51.2 26.6 79.7

134 24.5 12.6 37.6



#90

Hexachloroethane

Concen: 19.571 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023042.D

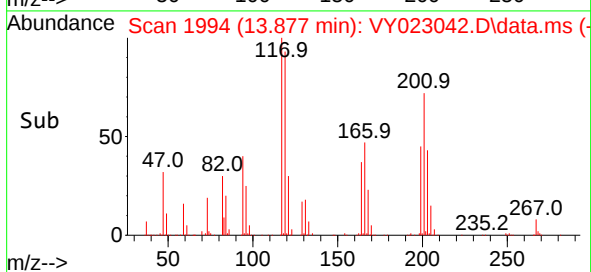
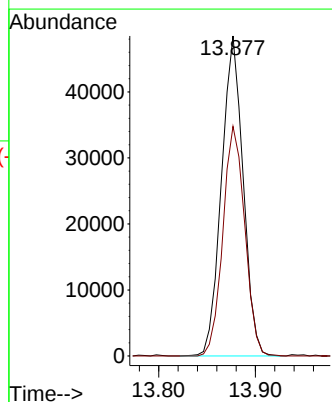
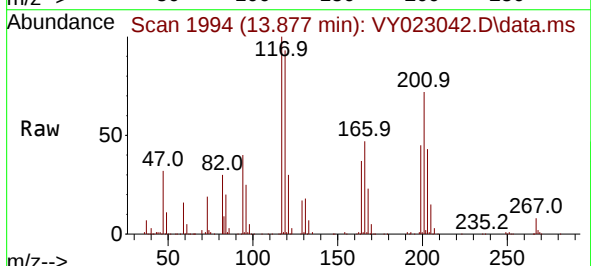
Acq: 22 Jul 2025 13:38

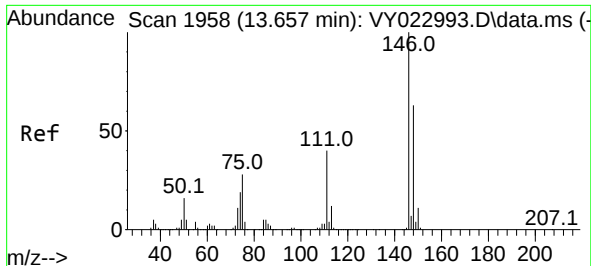
Tgt Ion: 117 Resp: 75156

Ion Ratio Lower Upper

117 100

201 72.6 36.1 108.5

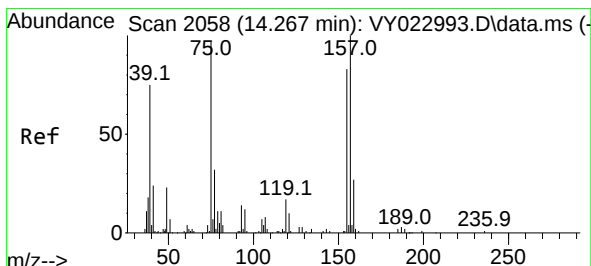
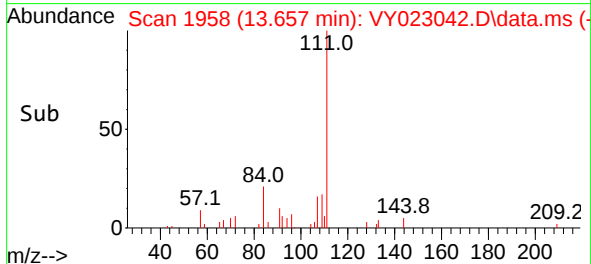
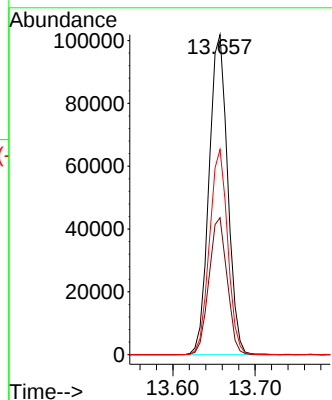
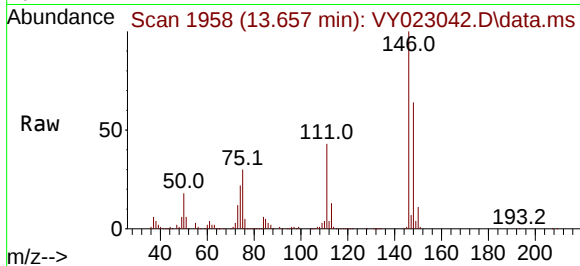




#91
1,2-Dichlorobenzene
Concen: 20.266 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

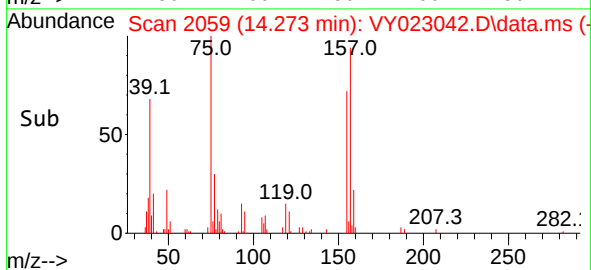
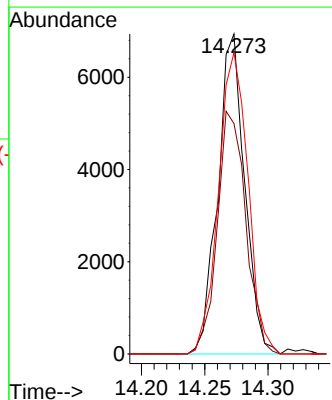
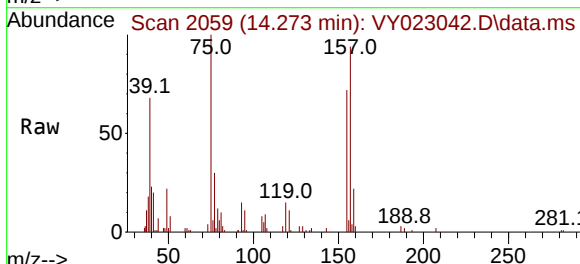
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

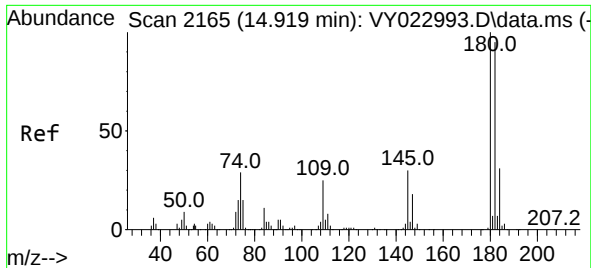
Tgt Ion:146 Resp: 160054
Ion Ratio Lower Upper
146 100
111 41.9 20.3 61.0
148 62.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.291 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion: 75 Resp: 10246
Ion Ratio Lower Upper
75 100
155 80.7 42.8 128.3
157 103.2 54.3 162.9

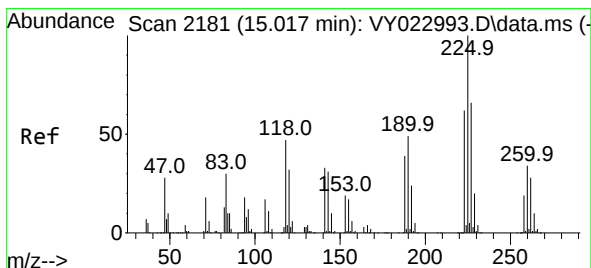
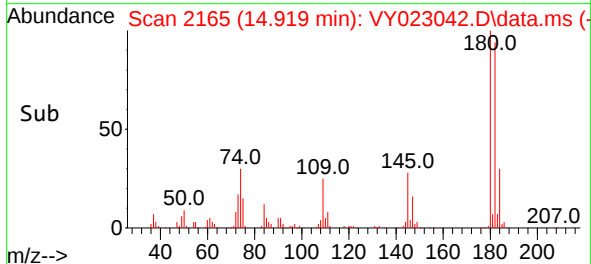
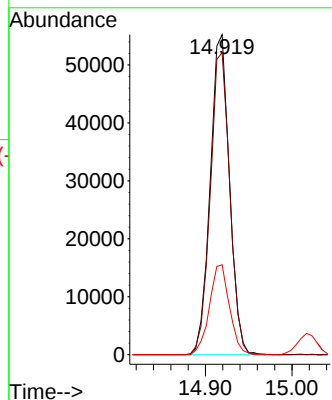
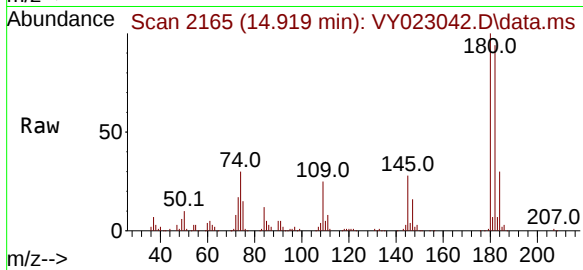




#93
1,2,4-Trichlorobenzene
Concen: 20.440 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

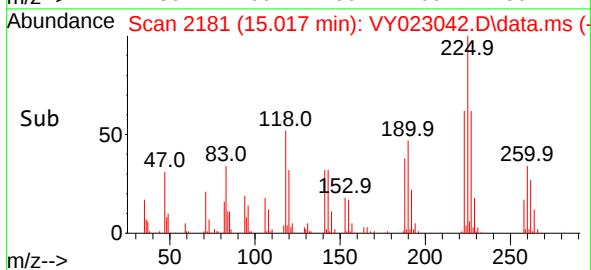
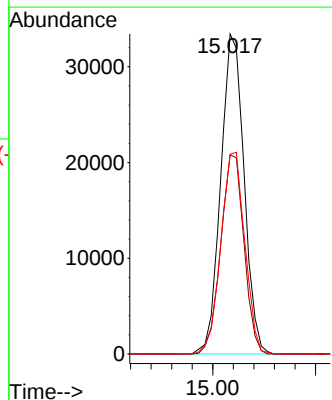
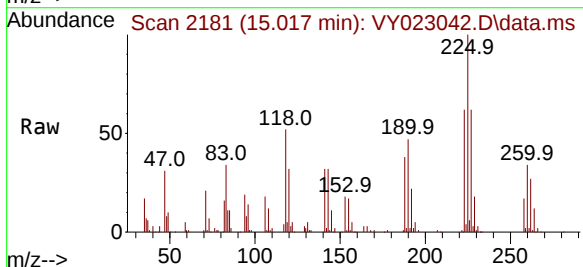
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

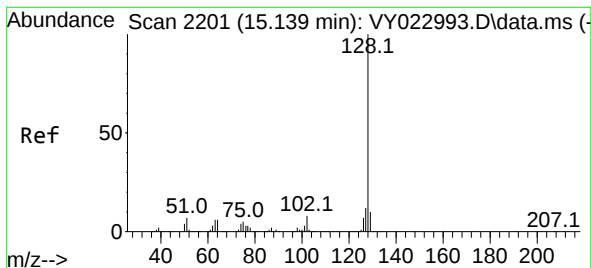
Tgt Ion:180 Resp: 85092
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 29.3 14.9 44.9



#94
Hexachlorobutadiene
Concen: 20.020 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY023042.D
Acq: 22 Jul 2025 13:38

Tgt Ion:225 Resp: 52544
Ion Ratio Lower Upper
225 100
223 62.0 31.4 94.0
227 64.6 32.1 96.5





#95

Naphthalene

Concen: 20.387 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBSD01

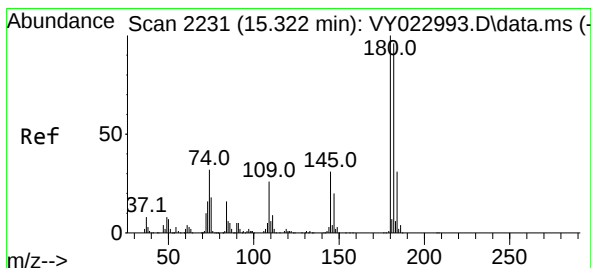
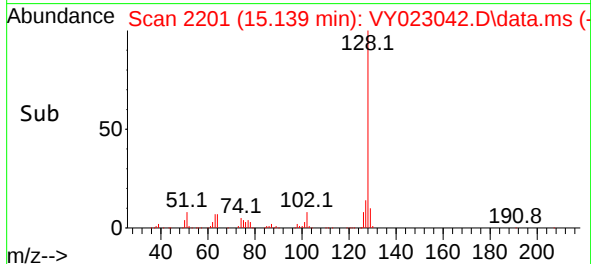
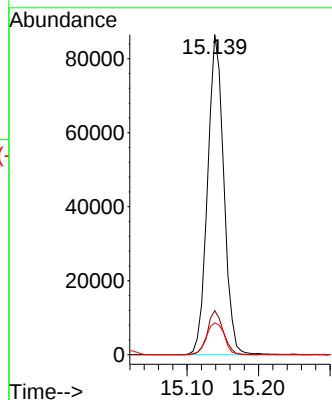
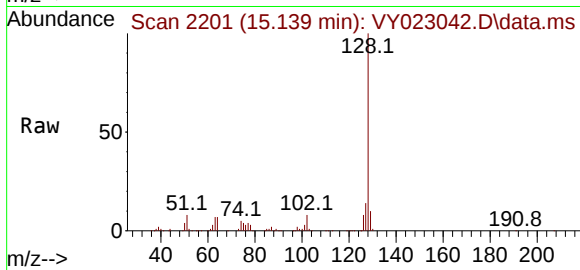
Tgt Ion:128 Resp: 136129

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.826 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY023042.D

Acq: 22 Jul 2025 13:38

Tgt Ion:180 Resp: 71586

Ion Ratio Lower Upper

180 100

182 95.8 47.3 142.0

145 33.2 15.8 47.4

