

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022783.D
 Acq On : 23 Jun 2025 16:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062325

Quant Time: Jun 24 03:36:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 03:08:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	480076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	806385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	709921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	359311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	268490	50.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.220%	
35) Dibromofluoromethane	7.628	113	246693	50.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.600%	
50) Toluene-d8	10.103	98	968221	49.755	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.401	95	314924	50.342	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	188576	45.936	ug/l	99
3) Chloromethane	2.068	50	383362	48.905	ug/l	97
4) Vinyl Chloride	2.196	62	480207	49.034	ug/l	100
5) Bromomethane	2.586	94	372449	48.375	ug/l	98
6) Chloroethane	2.726	64	317341	48.206	ug/l	98
7) Trichlorofluoromethane	3.043	101	519156	47.875	ug/l	99
8) Diethyl Ether	3.452	74	128819	48.097	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.805	101	234148	47.248	ug/l	98
10) Methyl Iodide	3.994	142	252766	46.847	ug/l	100
11) Tert butyl alcohol	4.860	59	90461	253.906	ug/l #	86
12) 1,1-Dichloroethene	3.781	96	232605	47.868	ug/l	94
13) Acrolein	3.647	56	99713	206.396	ug/l	100
14) Allyl chloride	4.378	41	357454	47.825	ug/l	99
15) Acrylonitrile	5.049	53	278053	248.823	ug/l	99
16) Acetone	3.860	43	217427	214.694	ug/l	95
17) Carbon Disulfide	4.098	76	753545	48.003	ug/l	99
18) Methyl Acetate	4.385	43	169460	50.527	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	652685	49.329	ug/l	99
20) Methylene Chloride	4.610	84	279076	43.635	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	266943	48.066	ug/l	98
22) Diisopropyl ether	6.012	45	800669	48.237	ug/l	93
23) Vinyl Acetate	5.951	43	2264377	247.008	ug/l	99
24) 1,1-Dichloroethane	5.909	63	486998	48.573	ug/l	99
25) 2-Butanone	6.890	43	353339	239.723	ug/l	98
26) 2,2-Dichloropropane	6.878	77	388040	46.171	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	308904	47.867	ug/l	100
28) Bromochloromethane	7.244	49	211120	50.087	ug/l	100
29) Tetrahydrofuran	7.256	42	235186	252.693	ug/l	100
30) Chloroform	7.414	83	500741	48.491	ug/l	97
31) Cyclohexane	7.695	56	422671	45.926	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	431799	48.388	ug/l	99
36) 1,1-Dichloropropene	7.829	75	354829	47.735	ug/l	100
37) Ethyl Acetate	6.982	43	160039	49.894	ug/l	99
38) Carbon Tetrachloride	7.817	117	373583	47.632	ug/l	98
39) Methylcyclohexane	9.103	83	463905	48.226	ug/l	98
40) Benzene	8.073	78	1105593	48.376	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	79352	40.185	ug/l	88
42) 1,2-Dichloroethane	8.152	62	307548	49.108	ug/l	100
43) Isopropyl Acetate	8.195	43	333219	49.983	ug/l	99
44) Trichloroethene	8.859	130	274874	47.904	ug/l	98
45) 1,2-Dichloropropane	9.140	63	259472	48.510	ug/l	100
46) Dibromomethane	9.231	93	145961	48.070	ug/l	98
47) Bromodichloromethane	9.420	83	382665	48.872	ug/l	99
48) Methyl methacrylate	9.219	41	164362	51.285	ug/l	99
49) 1,4-Dioxane	9.225	88	35276	983.335	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	867628	256.103	ug/l	99
52) Toluene	10.170	92	704960	48.894	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	348211	49.428	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	404721	49.547	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	194151	49.380	ug/l	98
56) Ethyl methacrylate	10.432	69	270067	51.054	ug/l	99
57) 1,3-Dichloropropane	10.713	76	340025	49.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	680973	245.249	ug/l	100
59) 2-Hexanone	10.755	43	580425	251.999	ug/l	99
60) Dibromochloromethane	10.908	129	253700	49.955	ug/l	100
61) 1,2-Dibromoethane	11.011	107	181754	49.399	ug/l	99
64) Tetrachloroethene	10.646	164	303522	45.257	ug/l	98
65) Chlorobenzene	11.438	112	750243	48.095	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	253468	47.973	ug/l	99
67) Ethyl Benzene	11.517	91	1351655	49.316	ug/l	100
68) m/p-Xylenes	11.621	106	1043651	98.506	ug/l	100
69) o-Xylene	11.950	106	495462	49.631	ug/l	99
70) Styrene	11.962	104	834381	49.897	ug/l	99
71) Bromoform	12.127	173	142330	48.380	ug/l	99
73) Isopropylbenzene	12.249	105	1264391	47.581	ug/l	100
74) N-amyl acetate	12.066	43	299778	50.258	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	213316	49.808	ug/l	99
76) 1,2,3-Trichloropropane	12.548	75	293630	80.046	ug/l #	100
77) Bromobenzene	12.529	156	287890	47.796	ug/l	100
78) n-propylbenzene	12.590	91	1543476	48.108	ug/l	100
79) 2-Chlorotoluene	12.676	91	871527	48.080	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	1052077	49.044	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	66143	45.554	ug/l	99
82) 4-Chlorotoluene	12.773	91	919177	48.276	ug/l	99
83) tert-Butylbenzene	12.993	119	917192	48.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.035	105	1058356	49.278	ug/l	99
85) sec-Butylbenzene	13.170	105	1377847	48.405	ug/l	100
86) p-Isopropyltoluene	13.285	119	1157677	48.873	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	584110	48.286	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	574913	47.844	ug/l	100
89) n-Butylbenzene	13.615	91	1083397	48.623	ug/l	100
90) Hexachloroethane	13.877	117	228507	48.434	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	512081	48.036	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35693	49.145	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	293980	48.842	ug/l	99
94) Hexachlorobutadiene	15.017	225	157173	46.178	ug/l	98
95) Naphthalene	15.139	128	558879	51.347	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	252267	48.503	ug/l	98

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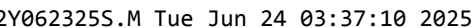
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

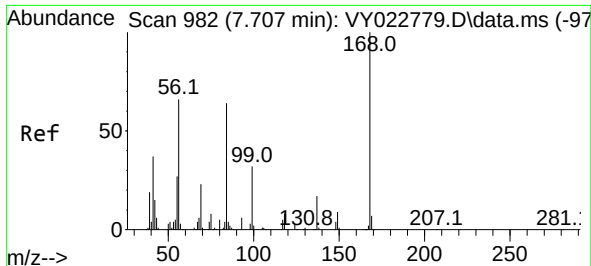
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Quant Title : SW846 8260
QLast Update : Tue Jun 24 03:08:29 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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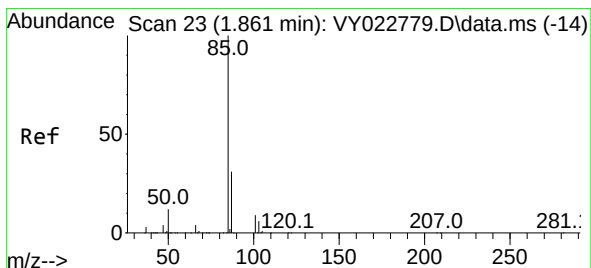
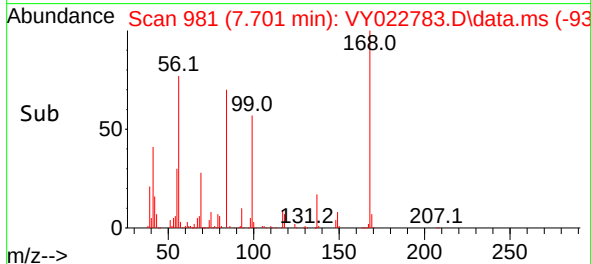
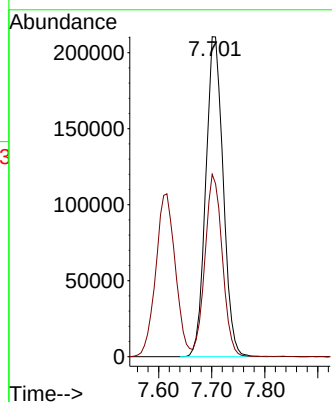
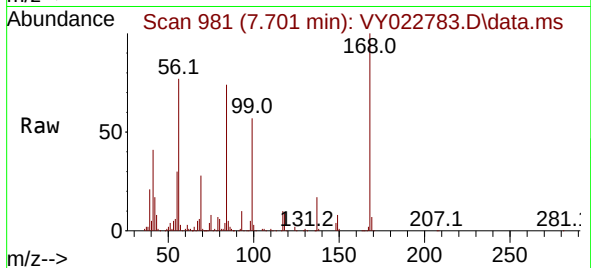




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022783.D
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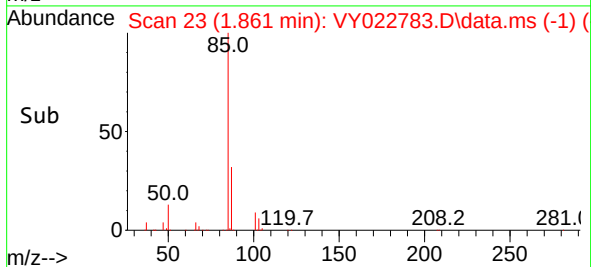
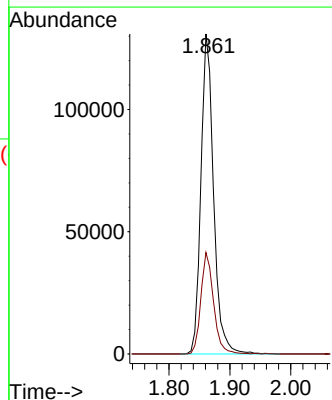
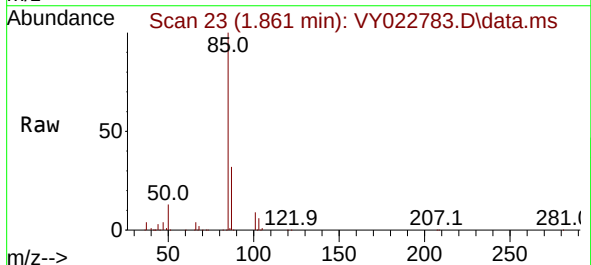
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

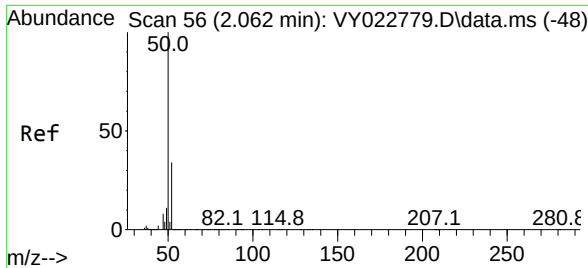
Tgt Ion:168 Resp: 480076
Ion Ratio Lower Upper
168 100
99 56.9 44.6 66.8



#2
Dichlorodifluoromethane
Concen: 45.936 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 85 Resp: 188576
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.7

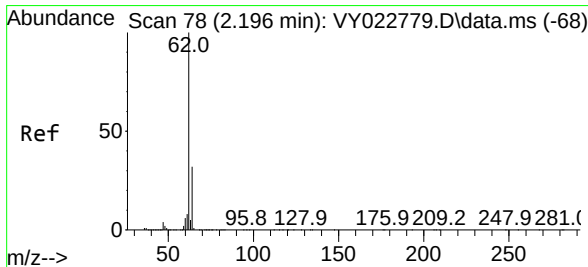
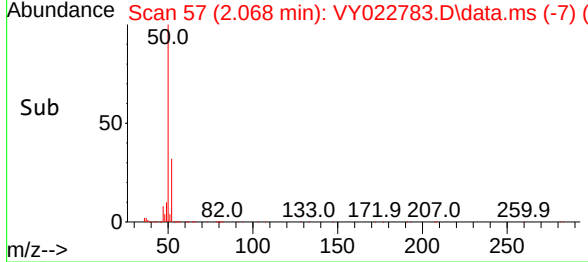
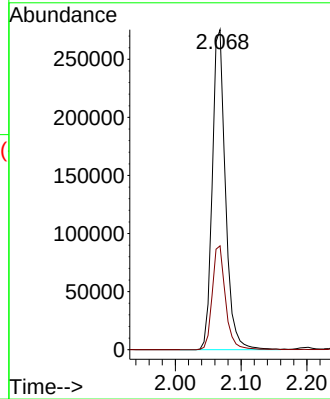
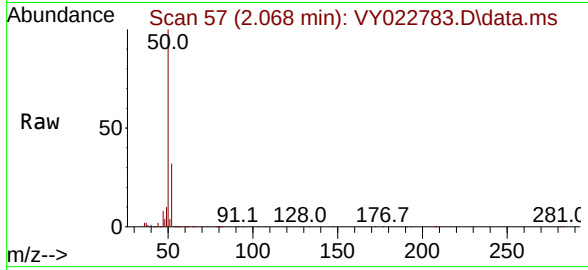




#3
Chloromethane
Concen: 48.905 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

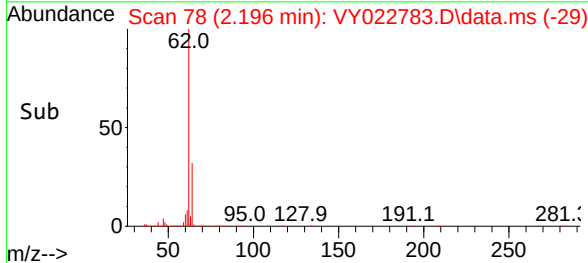
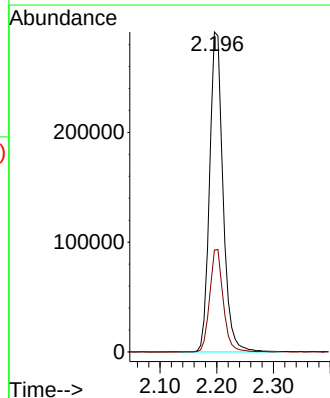
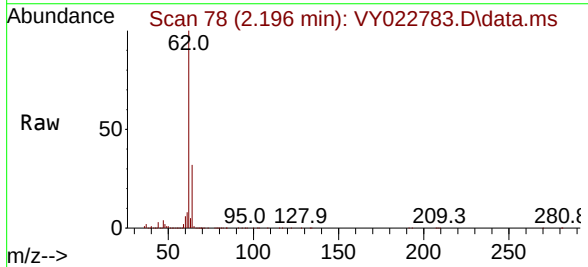
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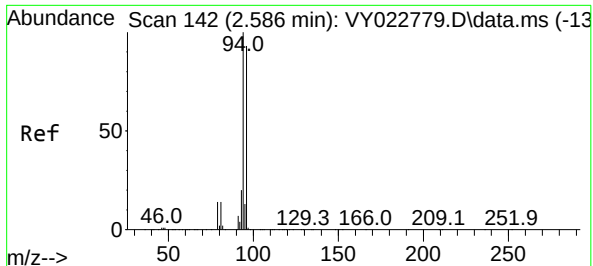
Tgt Ion: 50 Resp: 383362
Ion Ratio Lower Upper
50 100
52 32.5 27.5 41.3



#4
Vinyl Chloride
Concen: 49.034 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 62 Resp: 480207
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5

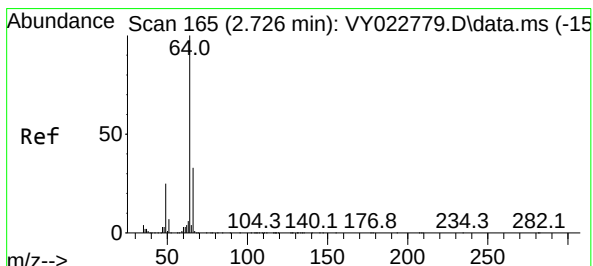
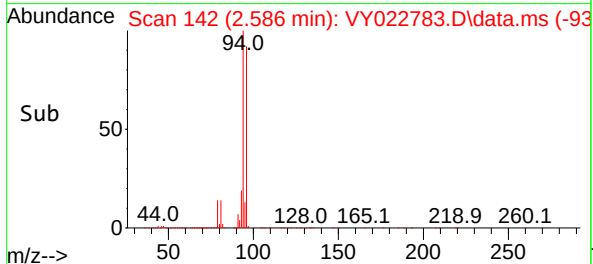
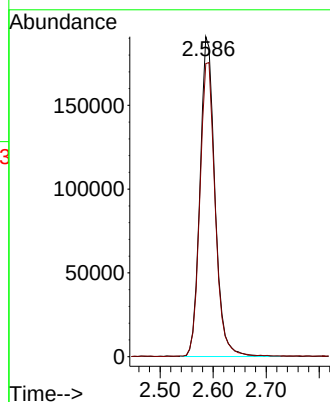
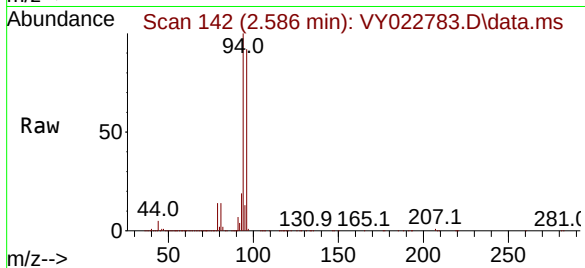




#5
Bromomethane
Concen: 48.375 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

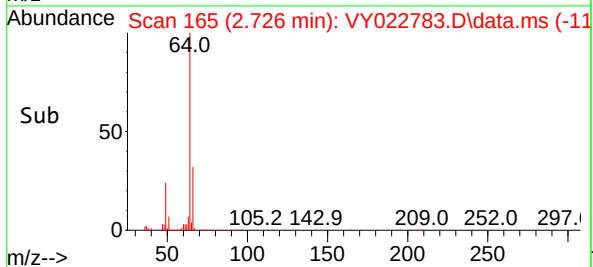
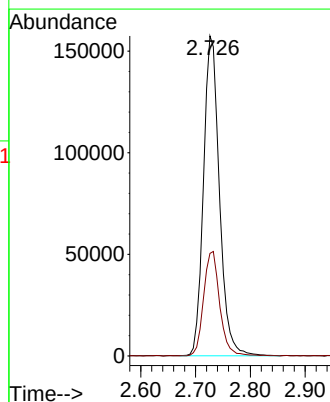
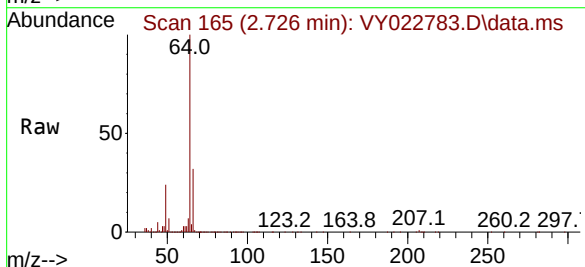
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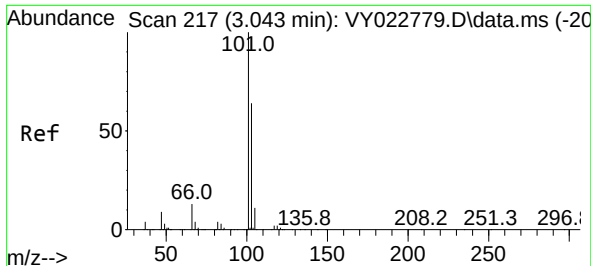
Tgt Ion: 94 Resp: 372449
Ion Ratio Lower Upper
94 100
96 91.4 74.3 111.5



#6
Chloroethane
Concen: 48.206 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 64 Resp: 317341
Ion Ratio Lower Upper
64 100
66 32.0 26.6 39.8

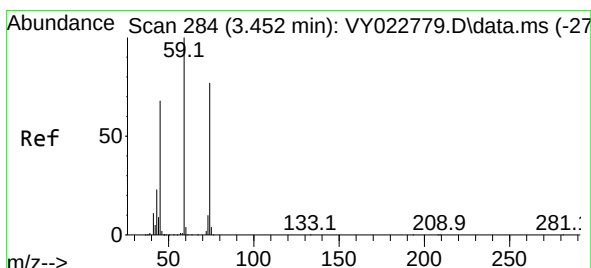
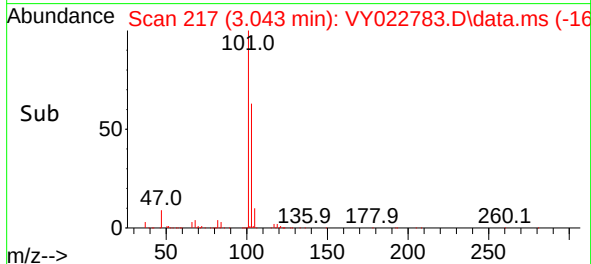
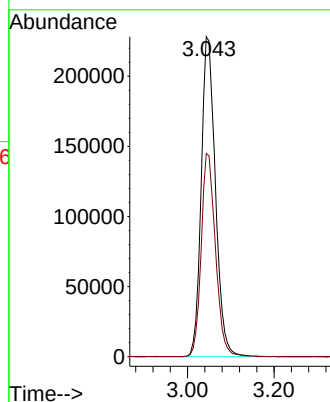
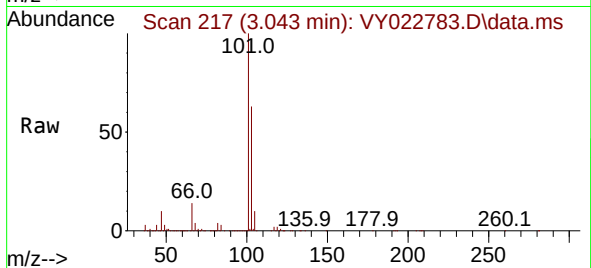




#7
 Trichlorofluoromethane
 Concen: 47.875 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY022783.D
 Acq: 23 Jun 2025 16:17

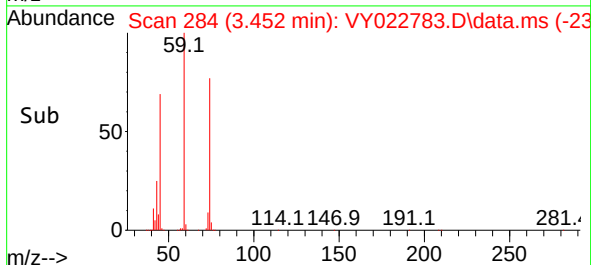
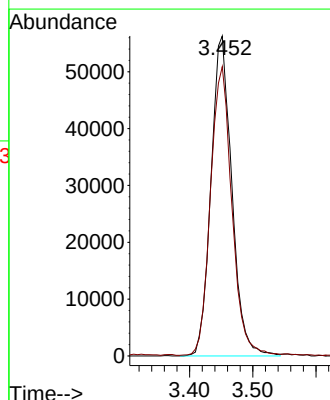
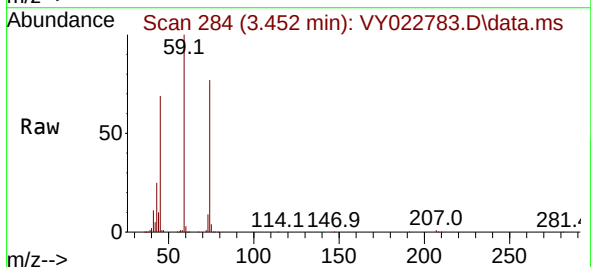
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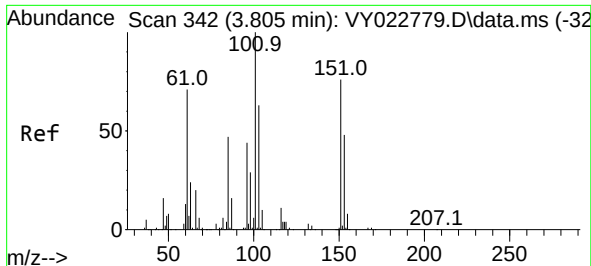
Tgt Ion:101 Resp: 519156
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.1 76.7



#8
 Diethyl Ether
 Concen: 48.097 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022783.D
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Tgt Ion: 74 Resp: 128819
 Ion Ratio Lower Upper
 74 100
 45 92.4 45.0 134.8

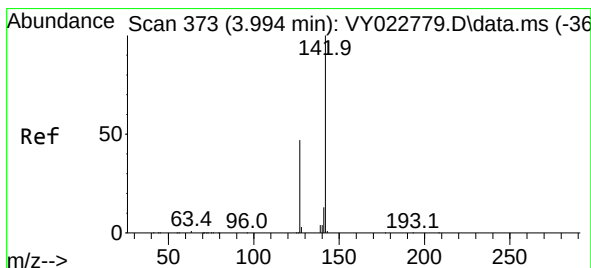
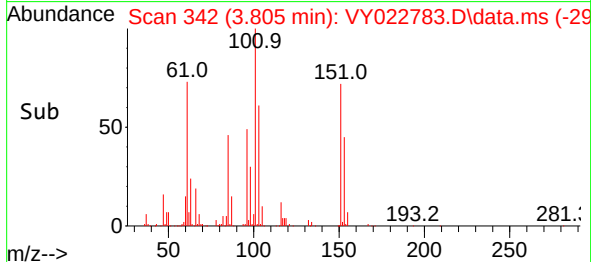
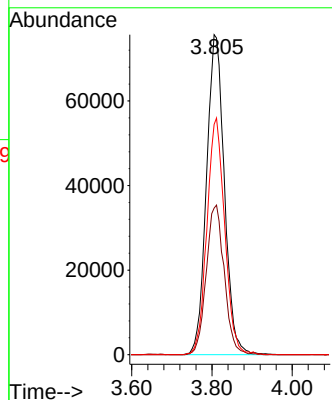
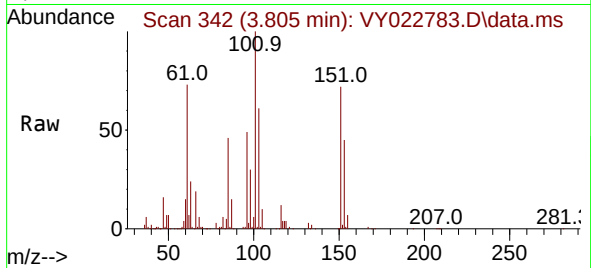




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.248 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

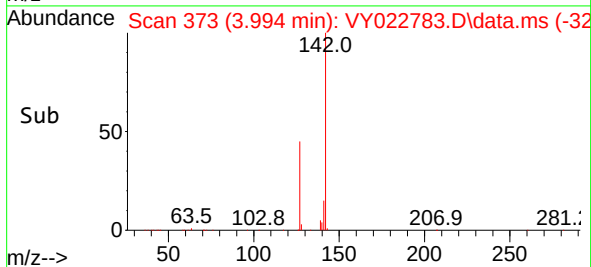
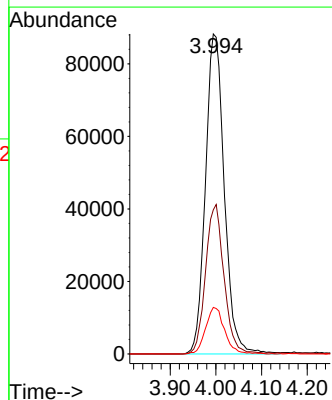
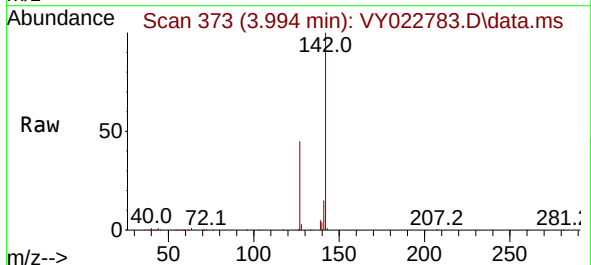
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

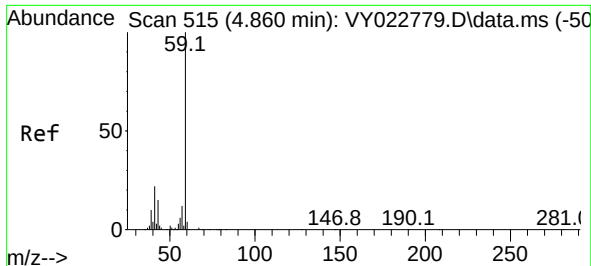
Tgt Ion:101 Resp: 234148
Ion Ratio Lower Upper
101 100
85 47.2 37.3 55.9
151 73.6 60.2 90.4



#10
Methyl Iodide
Concen: 46.847 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion:142 Resp: 252766
Ion Ratio Lower Upper
142 100
127 45.7 36.5 54.7
141 14.7 11.4 17.2

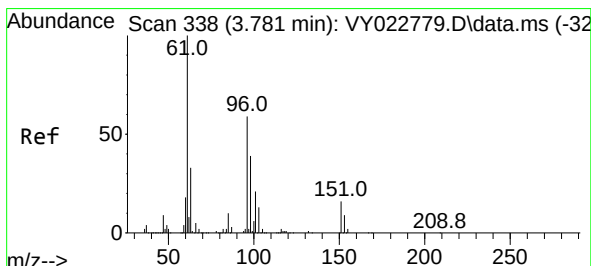
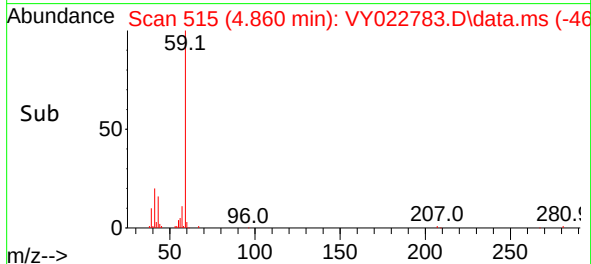
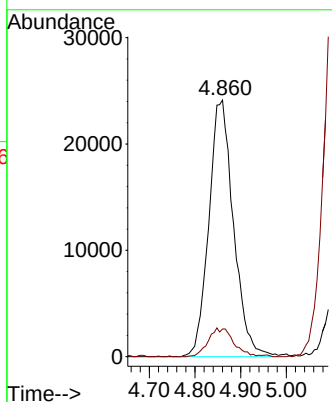
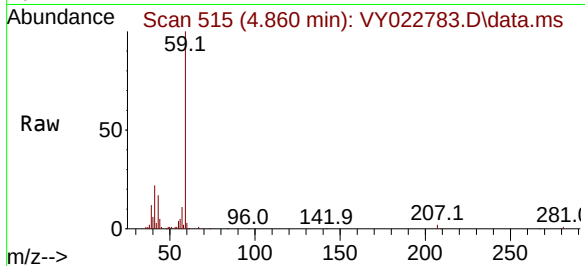




#11
Tert butyl alcohol
Concen: 253.906 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

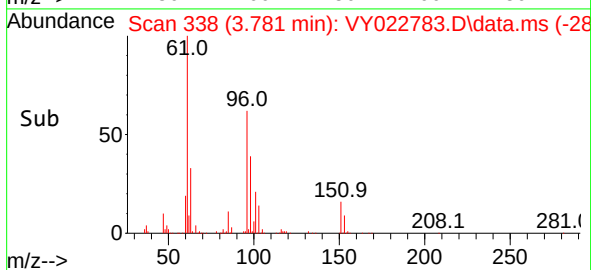
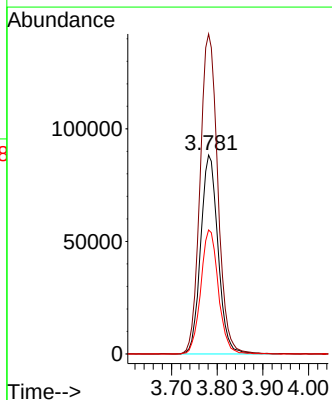
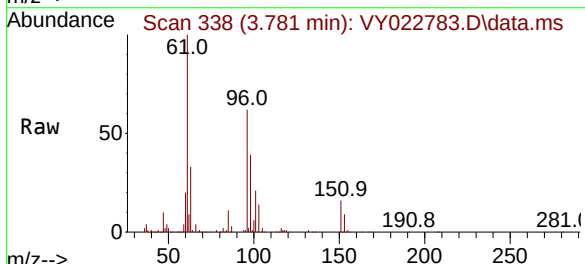
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

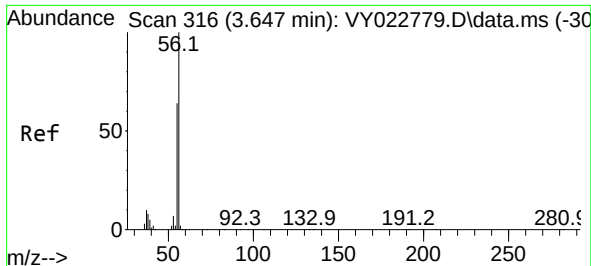
Tgt Ion: 59 Resp: 90461
Ion Ratio Lower Upper
59 100
57 5.6 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 47.868 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 96 Resp: 232605
Ion Ratio Lower Upper
96 100
61 160.9 135.8 203.6
98 62.4 53.0 79.4

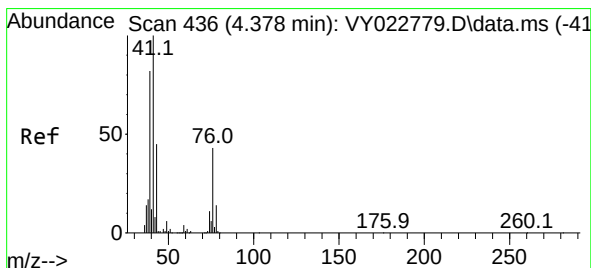
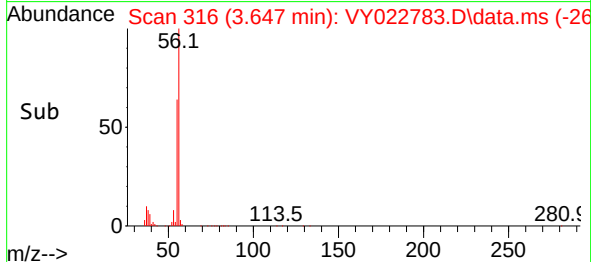
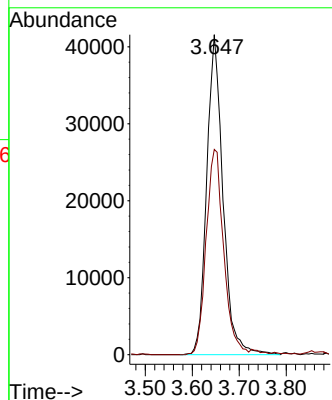
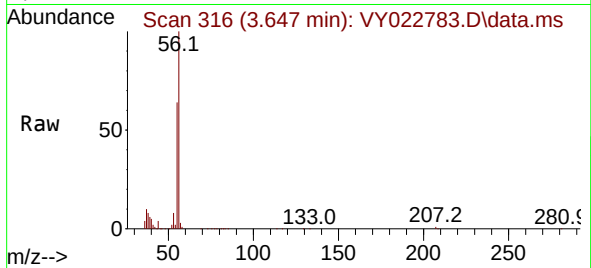




#13
Acrolein
Concen: 206.396 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

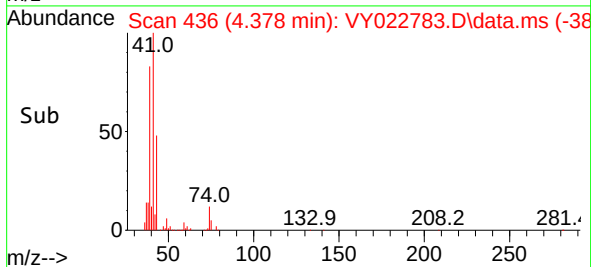
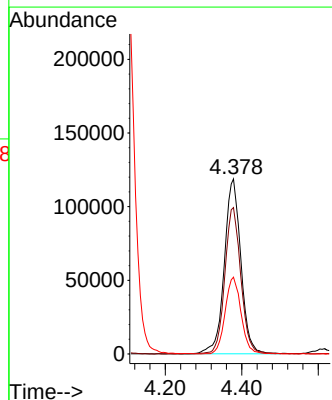
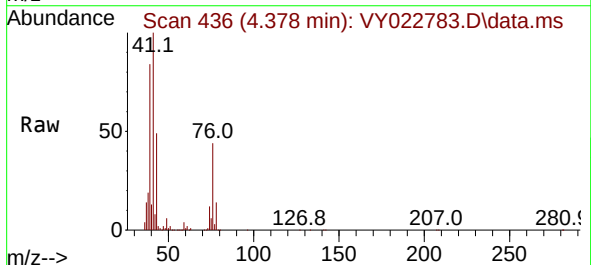
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062325

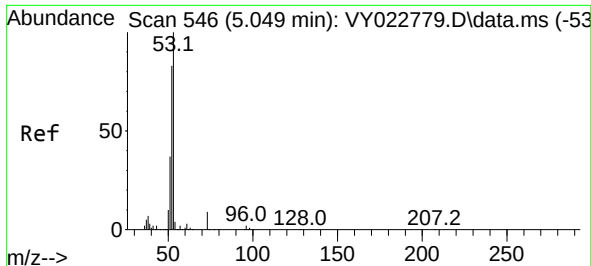
Tgt Ion: 56 Resp: 99713
Ion Ratio Lower Upper
56 100
55 69.0 55.4 83.2



#14
Allyl chloride
Concen: 47.825 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 41 Resp: 357454
Ion Ratio Lower Upper
41 100
39 80.6 63.9 95.9
76 42.2 33.0 49.4

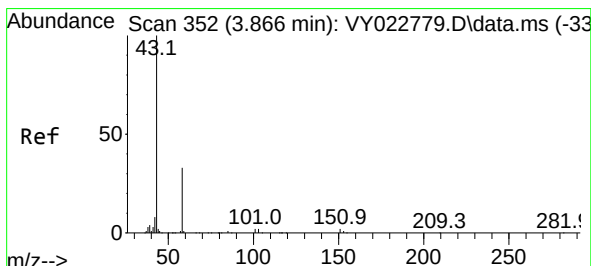
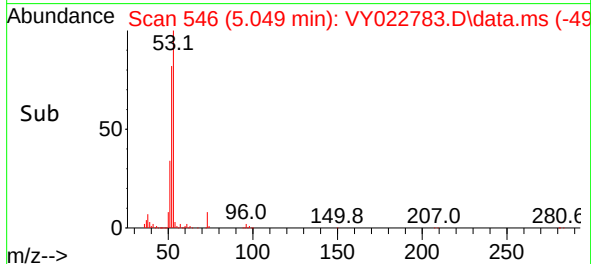
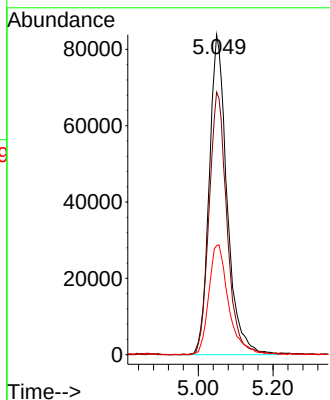
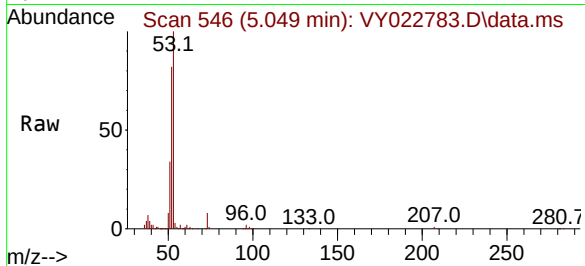




#15
Acrylonitrile
Concen: 248.823 ug/l
RT: 5.049 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

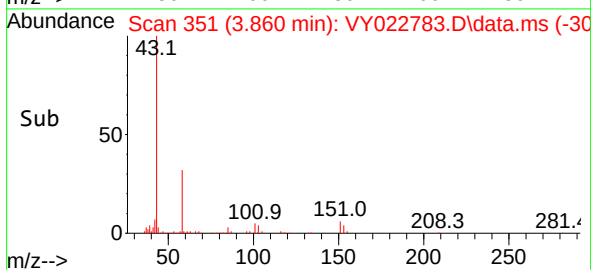
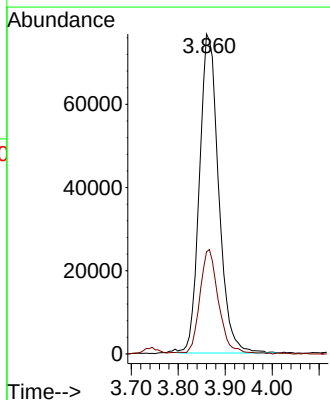
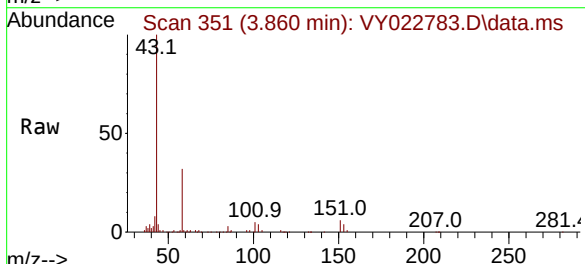
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

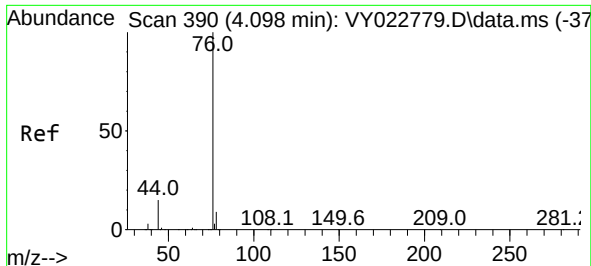
Tgt Ion: 53 Resp: 278053
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 38.2 30.1 45.1



#16
Acetone
Concen: 214.694 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 43 Resp: 217427
Ion Ratio Lower Upper
43 100
58 31.6 27.7 41.5

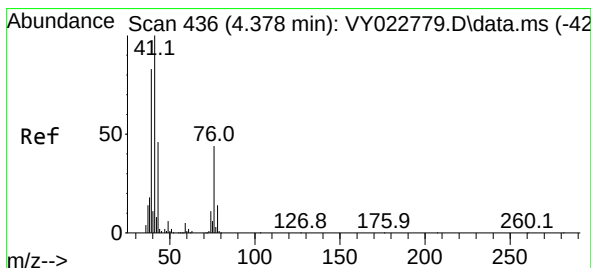
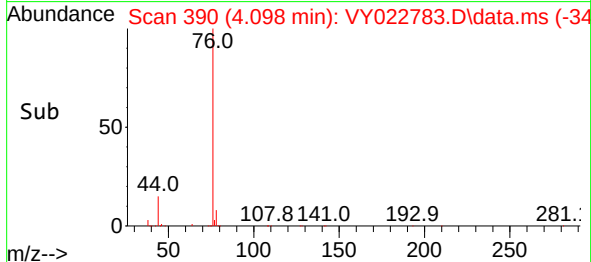
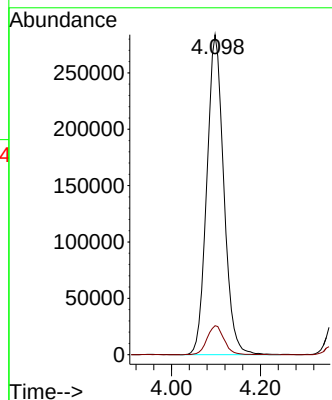
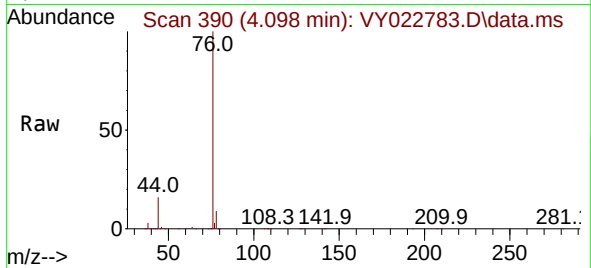




#17
Carbon Disulfide
Concen: 48.003 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

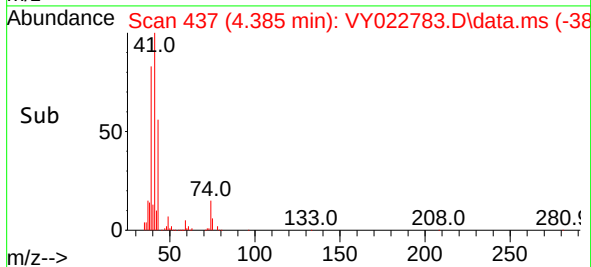
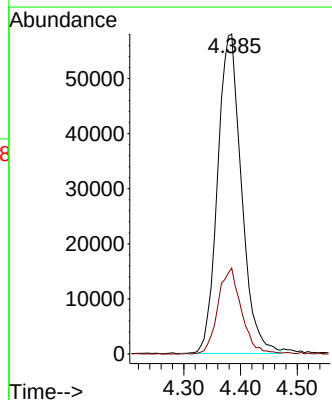
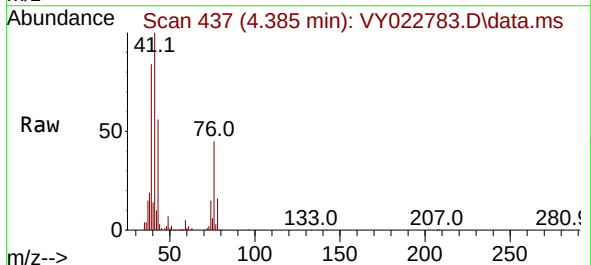
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

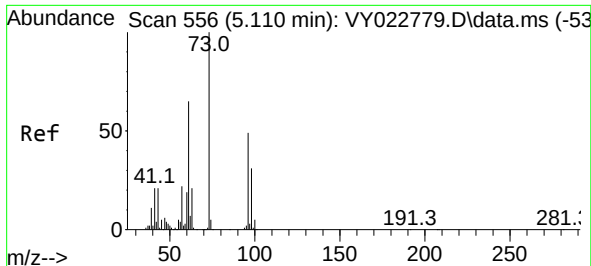
Tgt Ion: 76 Resp: 753545
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 50.527 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 43 Resp: 169460
Ion Ratio Lower Upper
43 100
74 26.4 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 49.329 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

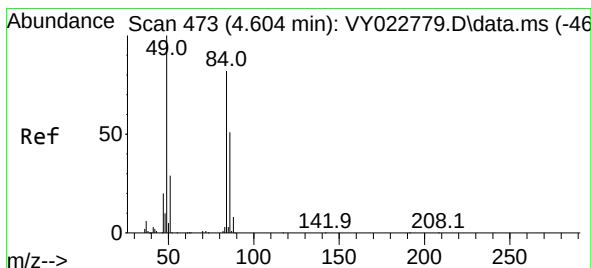
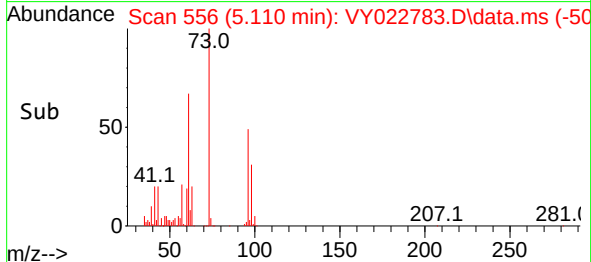
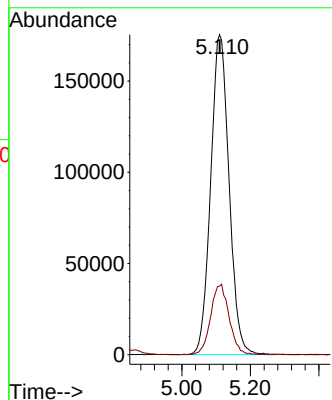
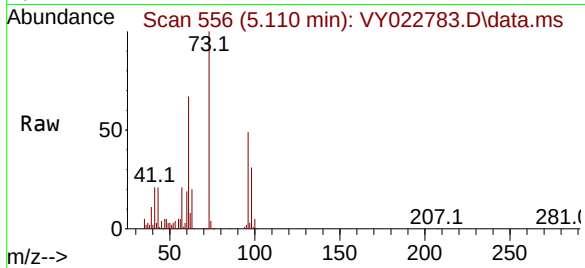
ICVVY062325

Tgt Ion: 73 Resp: 652685

Ion Ratio Lower Upper

73 100

57 21.5 17.7 26.5



#20

Methylene Chloride

Concen: 43.635 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Tgt Ion: 84 Resp: 279076

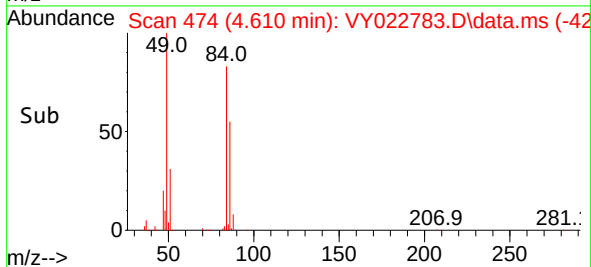
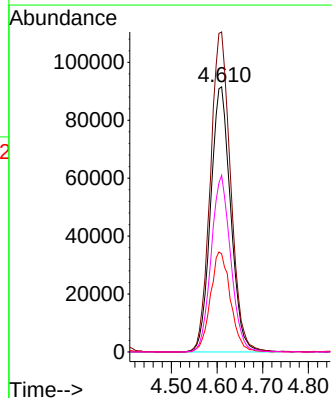
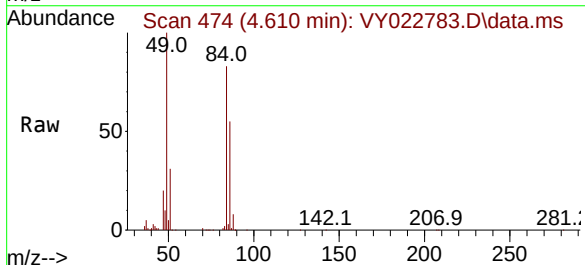
Ion Ratio Lower Upper

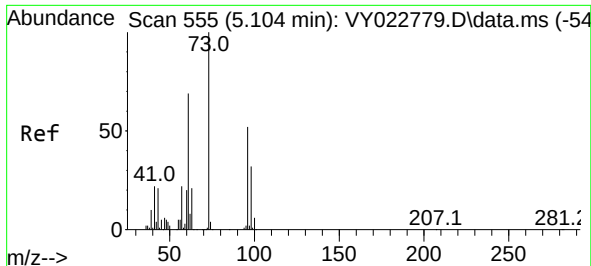
84 100

49 120.7 97.2 145.8

51 36.9 27.8 41.8

86 66.6 49.1 73.7

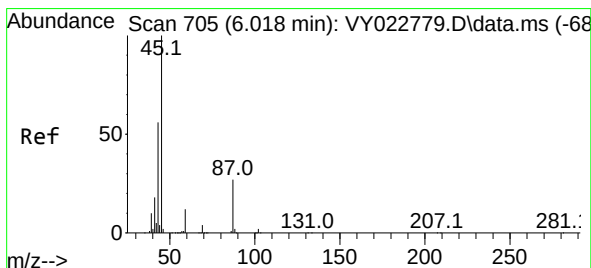
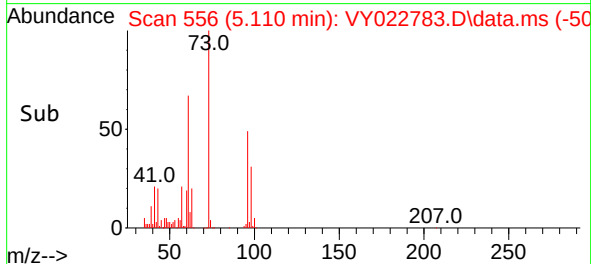
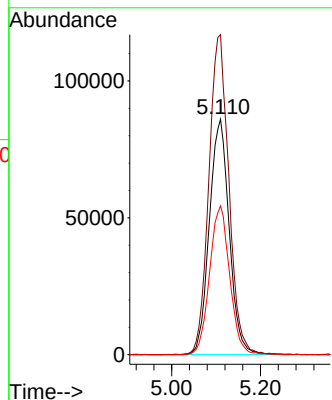
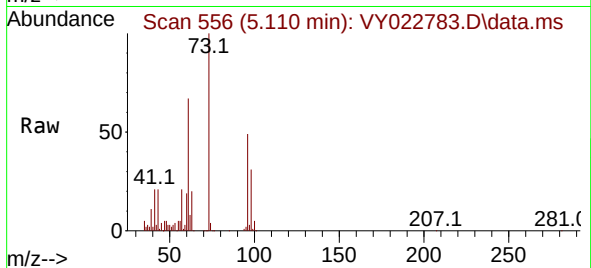




#21
trans-1,2-Dichloroethene
Concen: 48.066 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

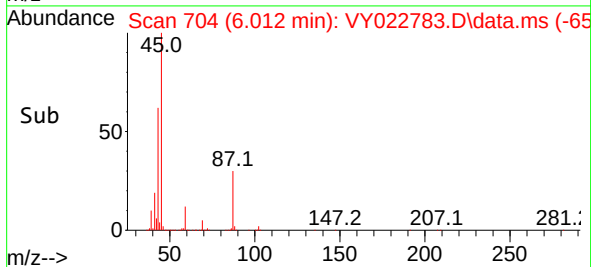
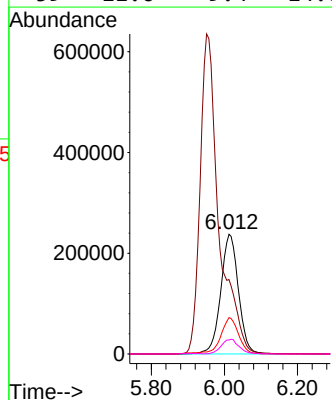
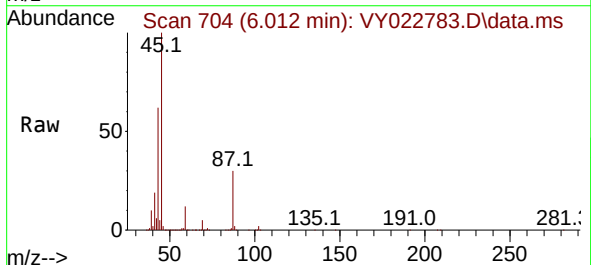
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

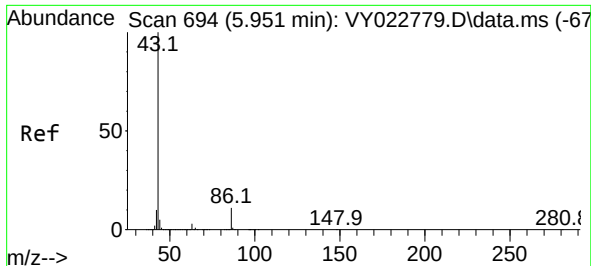
Tgt Ion: 96 Resp: 266943
Ion Ratio Lower Upper
96 100
61 135.9 107.2 160.8
98 63.2 49.1 73.7



#22
Diisopropyl ether
Concen: 48.237 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 45 Resp: 800669
Ion Ratio Lower Upper
45 100
43 62.1 44.6 66.8
87 30.4 22.2 33.2
59 11.6 9.4 14.0

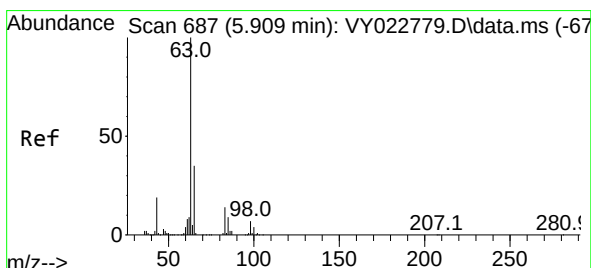
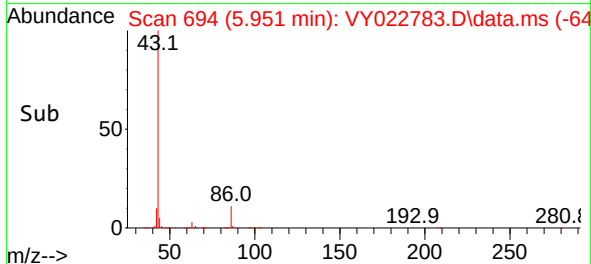
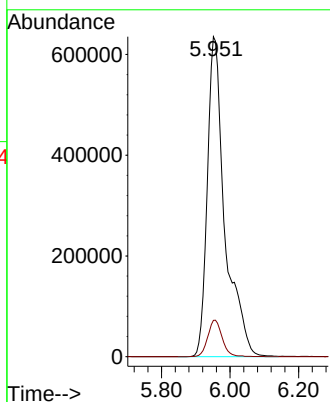
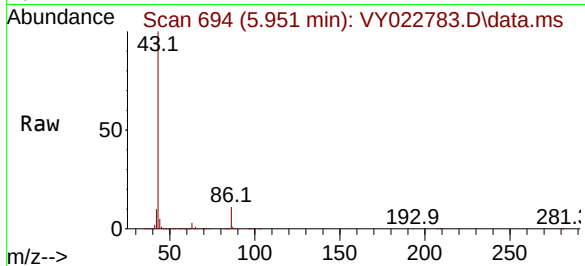




#23
 Vinyl Acetate
 Concen: 247.008 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY022783.D
 Acq: 23 Jun 2025 16:17

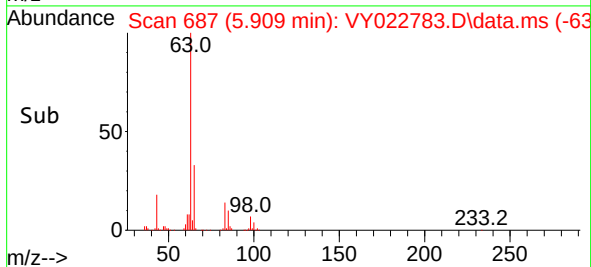
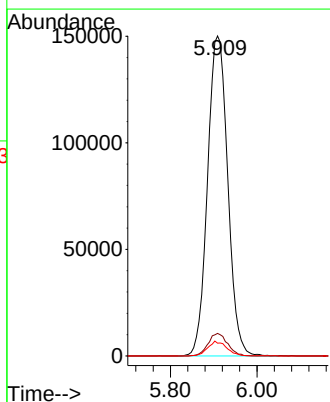
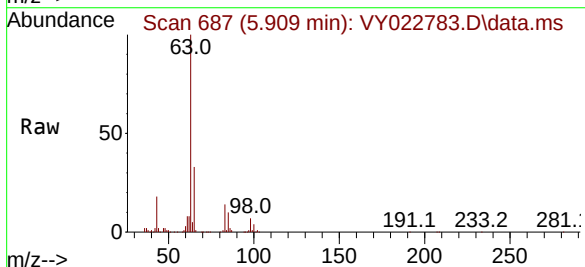
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062325

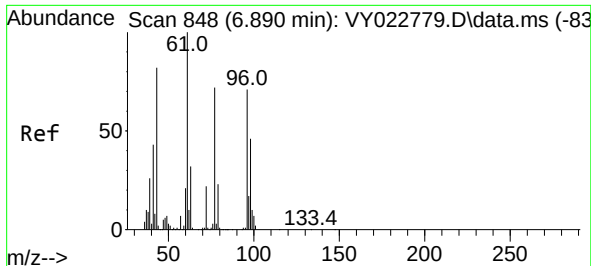
Tgt Ion: 43 Resp: 2264377
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 48.573 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY022783.D
 Acq: 23 Jun 2025 16:17

Tgt Ion: 63 Resp: 486998
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.0 2.1 6.5

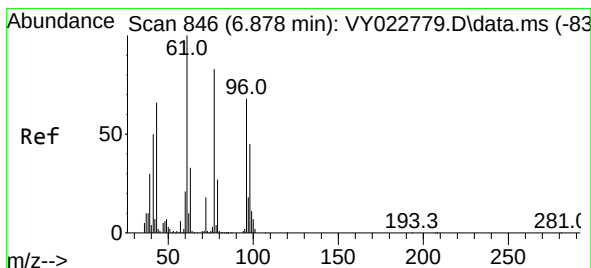
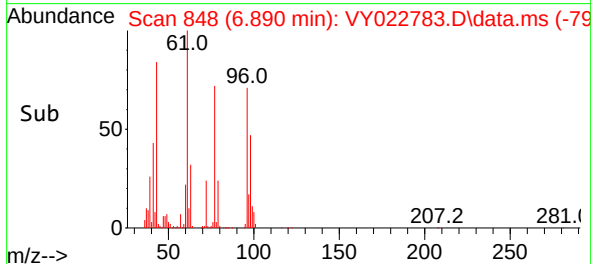
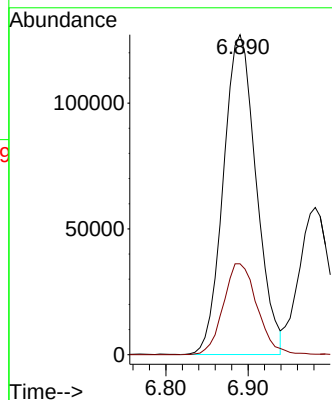
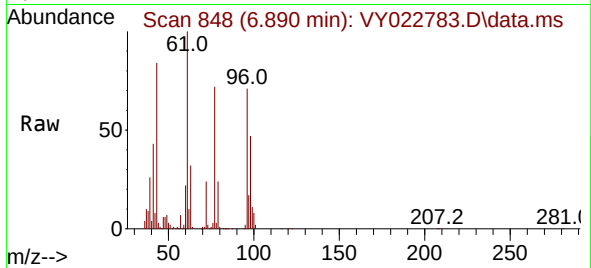




#25
2-Butanone
Concen: 239.723 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

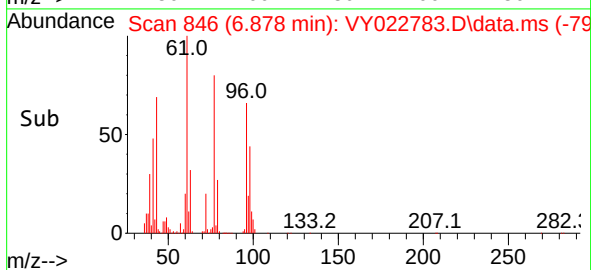
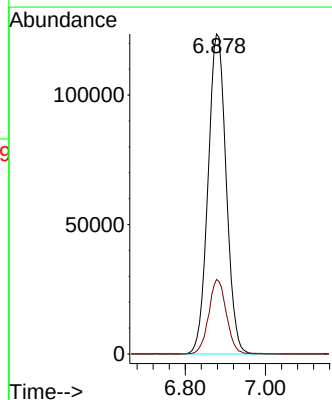
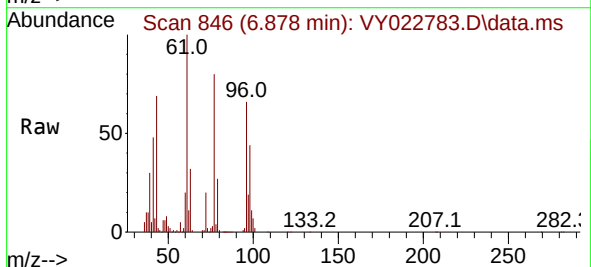
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062325

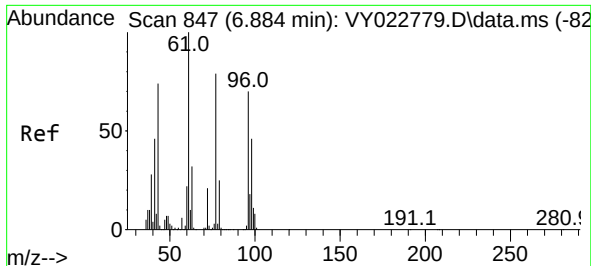
Tgt Ion: 43 Resp: 353339
Ion Ratio Lower Upper
43 100
72 28.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 46.171 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 77 Resp: 388040
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.9

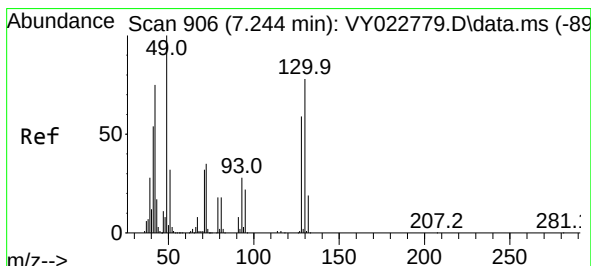
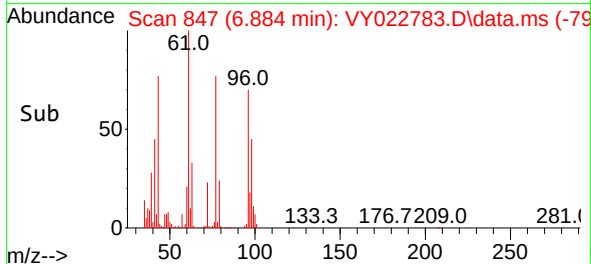
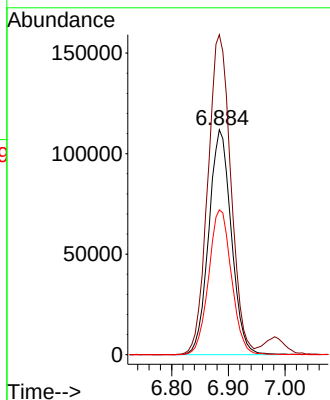
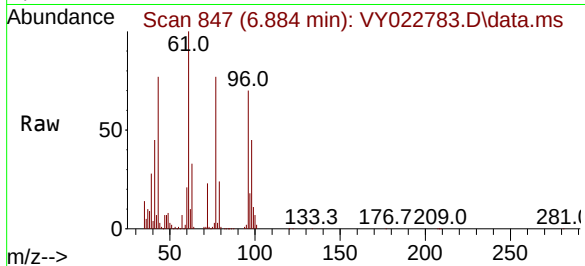




#27
 cis-1,2-Dichloroethene
 Concen: 47.867 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY022783.D
 Acq: 23 Jun 2025 16:17

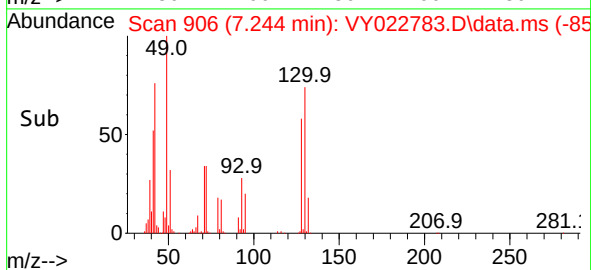
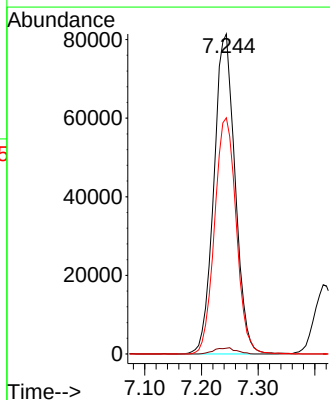
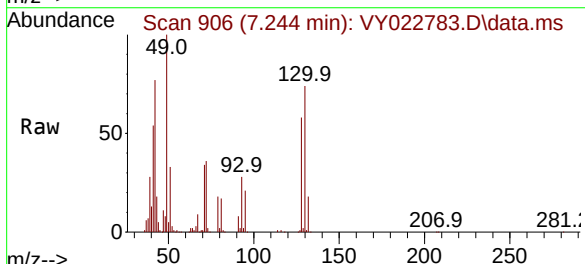
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062325

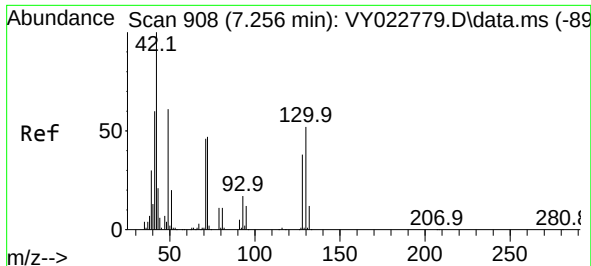
Tgt Ion: 96 Resp: 308904
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 291.6
 98 65.3 0.0 130.8



#28
 Bromochloromethane
 Concen: 50.087 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022783.D
 Acq: 23 Jun 2025 16:17

Tgt Ion: 49 Resp: 211120
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 75.2 59.9 89.9





#29

Tetrahydrofuran

Concen: 252.693 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062325

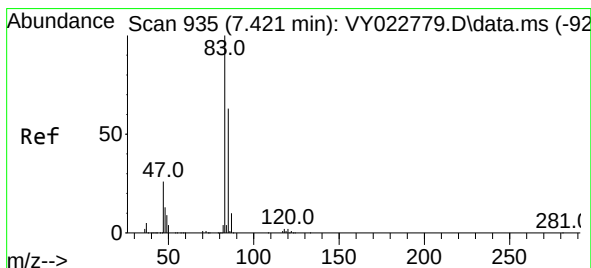
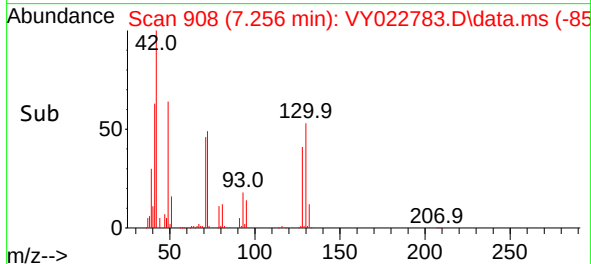
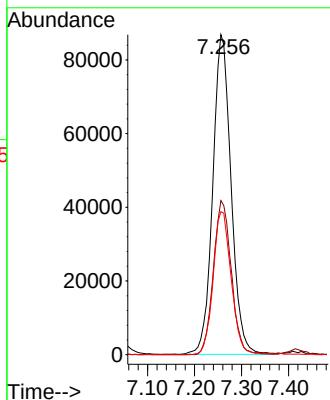
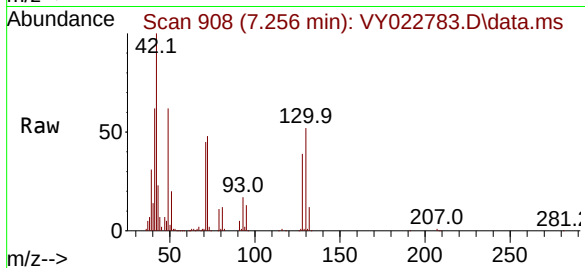
Tgt Ion: 42 Resp: 235186

Ion Ratio Lower Upper

42 100

72 47.1 37.4 56.2

71 44.2 35.4 53.2



#30

Chloroform

Concen: 48.491 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY022783.D

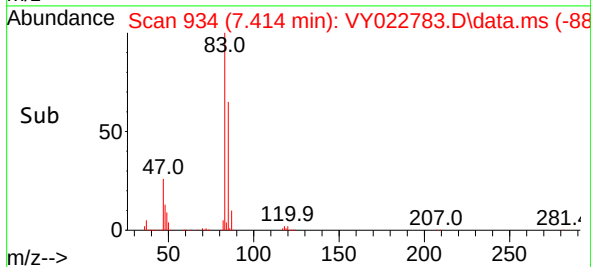
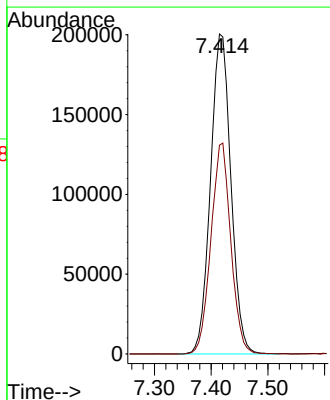
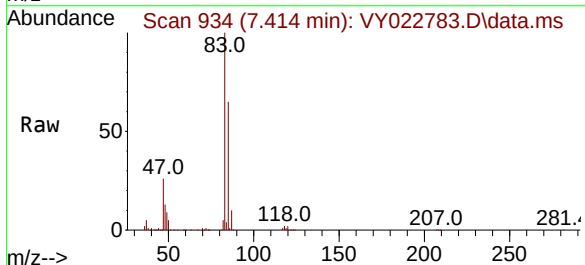
Acq: 23 Jun 2025 16:17

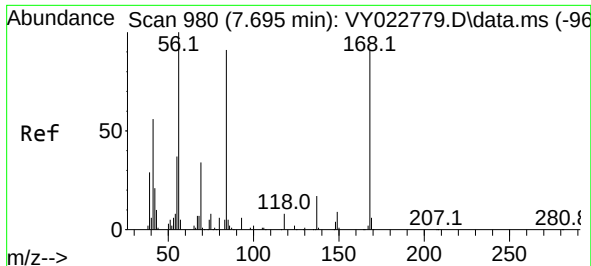
Tgt Ion: 83 Resp: 500741

Ion Ratio Lower Upper

83 100

85 65.3 50.1 75.1

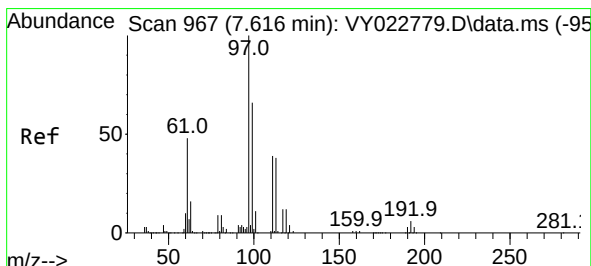
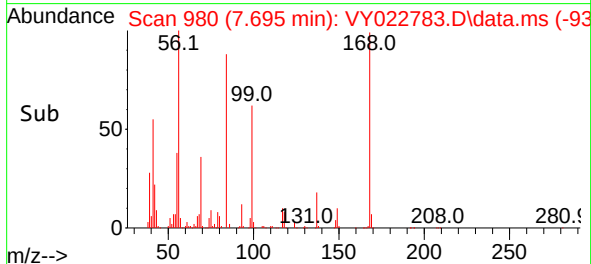
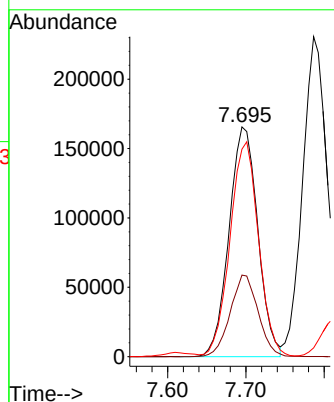
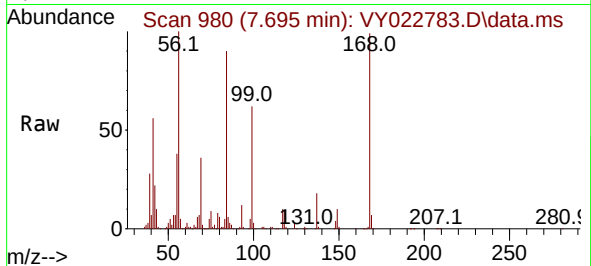




#31
Cyclohexane
Concen: 45.926 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

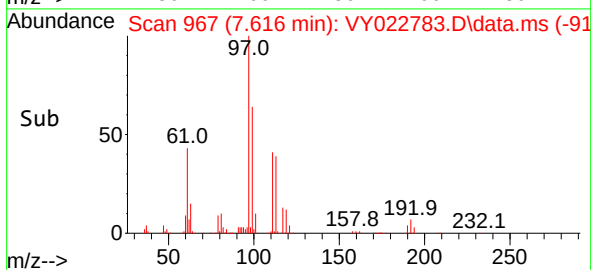
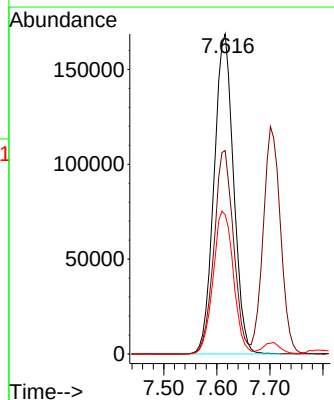
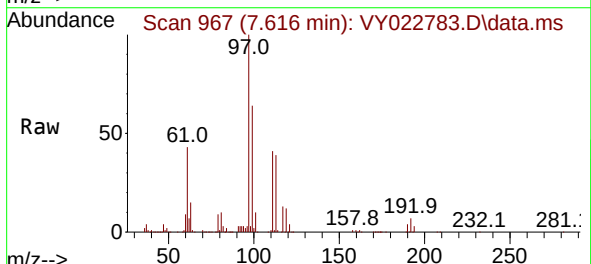
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062325

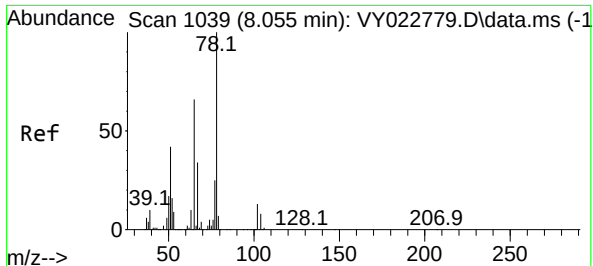
Tgt Ion: 56 Resp: 422671
Ion Ratio Lower Upper
56 100
69 35.5 27.4 41.0
84 88.7 73.1 109.7



#32
1,1,1-Trichloroethane
Concen: 48.388 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 97 Resp: 431799
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 46.2 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 50.109 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

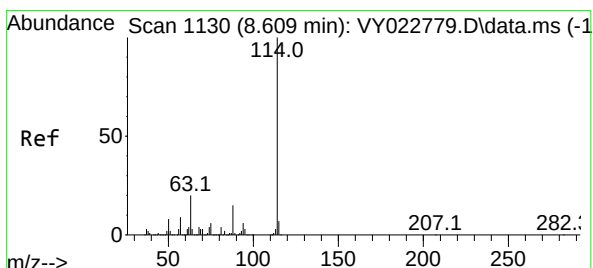
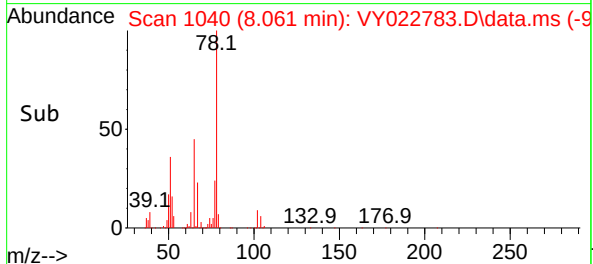
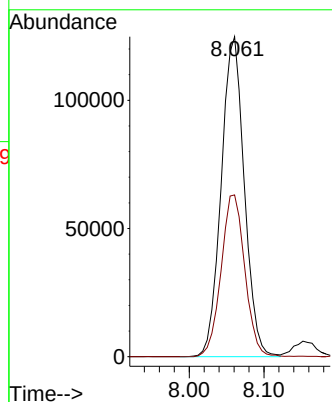
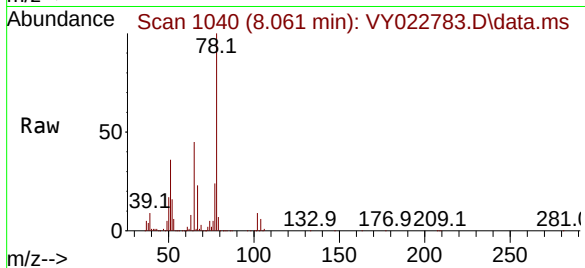
ICVVY062325

Tgt Ion: 65 Resp: 268490

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

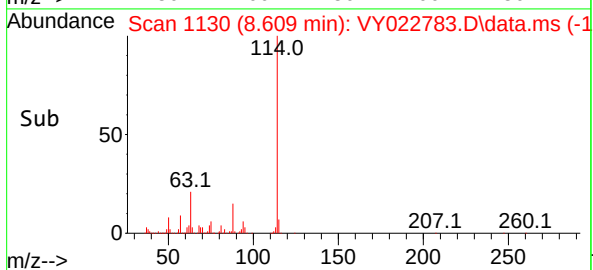
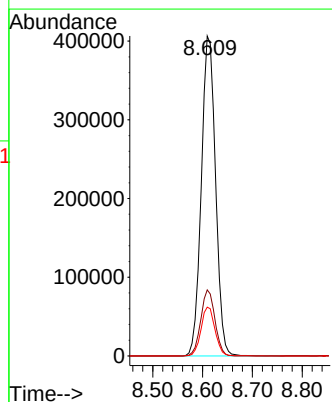
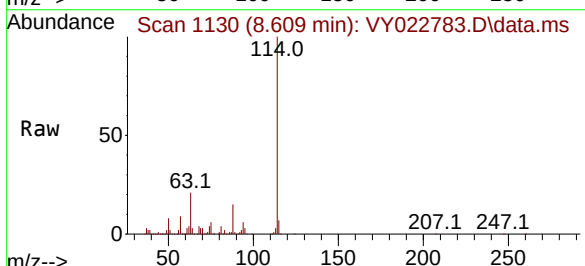
Tgt Ion: 114 Resp: 806385

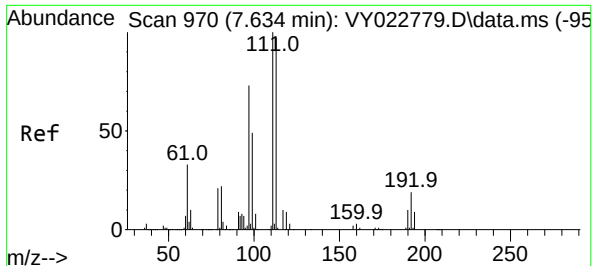
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.8

88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.304 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062325

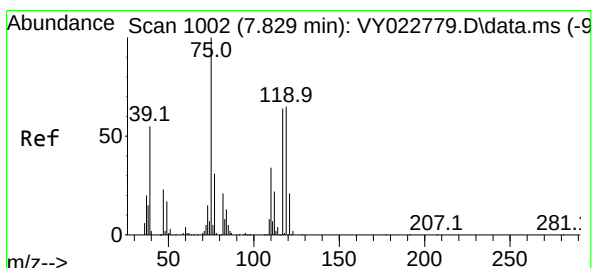
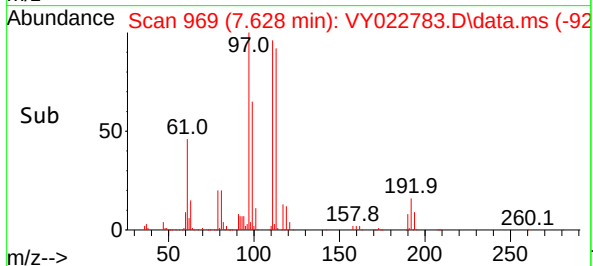
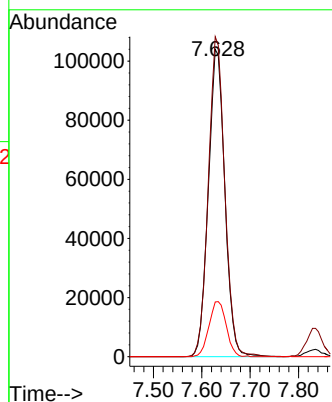
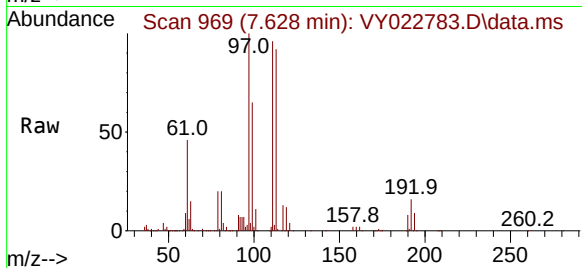
Tgt Ion:113 Resp: 246693

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 18.8 15.6 23.4



#36

1,1-Dichloropropene

Concen: 47.735 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

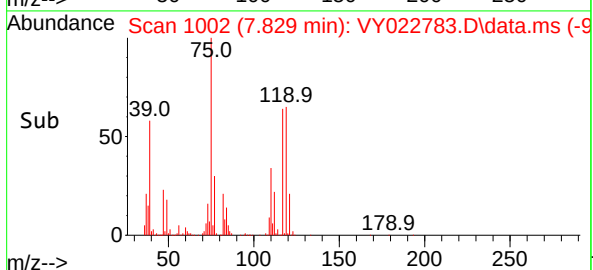
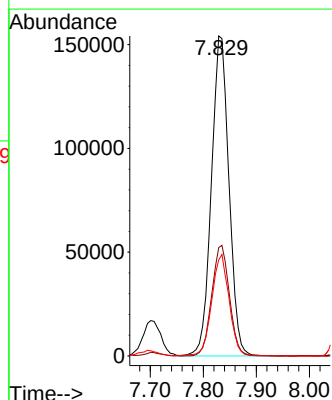
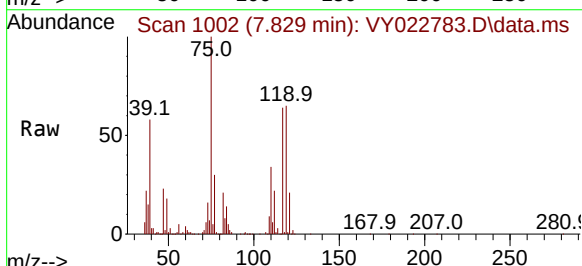
Tgt Ion: 75 Resp: 354829

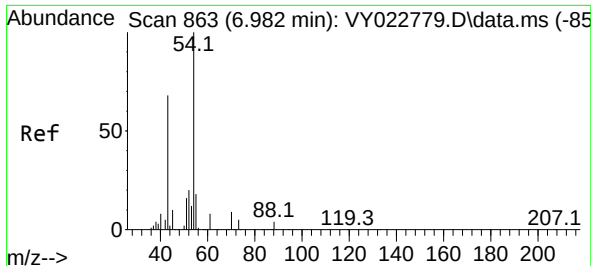
Ion Ratio Lower Upper

75 100

110 34.7 17.3 52.0

77 31.4 25.0 37.4

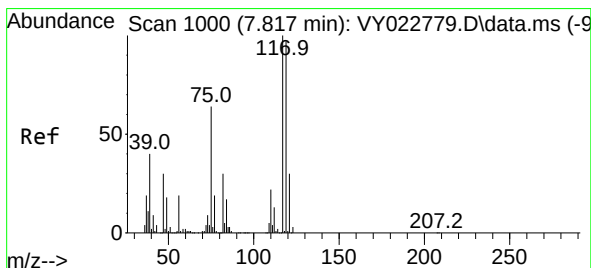
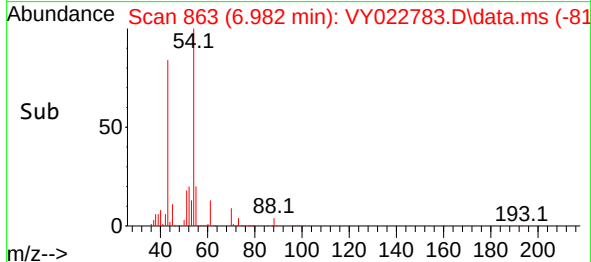
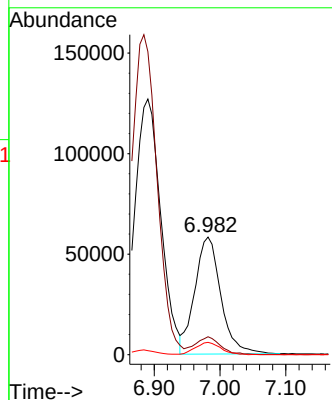
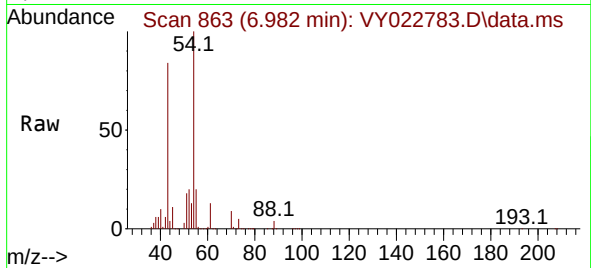




#37
Ethyl Acetate
Concen: 49.894 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

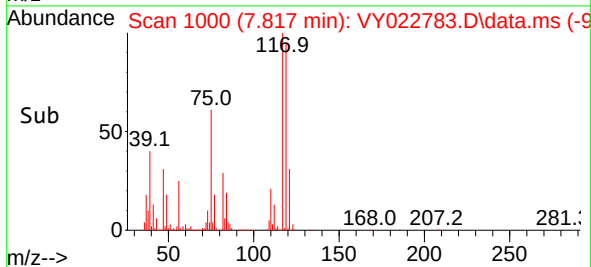
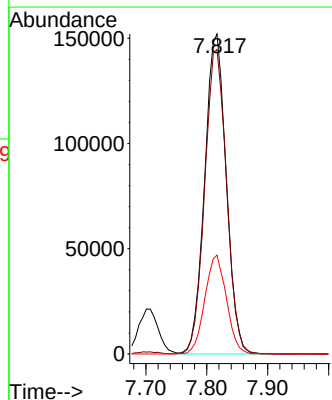
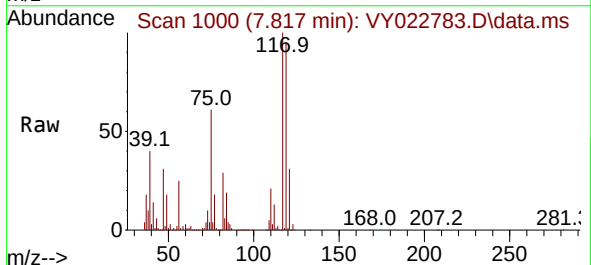
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

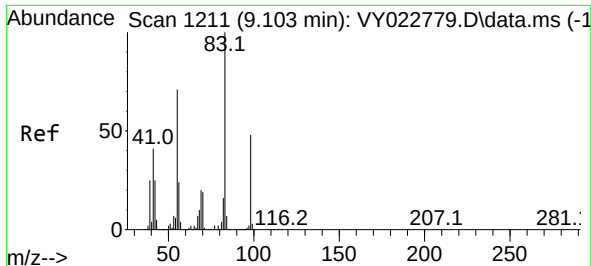
Tgt Ion: 43 Resp: 160039
Ion Ratio Lower Upper
43 100
61 13.8 11.7 17.5
70 10.3 8.5 12.7



#38
Carbon Tetrachloride
Concen: 47.632 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 117 Resp: 373583
Ion Ratio Lower Upper
117 100
119 95.1 77.5 116.3
121 30.9 24.1 36.1





#39

Methylcyclohexane

Concen: 48.226 ug/l

RT: 9.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062325

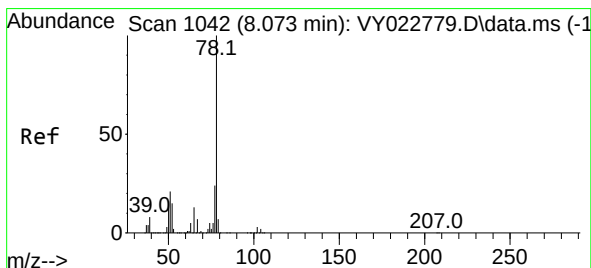
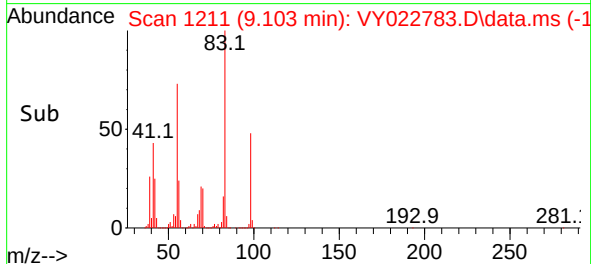
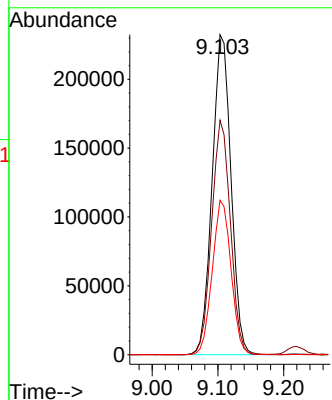
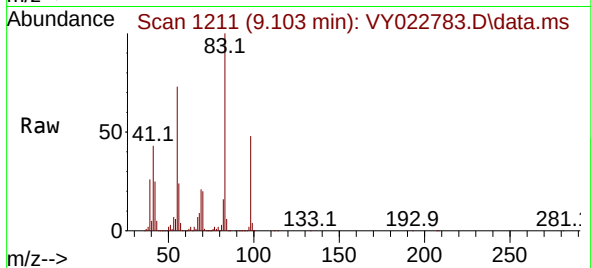
Tgt Ion: 83 Resp: 463905

Ion Ratio Lower Upper

83 100

55 73.2 56.6 84.8

98 48.3 38.1 57.1



#40

Benzene

Concen: 48.376 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY022783.D

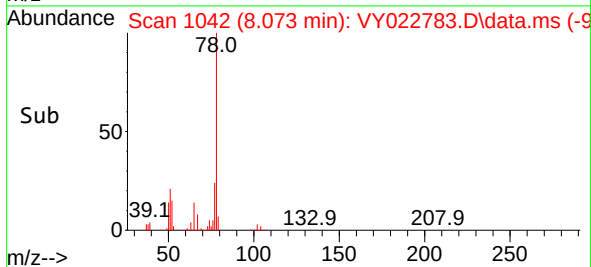
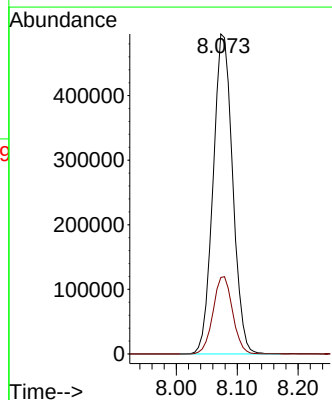
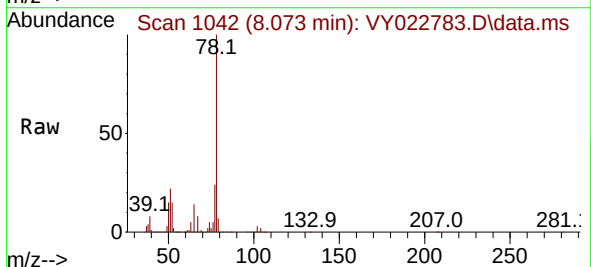
Acq: 23 Jun 2025 16:17

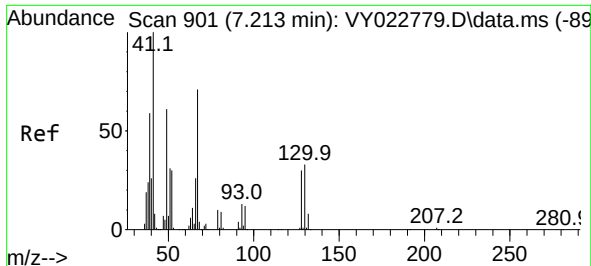
Tgt Ion: 78 Resp: 1105593

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7



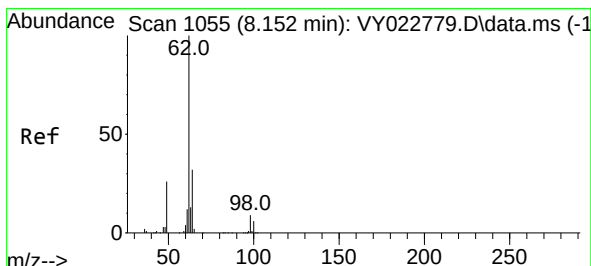
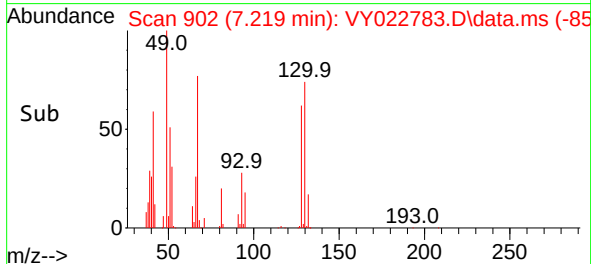
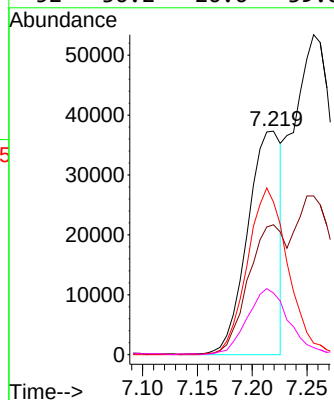
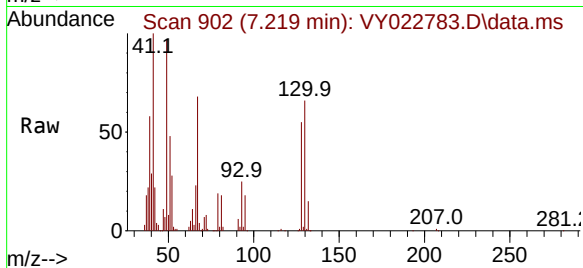


#41
Methacrylonitrile
Concen: 40.185 ug/l
RT: 7.219 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Tgt Ion: 41 Resp: 79352

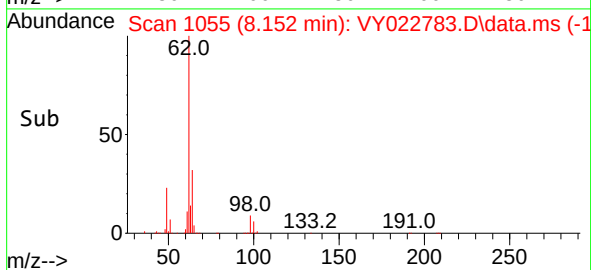
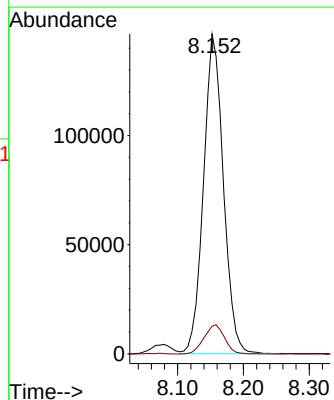
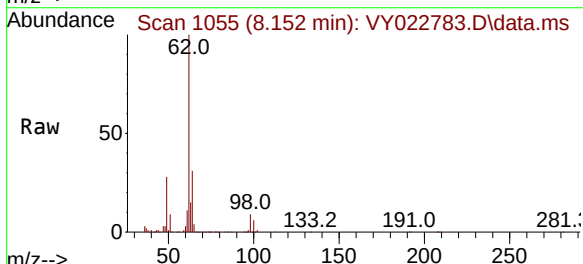
Ion	Ratio	Lower	Upper
41	100		
39	65.1	44.7	67.1
67	90.7	63.1	94.7
52	36.2	26.6	39.8

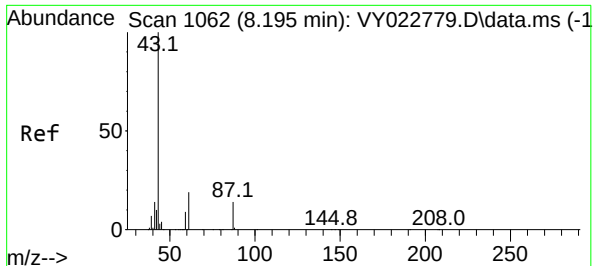


#42
1,2-Dichloroethane
Concen: 49.108 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 62 Resp: 307548

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6

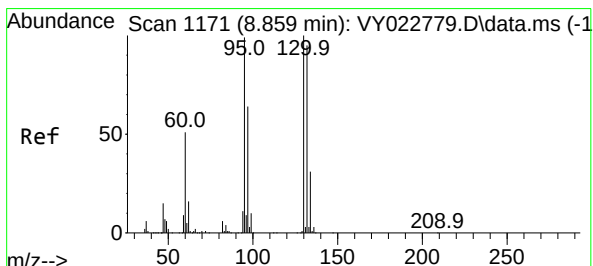
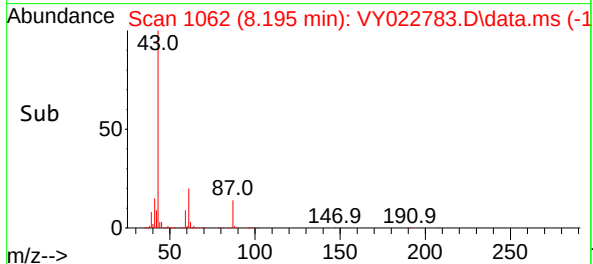
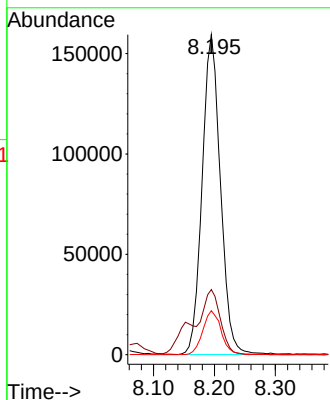
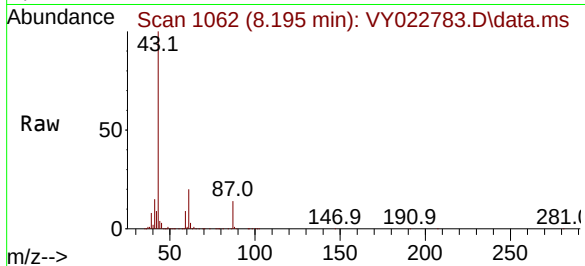




#43
Isopropyl Acetate
Concen: 49.983 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

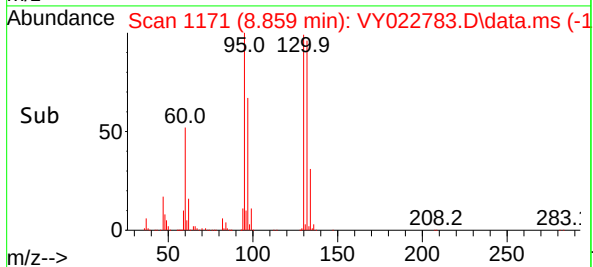
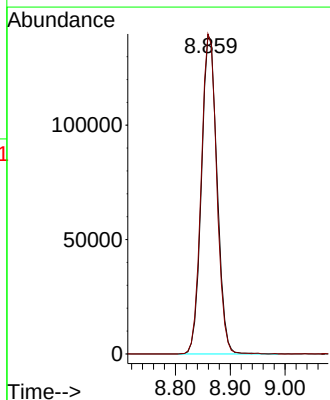
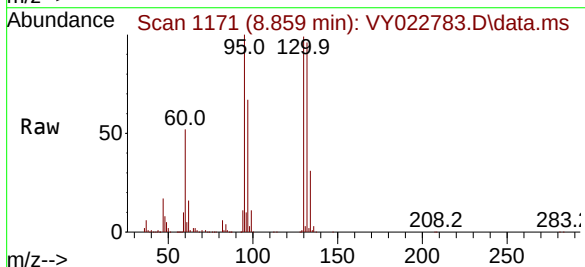
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

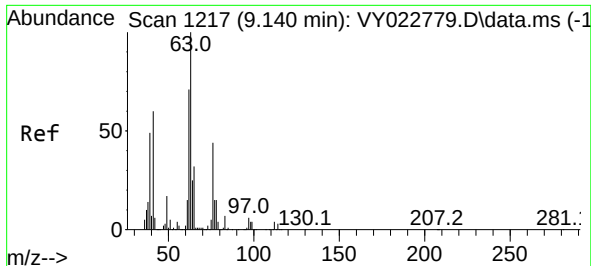
Tgt Ion: 43 Resp: 333219
Ion Ratio Lower Upper
43 100
61 19.8 16.7 25.1
87 13.7 11.0 16.4



#44
Trichloroethene
Concen: 47.904 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion:130 Resp: 274874
Ion Ratio Lower Upper
130 100
95 100.5 0.0 197.2





#45

1,2-Dichloropropane

Concen: 48.510 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

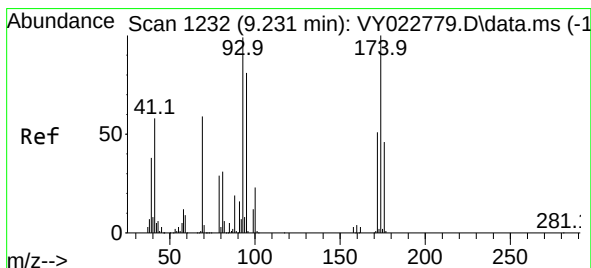
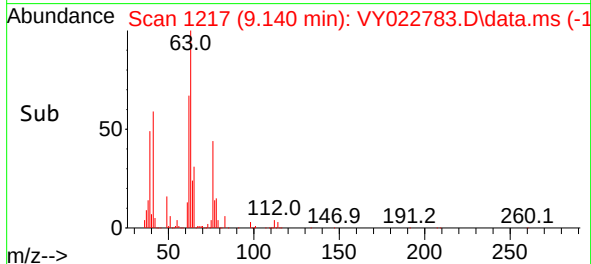
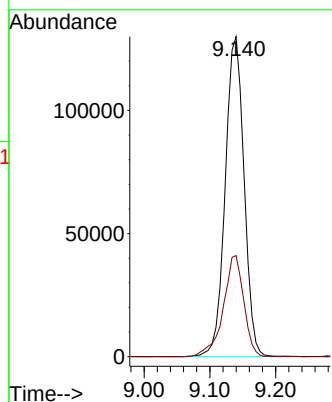
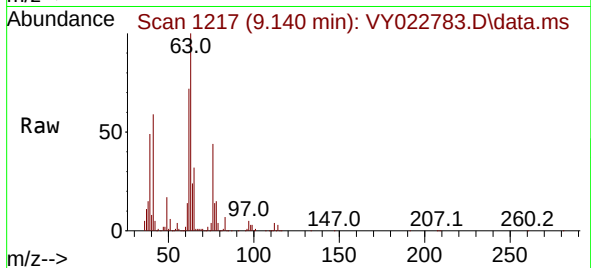
ICVVY062325

Tgt Ion: 63 Resp: 259472

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 48.070 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

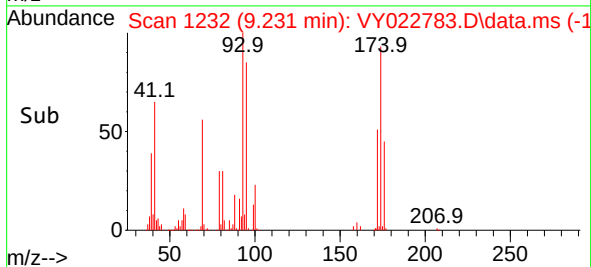
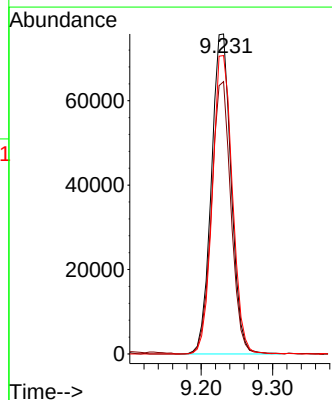
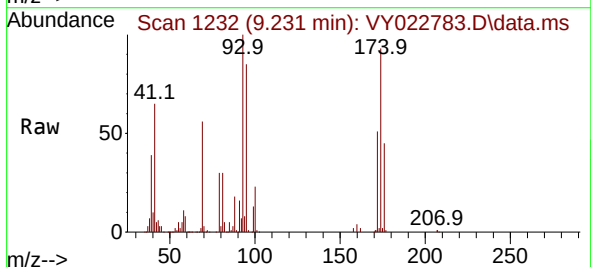
Tgt Ion: 93 Resp: 145961

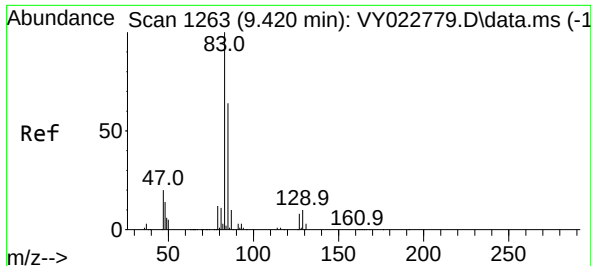
Ion Ratio Lower Upper

93 100

95 84.0 66.4 99.6

174 94.0 76.7 115.1

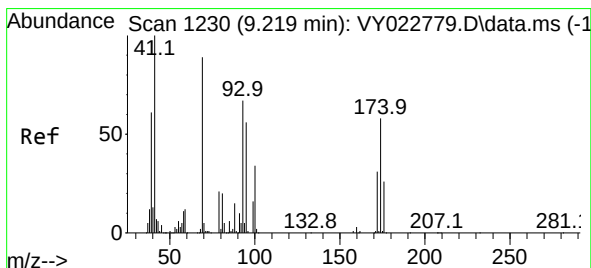
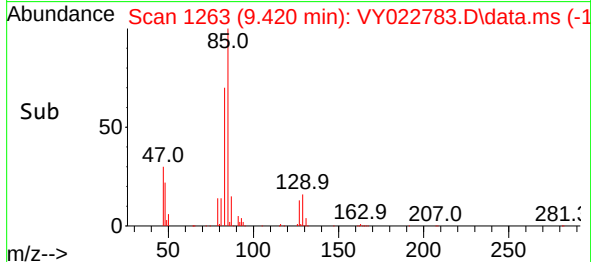
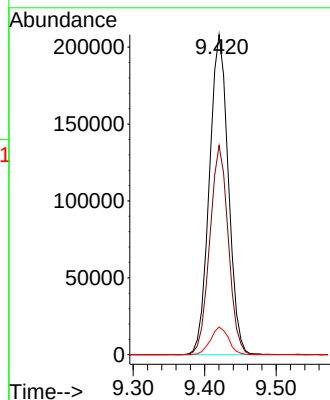
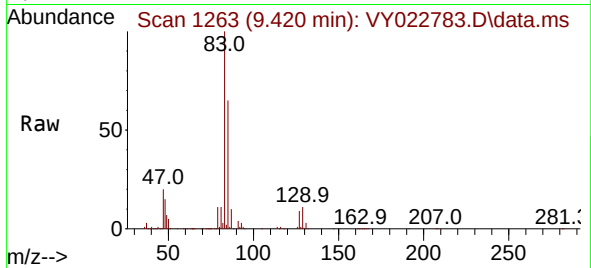




#47
Bromodichloromethane
Concen: 48.872 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

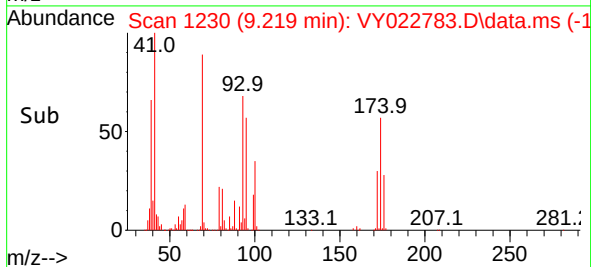
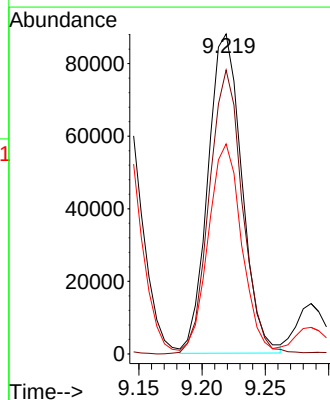
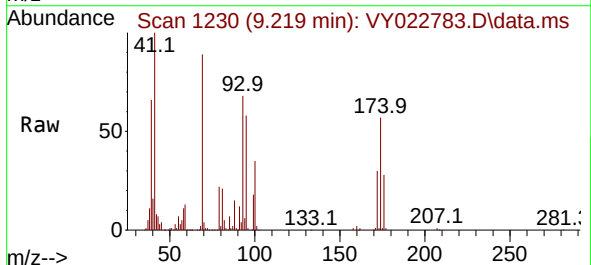
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

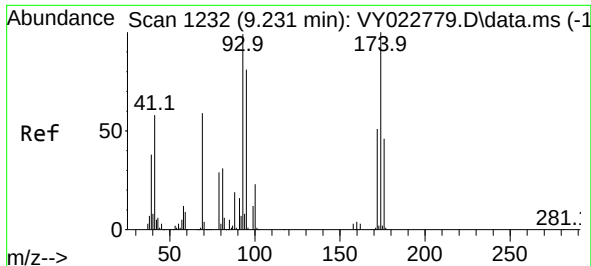
Tgt Ion: 83 Resp: 382665
Ion Ratio Lower Upper
83 100
85 65.3 51.5 77.3
127 8.6 6.4 9.6



#48
Methyl methacrylate
Concen: 51.285 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 41 Resp: 164362
Ion Ratio Lower Upper
41 100
69 87.1 70.6 105.8
39 62.4 50.2 75.4





#49

1,4-Dioxane

Concen: 983.335 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062325

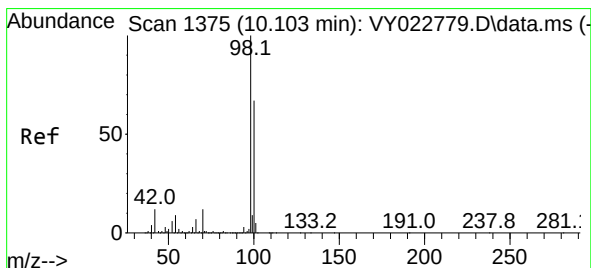
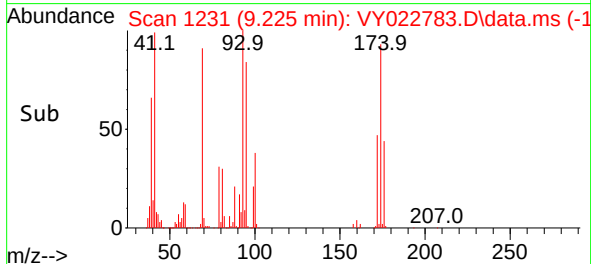
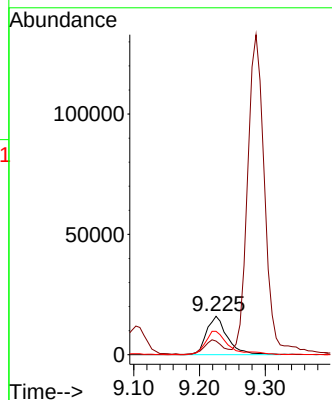
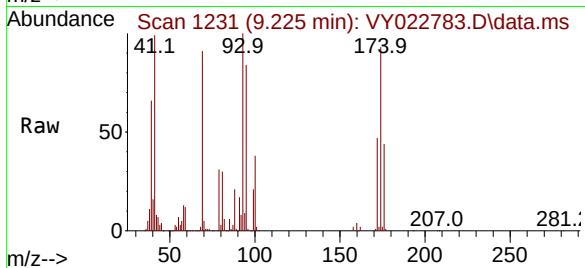
Tgt Ion: 88 Resp: 35276

Ion Ratio Lower Upper

88 100

43 34.0 27.6 41.4

58 67.7 50.6 75.8



#50

Toluene-d8

Concen: 49.755 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022783.D

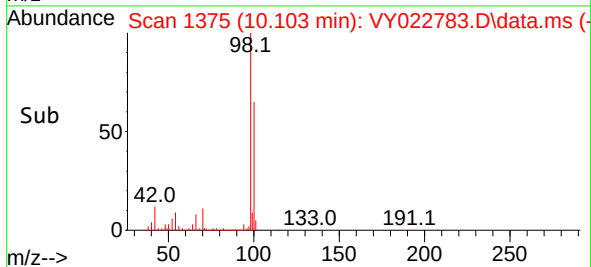
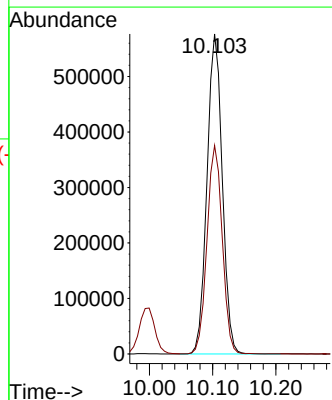
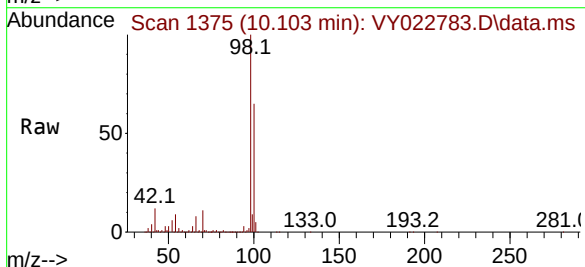
Acq: 23 Jun 2025 16:17

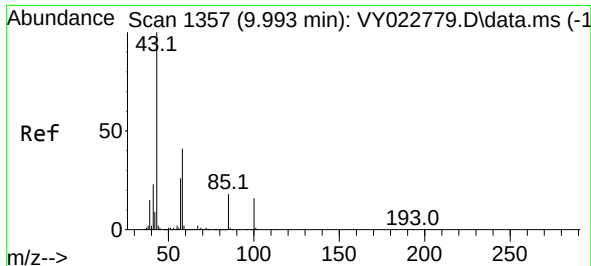
Tgt Ion: 98 Resp: 968221

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 256.103 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

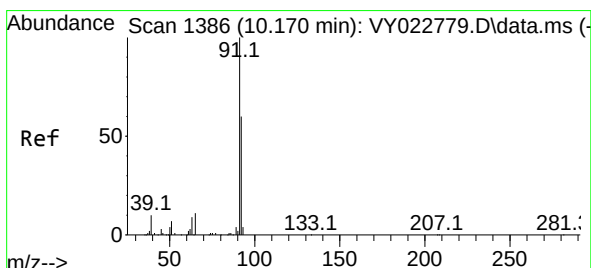
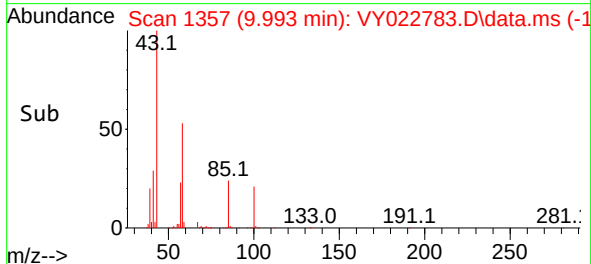
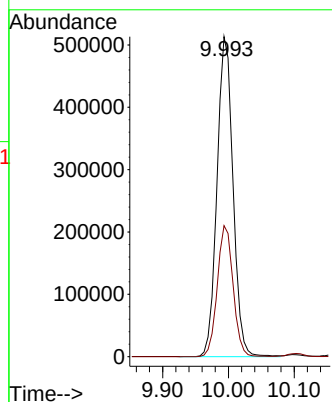
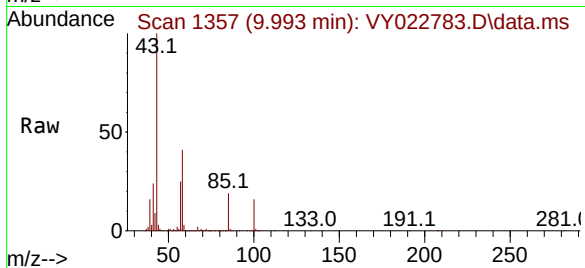
ICVVY062325

Tgt Ion: 43 Resp: 867628

Ion Ratio Lower Upper

43 100

58 40.6 32.9 49.3



#52

Toluene

Concen: 48.894 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022783.D

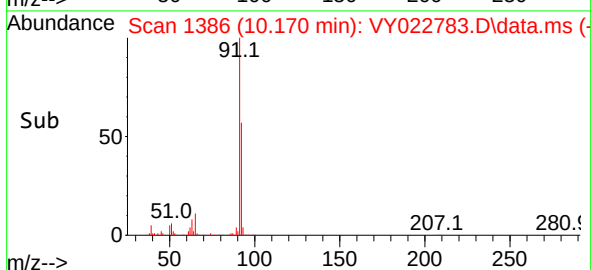
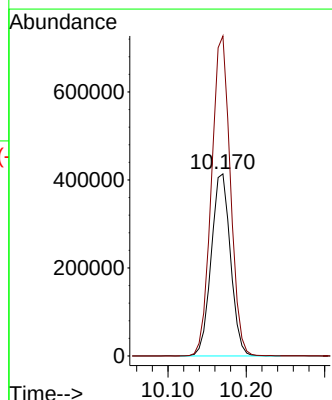
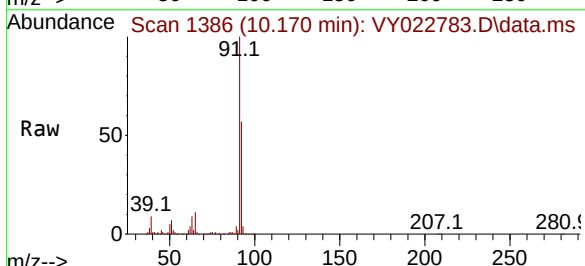
Acq: 23 Jun 2025 16:17

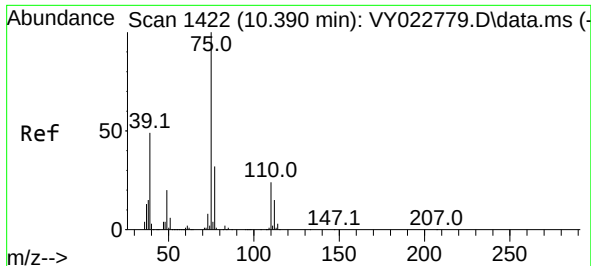
Tgt Ion: 92 Resp: 704960

Ion Ratio Lower Upper

92 100

91 172.8 137.2 205.8





#53

t-1,3-Dichloropropene

Concen: 49.428 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

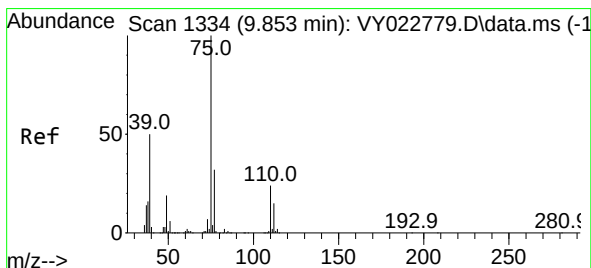
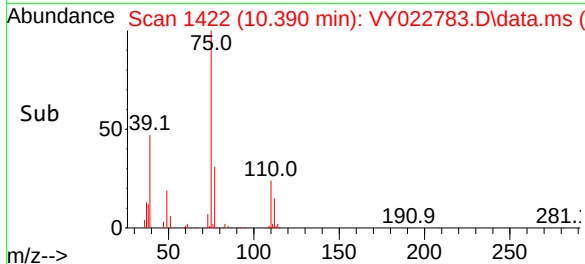
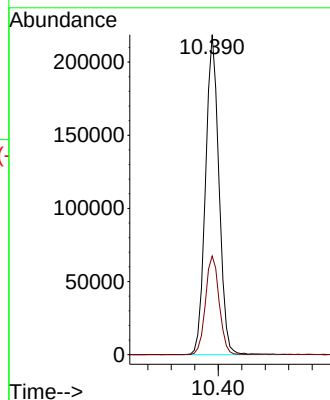
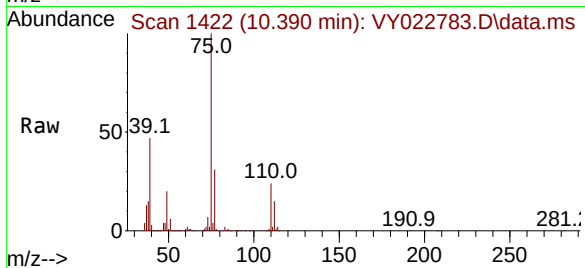
ICVY062325

Tgt Ion: 75 Resp: 348211

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 49.547 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

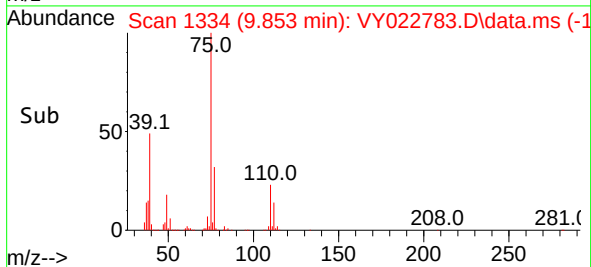
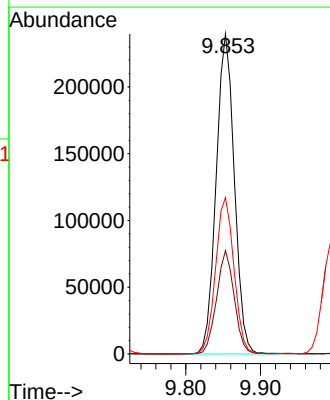
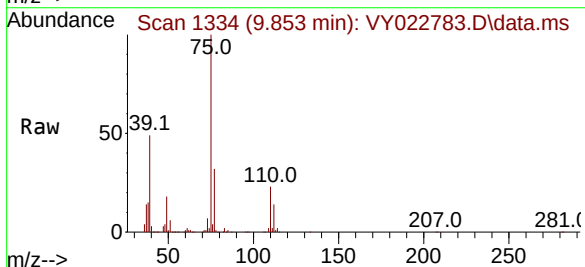
Tgt Ion: 75 Resp: 404721

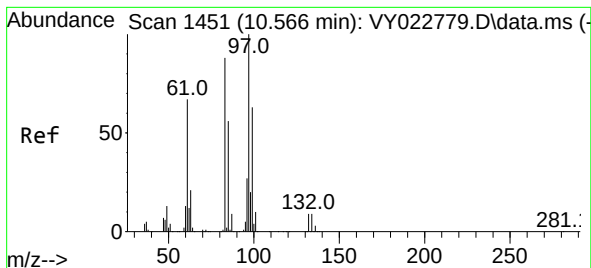
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

39 48.9 40.2 60.2



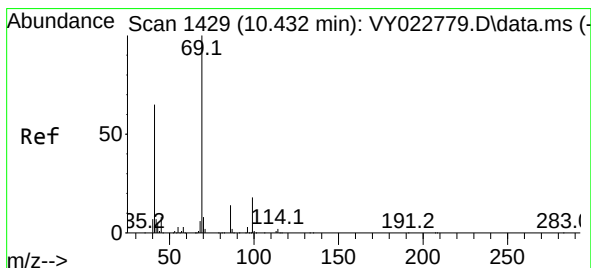
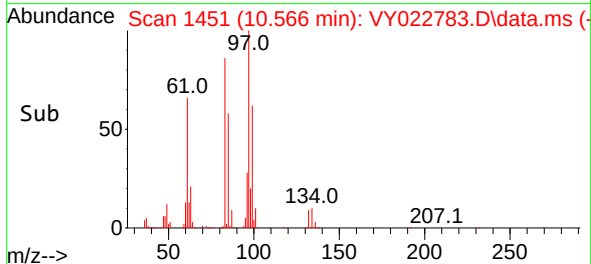
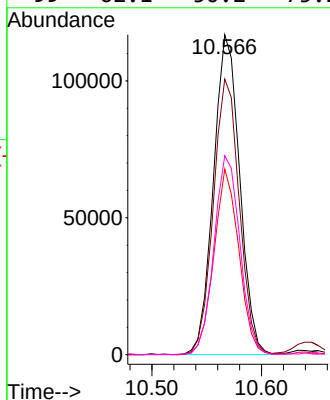
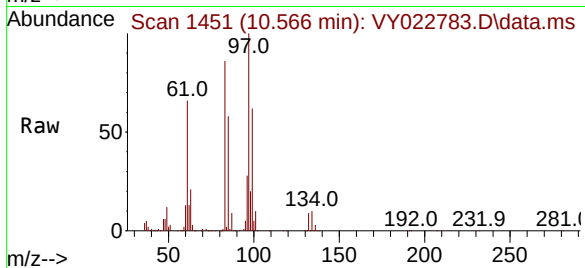


#55
1,1,2-Trichloroethane
Concen: 49.380 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

Tgt Ion: 97 Resp: 194151

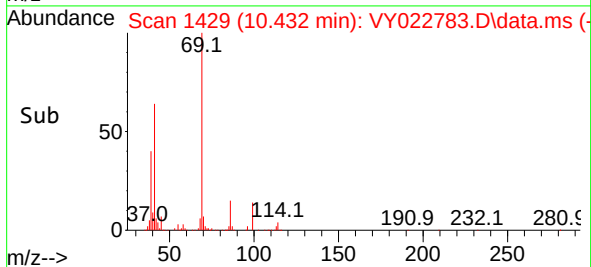
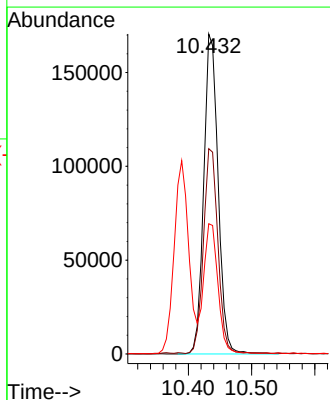
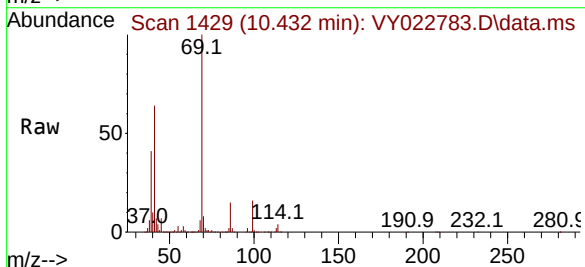
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.6	106.0
85	58.0	45.0	67.4
99	62.1	50.2	75.2

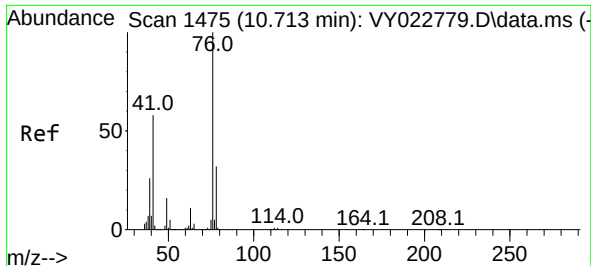


#56
Ethyl methacrylate
Concen: 51.054 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 69 Resp: 270067

Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.2	76.8
39	40.0	31.4	47.2





#57

1,3-Dichloropropane

Concen: 49.568 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

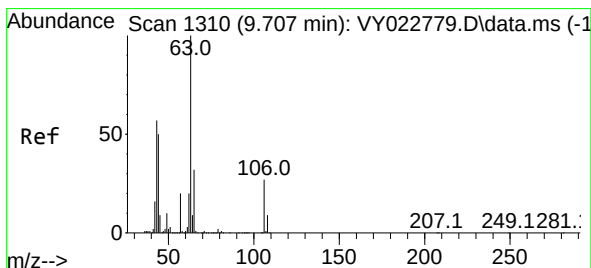
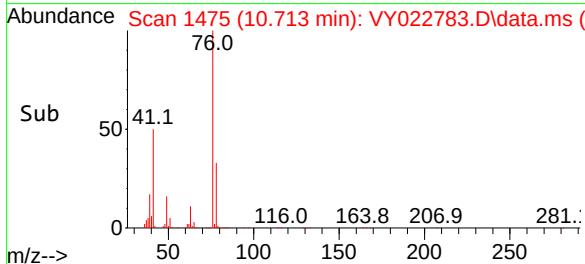
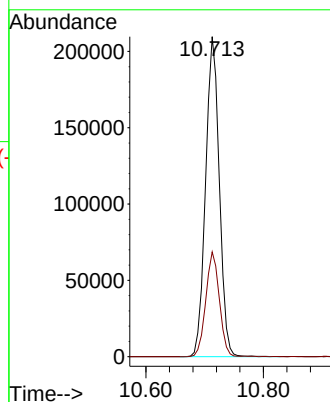
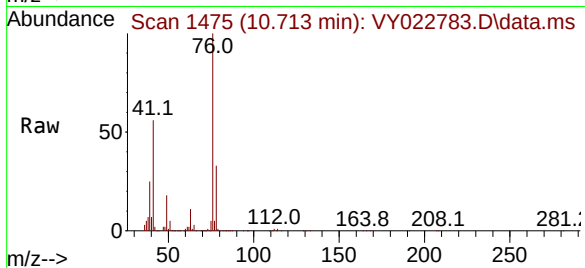
ICVY062325

Tgt Ion: 76 Resp: 340025

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 245.249 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022783.D

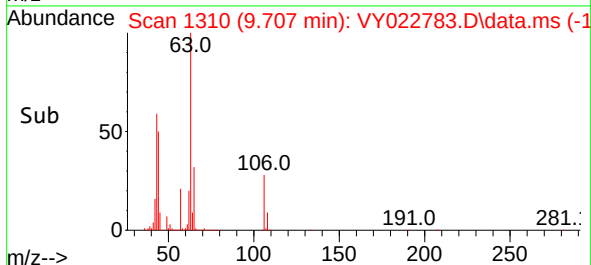
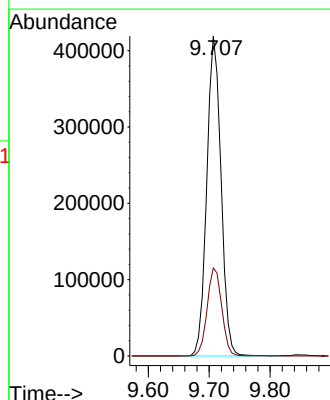
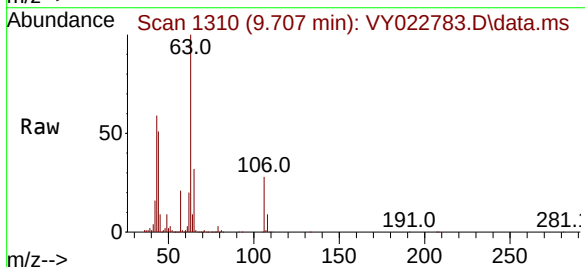
Acq: 23 Jun 2025 16:17

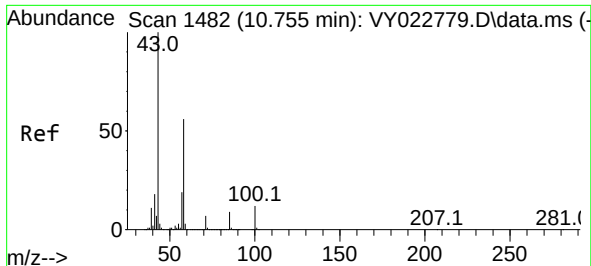
Tgt Ion: 63 Resp: 680973

Ion Ratio Lower Upper

63 100

106 28.0 22.3 33.5

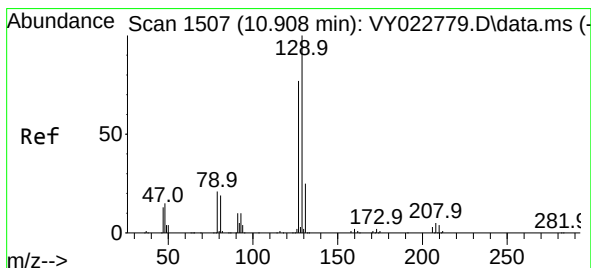
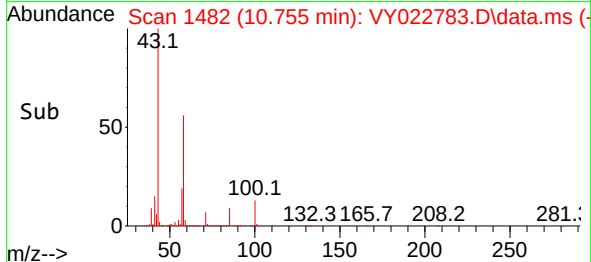
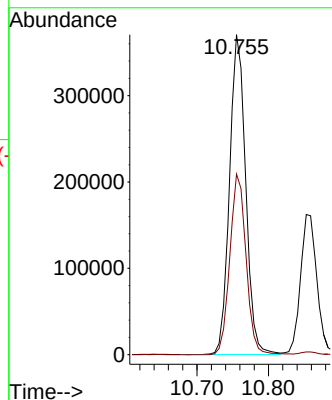
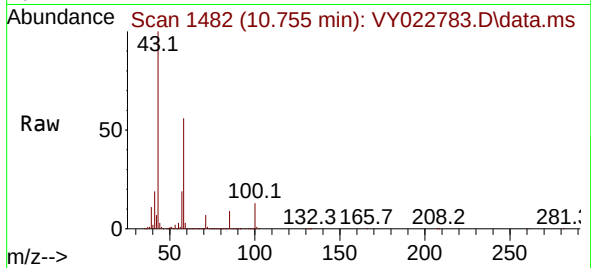




#59
2-Hexanone
Concen: 251.999 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

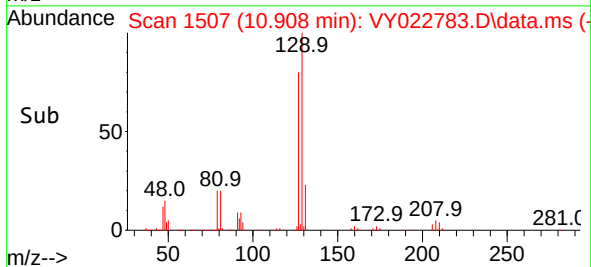
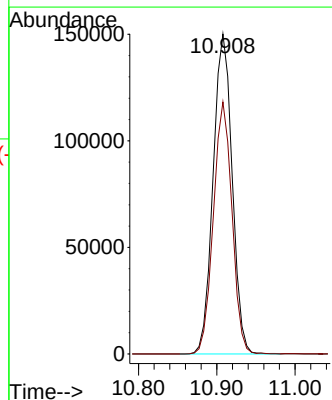
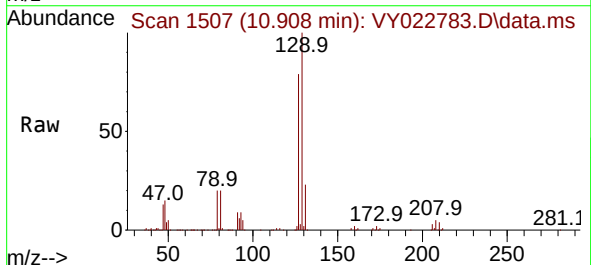
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

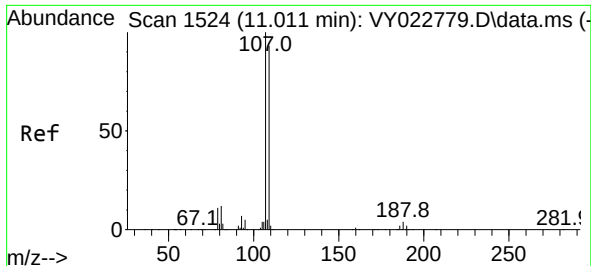
Tgt Ion: 43 Resp: 580425
Ion Ratio Lower Upper
43 100
58 56.8 28.0 83.9



#60
Dibromochloromethane
Concen: 49.955 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 129 Resp: 253700
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1

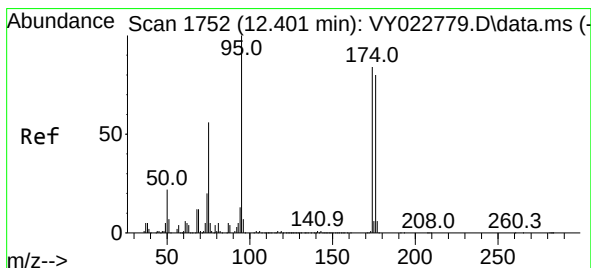
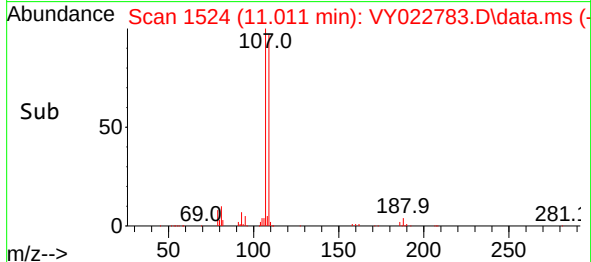
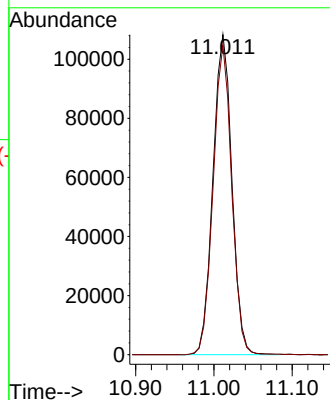
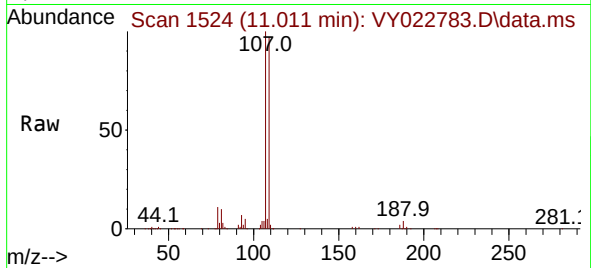




#61
1,2-Dibromoethane
Concen: 49.399 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

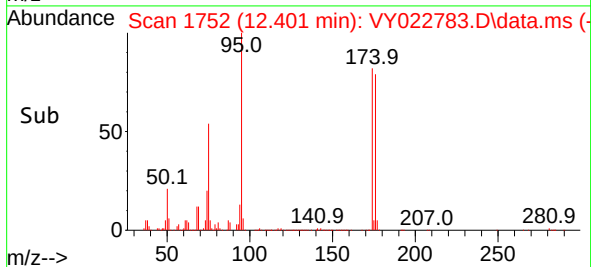
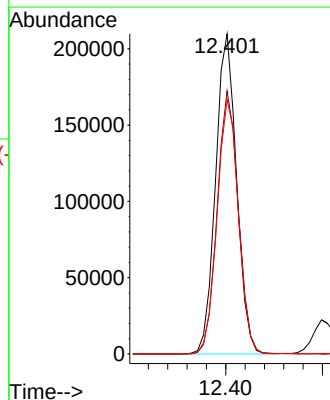
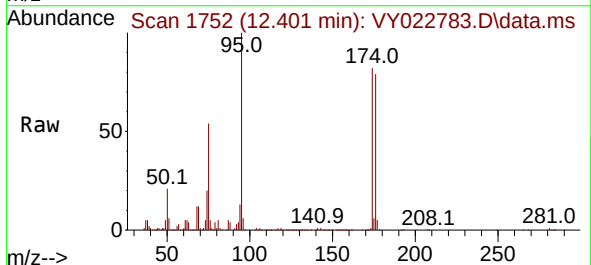
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

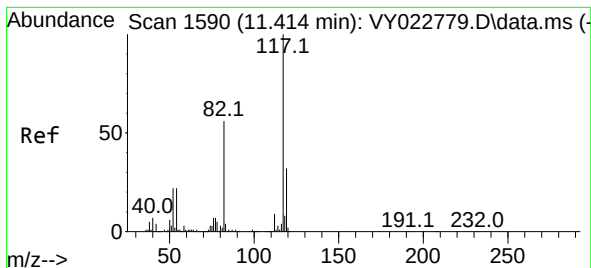
Tgt Ion:107 Resp: 181754
Ion Ratio Lower Upper
107 100
109 95.0 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 50.342 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 95 Resp: 314924
Ion Ratio Lower Upper
95 100
174 82.7 0.0 168.2
176 80.9 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062325

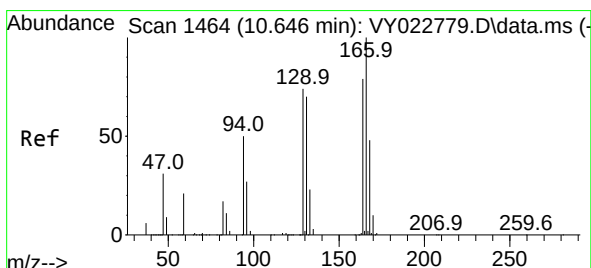
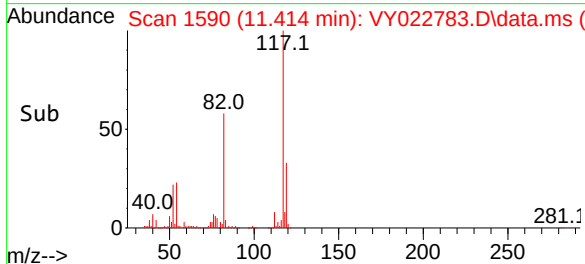
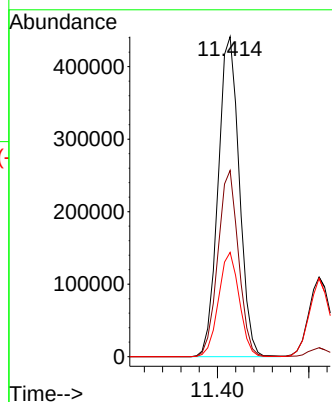
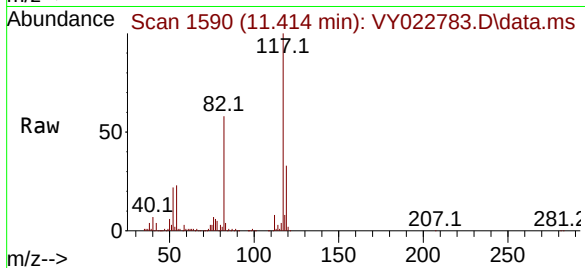
Tgt Ion:117 Resp: 709921

Ion Ratio Lower Upper

117 100

82 58.2 45.1 67.7

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 45.257 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Tgt Ion:164 Resp: 303522

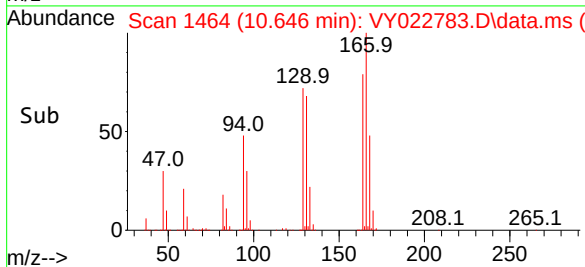
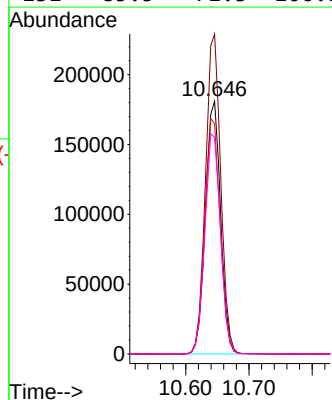
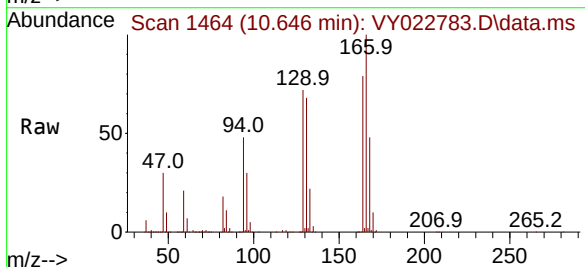
Ion Ratio Lower Upper

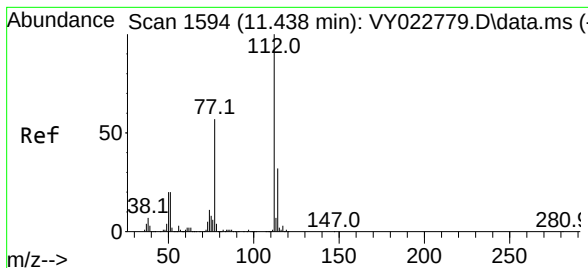
164 100

166 126.6 101.2 151.8

129 91.1 74.7 112.1

131 85.5 71.3 106.9

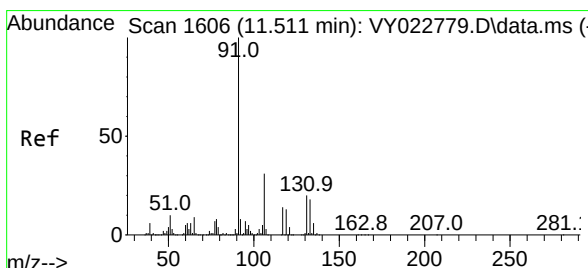
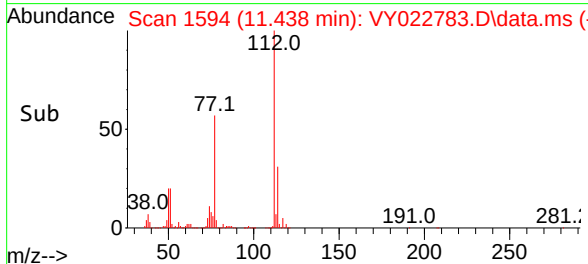
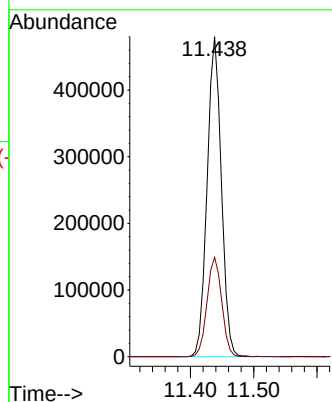
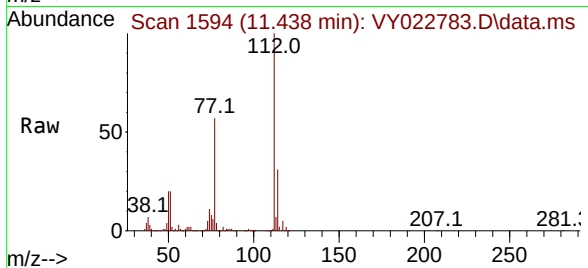




#65
Chlorobenzene
Concen: 48.095 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

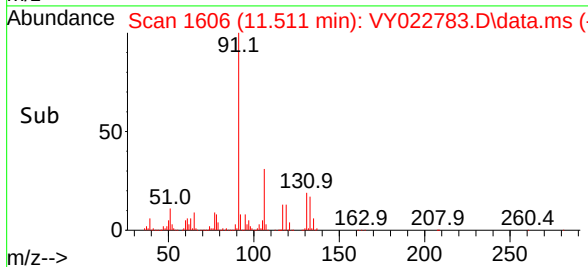
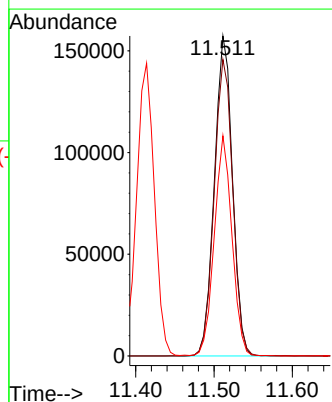
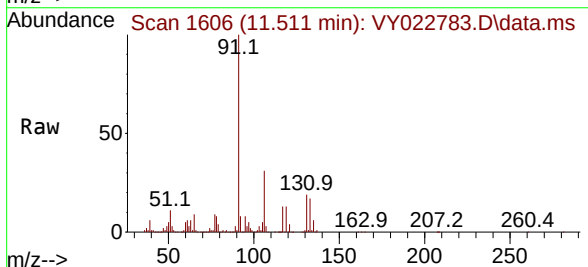
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

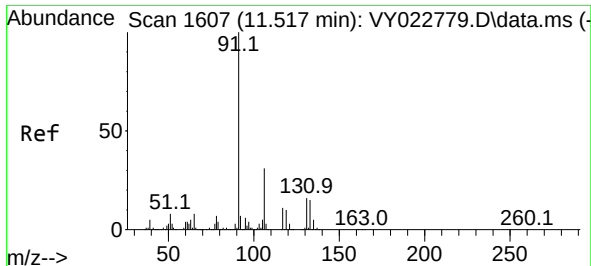
Tgt Ion:112 Resp: 750243
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.973 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion:131 Resp: 253468
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 67.0 32.9 98.7





#67

Ethyl Benzene

Concen: 49.316 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

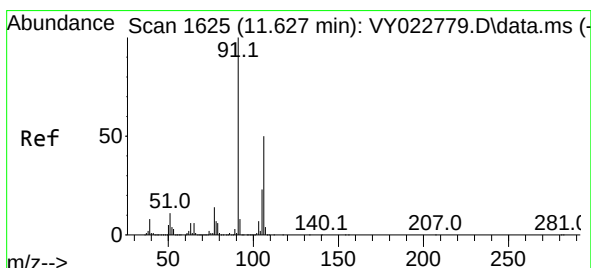
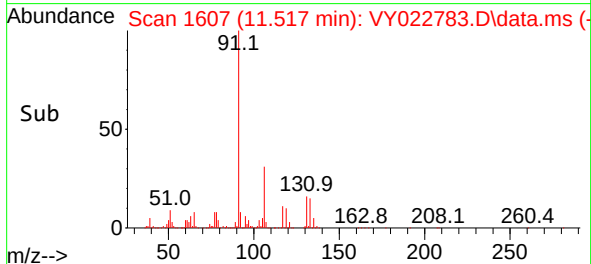
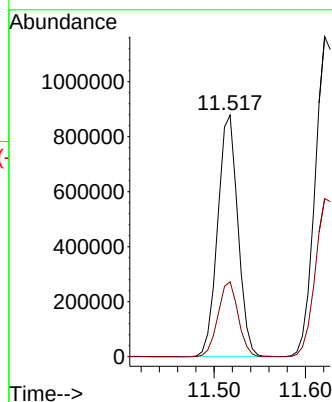
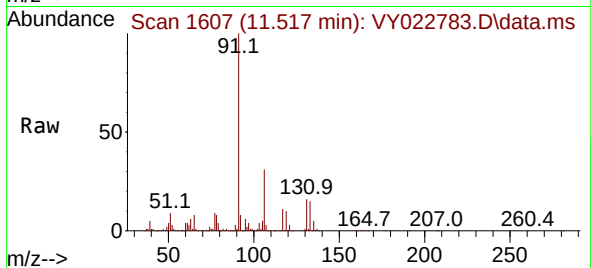
ICVY062325

Tgt Ion: 91 Resp: 1351655

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 98.506 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.006 min

Lab File: VY022783.D

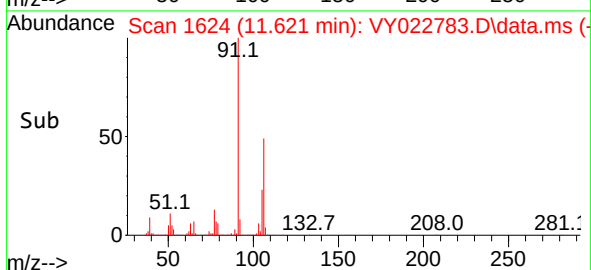
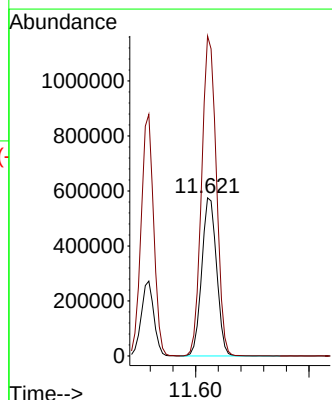
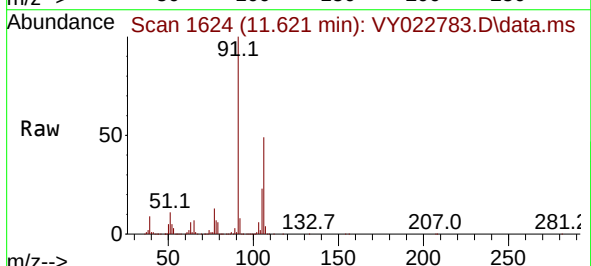
Acq: 23 Jun 2025 16:17

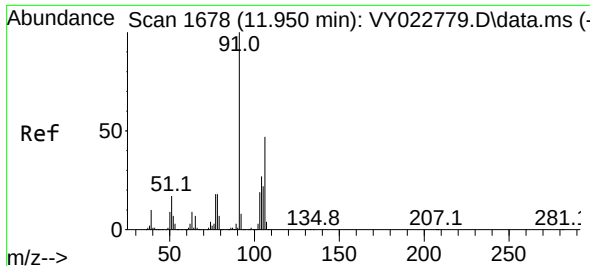
Tgt Ion:106 Resp: 1043651

Ion Ratio Lower Upper

106 100

91 201.0 160.4 240.6

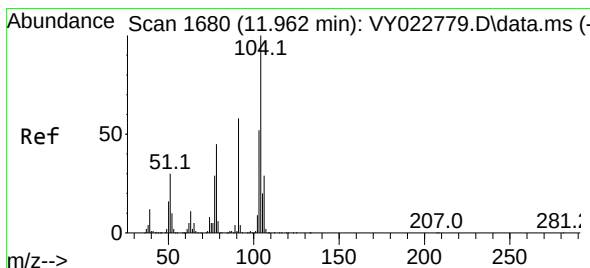
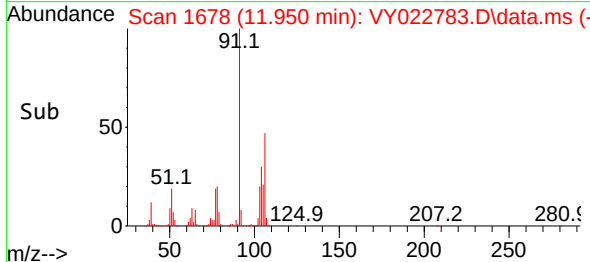
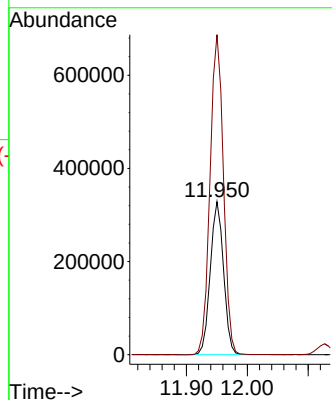
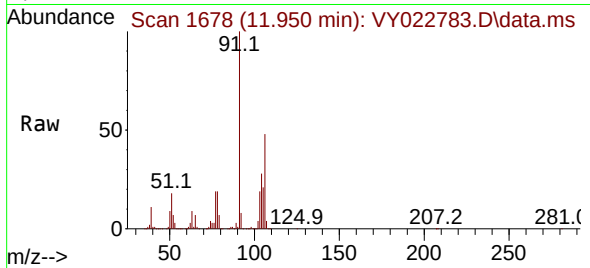




#69
o-Xylene
Concen: 49.631 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

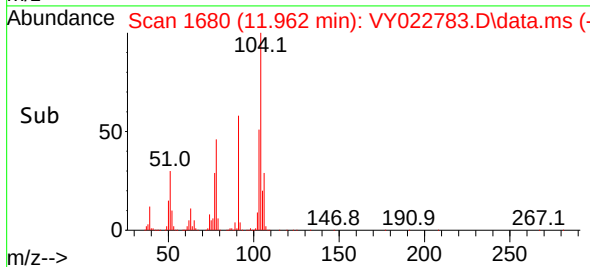
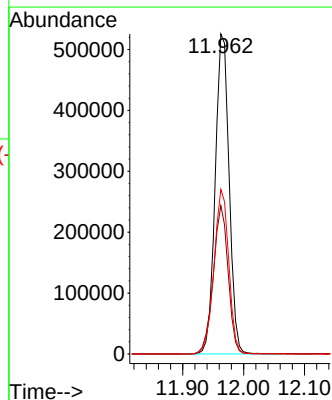
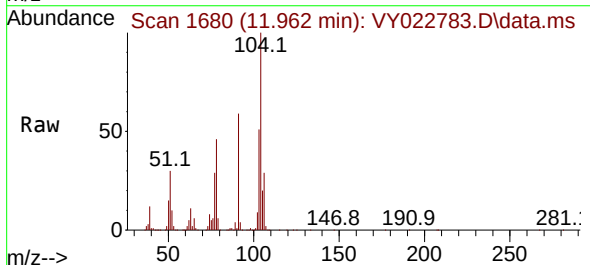
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

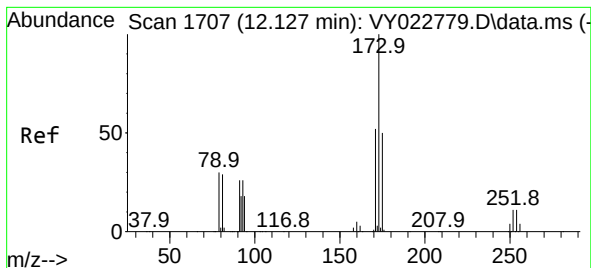
Tgt Ion:106 Resp: 495462
Ion Ratio Lower Upper
106 100
91 211.8 106.9 320.8



#70
Styrene
Concen: 49.897 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion:104 Resp: 834381
Ion Ratio Lower Upper
104 100
78 49.4 38.8 58.2
103 54.5 43.7 65.5





#71

Bromoform

Concen: 48.380 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062325

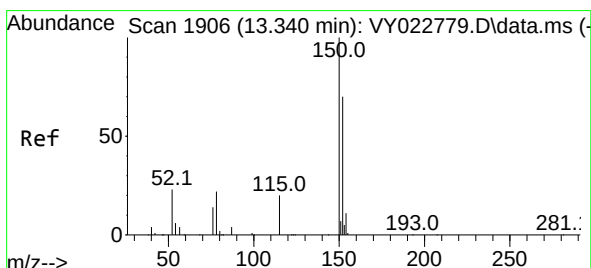
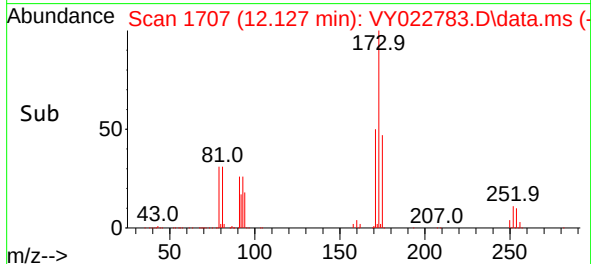
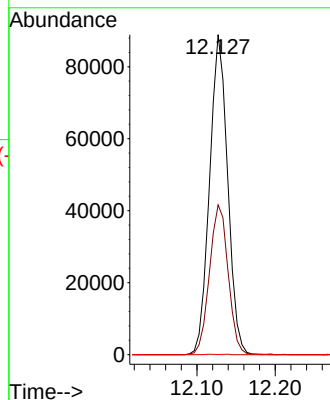
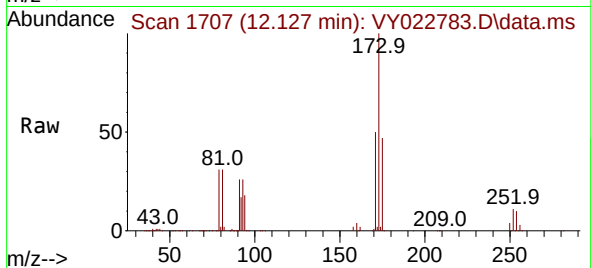
Tgt Ion:173 Resp: 142330

Ion Ratio Lower Upper

173 100

175 48.2 24.5 73.5

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

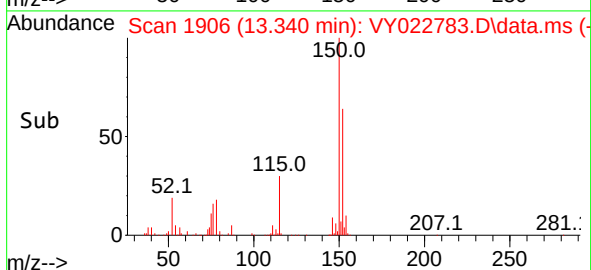
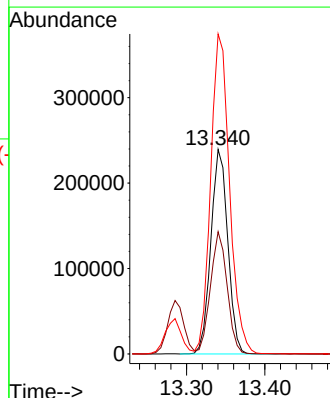
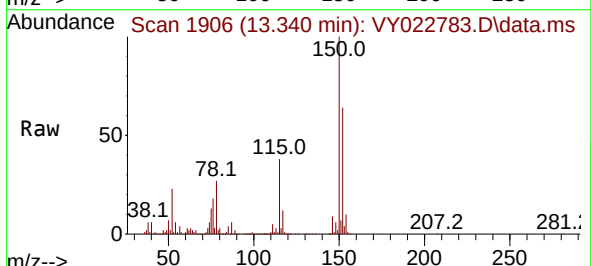
Tgt Ion:152 Resp: 359311

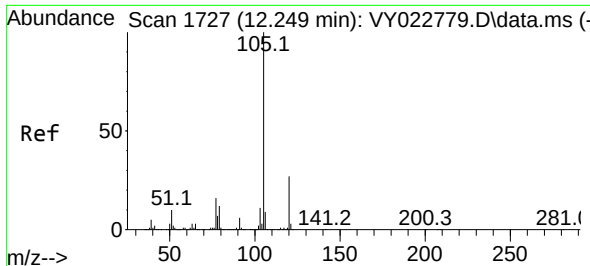
Ion Ratio Lower Upper

152 100

115 58.8 28.1 84.3

150 174.3 0.0 346.4

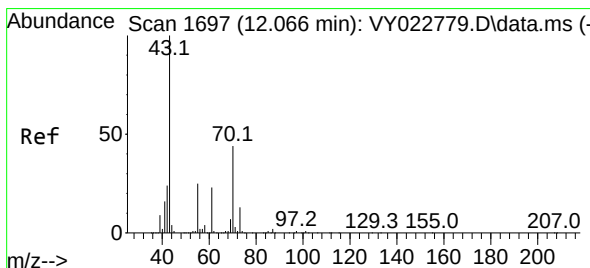
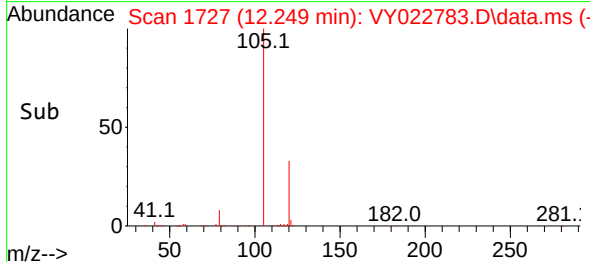
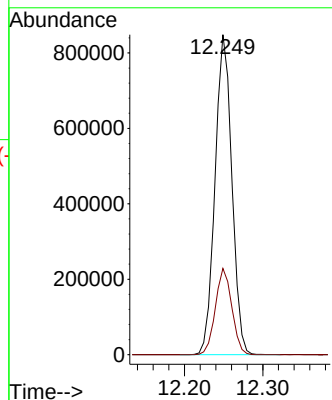
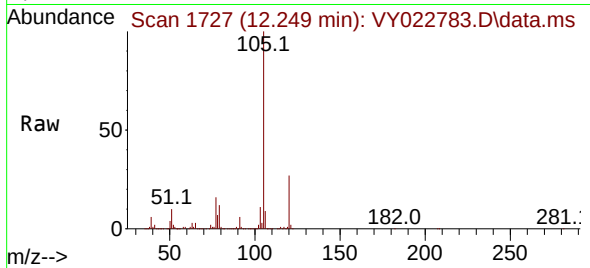




#73
Isopropylbenzene
Concen: 47.581 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

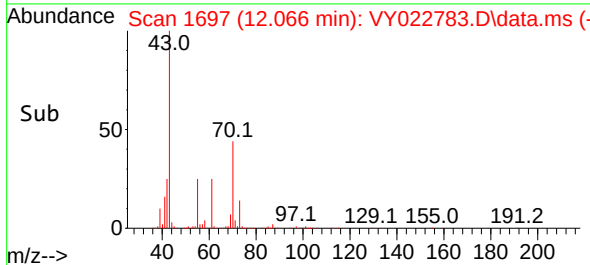
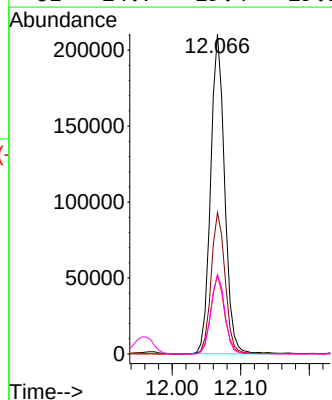
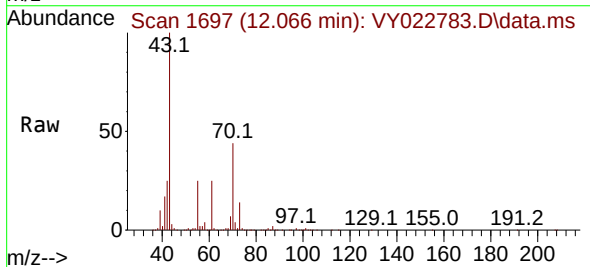
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

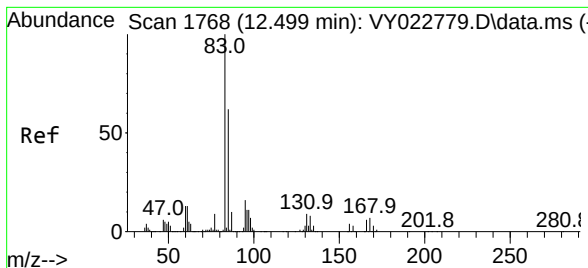
Tgt Ion:105 Resp: 1264391
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 50.258 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 43 Resp: 299778
Ion Ratio Lower Upper
43 100
70 44.2 35.8 53.6
55 24.6 19.9 29.9
61 24.7 19.4 29.2

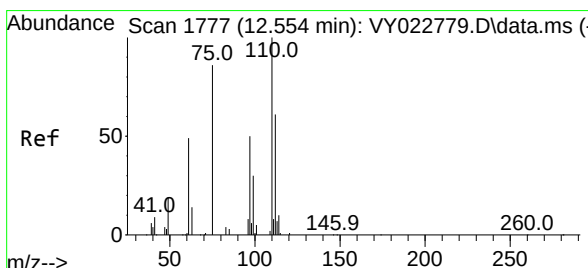
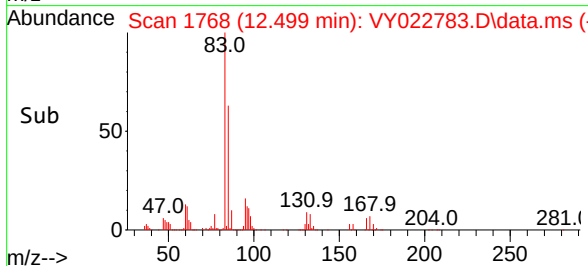
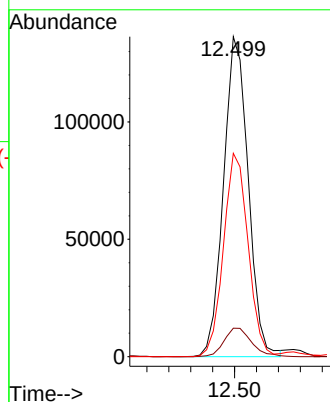
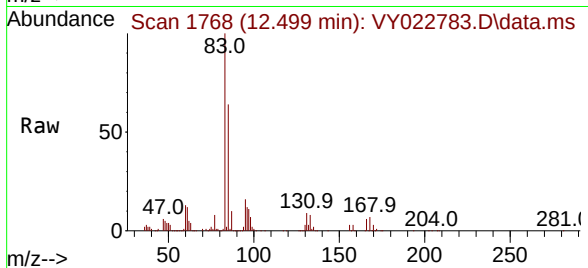




#75
1,1,2-Tetrachloroethane
Concen: 49.808 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

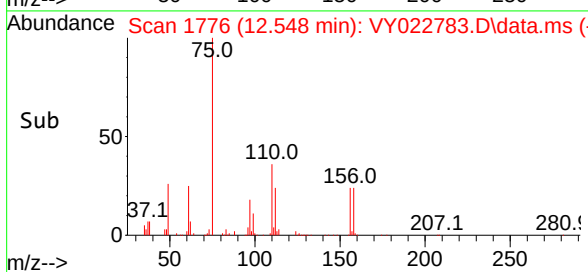
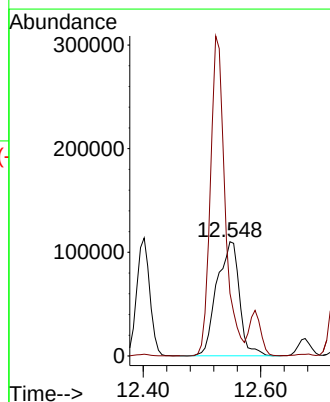
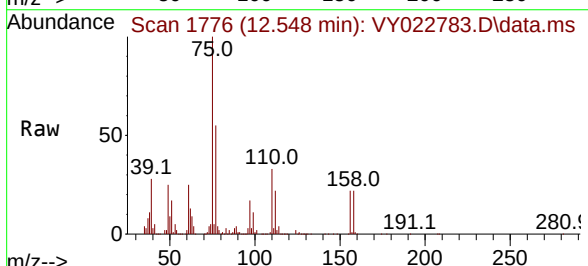
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

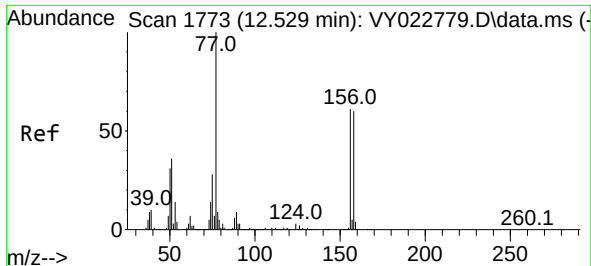
Tgt Ion: 83 Resp: 213316
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 63.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 80.046 ug/l
RT: 12.548 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 75 Resp: 293630
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

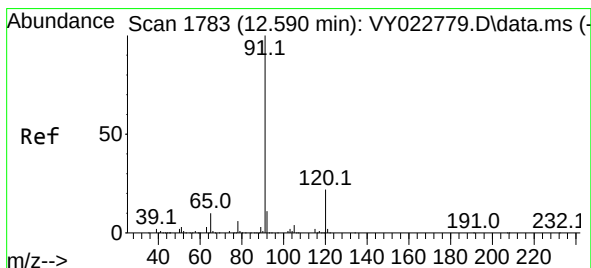
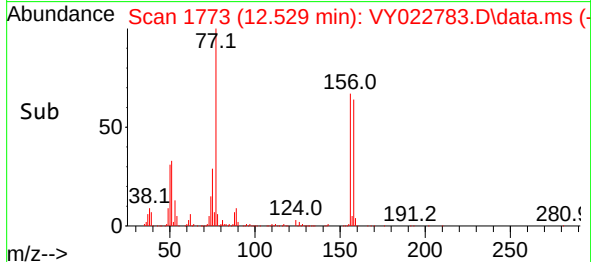
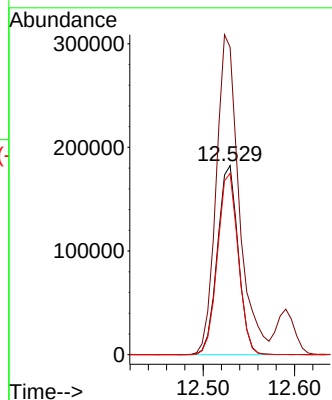
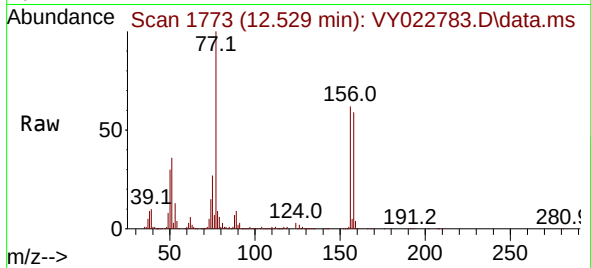




#77
Bromobenzene
Concen: 47.796 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

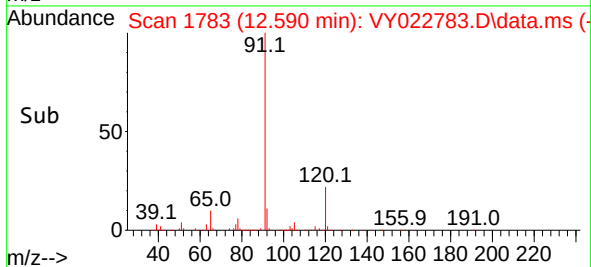
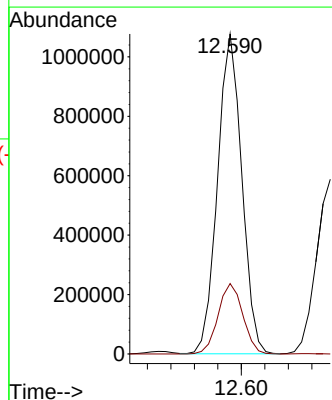
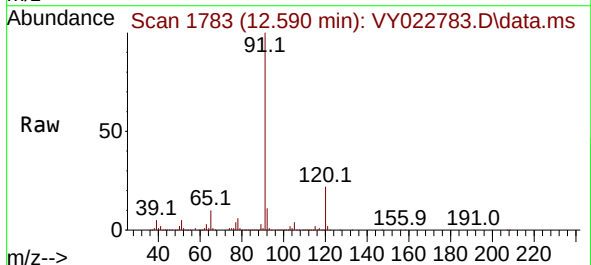
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062325

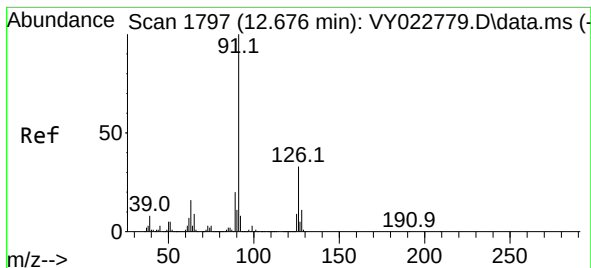
Tgt Ion:156 Resp: 287890
Ion Ratio Lower Upper
156 100
77 187.0 93.4 280.2
158 95.8 48.4 145.3



#78
n-propylbenzene
Concen: 48.108 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 91 Resp: 1543476
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8





#79

2-Chlorotoluene

Concen: 48.080 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

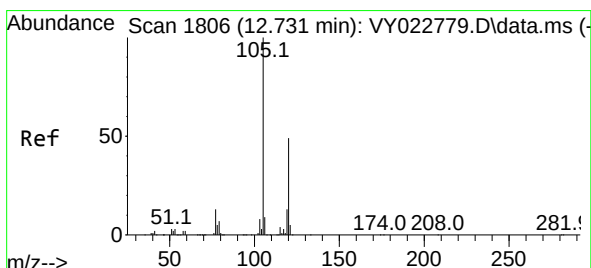
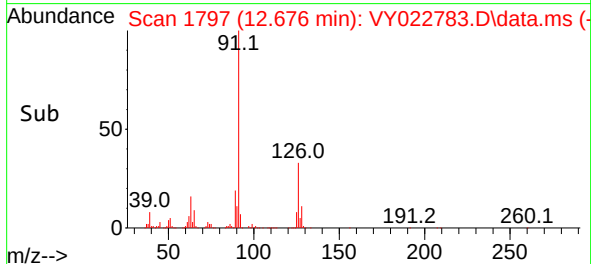
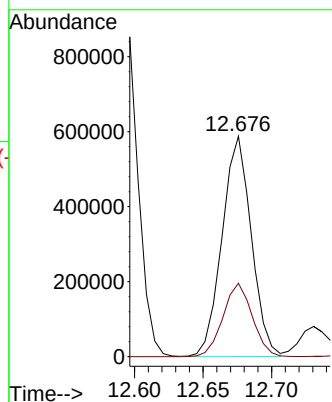
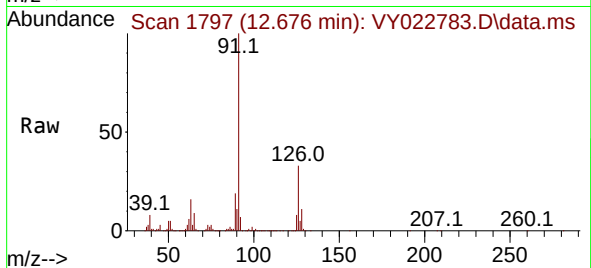
ICVY062325

Tgt Ion: 91 Resp: 871527

Ion Ratio Lower Upper

91 100

126 33.4 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 49.044 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY022783.D

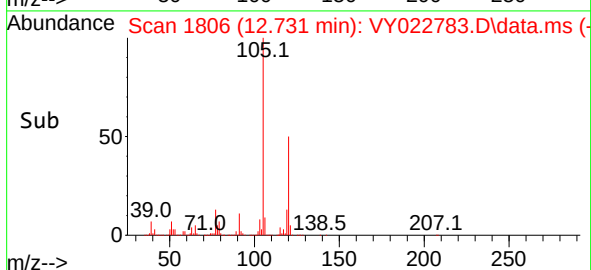
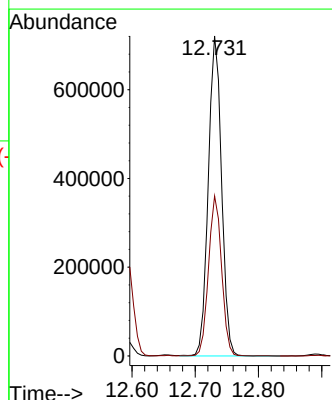
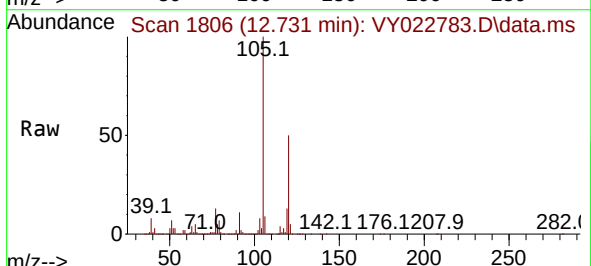
Acq: 23 Jun 2025 16:17

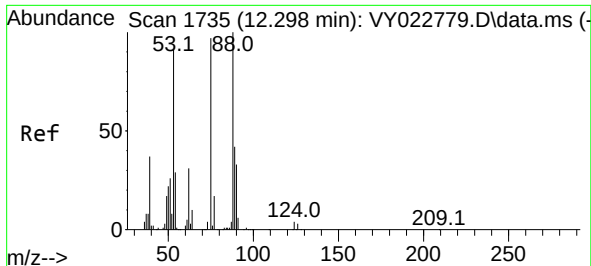
Tgt Ion: 105 Resp: 1052077

Ion Ratio Lower Upper

105 100

120 49.3 24.8 74.3

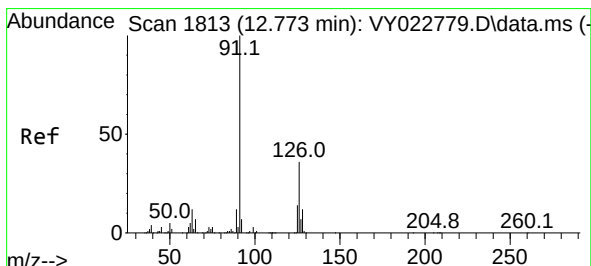
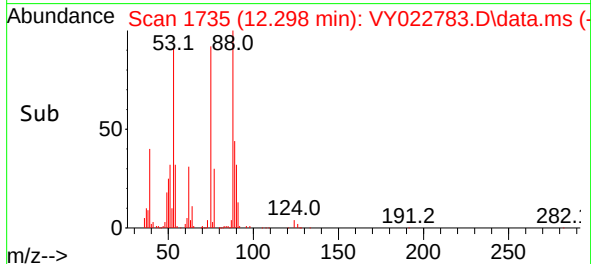
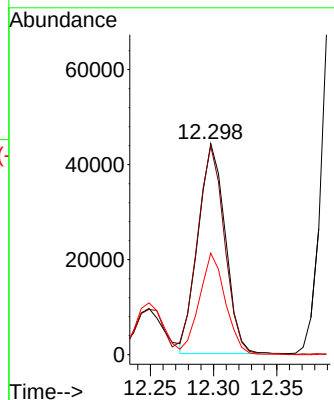
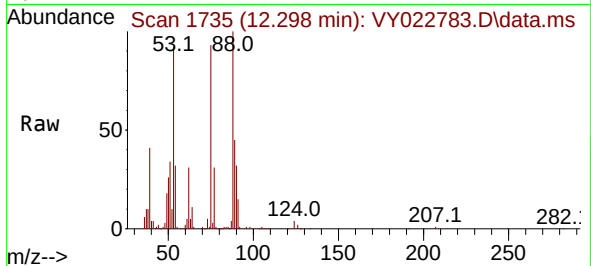




#81
trans-1,4-Dichloro-2-butene
Concen: 45.554 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

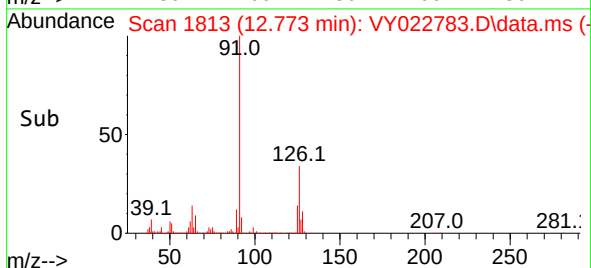
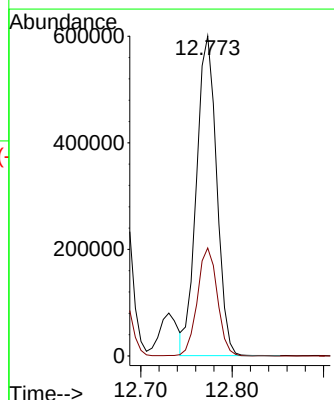
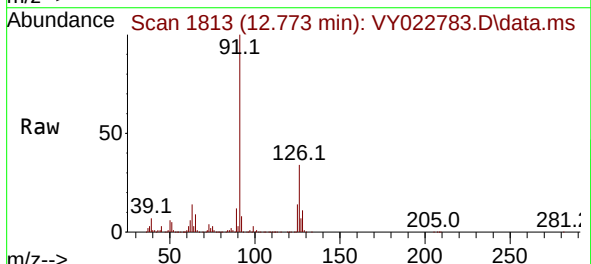
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

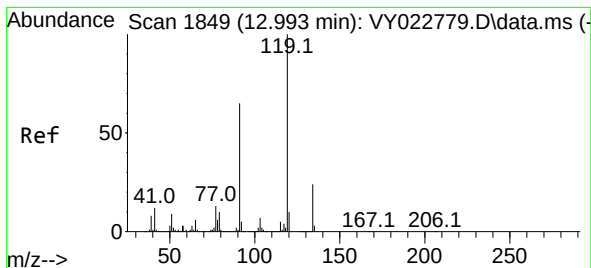
Tgt Ion: 75 Resp: 66143
Ion Ratio Lower Upper
75 100
53 100.5 79.7 119.5
89 46.3 36.8 55.2



#82
4-Chlorotoluene
Concen: 48.276 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 91 Resp: 919177
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7

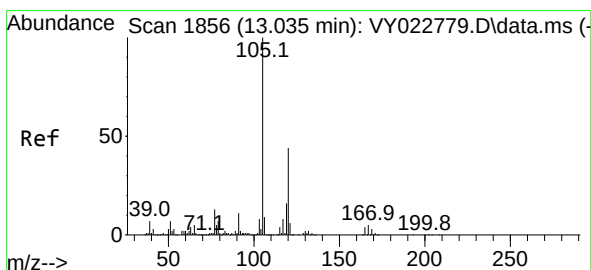
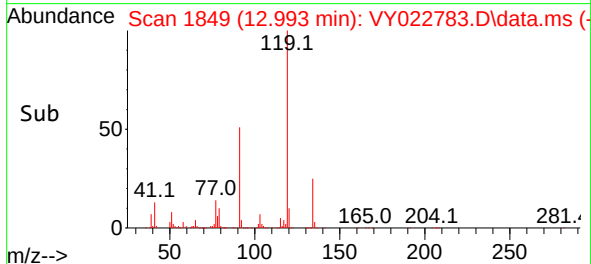
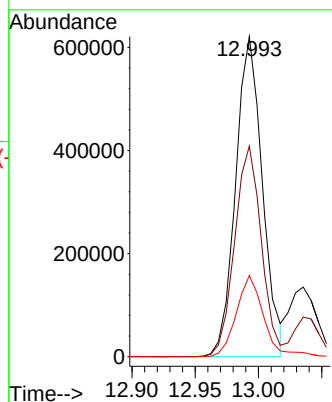
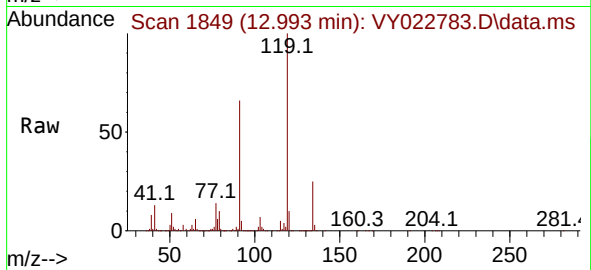




#83
tert-Butylbenzene
Concen: 48.481 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

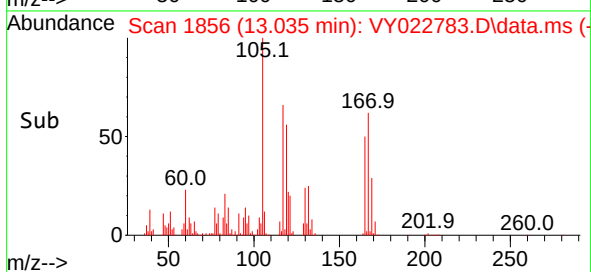
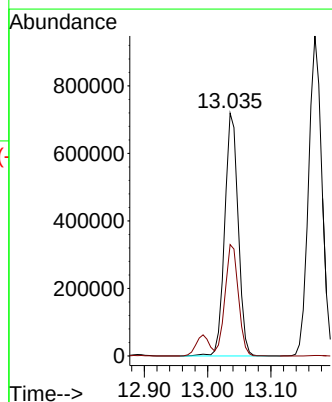
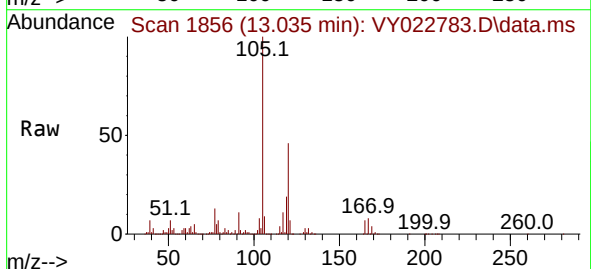
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

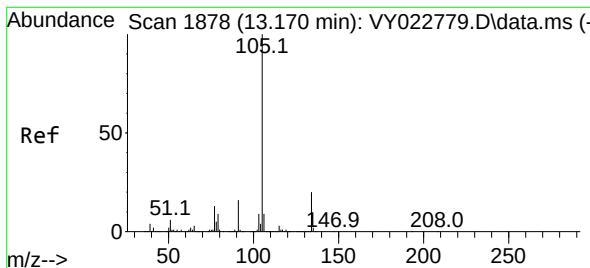
Tgt Ion:119 Resp: 917192
Ion Ratio Lower Upper
119 100
91 65.4 32.6 98.0
134 25.9 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 49.278 ug/l
RT: 13.035 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion:105 Resp: 1058356
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 48.405 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

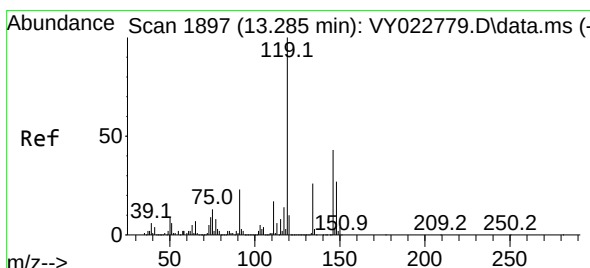
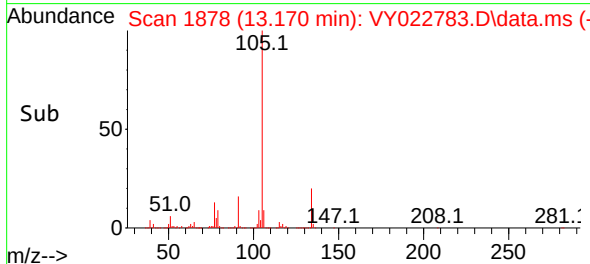
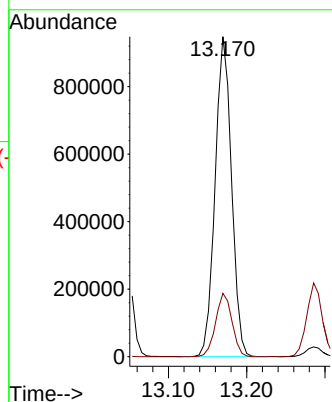
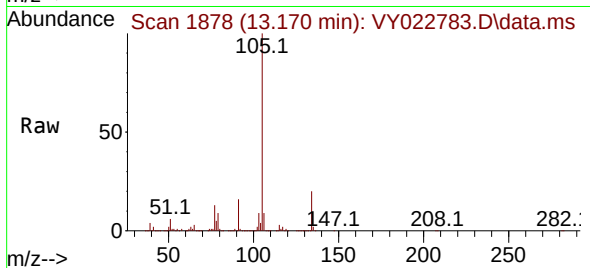
ICVVY062325

Tgt Ion:105 Resp: 1377847

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 48.873 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

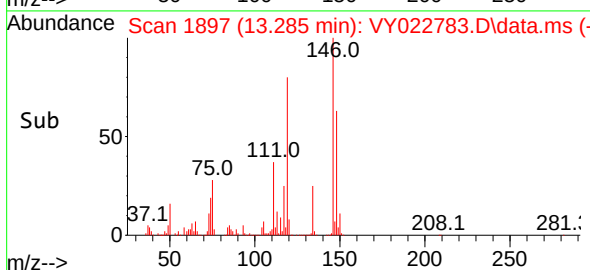
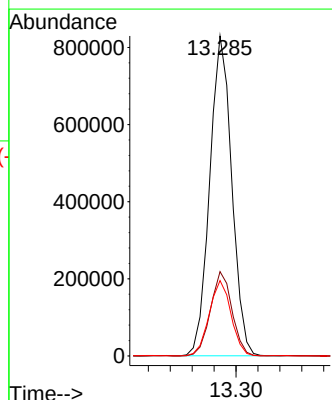
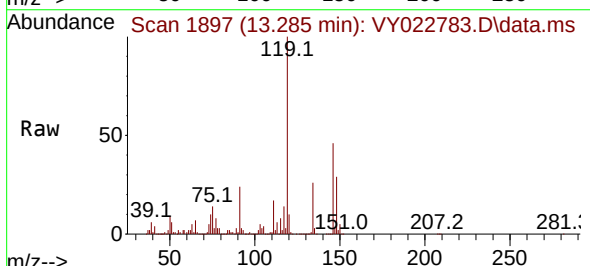
Tgt Ion:119 Resp: 1157677

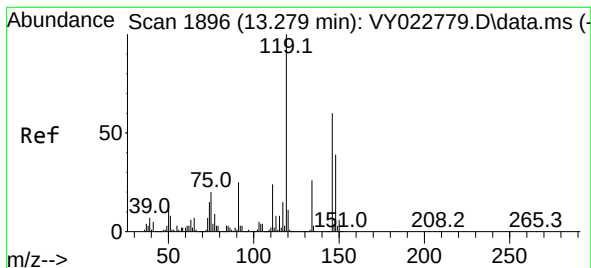
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 48.286 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062325

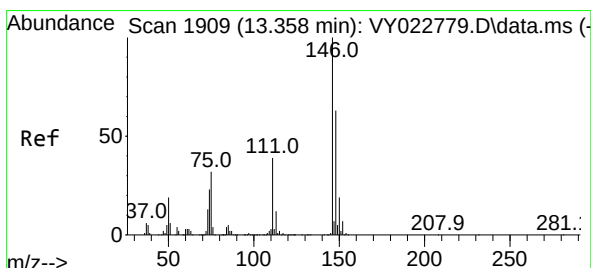
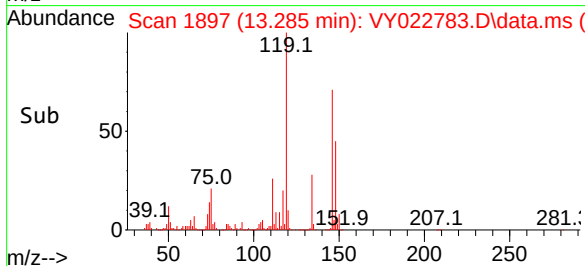
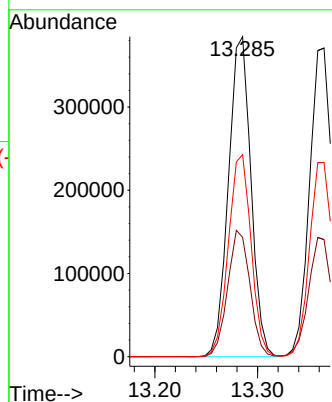
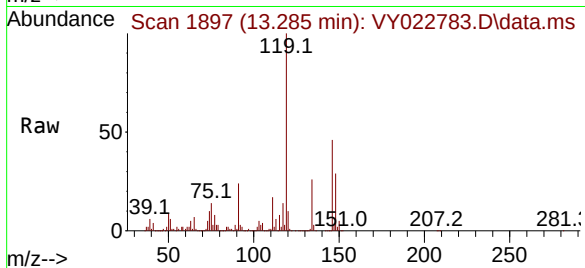
Tgt Ion:146 Resp: 584110

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.4

148 64.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.844 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

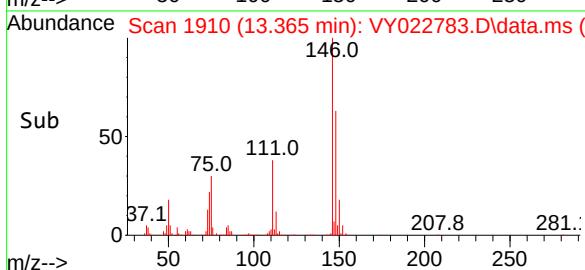
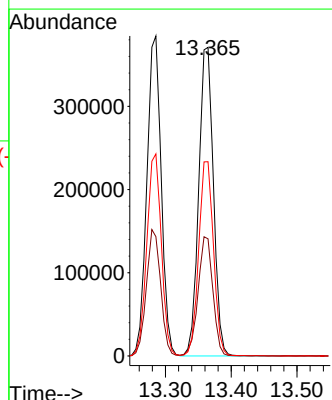
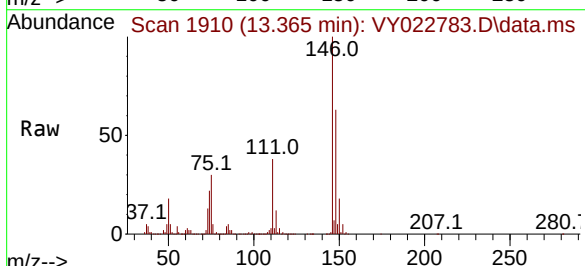
Tgt Ion:146 Resp: 574913

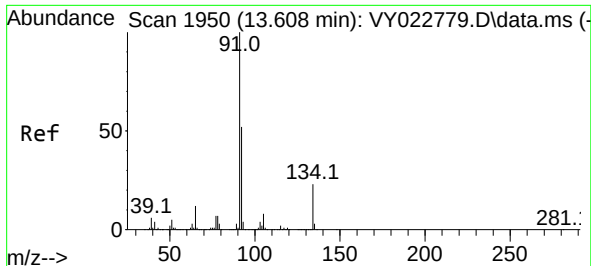
Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

148 63.4 31.7 95.1

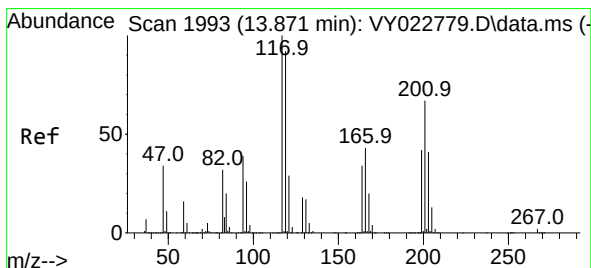
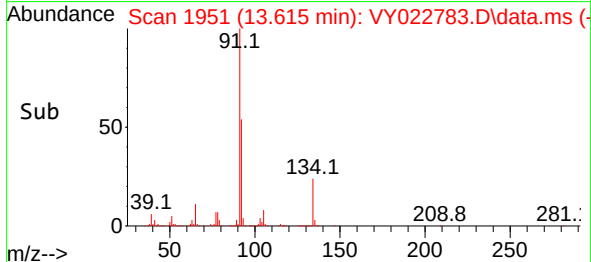
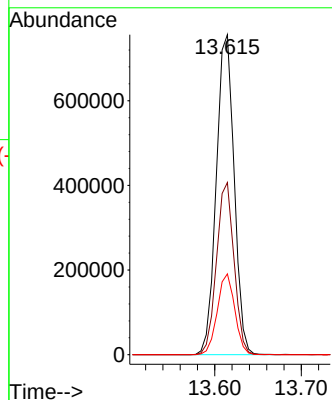
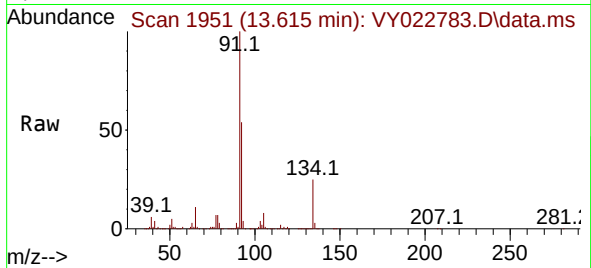




#89
n-Butylbenzene
Concen: 48.623 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

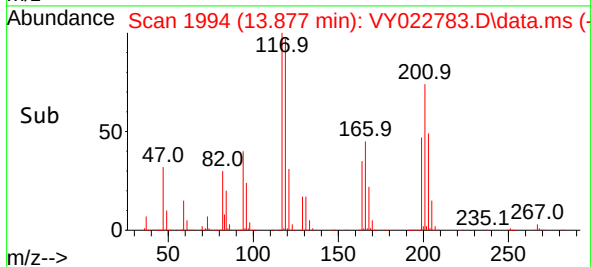
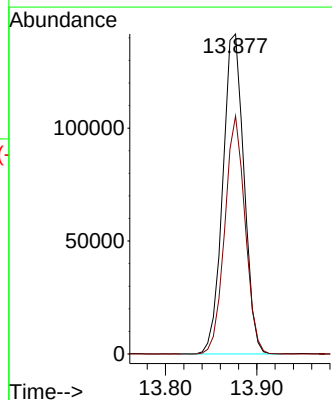
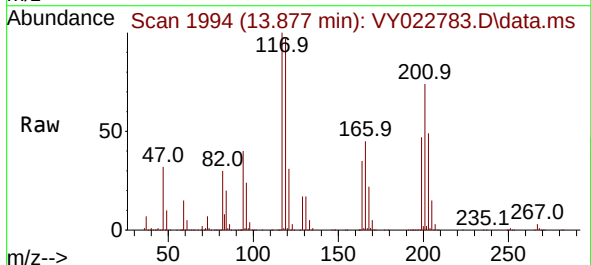
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062325

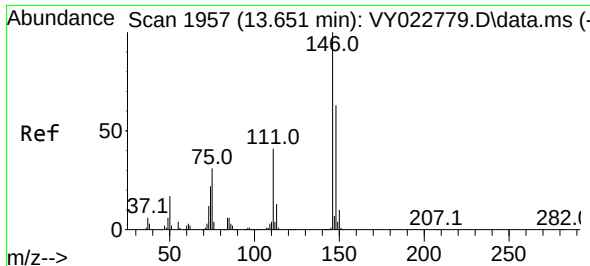
Tgt Ion: 91 Resp: 1083397
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 24.8 12.2 36.6



#90
Hexachloroethane
Concen: 48.434 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY022783.D
Acq: 23 Jun 2025 16:17

Tgt Ion: 117 Resp: 228507
Ion Ratio Lower Upper
117 100
201 71.1 35.5 106.7

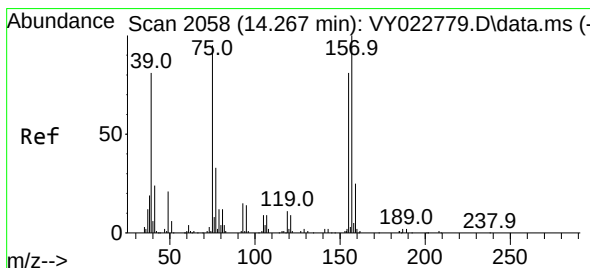
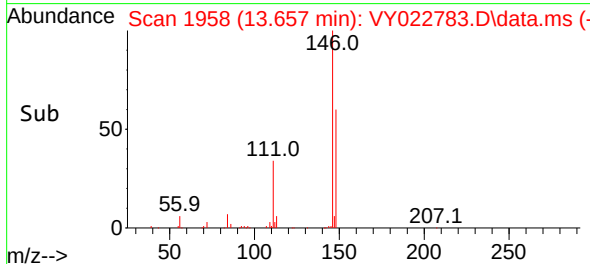
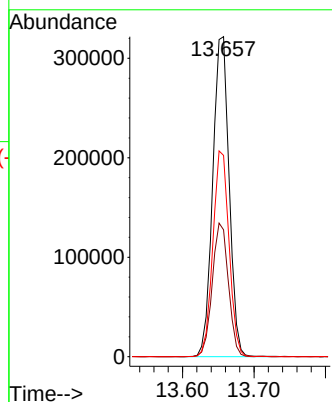
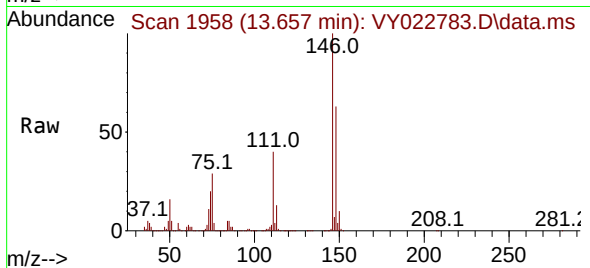




#91
 1,2-Dichlorobenzene
 Concen: 48.036 ug/l
 RT: 13.657 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VY022783.D
 Acq: 23 Jun 2025 16:17

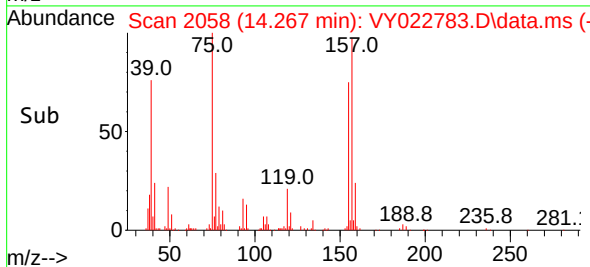
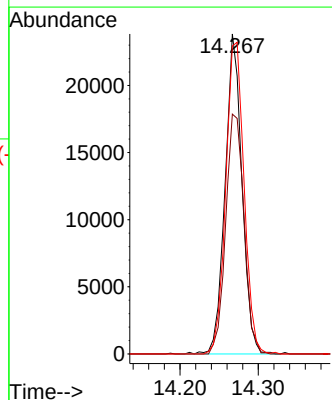
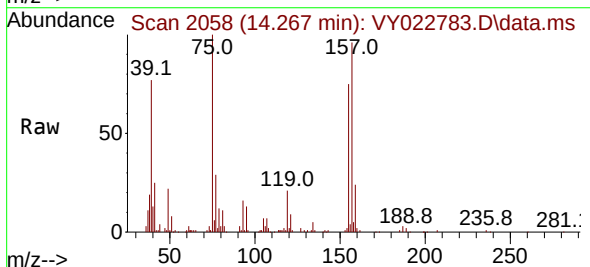
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062325

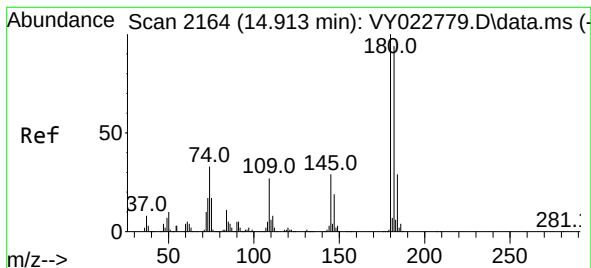
Tgt Ion:146 Resp: 512081
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.145 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY022783.D
 Acq: 23 Jun 2025 16:17

Tgt Ion: 75 Resp: 35693
 Ion Ratio Lower Upper
 75 100
 155 81.4 41.6 124.9
 157 105.7 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 48.842 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062325

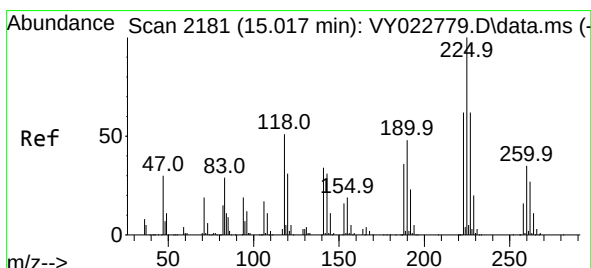
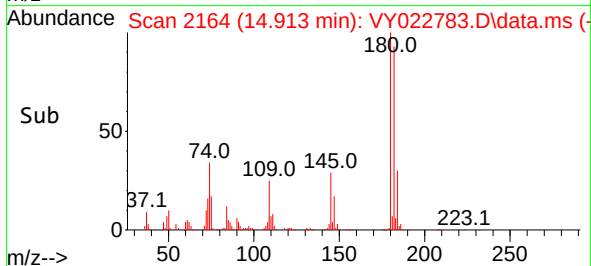
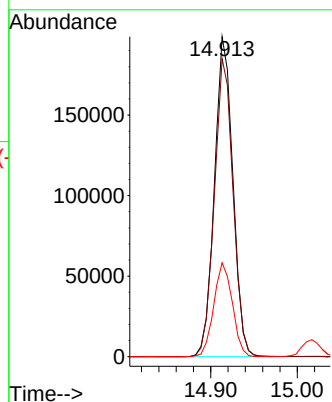
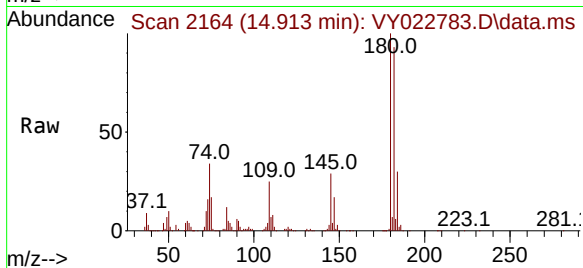
Tgt Ion:180 Resp: 293980

Ion Ratio Lower Upper

180 100

182 94.2 47.8 143.4

145 29.5 15.0 45.0



#94

Hexachlorobutadiene

Concen: 46.178 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

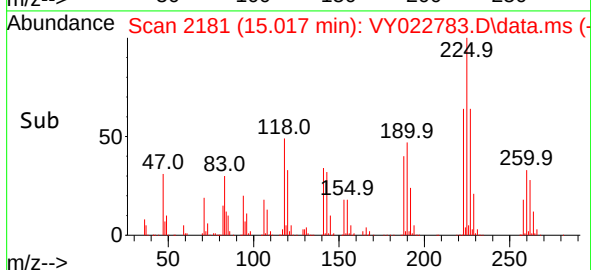
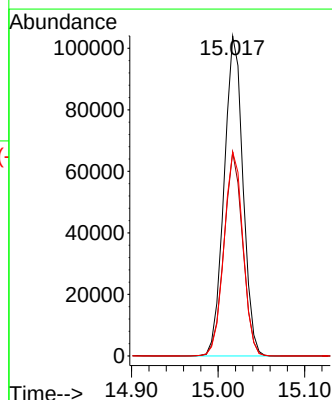
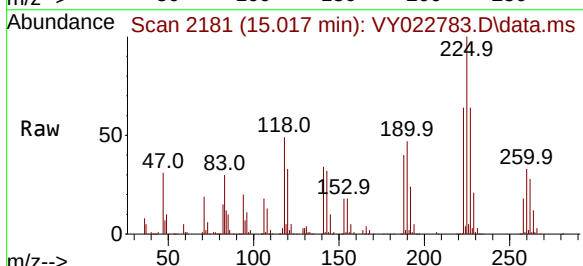
Tgt Ion:225 Resp: 157173

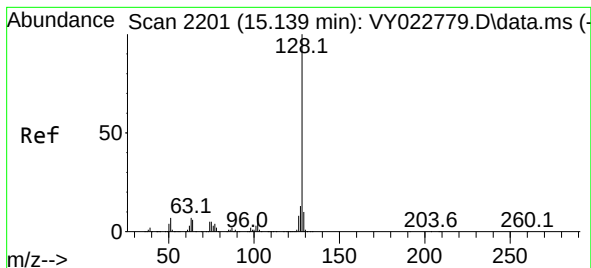
Ion Ratio Lower Upper

225 100

223 63.3 30.9 92.5

227 64.2 31.6 94.8





#95

Naphthalene

Concen: 51.347 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062325

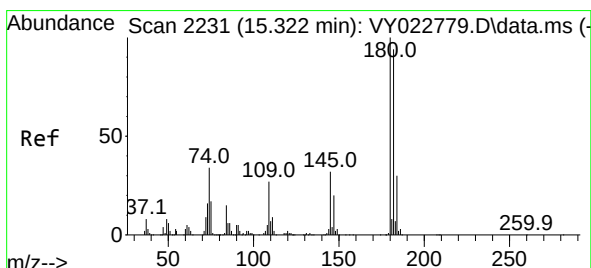
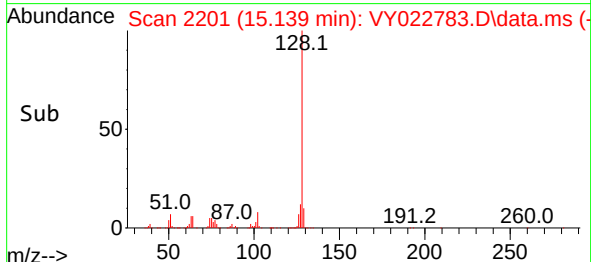
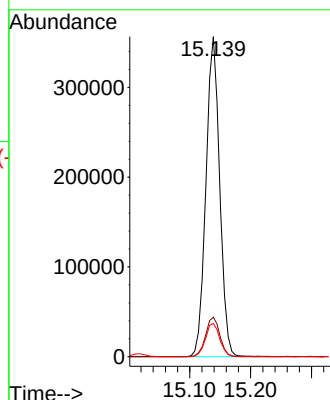
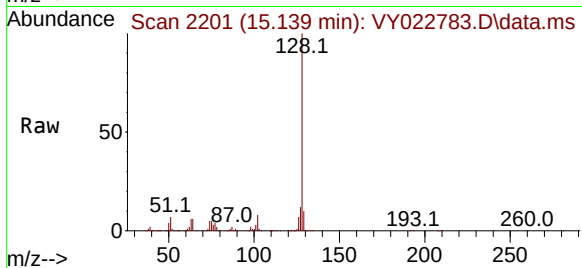
Tgt Ion:128 Resp: 558879

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.503 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY022783.D

Acq: 23 Jun 2025 16:17

Tgt Ion:180 Resp: 252267

Ion Ratio Lower Upper

180 100

182 95.9 46.7 140.1

145 31.8 15.8 47.4

