

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022997.D
 Acq On : 18 Jul 2025 14:02
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY071825

Quant Time: Jul 19 01:54:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	453518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	746741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	626160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	299370	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	226218	49.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.540%
35) Dibromofluoromethane	7.634	113	223521	47.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.380%
50) Toluene-d8	10.103	98	896545	47.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.401	95	281129	47.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	175922	45.684	ug/l	97
3) Chloromethane	2.068	50	324675	49.585	ug/l	99
4) Vinyl Chloride	2.202	62	415835	50.127	ug/l	99
5) Bromomethane	2.592	94	295948	49.431	ug/l	97
6) Chloroethane	2.732	64	278774	50.317	ug/l	97
7) Trichlorofluoromethane	3.056	101	465046	48.293	ug/l	99
8) Diethyl Ether	3.452	74	118735	47.110	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	245333	48.497	ug/l	99
10) Methyl Iodide	4.000	142	241459	45.946	ug/l	99
11) Tert butyl alcohol	4.848	59	73748	265.607	ug/l	98
12) 1,1-Dichloroethene	3.787	96	234490	48.659	ug/l	98
13) Acrolein	3.647	56	17160	131.522	ug/l	96
14) Allyl chloride	4.385	41	363225	49.474	ug/l	99
15) Acrylonitrile	5.049	53	244867	256.502	ug/l	99
16) Acetone	3.866	43	181785	218.434	ug/l	99
17) Carbon Disulfide	4.104	76	701041	47.999	ug/l	100
18) Methyl Acetate	4.378	43	144987	51.459	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	583103	50.446	ug/l	99
20) Methylene Chloride	4.616	84	289542	49.355	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	263910	49.197	ug/l	95
22) Diisopropyl ether	6.018	45	794156	50.987	ug/l	100
23) Vinyl Acetate	5.957	43	2045811	260.680	ug/l	100
24) 1,1-Dichloroethane	5.915	63	486435	49.723	ug/l	99
25) 2-Butanone	6.890	43	296567	248.403	ug/l	99
26) 2,2-Dichloropropane	6.884	77	411291	47.970	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	307144	49.681	ug/l	99
28) Bromochloromethane	7.244	49	190788	50.281	ug/l	97
29) Tetrahydrofuran	7.256	42	198327	262.377	ug/l	98
30) Chloroform	7.421	83	485939	49.239	ug/l	99
31) Cyclohexane	7.701	56	436690	47.772	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	433361	48.396	ug/l	98
36) 1,1-Dichloropropene	7.835	75	359563	48.190	ug/l	99
37) Ethyl Acetate	6.976	43	136167	49.138	ug/l	99
38) Carbon Tetrachloride	7.817	117	385805	47.594	ug/l	98
39) Methylcyclohexane	9.109	83	480021	49.705	ug/l	99
40) Benzene	8.079	78	1095313	48.756	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	65688	43.514	ug/l	90
42) 1,2-Dichloroethane	8.158	62	273227	48.885	ug/l	99
43) Isopropyl Acetate	8.195	43	282687	51.356	ug/l #	87
44) Trichloroethene	8.865	130	271109	46.984	ug/l	99
45) 1,2-Dichloropropane	9.140	63	254972	48.601	ug/l	97
46) Dibromomethane	9.225	93	130449	48.105	ug/l	98
47) Bromodichloromethane	9.420	83	365153	48.715	ug/l	98
48) Methyl methacrylate	9.219	41	137807	51.856	ug/l	99
49) 1,4-Dioxane	9.219	88	29701	1039.077	ug/l	90
51) 4-Methyl-2-Pentanone	9.993	43	736605	263.650	ug/l	100
52) Toluene	10.170	92	689665	49.377	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	320495	49.810	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	379652	48.953	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	174146	48.860	ug/l	98
56) Ethyl methacrylate	10.438	69	233062	52.383	ug/l	99
57) 1,3-Dichloropropane	10.713	76	305501	49.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	555885	255.234	ug/l	99
59) 2-Hexanone	10.755	43	480633	261.717	ug/l	100
60) Dibromochloromethane	10.908	129	228677	48.997	ug/l	100
61) 1,2-Dibromoethane	11.011	107	160833	49.692	ug/l	99
64) Tetrachloroethene	10.646	164	293758	45.898	ug/l	97
65) Chlorobenzene	11.438	112	717316	48.547	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	243320	48.281	ug/l	100
67) Ethyl Benzene	11.517	91	1318781	50.355	ug/l	100
68) m/p-Xylenes	11.627	106	1010405	100.584	ug/l	100
69) o-Xylene	11.950	106	473728	50.815	ug/l	99
70) Styrene	11.969	104	777326	50.903	ug/l	100
71) Bromoform	12.127	173	127473	49.825	ug/l #	98
73) Isopropylbenzene	12.249	105	1251340	49.302	ug/l	100
74) N-amyl acetate	12.066	43	250015	52.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	183595	49.985	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	252964	67.812	ug/l #	100
77) Bromobenzene	12.529	156	264397	48.030	ug/l	99
78) n-propylbenzene	12.590	91	1513140	50.062	ug/l	100
79) 2-Chlorotoluene	12.676	91	839059	49.359	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	1003448	50.127	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	58179	46.452	ug/l	99
82) 4-Chlorotoluene	12.773	91	844578	49.261	ug/l	100
83) tert-Butylbenzene	12.993	119	916326	50.676	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	992142	50.349	ug/l	100
85) sec-Butylbenzene	13.170	105	1377425	50.832	ug/l	100
86) p-Isopropyltoluene	13.285	119	1135708	51.605	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	544171	48.983	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	520095	48.393	ug/l	100
89) n-Butylbenzene	13.615	91	1047169	51.565	ug/l	100
90) Hexachloroethane	13.877	117	225252	49.436	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	452157	48.252	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	27119	49.725	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	241340	48.859	ug/l	99
94) Hexachlorobutadiene	15.017	225	147040	47.217	ug/l	100
95) Naphthalene	15.139	128	404535	51.062	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	199538	48.924	ug/l	99

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QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

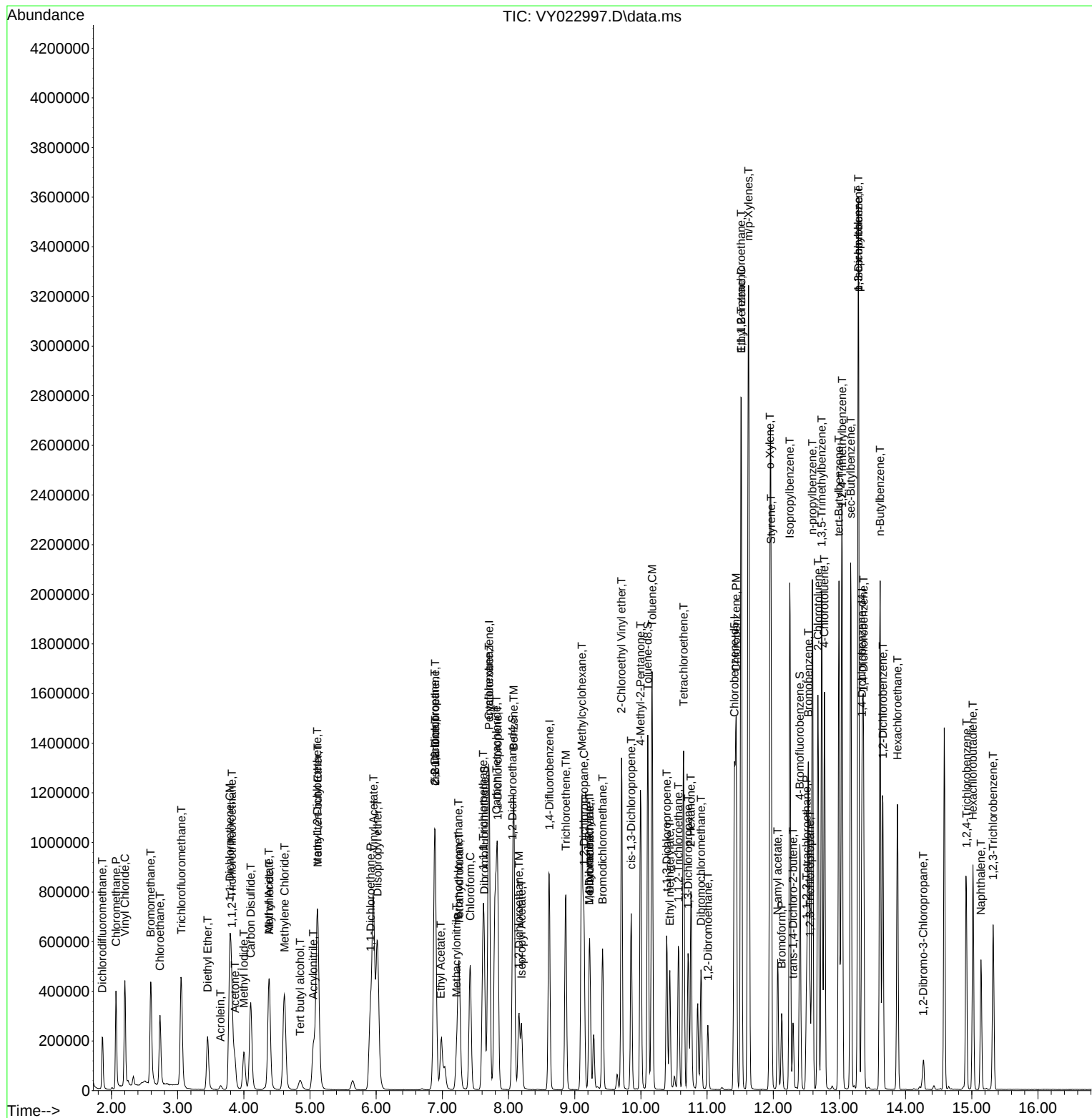
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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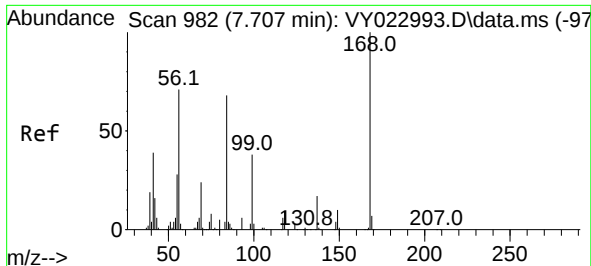
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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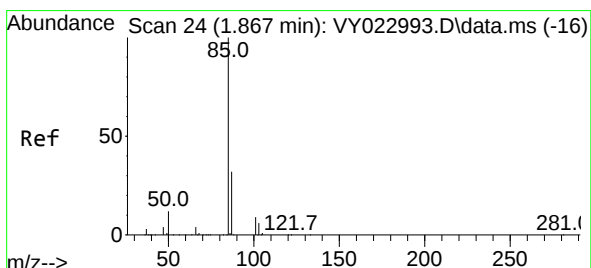
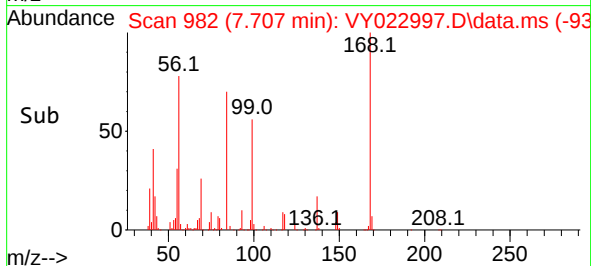
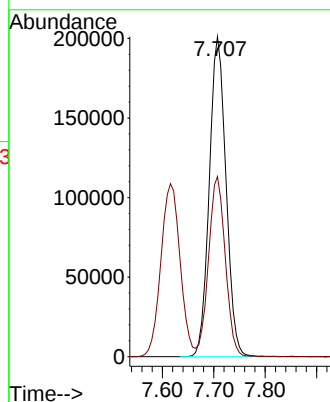
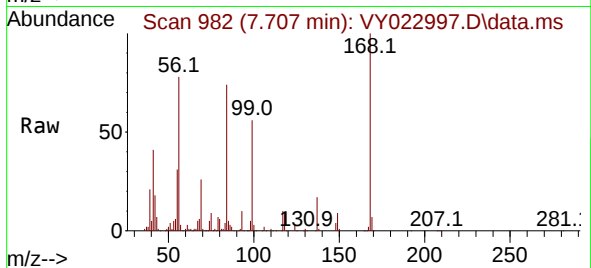




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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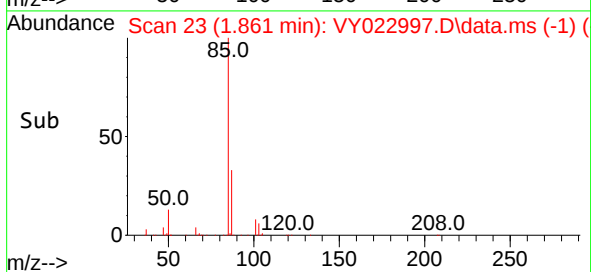
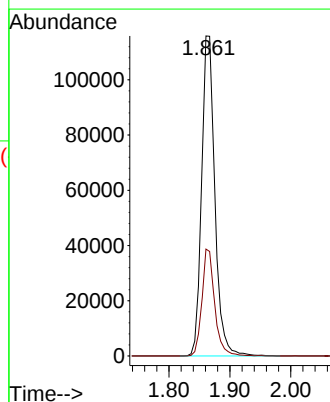
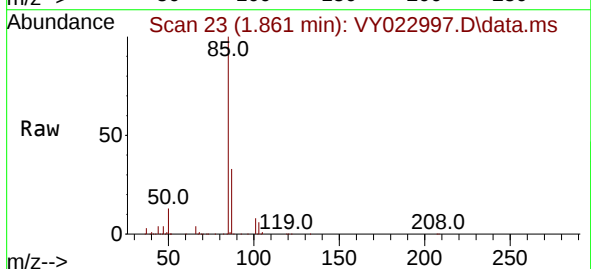
Instrument :
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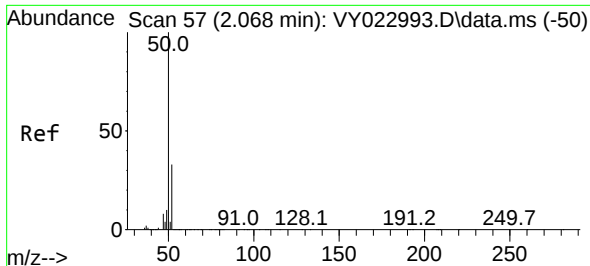
Tgt Ion:168 Resp: 453518
Ion Ratio Lower Upper
168 100
99 56.2 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 45.684 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 85 Resp: 175922
Ion Ratio Lower Upper
85 100
87 33.4 16.0 47.9

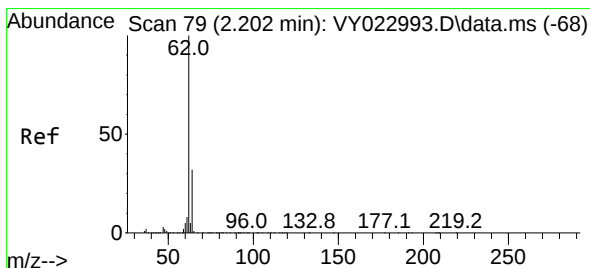
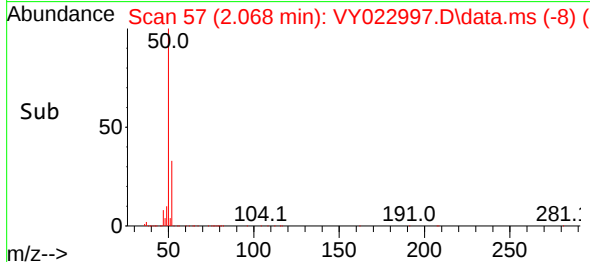
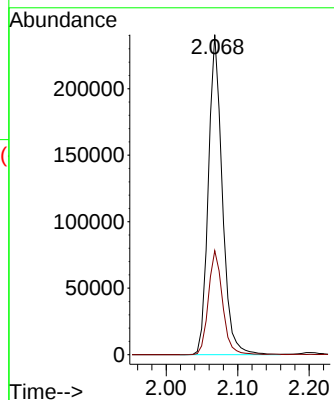
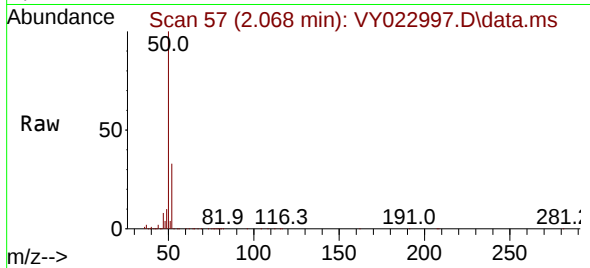




#3
Chloromethane
Concen: 49.585 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

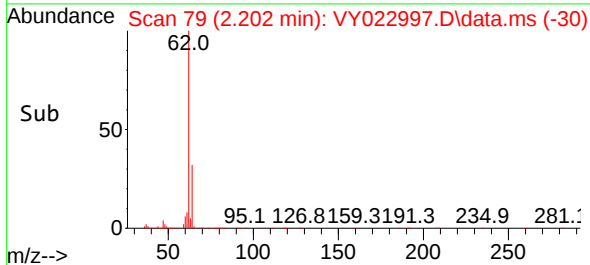
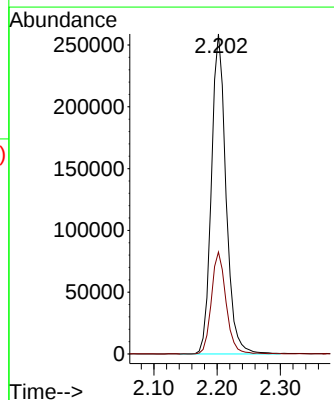
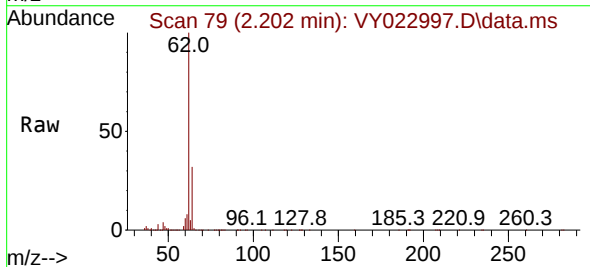
Instrument :
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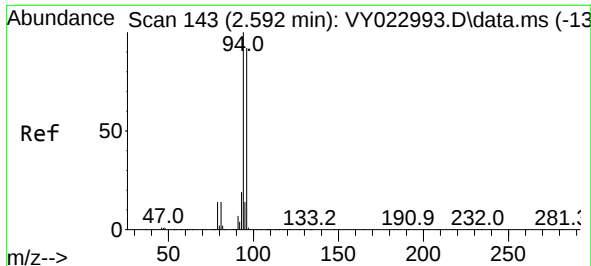
Tgt Ion: 50 Resp: 324675
Ion Ratio Lower Upper
50 100
52 32.5 26.6 39.8



#4
Vinyl Chloride
Concen: 50.127 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 62 Resp: 415835
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8

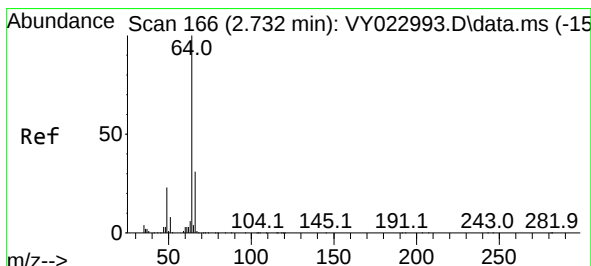
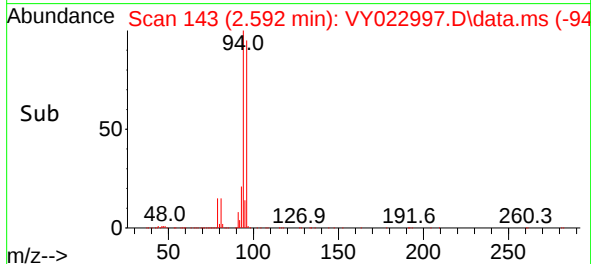
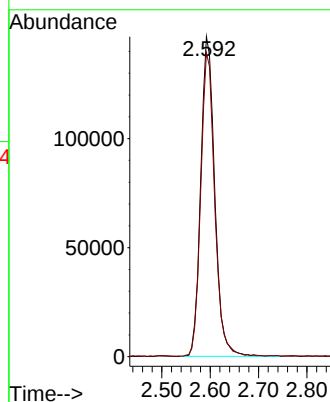
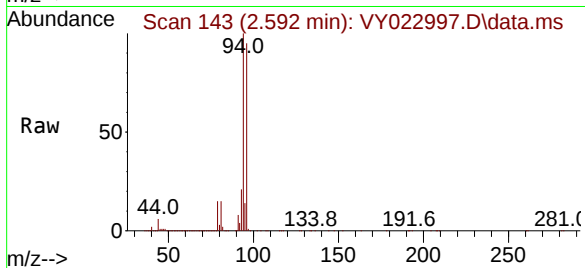




#5
Bromomethane
Concen: 49.431 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022997.D
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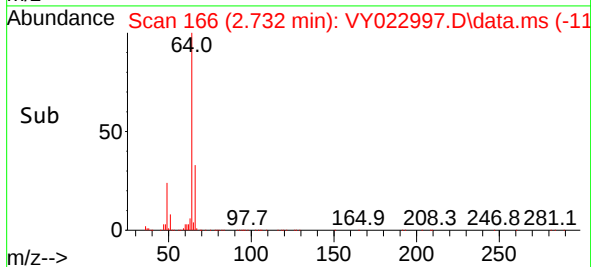
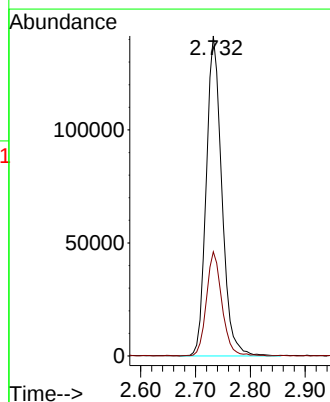
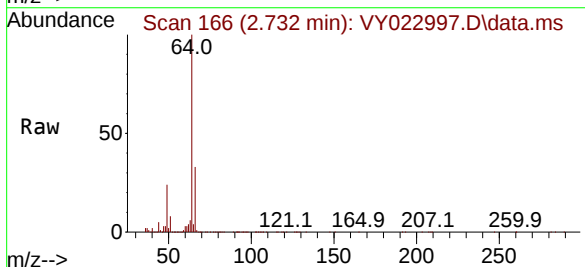
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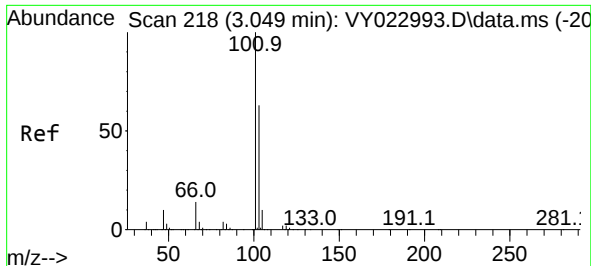
Tgt Ion: 94 Resp: 295948
Ion Ratio Lower Upper
94 100
96 94.8 73.9 110.9



#6
Chloroethane
Concen: 50.317 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 278774
Ion Ratio Lower Upper
64 100
66 32.5 24.9 37.3

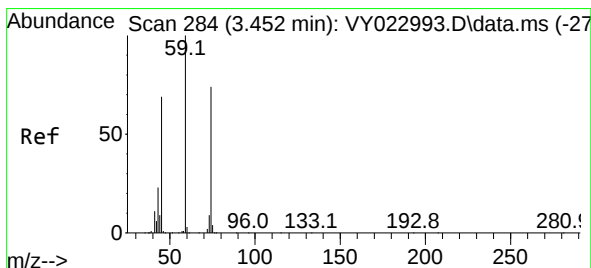
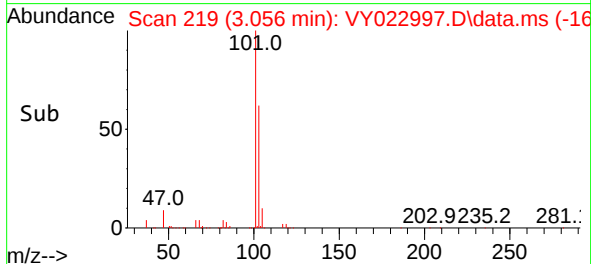
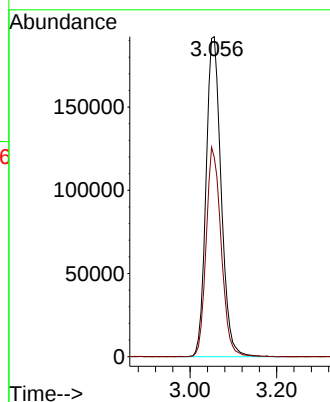
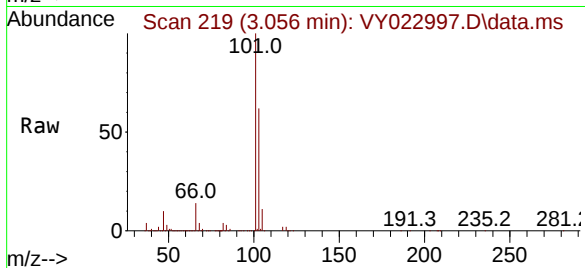




#7
 Trichlorofluoromethane
 Concen: 48.293 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022997.D
 Acq: 18 Jul 2025 14:02

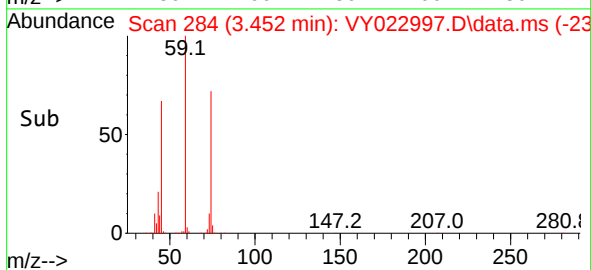
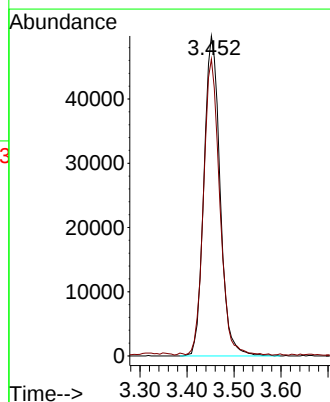
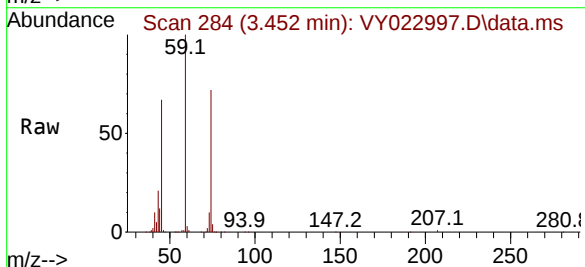
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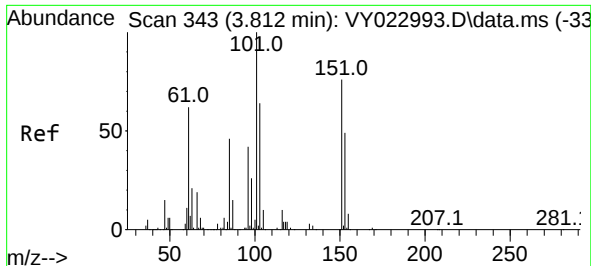
Tgt Ion:101 Resp: 465046
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.110 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022997.D
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Tgt Ion: 74 Resp: 118735
 Ion Ratio Lower Upper
 74 100
 45 93.2 45.1 135.2

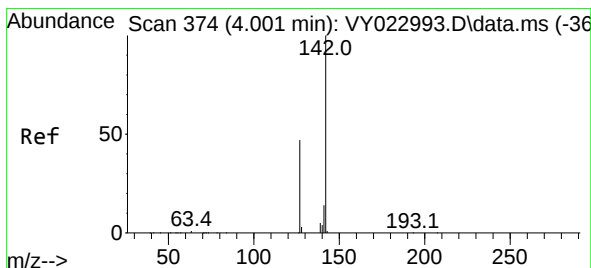
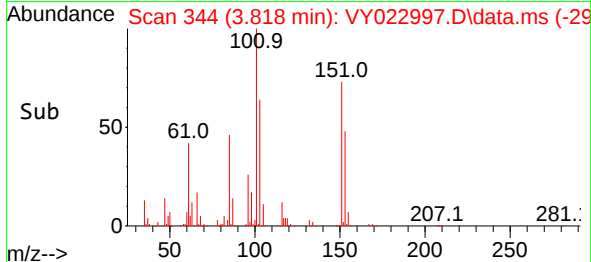
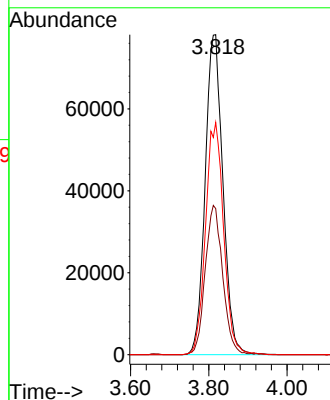
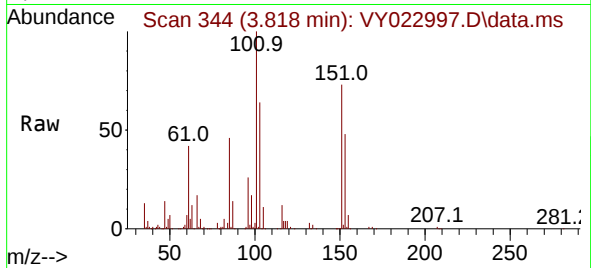




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.497 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

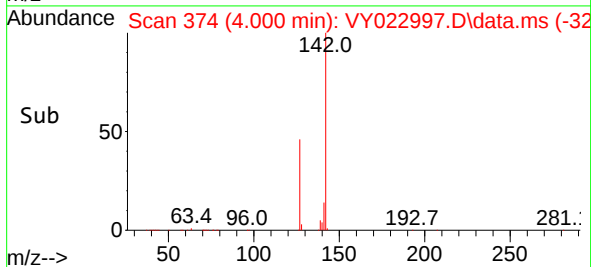
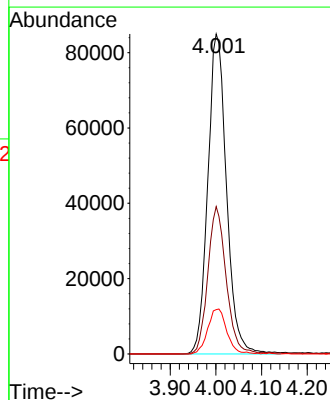
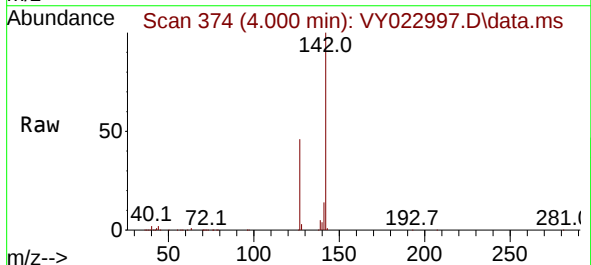
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

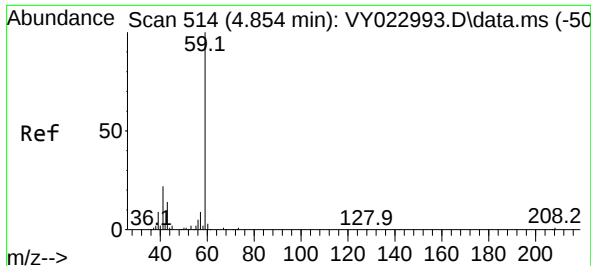
Tgt Ion:101 Resp: 245333
Ion Ratio Lower Upper
101 100
85 46.1 37.2 55.8
151 74.0 59.7 89.5



#10
Methyl Iodide
Concen: 45.946 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion:142 Resp: 241459
Ion Ratio Lower Upper
142 100
127 45.1 37.0 55.6
141 14.4 11.4 17.2

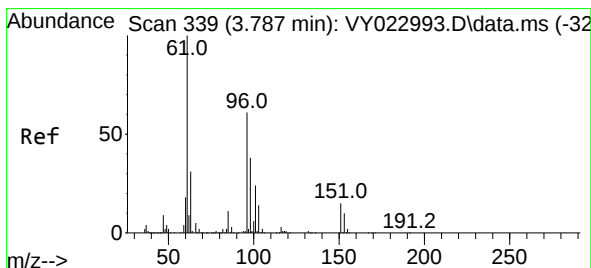
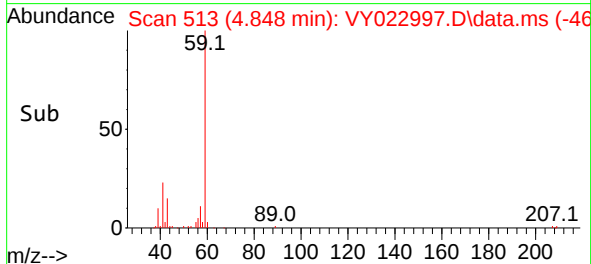
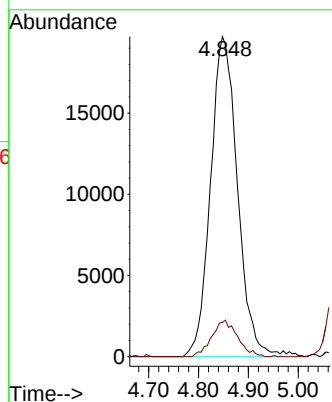
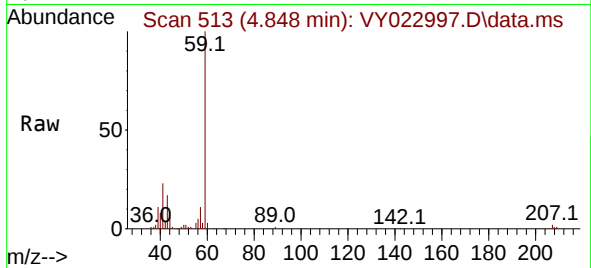




#11
Tert butyl alcohol
Concen: 265.607 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

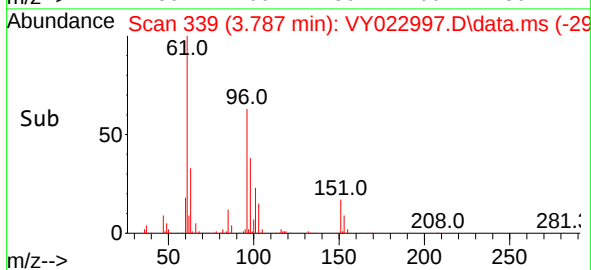
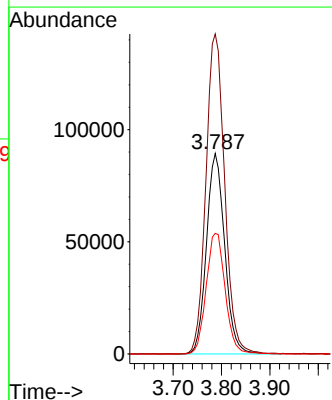
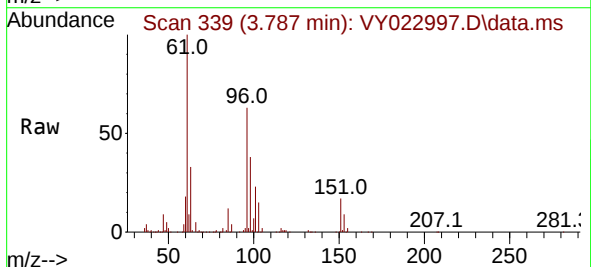
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

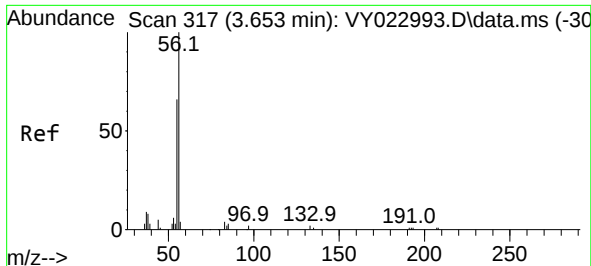
Tgt Ion: 59 Resp: 73748
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.659 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 96 Resp: 234490
Ion Ratio Lower Upper
96 100
61 159.6 130.4 195.6
98 60.2 49.6 74.4

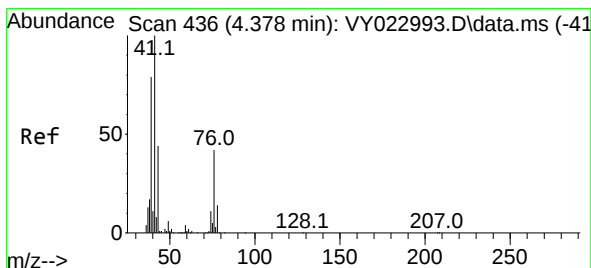
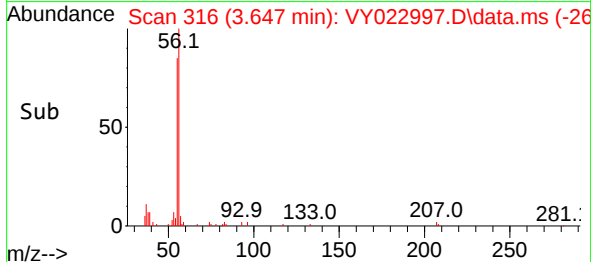
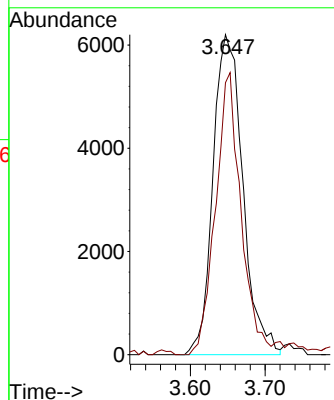
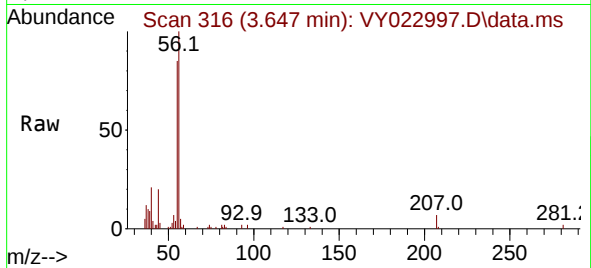




#13
 Acrolein
 Concen: 131.522 ug/l
 RT: 3.647 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VY022997.D
 Acq: 18 Jul 2025 14:02

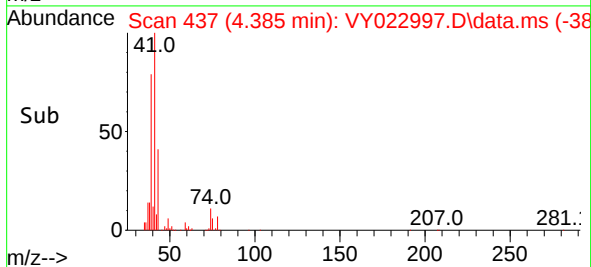
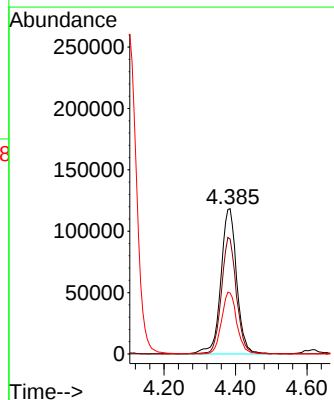
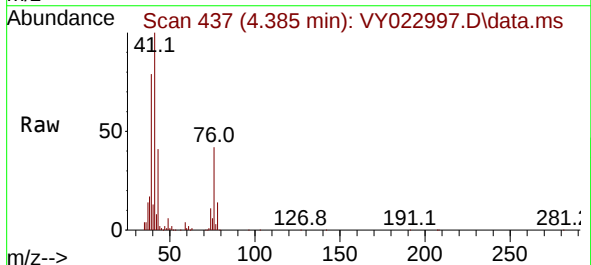
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071825

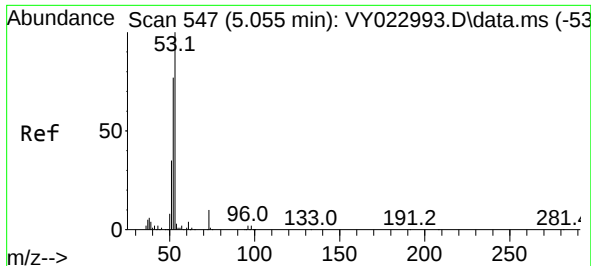
Tgt Ion: 56 Resp: 17160
 Ion Ratio Lower Upper
 56 100
 55 75.3 57.8 86.6



#14
 Allyl chloride
 Concen: 49.474 ug/l
 RT: 4.385 min Scan# 437
 Delta R.T. 0.006 min
 Lab File: VY022997.D
 Acq: 18 Jul 2025 14:02

Tgt Ion: 41 Resp: 363225
 Ion Ratio Lower Upper
 41 100
 39 76.0 60.1 90.1
 76 40.7 32.2 48.4

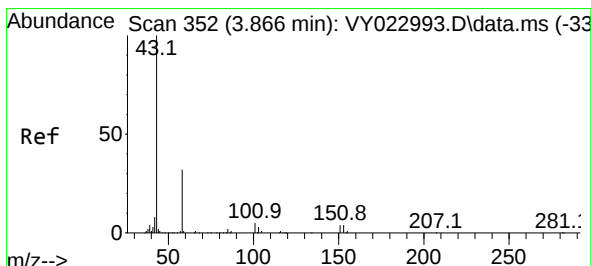
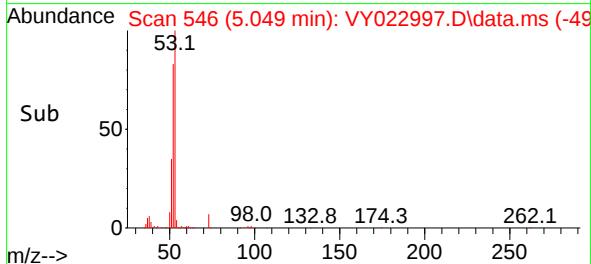
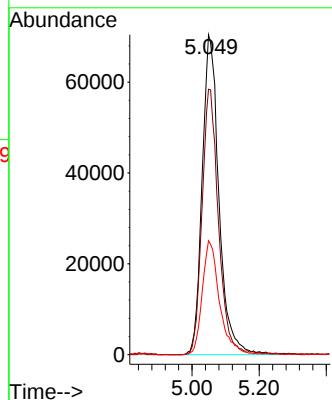
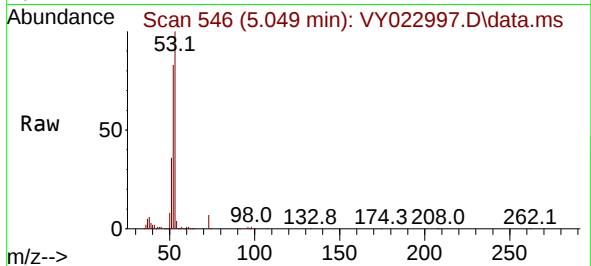




#15
Acrylonitrile
Concen: 256.502 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

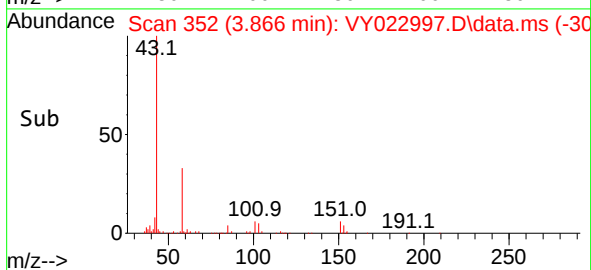
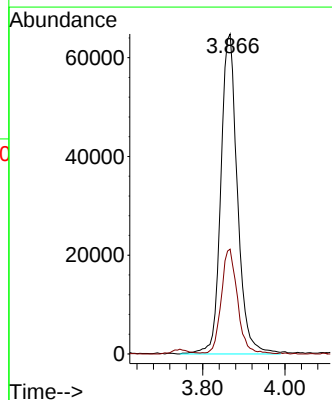
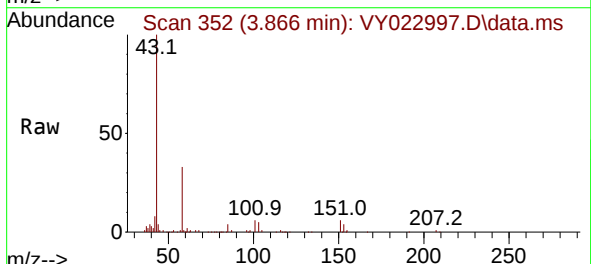
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

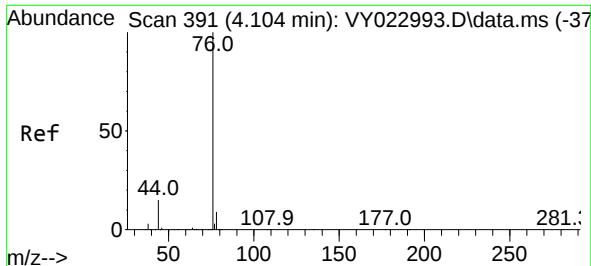
Tgt Ion: 53 Resp: 244867
Ion Ratio Lower Upper
53 100
52 81.3 65.2 97.8
51 36.6 30.3 45.5



#16
Acetone
Concen: 218.434 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 43 Resp: 181785
Ion Ratio Lower Upper
43 100
58 32.4 26.2 39.4

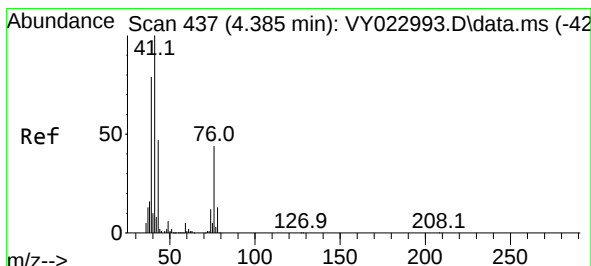
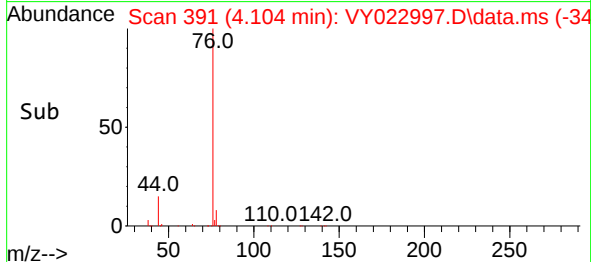
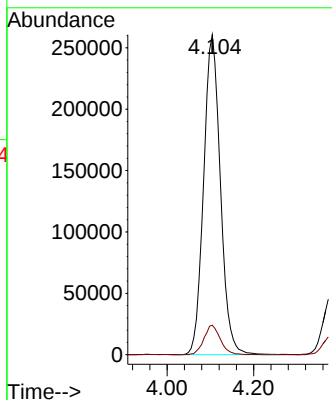
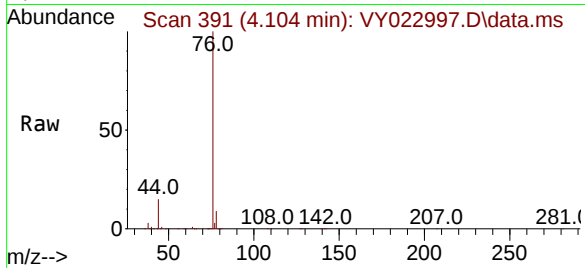




#17
Carbon Disulfide
Concen: 47.999 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

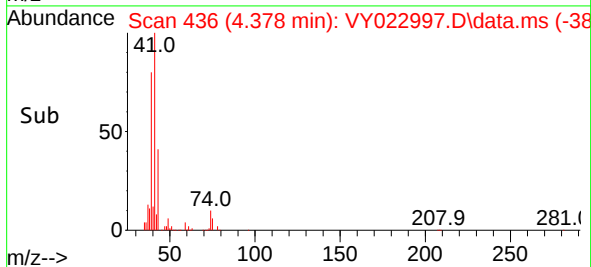
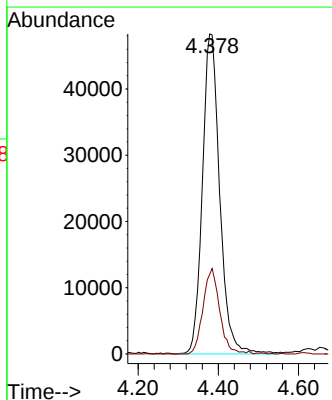
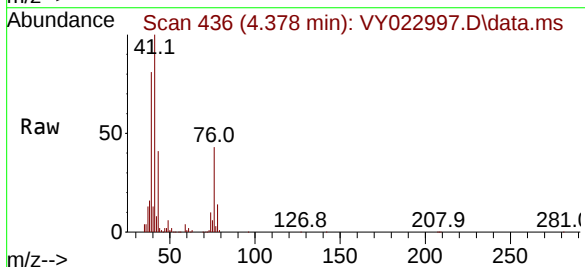
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

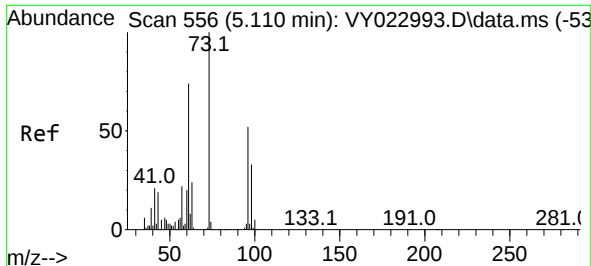
Tgt Ion: 76 Resp: 701041
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 51.459 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 43 Resp: 144987
Ion Ratio Lower Upper
43 100
74 25.6 20.1 30.1

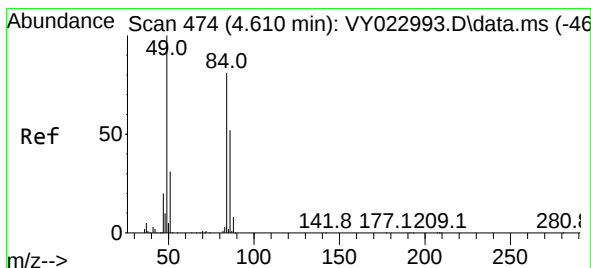
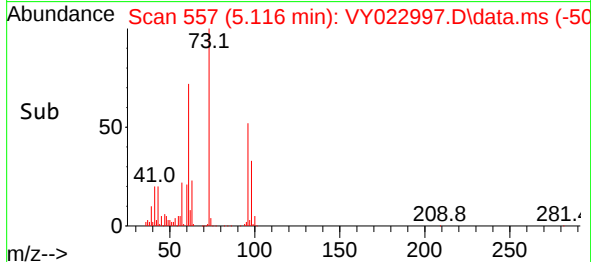
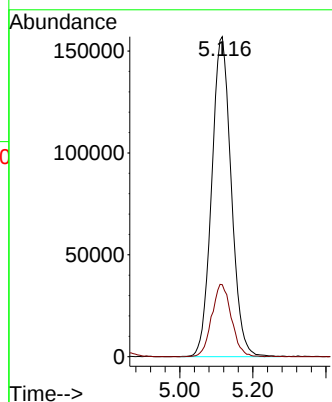
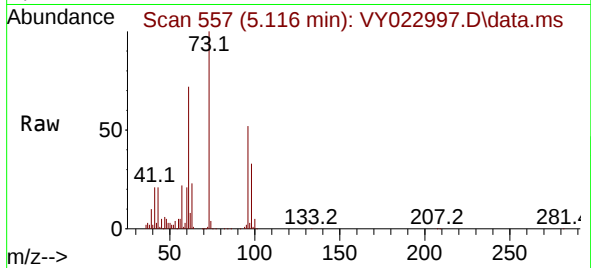




#19
Methyl tert-butyl Ether
Concen: 50.446 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

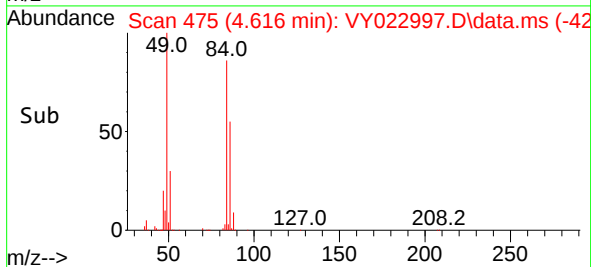
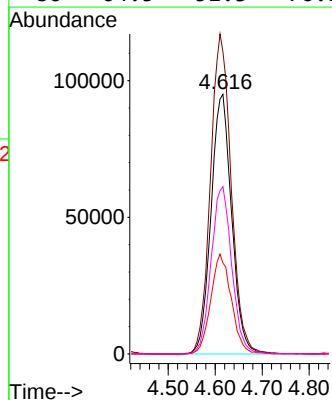
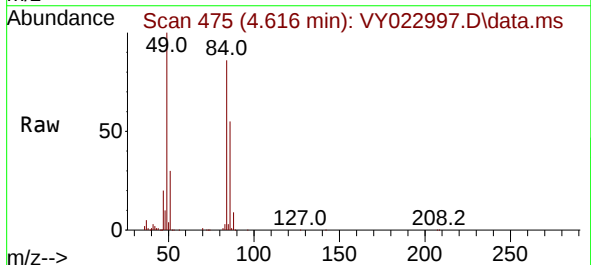
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

Tgt Ion: 73 Resp: 583103
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2



#20
Methylene Chloride
Concen: 49.355 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 84 Resp: 289542
Ion Ratio Lower Upper
84 100
49 116.4 98.2 147.4
51 35.1 30.5 45.7
86 64.5 51.3 76.9

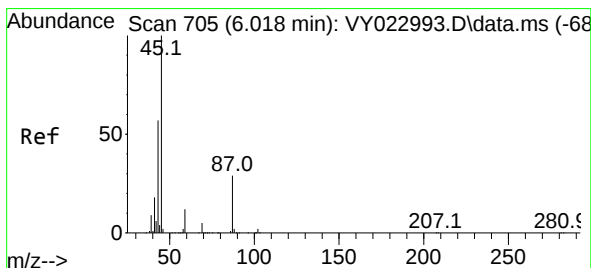
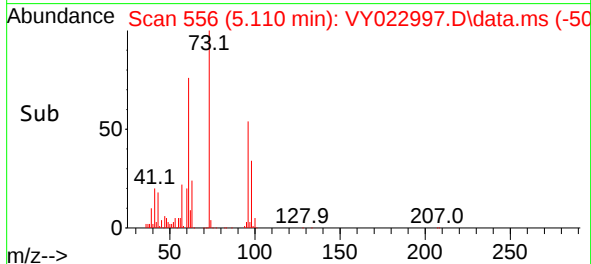
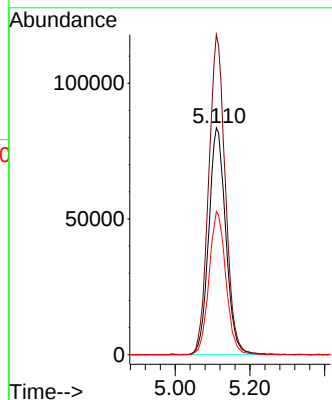
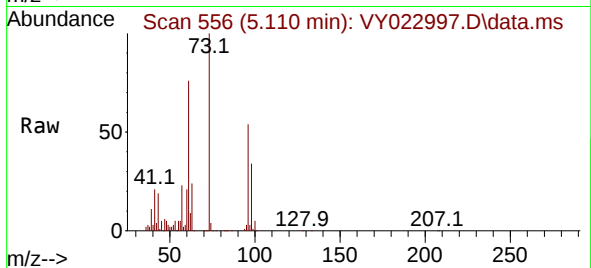




#21
trans-1,2-Dichloroethene
Concen: 49.197 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

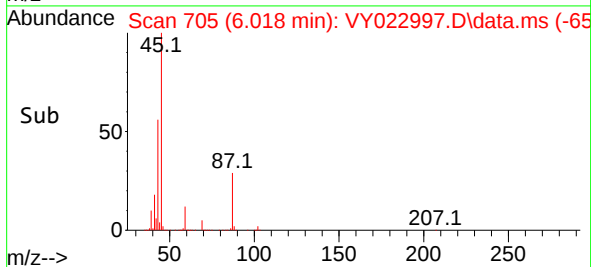
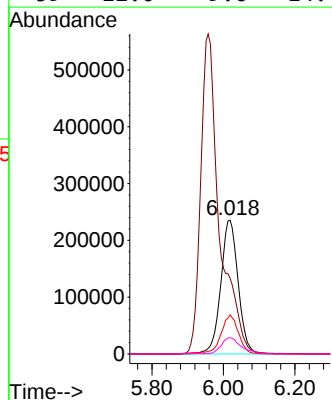
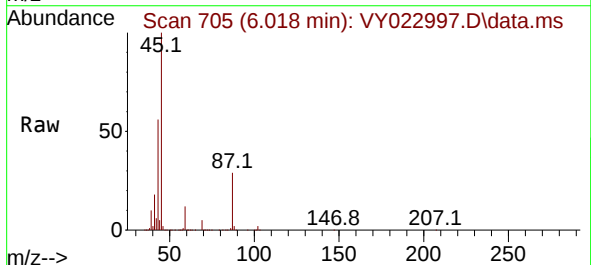
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

Tgt Ion: 96 Resp: 263910
Ion Ratio Lower Upper
96 100
61 141.1 107.4 161.2
98 63.2 49.3 73.9



#22
Diisopropyl ether
Concen: 50.987 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 45 Resp: 794156
Ion Ratio Lower Upper
45 100
43 56.4 45.3 67.9
87 29.1 23.3 34.9
59 12.0 9.6 14.4

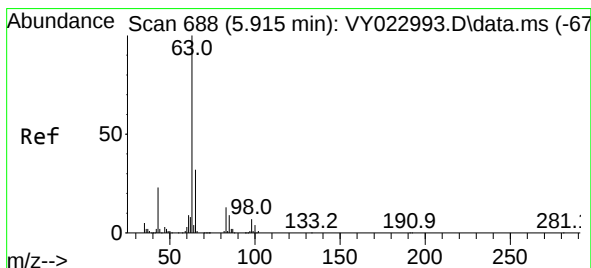
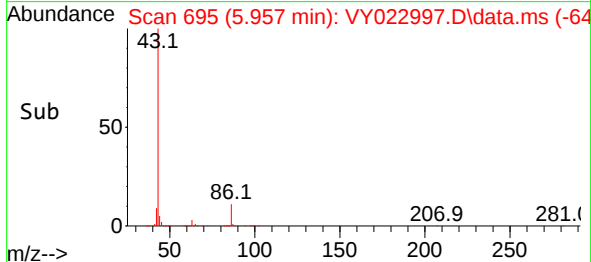
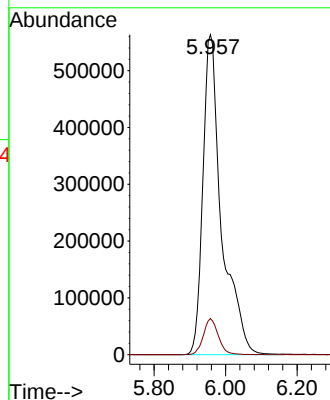
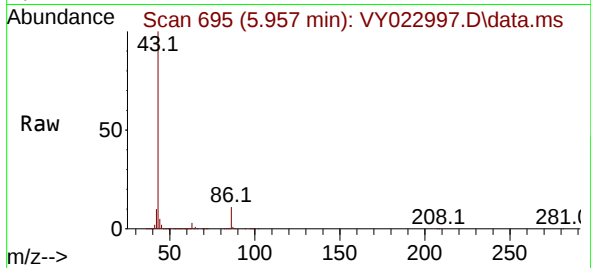




#23
 Vinyl Acetate
 Concen: 260.680 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022997.D
 Acq: 18 Jul 2025 14:02

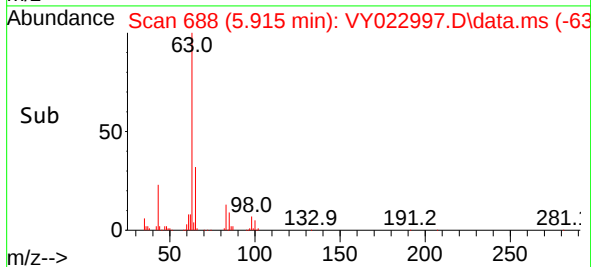
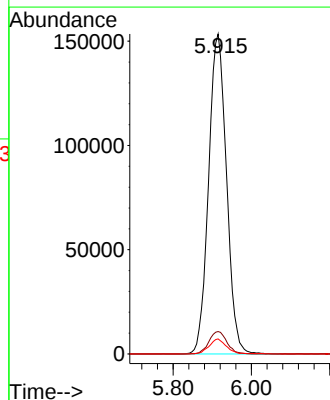
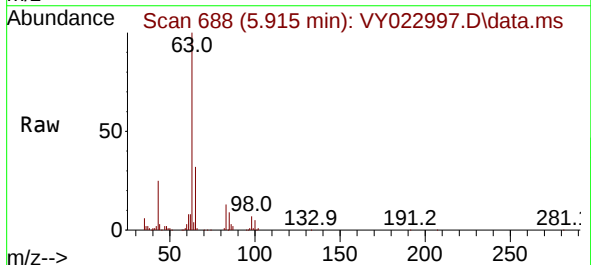
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071825

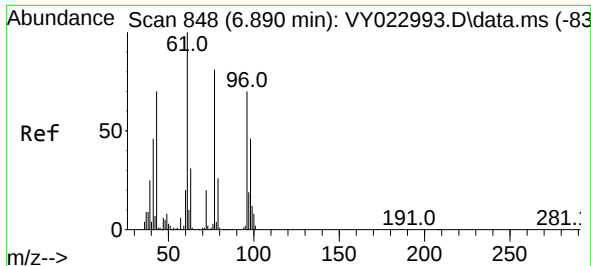
Tgt Ion: 43 Resp: 2045811
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 49.723 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022997.D
 Acq: 18 Jul 2025 14:02

Tgt Ion: 63 Resp: 486435
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.7 2.1 6.2

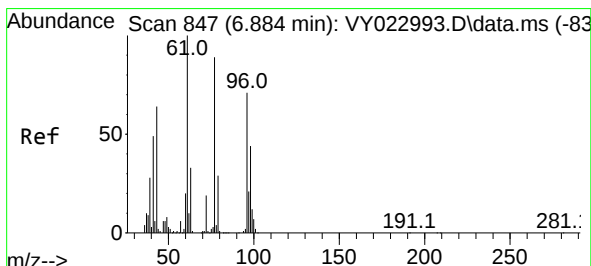
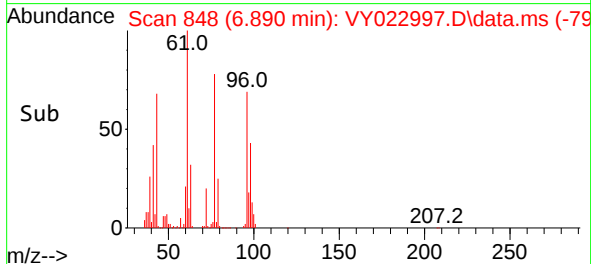
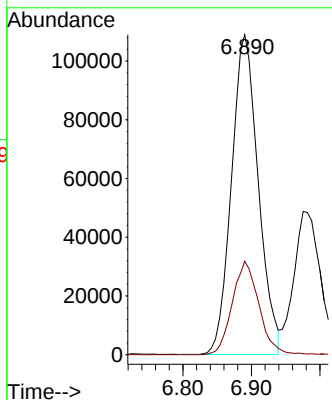
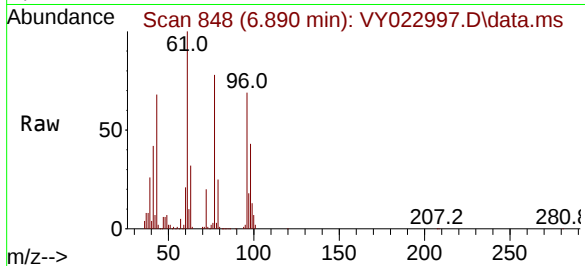




#25
2-Butanone
Concen: 248.403 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

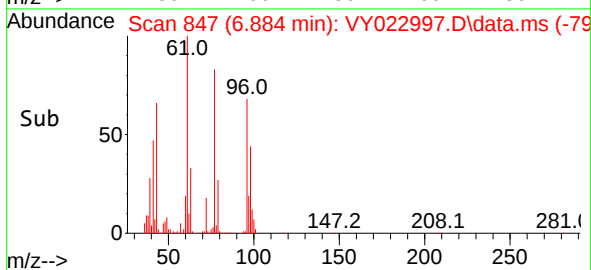
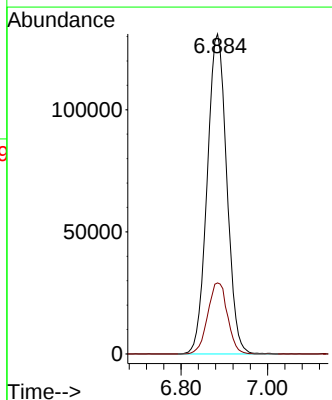
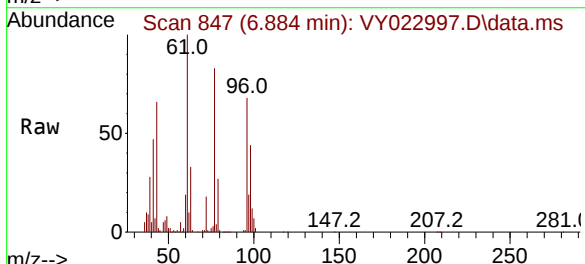
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

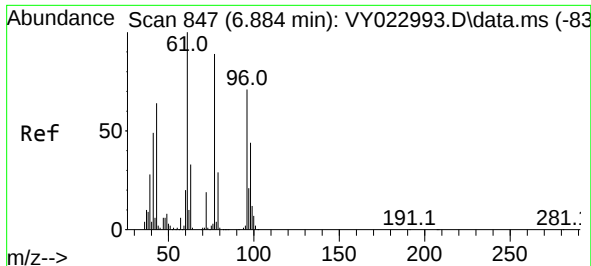
Tgt Ion: 43 Resp: 296567
Ion Ratio Lower Upper
43 100
72 29.2 22.9 34.3



#26
2,2-Dichloropropane
Concen: 47.970 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 77 Resp: 411291
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 49.681 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071825

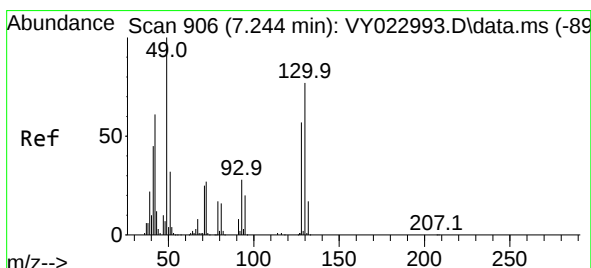
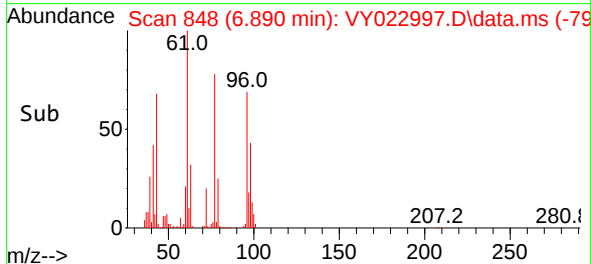
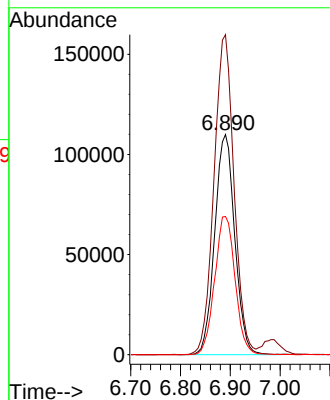
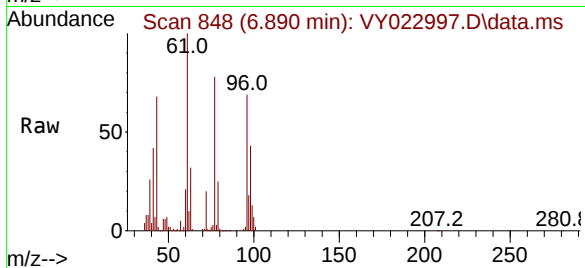
Tgt Ion: 96 Resp: 307144

Ion Ratio Lower Upper

96 100

61 145.2 0.0 286.2

98 64.1 0.0 127.4



#28

Bromochloromethane

Concen: 50.281 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

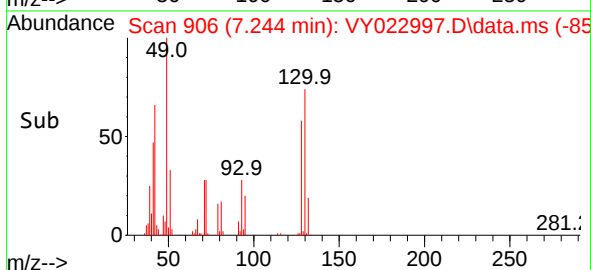
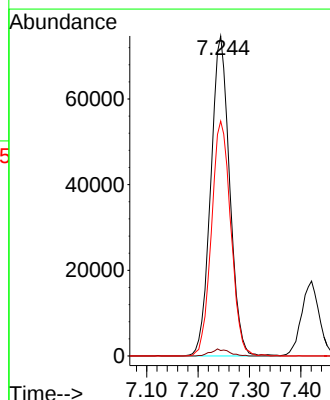
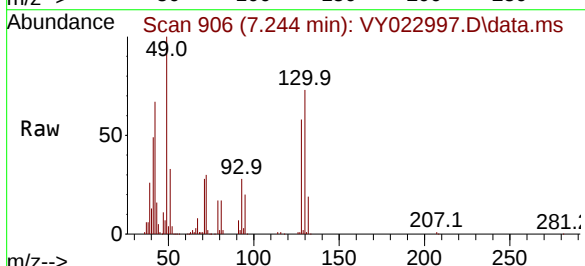
Tgt Ion: 49 Resp: 190788

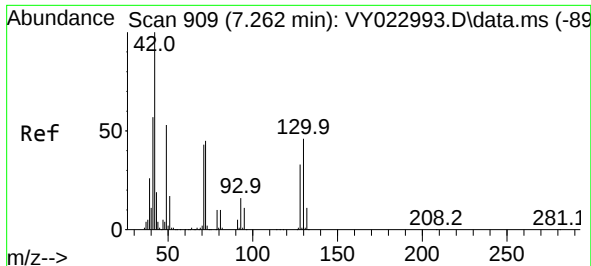
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 74.9 61.8 92.8





#29

Tetrahydrofuran

Concen: 262.377 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071825

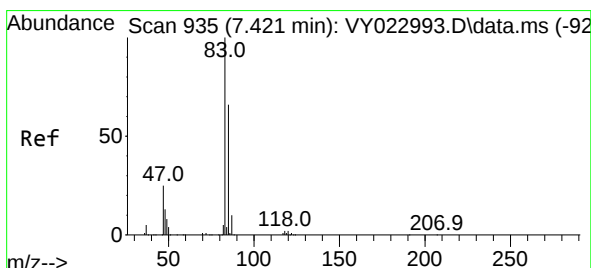
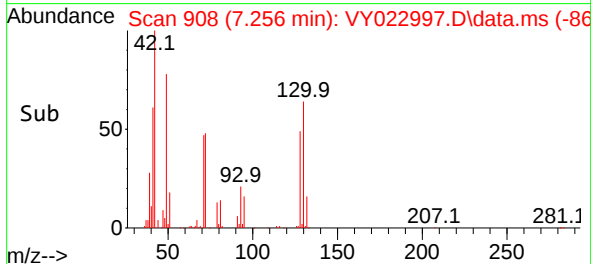
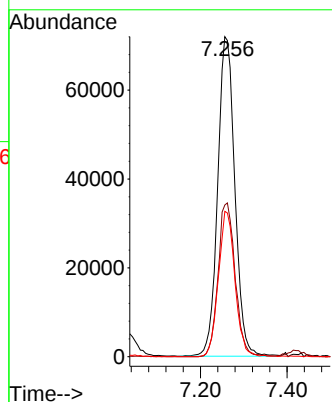
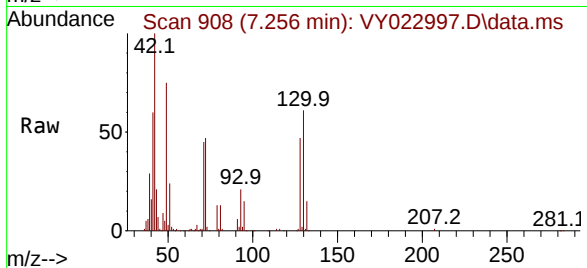
Tgt Ion: 42 Resp: 198327

Ion Ratio Lower Upper

42 100

72 48.0 37.5 56.3

71 43.8 34.2 51.4



#30

Chloroform

Concen: 49.239 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022997.D

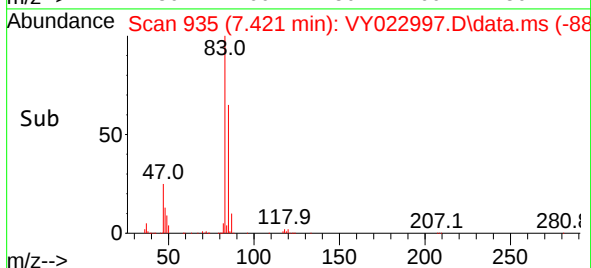
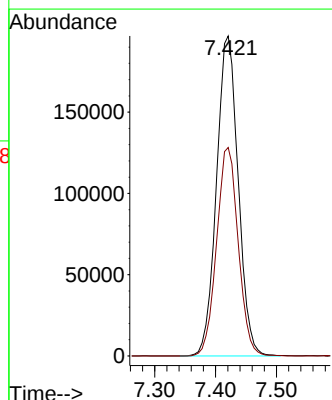
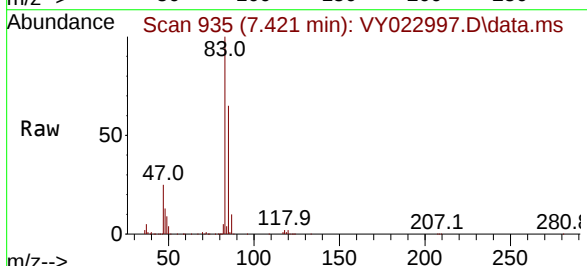
Acq: 18 Jul 2025 14:02

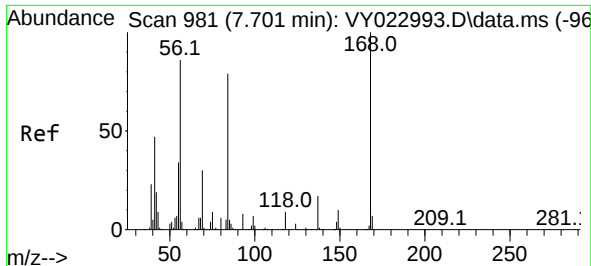
Tgt Ion: 83 Resp: 485939

Ion Ratio Lower Upper

83 100

85 65.1 52.6 78.8

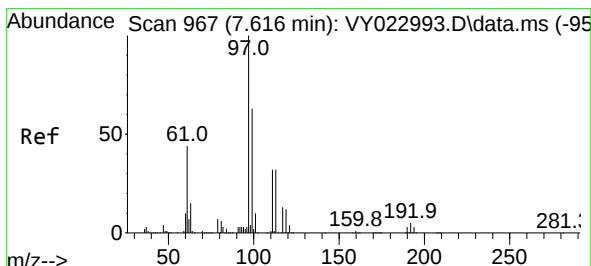
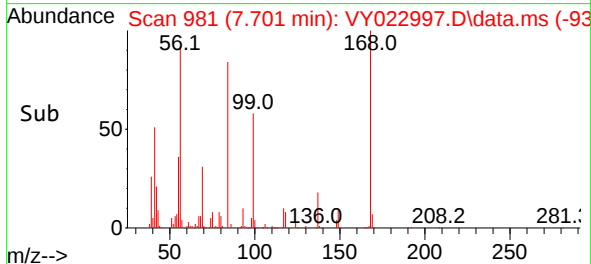
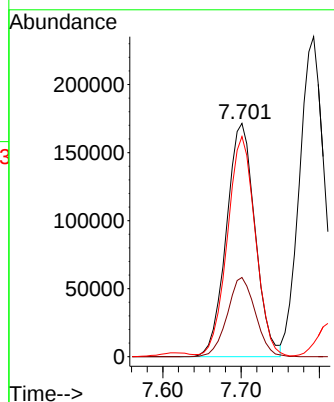
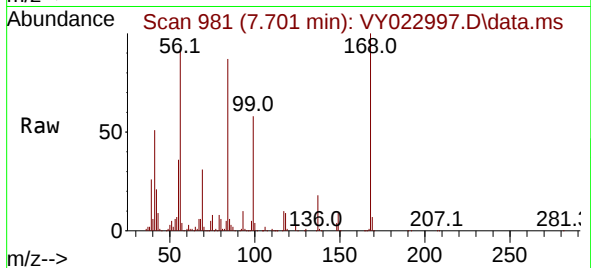




#31
Cyclohexane
Concen: 47.772 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

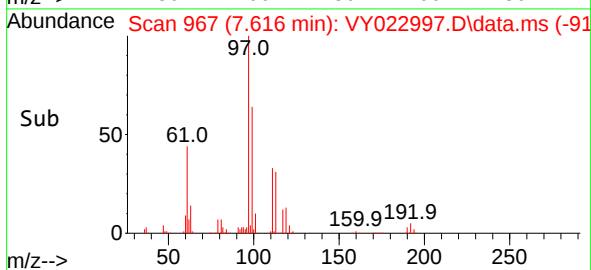
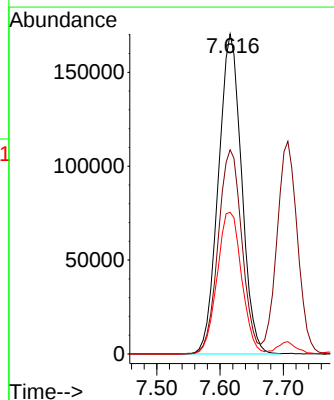
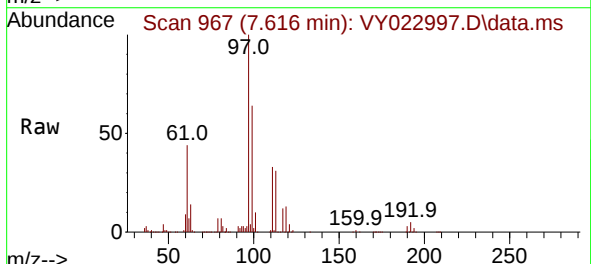
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

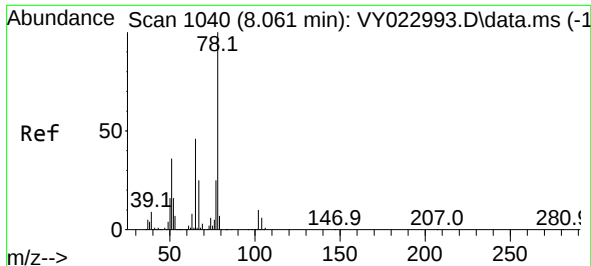
Tgt Ion: 56 Resp: 436690
Ion Ratio Lower Upper
56 100
69 33.9 28.1 42.1
84 92.8 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 48.396 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 97 Resp: 433361
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 46.8 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 49.273 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

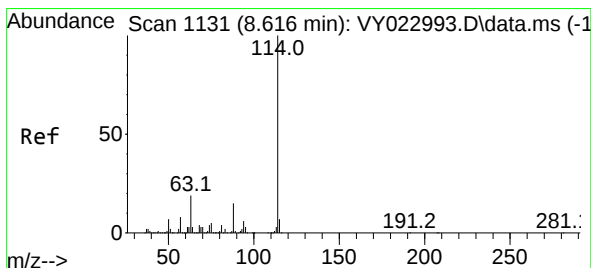
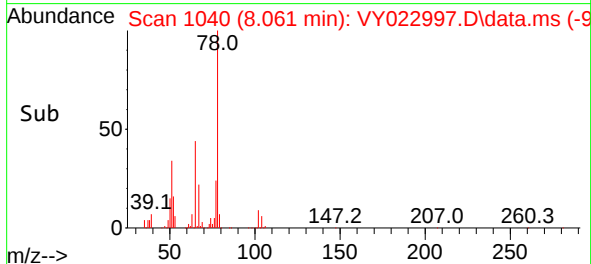
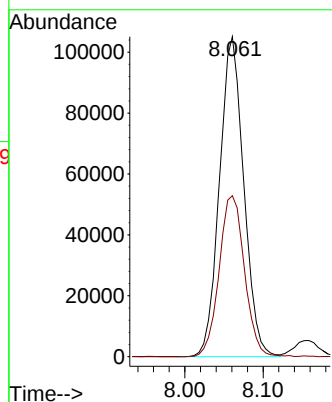
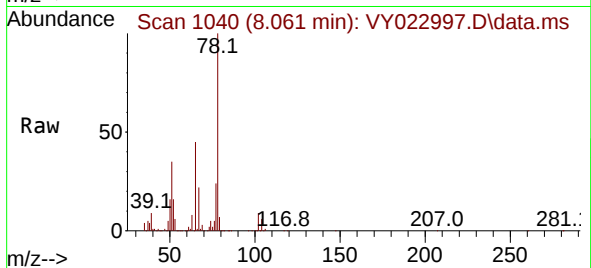
ICVY071825

Tgt Ion: 65 Resp: 226218

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

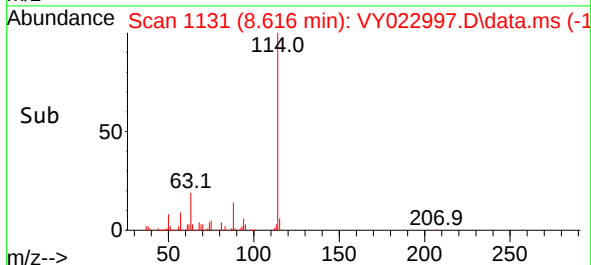
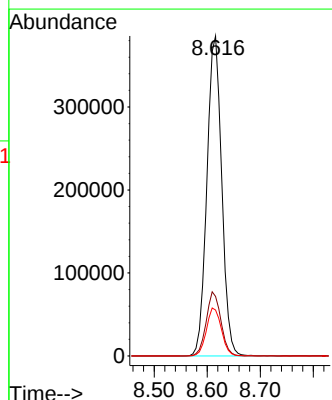
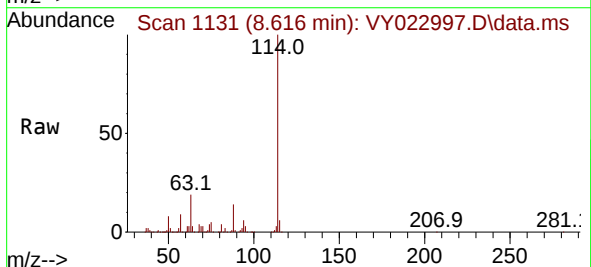
Tgt Ion: 114 Resp: 746741

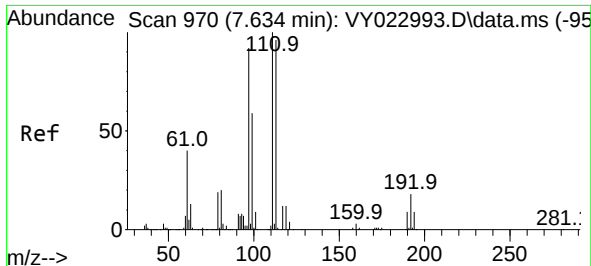
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.8

88 14.4 0.0 30.2

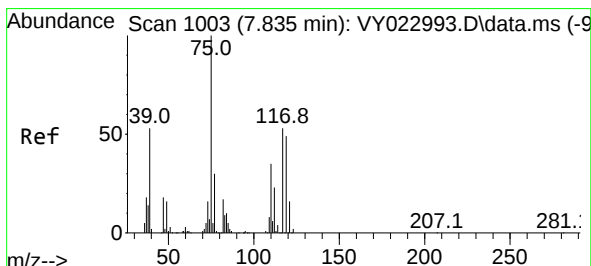
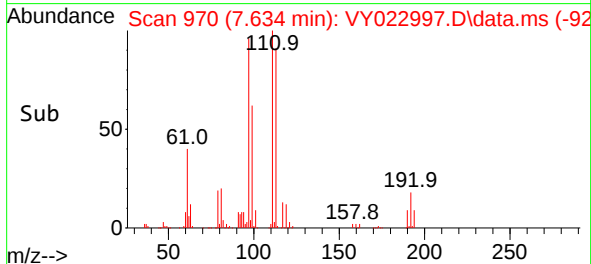
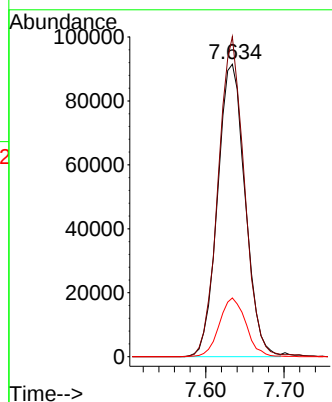
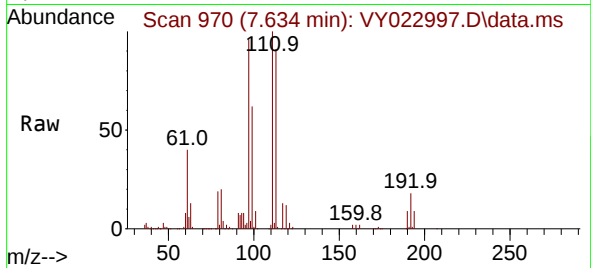




#35
Dibromofluoromethane
Concen: 47.188 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

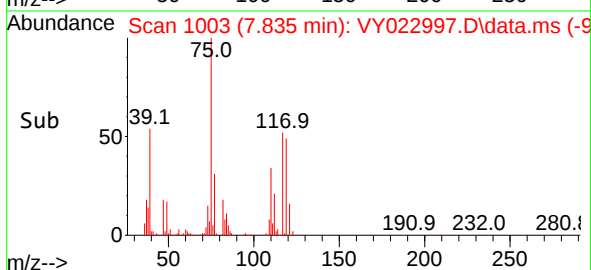
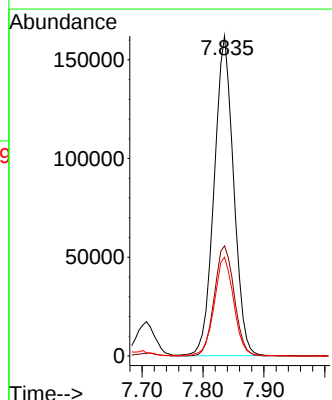
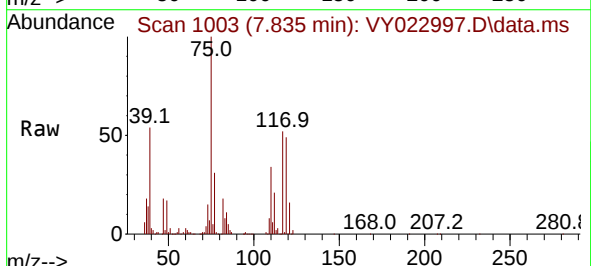
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

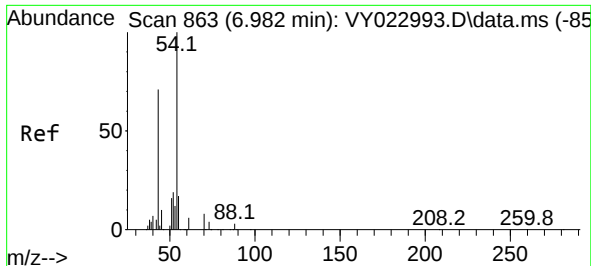
Tgt Ion:113 Resp: 223521
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 19.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 48.190 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 75 Resp: 359563
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.9
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 49.138 ug/l

RT: 6.976 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071825

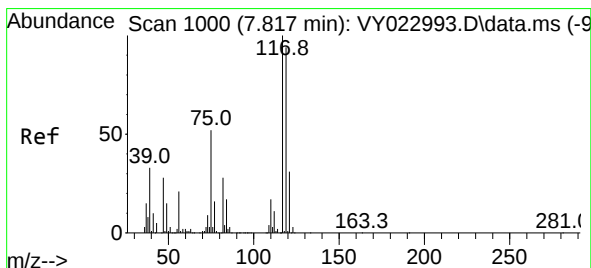
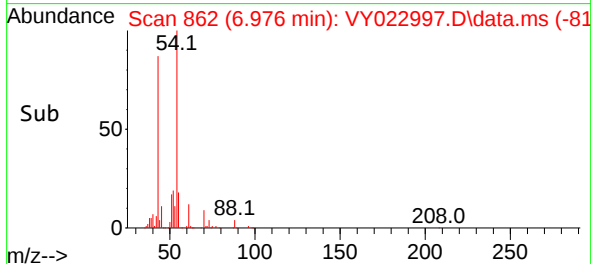
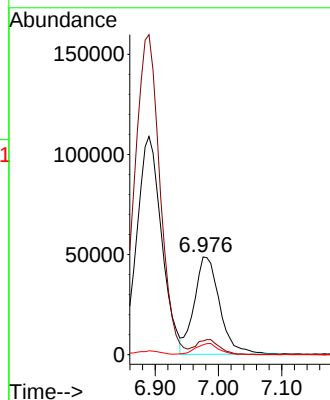
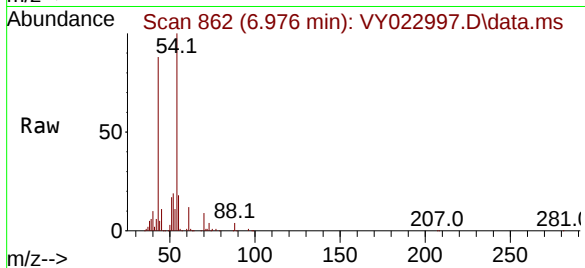
Tgt Ion: 43 Resp: 136167

Ion Ratio Lower Upper

43 100

61 14.2 11.6 17.4

70 10.8 8.5 12.7



#38

Carbon Tetrachloride

Concen: 47.594 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

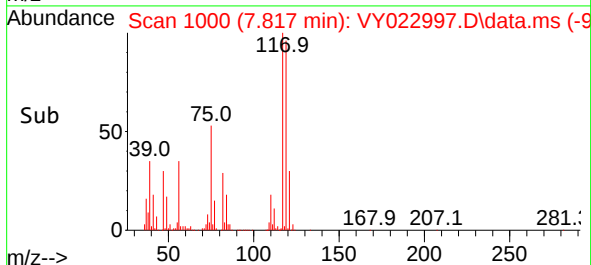
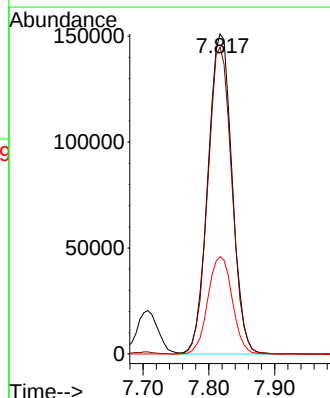
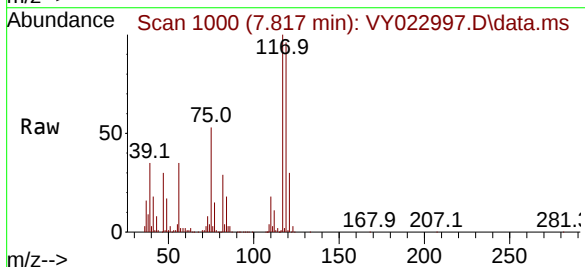
Tgt Ion: 117 Resp: 385805

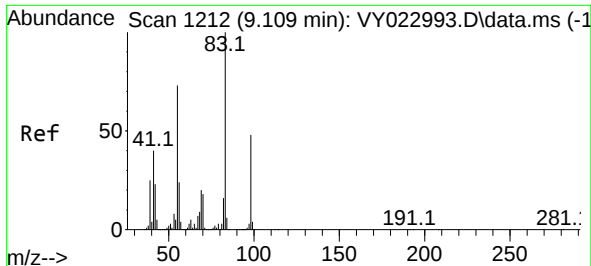
Ion Ratio Lower Upper

117 100

119 95.8 74.9 112.3

121 30.4 24.6 37.0





#39

Methylcyclohexane

Concen: 49.705 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071825

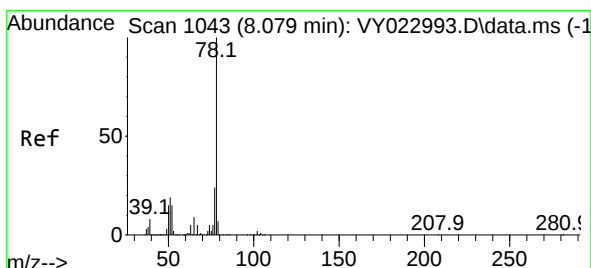
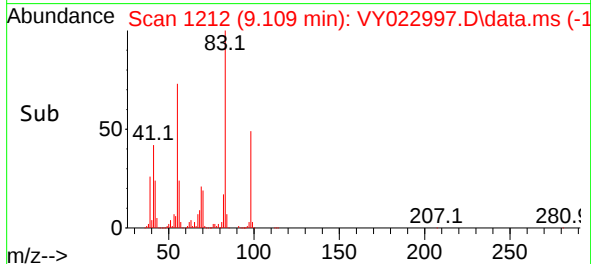
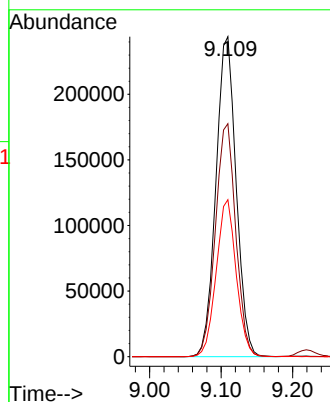
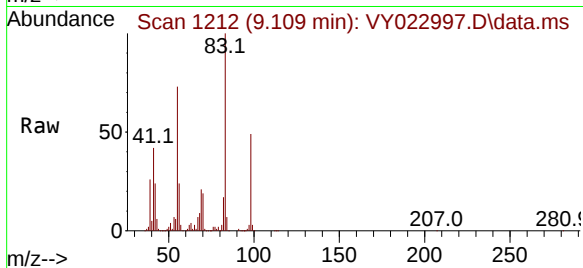
Tgt Ion: 83 Resp: 480021

Ion Ratio Lower Upper

83 100

55 72.8 58.1 87.1

98 49.0 38.5 57.7



#40

Benzene

Concen: 48.756 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022997.D

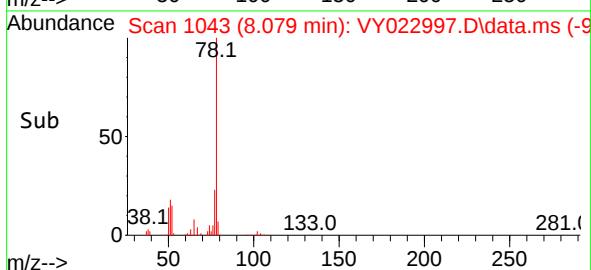
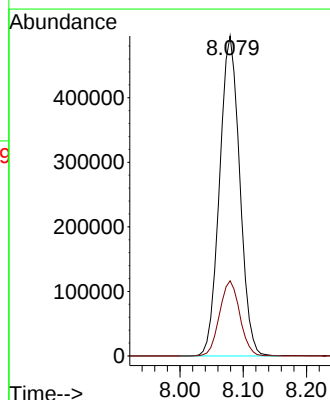
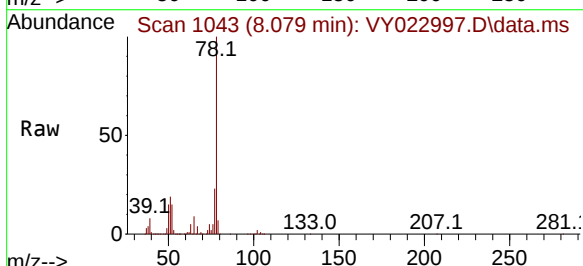
Acq: 18 Jul 2025 14:02

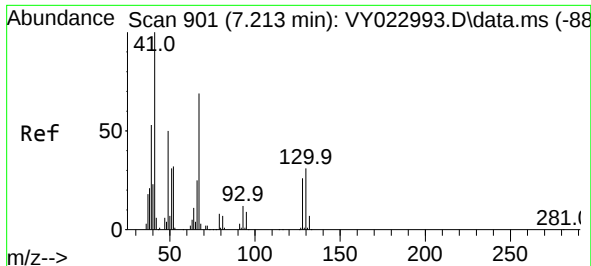
Tgt Ion: 78 Resp: 1095313

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4



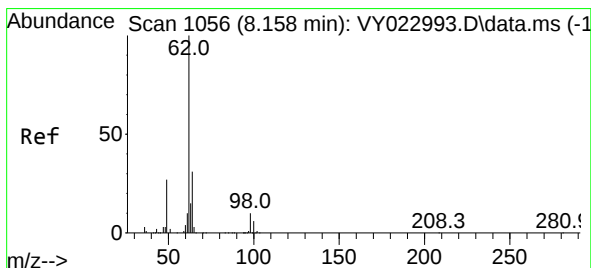
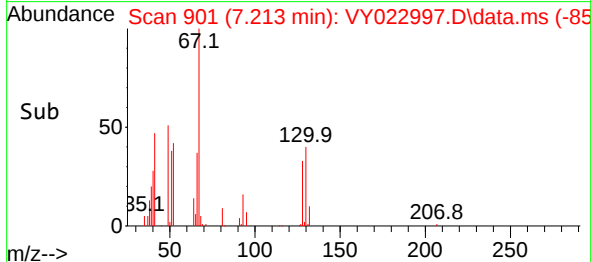
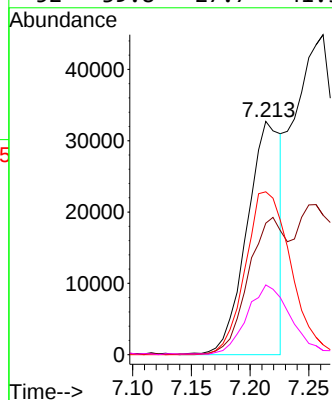
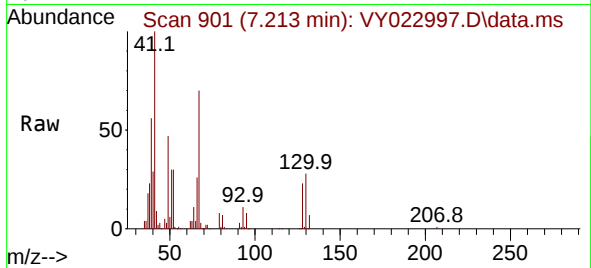


#41
Methacrylonitrile
Concen: 43.514 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

Tgt Ion: 41 Resp: 65688

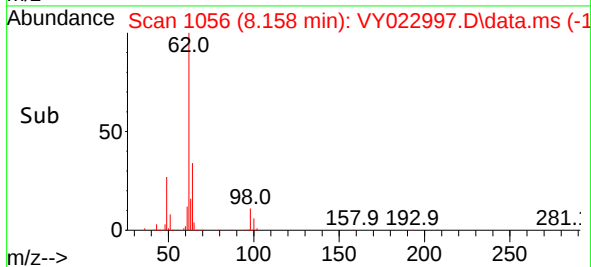
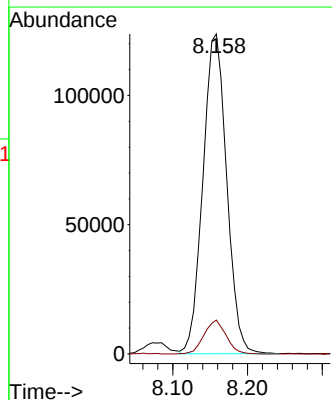
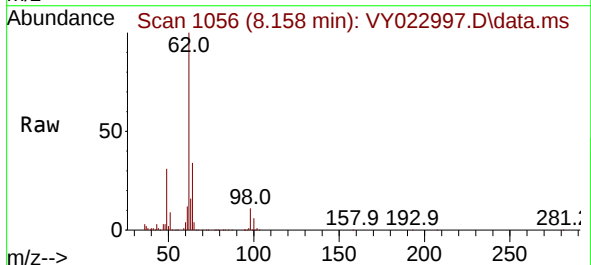
Ion	Ratio	Lower	Upper
41	100		
39	66.1	50.0	75.0
67	94.5	65.4	98.2
52	39.8	27.7	41.5

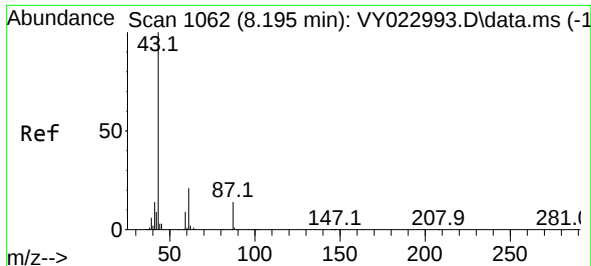


#42
1,2-Dichloroethane
Concen: 48.885 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 62 Resp: 273227

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0

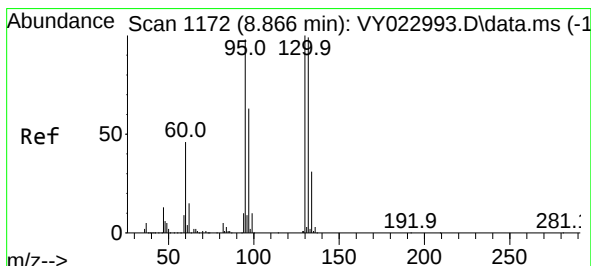
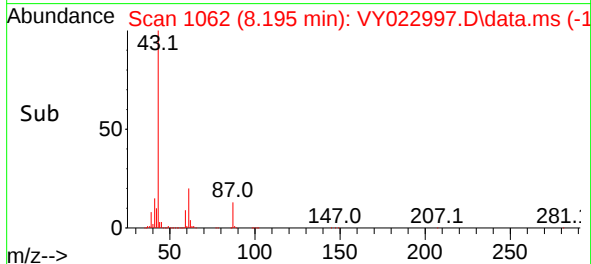
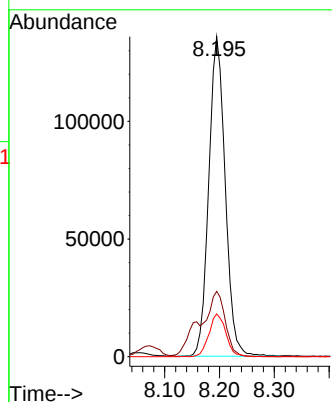
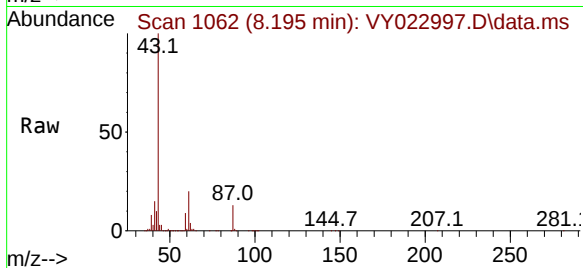




#43
Isopropyl Acetate
Concen: 51.356 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

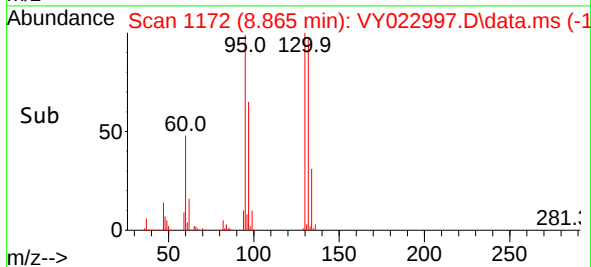
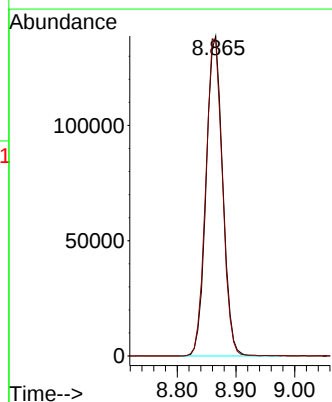
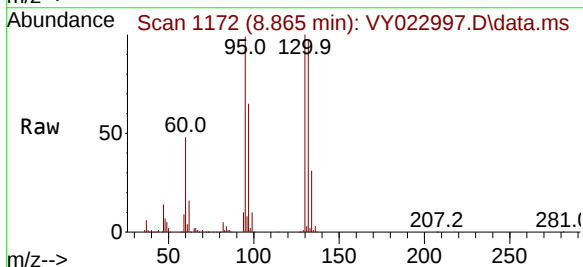
Instrument : MSVOA_Y
ClientSampleId : ICVVY071825

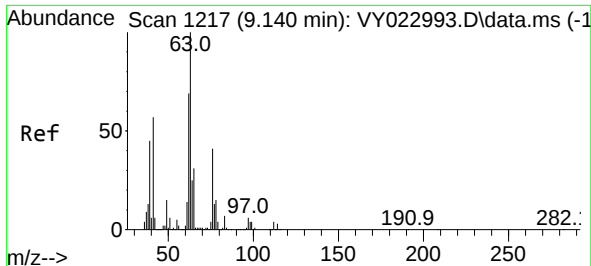
Tgt Ion: 43 Resp: 282687
Ion Ratio Lower Upper
43 100
61 20.6 25.0 37.4#
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 46.984 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion:130 Resp: 271109
Ion Ratio Lower Upper
130 100
95 98.8 0.0 195.8





#45

1,2-Dichloropropane

Concen: 48.601 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

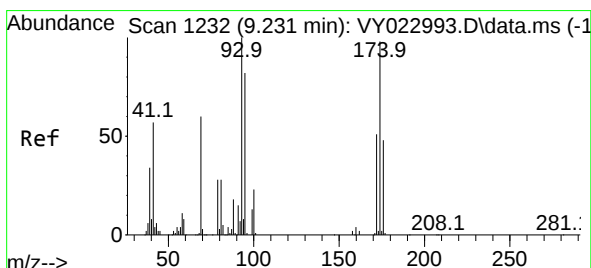
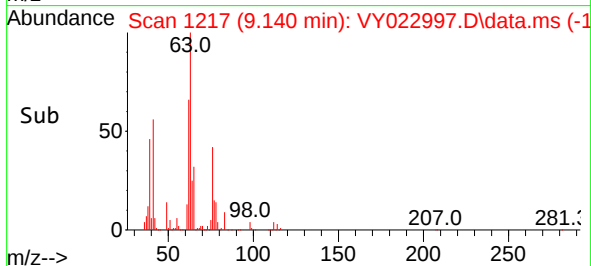
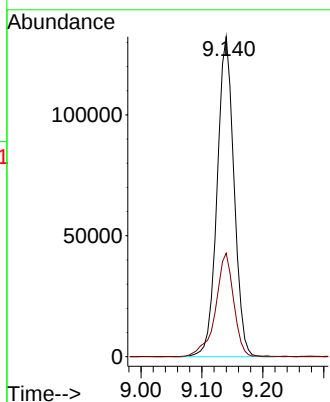
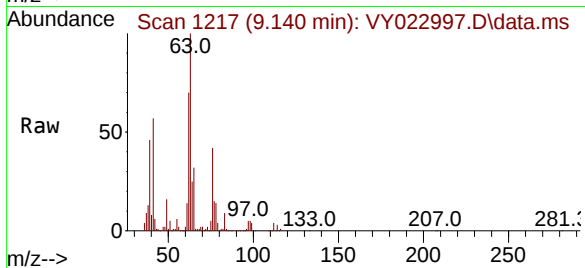
ICVY071825

Tgt Ion: 63 Resp: 254972

Ion Ratio Lower Upper

63 100

65 32.4 24.6 37.0



#46

Dibromomethane

Concen: 48.105 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

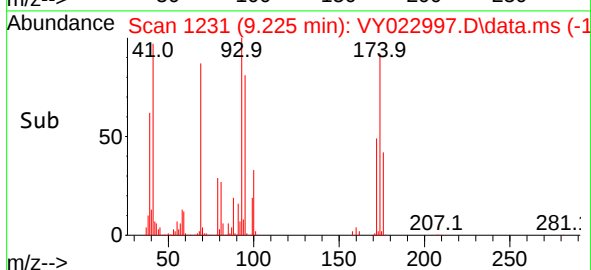
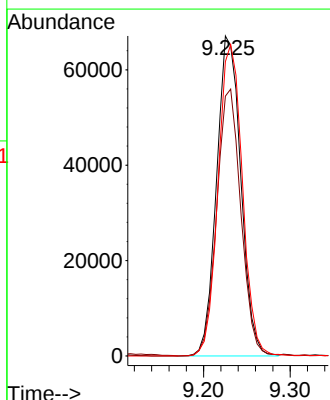
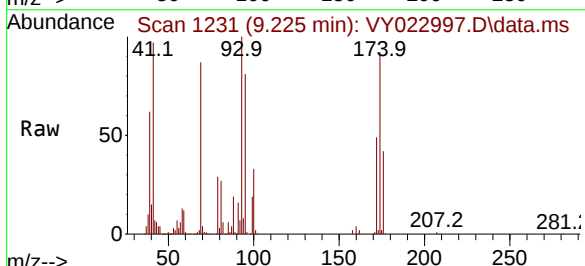
Tgt Ion: 93 Resp: 130449

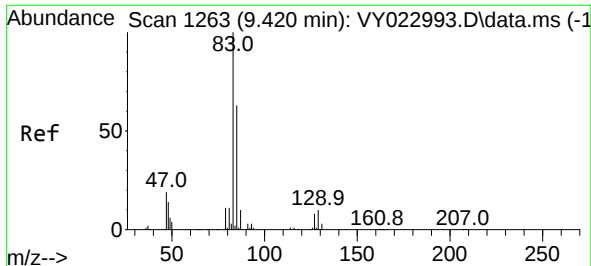
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 97.7 76.4 114.6





#47

Bromodichloromethane

Concen: 48.715 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071825

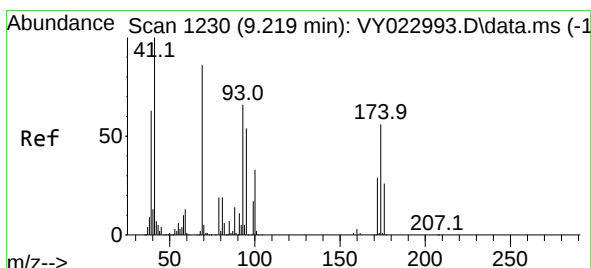
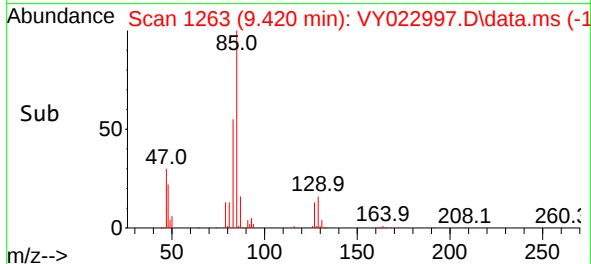
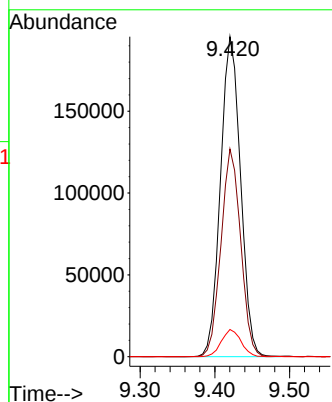
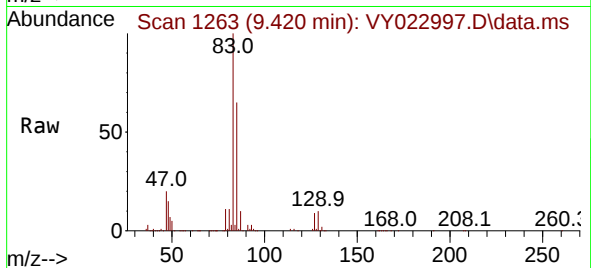
Tgt Ion: 83 Resp: 365153

Ion Ratio Lower Upper

83 100

85 64.9 50.6 75.8

127 8.5 6.5 9.7



#48

Methyl methacrylate

Concen: 51.856 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

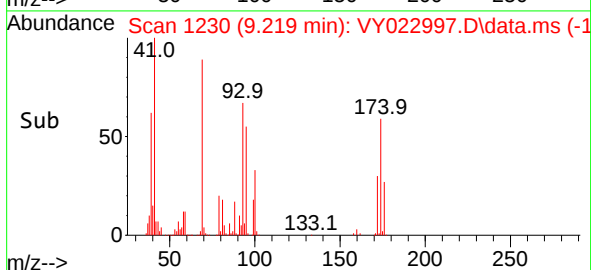
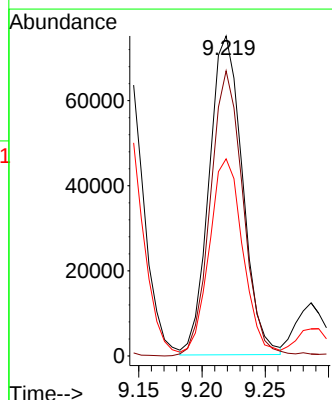
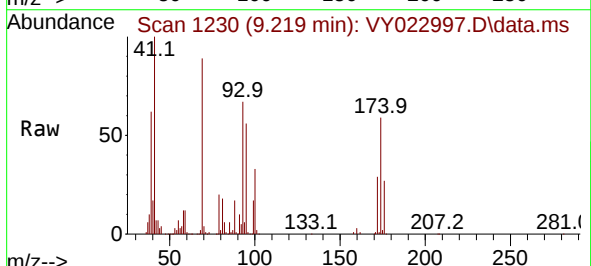
Tgt Ion: 41 Resp: 137807

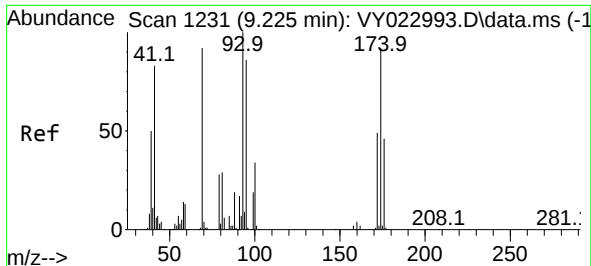
Ion Ratio Lower Upper

41 100

69 88.4 71.4 107.0

39 60.0 47.8 71.8





#49

1,4-Dioxane

Concen: 1039.077 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071825

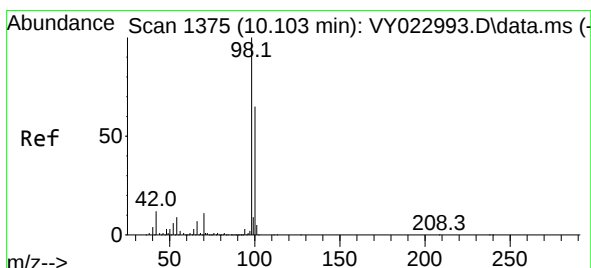
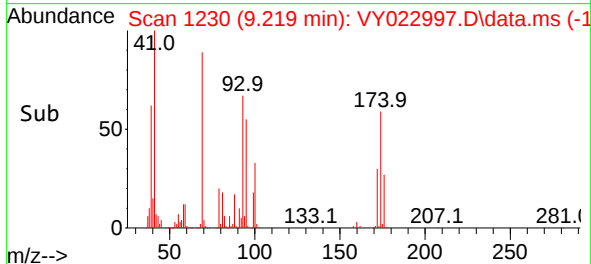
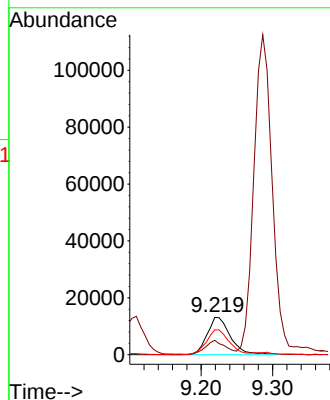
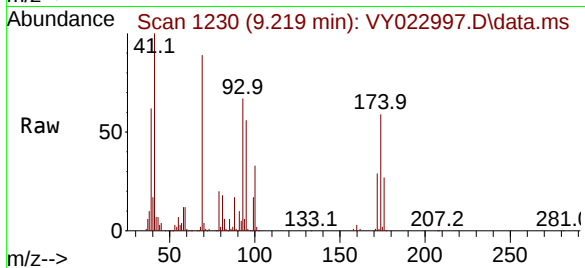
Tgt Ion: 88 Resp: 29701

Ion Ratio Lower Upper

88 100

43 32.3 28.7 43.1

58 64.9 59.8 89.6



#50

Toluene-d8

Concen: 47.728 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022997.D

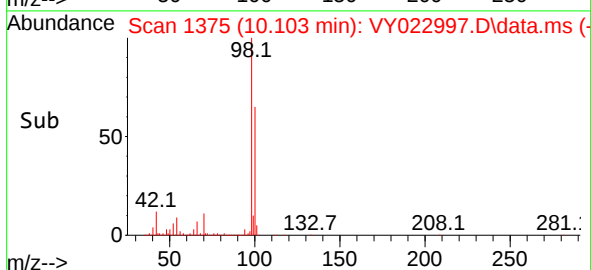
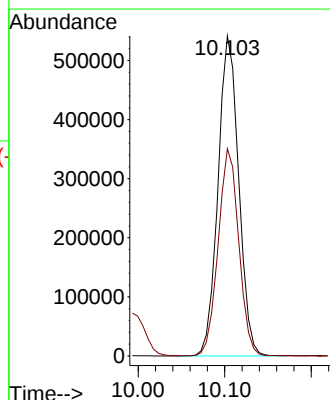
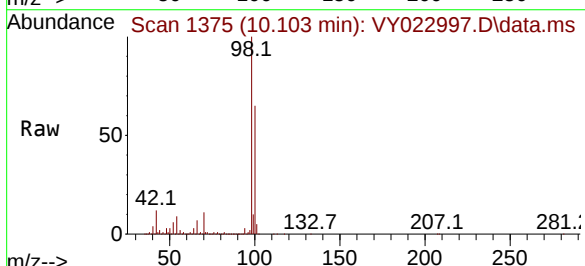
Acq: 18 Jul 2025 14:02

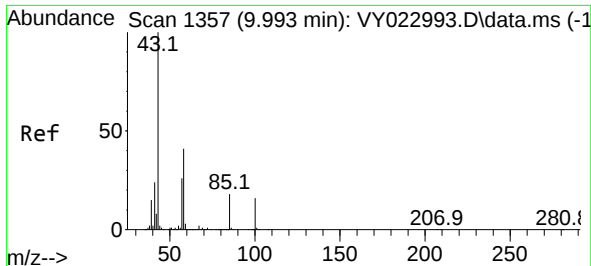
Tgt Ion: 98 Resp: 896545

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2

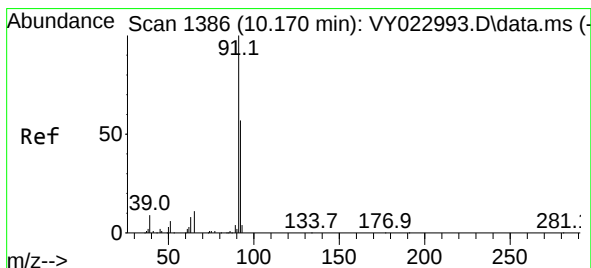
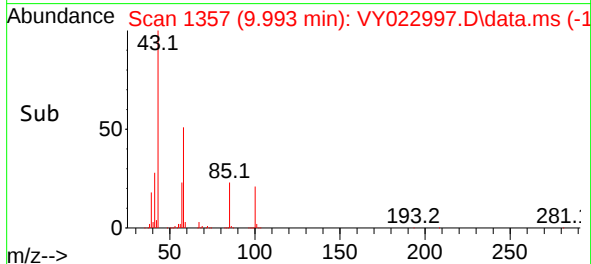
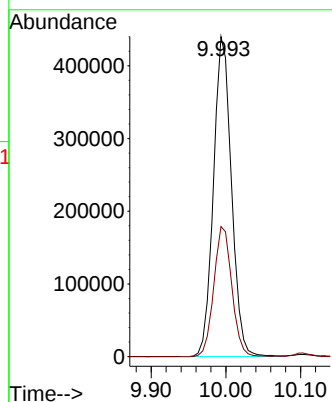
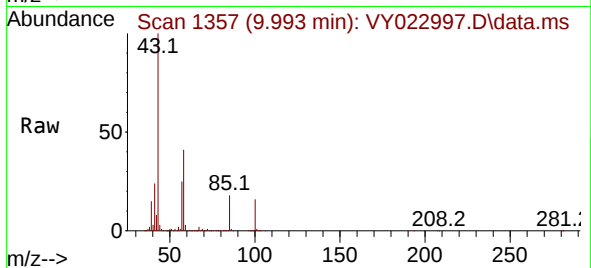




#51
4-Methyl-2-Pentanone
Concen: 263.650 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

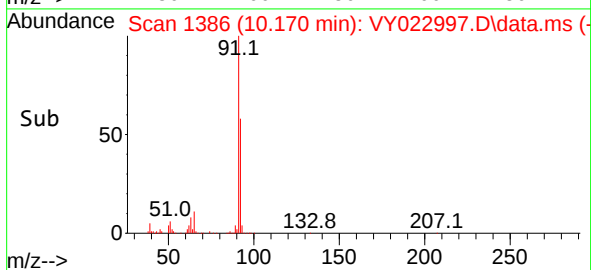
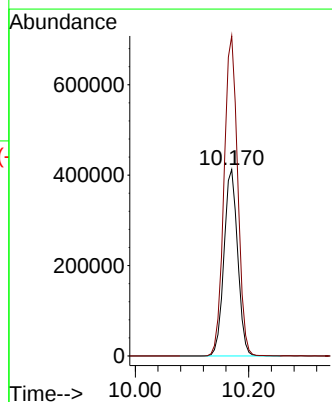
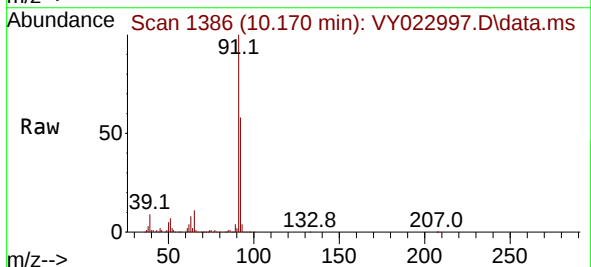
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

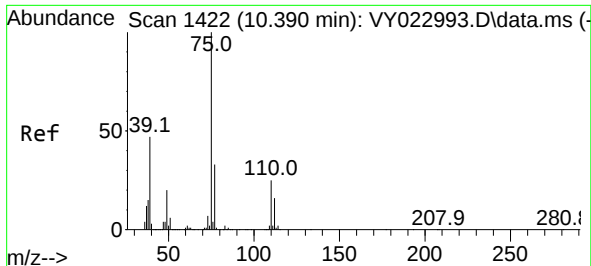
Tgt Ion: 43 Resp: 736605
Ion Ratio Lower Upper
43 100
58 40.9 32.5 48.7



#52
Toluene
Concen: 49.377 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 92 Resp: 689665
Ion Ratio Lower Upper
92 100
91 171.8 137.8 206.6

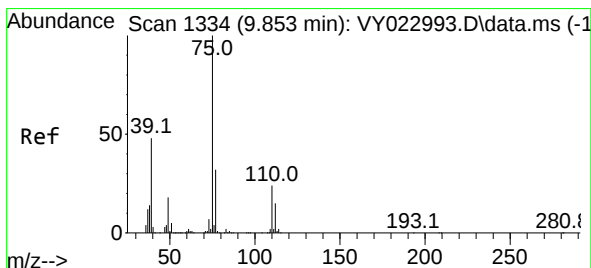
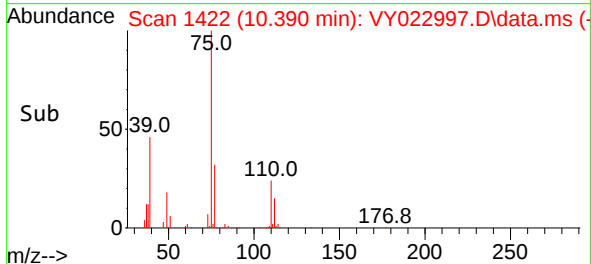
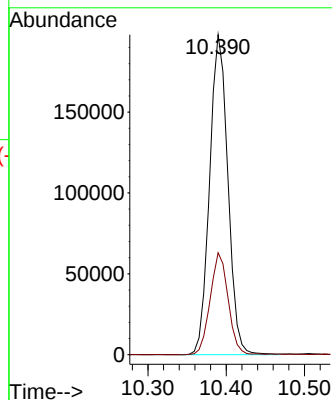
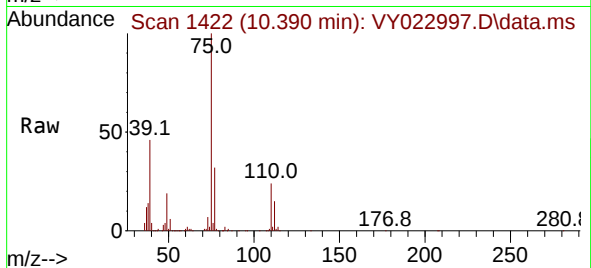




#53
t-1,3-Dichloropropene
Concen: 49.810 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

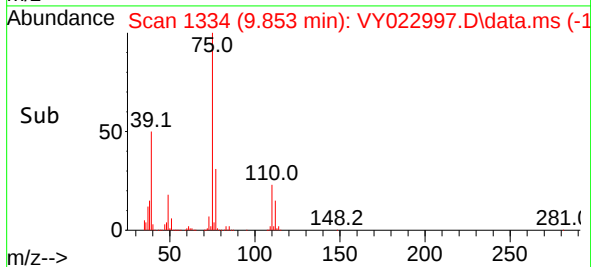
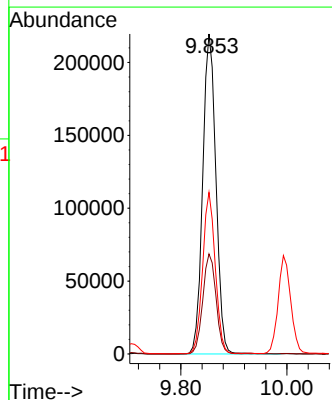
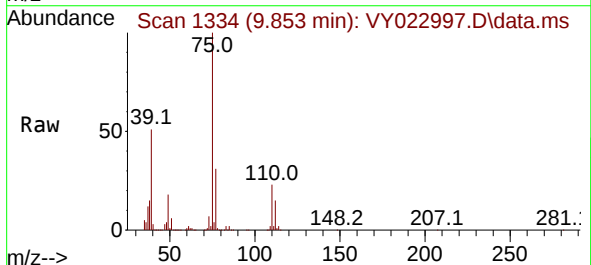
Instrument : MSVOA_Y
ClientSampleId : ICVVY071825

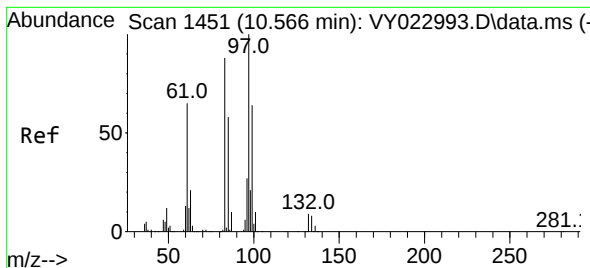
Tgt Ion: 75 Resp: 320495
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 48.953 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 75 Resp: 379652
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 50.4 38.2 57.2



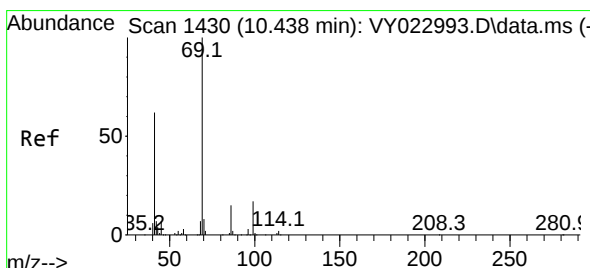
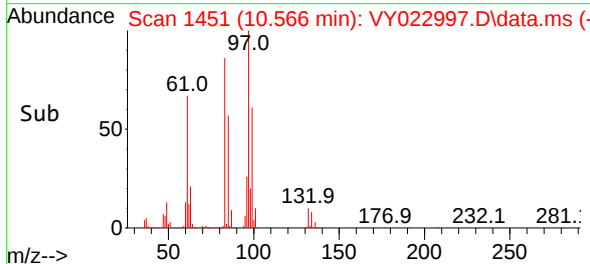
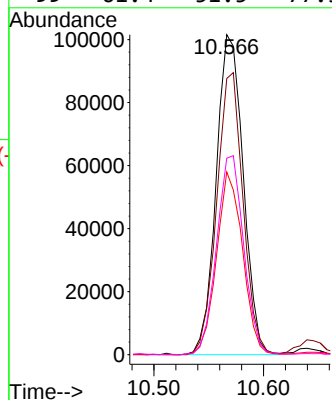
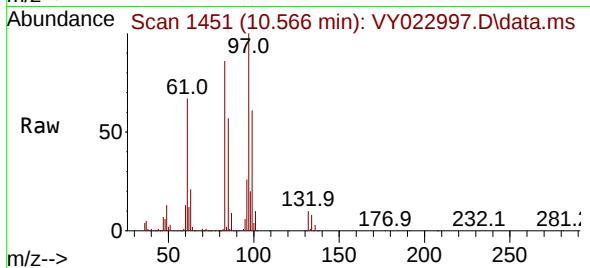


#55
1,1,2-Trichloroethane
Concen: 48.860 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

Tgt Ion: 97 Resp: 174146

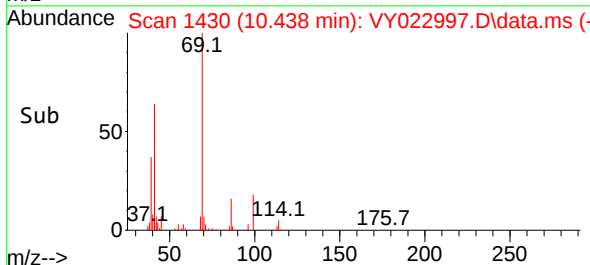
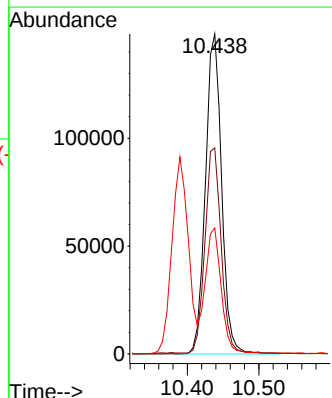
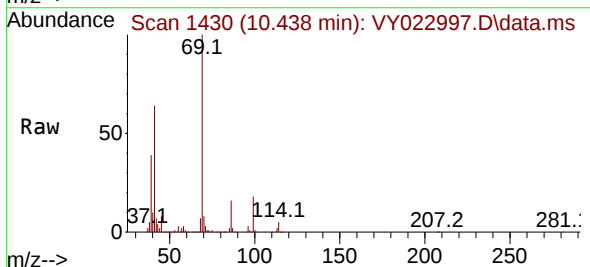
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.2
85	57.1	46.2	69.2
99	61.4	51.5	77.3

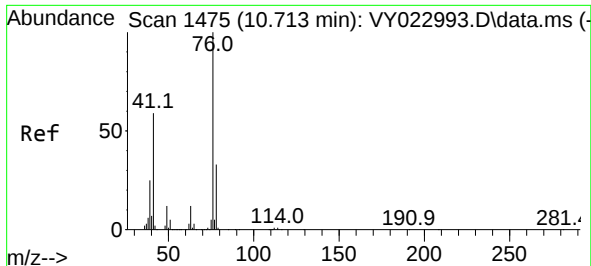


#56
Ethyl methacrylate
Concen: 52.383 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 69 Resp: 233062

Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.0	76.4
39	38.6	30.6	46.0





#57

1,3-Dichloropropane

Concen: 49.619 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

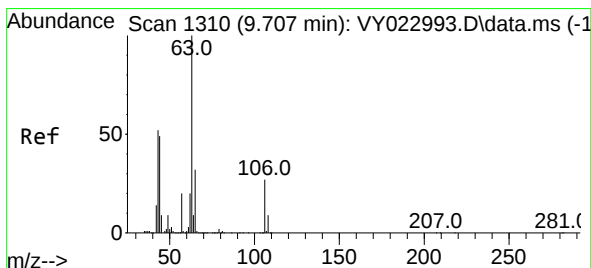
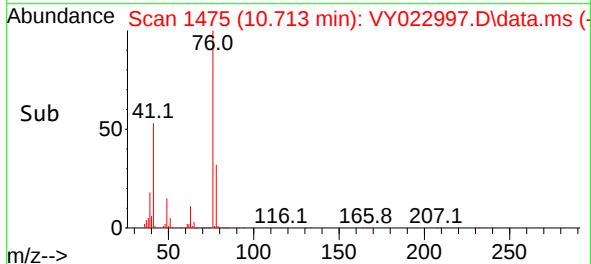
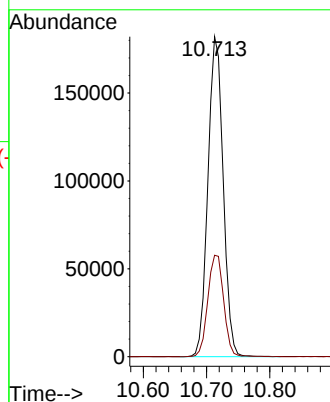
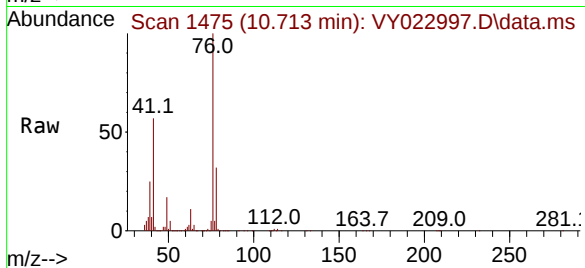
ICVY071825

Tgt Ion: 76 Resp: 305501

Ion Ratio Lower Upper

76 100

78 33.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 255.234 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022997.D

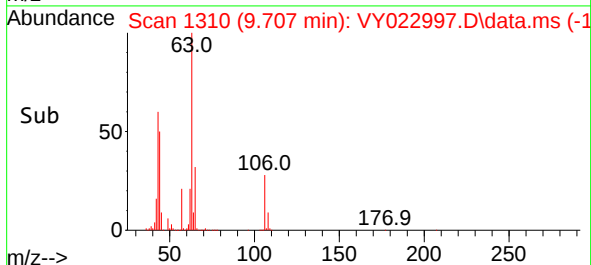
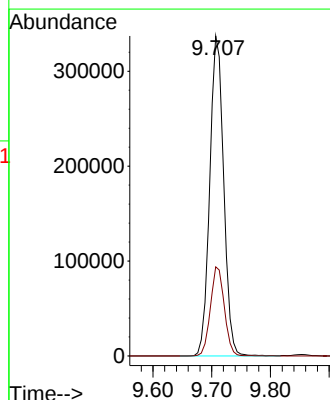
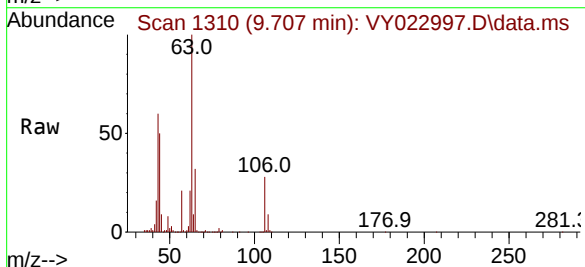
Acq: 18 Jul 2025 14:02

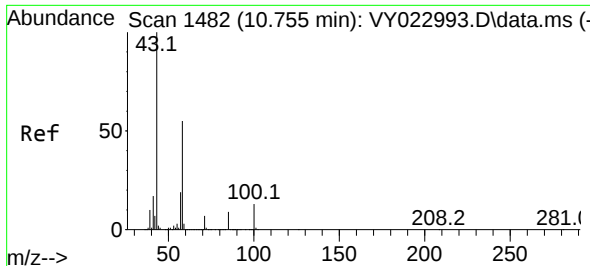
Tgt Ion: 63 Resp: 555885

Ion Ratio Lower Upper

63 100

106 27.8 22.6 33.8

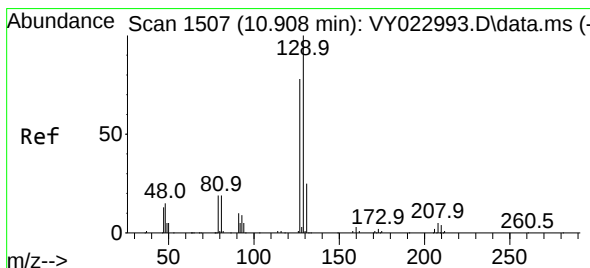
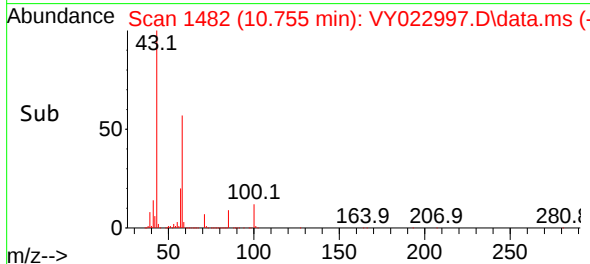
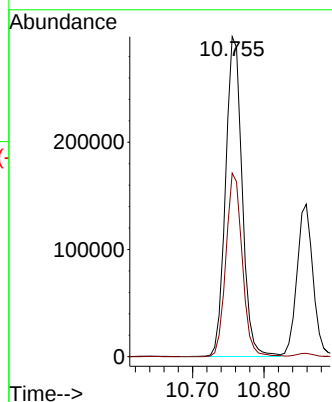
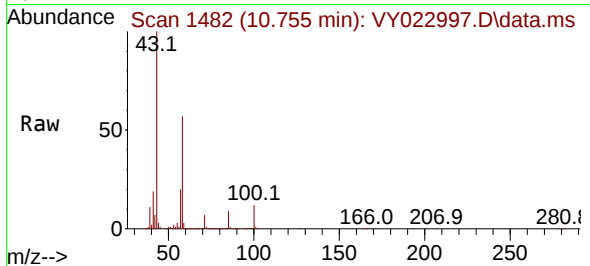




#59
2-Hexanone
Concen: 261.717 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

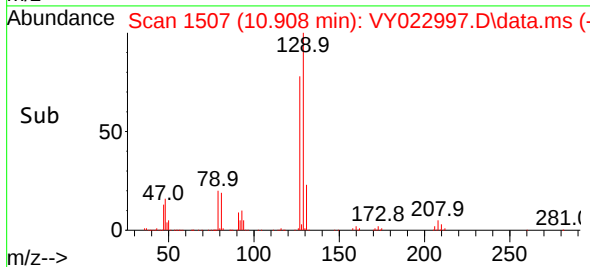
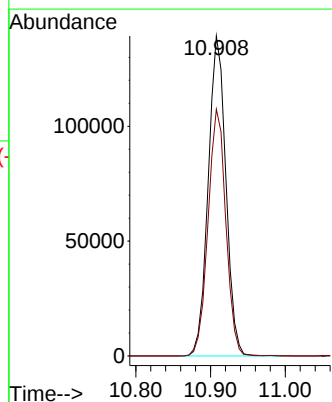
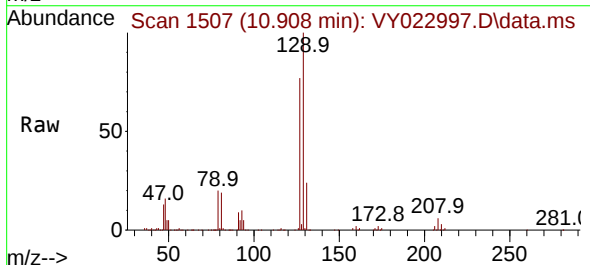
Instrument :
MSVOA_Y
ClientSampleId :
ICVY071825

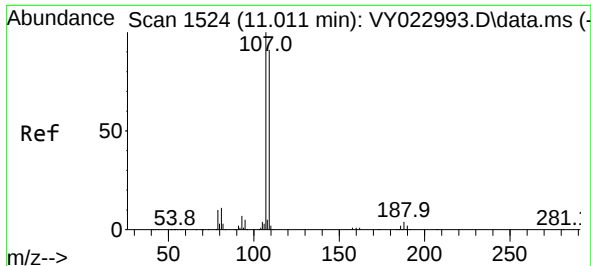
Tgt Ion: 43 Resp: 480633
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 48.997 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 129 Resp: 228677
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

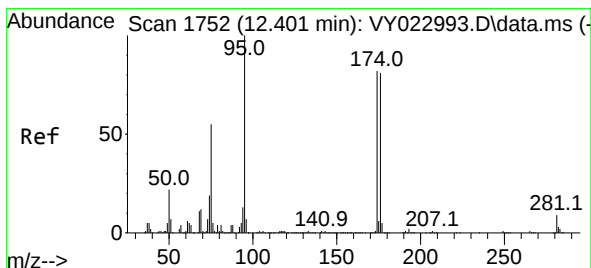
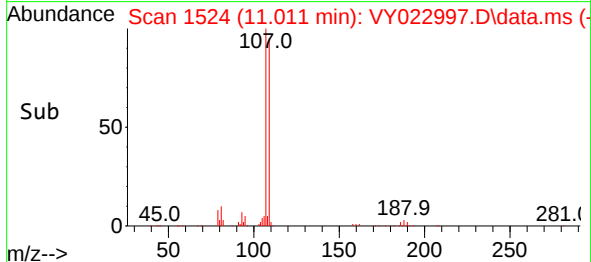
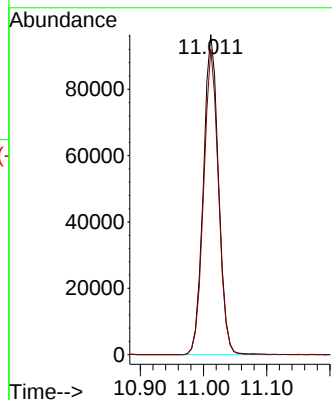
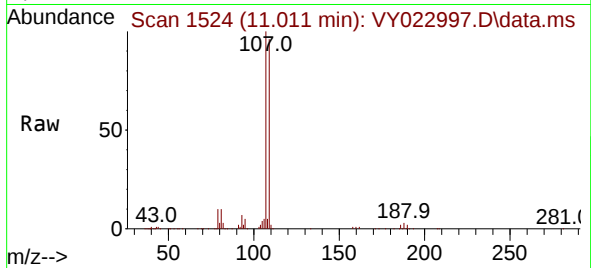




#61
1,2-Dibromoethane
Concen: 49.692 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

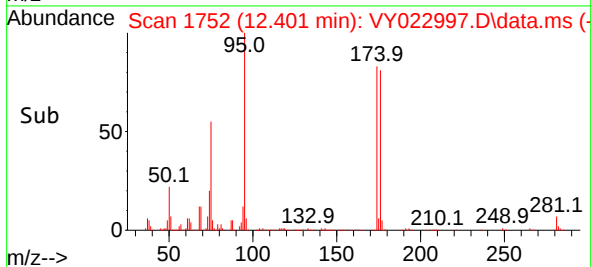
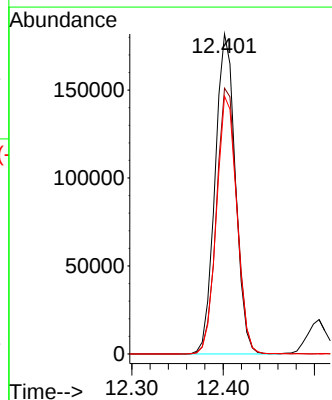
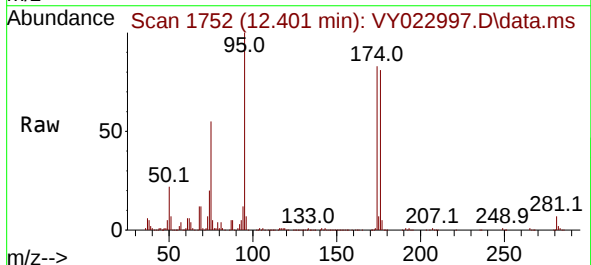
Instrument :
MSVOA_Y
ClientSampleId :
ICVY071825

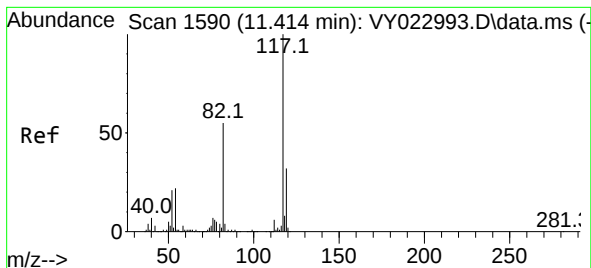
Tgt Ion:107 Resp: 160833
Ion Ratio Lower Upper
107 100
109 93.1 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 47.544 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 95 Resp: 281129
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.8
176 80.9 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071825

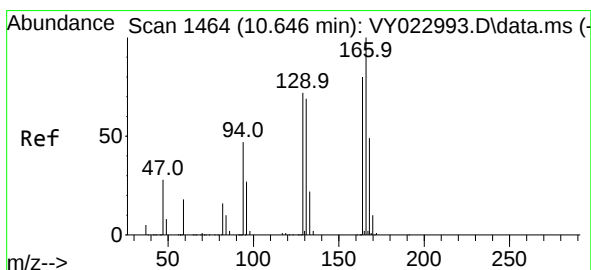
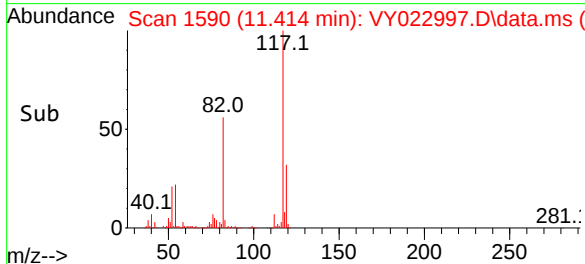
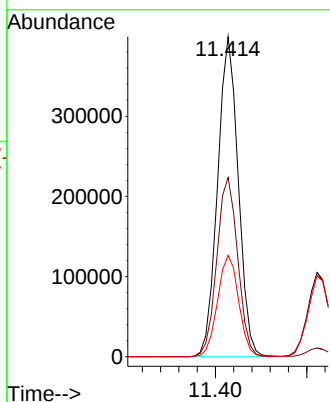
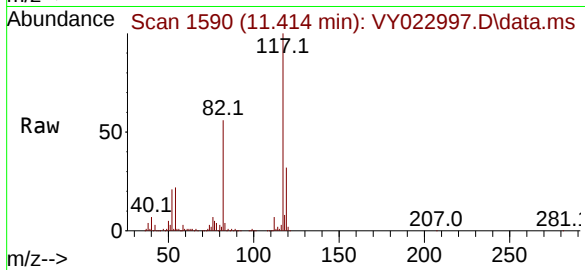
Tgt Ion:117 Resp: 626160

Ion Ratio Lower Upper

117 100

82 56.0 44.3 66.5

119 31.7 25.8 38.8



#64

Tetrachloroethene

Concen: 45.898 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Tgt Ion:164 Resp: 293758

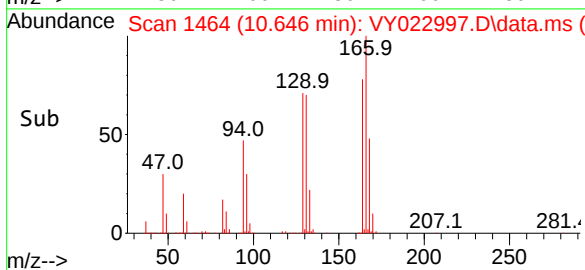
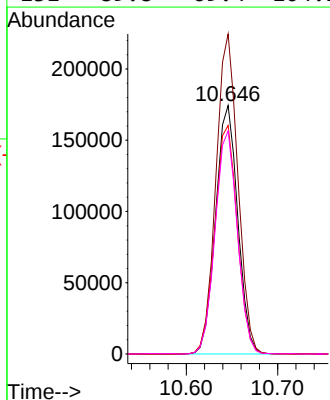
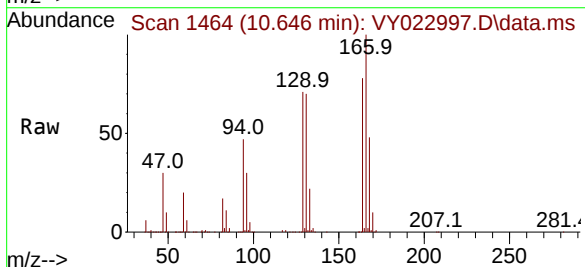
Ion Ratio Lower Upper

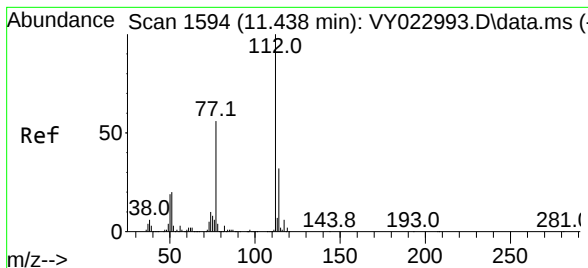
164 100

166 128.8 100.2 150.2

129 92.0 71.7 107.5

131 89.8 69.4 104.2

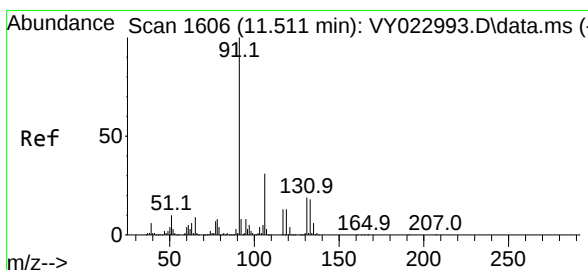
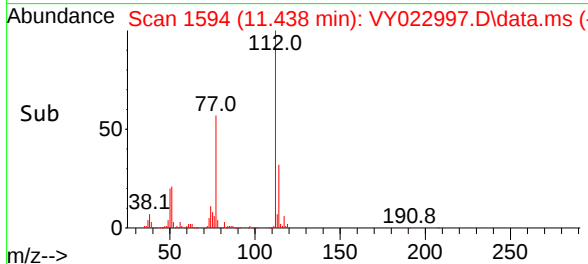
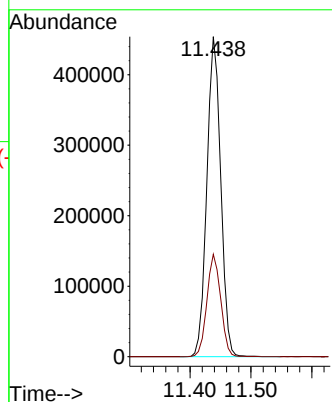
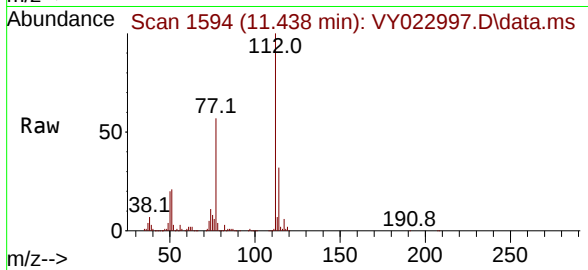




#65
Chlorobenzene
Concen: 48.547 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

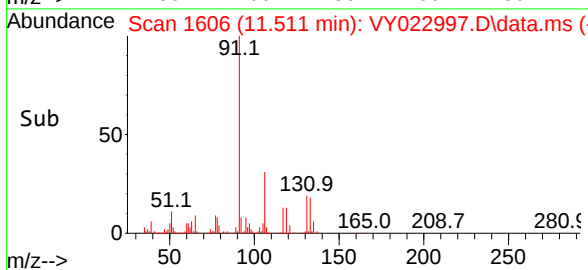
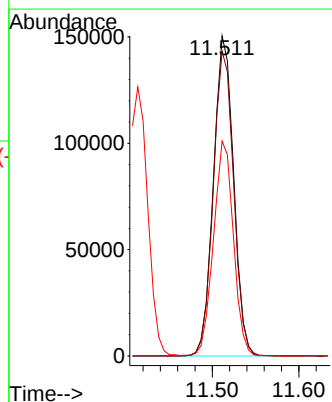
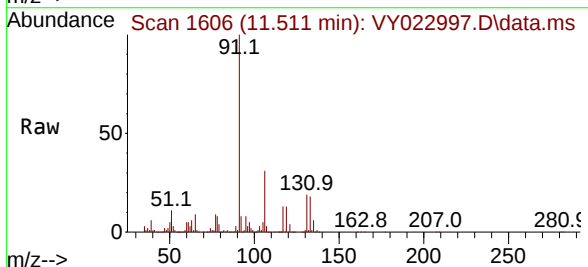
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

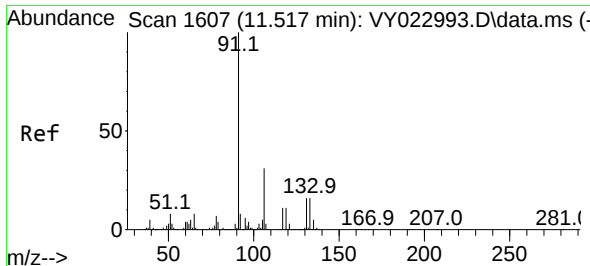
Tgt Ion:112 Resp: 717316
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.281 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion:131 Resp: 243320
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.3
119 66.5 33.3 99.8





#67

Ethyl Benzene

Concen: 50.355 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

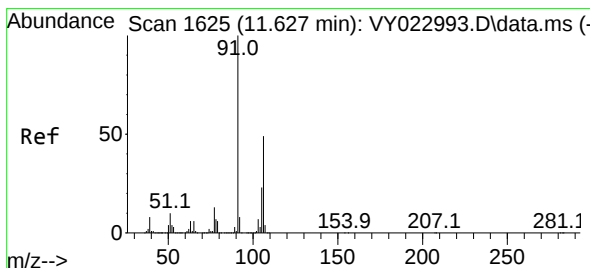
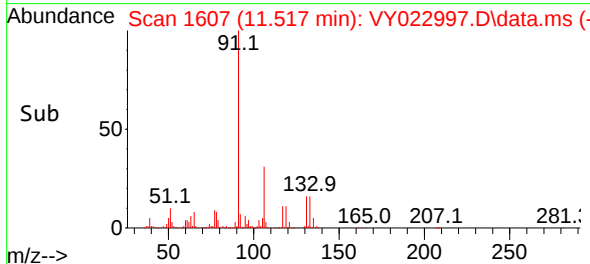
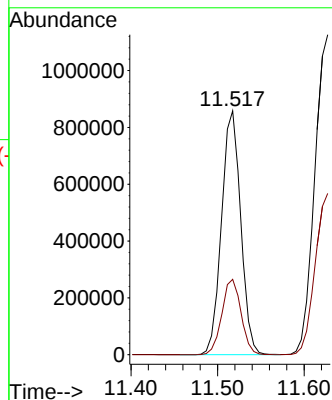
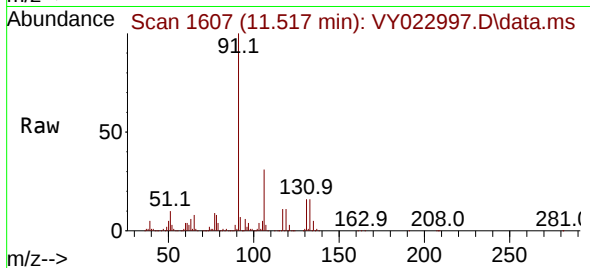
ICVVY071825

Tgt Ion: 91 Resp: 1318781

Ion Ratio Lower Upper

91 100

106 30.9 24.6 37.0



#68

m/p-Xylenes

Concen: 100.584 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022997.D

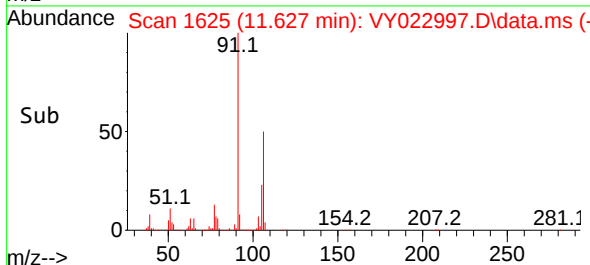
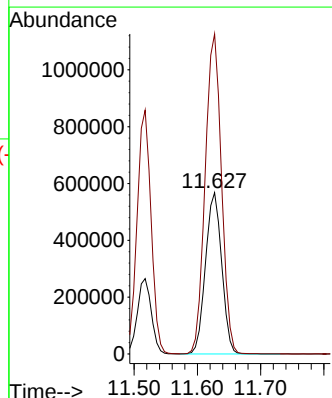
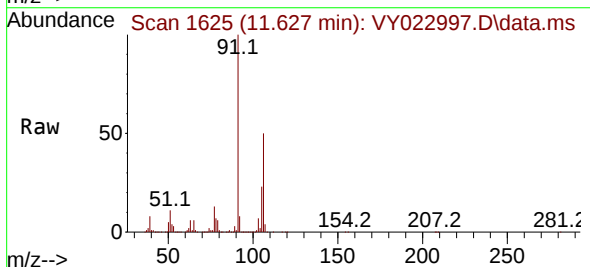
Acq: 18 Jul 2025 14:02

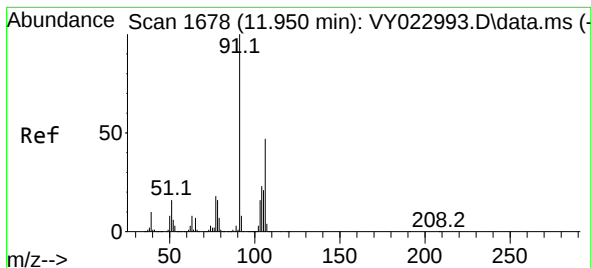
Tgt Ion:106 Resp: 1010405

Ion Ratio Lower Upper

106 100

91 199.9 159.8 239.8





#69

o-Xylene

Concen: 50.815 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

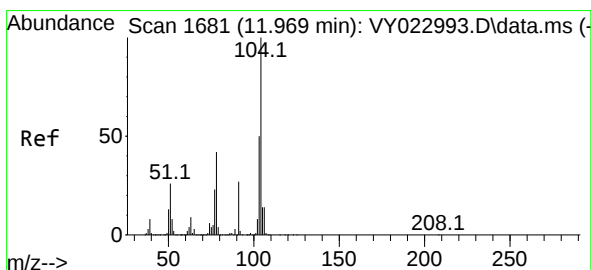
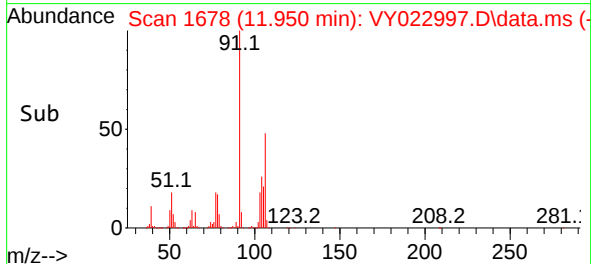
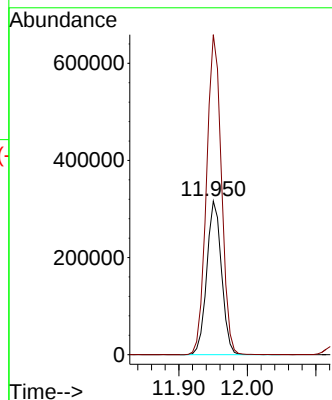
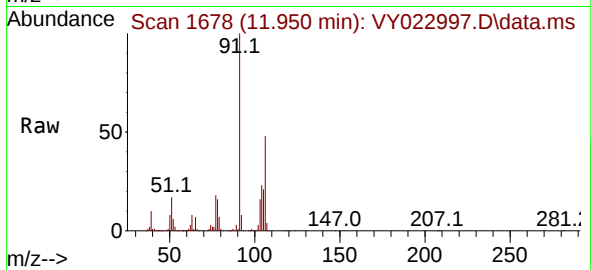
ICVVY071825

Tgt Ion:106 Resp: 473728

Ion Ratio Lower Upper

106 100

91 210.9 106.3 318.8



#70

Styrene

Concen: 50.903 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

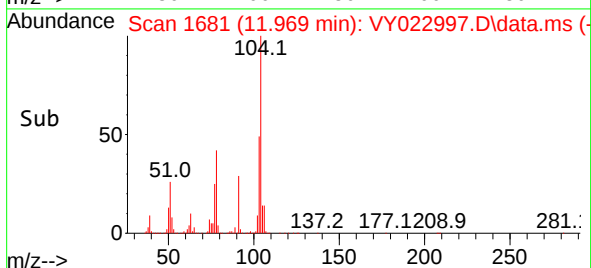
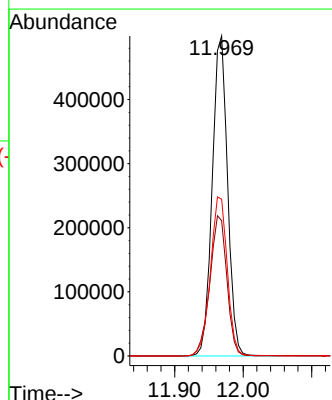
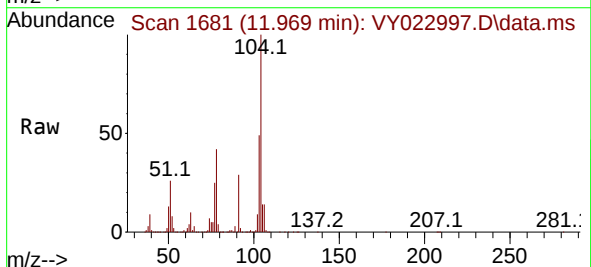
Tgt Ion:104 Resp: 777326

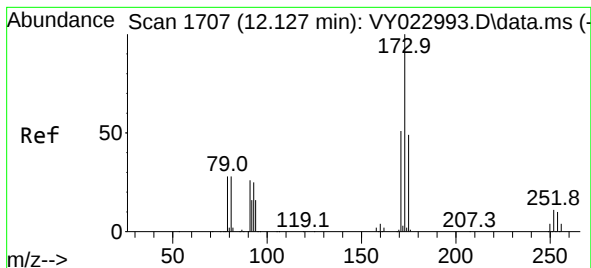
Ion Ratio Lower Upper

104 100

78 48.6 39.0 58.6

103 54.7 43.7 65.5





#71

Bromoform

Concen: 49.825 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071825

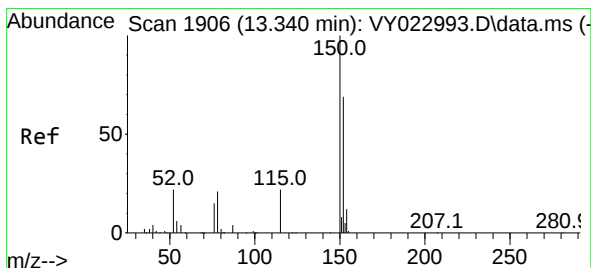
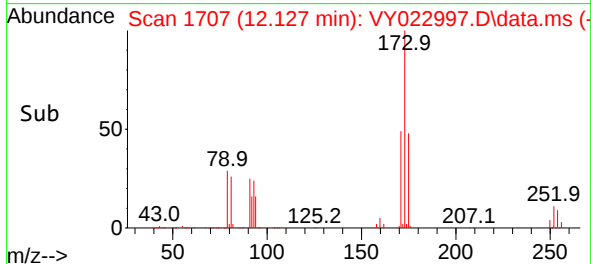
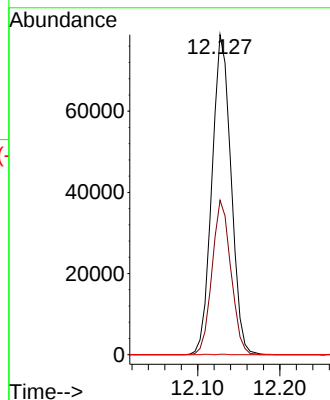
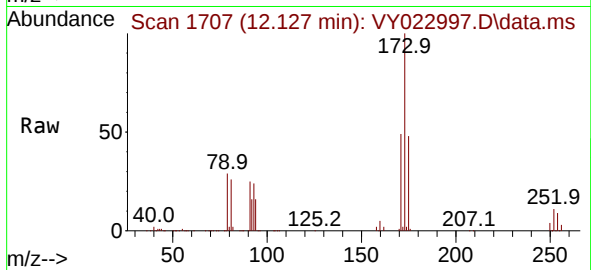
Tgt Ion:173 Resp: 127473

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

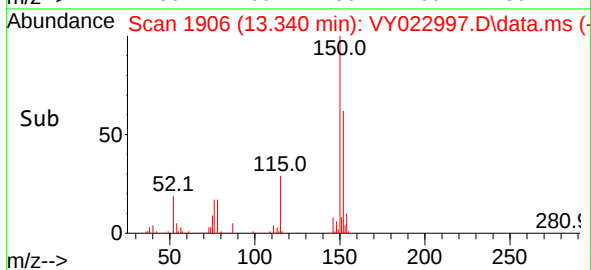
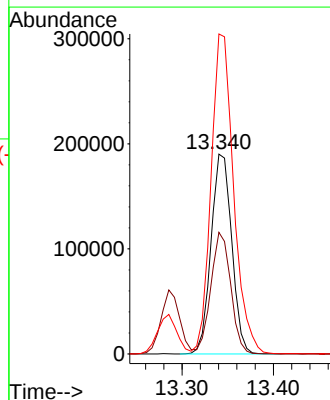
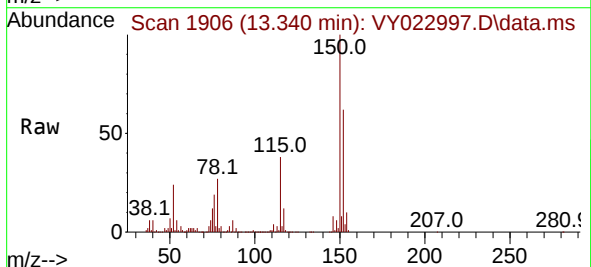
Tgt Ion:152 Resp: 299370

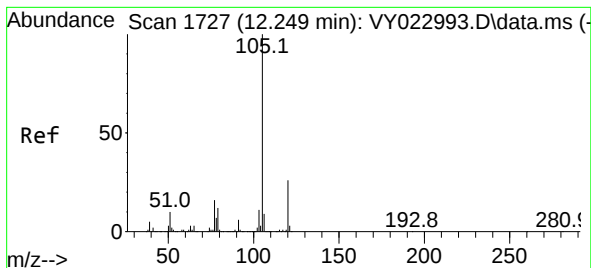
Ion Ratio Lower Upper

152 100

115 58.0 29.4 88.2

150 174.3 0.0 350.0





#73

Isopropylbenzene

Concen: 49.302 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

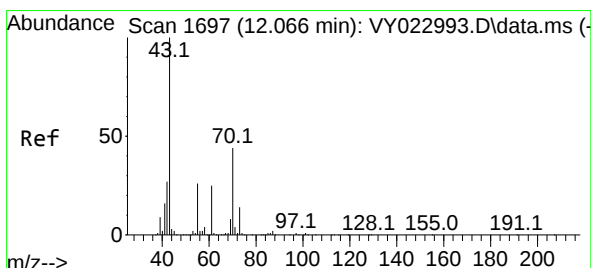
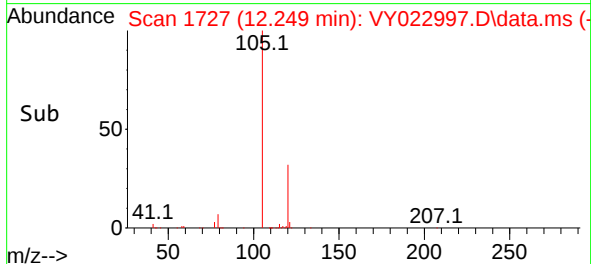
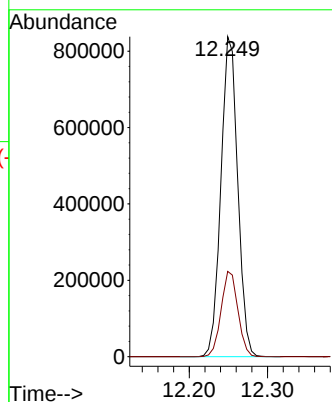
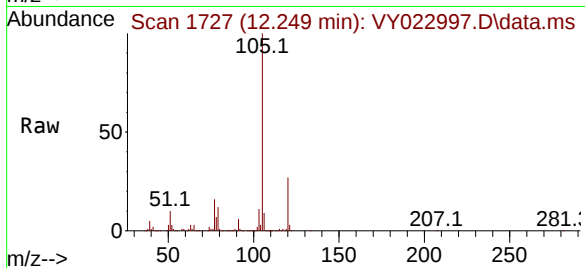
ICVVY071825

Tgt Ion:105 Resp: 1251340

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 52.247 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Tgt Ion: 43 Resp: 250015

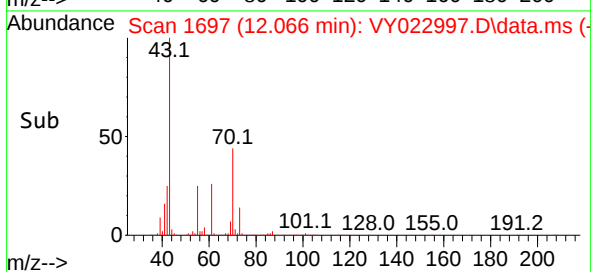
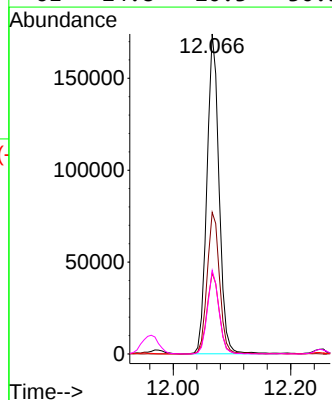
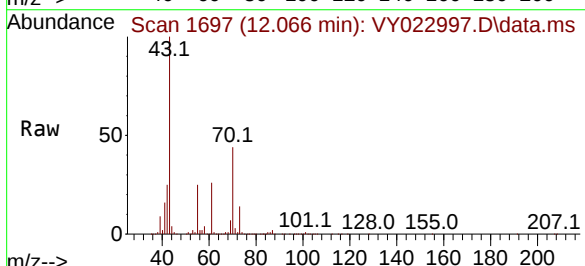
Ion Ratio Lower Upper

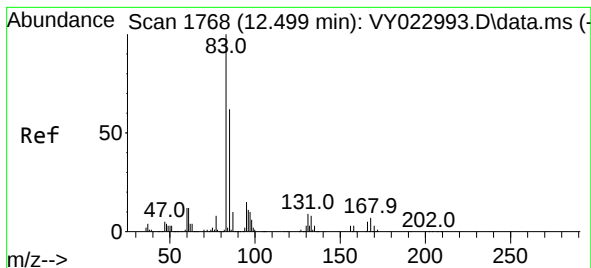
43 100

70 45.1 36.2 54.2

55 25.3 20.9 31.3

61 24.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.985 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071825

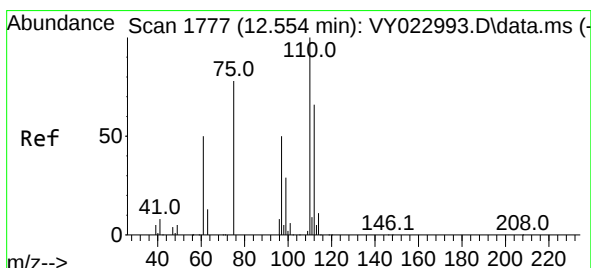
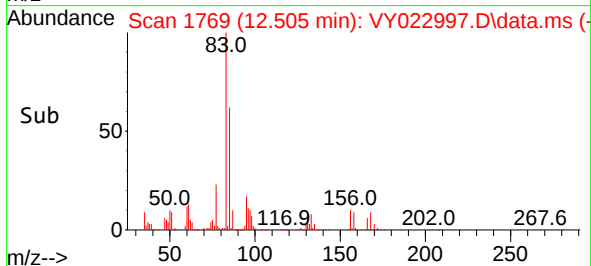
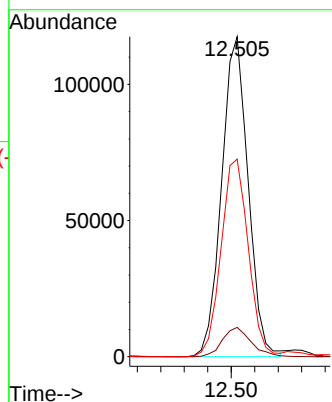
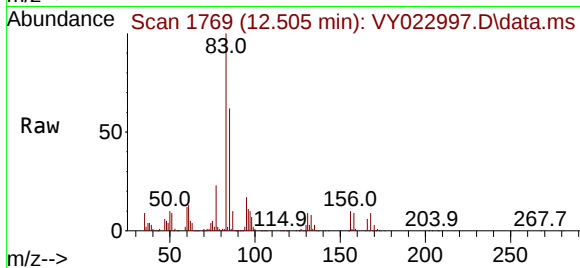
Tgt Ion: 83 Resp: 183595

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 67.812 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022997.D

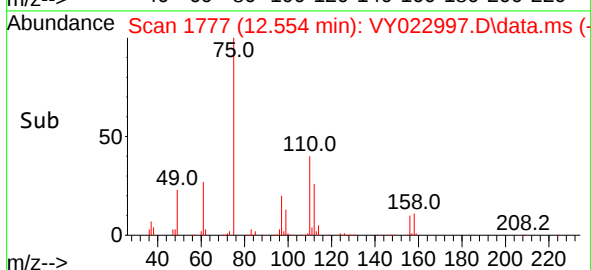
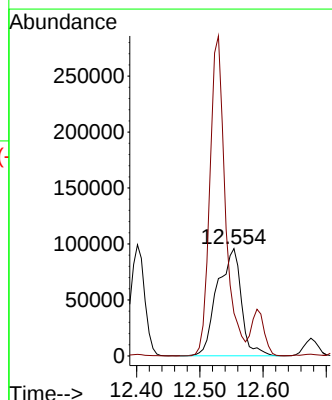
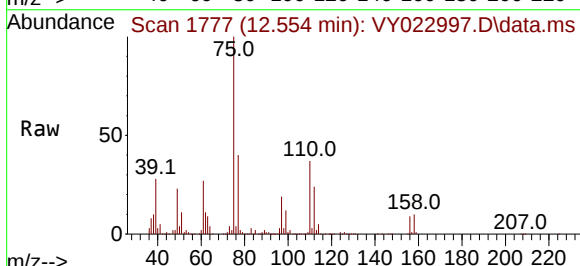
Acq: 18 Jul 2025 14:02

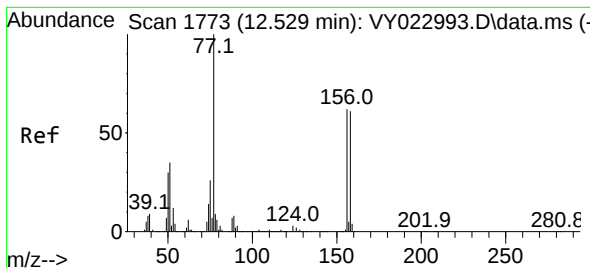
Tgt Ion: 75 Resp: 252964

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.030 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071825

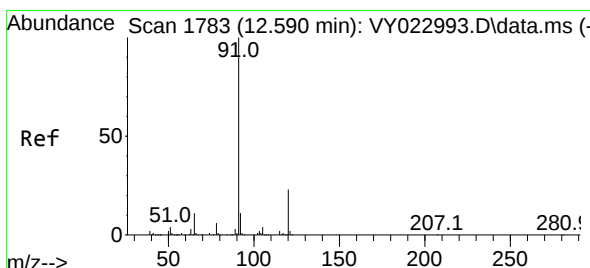
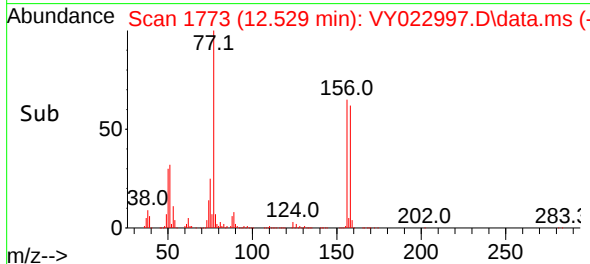
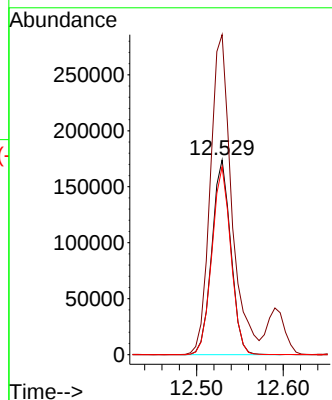
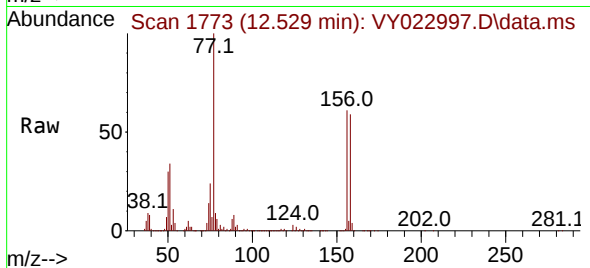
Tgt Ion:156 Resp: 264397

Ion Ratio Lower Upper

156 100

77 185.1 92.0 276.1

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 50.062 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY022997.D

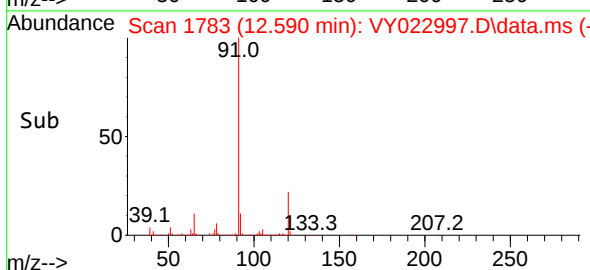
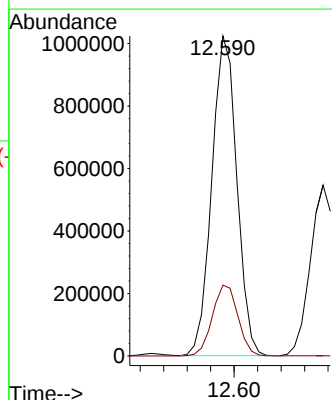
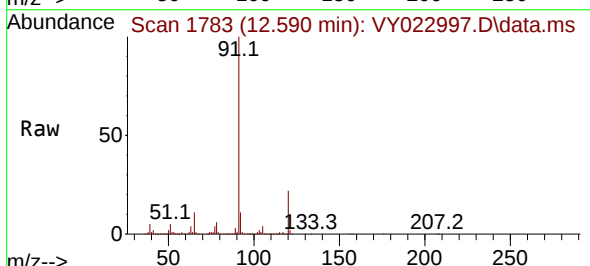
Acq: 18 Jul 2025 14:02

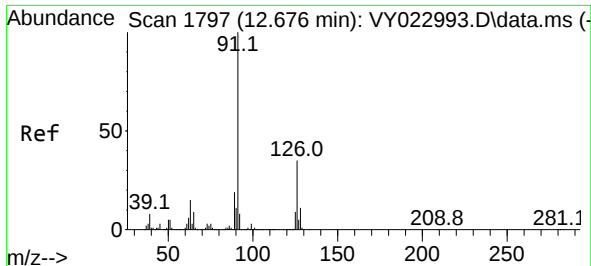
Tgt Ion: 91 Resp: 1513140

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8

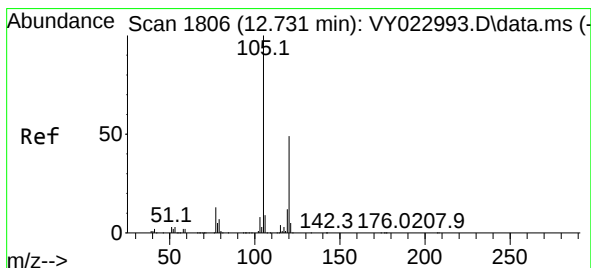
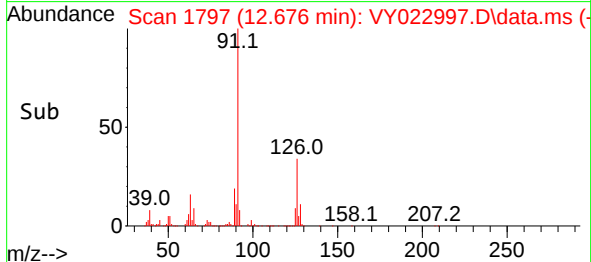
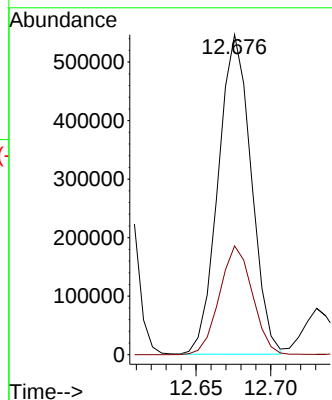
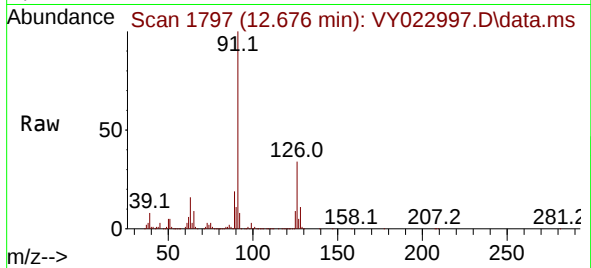




#79
2-Chlorotoluene
Concen: 49.359 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

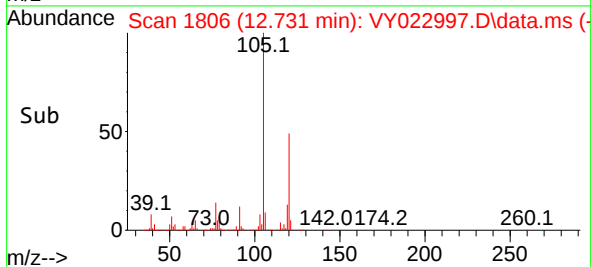
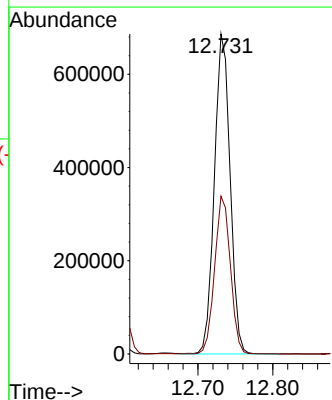
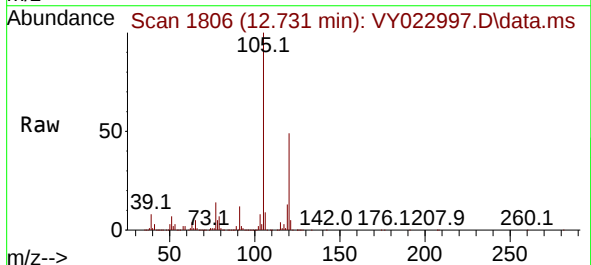
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

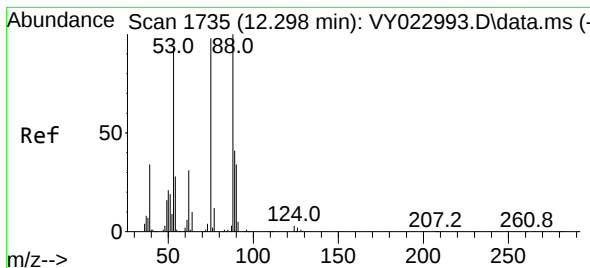
Tgt Ion: 91 Resp: 839059
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 50.127 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 105 Resp: 1003448
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.8

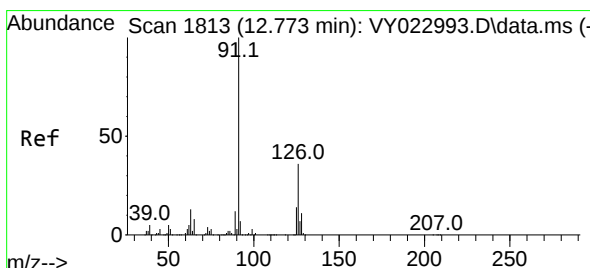
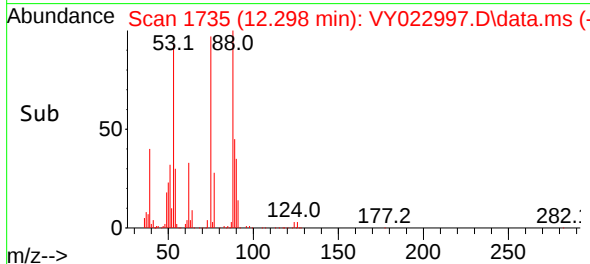
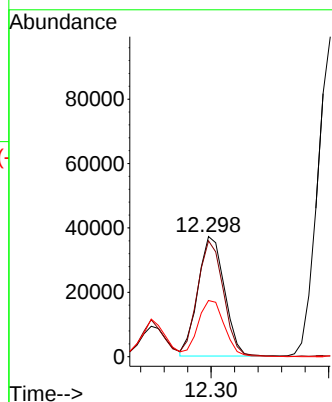
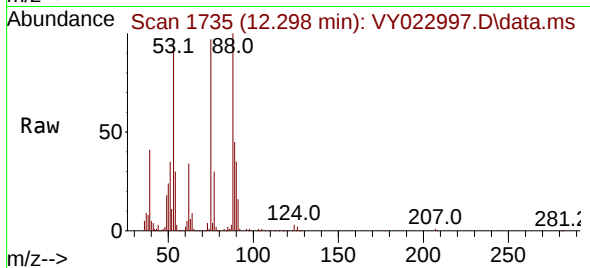




#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.452 ug/l
 RT: 12.298 min Scan# 1735
 Delta R.T. -0.000 min
 Lab File: VY022997.D
 Acq: 18 Jul 2025 14:02

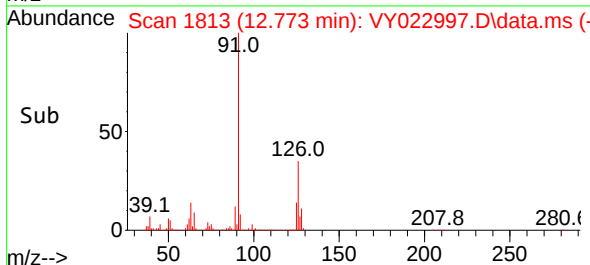
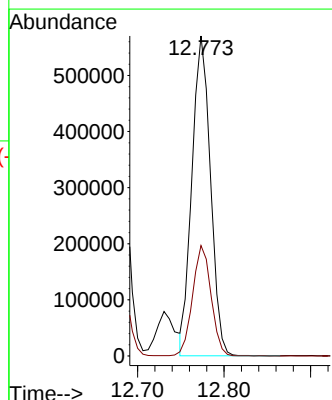
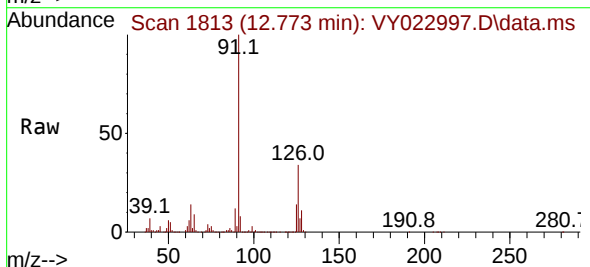
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071825

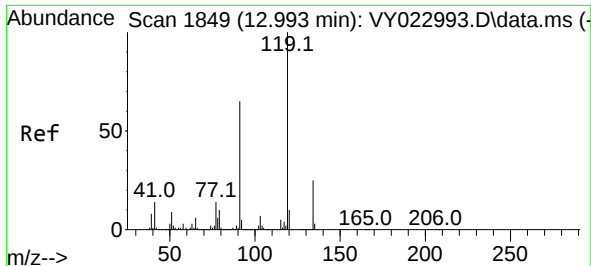
Tgt Ion: 75 Resp: 58179
 Ion Ratio Lower Upper
 75 100
 53 94.8 76.1 114.1
 89 47.5 36.1 54.1



#82
 4-Chlorotoluene
 Concen: 49.261 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VY022997.D
 Acq: 18 Jul 2025 14:02

Tgt Ion: 91 Resp: 844578
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.2 51.5

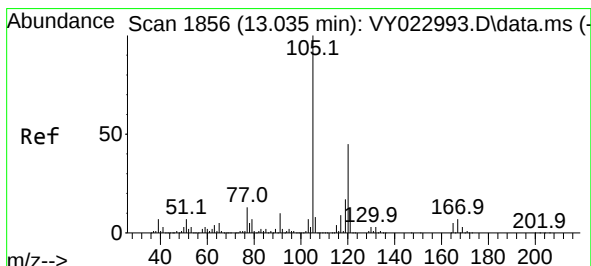
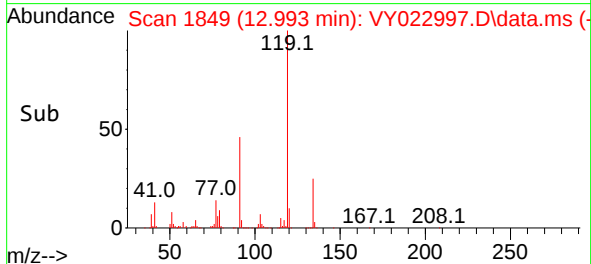
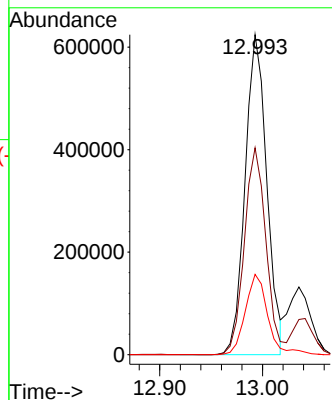
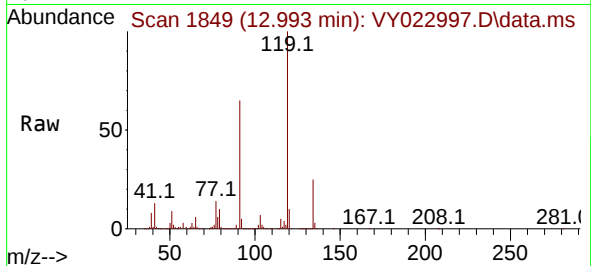




#83
tert-Butylbenzene
Concen: 50.676 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

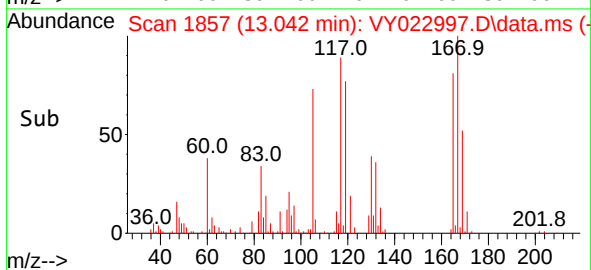
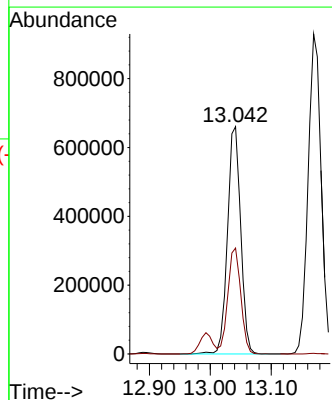
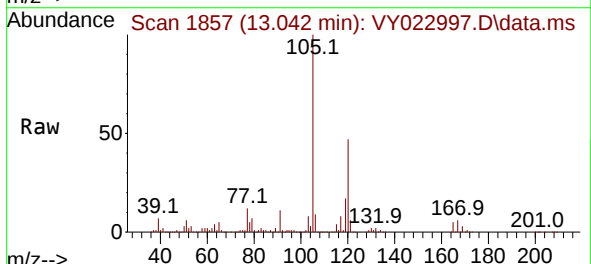
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

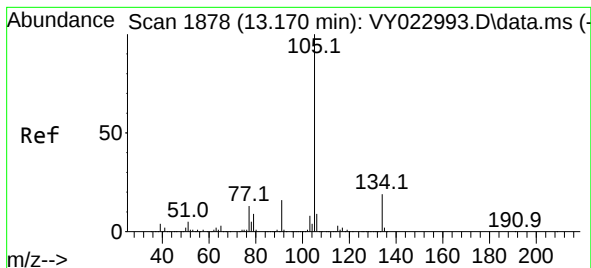
Tgt Ion:119 Resp: 916326
Ion Ratio Lower Upper
119 100
91 64.8 32.0 96.2
134 26.1 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 50.349 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion:105 Resp: 992142
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 50.832 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

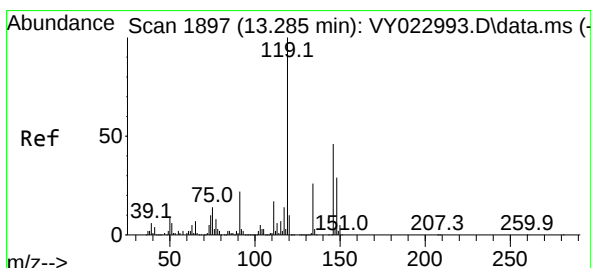
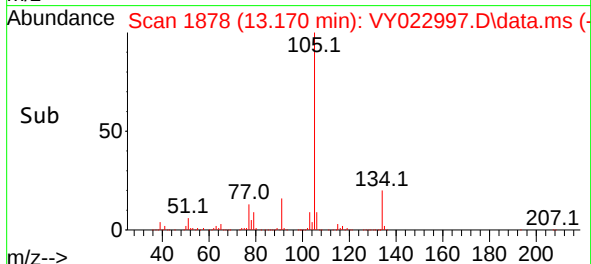
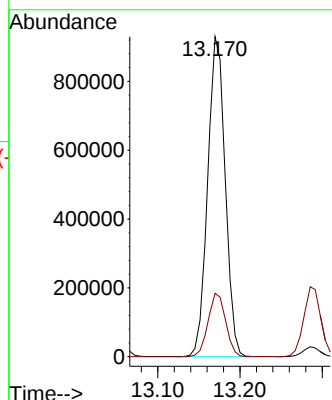
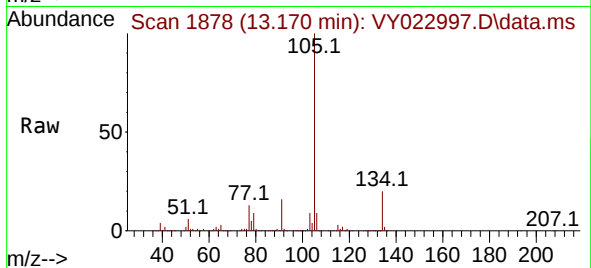
ICVVY071825

Tgt Ion:105 Resp: 1377425

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 51.605 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

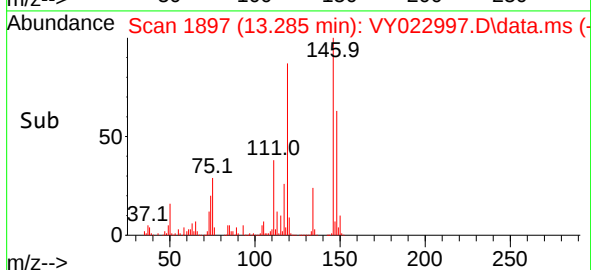
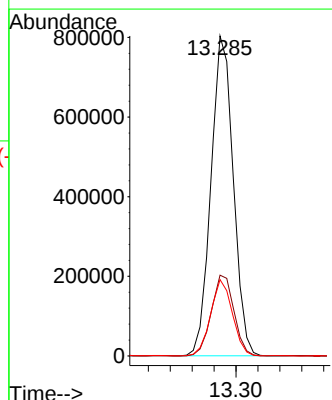
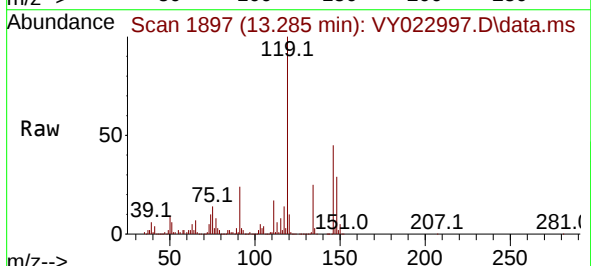
Tgt Ion:119 Resp: 1135708

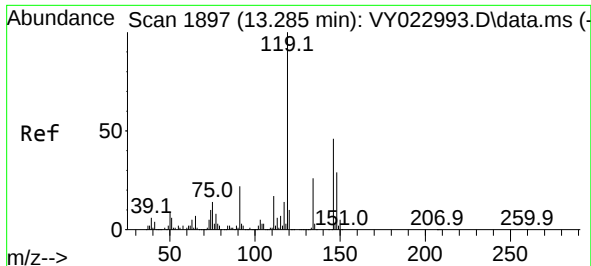
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 23.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.983 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071825

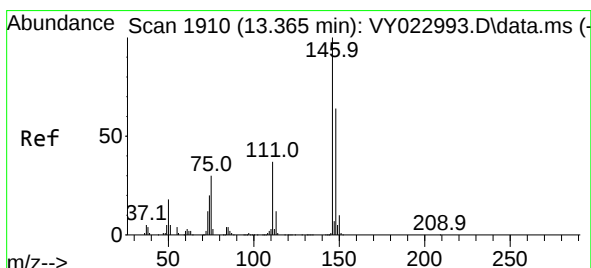
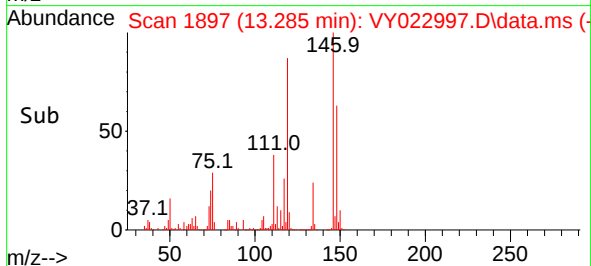
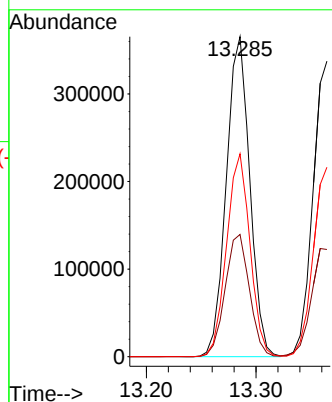
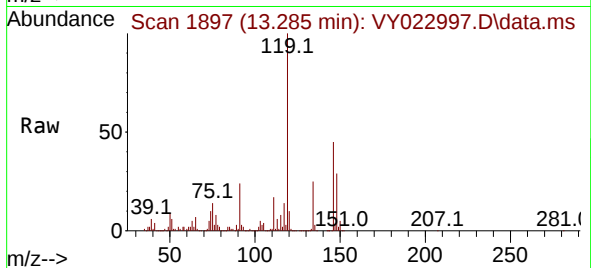
Tgt Ion:146 Resp: 544171

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.3

148 63.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 48.393 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

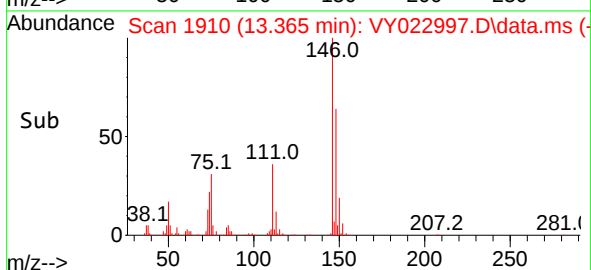
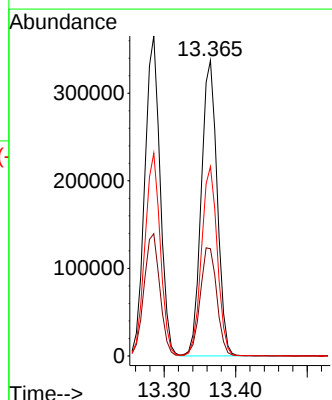
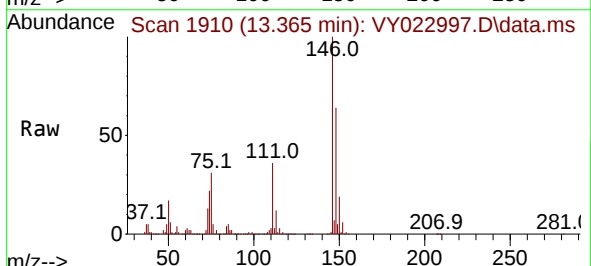
Tgt Ion:146 Resp: 520095

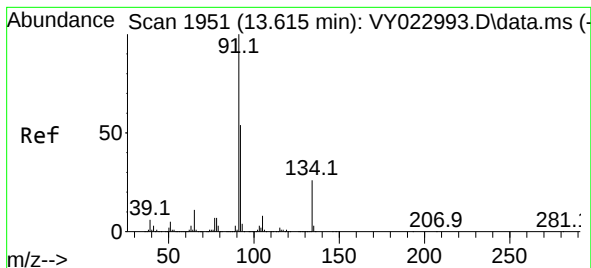
Ion Ratio Lower Upper

146 100

111 38.4 19.2 57.6

148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 51.565 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

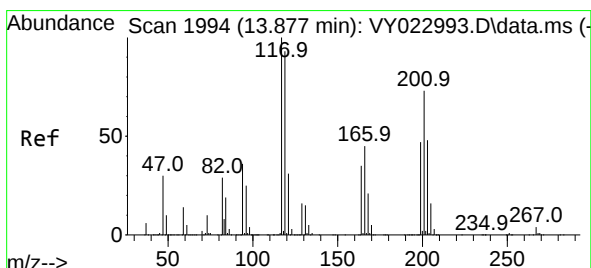
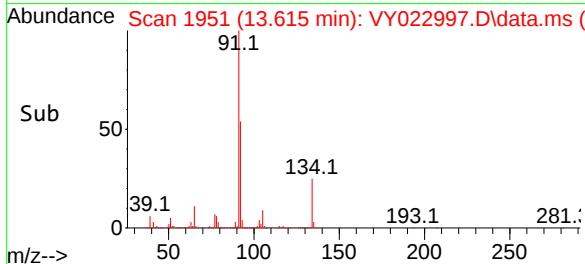
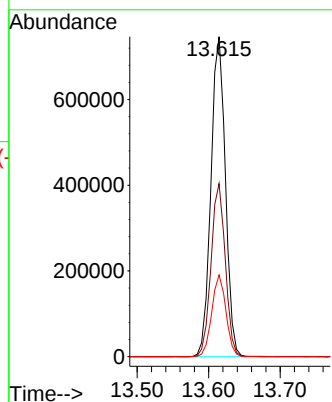
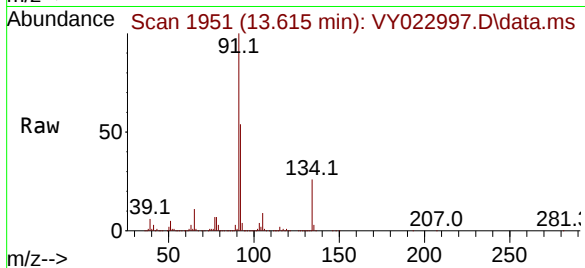
MSVOA_Y

ClientSampleId :

ICVVY071825

Tgt Ion: 91 Resp: 1047169

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.7
134	25.1	12.6	37.6



#90

Hexachloroethane

Concen: 49.436 ug/l

RT: 13.877 min Scan# 1994

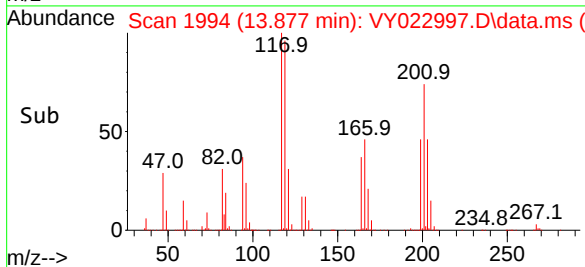
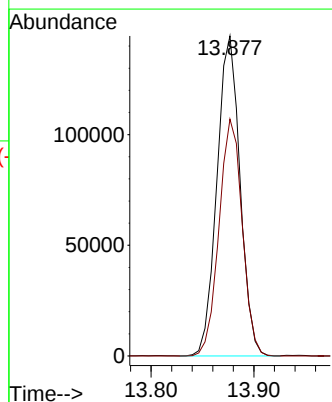
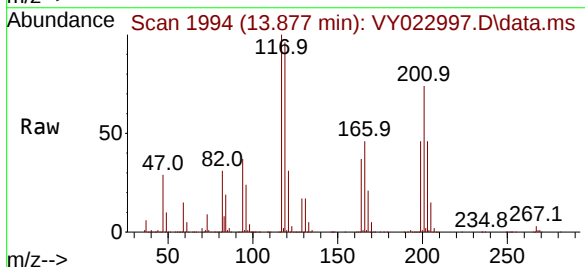
Delta R.T. -0.000 min

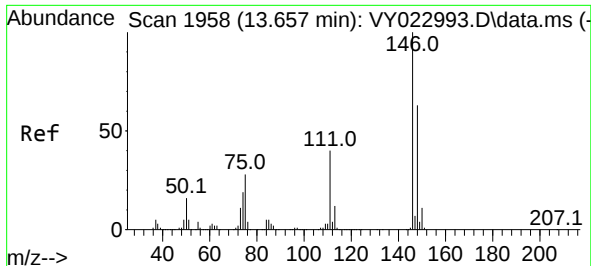
Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Tgt Ion: 117 Resp: 225252

Ion	Ratio	Lower	Upper
117	100		
201	74.3	36.1	108.5

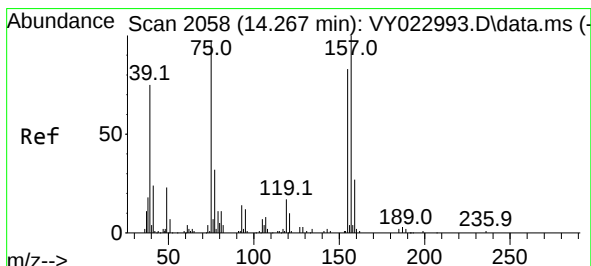
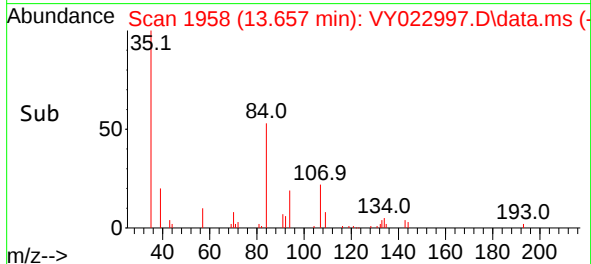
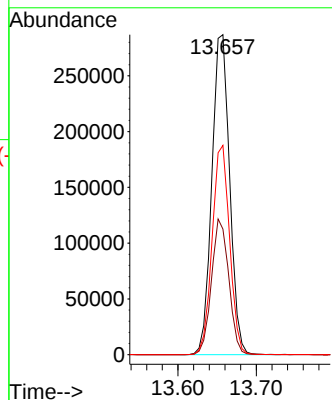
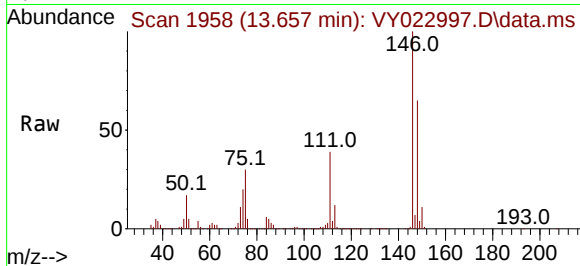




#91
1,2-Dichlorobenzene
Concen: 48.252 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

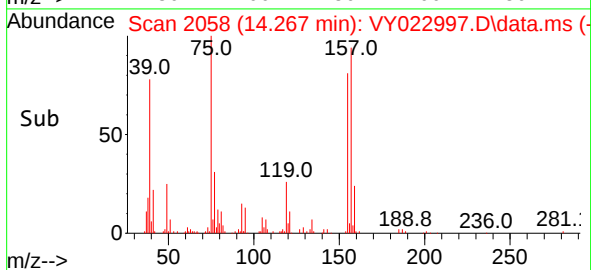
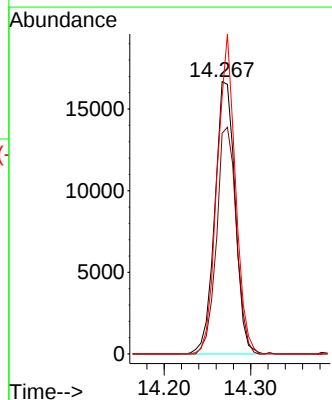
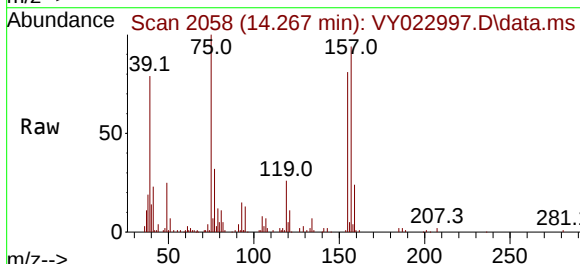
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

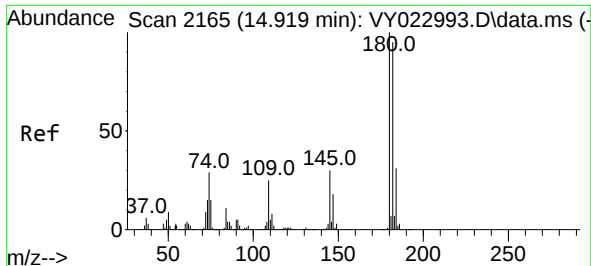
Tgt Ion:146 Resp: 452157
Ion Ratio Lower Upper
146 100
111 41.3 20.3 61.0
148 64.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.725 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion: 75 Resp: 27119
Ion Ratio Lower Upper
75 100
155 81.3 42.8 128.3
157 106.0 54.3 162.9

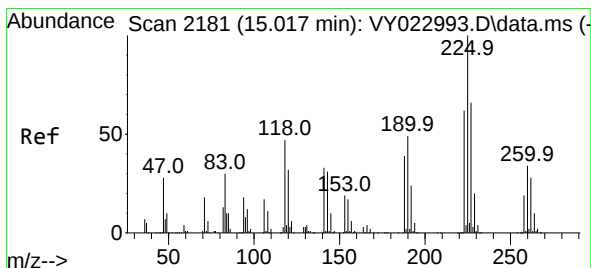
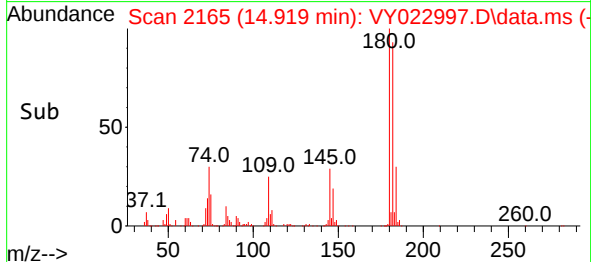
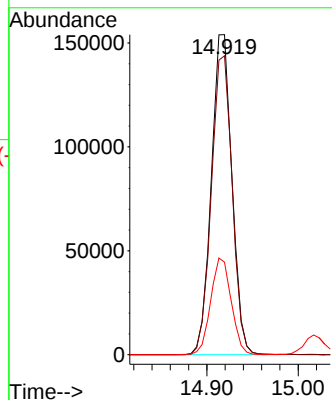
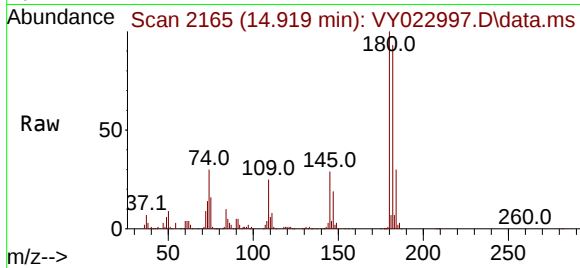




#93
1,2,4-Trichlorobenzene
Concen: 48.859 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

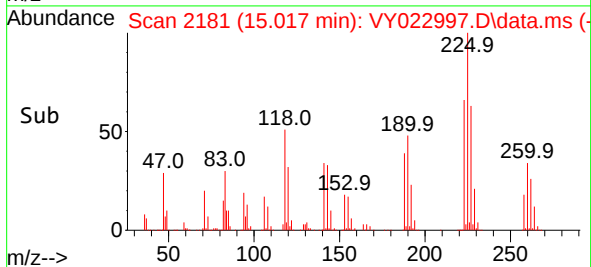
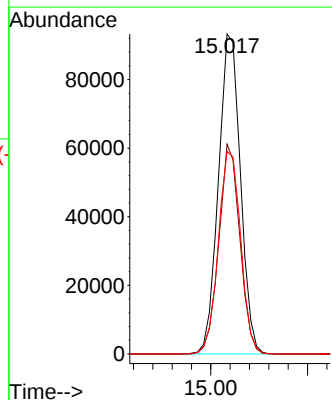
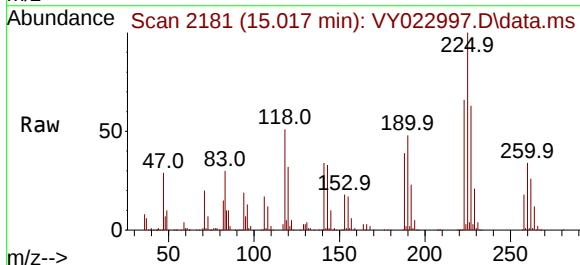
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071825

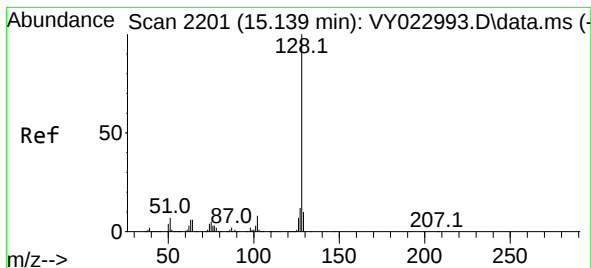
Tgt Ion:180 Resp: 241340
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.5
145 30.1 14.9 44.9



#94
Hexachlorobutadiene
Concen: 47.217 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY022997.D
Acq: 18 Jul 2025 14:02

Tgt Ion:225 Resp: 147040
Ion Ratio Lower Upper
225 100
223 62.6 31.4 94.0
227 64.3 32.1 96.5





#95

Naphthalene

Concen: 51.062 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071825

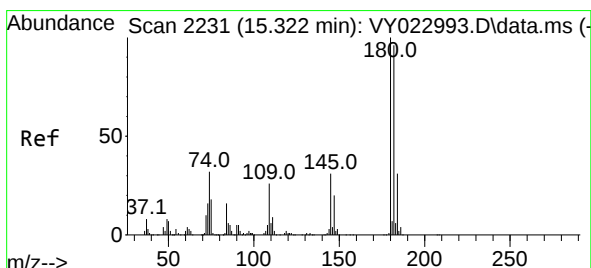
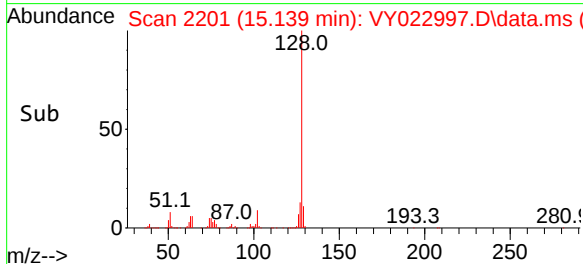
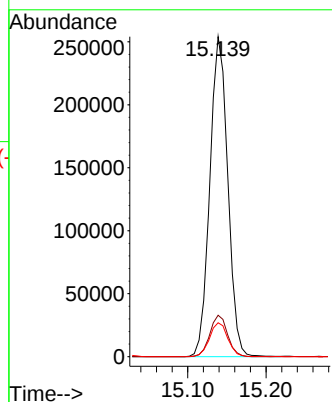
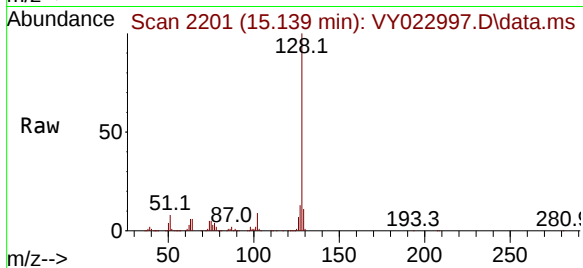
Tgt Ion:128 Resp: 404535

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.924 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY022997.D

Acq: 18 Jul 2025 14:02

Tgt Ion:180 Resp: 199538

Ion Ratio Lower Upper

180 100

182 95.8 47.3 142.0

145 32.3 15.8 47.4

