

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
 Data File : VY023288.D
 Acq On : 04 Sep 2025 16:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 05 04:26:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	448654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	690796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	617140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	333586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	190258	44.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.980%
35) Dibromofluoromethane	7.634	113	209499	50.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.109	98	790637	48.962	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.402	95	259715	50.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	136368	37.237	ug/l	99
3) Chloromethane	2.074	50	242203	40.833	ug/l	99
4) Vinyl Chloride	2.208	62	307519	41.941	ug/l	99
5) Bromomethane	2.598	94	252275	46.070	ug/l	99
6) Chloroethane	2.739	64	225787	46.319	ug/l	97
7) Trichlorofluoromethane	3.056	101	402124	45.103	ug/l	100
8) Diethyl Ether	3.458	74	108742	46.101	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	213240	48.480	ug/l	96
10) Methyl Iodide	4.007	142	254357	53.590	ug/l	100
11) Tert butyl alcohol	4.860	59	66776	227.916	ug/l	99
12) 1,1-Dichloroethene	3.793	96	203741	47.125	ug/l	90
13) Acrolein	3.659	56	15049	35.073	ug/l	97
14) Allyl chloride	4.385	41	270358	42.498	ug/l	97
15) Acrylonitrile	5.061	53	219394	228.784	ug/l	99
16) Acetone	3.873	43	191219	206.418	ug/l	98
17) Carbon Disulfide	4.110	76	596379	42.305	ug/l	100
18) Methyl Acetate	4.391	43	135245	49.060	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	523287	46.708	ug/l	100
20) Methylene Chloride	4.622	84	248972	51.821	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	241273	49.659	ug/l	92
22) Diisopropyl ether	6.019	45	629599	45.544	ug/l	94
23) Vinyl Acetate	5.964	43	1652162	216.141	ug/l	98
24) 1,1-Dichloroethane	5.915	63	402554	47.630	ug/l	98
25) 2-Butanone	6.896	43	267345	212.196	ug/l	94
26) 2,2-Dichloropropane	6.884	77	338155	46.368	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	282229	50.247	ug/l	93
28) Bromochloromethane	7.244	49	156620	46.708	ug/l	89
29) Tetrahydrofuran	7.262	42	169157	216.602	ug/l	96
30) Chloroform	7.427	83	439050	50.370	ug/l	97
31) Cyclohexane	7.701	56	320304	40.216	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	384627	49.730	ug/l	99
36) 1,1-Dichloropropene	7.835	75	297251	48.389	ug/l	98
37) Ethyl Acetate	6.988	43	116966	45.327	ug/l	99
38) Carbon Tetrachloride	7.817	117	344605	51.649	ug/l	97
39) Methylcyclohexane	9.110	83	373855	46.215	ug/l	97
40) Benzene	8.079	78	954074	50.391	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	65245	43.810	ug/l	93
42) 1,2-Dichloroethane	8.158	62	238408	48.415	ug/l	99
43) Isopropyl Acetate	8.201	43	234426	44.947	ug/l #	83
44) Trichloroethene	8.866	130	259951	53.129	ug/l	99
45) 1,2-Dichloropropane	9.140	63	219952	50.489	ug/l	98
46) Dibromomethane	9.231	93	130614	52.236	ug/l	97
47) Bromodichloromethane	9.420	83	335758	52.185	ug/l	97
48) Methyl methacrylate	9.219	41	113335	45.411	ug/l	93
49) 1,4-Dioxane	9.231	88	28081	957.793	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	637691	237.030	ug/l	97
52) Toluene	10.170	92	620509	51.601	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	287399	49.328	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	342348	49.691	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	176557	52.769	ug/l	100
56) Ethyl methacrylate	10.439	69	213898	49.960	ug/l	96
57) 1,3-Dichloropropane	10.719	76	290418	51.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	493832	244.530	ug/l	96
59) 2-Hexanone	10.762	43	427693	233.465	ug/l	98
60) Dibromochloromethane	10.908	129	244369	55.352	ug/l	99
61) 1,2-Dibromoethane	11.018	107	164861	52.424	ug/l	100
64) Tetrachloroethene	10.646	164	302311	54.859	ug/l	98
65) Chlorobenzene	11.438	112	690370	51.862	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	245215	54.277	ug/l	98
67) Ethyl Benzene	11.518	91	1160422	50.655	ug/l	98
68) m/p-Xylenes	11.627	106	931212	104.080	ug/l	96
69) o-Xylene	11.950	106	434190	51.814	ug/l	99
70) Styrene	11.969	104	732735	53.469	ug/l	97
71) Bromoform	12.133	173	146141	55.346	ug/l #	98
73) Isopropylbenzene	12.255	105	1125079	47.786	ug/l	99
74) N-amyl acetate	12.066	43	207146	41.488	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	190300	47.337	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	246326	76.512	ug/l #	100
77) Bromobenzene	12.530	156	280321	49.907	ug/l	93
78) n-propylbenzene	12.597	91	1328563	47.396	ug/l	98
79) 2-Chlorotoluene	12.676	91	763927	47.566	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	918759	48.284	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	58255	43.801	ug/l	98
82) 4-Chlorotoluene	12.773	91	780663	46.856	ug/l	97
83) tert-Butylbenzene	12.993	119	854512	49.722	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	924377	48.801	ug/l	98
85) sec-Butylbenzene	13.176	105	1229909	48.718	ug/l	98
86) p-Isopropyltoluene	13.292	119	1040717	49.664	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	556734	50.262	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	541465	49.278	ug/l	99
89) n-Butylbenzene	13.615	91	914124	47.496	ug/l	99
90) Hexachloroethane	13.877	117	217797	50.772	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	491809	50.627	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28384	45.348	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	290233	50.522	ug/l	98
94) Hexachlorobutadiene	15.023	225	173012	51.252	ug/l	98
95) Naphthalene	15.145	128	488523	49.871	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	254242	51.360	ug/l	99

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QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

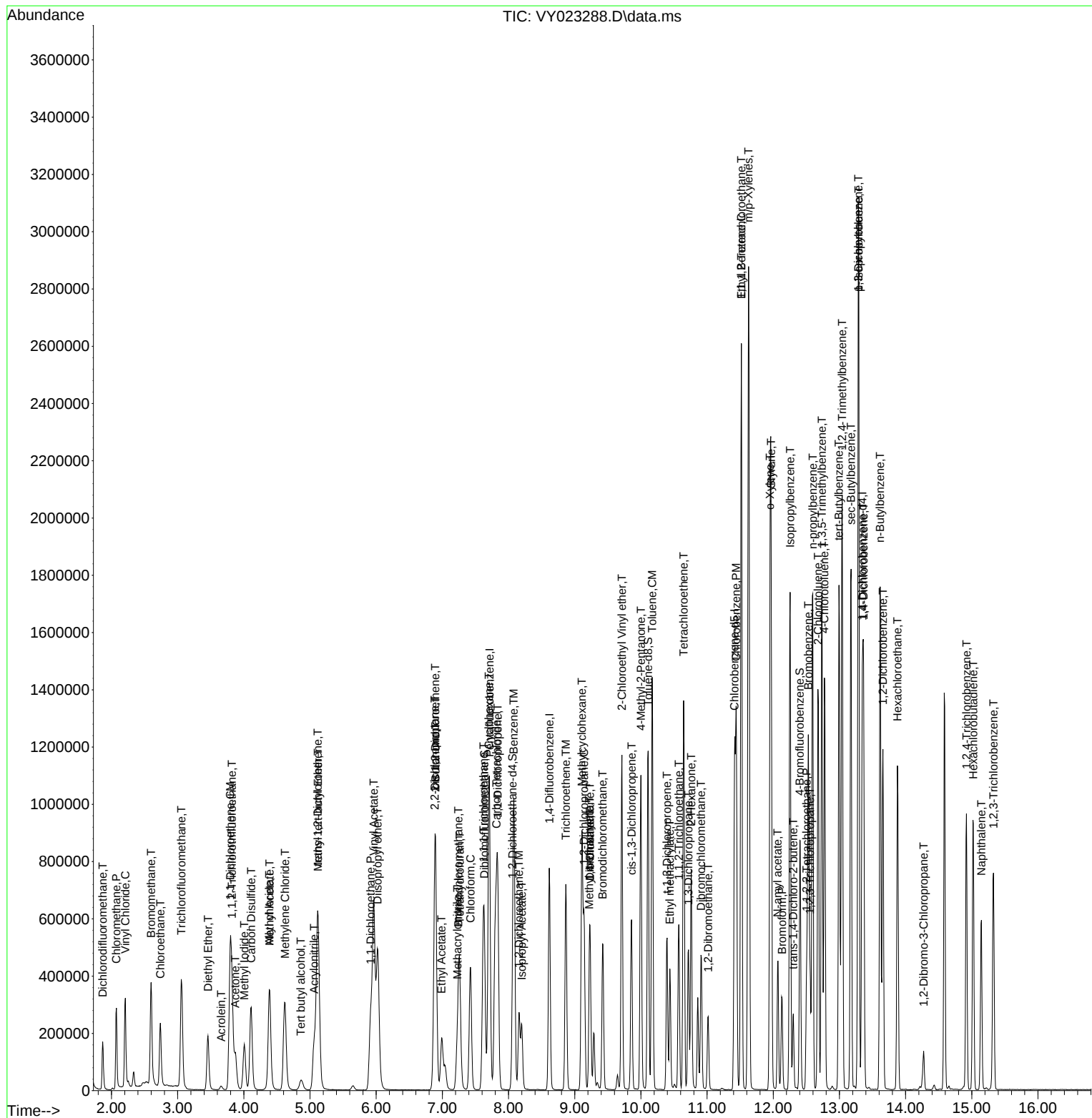
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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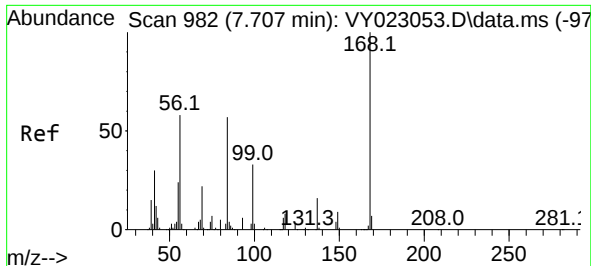
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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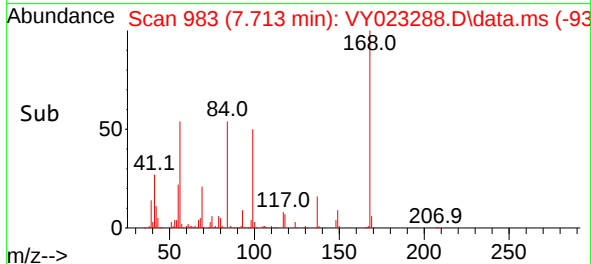
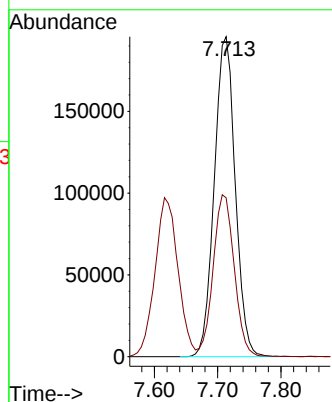
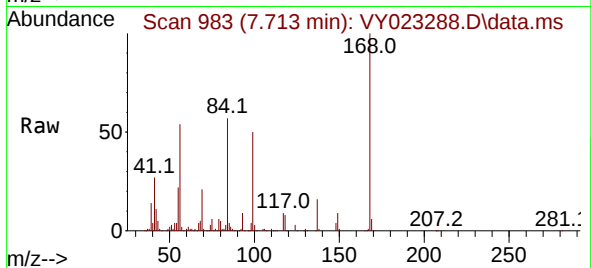




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023288.D
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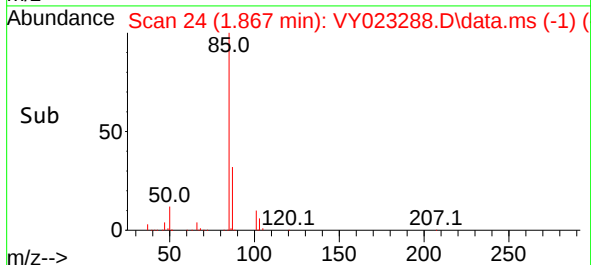
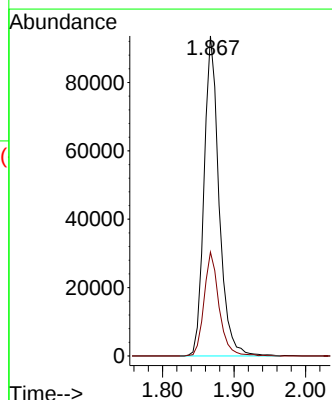
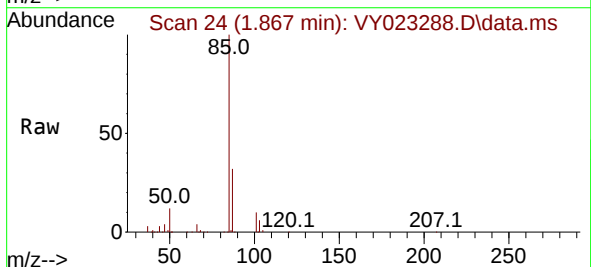
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 448654
Ion Ratio Lower Upper
168 100
99 49.5 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 37.237 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 85 Resp: 136368
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8

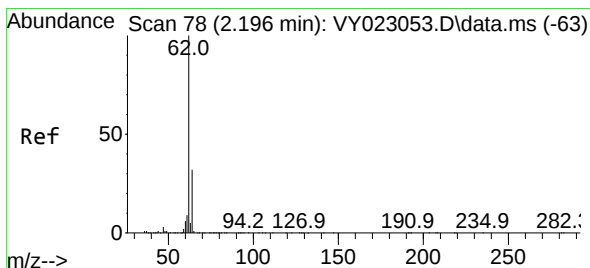
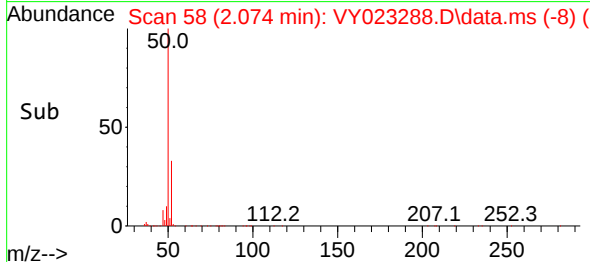
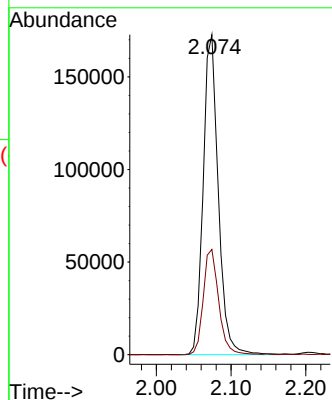
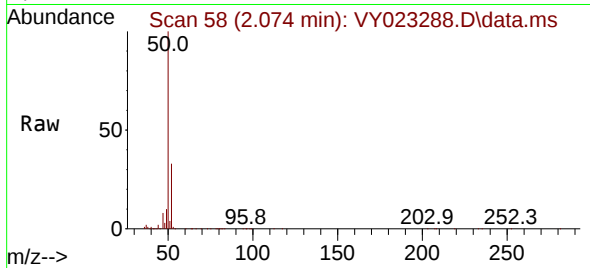




#3
Chloromethane
Concen: 40.833 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

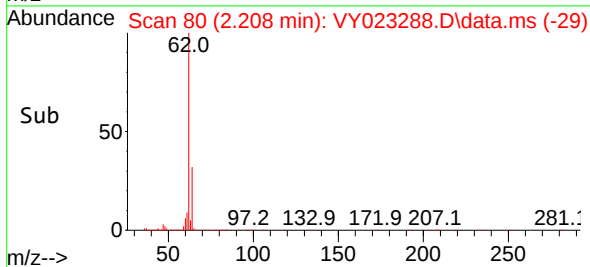
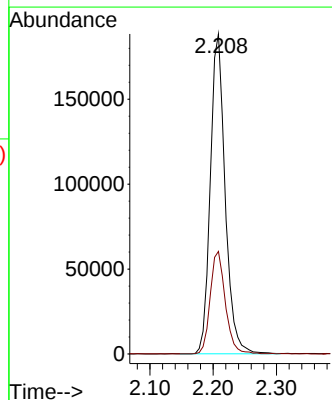
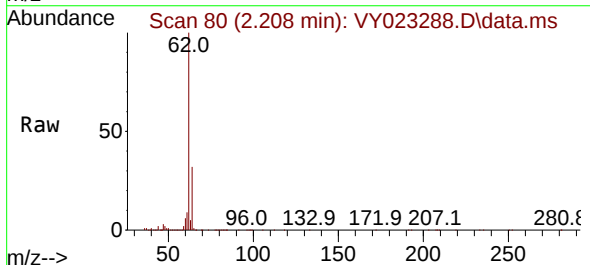
Instrument :
MSVOA_Y
ClientSampleId :

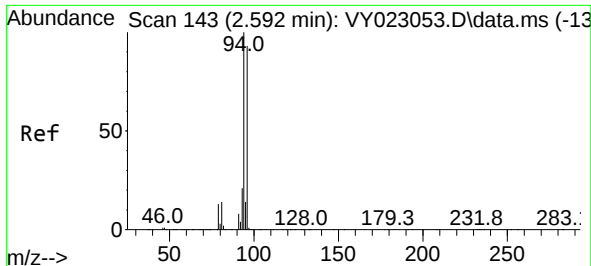
Tgt Ion: 50 Resp: 242203
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 41.941 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 62 Resp: 307519
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0

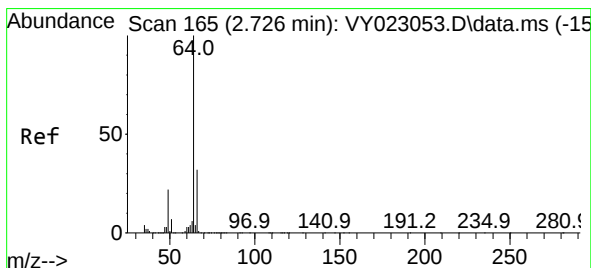
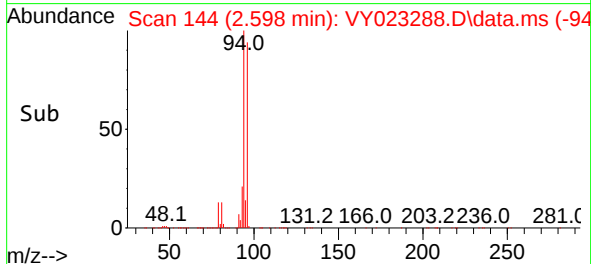
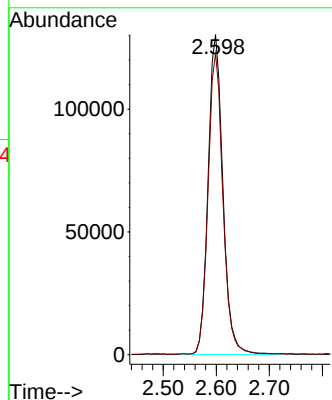
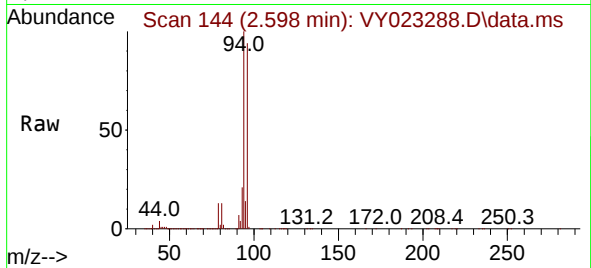




#5
Bromomethane
Concen: 46.070 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

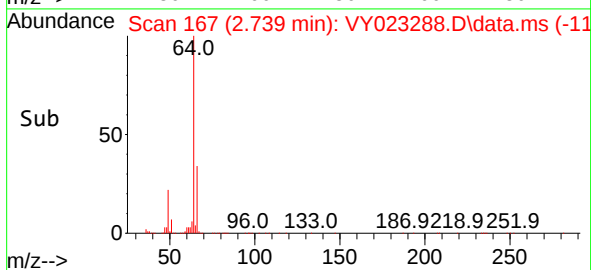
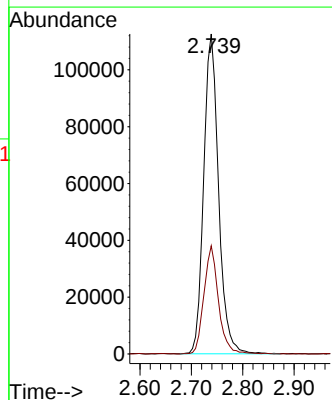
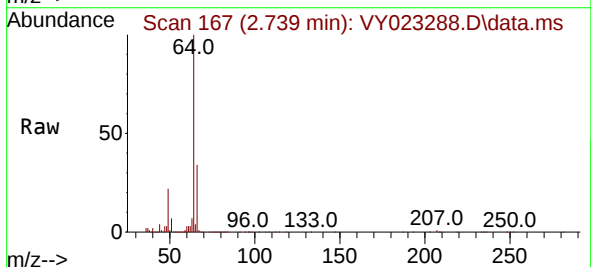
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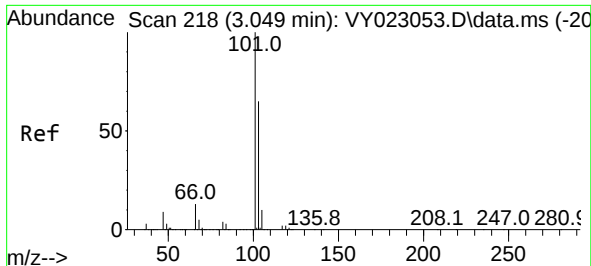
Tgt Ion: 94 Resp: 252275
Ion Ratio Lower Upper
94 100
96 94.0 74.6 112.0



#6
Chloroethane
Concen: 46.319 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

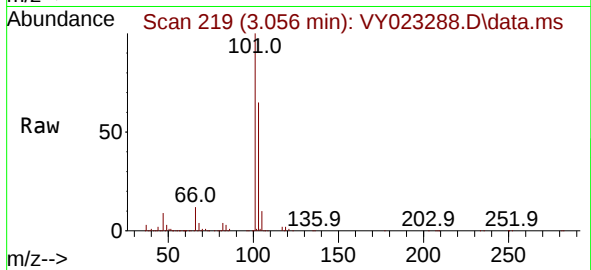
Tgt Ion: 64 Resp: 225787
Ion Ratio Lower Upper
64 100
66 33.8 25.8 38.6



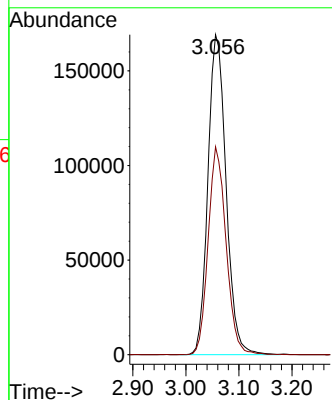
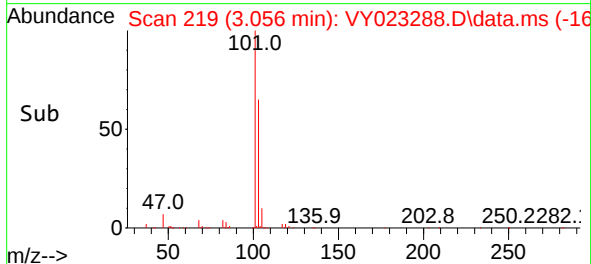


#7
Trichlorofluoromethane
Concen: 45.103 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023288.D
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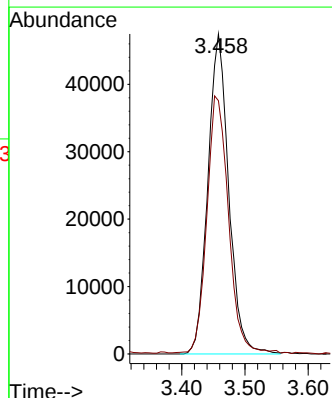
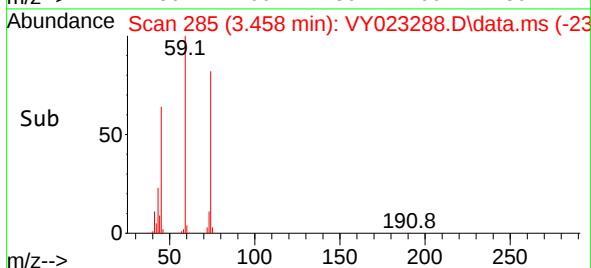
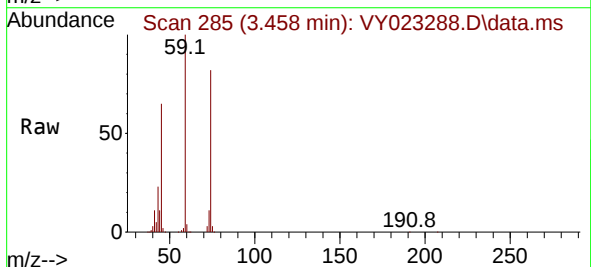


Tgt Ion:101 Resp: 402124
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9



#8
Diethyl Ether
Concen: 46.101 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 74 Resp: 108742
Ion Ratio Lower Upper
74 100
45 83.9 44.4 133.2

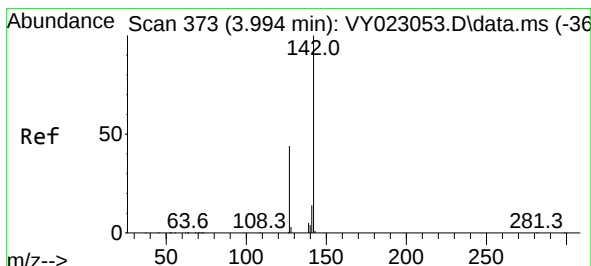
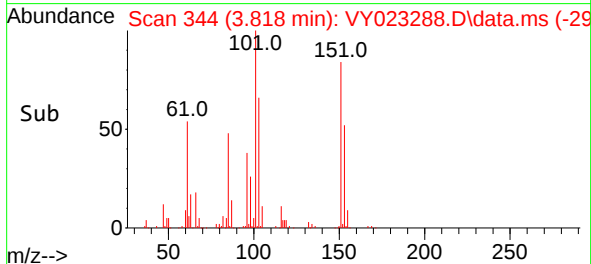
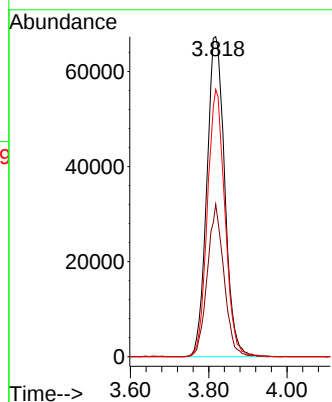
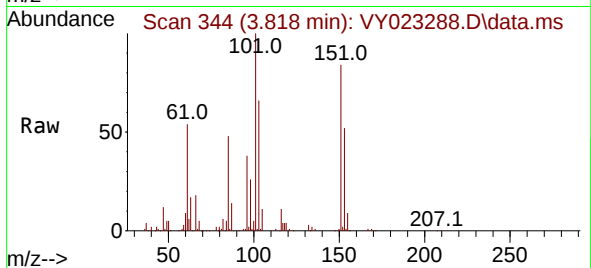




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.480 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023288.D
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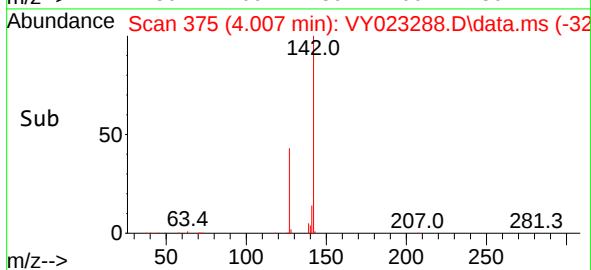
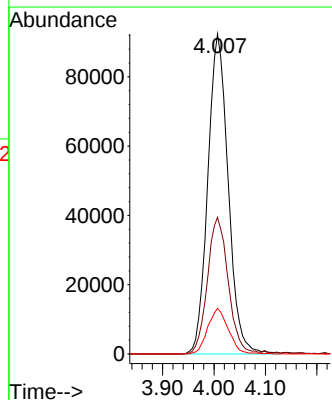
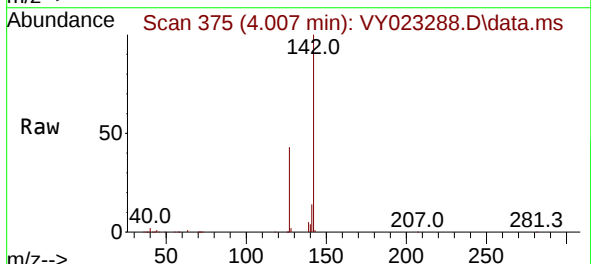
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 213240
Ion Ratio Lower Upper
101 100
85 44.3 36.3 54.5
151 81.7 61.5 92.3



#10
Methyl Iodide
Concen: 53.590 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

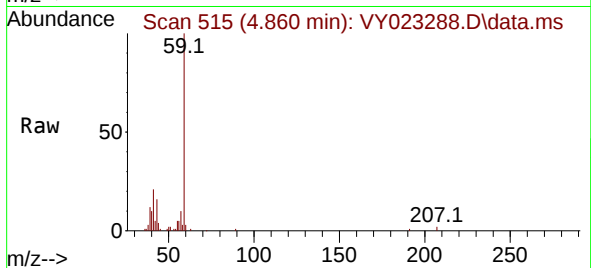
Tgt Ion:142 Resp: 254357
Ion Ratio Lower Upper
142 100
127 43.8 34.9 52.3
141 14.4 11.3 16.9



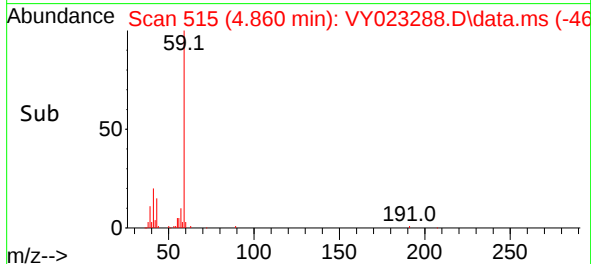
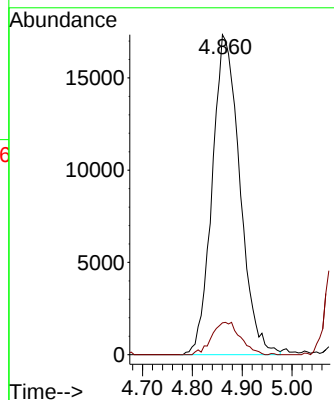


#11
Tert butyl alcohol
Concen: 227.916 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

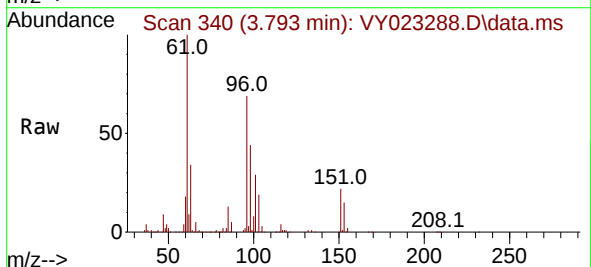
Instrument :
MSVOA_Y
ClientSampleId :



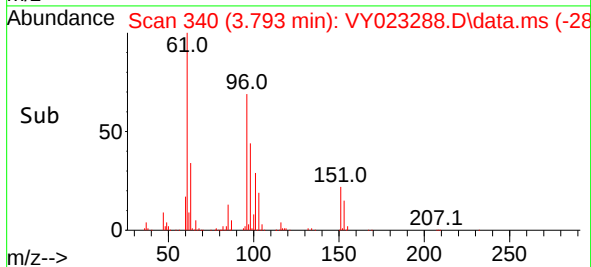
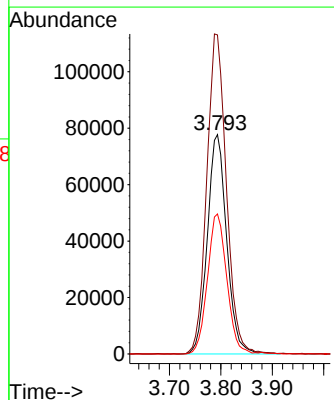
Tgt Ion: 59 Resp: 66776
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0

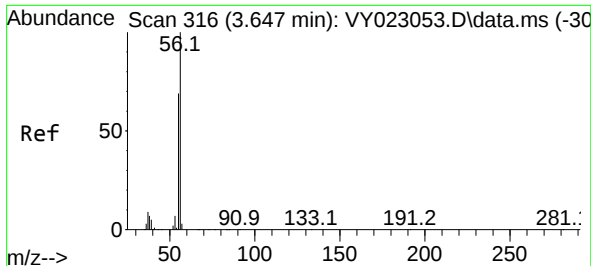


#12
1,1-Dichloroethene
Concen: 47.125 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



Tgt Ion: 96 Resp: 203741
Ion Ratio Lower Upper
96 100
61 145.5 129.4 194.2
98 63.8 52.8 79.2

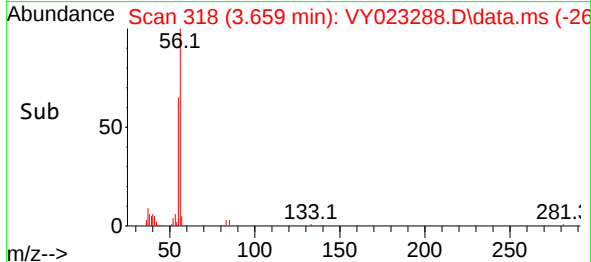
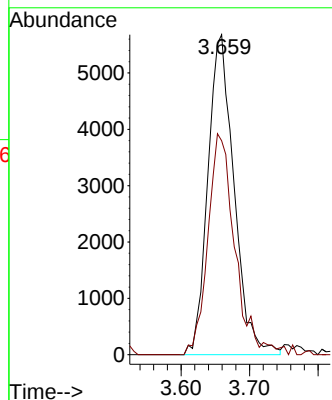
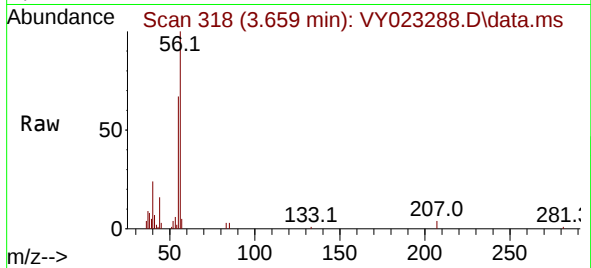




#13
Acrolein
Concen: 35.073 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

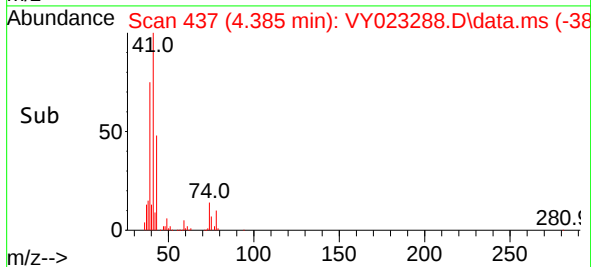
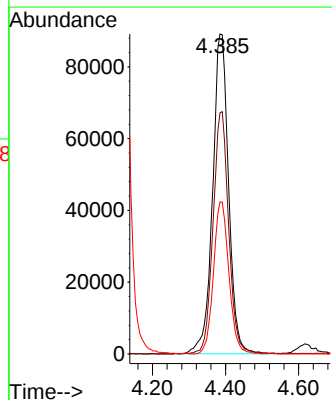
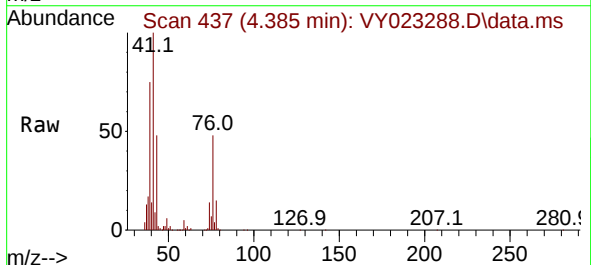
Instrument :
MSVOA_Y
ClientSampleId :

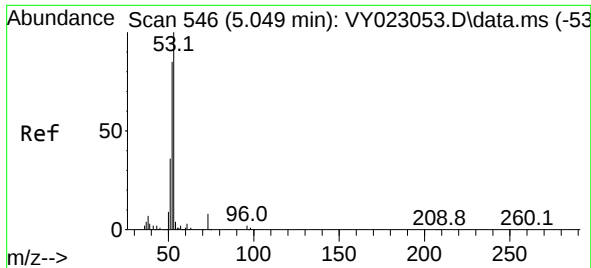
Tgt Ion: 56 Resp: 15049
Ion Ratio Lower Upper
56 100
55 71.2 55.2 82.8



#14
Allyl chloride
Concen: 42.498 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

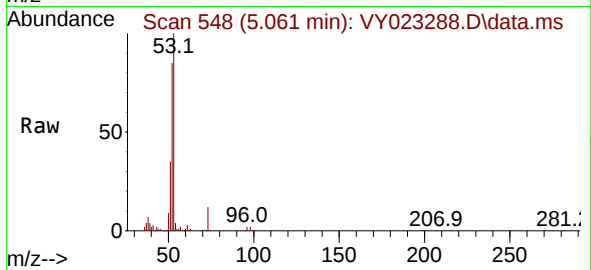
Tgt Ion: 41 Resp: 270358
Ion Ratio Lower Upper
41 100
39 74.2 59.8 89.6
76 45.9 33.7 50.5



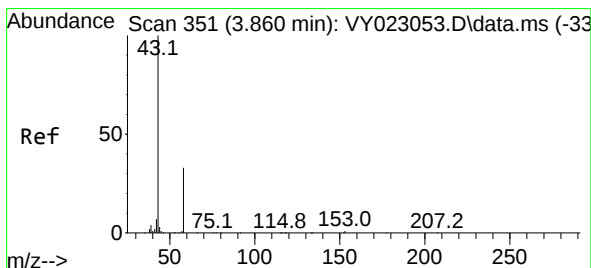
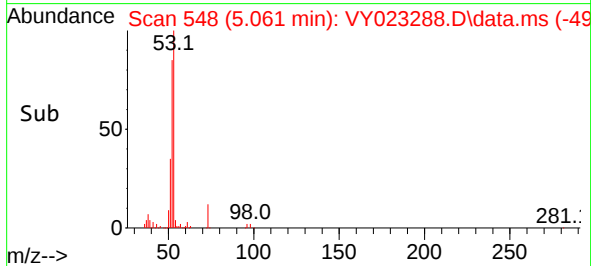
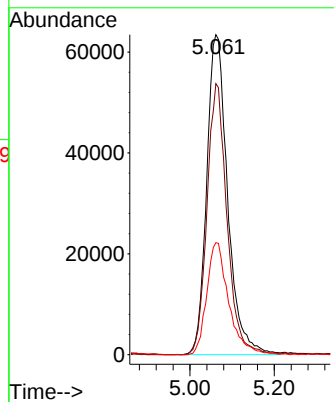


#15
Acrylonitrile
Concen: 228.784 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :

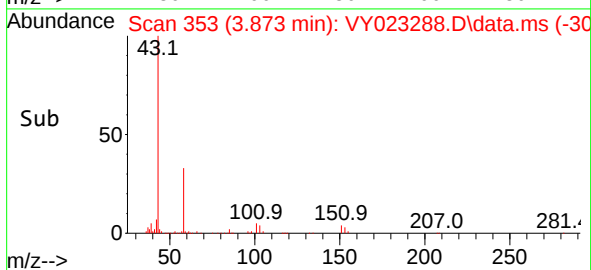
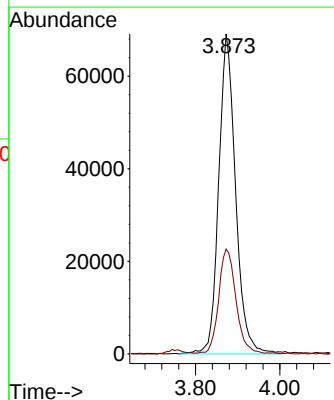
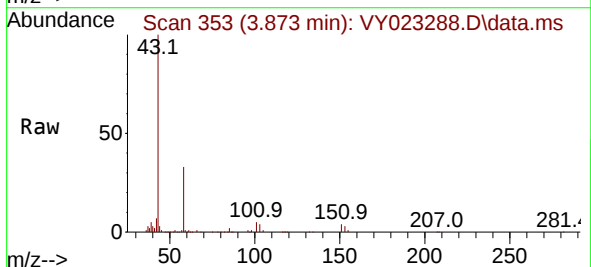


Tgt Ion: 53 Resp: 219394
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 36.7 29.5 44.3



#16
Acetone
Concen: 206.418 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 43 Resp: 191219
Ion Ratio Lower Upper
43 100
58 32.7 27.1 40.7

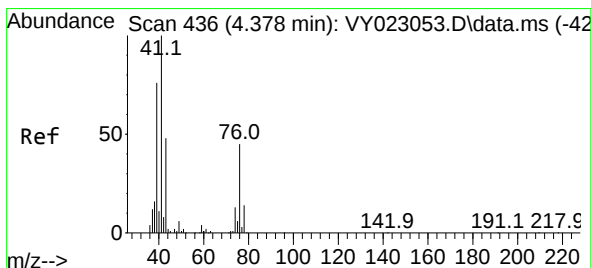
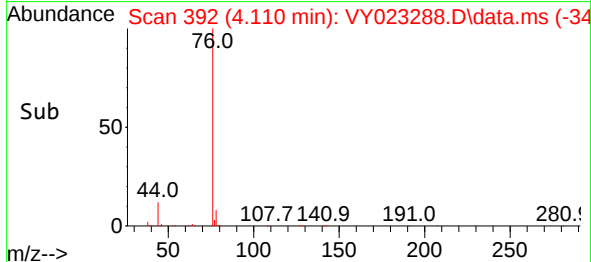
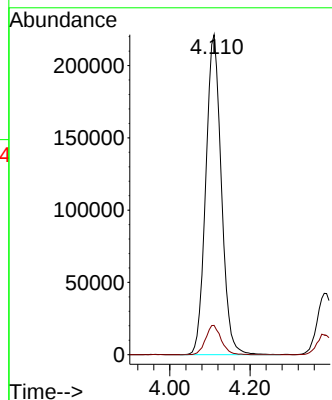
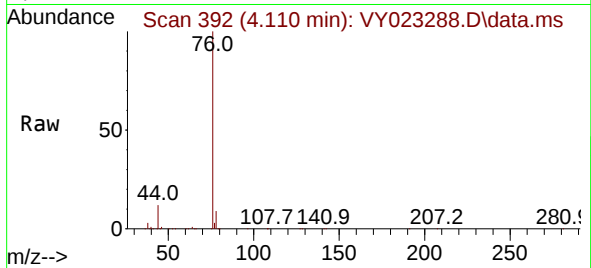




#17
Carbon Disulfide
Concen: 42.305 ug/l
RT: 4.110 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

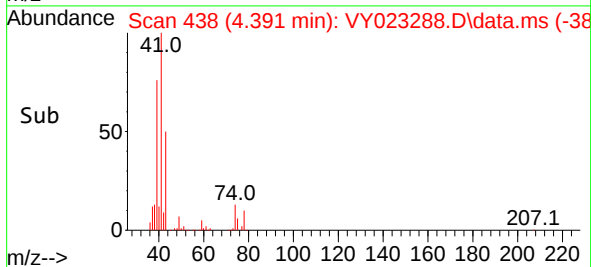
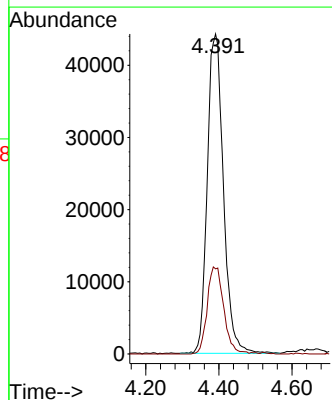
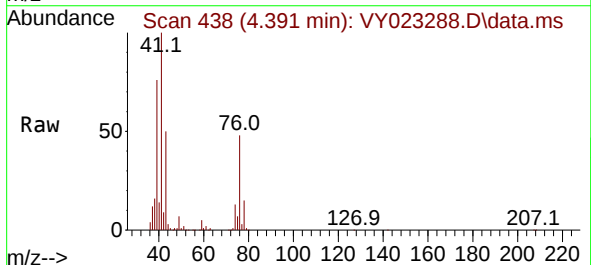
Instrument :
MSVOA_Y
ClientSampleId :

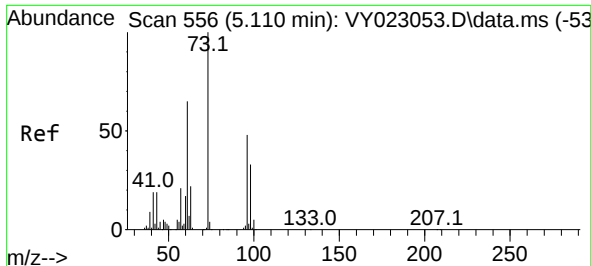
Tgt Ion: 76 Resp: 596379
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 49.060 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 43 Resp: 135245
Ion Ratio Lower Upper
43 100
74 27.9 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 46.708 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

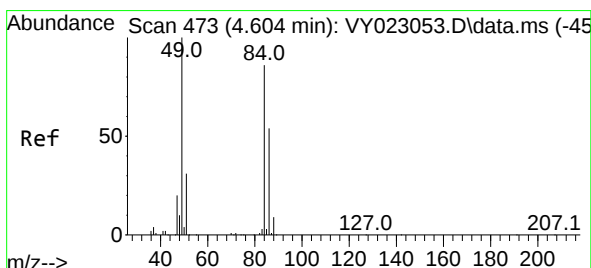
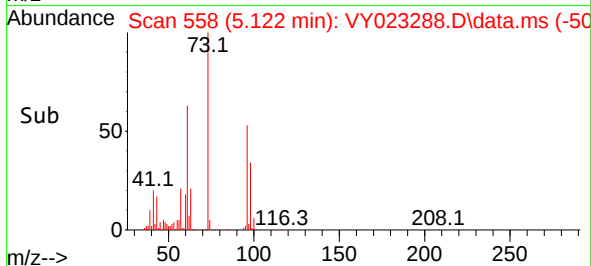
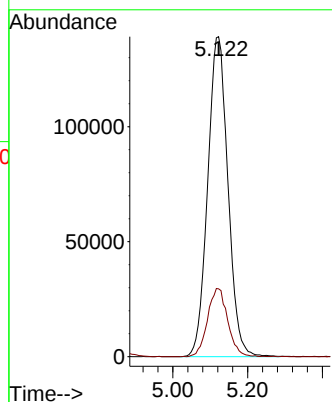
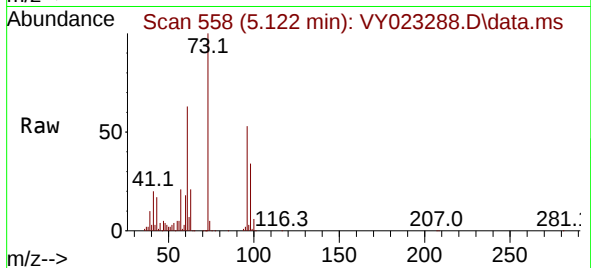
ClientSampleId :

Tgt Ion: 73 Resp: 523287

Ion Ratio Lower Upper

73 100

57 21.2 17.1 25.7



#20

Methylene Chloride

Concen: 51.821 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Tgt Ion: 84 Resp: 248972

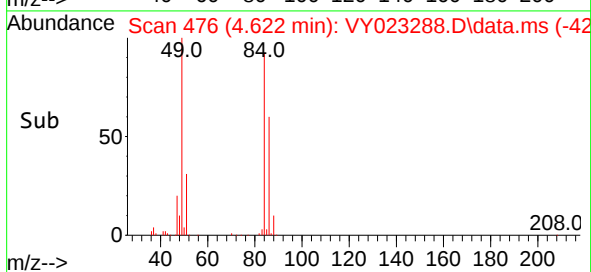
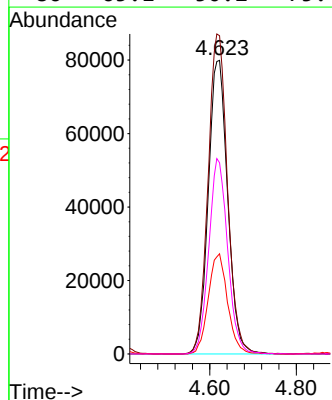
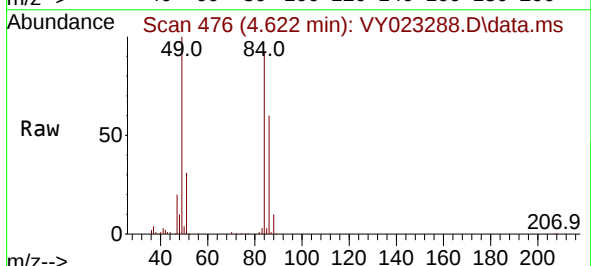
Ion Ratio Lower Upper

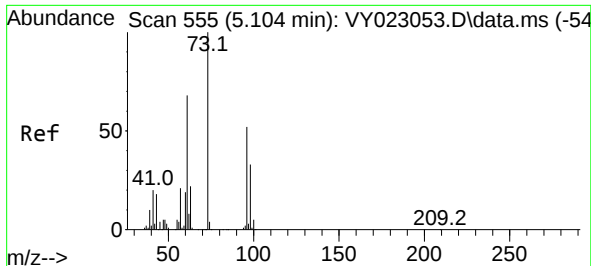
84 100

49 108.4 93.0 139.6

51 34.1 29.0 43.4

86 65.1 50.2 75.4

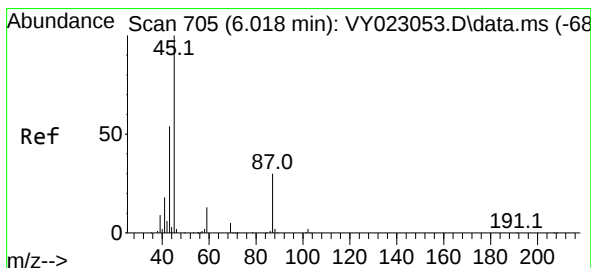
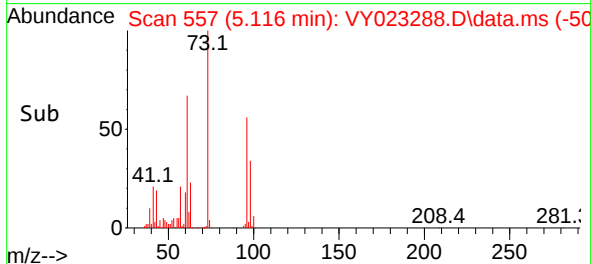
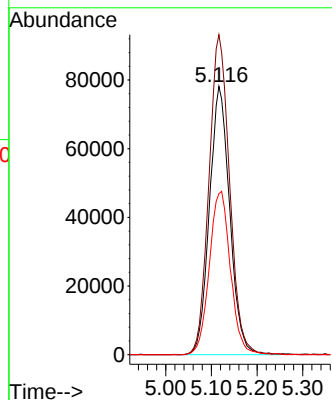
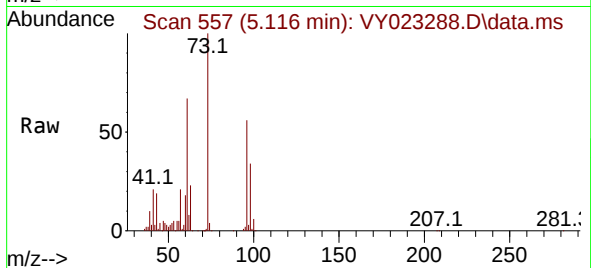




#21
trans-1,2-Dichloroethene
Concen: 49.659 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

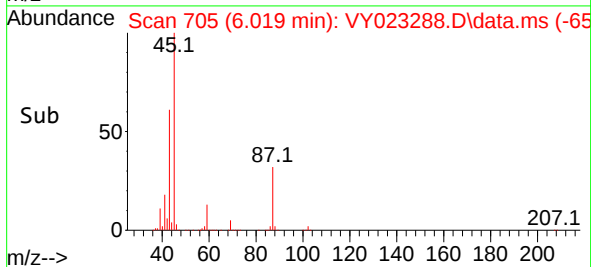
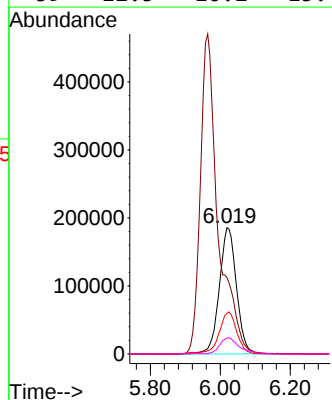
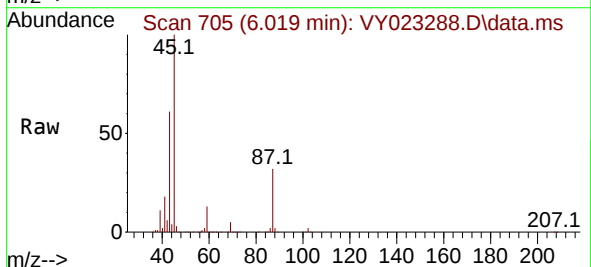
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 241273
Ion Ratio Lower Upper
96 100
61 119.3 104.8 157.2
98 60.0 50.1 75.1



#22
Diisopropyl ether
Concen: 45.544 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 45 Resp: 629599
Ion Ratio Lower Upper
45 100
43 60.5 43.4 65.0
87 32.1 24.4 36.6
59 12.5 10.2 15.4

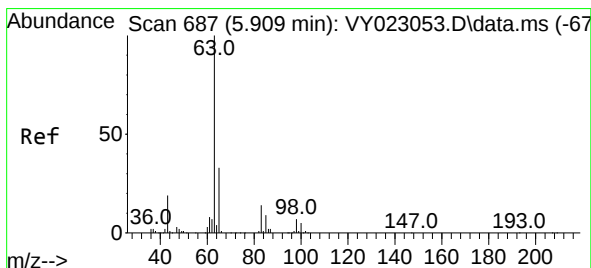
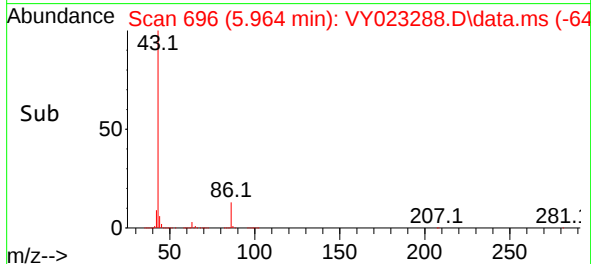
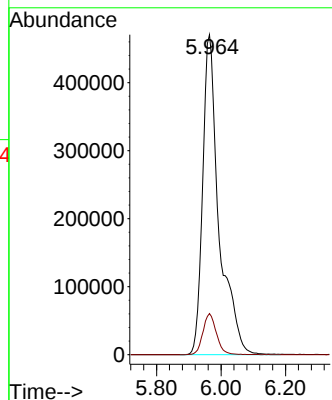
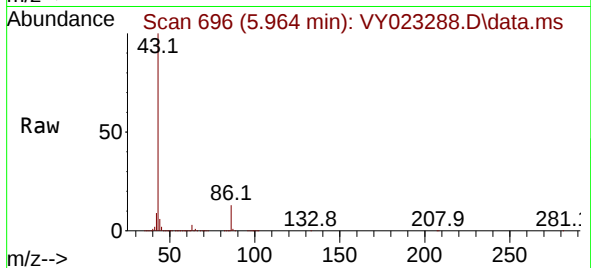




#23
 Vinyl Acetate
 Concen: 216.141 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

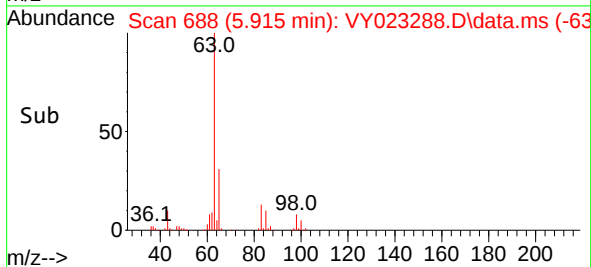
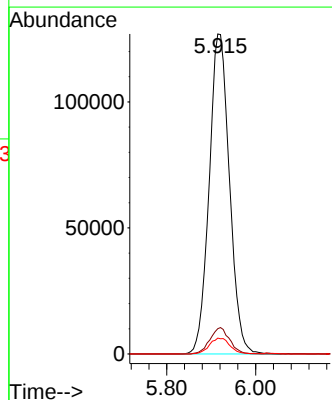
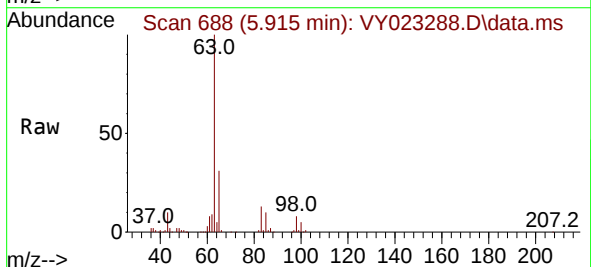
Instrument :
 MSVOA_Y
 ClientSampleId :

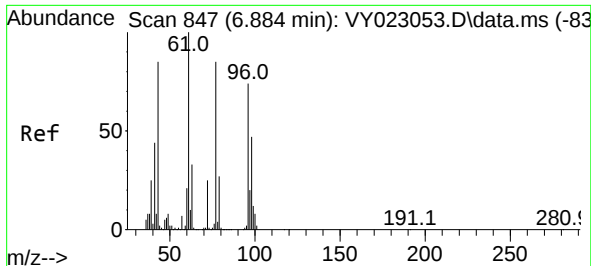
Tgt Ion: 43 Resp: 1652162
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 47.630 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

Tgt Ion: 63 Resp: 402554
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 212.196 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

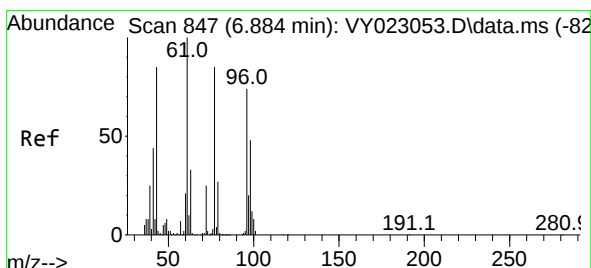
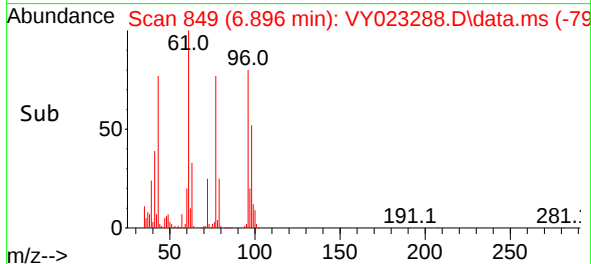
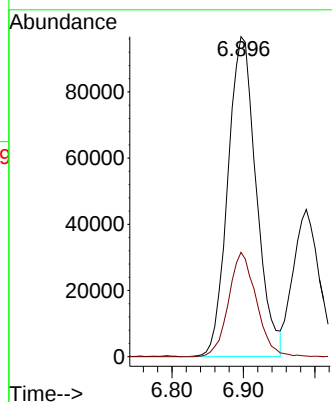
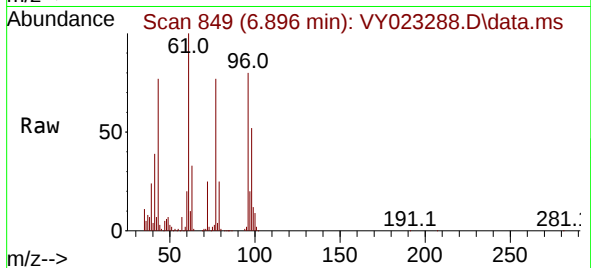
ClientSampleId :

Tgt Ion: 43 Resp: 267345

Ion Ratio Lower Upper

43 100

72 32.6 23.5 35.3



#26

2,2-Dichloropropane

Concen: 46.368 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023288.D

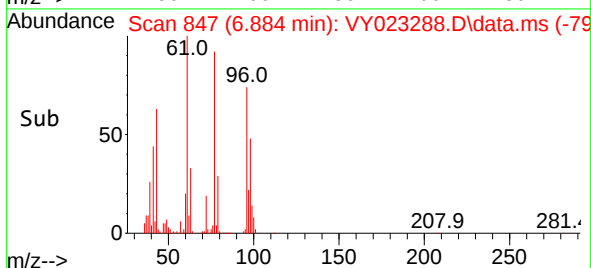
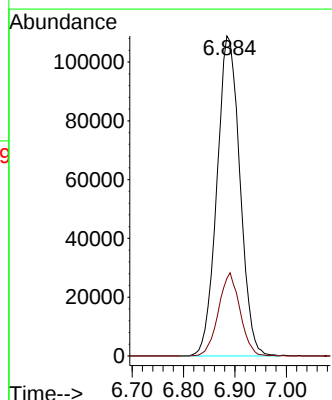
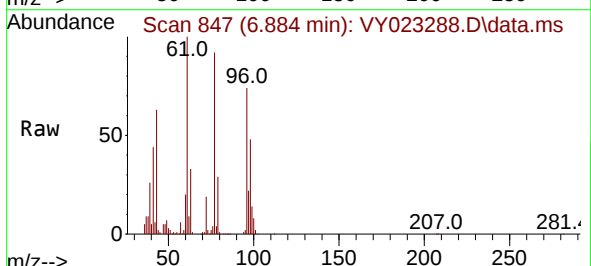
Acq: 04 Sep 2025 16:14

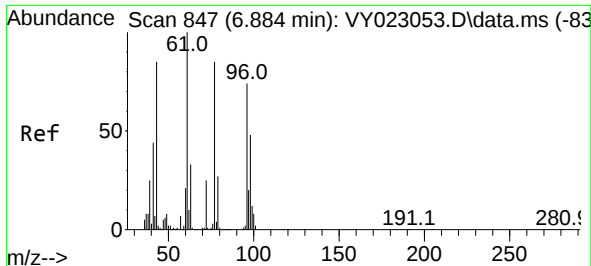
Tgt Ion: 77 Resp: 338155

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.247 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

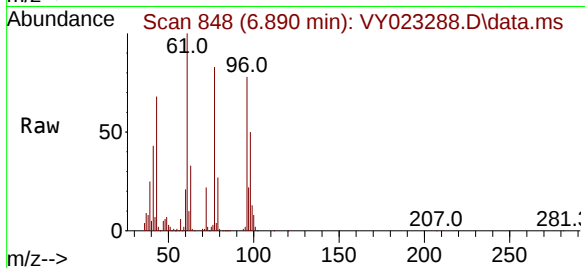
Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :



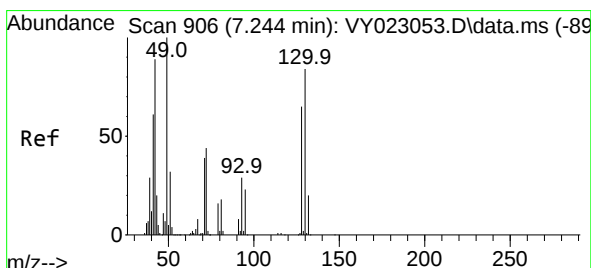
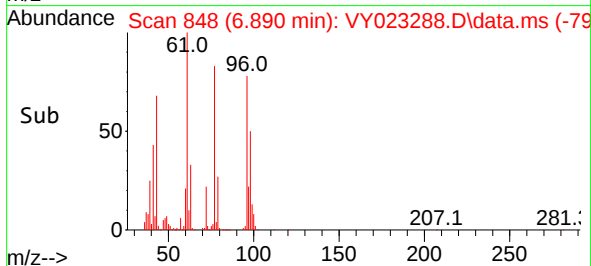
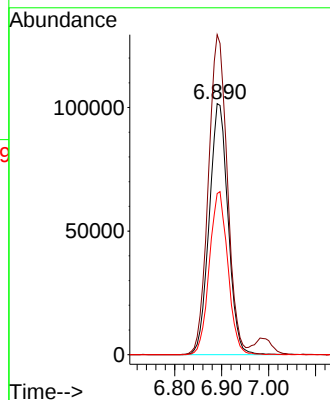
Tgt Ion: 96 Resp: 282229

Ion Ratio Lower Upper

96 100

61 128.3 0.0 278.6

98 63.8 0.0 130.4



#28

Bromochloromethane

Concen: 46.708 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

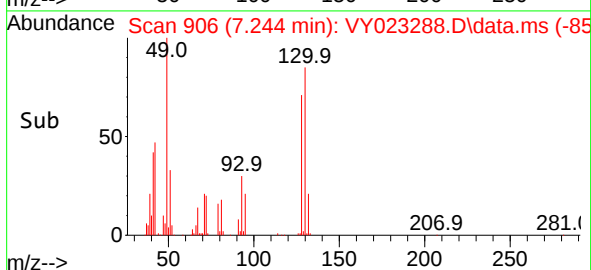
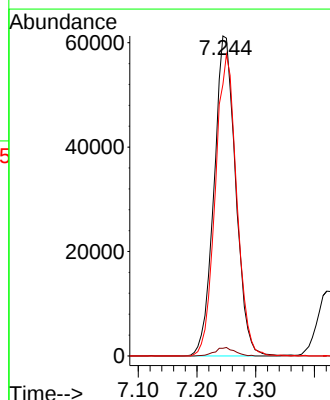
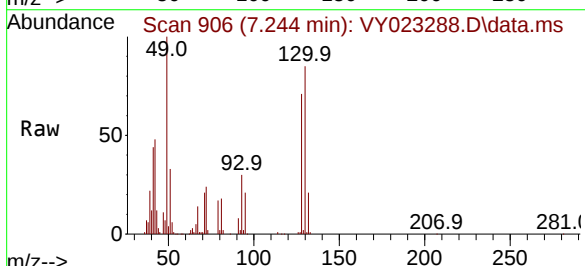
Tgt Ion: 49 Resp: 156620

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 93.1 66.4 99.6





#29

Tetrahydrofuran

Concen: 216.602 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

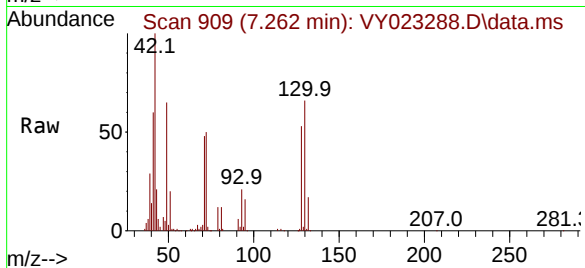
Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :



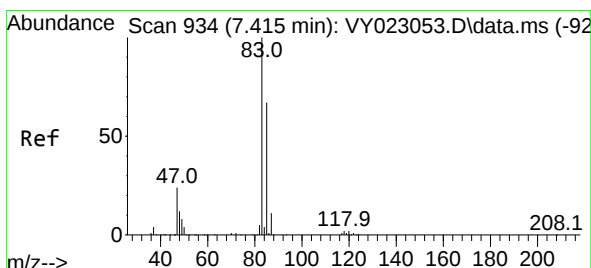
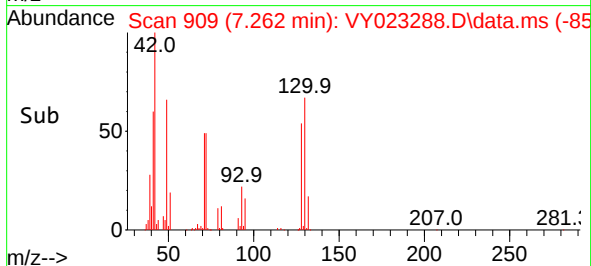
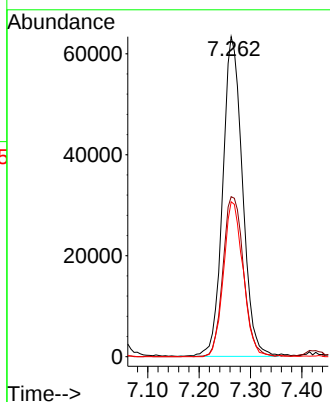
Tgt Ion: 42 Resp: 169157

Ion Ratio Lower Upper

42 100

72 52.3 39.4 59.2

71 48.2 36.5 54.7



#30

Chloroform

Concen: 50.370 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY023288.D

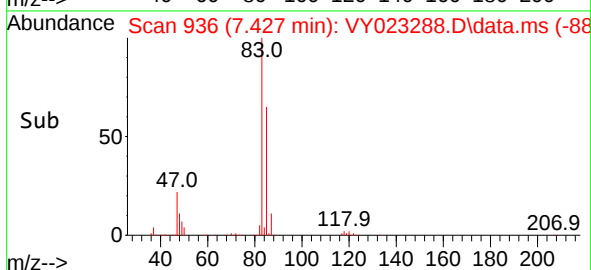
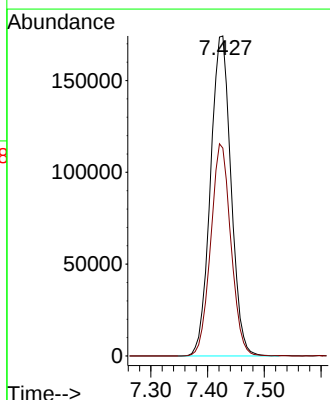
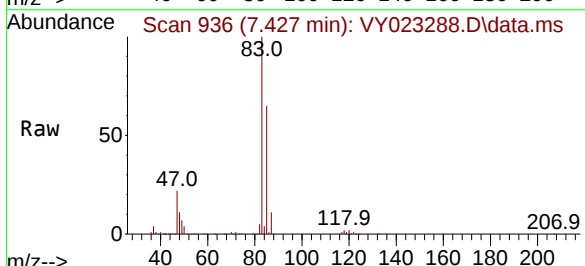
Acq: 04 Sep 2025 16:14

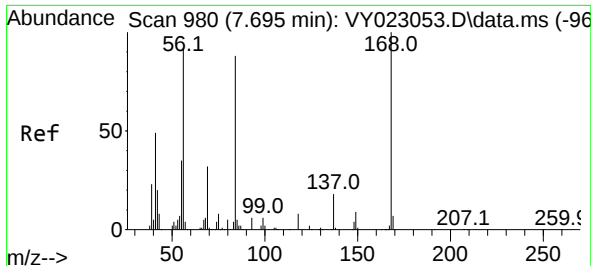
Tgt Ion: 83 Resp: 439050

Ion Ratio Lower Upper

83 100

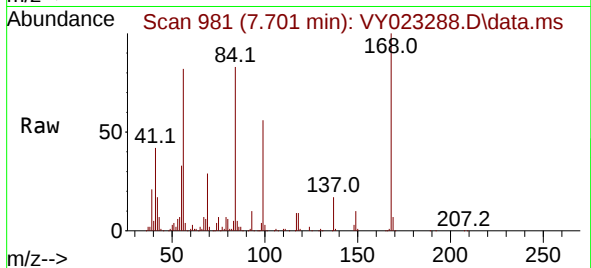
85 64.9 53.8 80.8



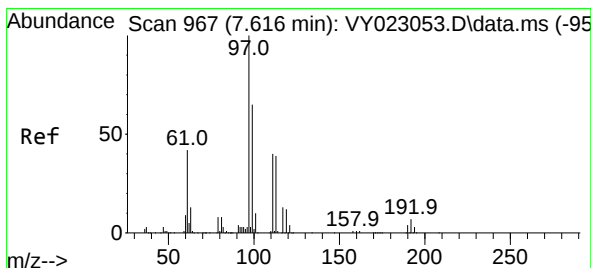
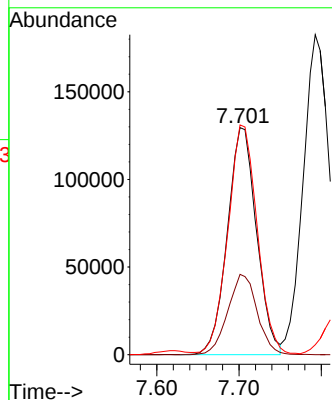
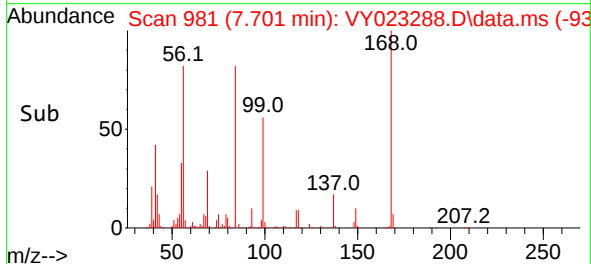


#31
Cyclohexane
Concen: 40.216 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :

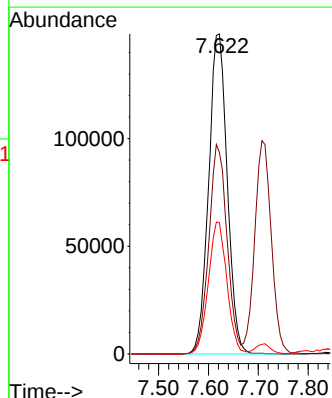
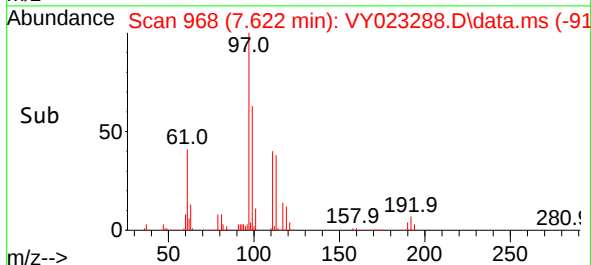
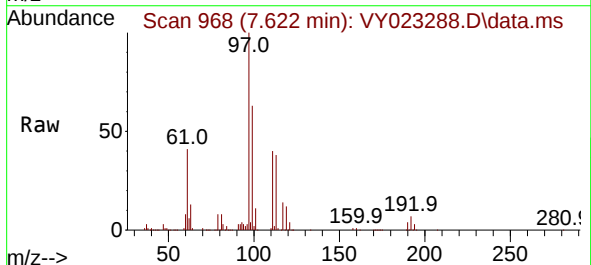


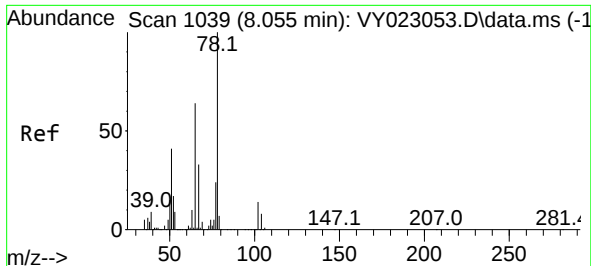
Tgt Ion: 56 Resp: 320304
Ion Ratio Lower Upper
56 100
69 35.4 28.2 42.2
84 99.7 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 49.730 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 97 Resp: 384627
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 41.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 44.495 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

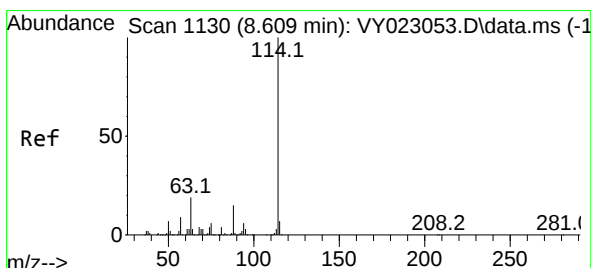
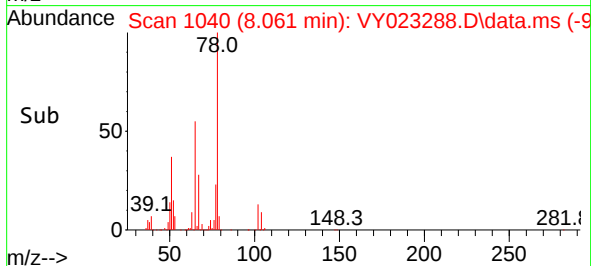
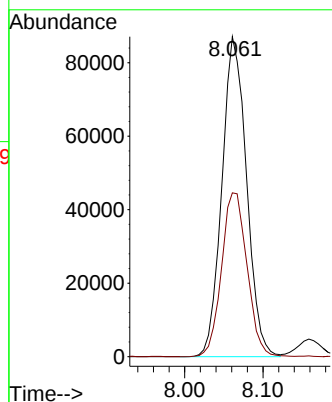
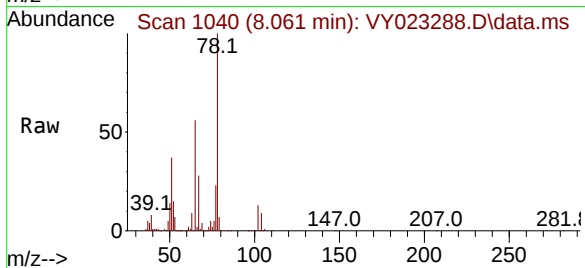
ClientSampleId :

Tgt Ion: 65 Resp: 190258

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

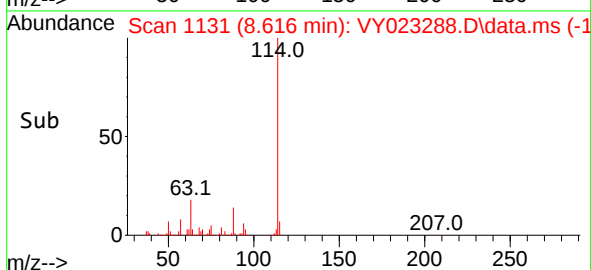
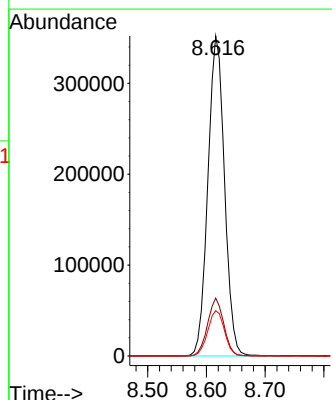
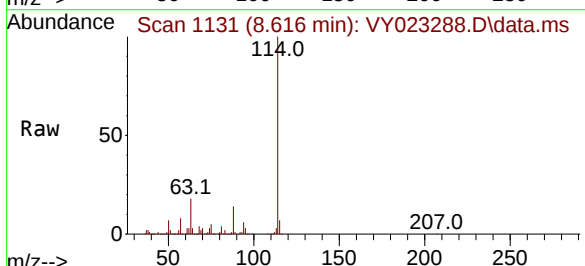
Tgt Ion: 114 Resp: 690796

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 14.2 0.0 30.0

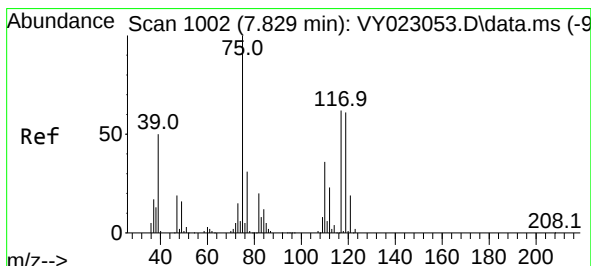
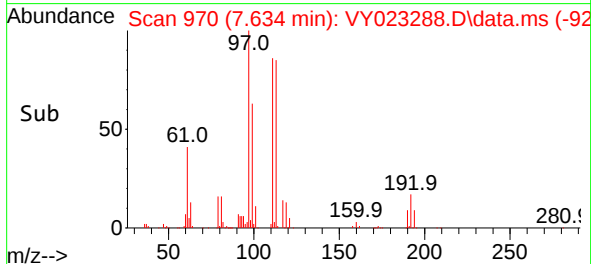
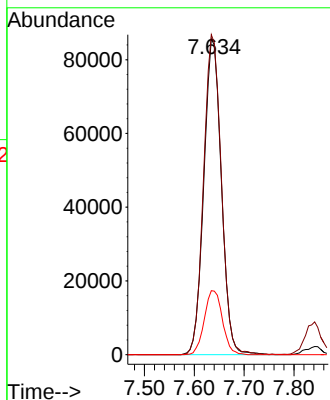
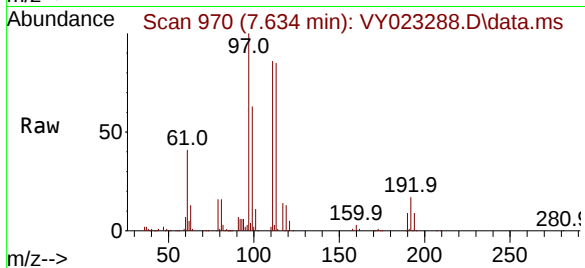




#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

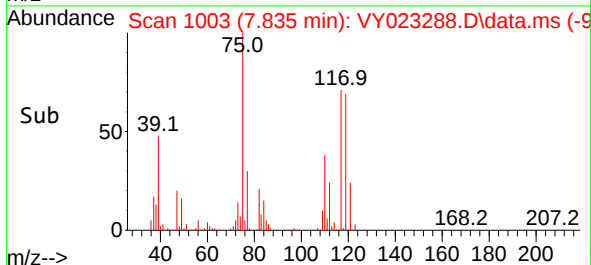
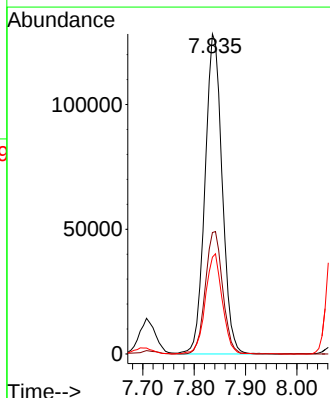
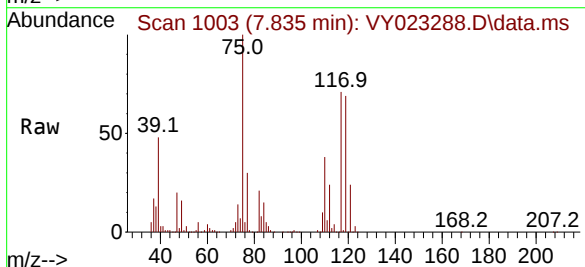
Instrument :
MSVOA_Y
ClientSampleId :

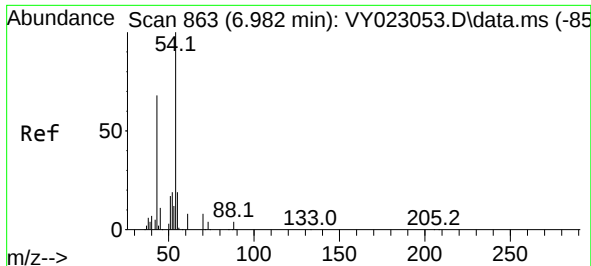
Tgt Ion:113 Resp: 209499
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 20.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 48.389 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 75 Resp: 297251
Ion Ratio Lower Upper
75 100
110 38.7 18.1 54.4
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 45.327 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

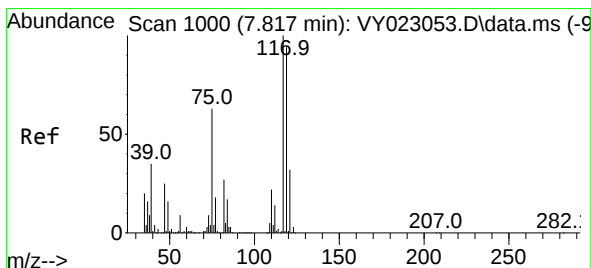
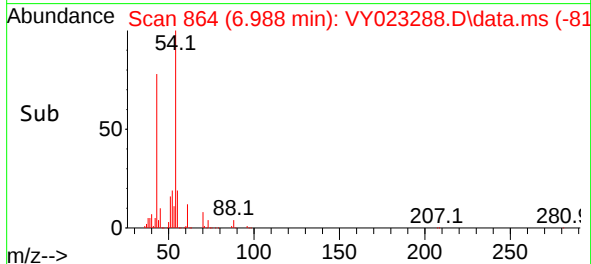
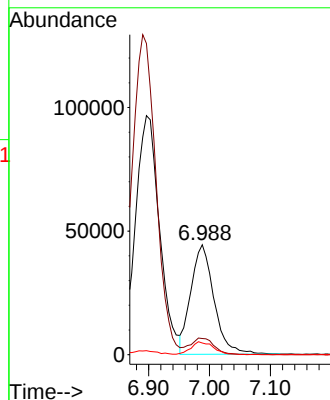
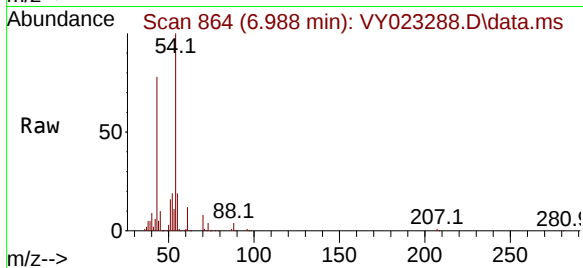
Tgt Ion: 43 Resp: 116966

Ion Ratio Lower Upper

43 100

61 15.0 11.9 17.9

70 11.5 8.8 13.2



#38

Carbon Tetrachloride

Concen: 51.649 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

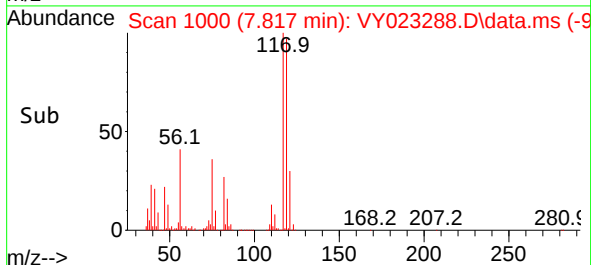
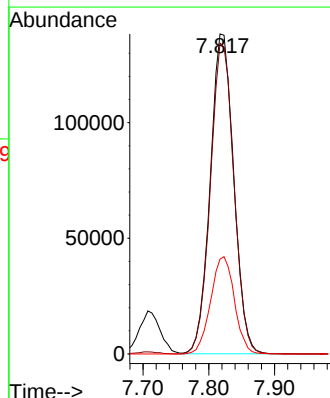
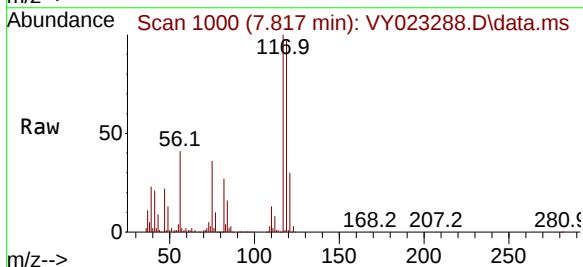
Tgt Ion: 117 Resp: 344605

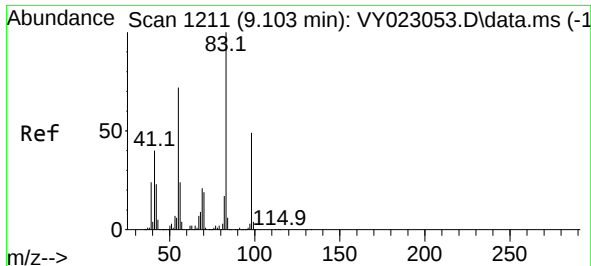
Ion Ratio Lower Upper

117 100

119 97.1 75.6 113.4

121 29.6 25.8 38.8





#39

Methylcyclohexane

Concen: 46.215 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

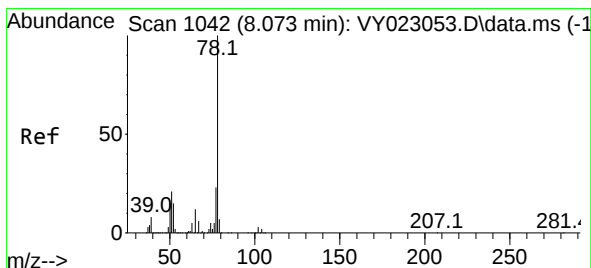
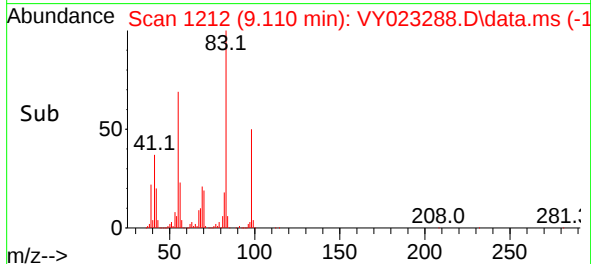
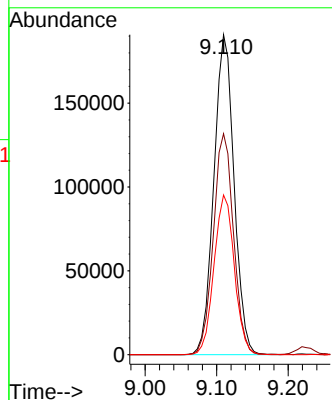
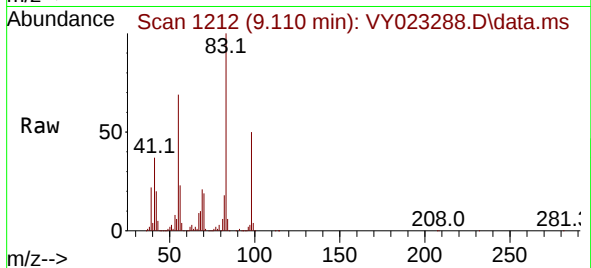
Tgt Ion: 83 Resp: 373855

Ion Ratio Lower Upper

83 100

55 69.0 57.6 86.4

98 49.9 39.2 58.8



#40

Benzene

Concen: 50.391 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023288.D

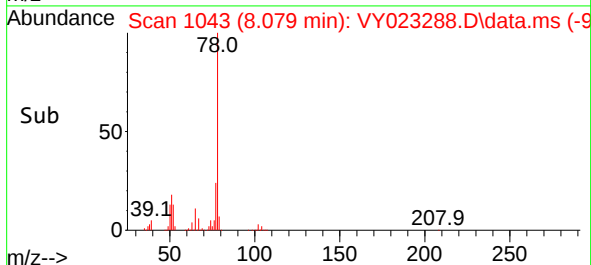
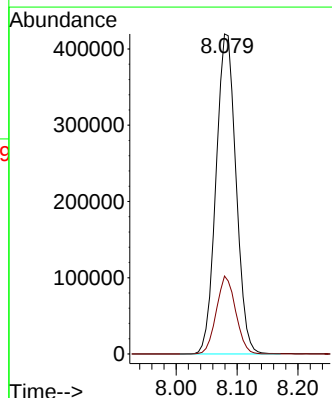
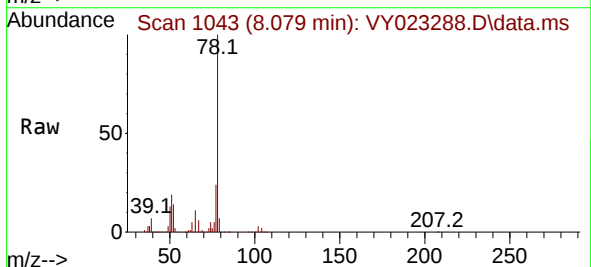
Acq: 04 Sep 2025 16:14

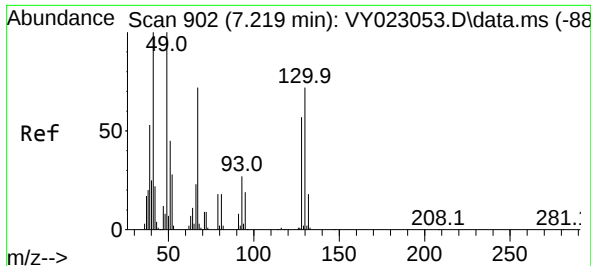
Tgt Ion: 78 Resp: 954074

Ion Ratio Lower Upper

78 100

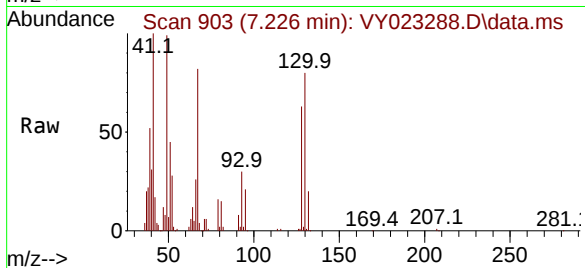
77 24.3 18.6 28.0



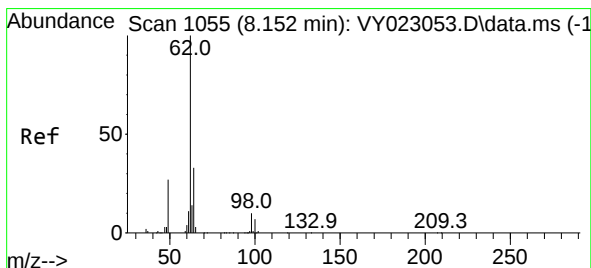
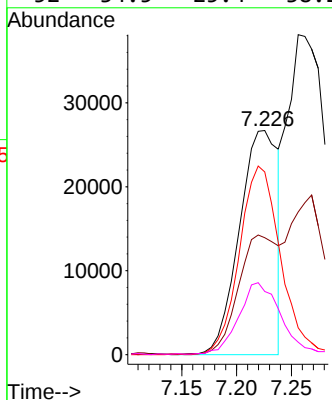
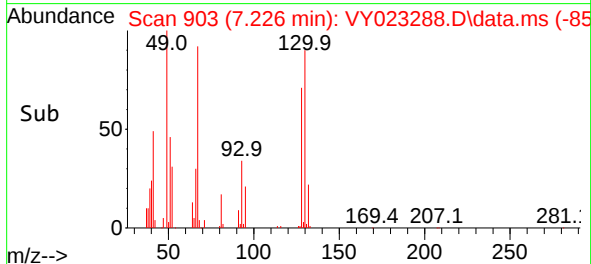


#41
Methacrylonitrile
Concen: 43.810 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :

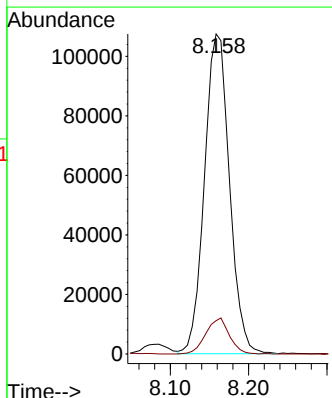
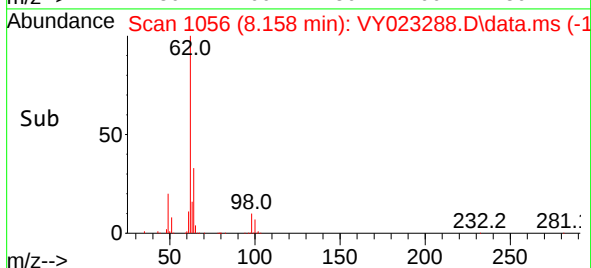
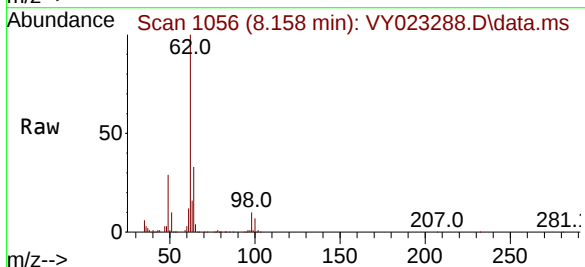


Tgt Ion:	41	Resp:	65245
Ion Ratio	100	Lower	Upper
39	53.7	43.4	65.2
67	90.0	63.6	95.4
52	34.5	25.4	38.2



#42
1,2-Dichloroethane
Concen: 48.415 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion:	62	Resp:	238408
Ion Ratio	100	Lower	Upper
98	10.5	0.0	20.6

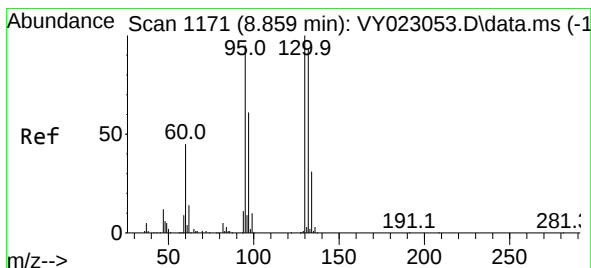
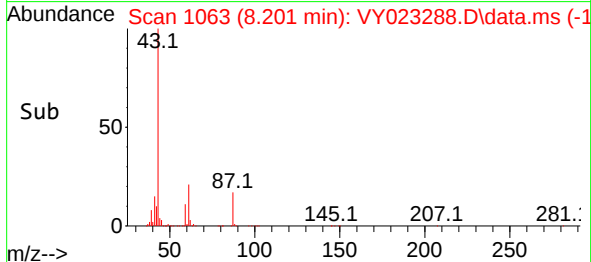
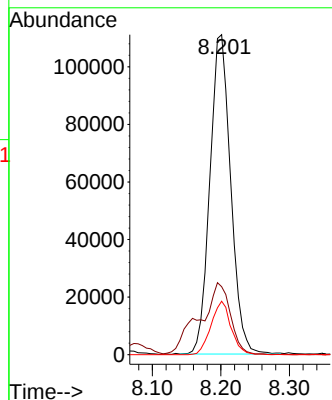
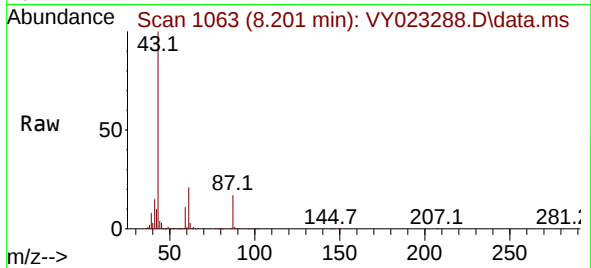




#43
Isopropyl Acetate
Concen: 44.947 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

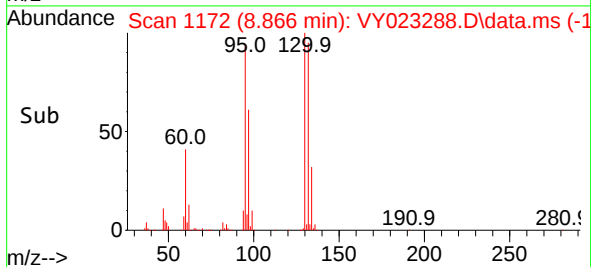
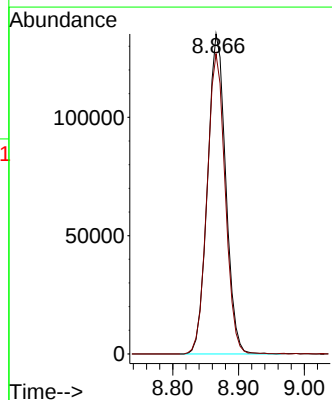
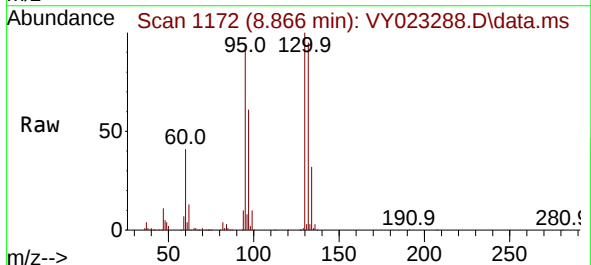
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 234426
Ion Ratio Lower Upper
43 100
61 33.2 16.4 24.6#
87 16.1 11.8 17.6



#44
Trichloroethene
Concen: 53.129 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion:130 Resp: 259951
Ion Ratio Lower Upper
130 100
95 93.8 0.0 190.2





#45

1,2-Dichloropropane

Concen: 50.489 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

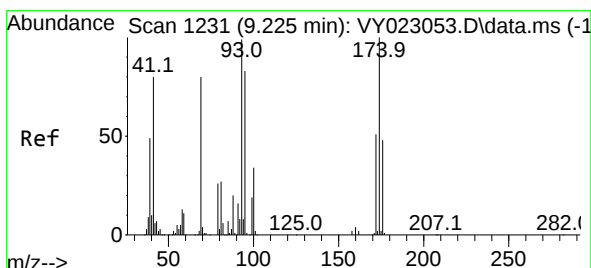
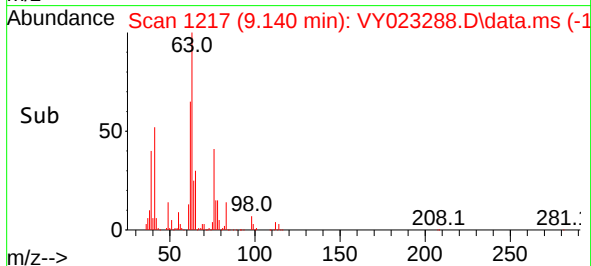
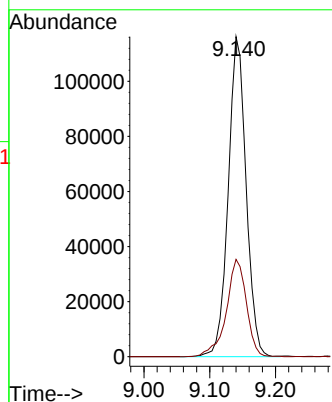
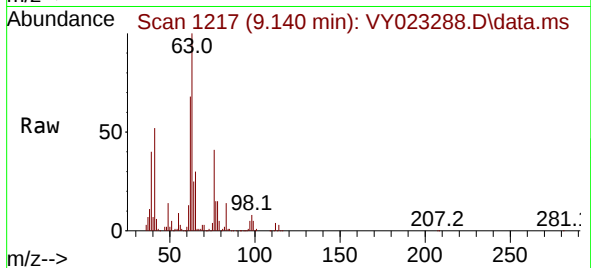
ClientSampleId :

Tgt Ion: 63 Resp: 219952

Ion Ratio Lower Upper

63 100

65 30.4 25.3 37.9



#46

Dibromomethane

Concen: 52.236 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

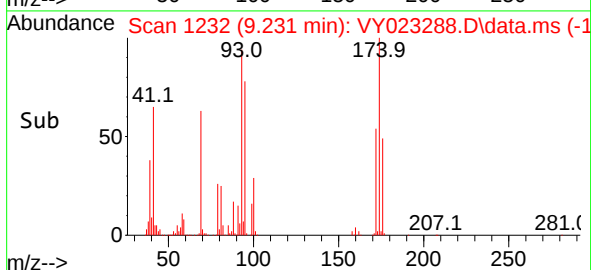
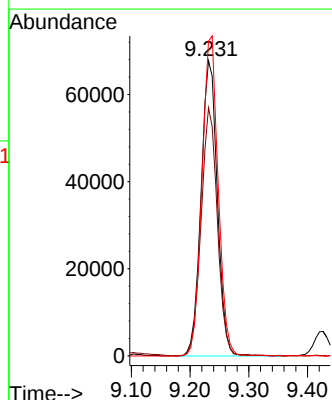
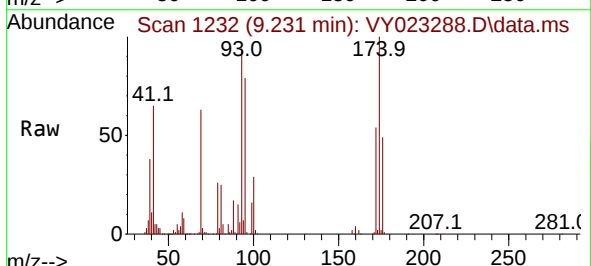
Tgt Ion: 93 Resp: 130614

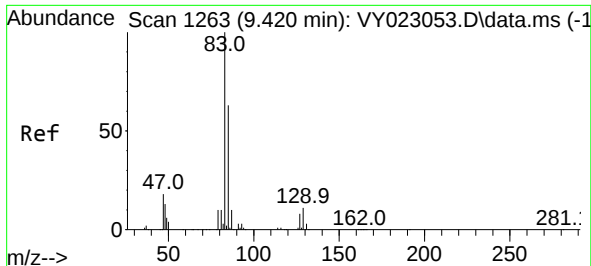
Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

174 107.6 81.8 122.8

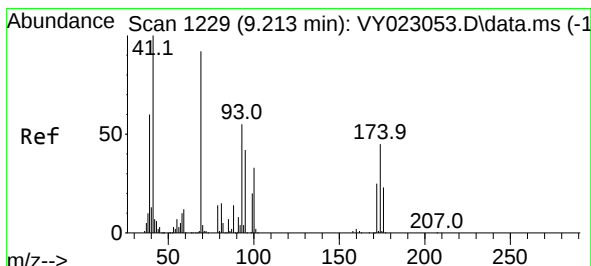
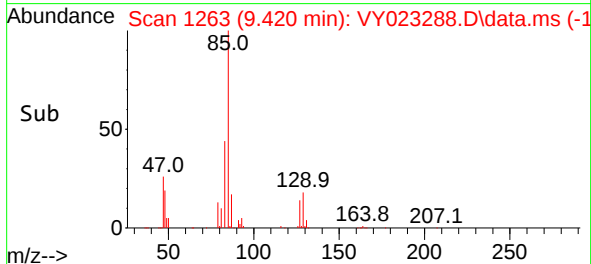
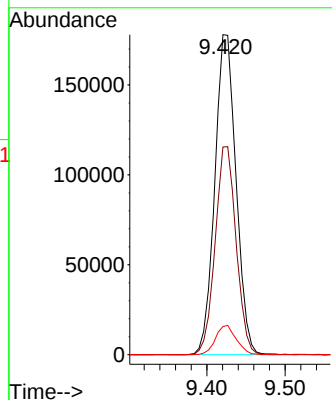
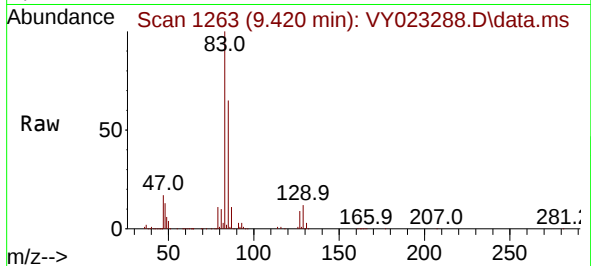




#47
Bromodichloromethane
Concen: 52.185 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

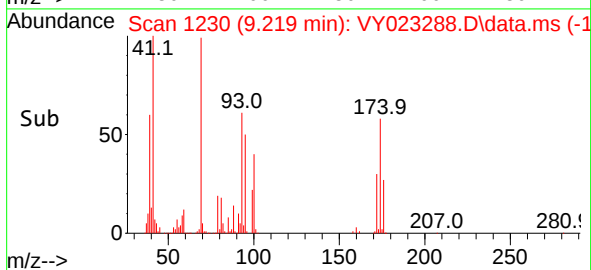
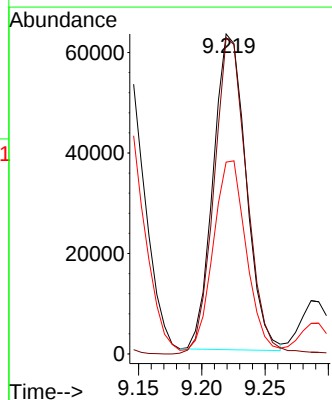
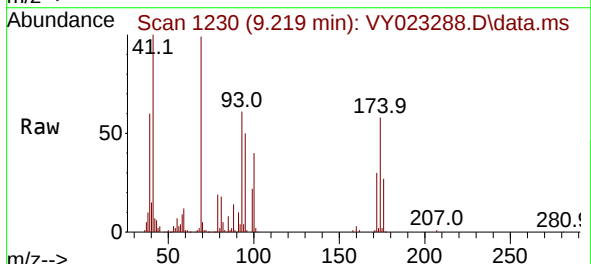
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 335758
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 45.411 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 41 Resp: 113335
Ion Ratio Lower Upper
41 100
69 100.5 73.2 109.8
39 61.9 47.0 70.4





#49

1,4-Dioxane

Concen: 957.793 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

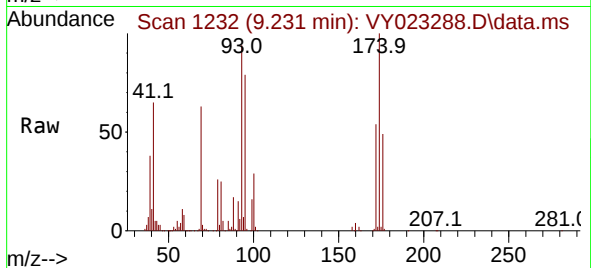
Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :



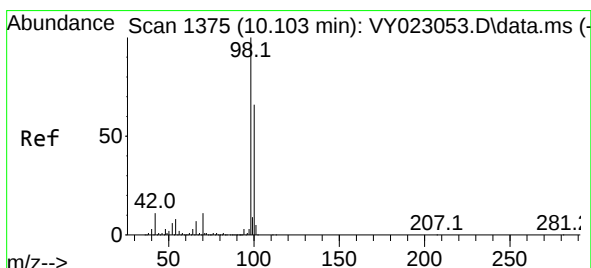
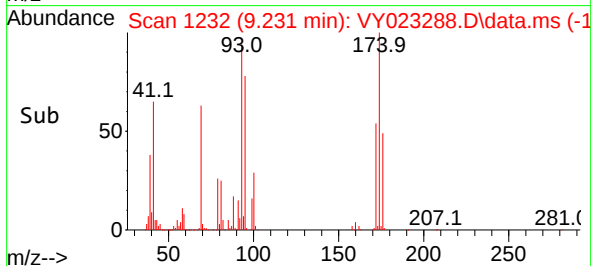
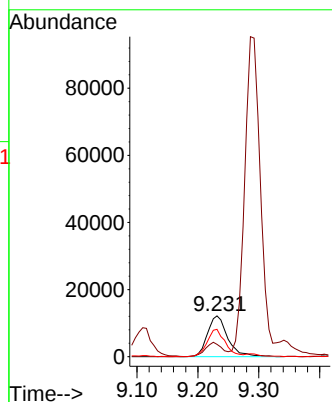
Tgt Ion: 88 Resp: 28081

Ion Ratio Lower Upper

88 100

43 28.5 24.3 36.5

58 60.3 55.4 83.0



#50

Toluene-d8

Concen: 48.962 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023288.D

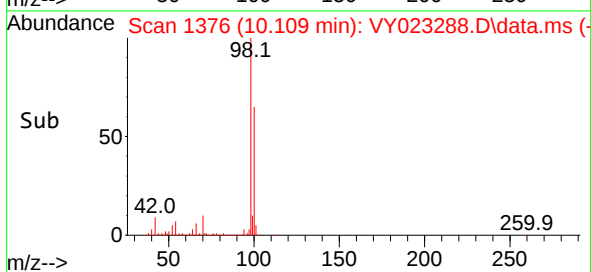
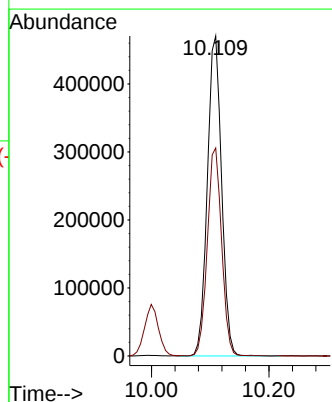
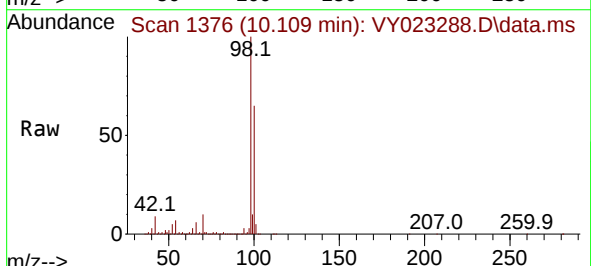
Acq: 04 Sep 2025 16:14

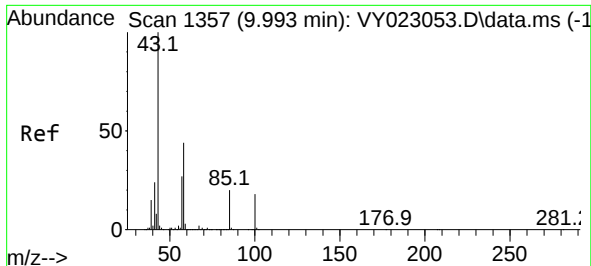
Tgt Ion: 98 Resp: 790637

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 237.030 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

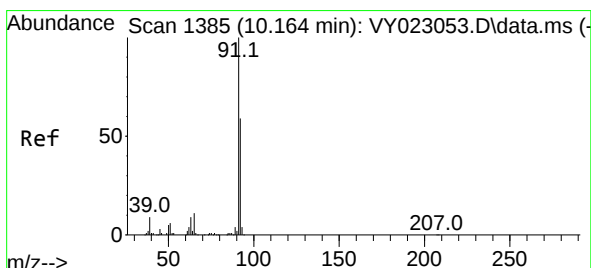
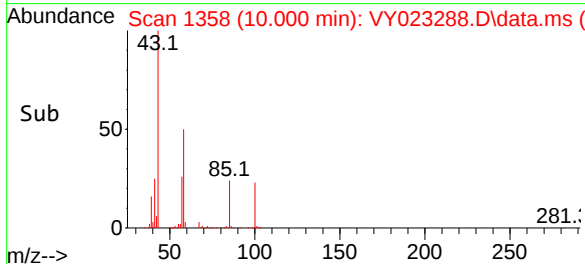
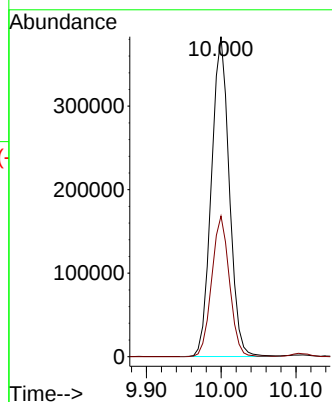
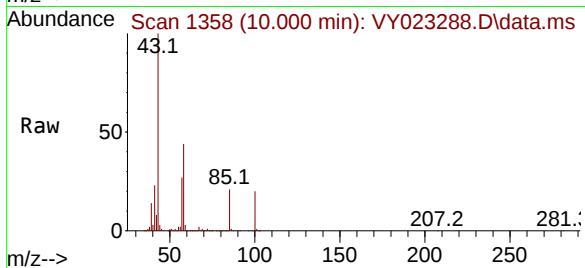
ClientSampleId :

Tgt Ion: 43 Resp: 637691

Ion Ratio Lower Upper

43 100

58 43.5 33.5 50.3



#52

Toluene

Concen: 51.601 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023288.D

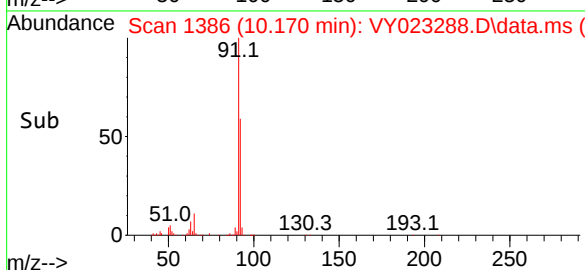
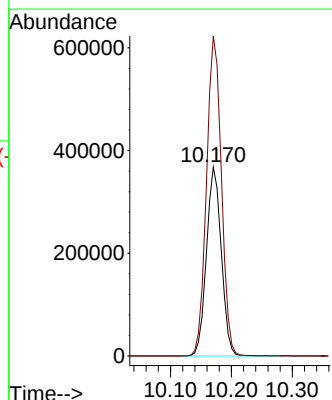
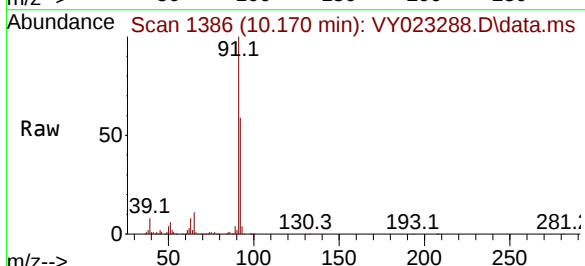
Acq: 04 Sep 2025 16:14

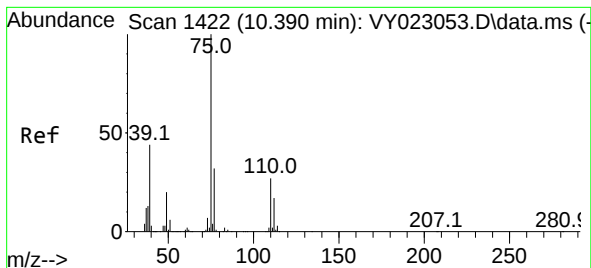
Tgt Ion: 92 Resp: 620509

Ion Ratio Lower Upper

92 100

91 170.8 136.4 204.6

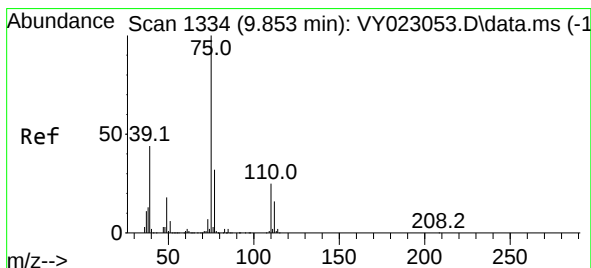
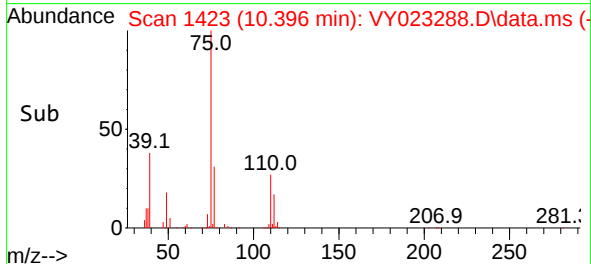
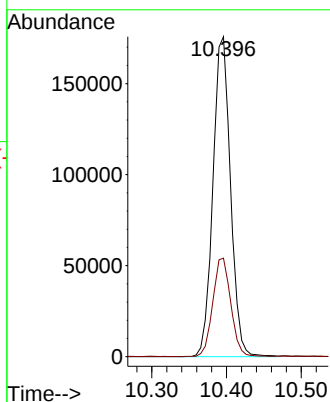
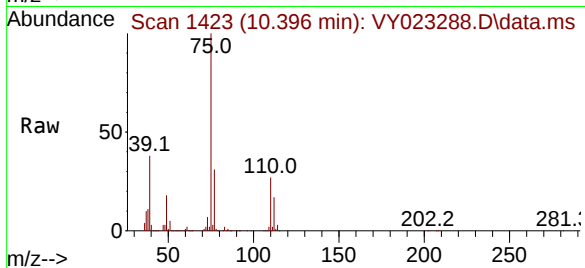




#53
 t-1,3-Dichloropropene
 Concen: 49.328 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

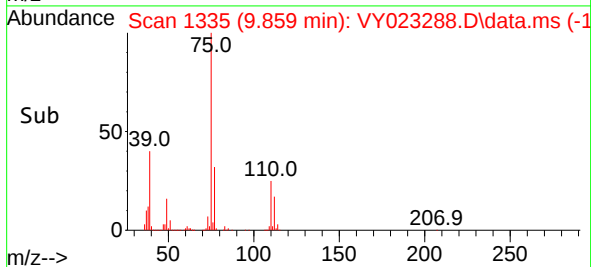
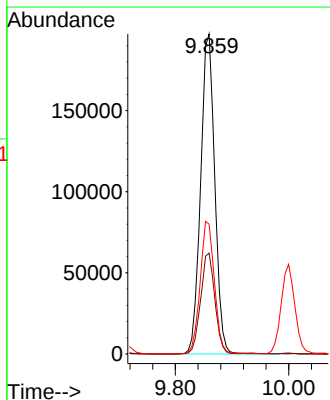
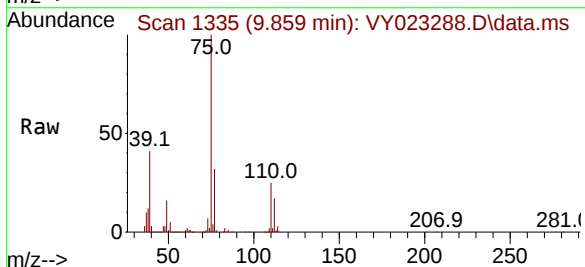
Instrument :
 MSVOA_Y
 ClientSampleId :

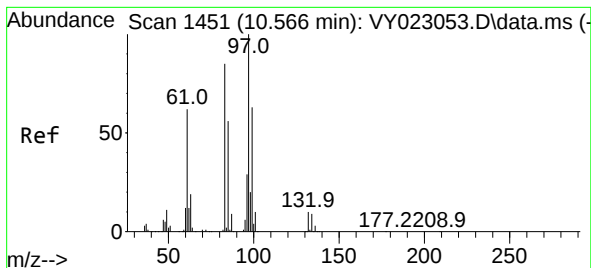
Tgt Ion: 75 Resp: 287399
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.691 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

Tgt Ion: 75 Resp: 342348
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 40.5 35.6 53.4



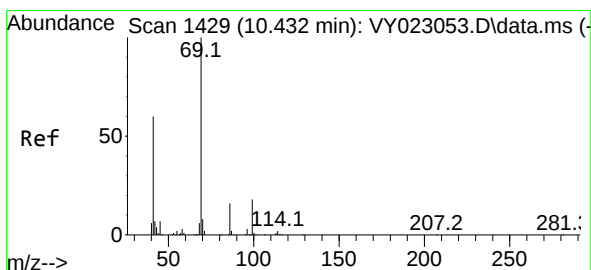
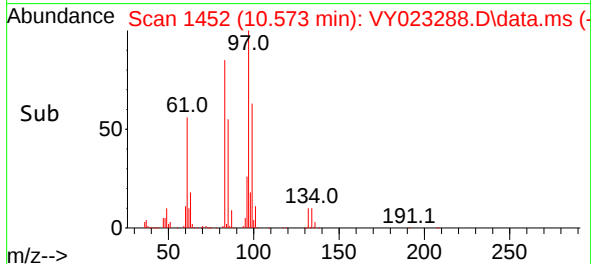
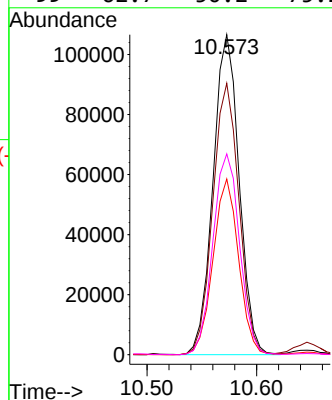
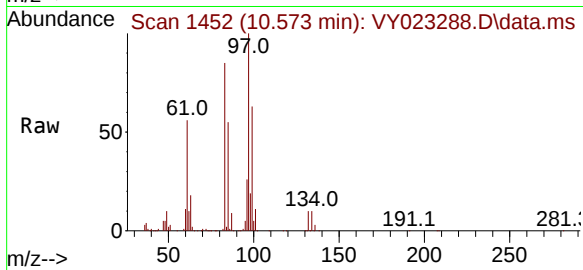


#55
1,1,2-Trichloroethane
Concen: 52.769 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 176557

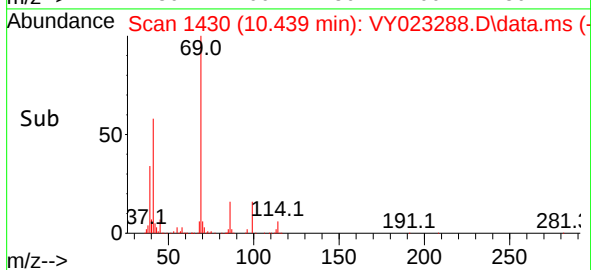
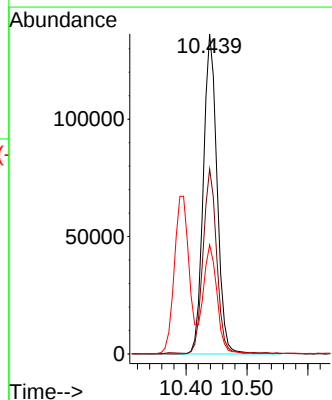
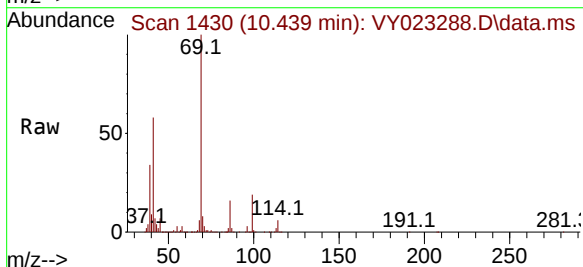
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.7	101.5
85	54.8	44.5	66.7
99	62.7	50.2	75.2

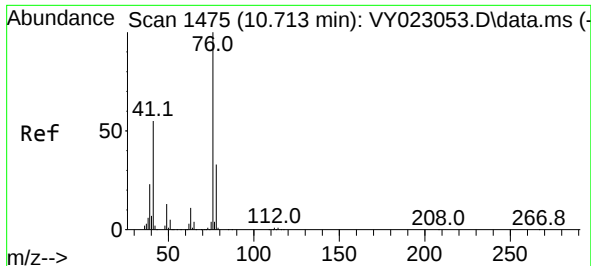


#56
Ethyl methacrylate
Concen: 49.960 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 69 Resp: 213898

Ion	Ratio	Lower	Upper
69	100		
41	56.7	48.6	72.8
39	32.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 51.181 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

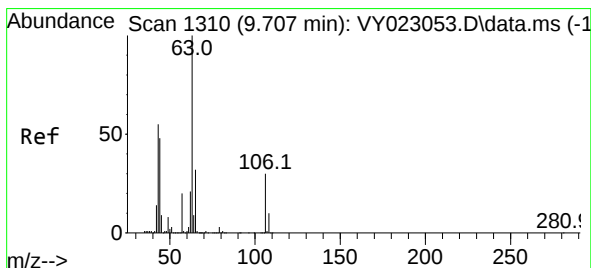
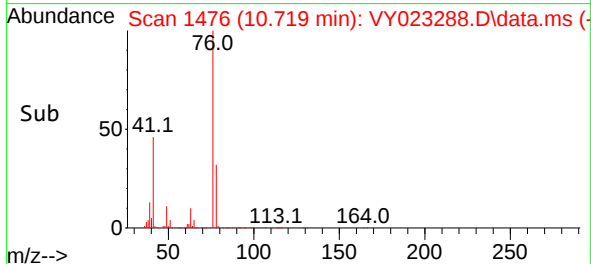
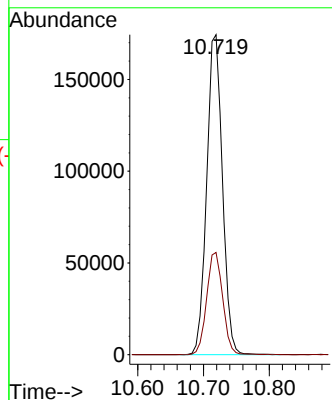
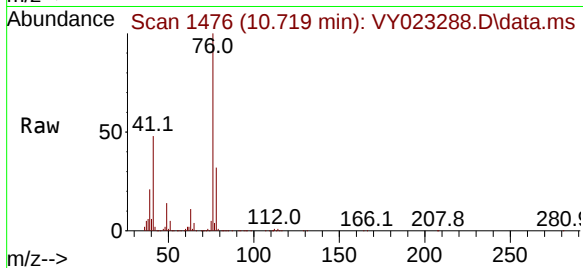
ClientSampleId :

Tgt Ion: 76 Resp: 290418

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 244.530 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023288.D

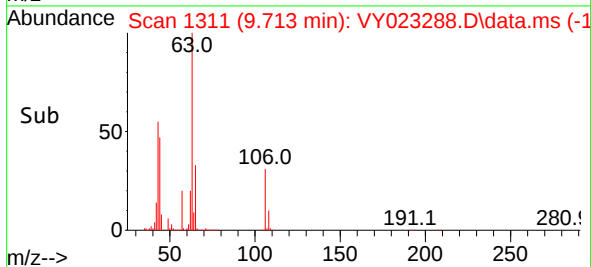
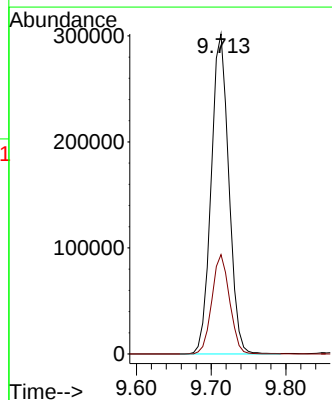
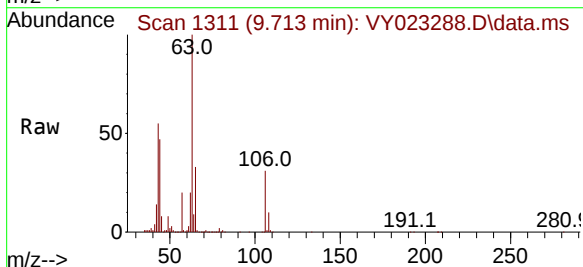
Acq: 04 Sep 2025 16:14

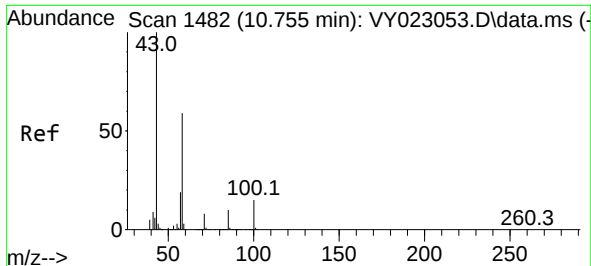
Tgt Ion: 63 Resp: 493832

Ion Ratio Lower Upper

63 100

106 31.1 23.2 34.8

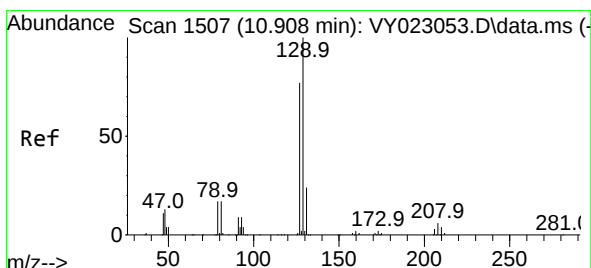
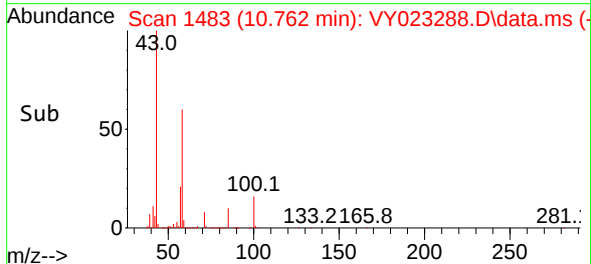
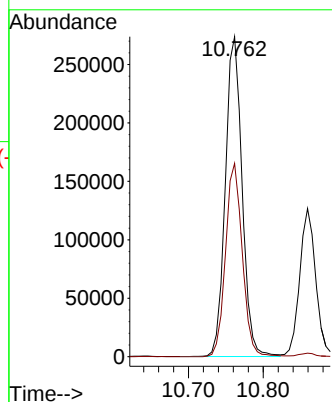
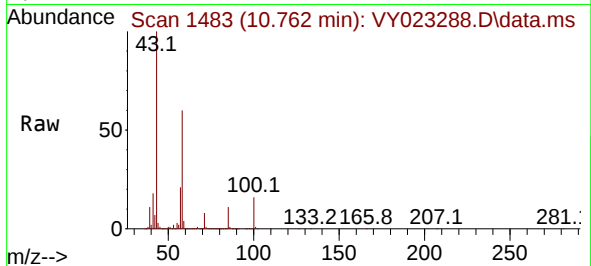




#59
2-Hexanone
Concen: 233.465 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

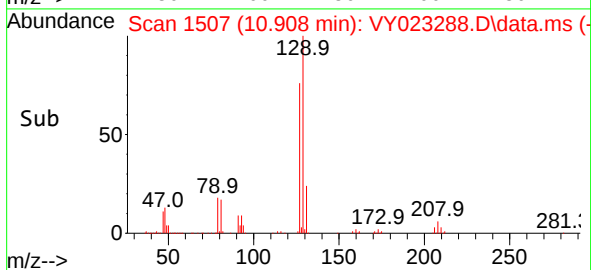
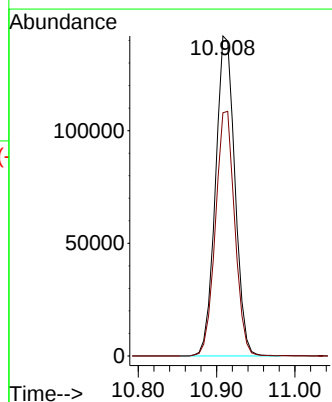
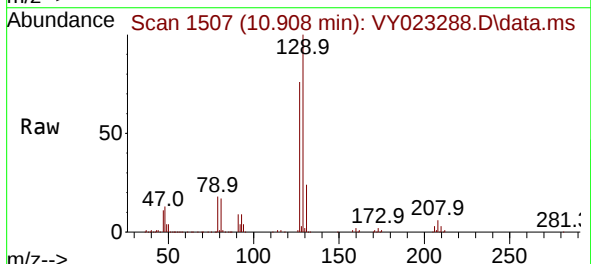
Instrument :
MSVOA_Y
ClientSampleId :

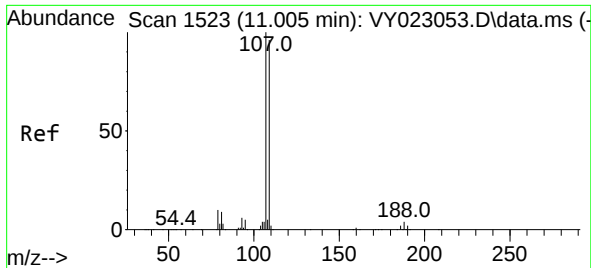
Tgt Ion: 43 Resp: 427693
Ion Ratio Lower Upper
43 100
58 60.3 29.5 88.5



#60
Dibromochloromethane
Concen: 55.352 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 129 Resp: 244369
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

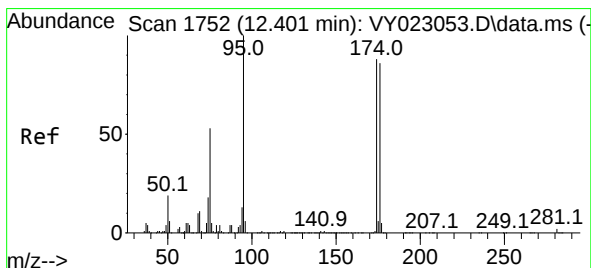
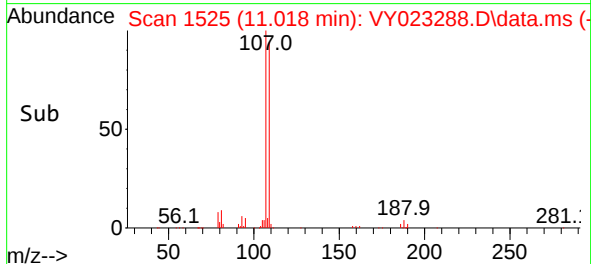
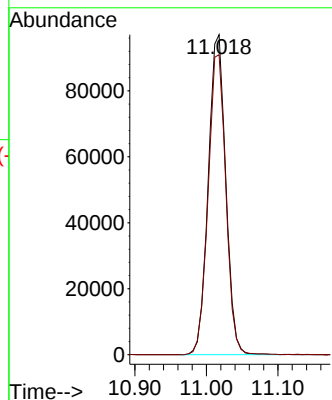
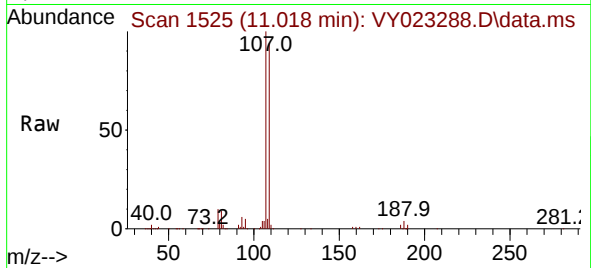




#61
1,2-Dibromoethane
Concen: 52.424 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

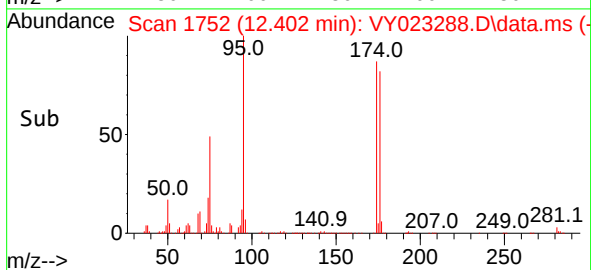
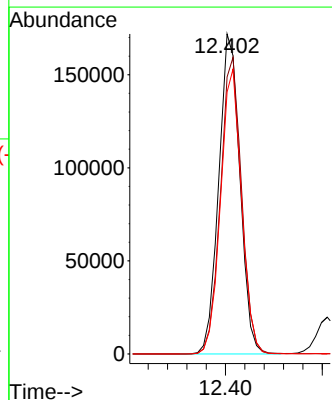
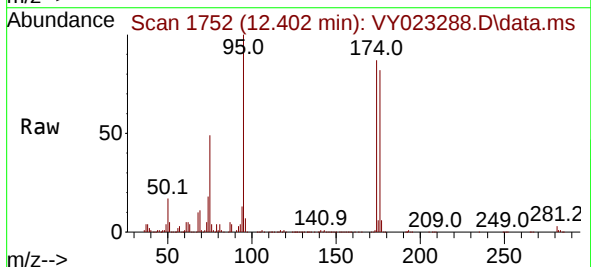
Instrument :
MSVOA_Y
ClientSampleId :

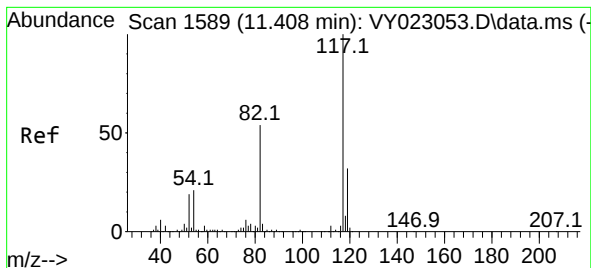
Tgt Ion:107 Resp: 164861
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.011 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 95 Resp: 259715
Ion Ratio Lower Upper
95 100
174 92.9 0.0 171.6
176 88.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

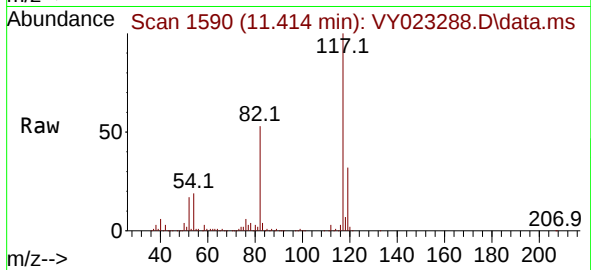
Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :



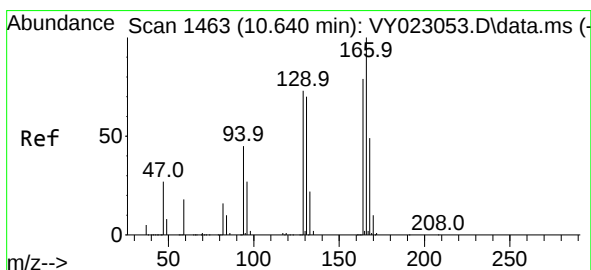
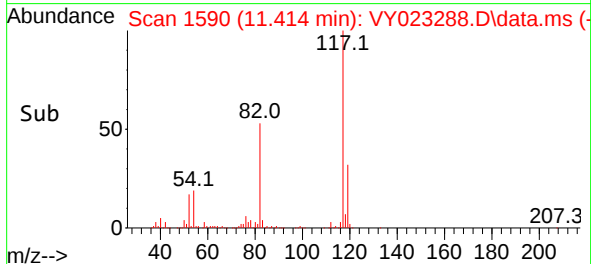
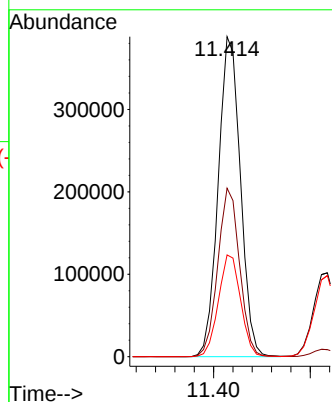
Tgt Ion:117 Resp: 617140

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 54.859 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Tgt Ion:164 Resp: 302311

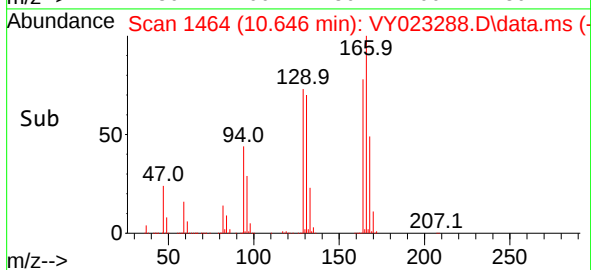
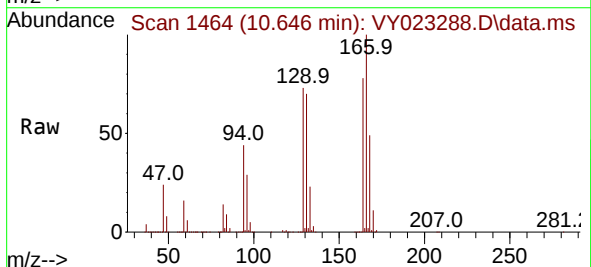
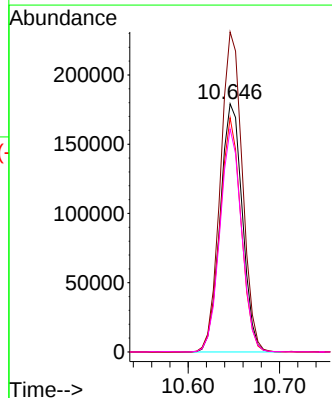
Ion Ratio Lower Upper

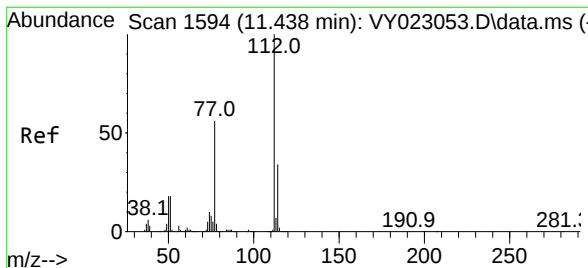
164 100

166 128.9 101.1 151.7

129 94.4 74.0 111.0

131 89.8 71.1 106.7

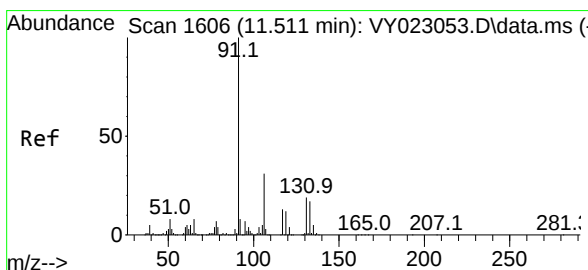
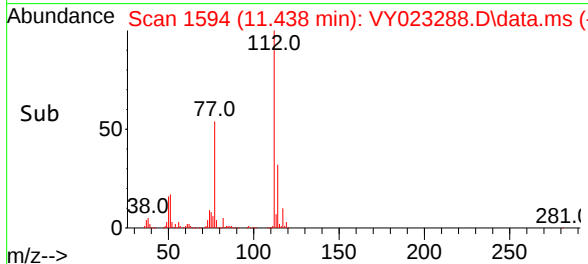
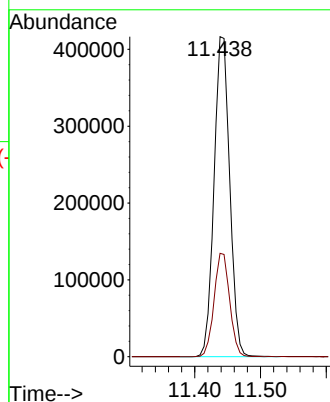
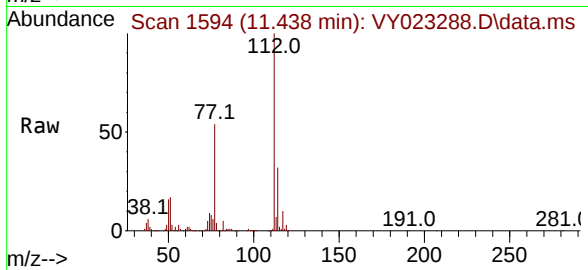




#65
Chlorobenzene
Concen: 51.862 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

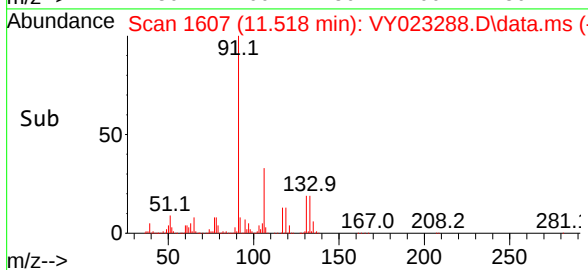
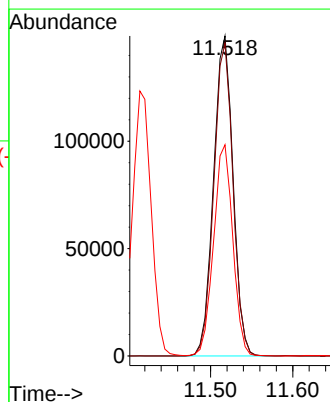
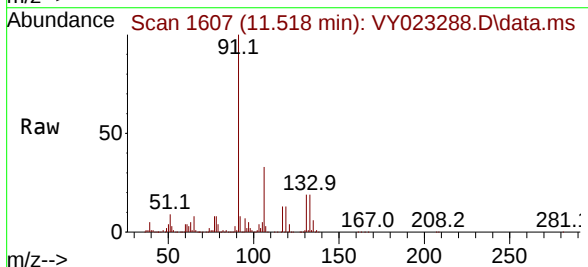
Instrument :
MSVOA_Y
ClientSampleId :

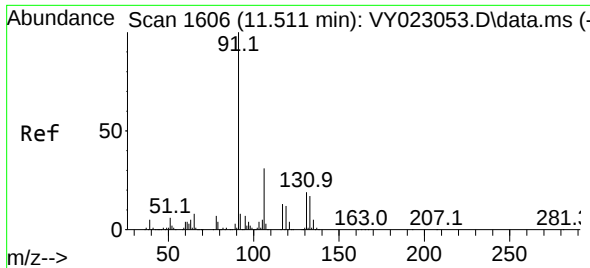
Tgt Ion:112 Resp: 690370
Ion Ratio Lower Upper
112 100
114 32.3 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.277 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion:131 Resp: 245215
Ion Ratio Lower Upper
131 100
133 96.1 46.9 140.6
119 65.3 33.2 99.6

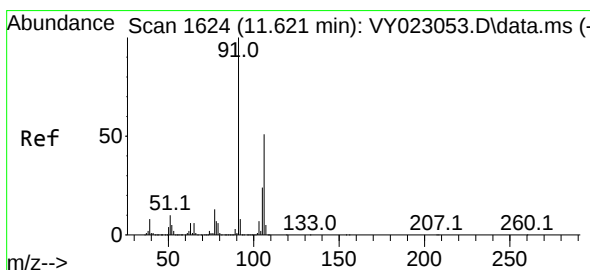
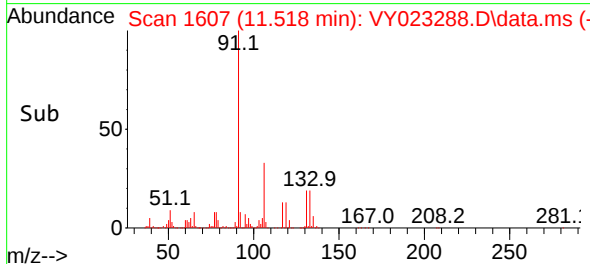
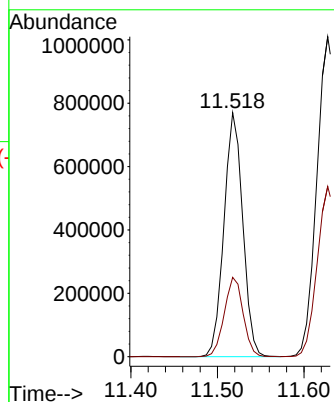
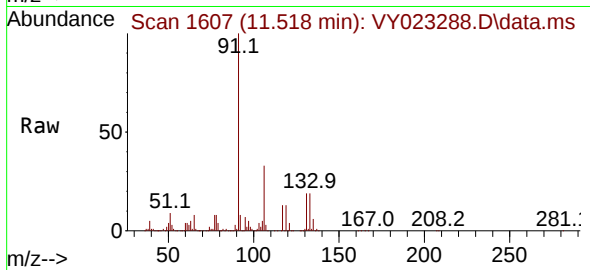




#67
Ethyl Benzene
Concen: 50.655 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

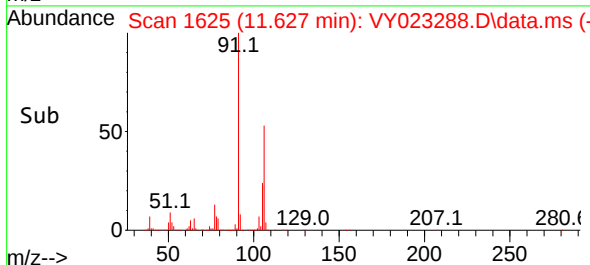
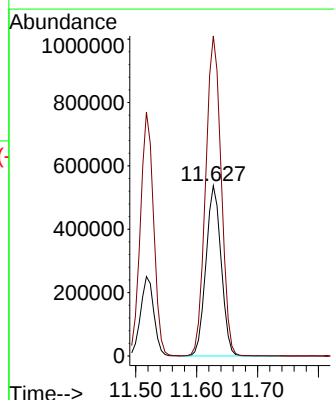
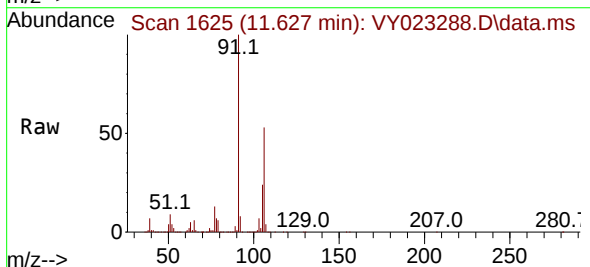
Instrument :
MSVOA_Y
ClientSampleId :

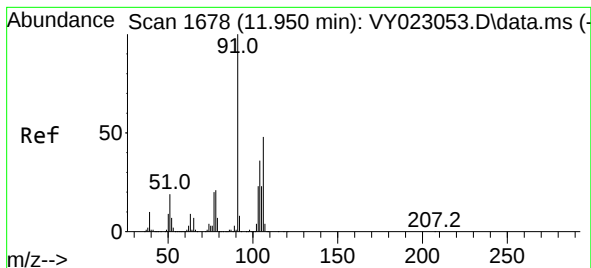
Tgt Ion: 91 Resp: 1160422
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.4



#68
m/p-Xylenes
Concen: 104.080 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion:106 Resp: 931212
Ion Ratio Lower Upper
106 100
91 192.0 158.6 238.0

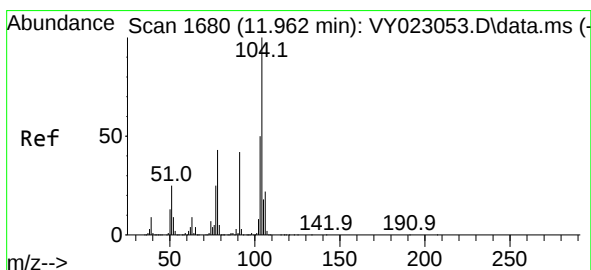
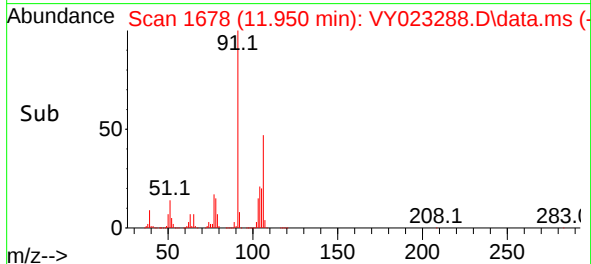
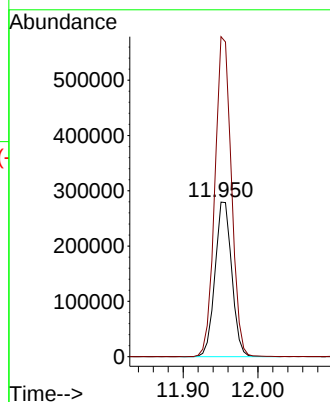
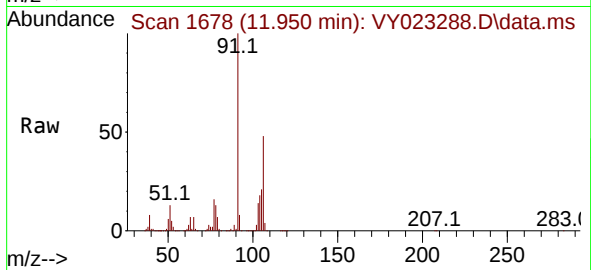




#69
o-Xylene
Concen: 51.814 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

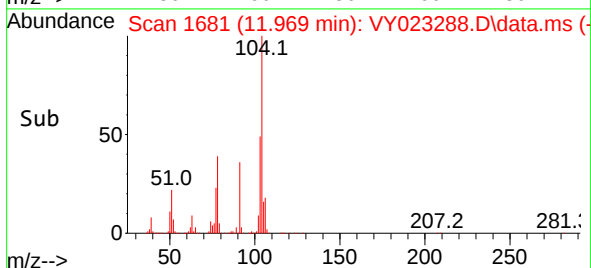
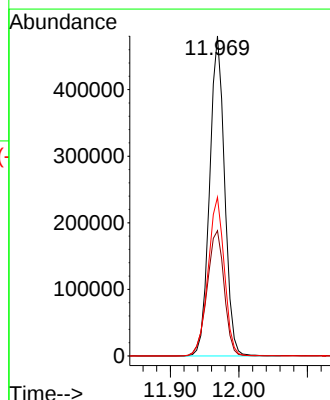
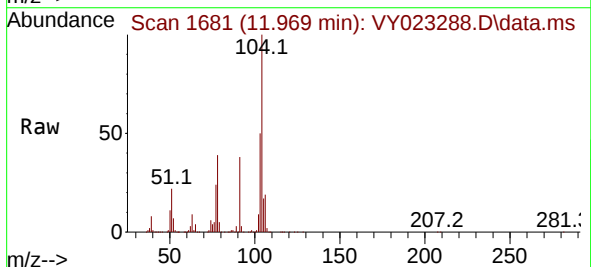
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 434190
Ion Ratio Lower Upper
106 100
91 204.5 103.2 309.4



#70
Styrene
Concen: 53.469 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion:104 Resp: 732735
Ion Ratio Lower Upper
104 100
78 44.7 38.5 57.7
103 54.0 43.7 65.5





#71

Bromoform

Concen: 55.346 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

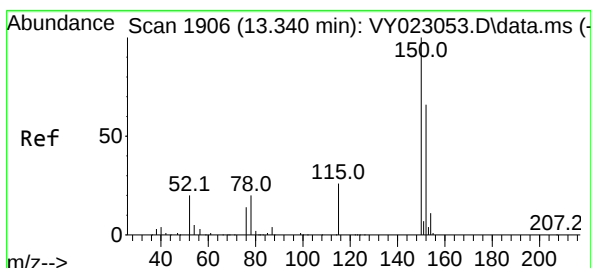
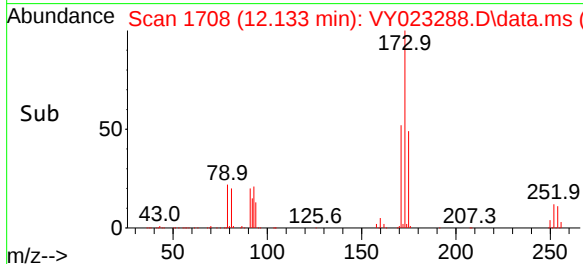
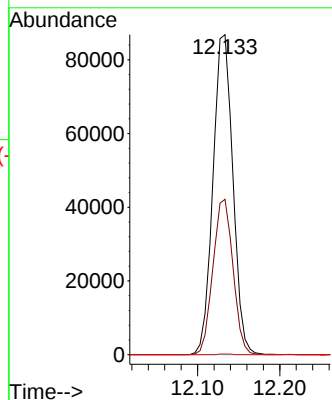
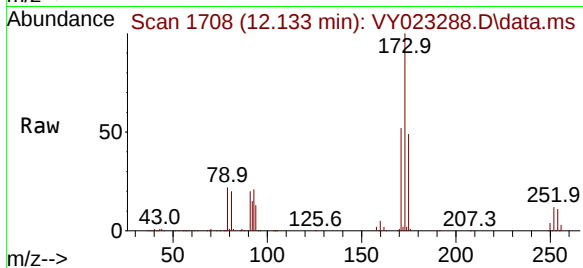
Tgt Ion:173 Resp: 146141

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

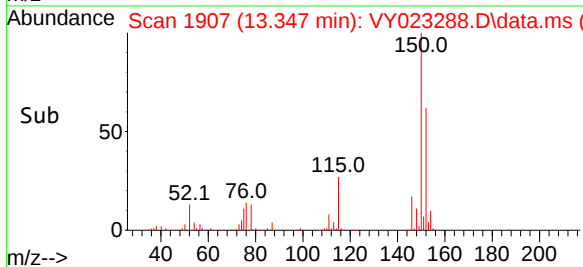
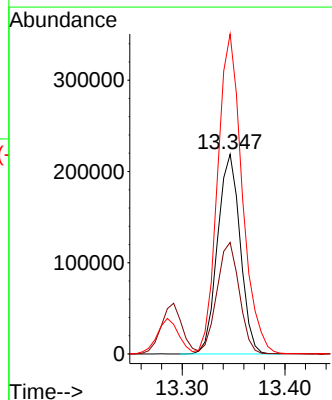
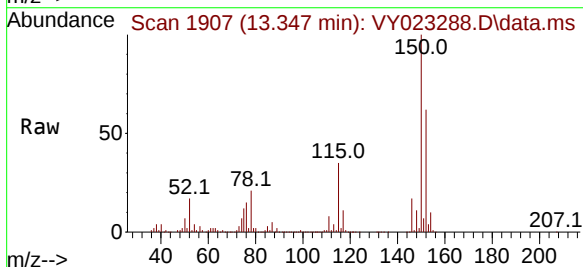
Tgt Ion:152 Resp: 333586

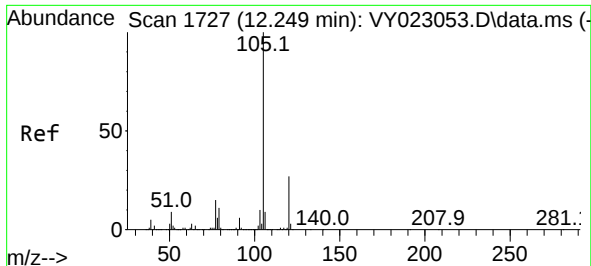
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.6

150 174.4 0.0 348.0

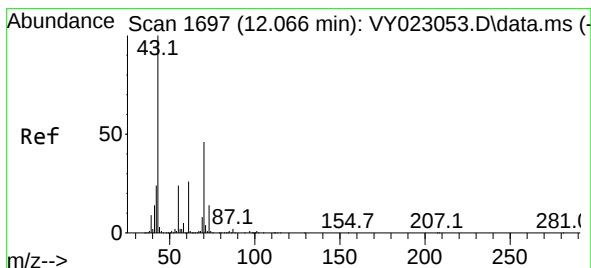
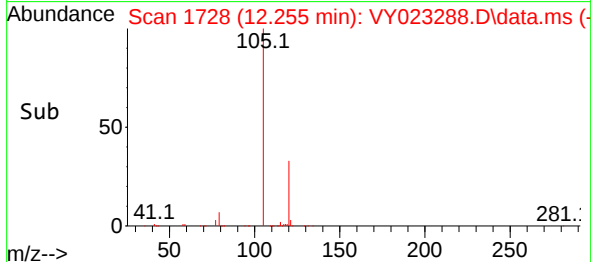
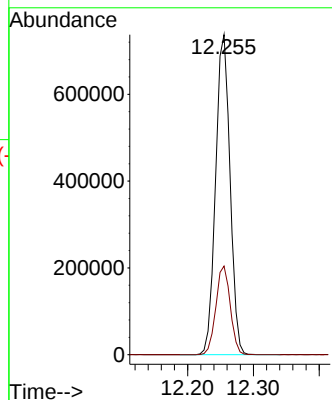
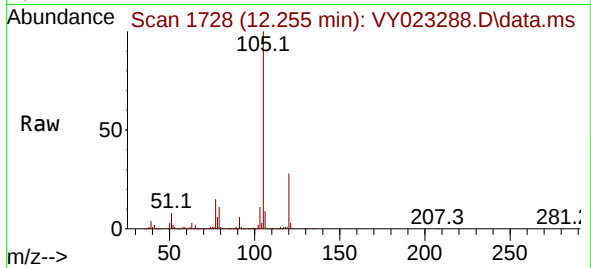




#73
Isopropylbenzene
Concen: 47.786 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

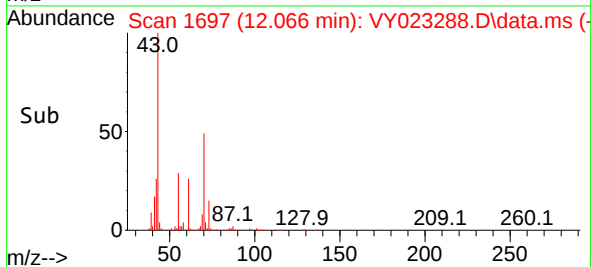
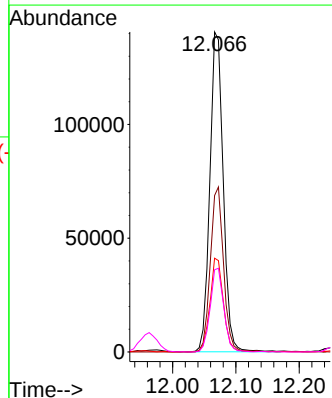
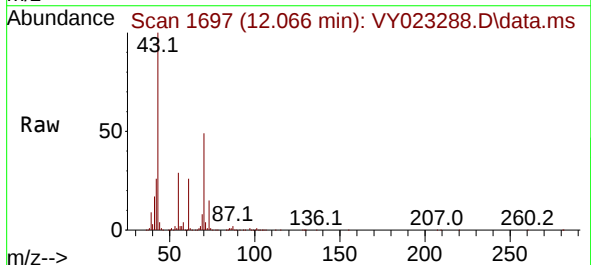
Instrument :
MSVOA_Y
ClientSampleId :

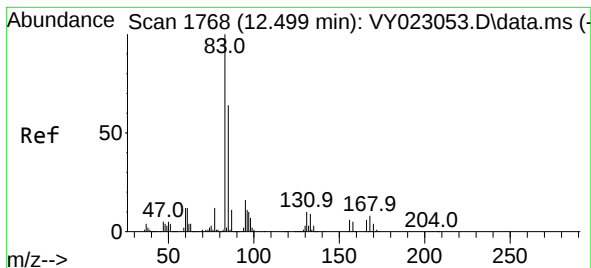
Tgt Ion:105 Resp: 1125079
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 41.488 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 43 Resp: 207146
Ion Ratio Lower Upper
43 100
70 50.9 37.5 56.3
55 29.7 20.7 31.1
61 26.5 20.7 31.1





#75

1,1,2-Tetrachloroethane

Concen: 47.337 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

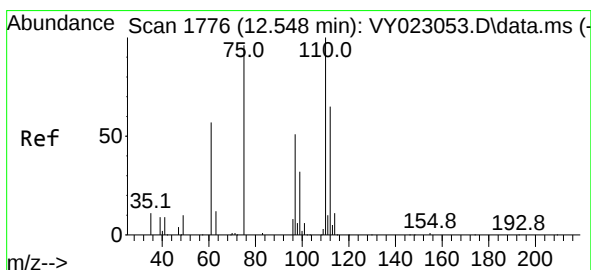
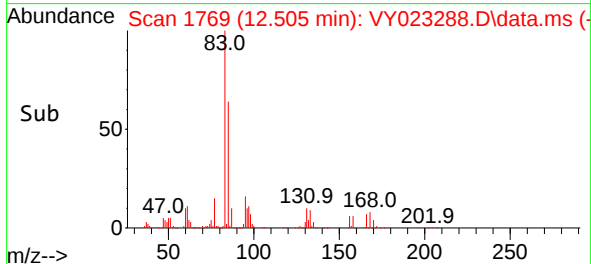
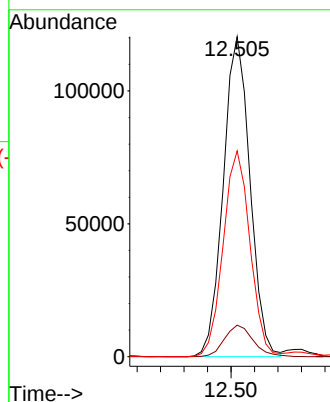
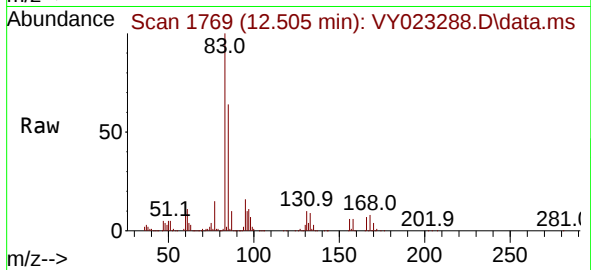
Tgt Ion: 83 Resp: 190300

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 64.5 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 76.512 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023288.D

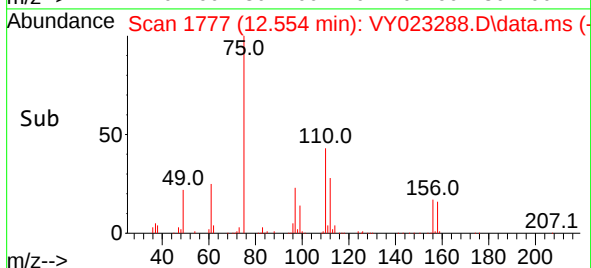
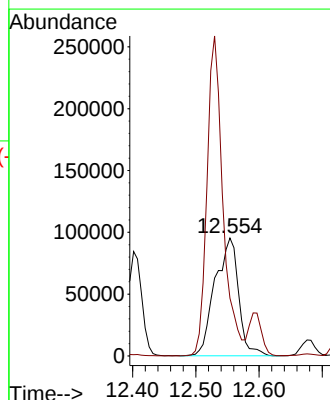
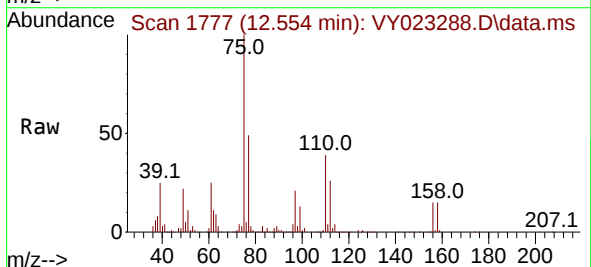
Acq: 04 Sep 2025 16:14

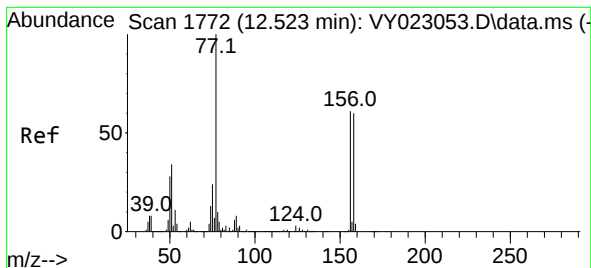
Tgt Ion: 75 Resp: 246326

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.907 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

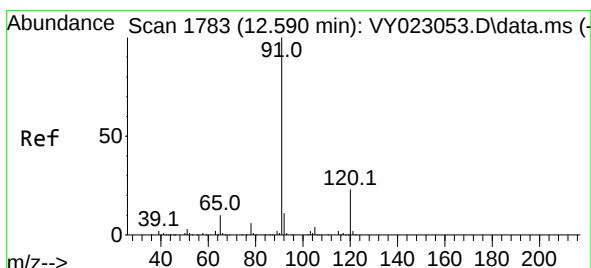
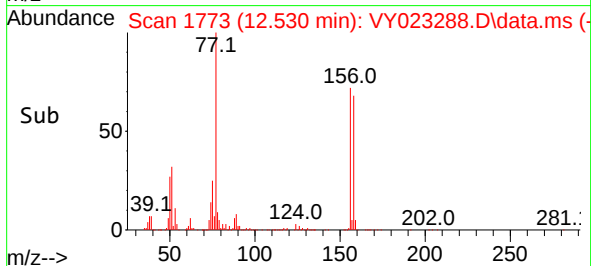
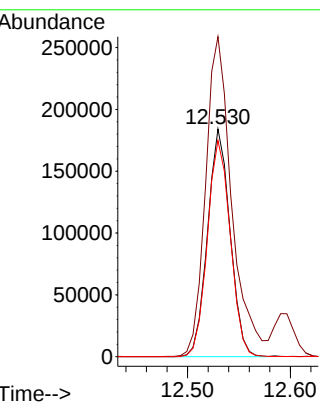
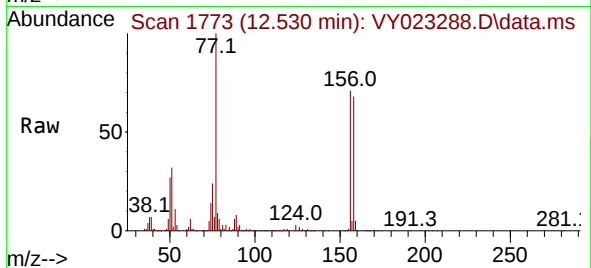
Tgt Ion:156 Resp: 280321

Ion Ratio Lower Upper

156 100

77 162.0 88.1 264.4

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 47.396 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023288.D

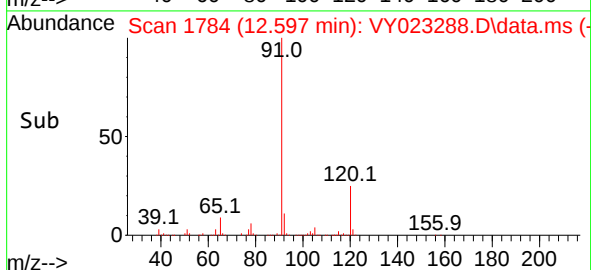
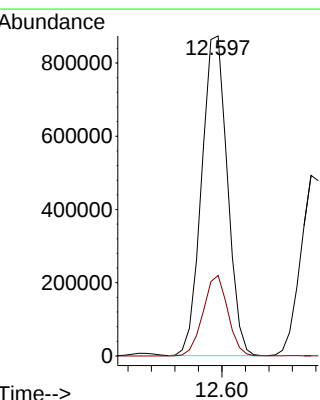
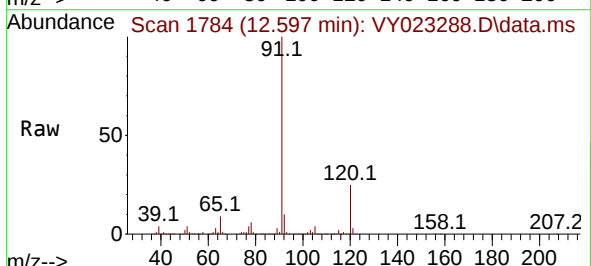
Acq: 04 Sep 2025 16:14

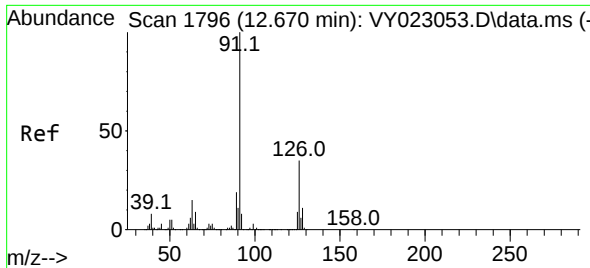
Tgt Ion: 91 Resp: 1328563

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.5

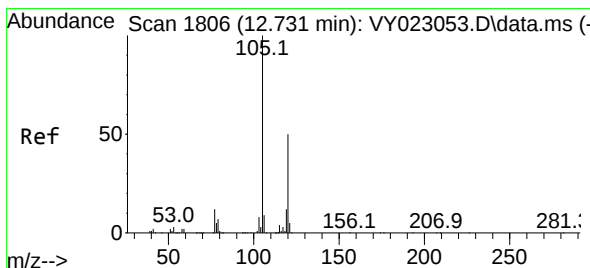
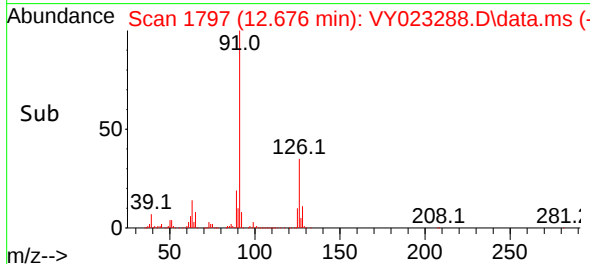
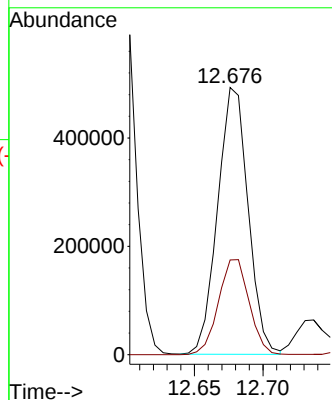
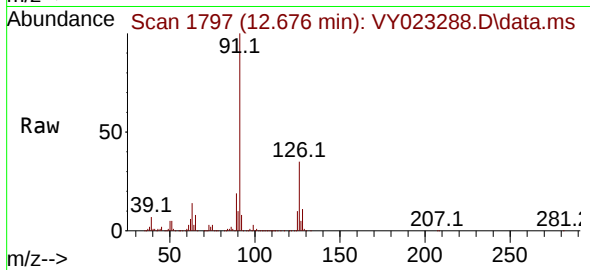




#79
2-Chlorotoluene
Concen: 47.566 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

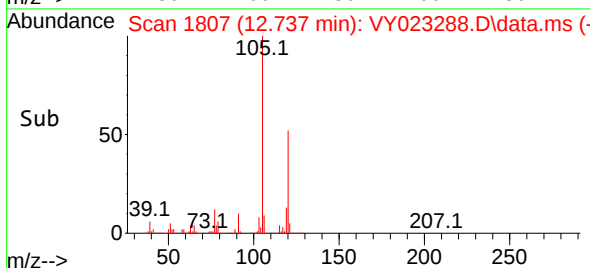
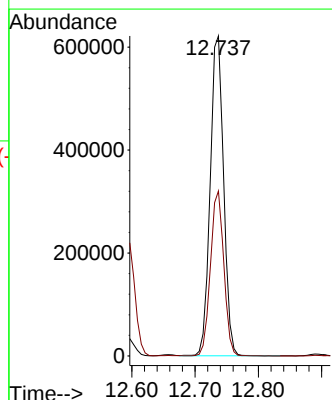
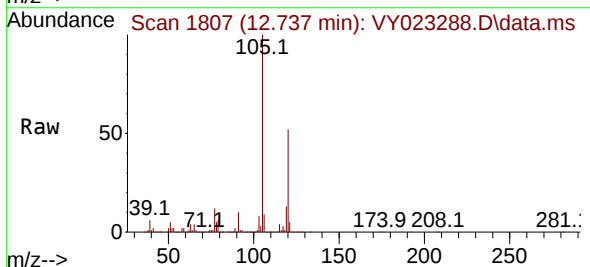
Instrument :
MSVOA_Y
ClientSampleId :

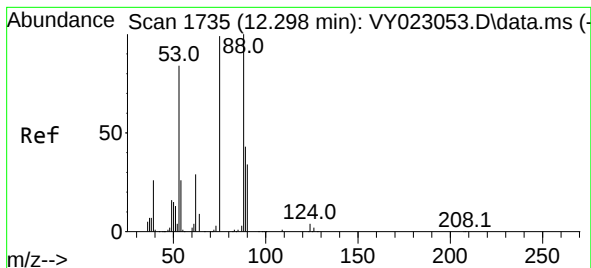
Tgt Ion: 91 Resp: 763927
Ion Ratio Lower Upper
91 100
126 36.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 48.284 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion:105 Resp: 918759
Ion Ratio Lower Upper
105 100
120 51.3 24.8 74.4

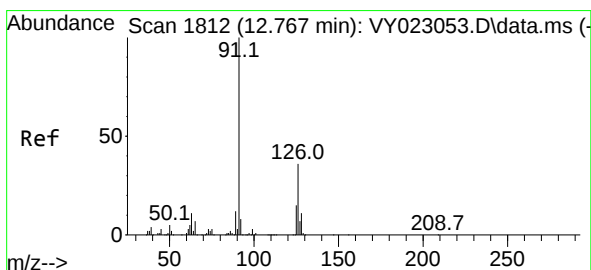
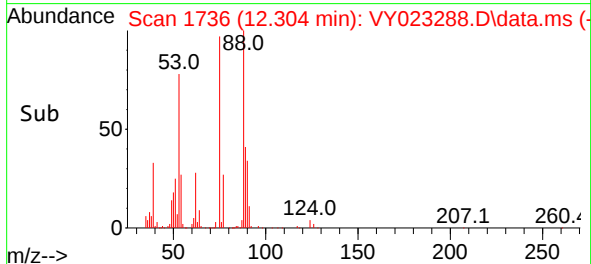
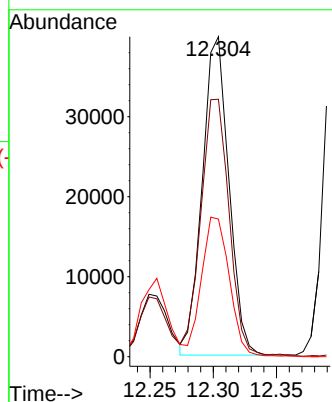
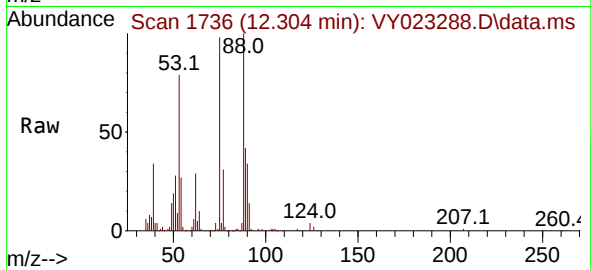




#81
trans-1,4-Dichloro-2-butene
Concen: 43.801 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

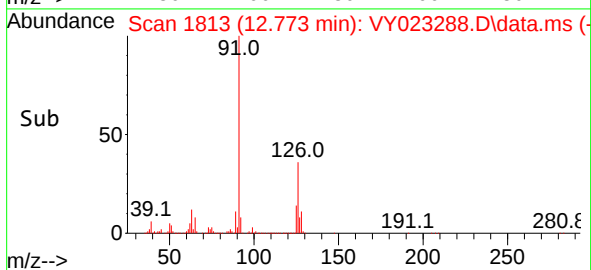
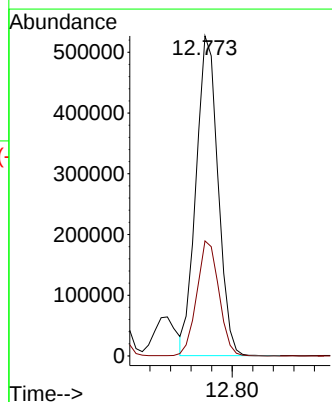
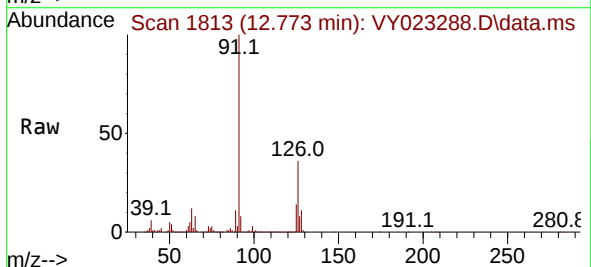
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58255
Ion Ratio Lower Upper
75 100
53 86.4 70.8 106.2
89 45.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 46.856 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 91 Resp: 780663
Ion Ratio Lower Upper
91 100
126 36.4 17.3 52.0





#83

tert-Butylbenzene

Concen: 49.722 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

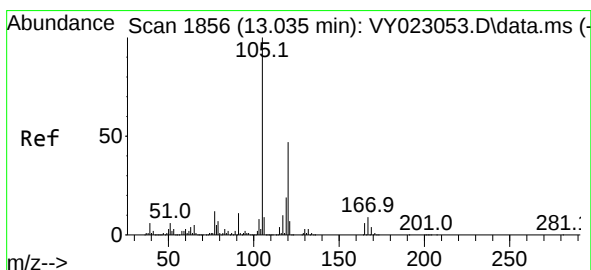
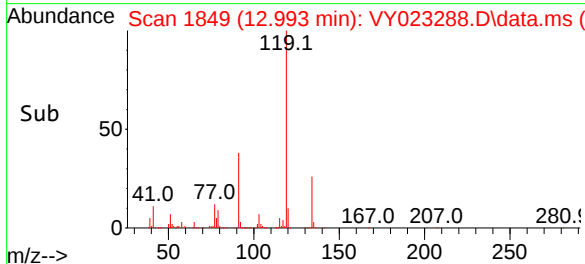
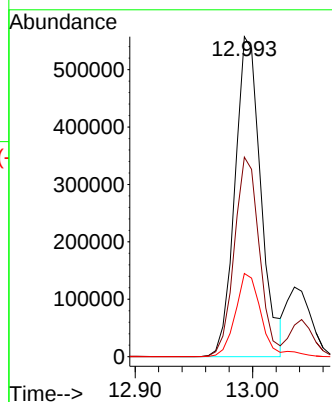
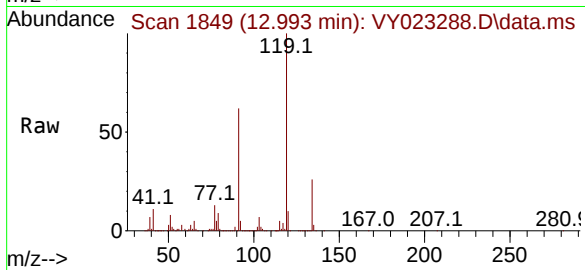
Tgt Ion:119 Resp: 854512

Ion Ratio Lower Upper

119 100

91 60.2 31.6 94.8

134 26.1 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 48.801 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023288.D

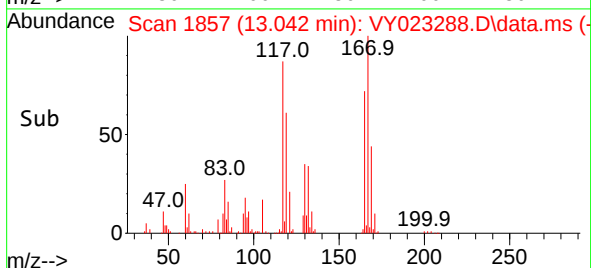
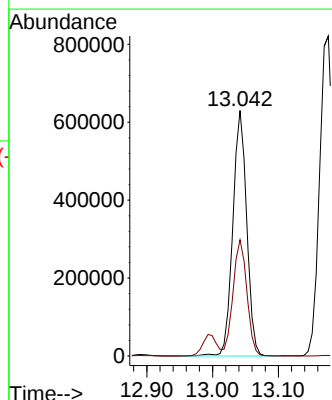
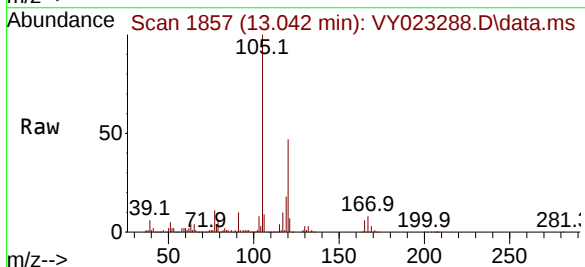
Acq: 04 Sep 2025 16:14

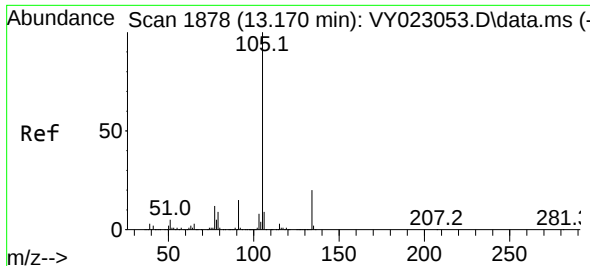
Tgt Ion:105 Resp: 924377

Ion Ratio Lower Upper

105 100

120 47.5 23.0 69.0

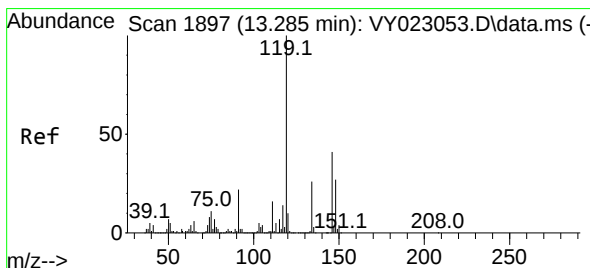
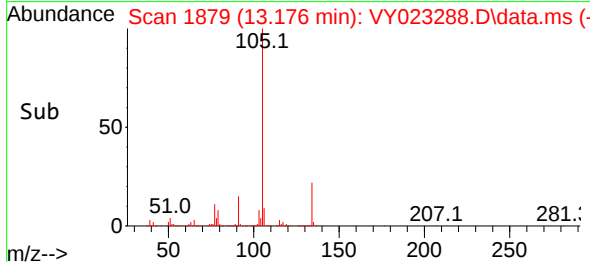
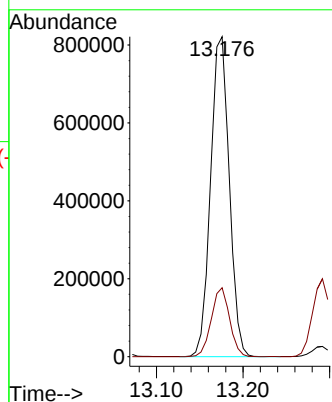
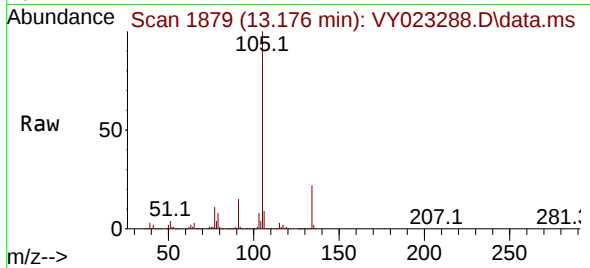




#85
 sec-Butylbenzene
 Concen: 48.718 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

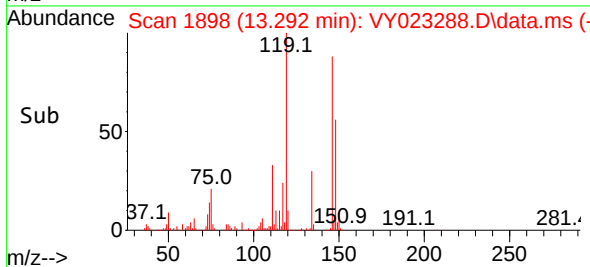
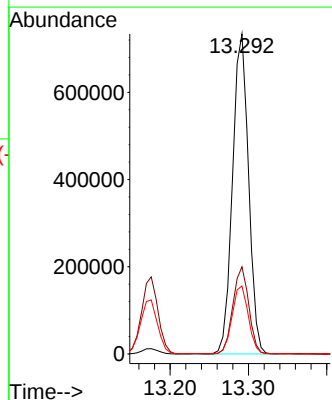
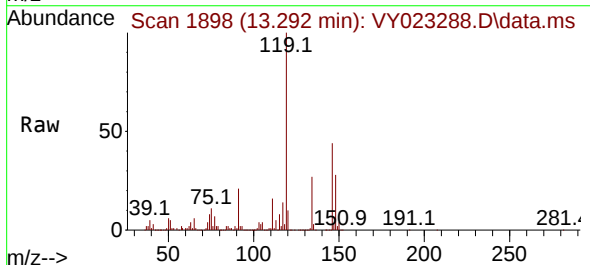
Instrument :
 MSVOA_Y
 ClientSampleId :

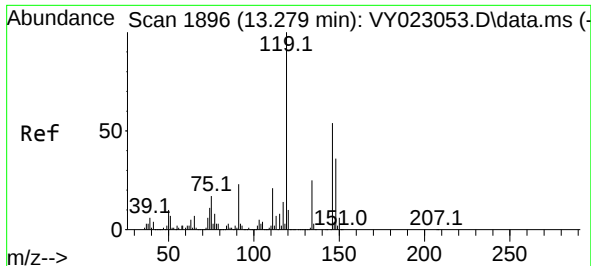
Tgt Ion:105 Resp: 1229909
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.664 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

Tgt Ion:119 Resp: 1040717
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 21.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 50.262 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

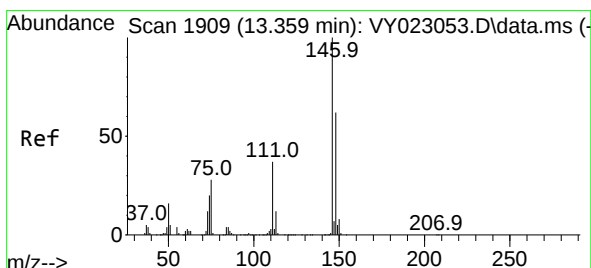
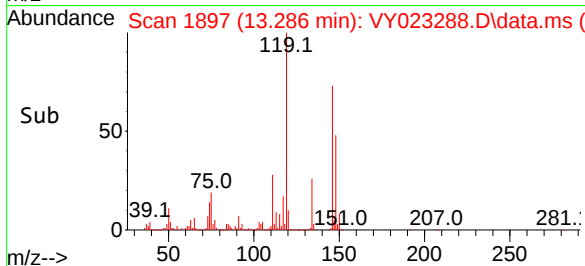
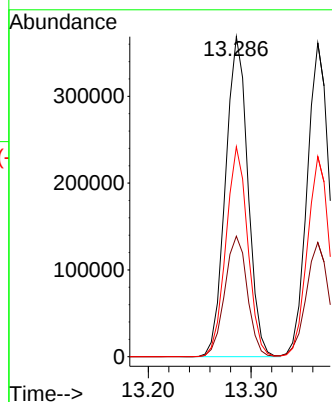
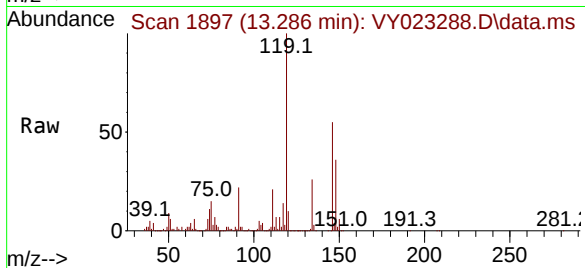
Tgt Ion:146 Resp: 556734

Ion Ratio Lower Upper

146 100

111 37.9 19.6 58.7

148 63.9 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 49.278 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

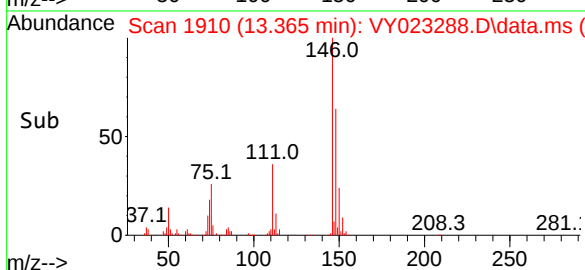
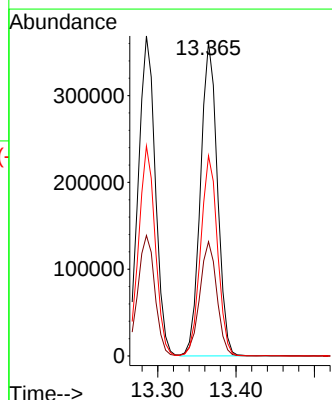
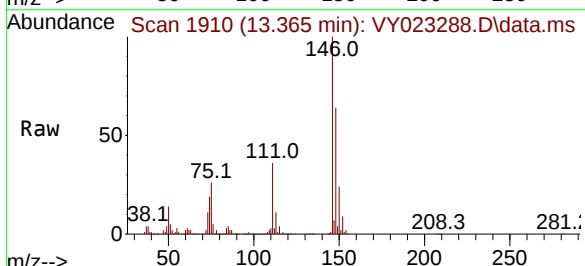
Tgt Ion:146 Resp: 541465

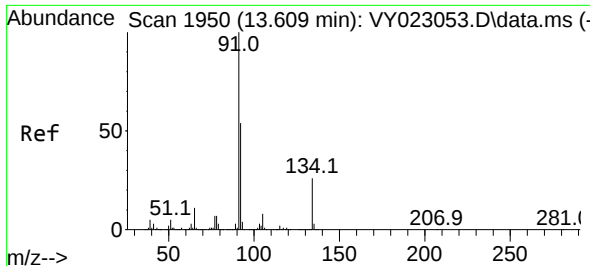
Ion Ratio Lower Upper

146 100

111 36.9 19.1 57.1

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 47.496 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

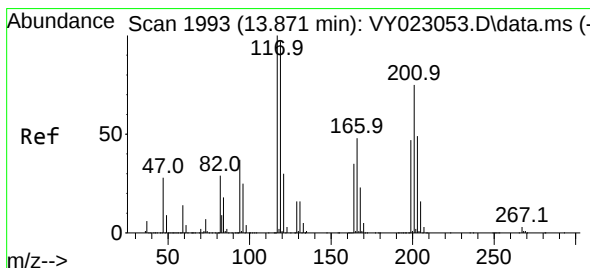
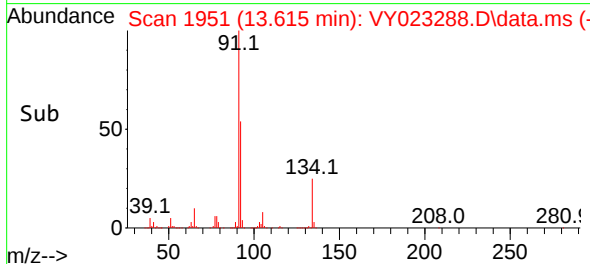
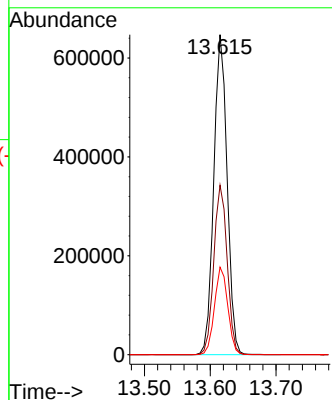
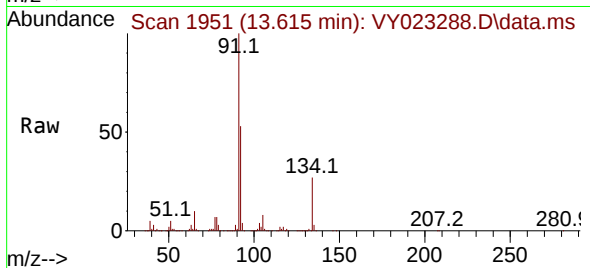
Tgt Ion: 91 Resp: 914124

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.7

134 27.3 13.2 39.5



#90

Hexachloroethane

Concen: 50.772 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023288.D

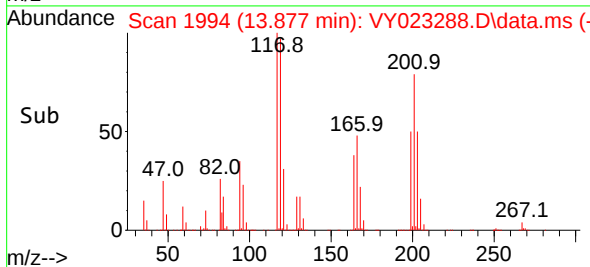
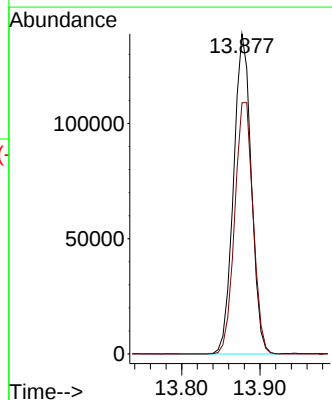
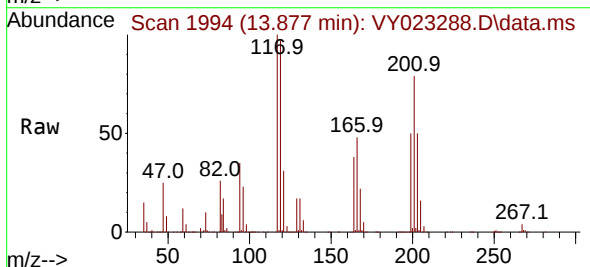
Acq: 04 Sep 2025 16:14

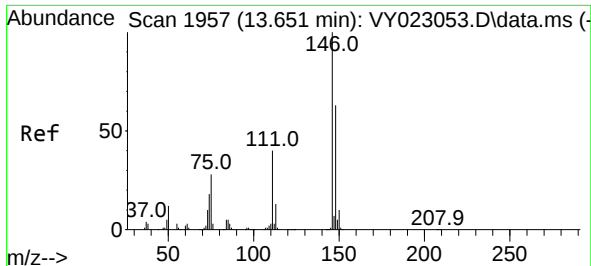
Tgt Ion: 117 Resp: 217797

Ion Ratio Lower Upper

117 100

201 81.6 38.4 115.1

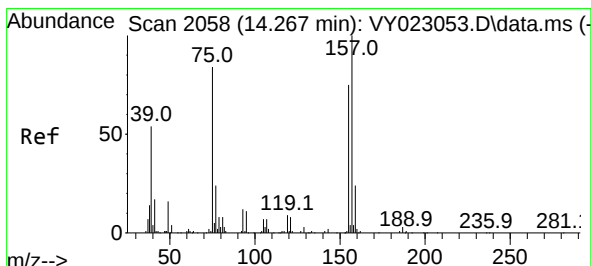
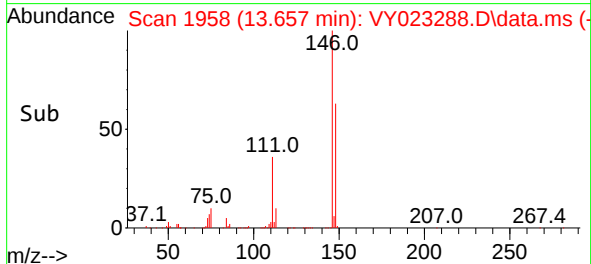
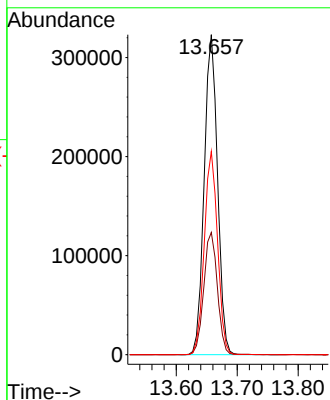
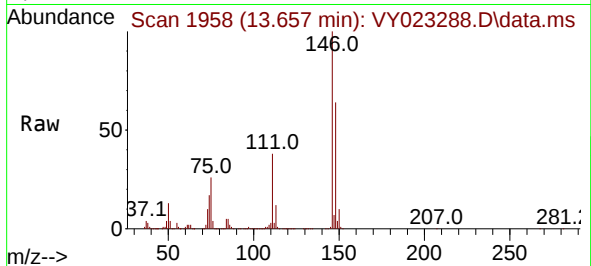




#91
 1,2-Dichlorobenzene
 Concen: 50.627 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

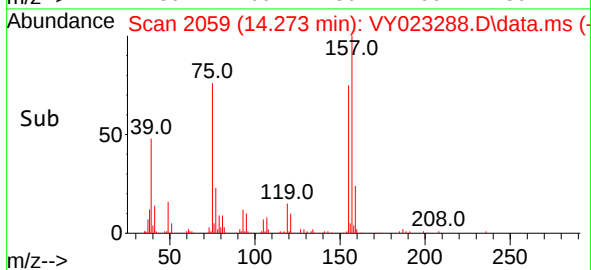
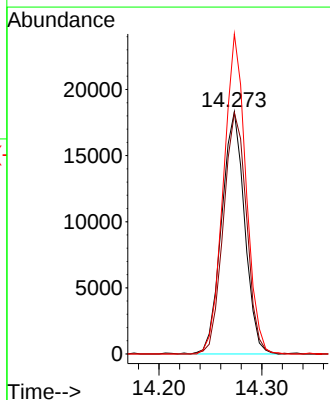
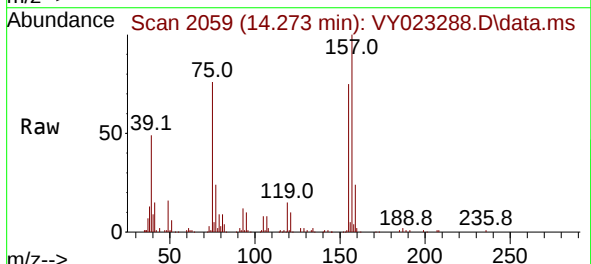
Instrument :
 MSVOA_Y
 ClientSampleId :

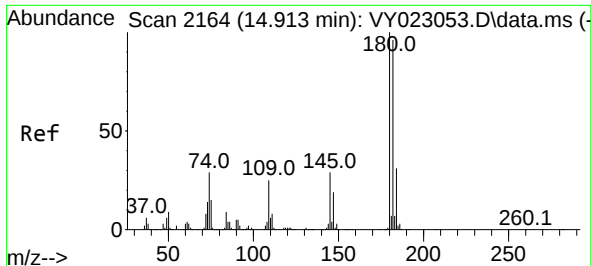
Tgt Ion:146 Resp: 491809
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.3 60.8
 148 63.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.348 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

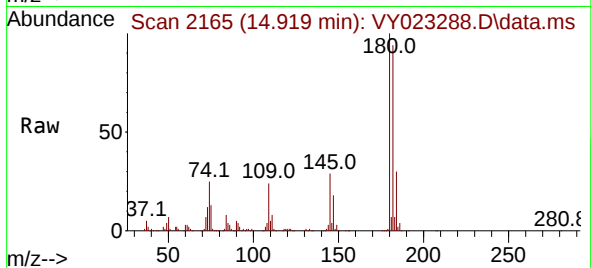
Tgt Ion: 75 Resp: 28384
 Ion Ratio Lower Upper
 75 100
 155 100.3 43.9 131.6
 157 128.5 57.2 171.6



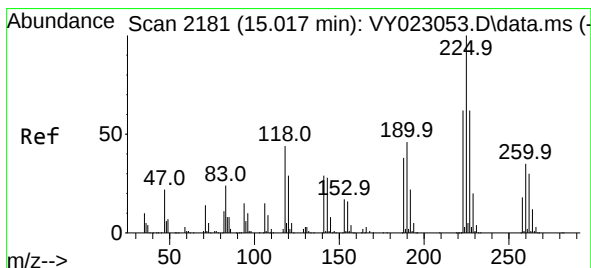
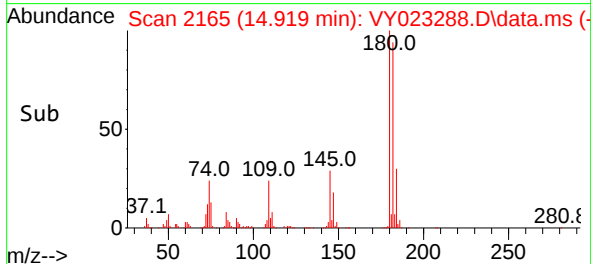
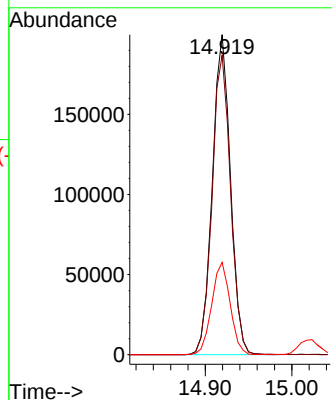


#93
 1,2,4-Trichlorobenzene
 Concen: 50.522 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :

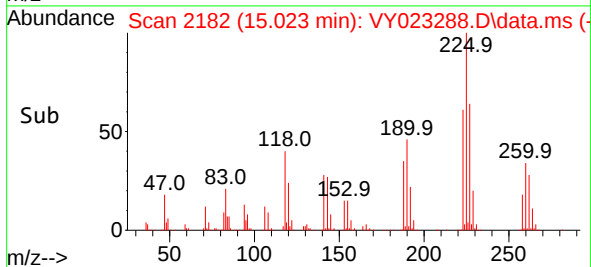
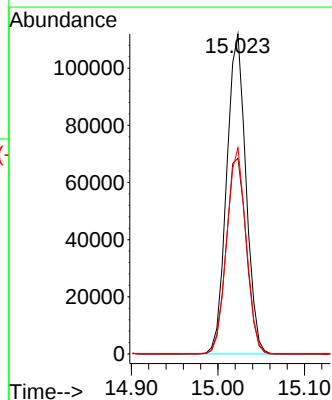
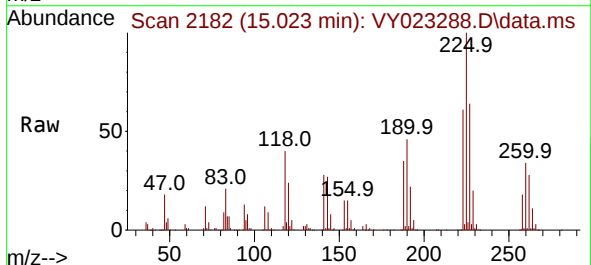


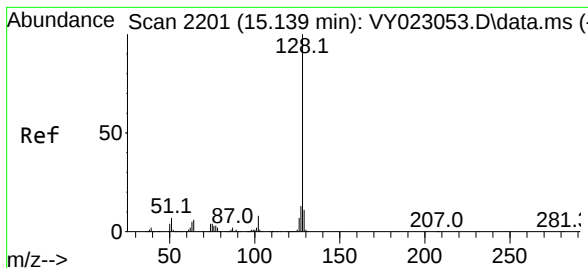
Tgt Ion:180 Resp: 290233
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.8 140.4
 145 29.4 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 51.252 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

Tgt Ion:225 Resp: 173012
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.3 93.8
 227 64.9 31.5 94.5





#95

Naphthalene

Concen: 49.871 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

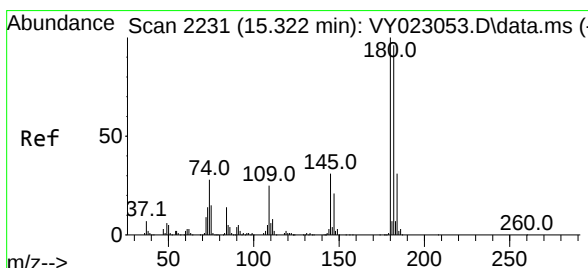
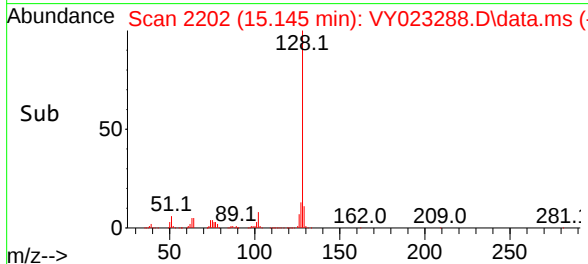
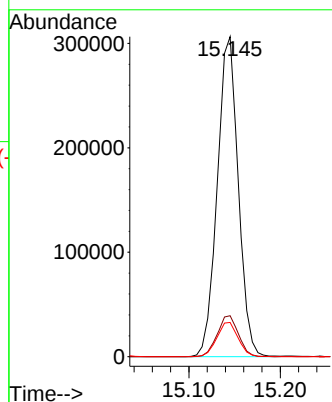
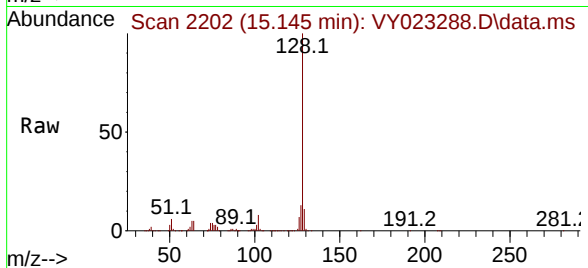
Tgt Ion:128 Resp: 488523

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 51.360 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Tgt Ion:180 Resp: 254242

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 30.7 15.9 47.7

