

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023293.D
 Acq On : 05 Sep 2025 11:14
 Operator : SY/MD
 Sample : VY0905SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:54:07 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	7.707	168	450289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	676614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	602095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	311021	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	213067	49.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.300%
35) Dibromofluoromethane	7.634	113	226777	56.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.020%
50) Toluene-d8	10.103	98	859011	54.312	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.620%
62) 4-Bromofluorobenzene	12.402	95	270943	53.267	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	78188	21.273	ug/l	100
3) Chloromethane	2.068	50	113736	19.105	ug/l	98
4) Vinyl Chloride	2.202	62	152715	20.752	ug/l	97
5) Bromomethane	2.586	94	123492	22.470	ug/l	96
6) Chloroethane	2.733	64	101555	20.758	ug/l	97
7) Trichlorofluoromethane	3.050	101	193090	21.579	ug/l	96
8) Diethyl Ether	3.452	74	48196	20.358	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.806	101	97608	22.111	ug/l	98
10) Methyl Iodide	4.001	142	96868	20.335	ug/l	99
11) Tert butyl alcohol	4.866	59	26060	88.623	ug/l	100
12) 1,1-Dichloroethene	3.787	96	89552	20.638	ug/l	87
13) Acrolein	3.653	56	16921	39.292	ug/l	96
14) Allyl chloride	4.385	41	113930	17.844	ug/l	97
15) Acrylonitrile	5.055	53	94669	98.362	ug/l	99
16) Acetone	3.866	43	126980	136.575	ug/l	99
17) Carbon Disulfide	4.104	76	268168	18.954	ug/l	99
18) Methyl Acetate	4.379	43	53319	19.271	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	215866	19.198	ug/l	100
20) Methylene Chloride	4.616	84	109688	21.135	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	99635	20.432	ug/l	98
22) Diisopropyl ether	6.019	45	260922	18.806	ug/l	94
23) Vinyl Acetate	5.958	43	693612	90.411	ug/l	96
24) 1,1-Dichloroethane	5.909	63	170184	20.063	ug/l	99
25) 2-Butanone	6.896	43	143378	113.388	ug/l	94
26) 2,2-Dichloropropane	6.884	77	149436	20.416	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	116061	20.588	ug/l	95
28) Bromochloromethane	7.244	49	67948	20.190	ug/l	92
29) Tetrahydrofuran	7.262	42	72768	92.840	ug/l	97
30) Chloroform	7.421	83	181922	20.795	ug/l	96
31) Cyclohexane	7.701	56	144268	18.048	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	163472	21.059	ug/l	99
36) 1,1-Dichloropropene	7.835	75	126050	20.949	ug/l	97
37) Ethyl Acetate	6.988	43	52401	20.732	ug/l	99
38) Carbon Tetrachloride	7.817	117	147621	22.589	ug/l	98
39) Methylcyclohexane	9.109	83	158099	19.953	ug/l	96
40) Benzene	8.079	78	398771	21.503	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	25420	17.427	ug/l #	88
42) 1,2-Dichloroethane	8.158	62	101593	21.064	ug/l	98
43) Isopropyl Acetate	8.195	43	97984	19.180	ug/l	97
44) Trichloroethene	8.866	130	112994	23.578	ug/l	97
45) 1,2-Dichloropropane	9.140	63	91888	21.535	ug/l	94
46) Dibromomethane	9.225	93	54642	22.311	ug/l	96
47) Bromodichloromethane	9.420	83	138681	22.006	ug/l	100
48) Methyl methacrylate	9.219	41	46441	18.998	ug/l	95
49) 1,4-Dioxane	9.231	88	11993	417.634	ug/l	94
51) 4-Methyl-2-Pentanone	9.993	43	264376	100.328	ug/l	98
52) Toluene	10.170	92	255339	21.679	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	119538	20.947	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	142385	21.100	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	73913	22.554	ug/l	98
56) Ethyl methacrylate	10.438	69	80074	19.095	ug/l	97
57) 1,3-Dichloropropane	10.719	76	120997	21.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	183464	92.750	ug/l	96
59) 2-Hexanone	10.762	43	199102	110.962	ug/l	99
60) Dibromochloromethane	10.908	129	101081	23.376	ug/l	100
61) 1,2-Dibromoethane	11.012	107	70115	22.763	ug/l	97
64) Tetrachloroethene	10.646	164	138345	25.732	ug/l	95
65) Chlorobenzene	11.438	112	282915	21.784	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	100761	22.860	ug/l	98
67) Ethyl Benzene	11.518	91	460968	20.625	ug/l	99
68) m/p-Xylenes	11.627	106	370749	42.473	ug/l	98
69) o-Xylene	11.950	106	170174	20.815	ug/l	97
70) Styrene	11.969	104	286170	21.404	ug/l	97
71) Bromoform	12.127	173	59684	23.168	ug/l #	98
73) Isopropylbenzene	12.249	105	446308	20.331	ug/l	99
74) N-amyl acetate	12.066	43	82131	17.643	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	74853	19.971	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	100581	33.508	ug/l #	100
77) Bromobenzene	12.530	156	113793	21.729	ug/l	94
78) n-propylbenzene	12.591	91	534691	20.459	ug/l	99
79) 2-Chlorotoluene	12.676	91	304262	20.319	ug/l	97
80) 1,3,5-Trimethylbenzene	12.731	105	364679	20.556	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	24079	19.418	ug/l	97
82) 4-Chlorotoluene	12.773	91	316819	20.395	ug/l	97
83) tert-Butylbenzene	12.993	119	330385	20.619	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	365768	20.711	ug/l	98
85) sec-Butylbenzene	13.170	105	486403	20.665	ug/l	99
86) p-Isopropyltoluene	13.286	119	401104	20.530	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	225811	21.865	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	225144	21.977	ug/l	99
89) n-Butylbenzene	13.615	91	357364	19.915	ug/l	98
90) Hexachloroethane	13.877	117	87630	21.910	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	200140	22.097	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12255	21.000	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	113451	21.182	ug/l	97
94) Hexachlorobutadiene	15.017	225	72751	23.115	ug/l	99
95) Naphthalene	15.139	128	182836	20.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	99361	21.529	ug/l	99

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Instrument :
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ClientSampleId :

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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

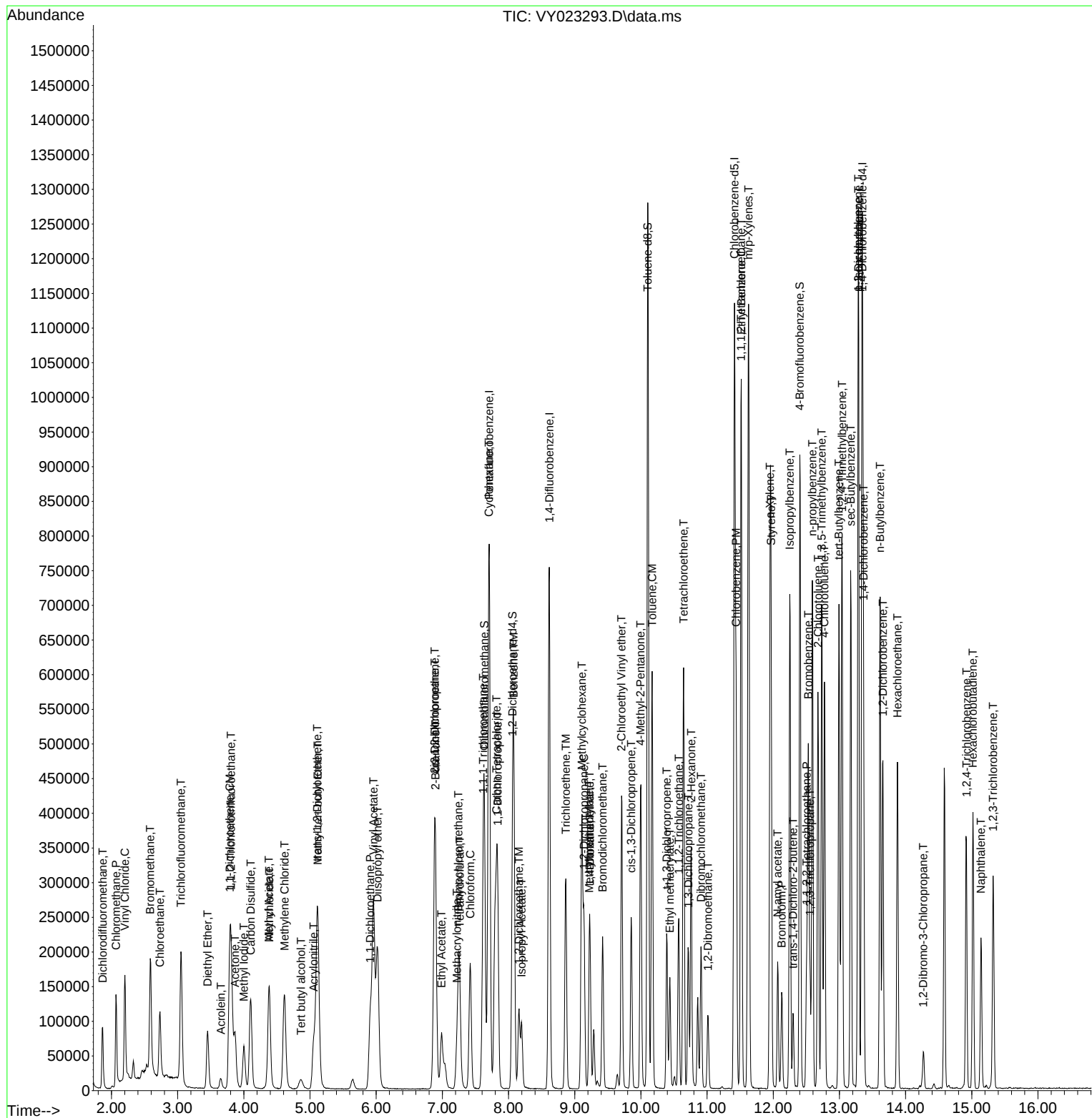
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY023293.D
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 Sample : VY0905SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:54:07 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

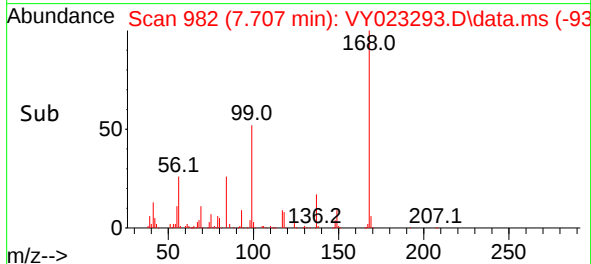
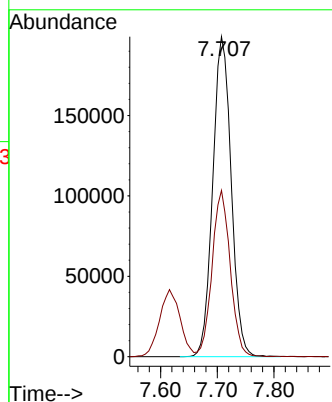
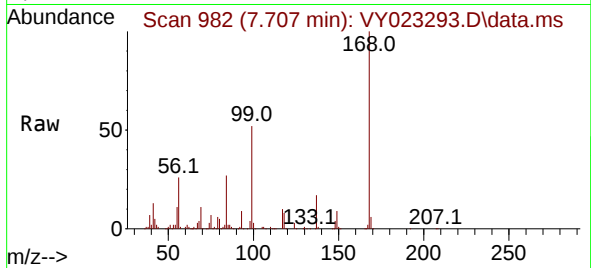




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023293.D
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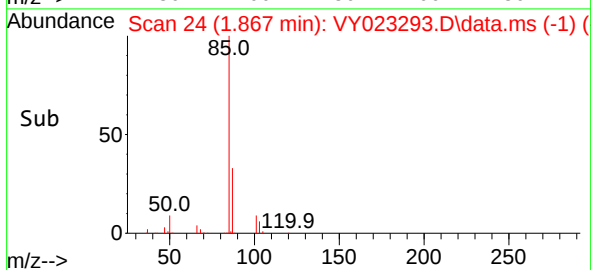
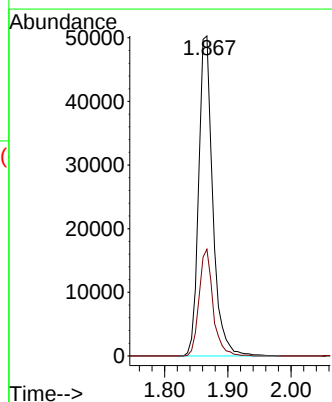
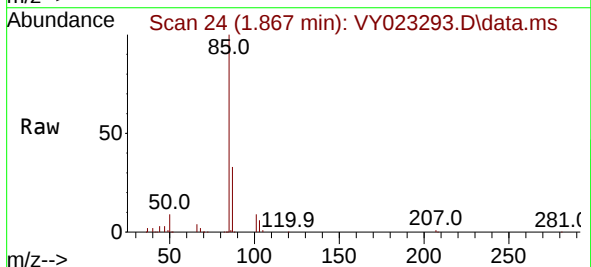
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 450289
Ion Ratio Lower Upper
168 100
99 51.9 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.273 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 85 Resp: 78188
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.8

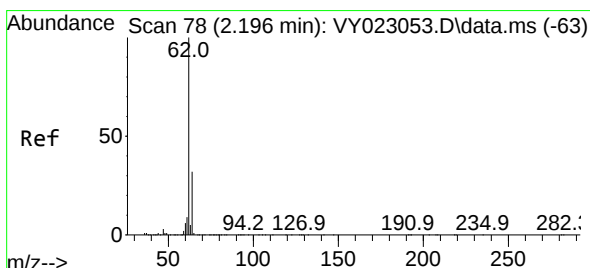
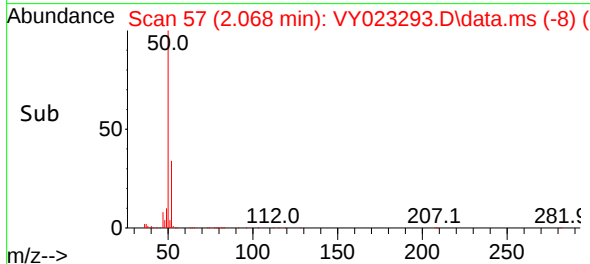
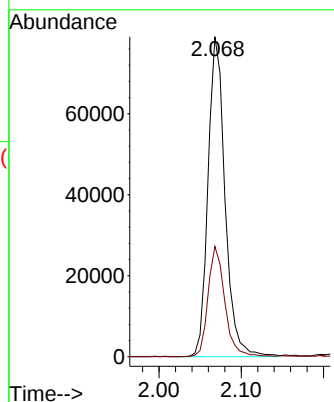
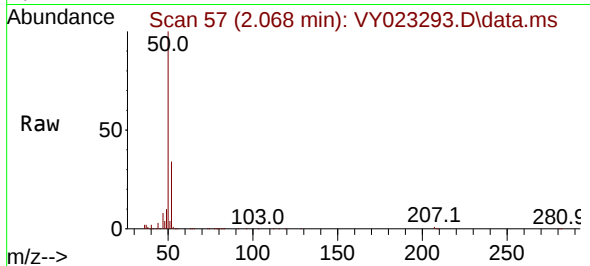




#3
Chloromethane
Concen: 19.105 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

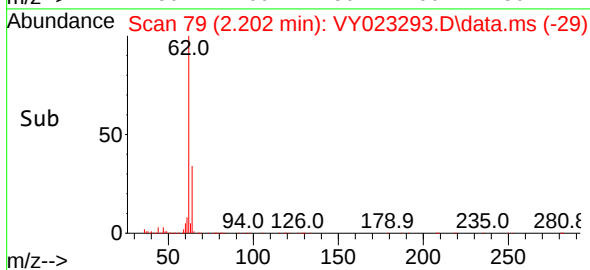
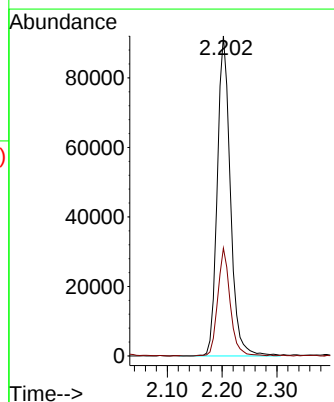
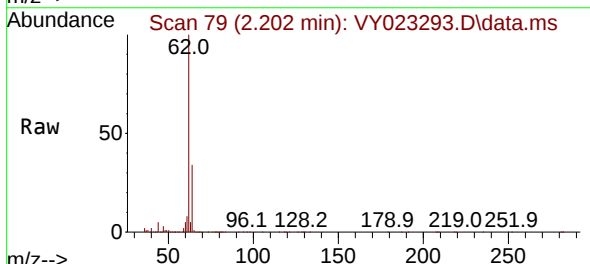
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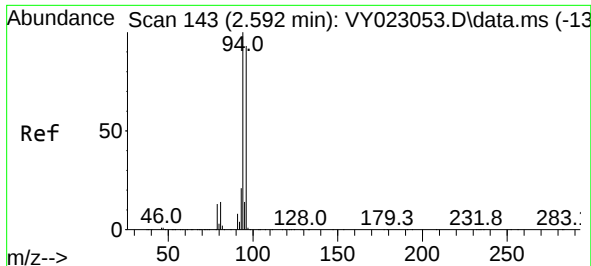
Tgt Ion: 50 Resp: 113736
Ion Ratio Lower Upper
50 100
52 34.5 26.7 40.1



#4
Vinyl Chloride
Concen: 20.752 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 62 Resp: 152715
Ion Ratio Lower Upper
62 100
64 33.6 25.4 38.0

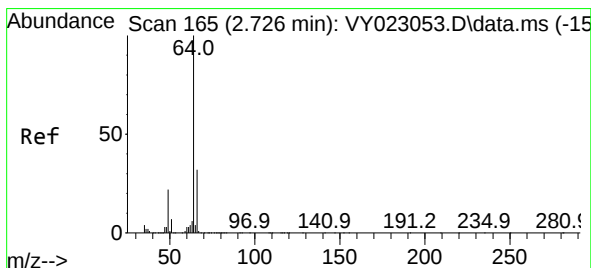
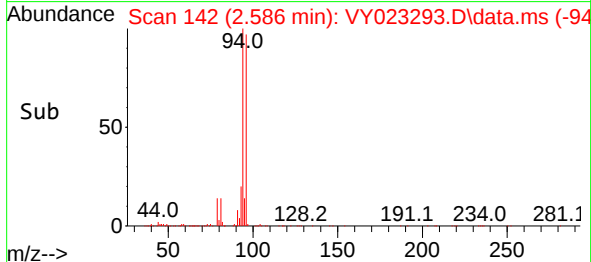
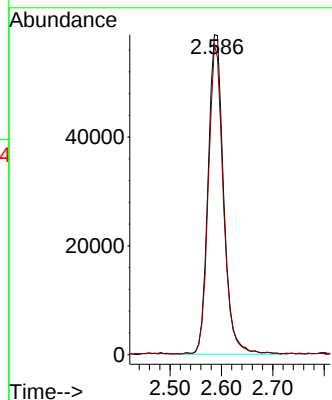
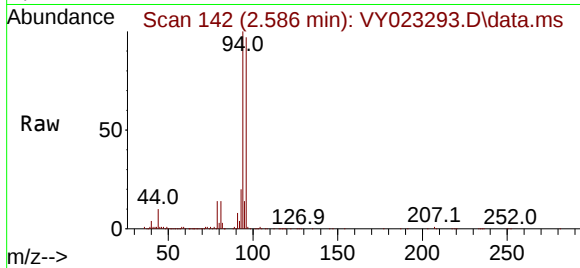




#5
Bromomethane
Concen: 22.470 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

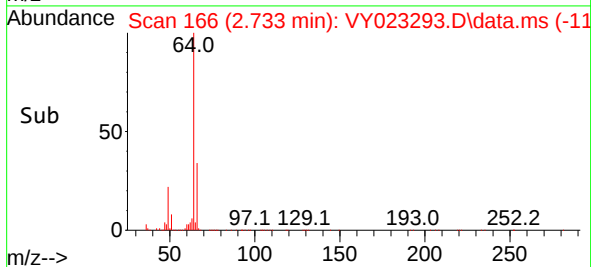
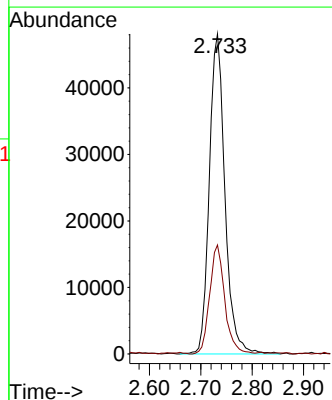
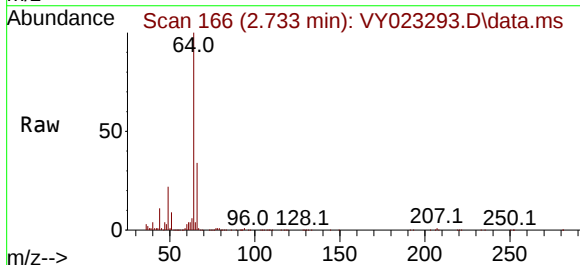
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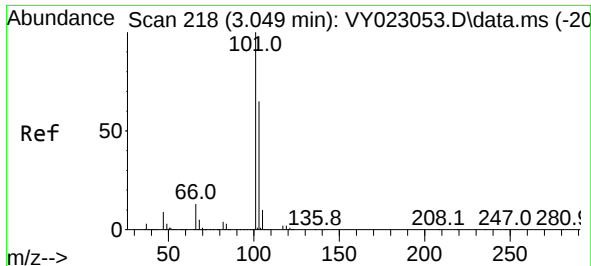
Tgt Ion: 94 Resp: 123492
Ion Ratio Lower Upper
94 100
96 96.8 74.6 112.0



#6
Chloroethane
Concen: 20.758 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 64 Resp: 101555
Ion Ratio Lower Upper
64 100
66 33.8 25.8 38.6

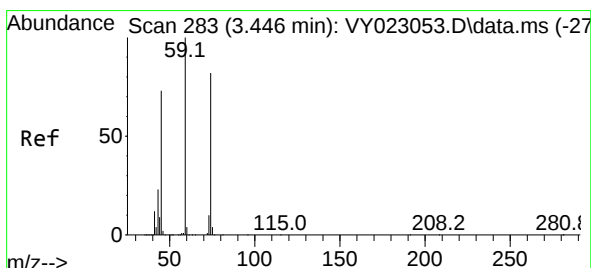
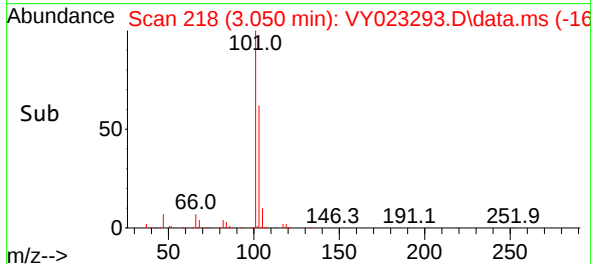
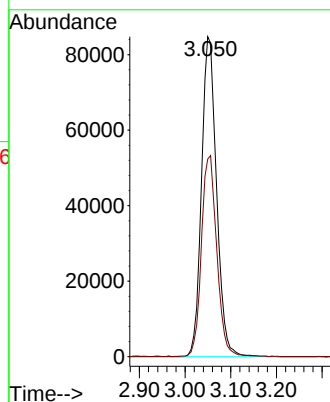
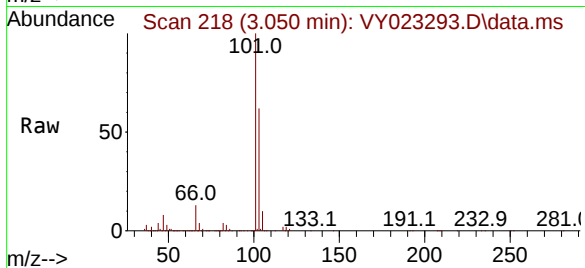




#7
Trichlorofluoromethane
Concen: 21.579 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

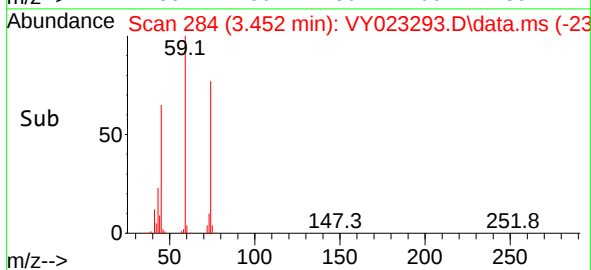
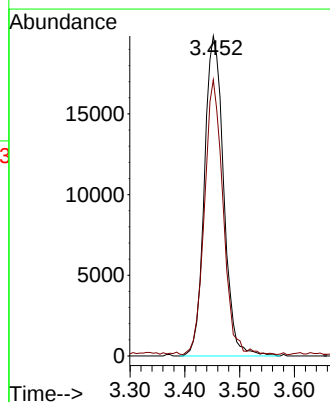
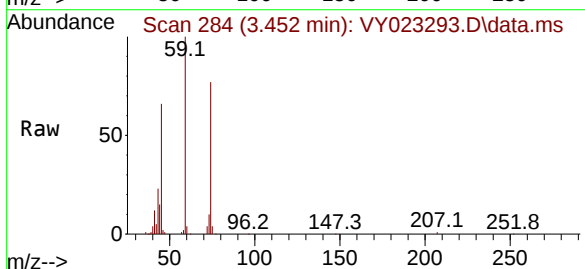
Instrument :
MSVOA_Y
ClientSampleId :

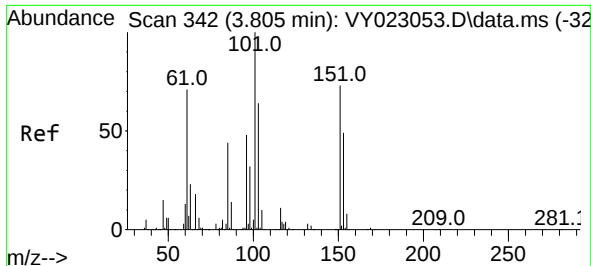
Tgt Ion:101 Resp: 193090
Ion Ratio Lower Upper
101 100
103 61.7 51.9 77.9



#8
Diethyl Ether
Concen: 20.358 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 74 Resp: 48196
Ion Ratio Lower Upper
74 100
45 82.4 44.4 133.2

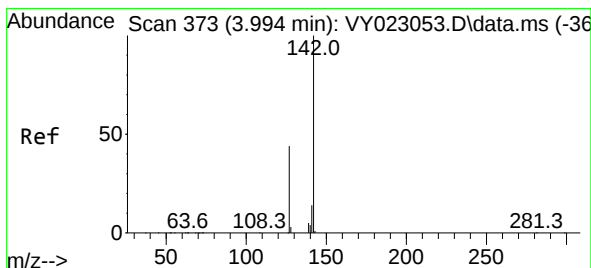
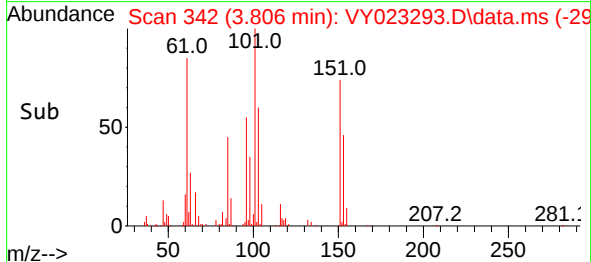
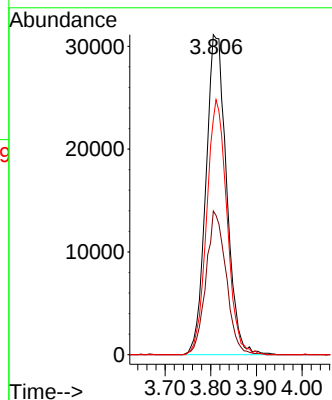
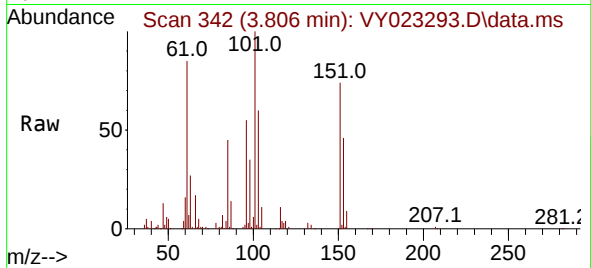




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.111 ug/l
 RT: 3.806 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VY023293.D
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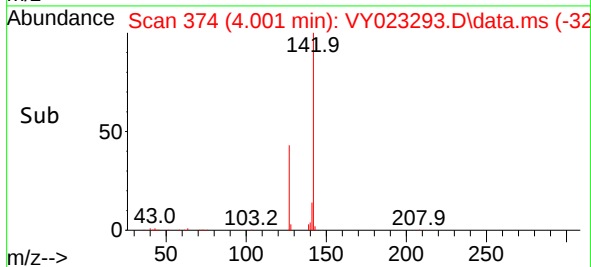
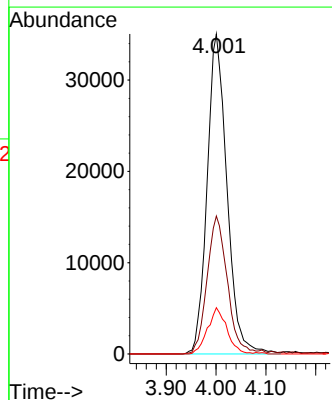
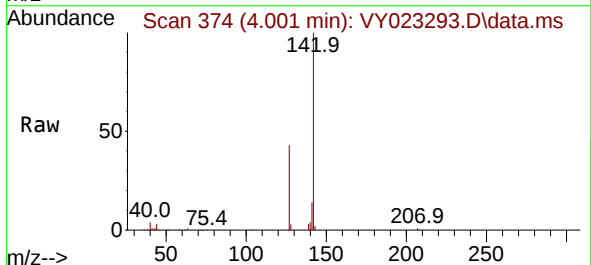
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 97608
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.3 54.5
 151 78.1 61.5 92.3



#10
 Methyl Iodide
 Concen: 20.335 ug/l
 RT: 4.001 min Scan# 374
 Delta R.T. 0.006 min
 Lab File: VY023293.D
 Acq: 05 Sep 2025 11:14

Tgt Ion:142 Resp: 96868
 Ion Ratio Lower Upper
 142 100
 127 44.3 34.9 52.3
 141 14.1 11.3 16.9





#11

Tert butyl alcohol

Concen: 88.623 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

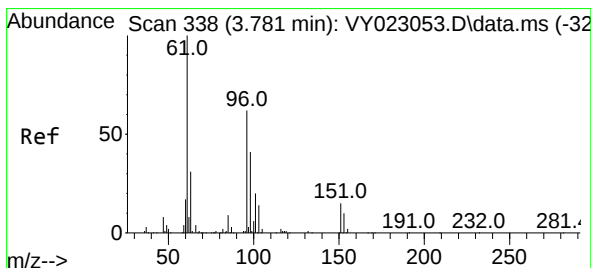
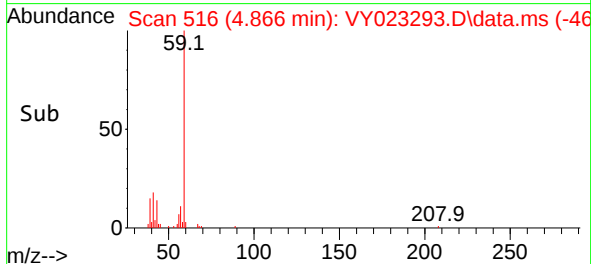
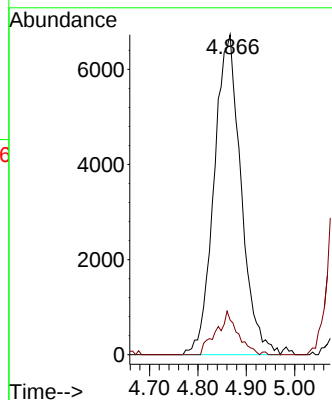
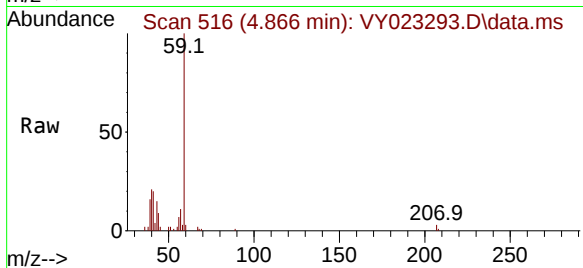
ClientSampleId :

Tgt Ion: 59 Resp: 26060

Ion Ratio Lower Upper

59 100

57 10.8 8.6 13.0



#12

1,1-Dichloroethene

Concen: 20.638 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

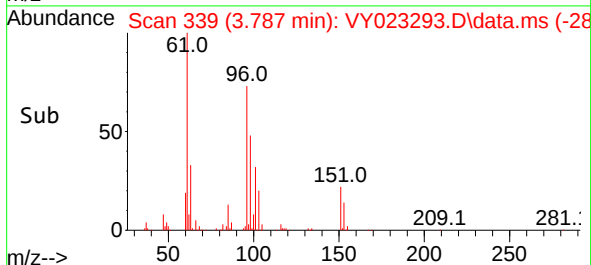
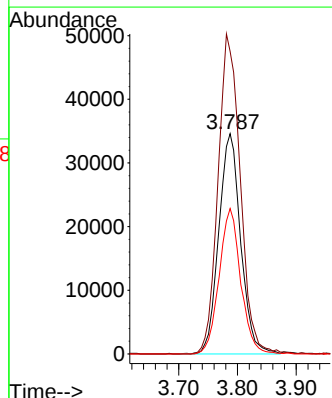
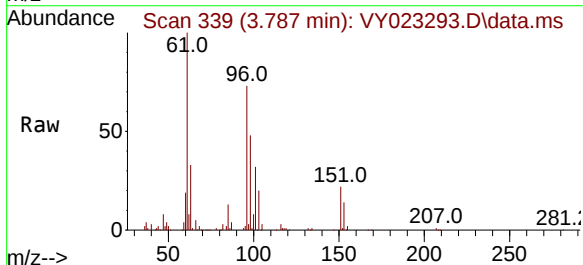
Tgt Ion: 96 Resp: 89552

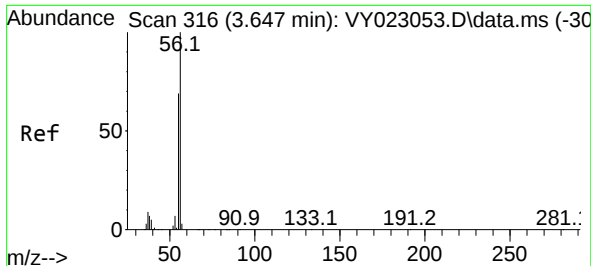
Ion Ratio Lower Upper

96 100

61 137.3 129.4 194.2

98 66.0 52.8 79.2

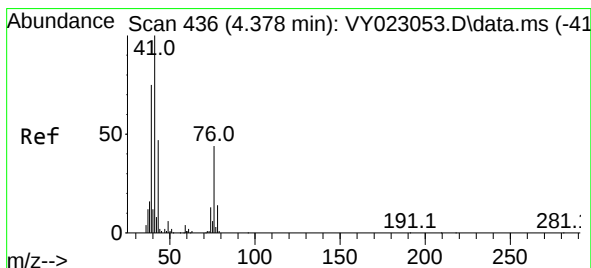
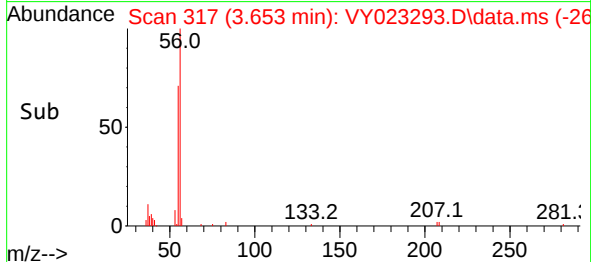
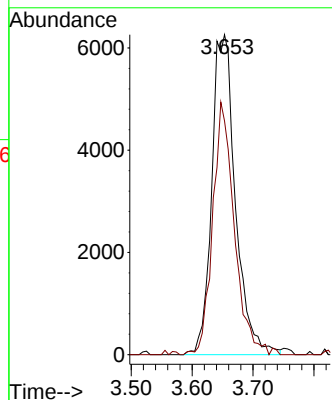
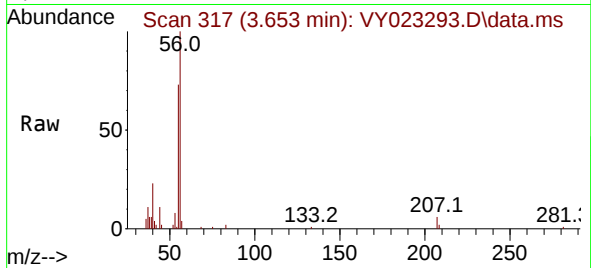




#13
Acrolein
Concen: 39.292 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

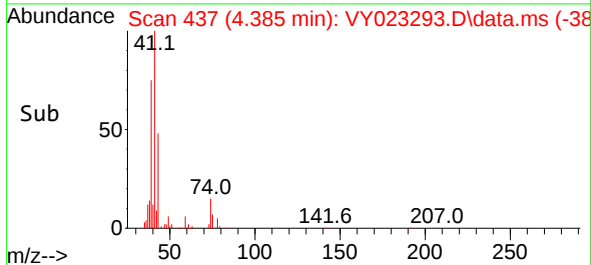
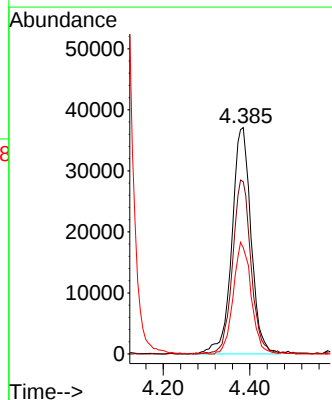
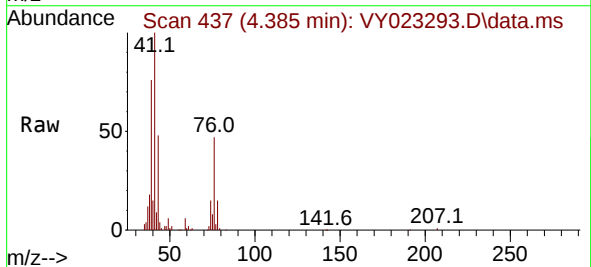
Instrument :
MSVOA_Y
ClientSampleId :

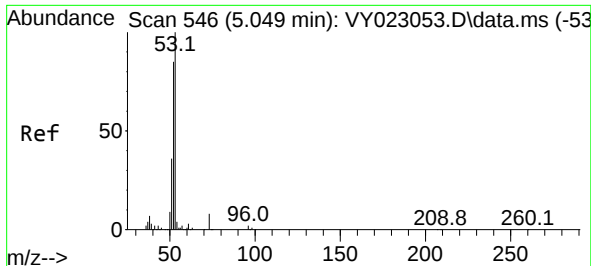
Tgt Ion: 56 Resp: 16921
Ion Ratio Lower Upper
56 100
55 72.3 55.2 82.8



#14
Allyl chloride
Concen: 17.844 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

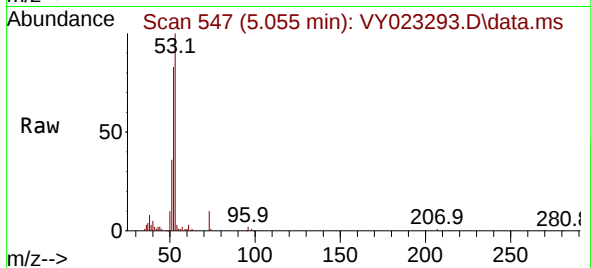
Tgt Ion: 41 Resp: 113930
Ion Ratio Lower Upper
41 100
39 74.4 59.8 89.6
76 46.2 33.7 50.5



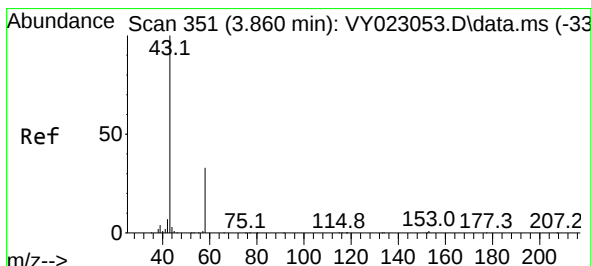
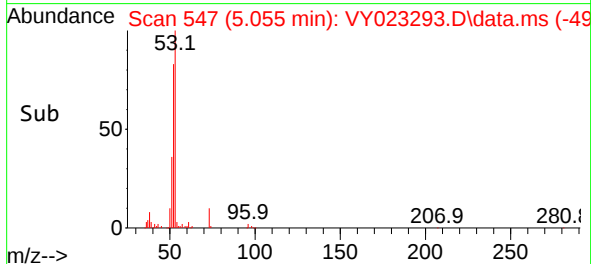
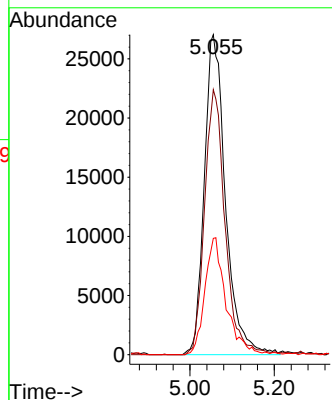


#15
Acrylonitrile
Concen: 98.362 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Instrument :
MSVOA_Y
ClientSampleId :

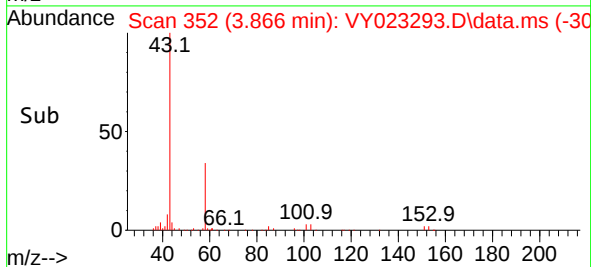
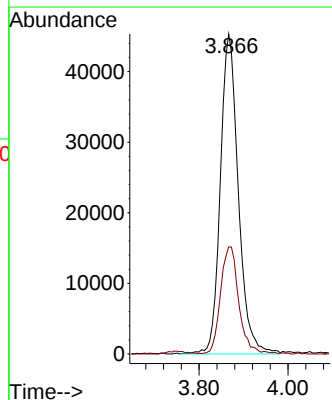
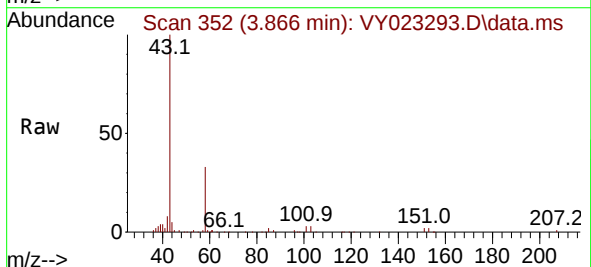


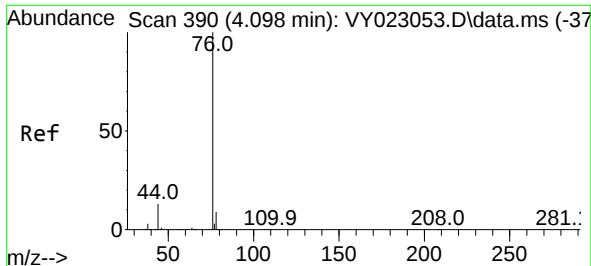
Tgt Ion: 53 Resp: 94669
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 36.5 29.5 44.3



#16
Acetone
Concen: 136.575 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 43 Resp: 126980
Ion Ratio Lower Upper
43 100
58 33.2 27.1 40.7

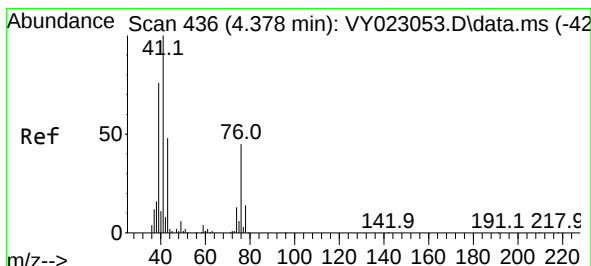
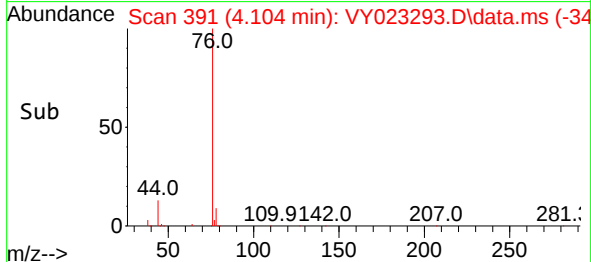
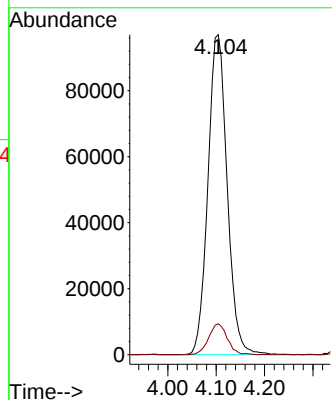
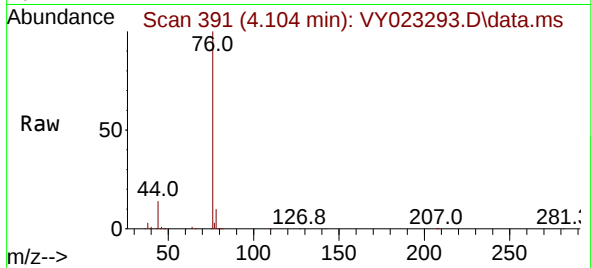




#17
Carbon Disulfide
Concen: 18.954 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

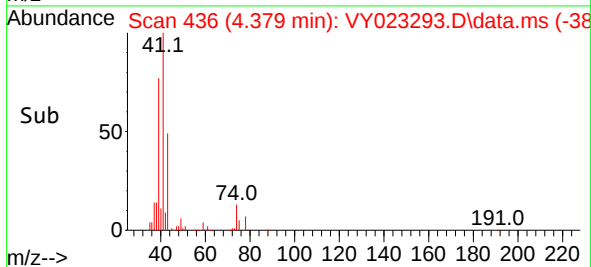
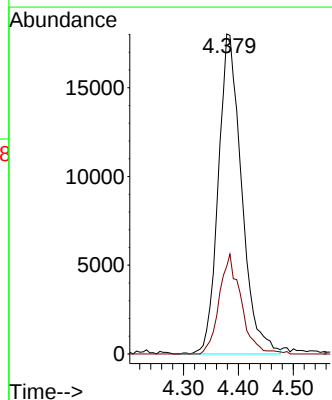
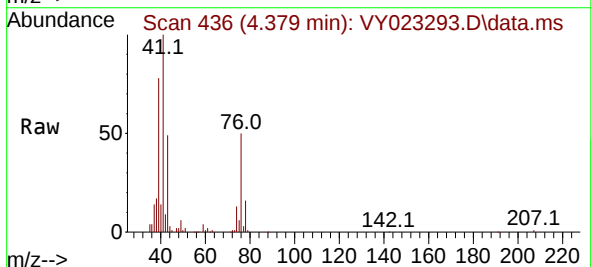
Instrument :
MSVOA_Y
ClientSampleId :

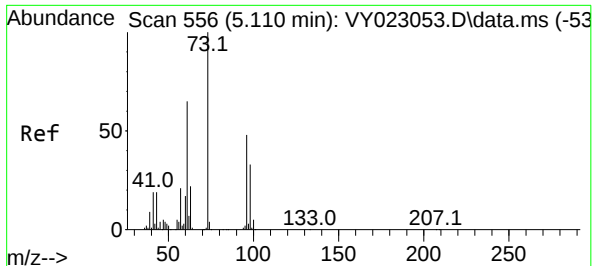
Tgt Ion: 76 Resp: 268168
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 19.271 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 43 Resp: 53319
Ion Ratio Lower Upper
43 100
74 29.3 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 19.198 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

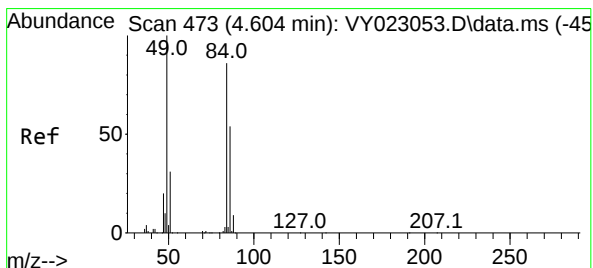
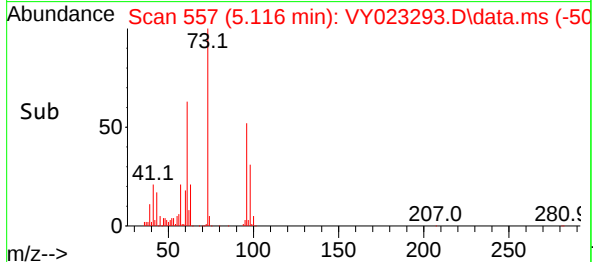
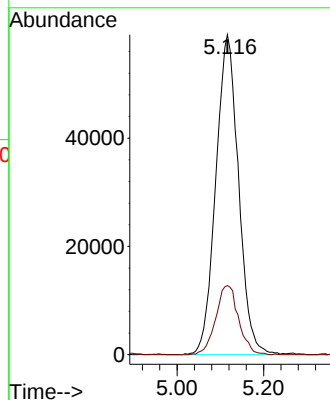
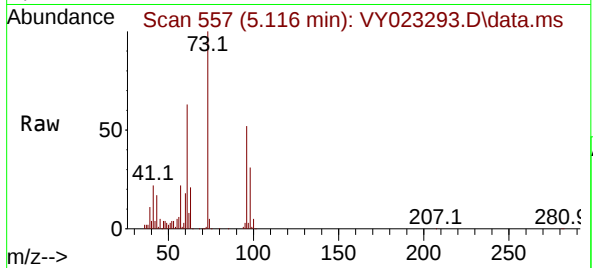
ClientSampleId :

Tgt Ion: 73 Resp: 215866

Ion Ratio Lower Upper

73 100

57 21.6 17.1 25.7



#20

Methylene Chloride

Concen: 21.135 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Tgt Ion: 84 Resp: 109688

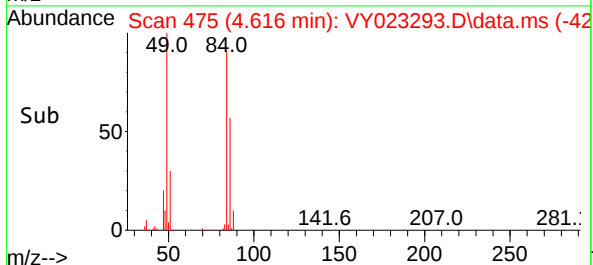
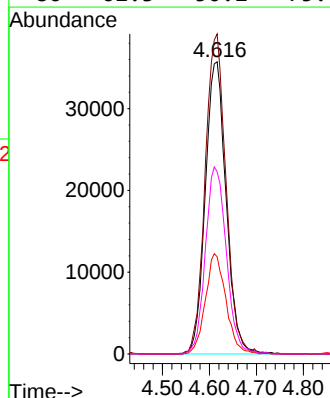
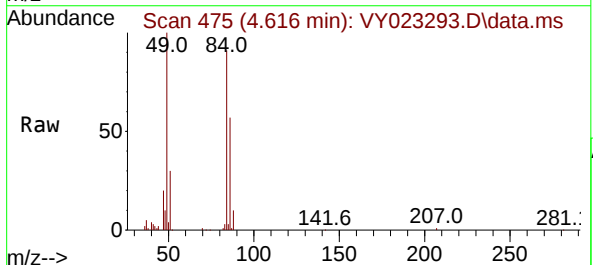
Ion Ratio Lower Upper

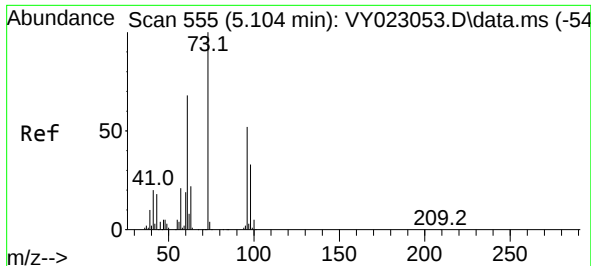
84 100

49 109.4 93.0 139.6

51 33.2 29.0 43.4

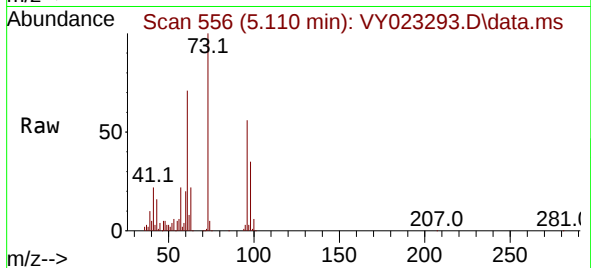
86 62.3 50.2 75.4



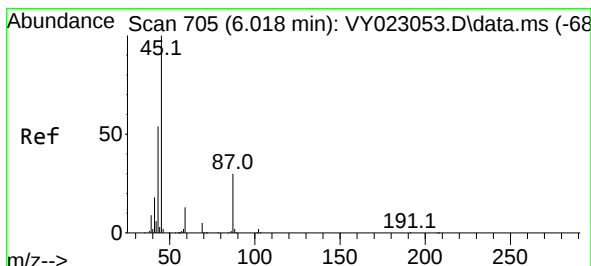
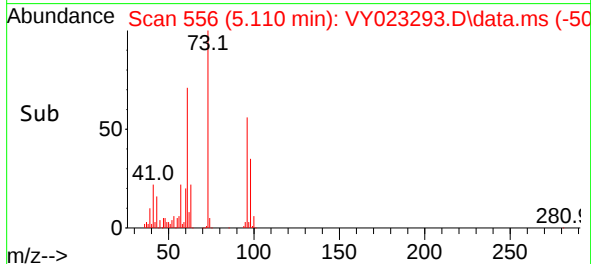
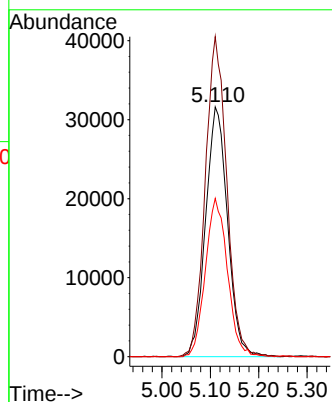


#21
trans-1,2-Dichloroethene
Concen: 20.432 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Instrument :
MSVOA_Y
ClientSampleId :

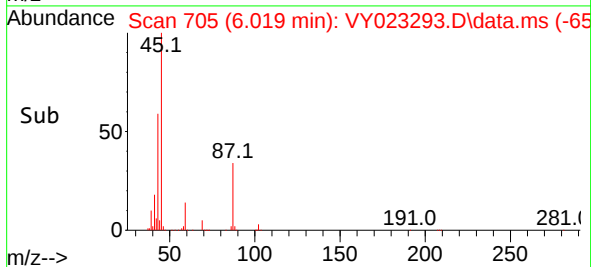
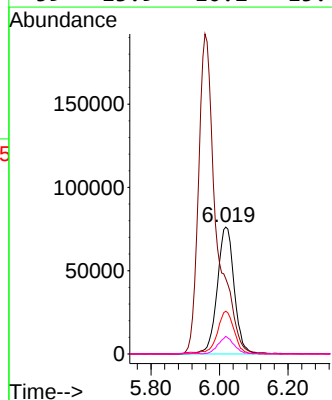
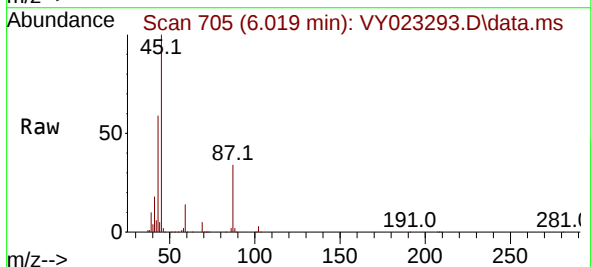


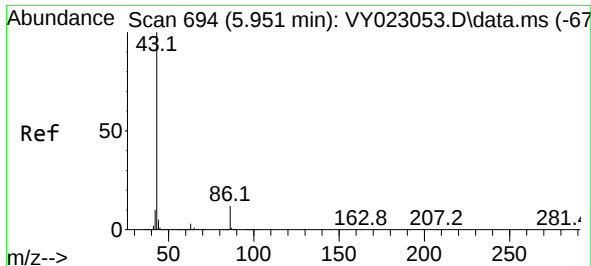
Tgt Ion: 96 Resp: 99635
Ion Ratio Lower Upper
96 100
61 128.1 104.8 157.2
98 63.4 50.1 75.1



#22
Diisopropyl ether
Concen: 18.806 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 45 Resp: 260922
Ion Ratio Lower Upper
45 100
43 59.2 43.4 65.0
87 33.6 24.4 36.6
59 13.9 10.2 15.4

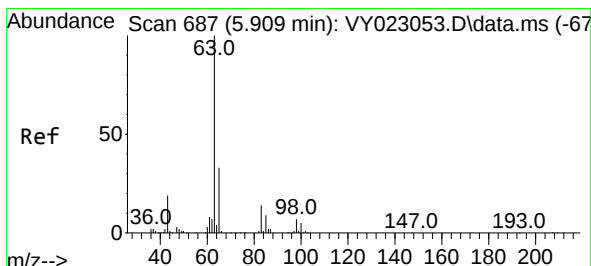
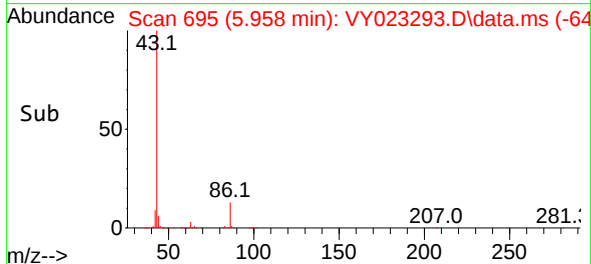
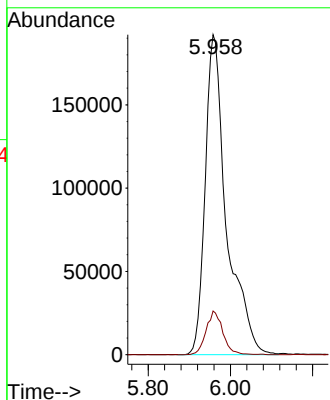
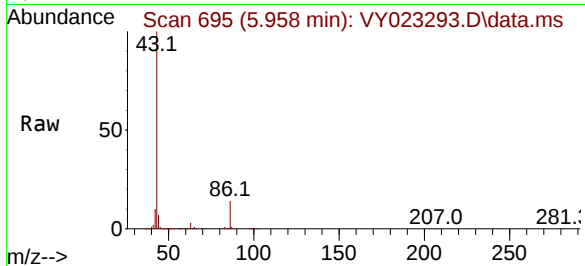




#23
 Vinyl Acetate
 Concen: 90.411 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023293.D
 Acq: 05 Sep 2025 11:14

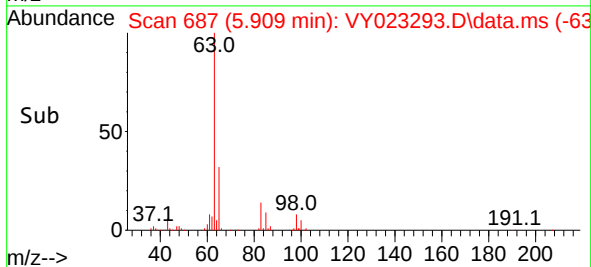
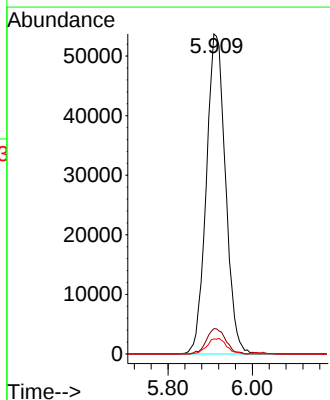
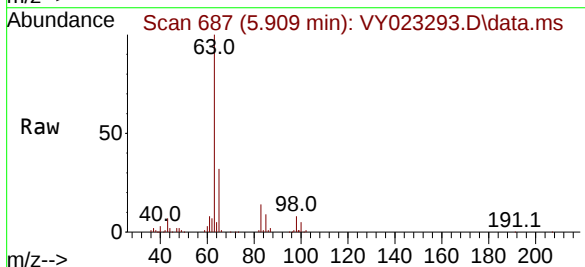
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 693612
 Ion Ratio Lower Upper
 43 100
 86 13.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.063 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY023293.D
 Acq: 05 Sep 2025 11:14

Tgt Ion: 63 Resp: 170184
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 113.388 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

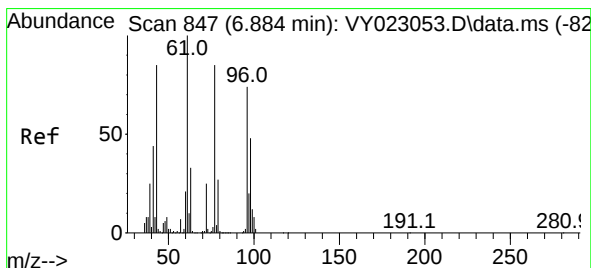
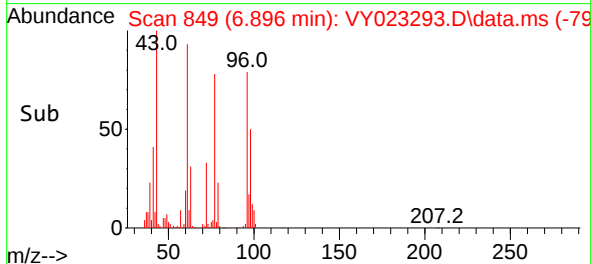
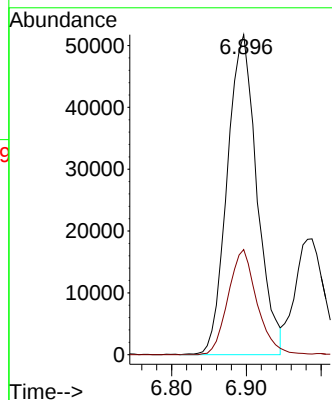
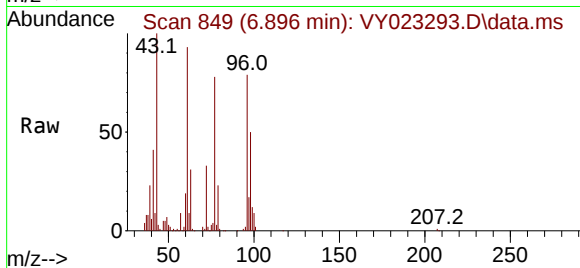
ClientSampleId :

Tgt Ion: 43 Resp: 143378

Ion Ratio Lower Upper

43 100

72 32.9 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.416 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023293.D

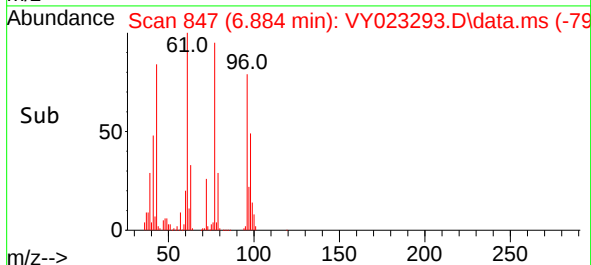
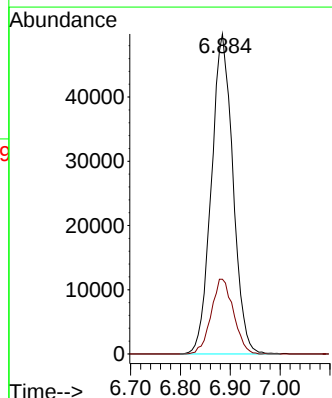
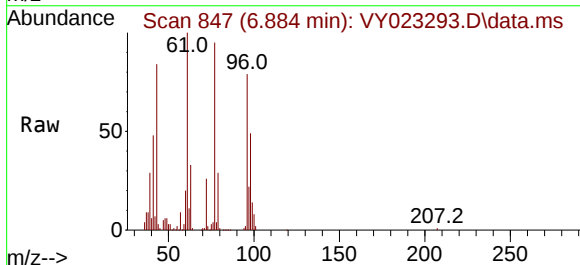
Acq: 05 Sep 2025 11:14

Tgt Ion: 77 Resp: 149436

Ion Ratio Lower Upper

77 100

97 24.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.588 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

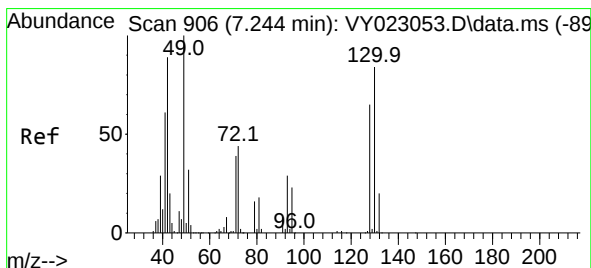
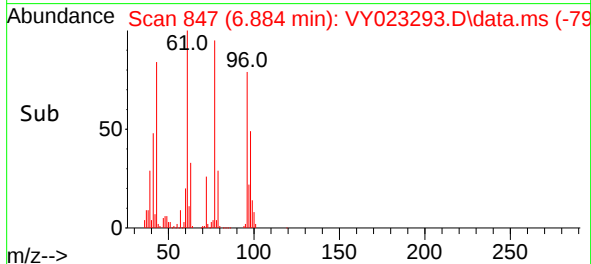
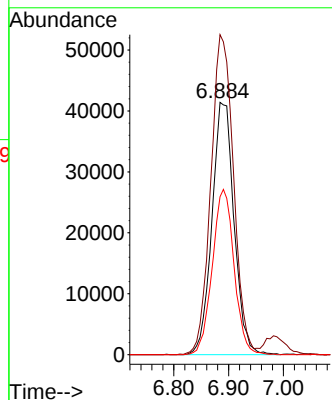
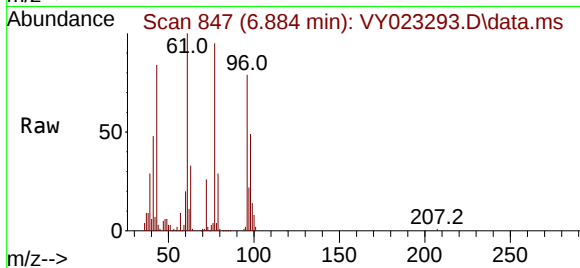
Tgt Ion: 96 Resp: 116061

Ion Ratio Lower Upper

96 100

61 130.4 0.0 278.6

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 20.190 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

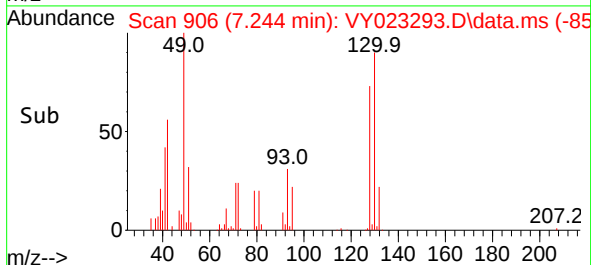
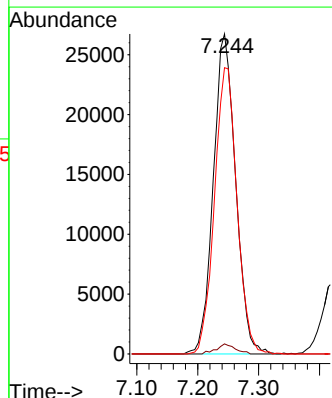
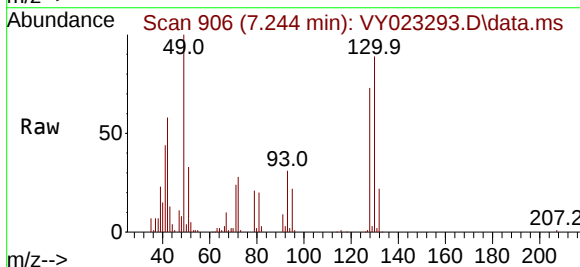
Tgt Ion: 49 Resp: 67948

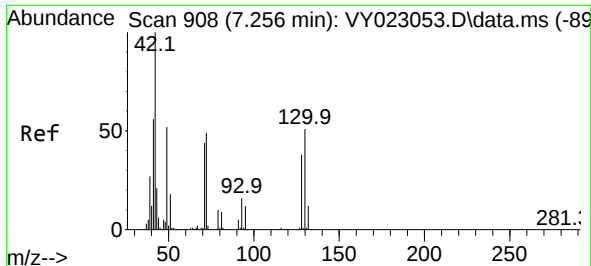
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 90.4 66.4 99.6





#29

Tetrahydrofuran

Concen: 92.840 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

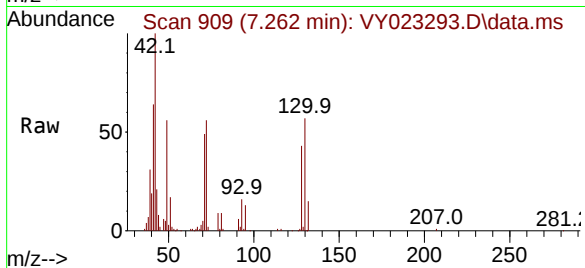
Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :



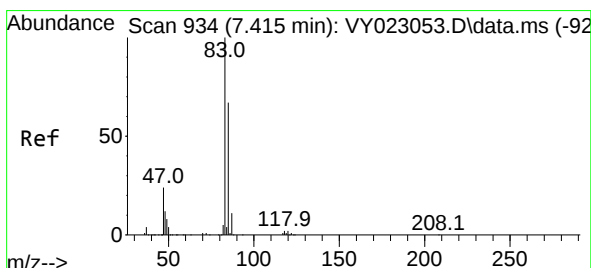
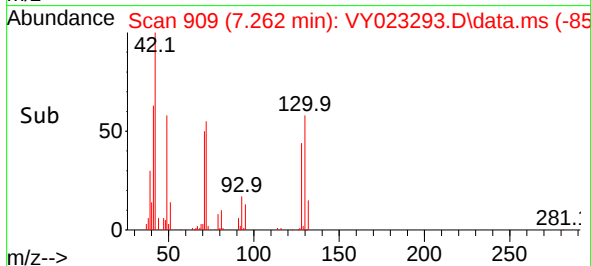
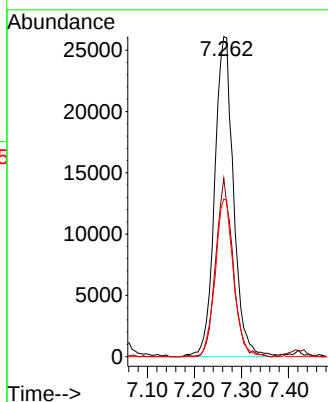
Tgt Ion: 42 Resp: 72768

Ion Ratio Lower Upper

42 100

72 50.7 39.4 59.2

71 48.1 36.5 54.7



#30

Chloroform

Concen: 20.795 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023293.D

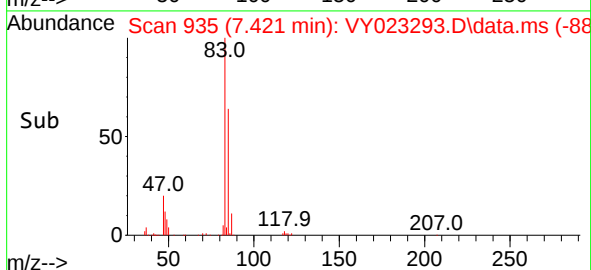
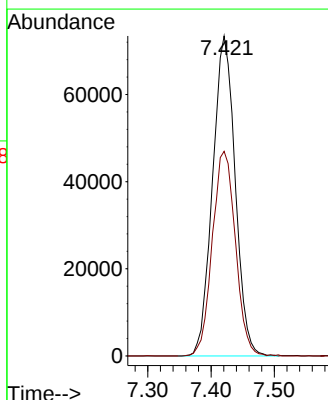
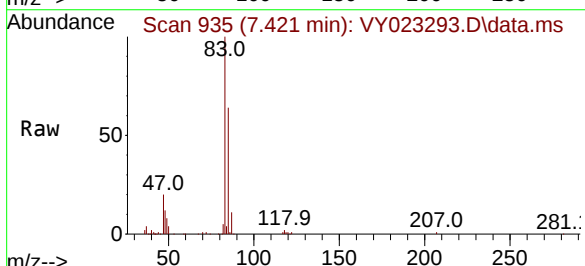
Acq: 05 Sep 2025 11:14

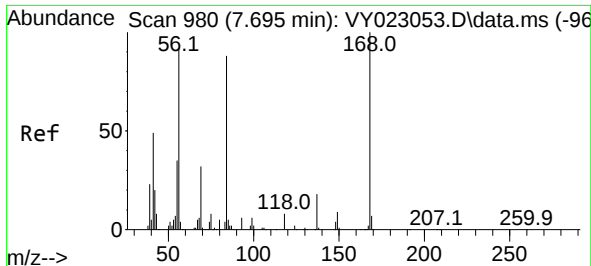
Tgt Ion: 83 Resp: 181922

Ion Ratio Lower Upper

83 100

85 63.9 53.8 80.8

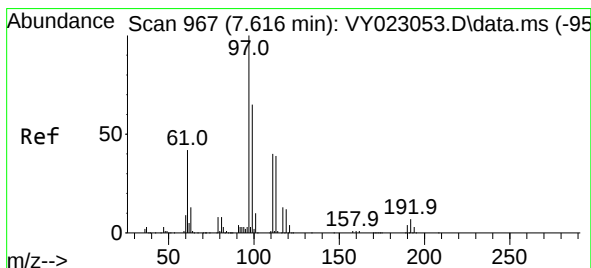
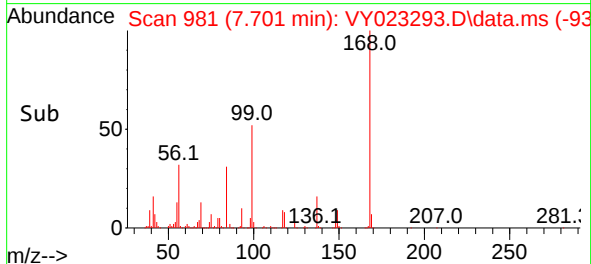
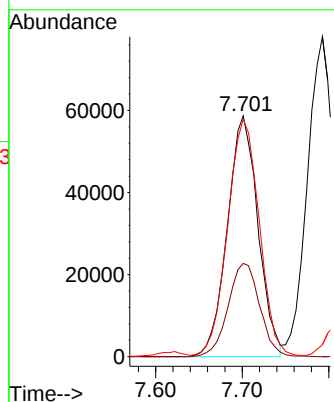
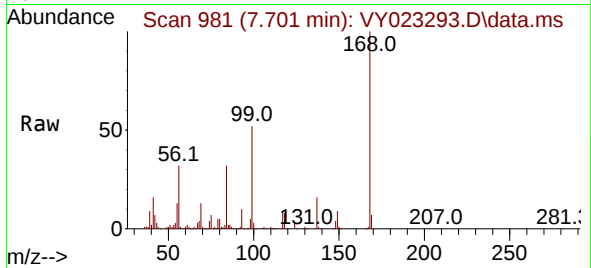




#31
Cyclohexane
Concen: 18.048 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

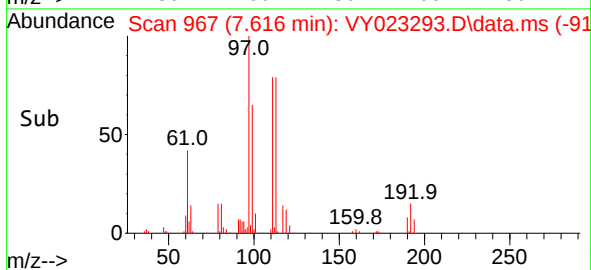
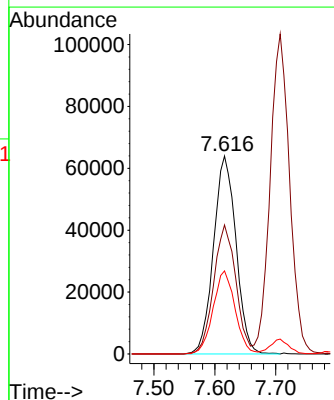
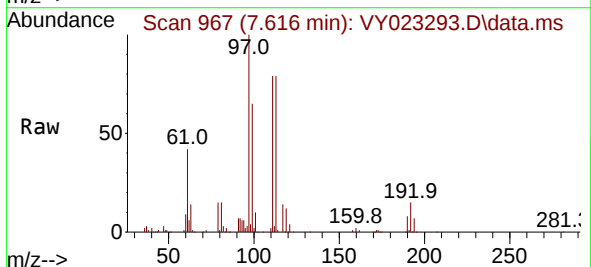
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 144268
Ion Ratio Lower Upper
56 100
69 38.8 28.2 42.2
84 97.1 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.059 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 97 Resp: 163472
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 41.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.648 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

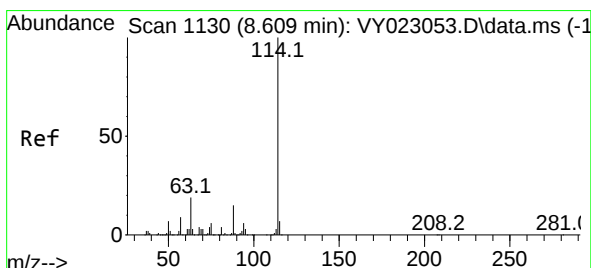
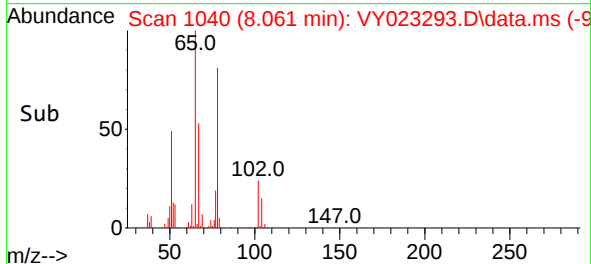
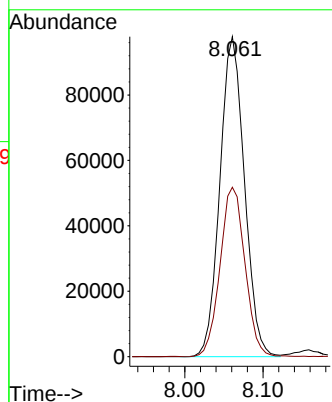
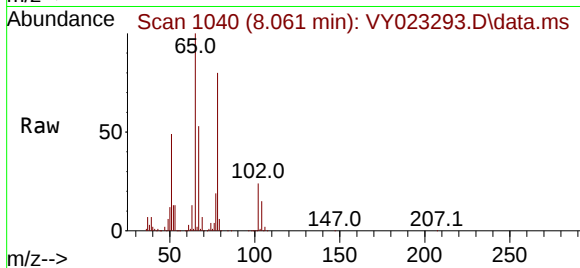
ClientSampleId :

Tgt Ion: 65 Resp: 213067

Ion Ratio Lower Upper

65 100

67 53.9 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: VY023293.D

Acq: 05 Sep 2025 11:14

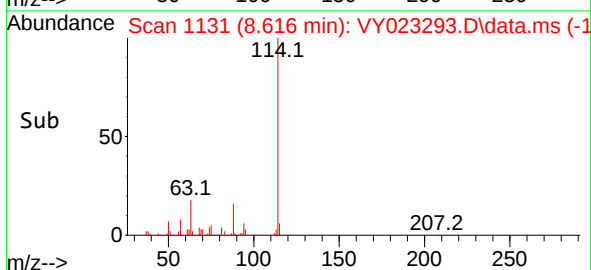
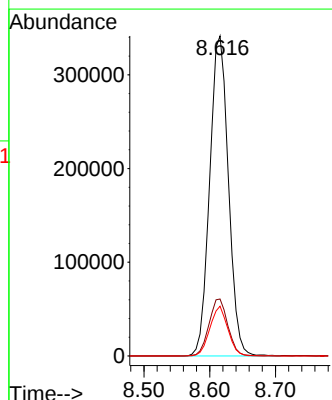
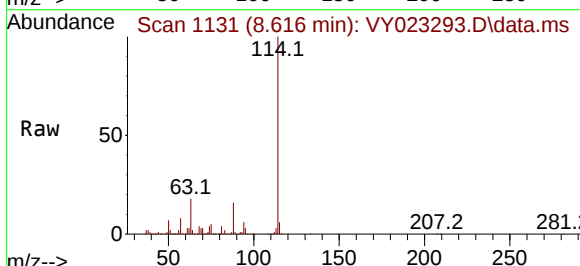
Tgt Ion:114 Resp: 676614

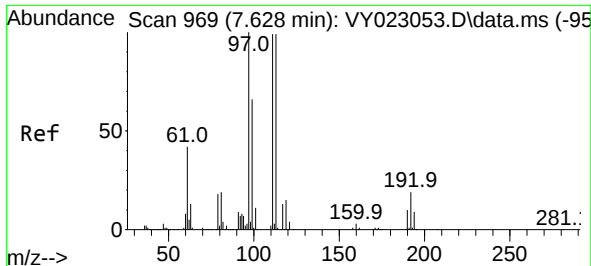
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 15.5 0.0 30.0

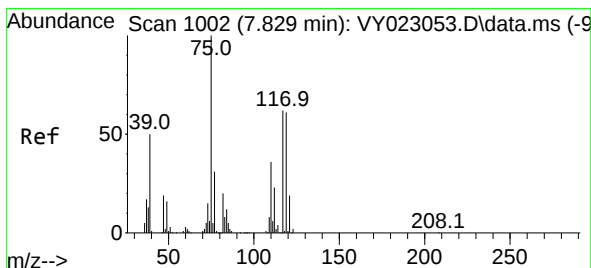
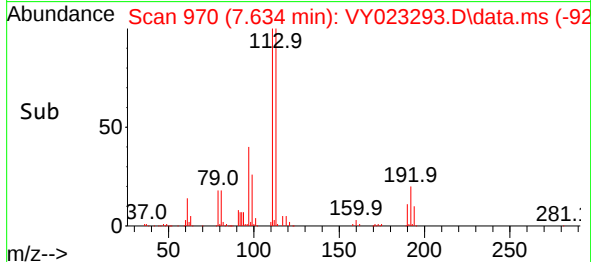
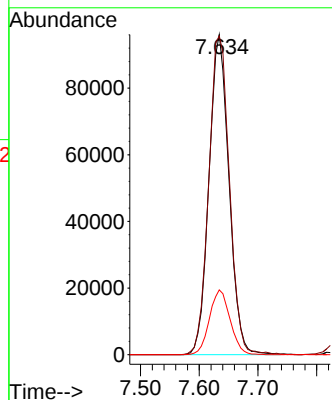
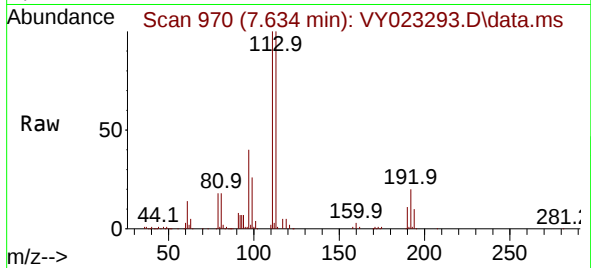




#35
Dibromofluoromethane
Concen: 56.013 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

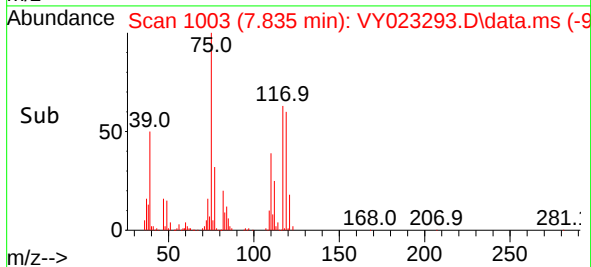
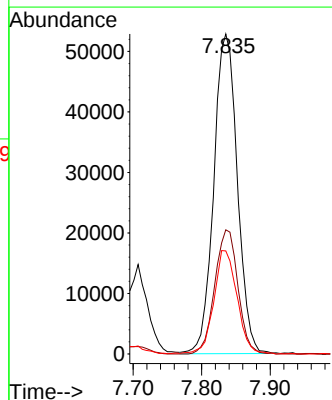
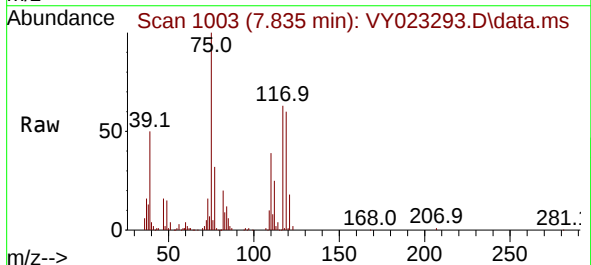
Instrument :
MSVOA_Y
ClientSampleId :

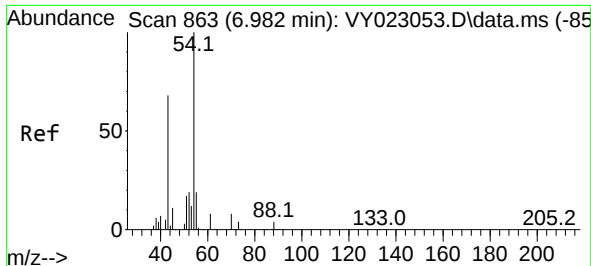
Tgt Ion:113 Resp: 226777
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 20.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.949 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 75 Resp: 126050
Ion Ratio Lower Upper
75 100
110 38.1 18.1 54.4
77 32.0 24.6 37.0

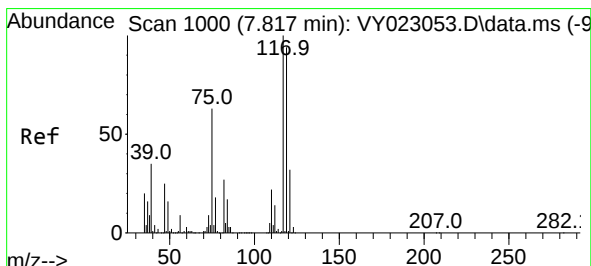
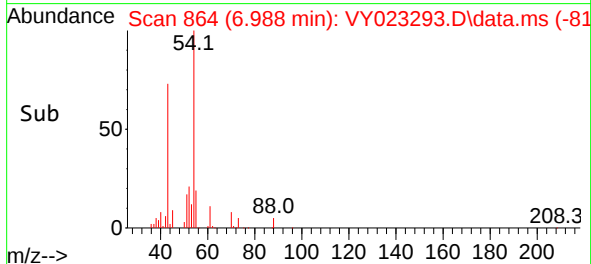
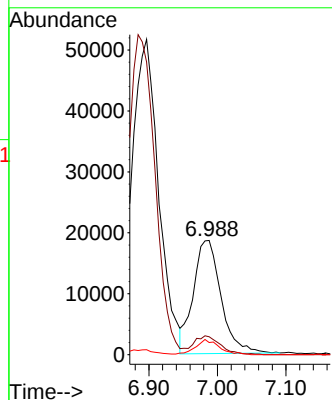
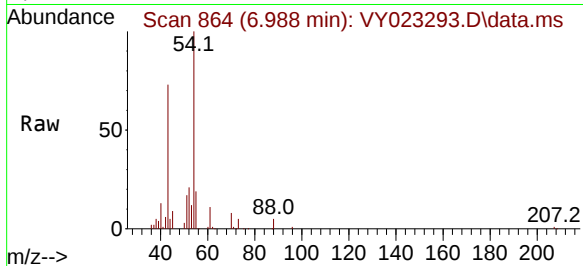




#37
Ethyl Acetate
Concen: 20.732 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

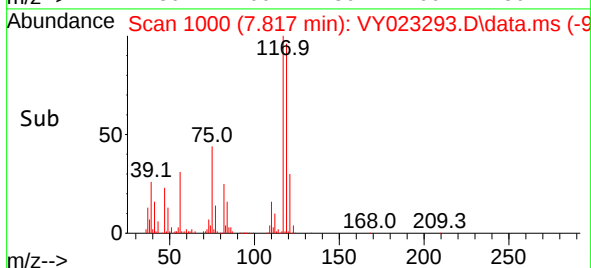
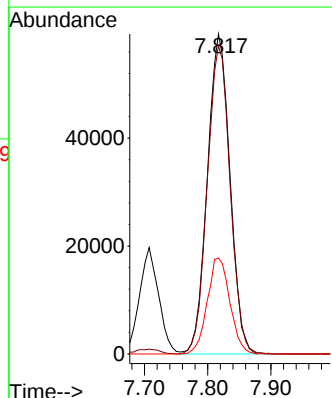
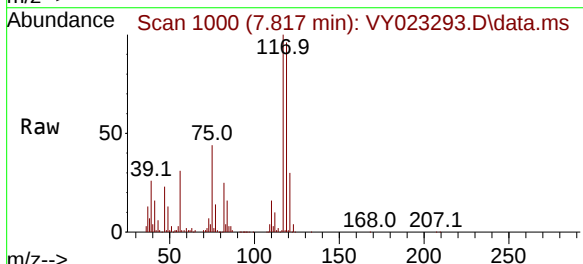
Instrument :
MSVOA_Y
ClientSampleId :

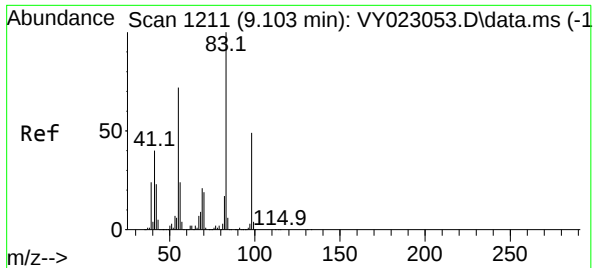
Tgt Ion: 43 Resp: 52401
Ion Ratio Lower Upper
43 100
61 14.2 11.9 17.9
70 11.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 22.589 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 117 Resp: 147621
Ion Ratio Lower Upper
117 100
119 96.3 75.6 113.4
121 30.0 25.8 38.8





#39

Methylcyclohexane

Concen: 19.953 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

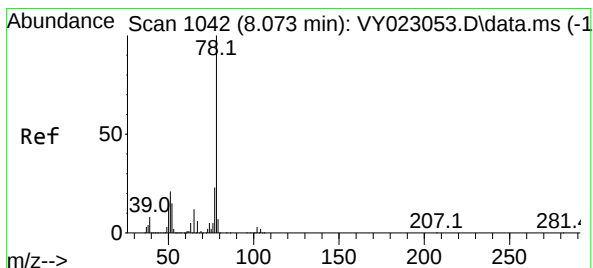
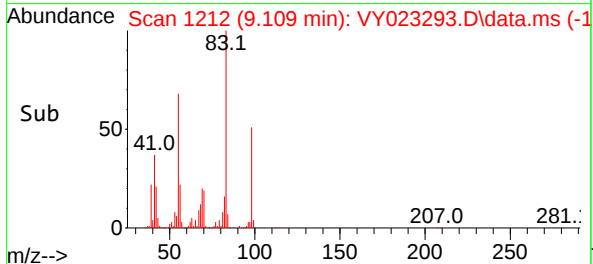
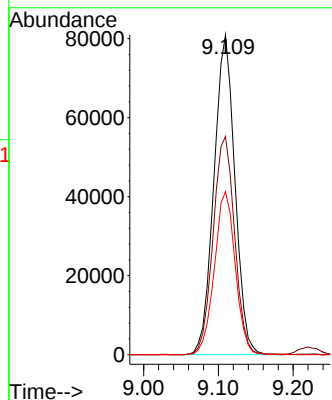
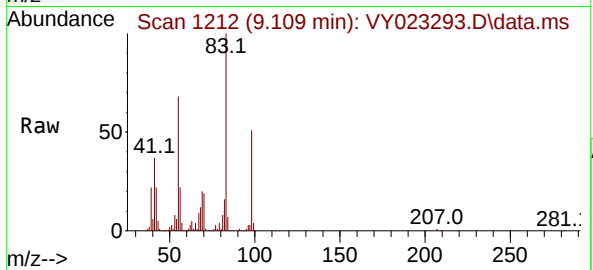
Tgt Ion: 83 Resp: 158099

Ion Ratio Lower Upper

83 100

55 68.2 57.6 86.4

98 50.9 39.2 58.8



#40

Benzene

Concen: 21.503 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023293.D

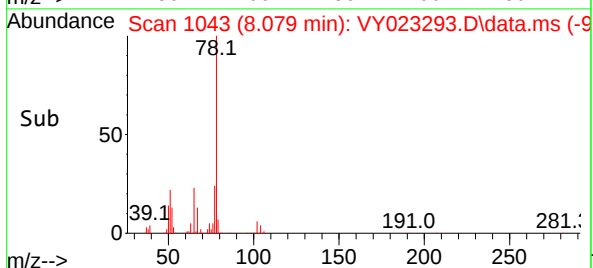
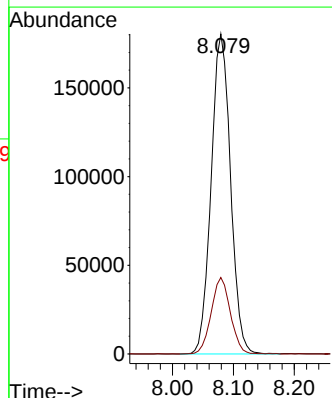
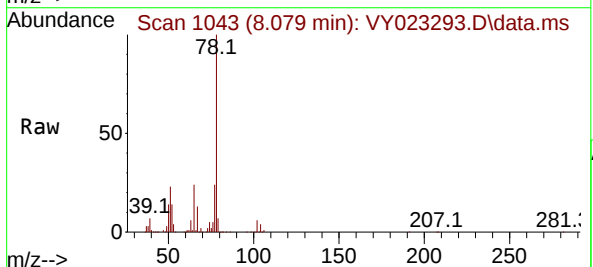
Acq: 05 Sep 2025 11:14

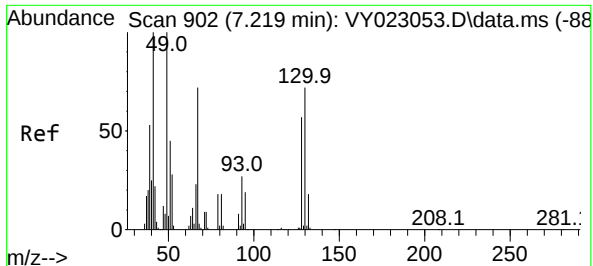
Tgt Ion: 78 Resp: 398771

Ion Ratio Lower Upper

78 100

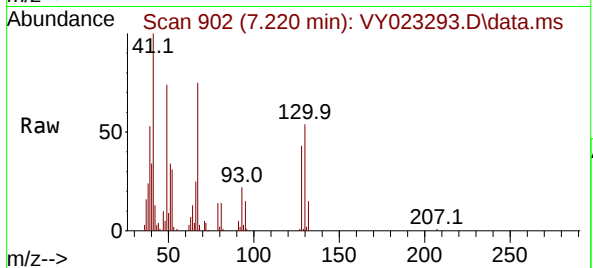
77 23.9 18.6 28.0



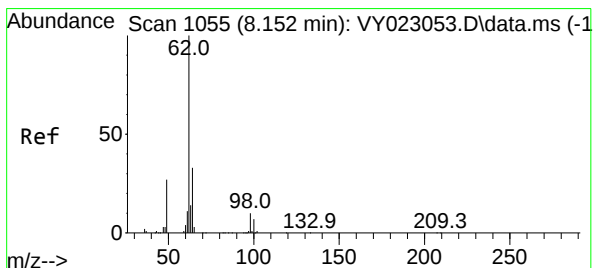
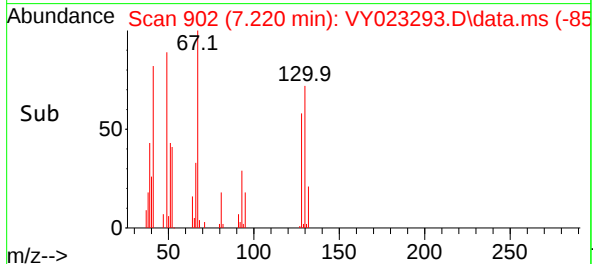
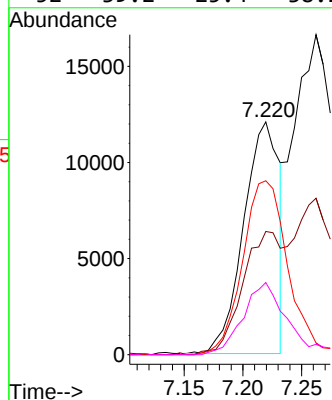


#41
Methacrylonitrile
Concen: 17.427 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Instrument :
MSVOA_Y
ClientSampleId :

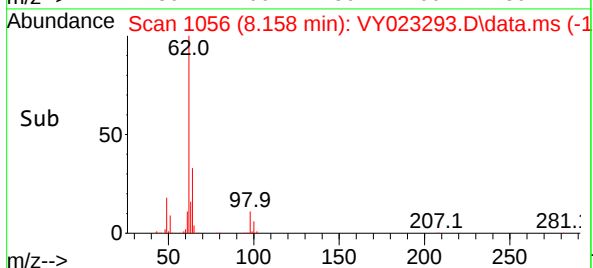
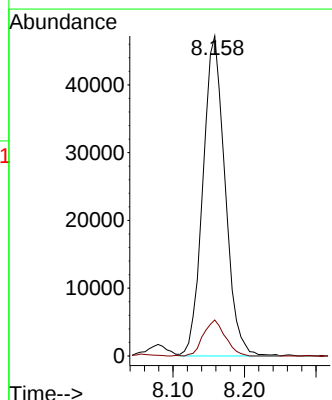
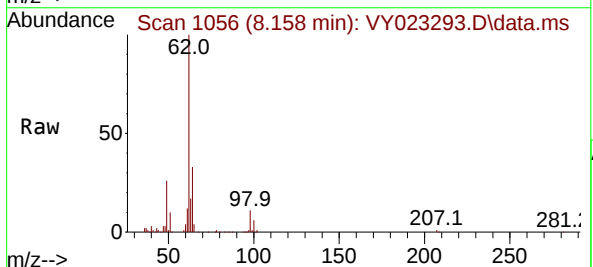


Tgt Ion:	41	Resp:	25420
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.4	65.2
67	95.9	63.6	95.4#
52	39.2	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 21.064 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion:	62	Resp:	101593
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.6

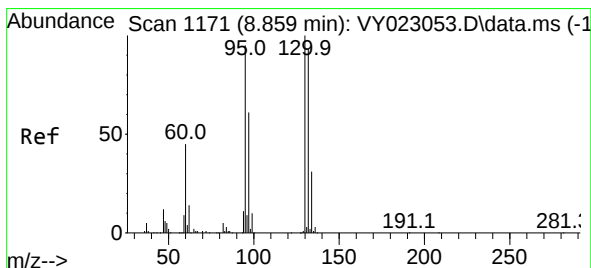
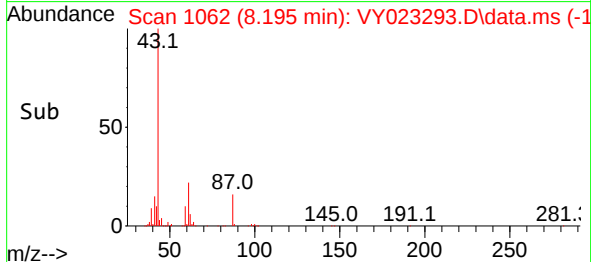
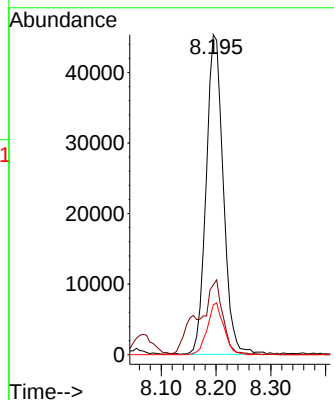
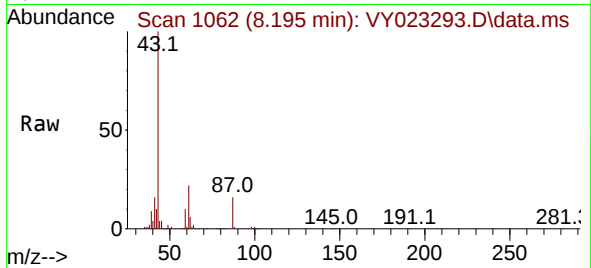




#43
Isopropyl Acetate
Concen: 19.180 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

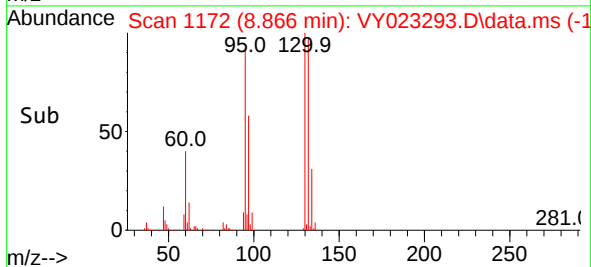
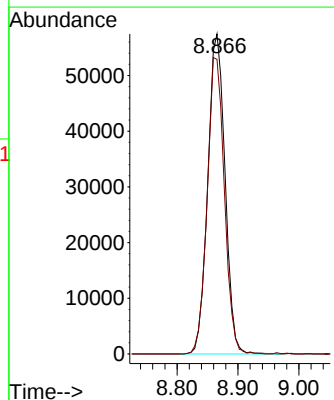
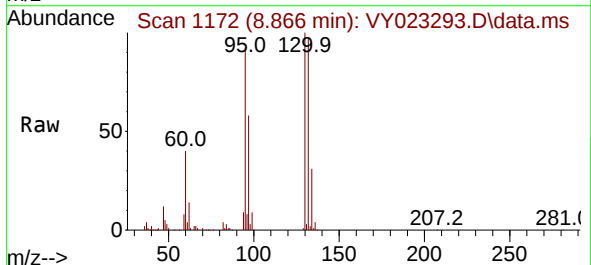
Instrument :
MSVOA_Y
ClientSampleId :

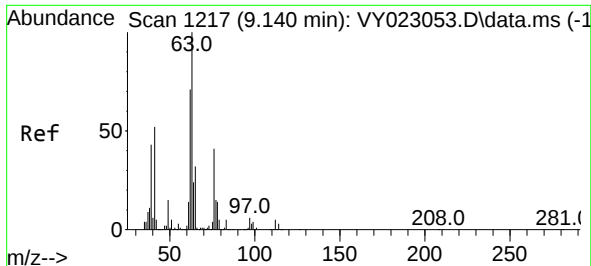
Tgt Ion: 43 Resp: 97984
Ion Ratio Lower Upper
43 100
61 22.4 16.4 24.6
87 15.6 11.8 17.6



#44
Trichloroethene
Concen: 23.578 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion:130 Resp: 112994
Ion Ratio Lower Upper
130 100
95 92.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 21.535 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

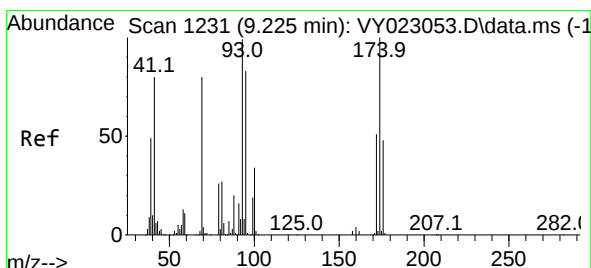
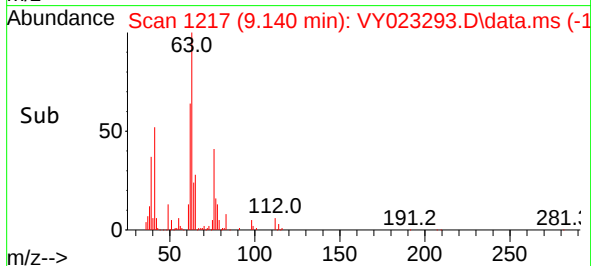
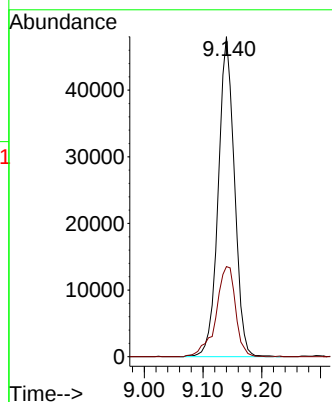
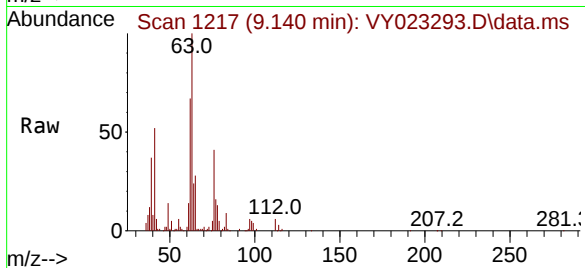
ClientSampleId :

Tgt Ion: 63 Resp: 91888

Ion Ratio Lower Upper

63 100

65 28.1 25.3 37.9



#46

Dibromomethane

Concen: 22.311 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

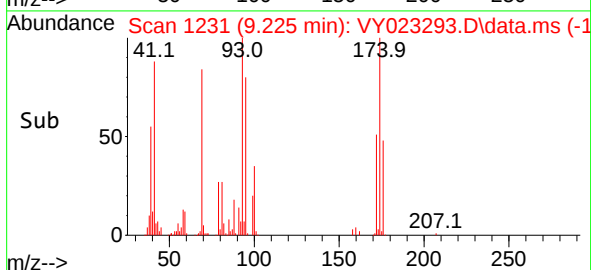
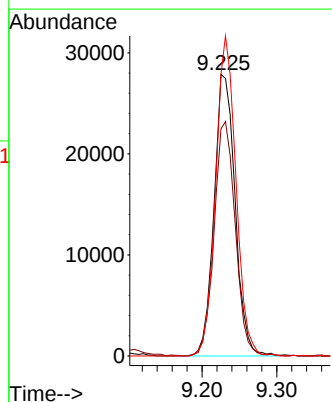
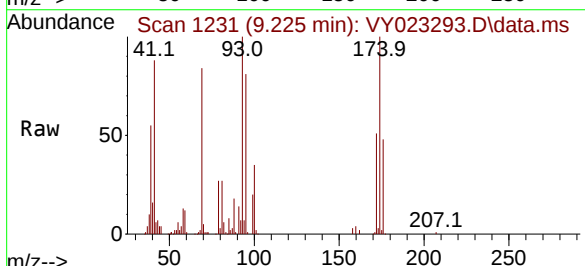
Tgt Ion: 93 Resp: 54642

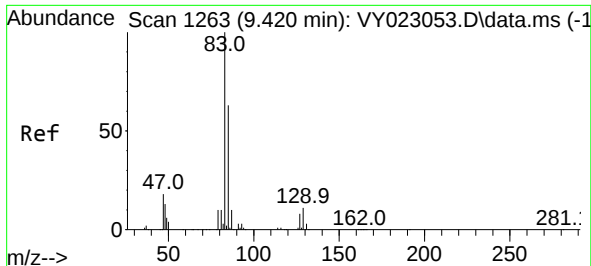
Ion Ratio Lower Upper

93 100

95 83.4 66.5 99.7

174 109.3 81.8 122.8

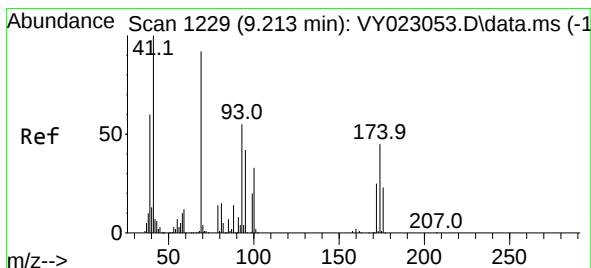
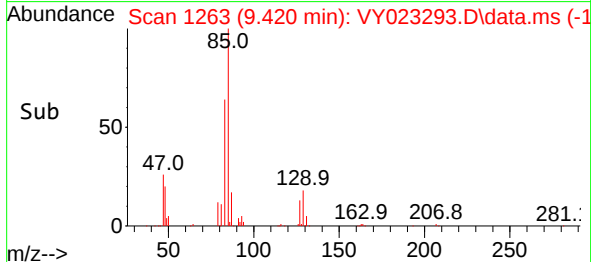
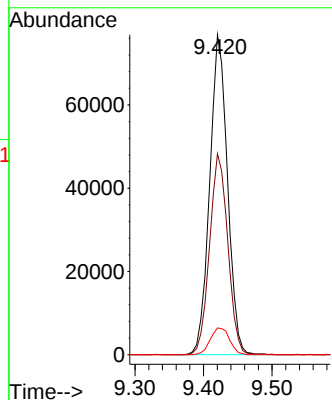
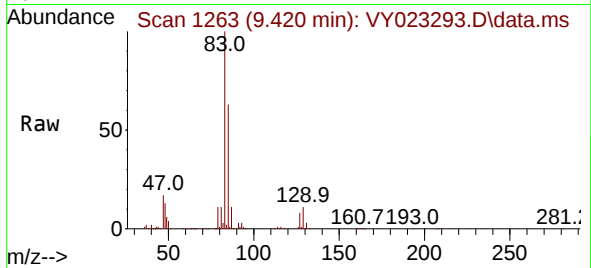




#47
Bromodichloromethane
Concen: 22.006 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

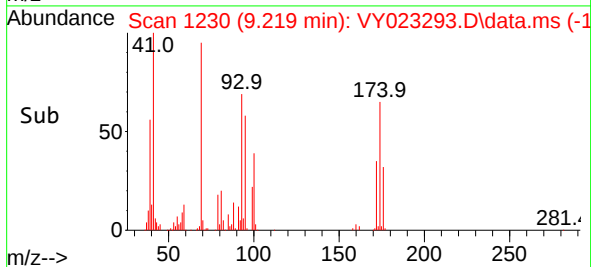
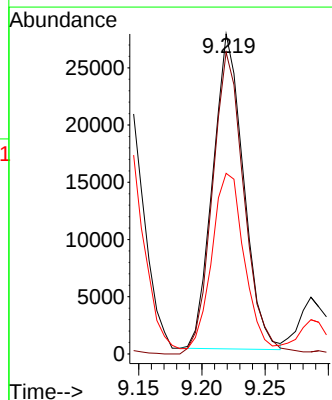
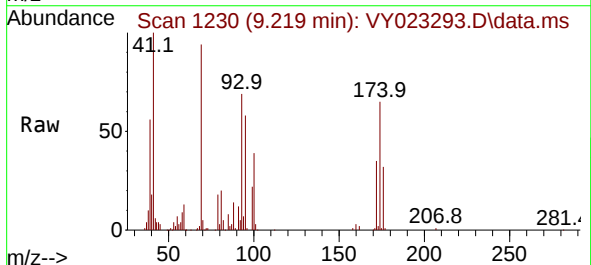
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 138681
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 18.998 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 41 Resp: 46441
Ion Ratio Lower Upper
41 100
69 99.3 73.2 109.8
39 58.1 47.0 70.4





#49

1,4-Dioxane

Concen: 417.634 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

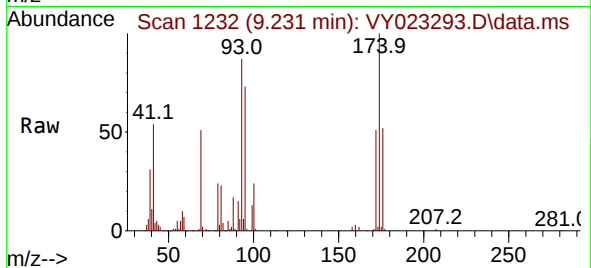
Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :



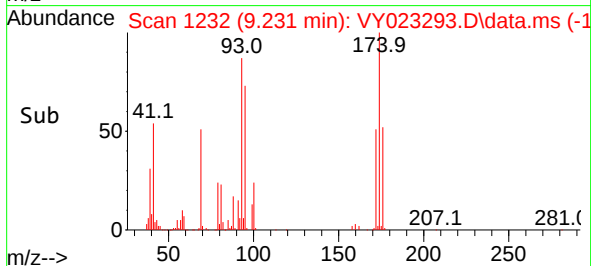
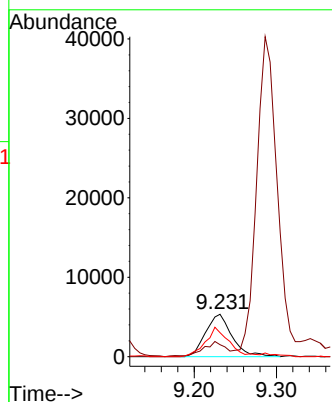
Tgt Ion: 88 Resp: 11993

Ion Ratio Lower Upper

88 100

43 30.1 24.3 36.5

58 61.8 55.4 83.0



#50

Toluene-d8

Concen: 54.312 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023293.D

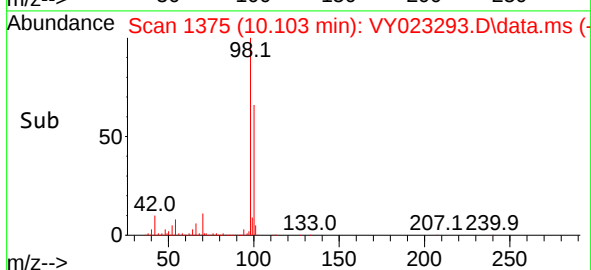
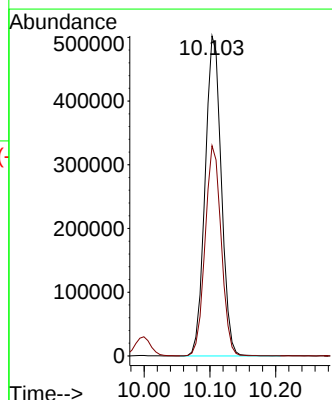
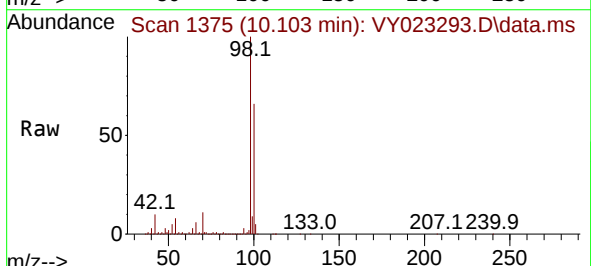
Acq: 05 Sep 2025 11:14

Tgt Ion: 98 Resp: 859011

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 100.328 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

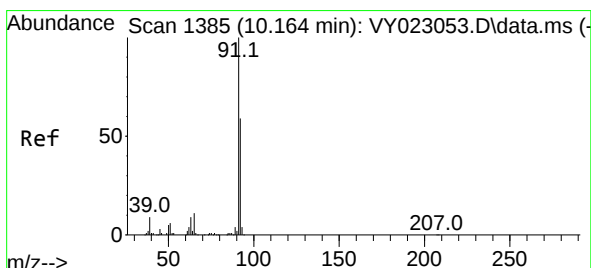
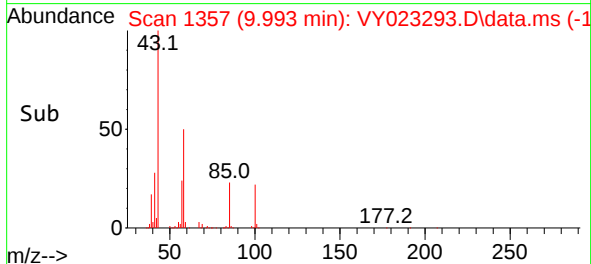
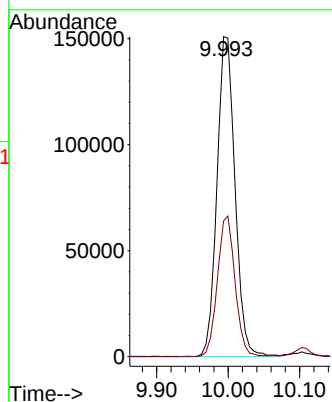
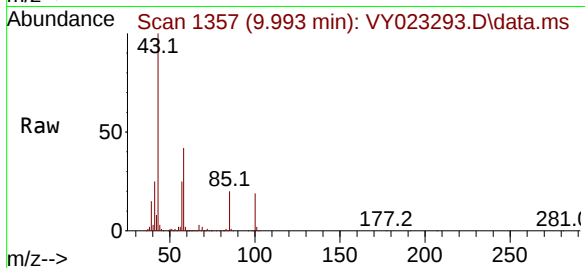
ClientSampleId :

Tgt Ion: 43 Resp: 264376

Ion Ratio Lower Upper

43 100

58 43.2 33.5 50.3



#52

Toluene

Concen: 21.679 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023293.D

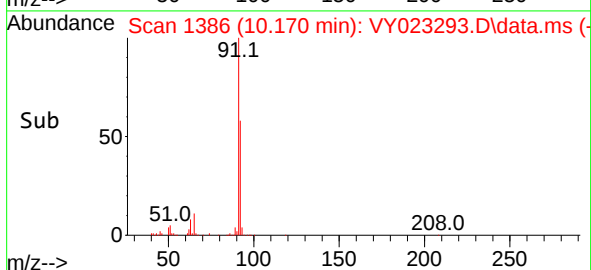
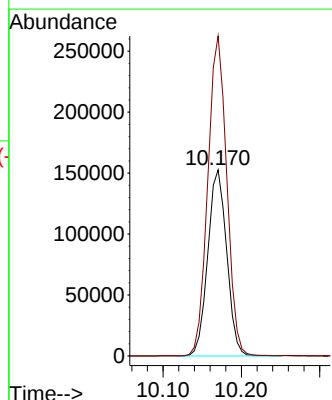
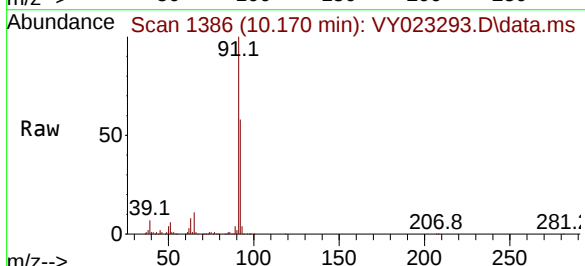
Acq: 05 Sep 2025 11:14

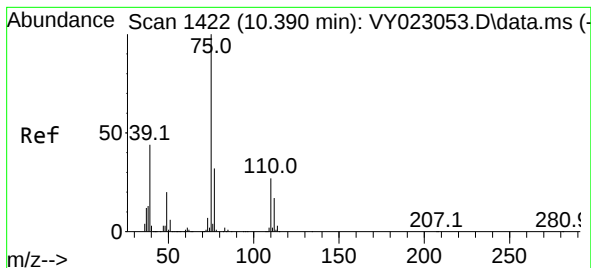
Tgt Ion: 92 Resp: 255339

Ion Ratio Lower Upper

92 100

91 172.4 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 20.947 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

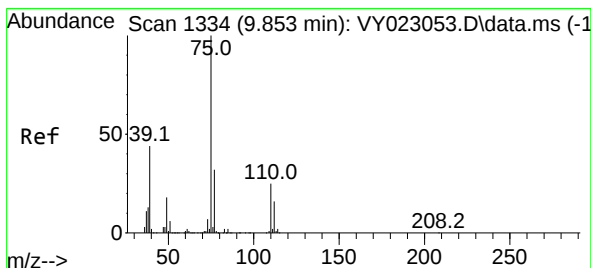
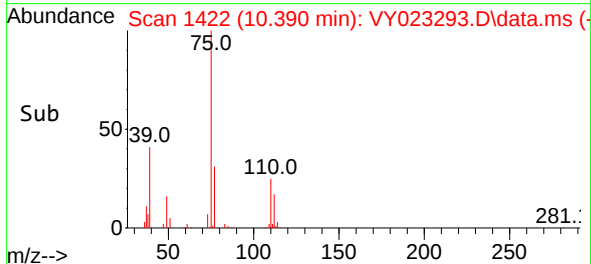
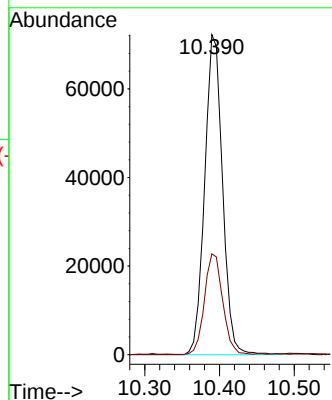
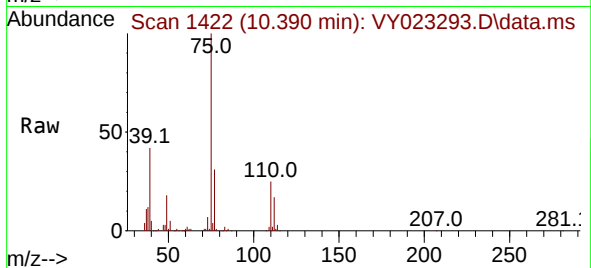
ClientSampleId :

Tgt Ion: 75 Resp: 119538

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 21.100 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

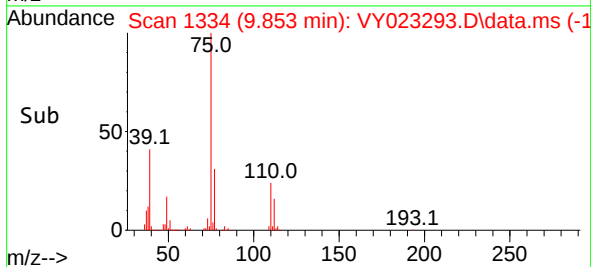
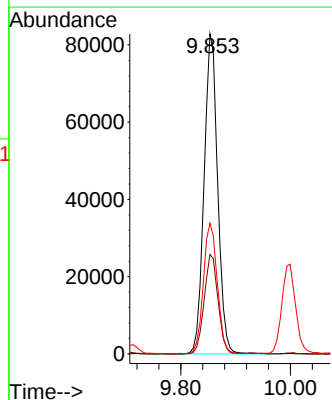
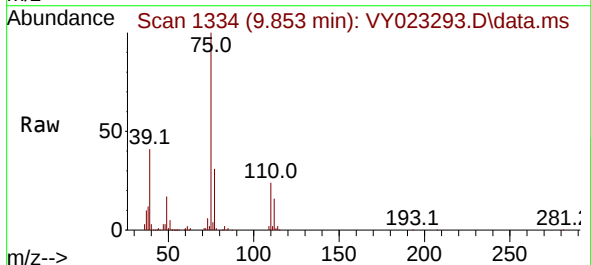
Tgt Ion: 75 Resp: 142385

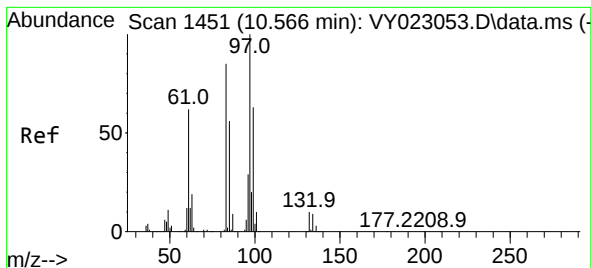
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 40.6 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 22.554 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 73913

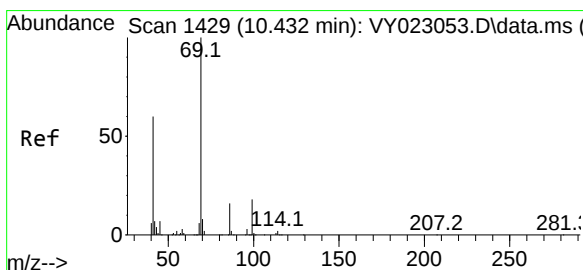
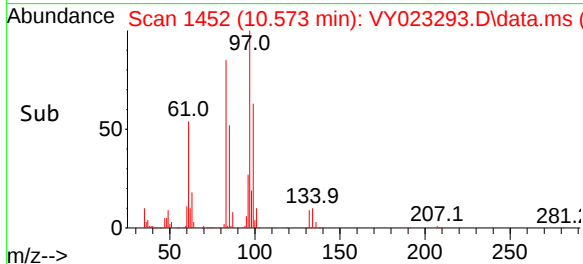
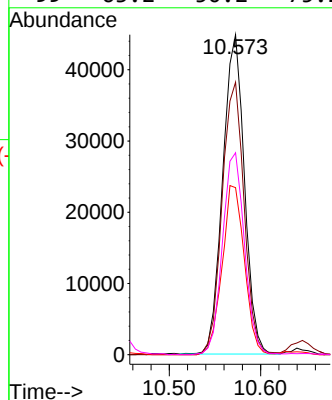
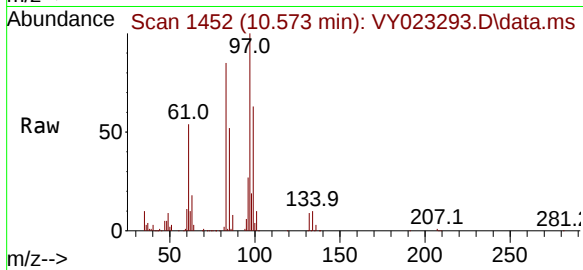
Ion Ratio Lower Upper

97 100

83 85.3 67.7 101.5

85 52.3 44.5 66.7

99 63.2 50.2 75.2



#56

Ethyl methacrylate

Concen: 19.095 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

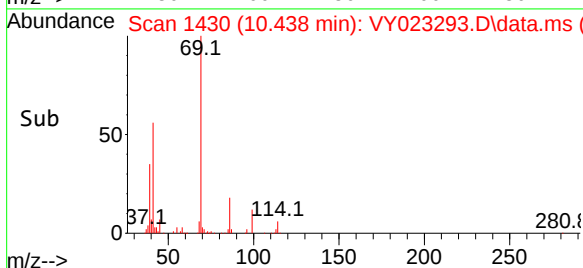
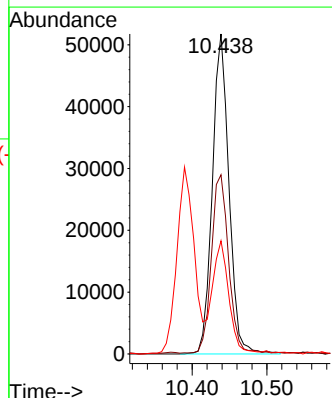
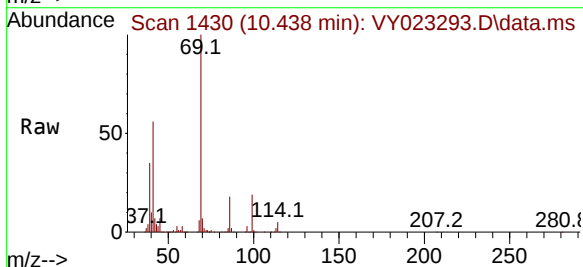
Tgt Ion: 69 Resp: 80074

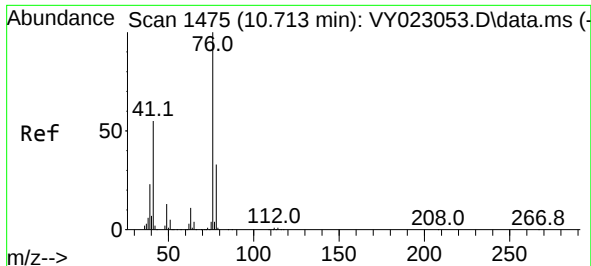
Ion Ratio Lower Upper

69 100

41 57.7 48.6 72.8

39 34.7 27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.771 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

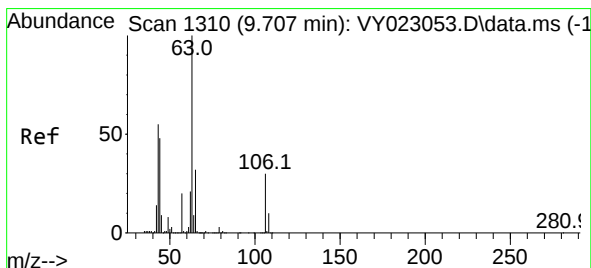
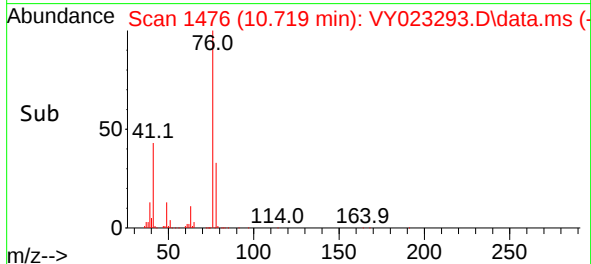
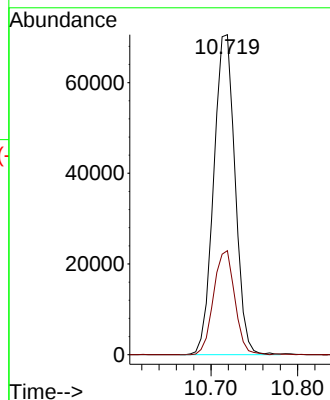
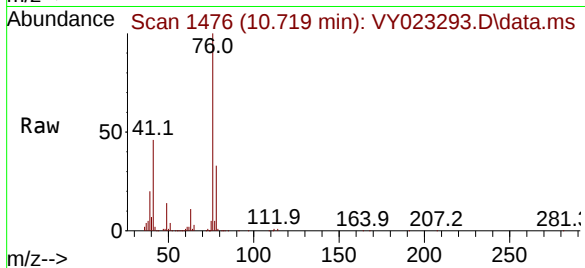
ClientSampleId :

Tgt Ion: 76 Resp: 120997

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 92.750 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023293.D

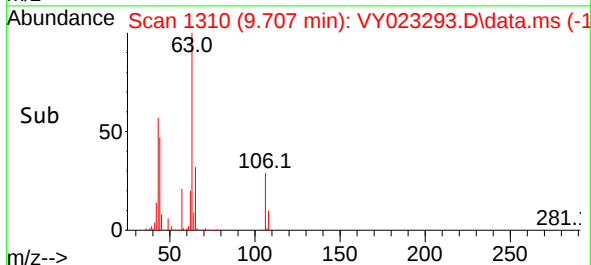
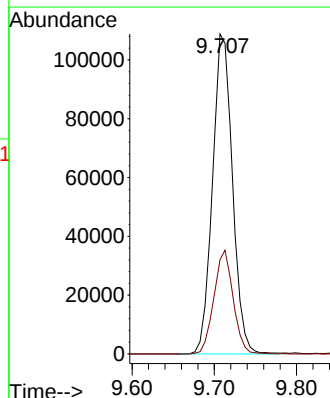
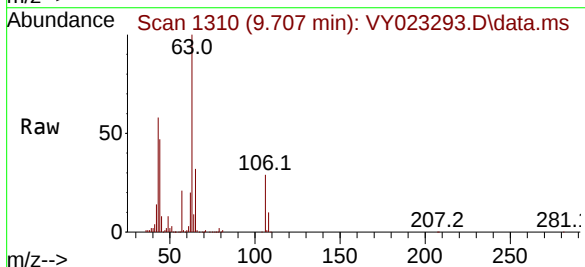
Acq: 05 Sep 2025 11:14

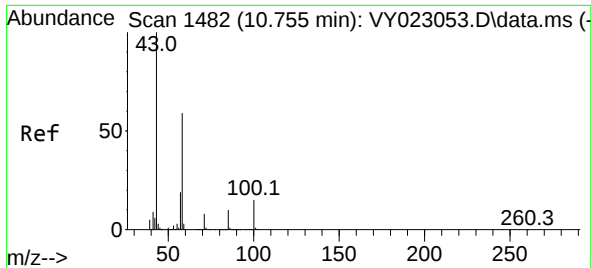
Tgt Ion: 63 Resp: 183464

Ion Ratio Lower Upper

63 100

106 31.3 23.2 34.8

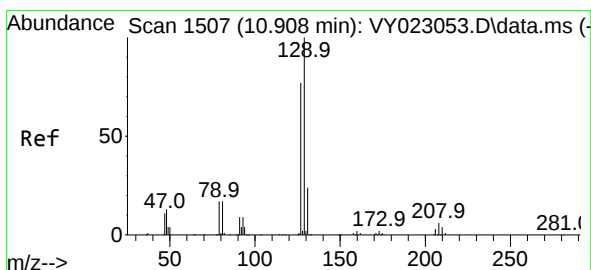
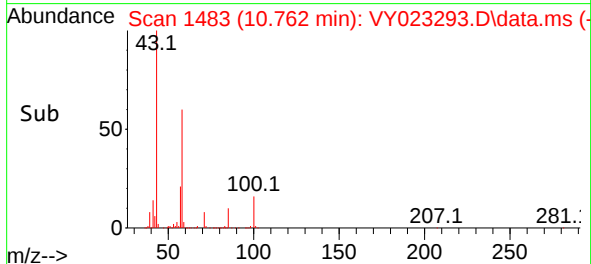
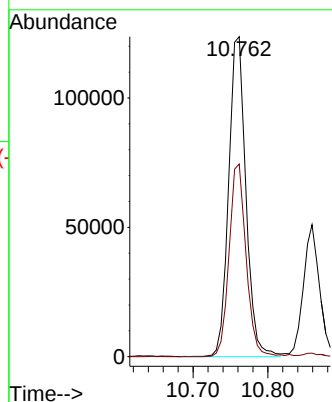
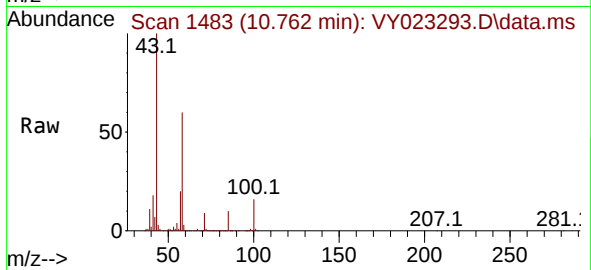




#59
2-Hexanone
Concen: 110.962 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

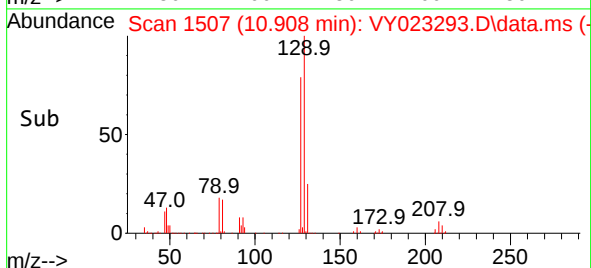
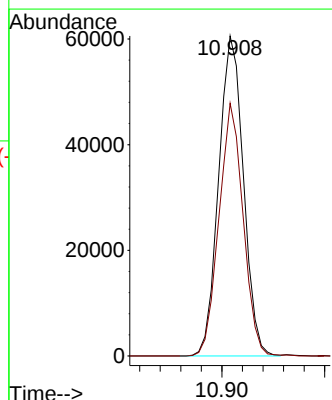
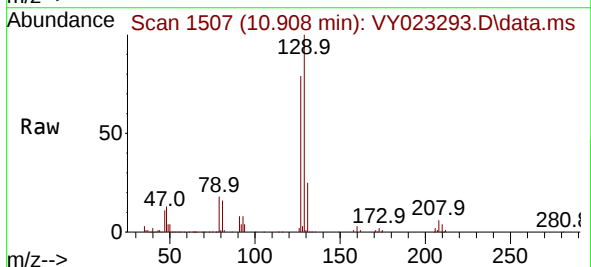
Instrument :
MSVOA_Y
ClientSampleId :

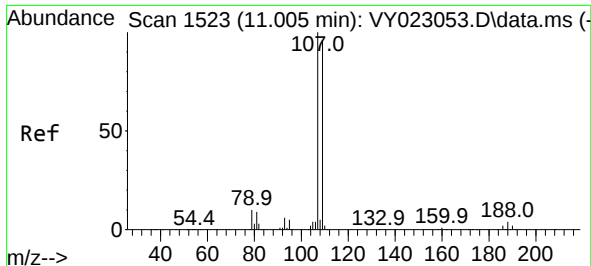
Tgt Ion: 43 Resp: 199102
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5



#60
Dibromochloromethane
Concen: 23.376 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 129 Resp: 101081
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

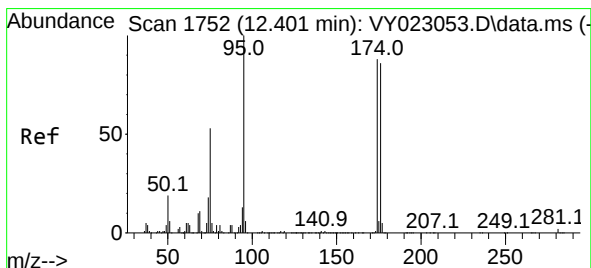
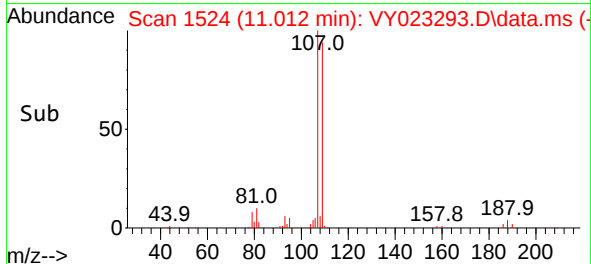
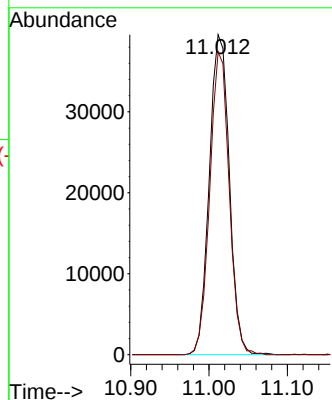
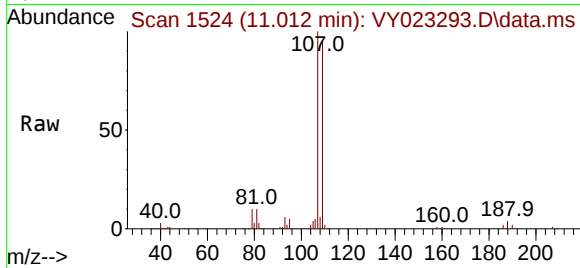




#61
1,2-Dibromoethane
Concen: 22.763 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

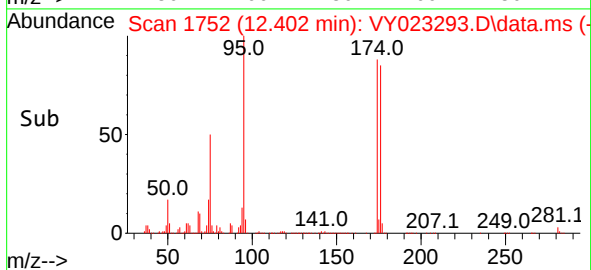
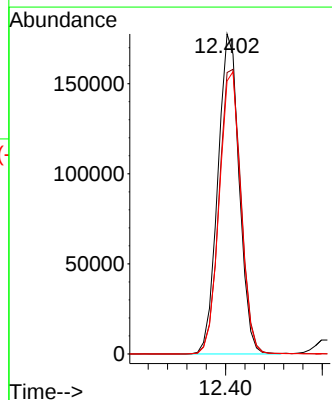
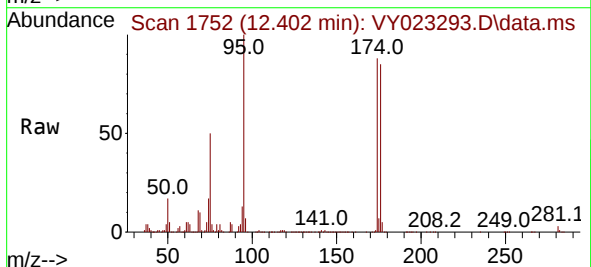
Instrument :
MSVOA_Y
ClientSampleId :

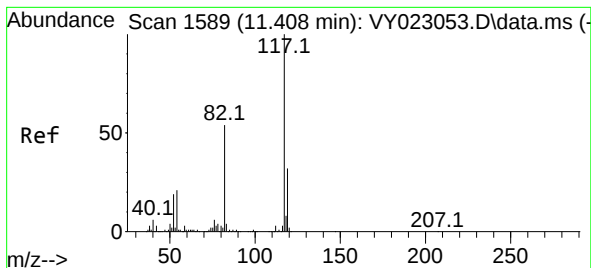
Tgt Ion:107 Resp: 70115
Ion Ratio Lower Upper
107 100
109 91.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.267 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 95 Resp: 270943
Ion Ratio Lower Upper
95 100
174 91.8 0.0 171.6
176 89.3 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: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

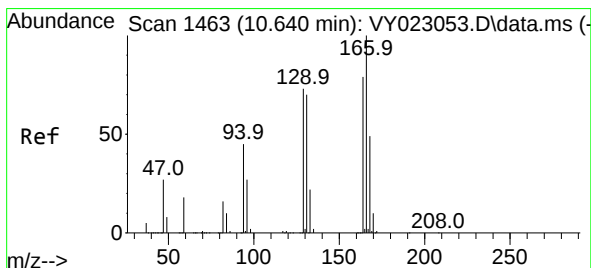
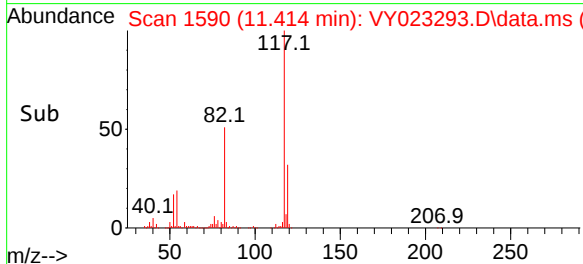
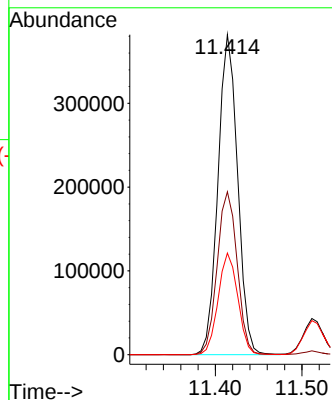
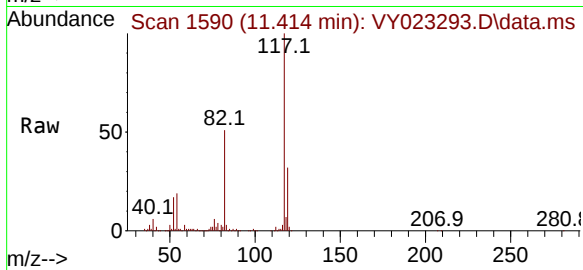
Tgt Ion:117 Resp: 602095

Ion Ratio Lower Upper

117 100

82 50.9 43.4 65.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 25.732 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Tgt Ion:164 Resp: 138345

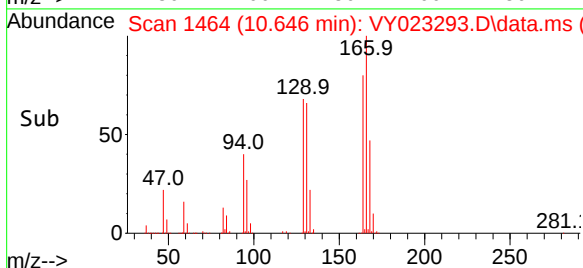
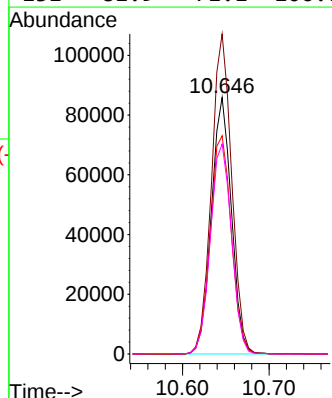
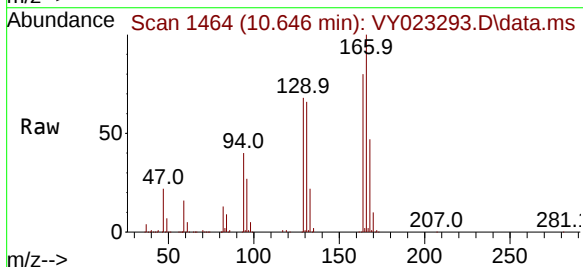
Ion Ratio Lower Upper

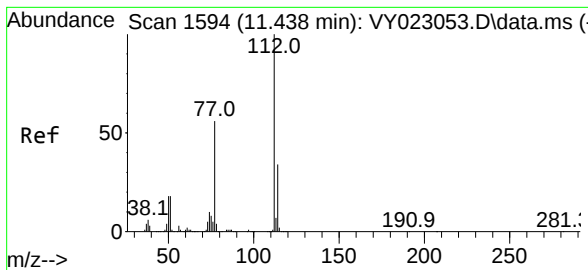
164 100

166 124.8 101.1 151.7

129 85.1 74.0 111.0

131 81.9 71.1 106.7

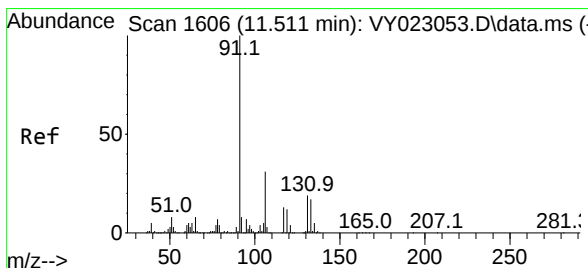
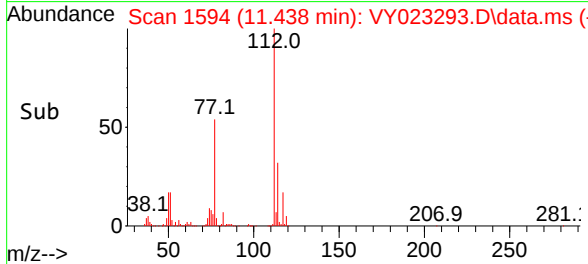
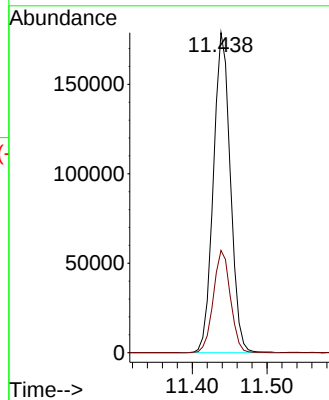
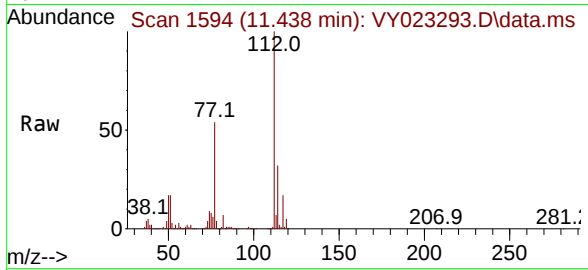




#65
Chlorobenzene
Concen: 21.784 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

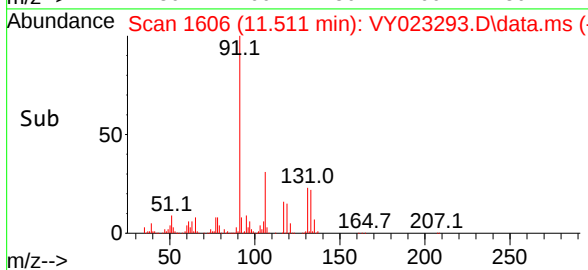
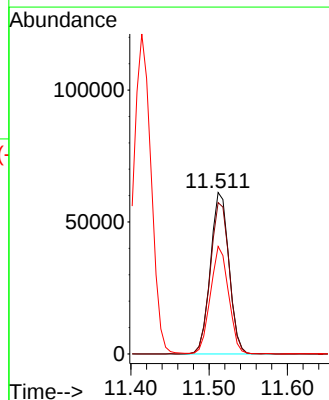
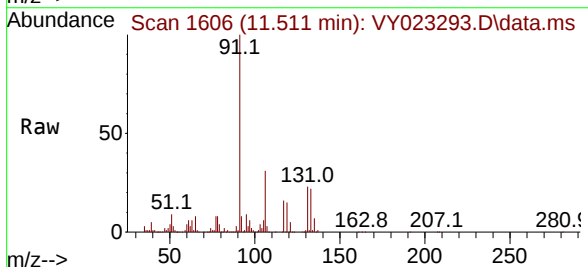
Instrument :
MSVOA_Y
ClientSampleId :

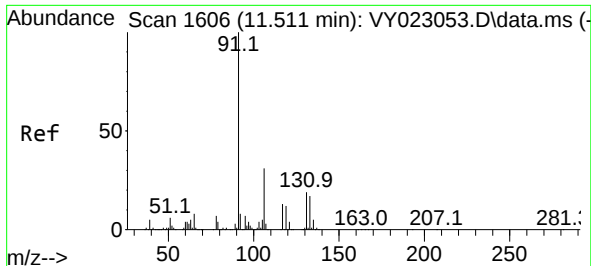
Tgt Ion:112 Resp: 282915
Ion Ratio Lower Upper
112 100
114 31.9 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.860 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion:131 Resp: 100761
Ion Ratio Lower Upper
131 100
133 95.8 46.9 140.6
119 65.3 33.2 99.6





#67

Ethyl Benzene

Concen: 20.625 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

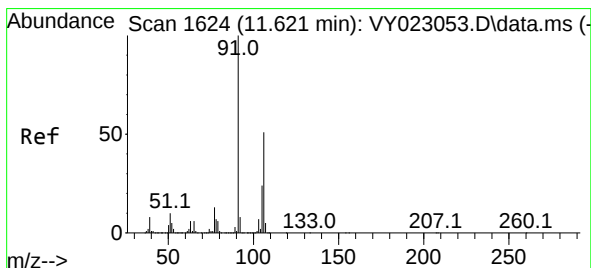
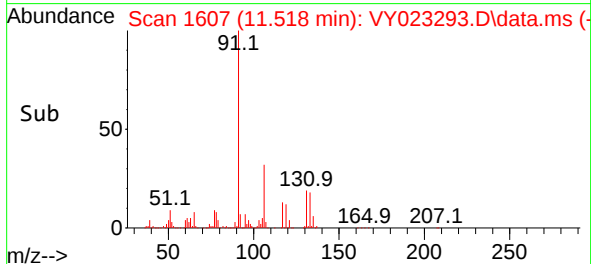
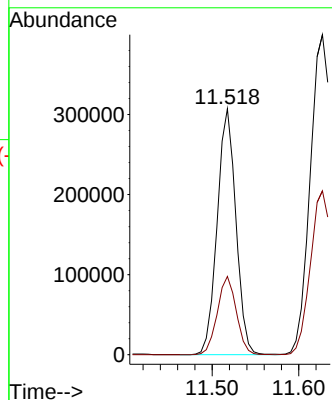
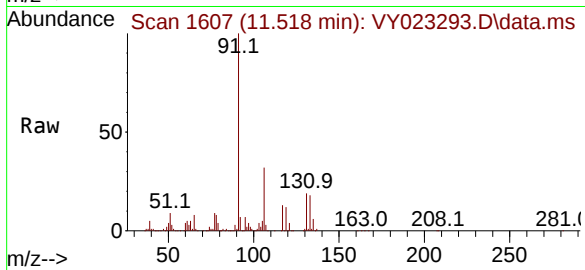
ClientSampleId :

Tgt Ion: 91 Resp: 460968

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 42.473 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023293.D

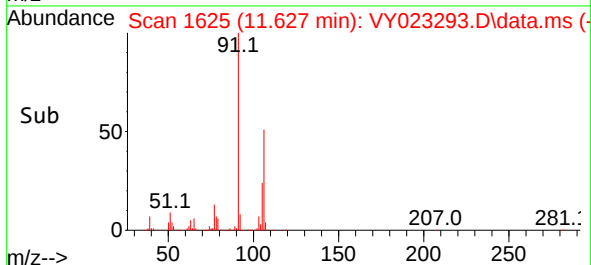
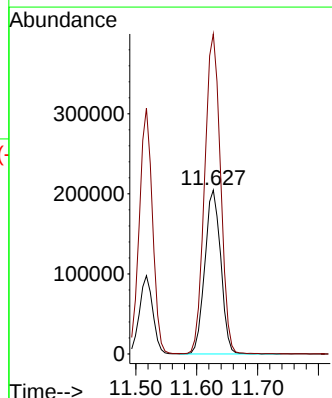
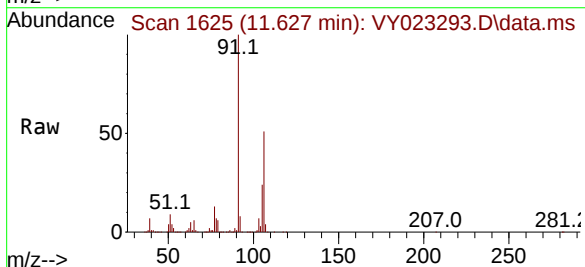
Acq: 05 Sep 2025 11:14

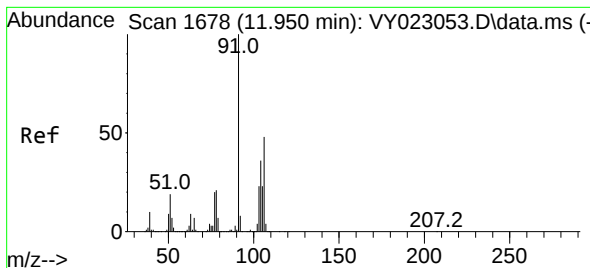
Tgt Ion: 106 Resp: 370749

Ion Ratio Lower Upper

106 100

91 194.7 158.6 238.0





#69

o-Xylene

Concen: 20.815 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

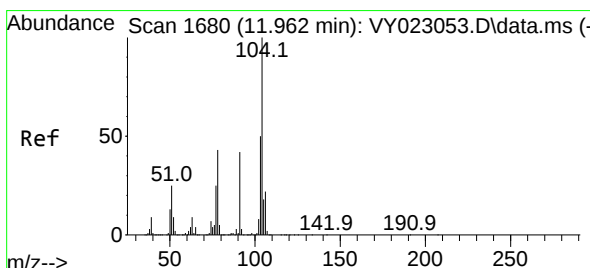
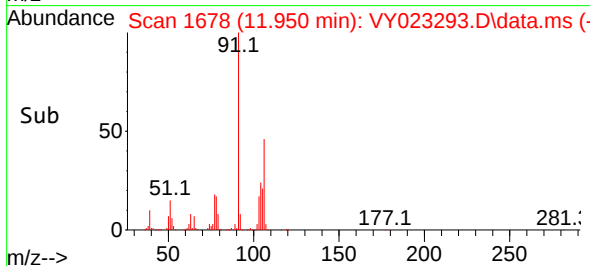
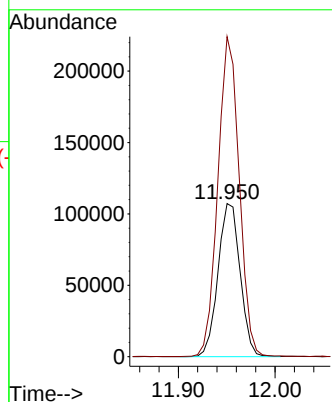
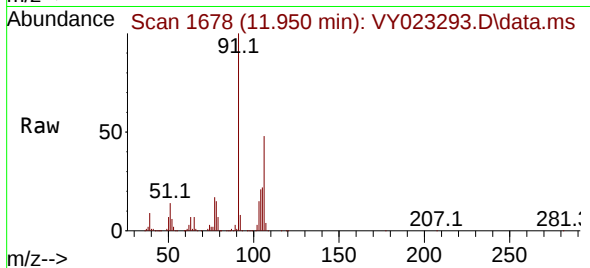
ClientSampleId :

Tgt Ion:106 Resp: 170174

Ion Ratio Lower Upper

106 100

91 201.9 103.2 309.4



#70

Styrene

Concen: 21.404 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

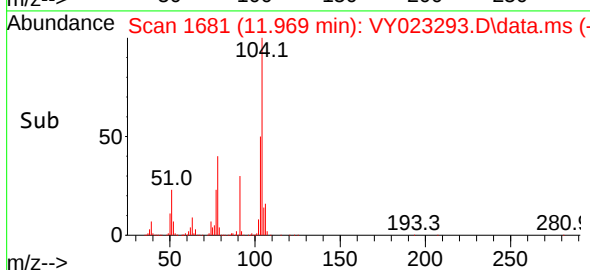
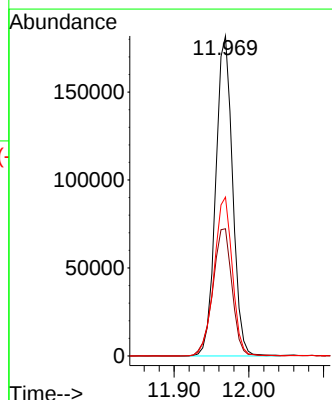
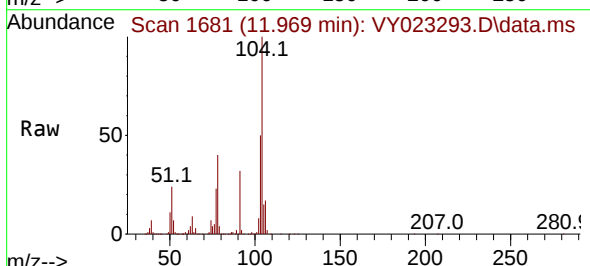
Tgt Ion:104 Resp: 286170

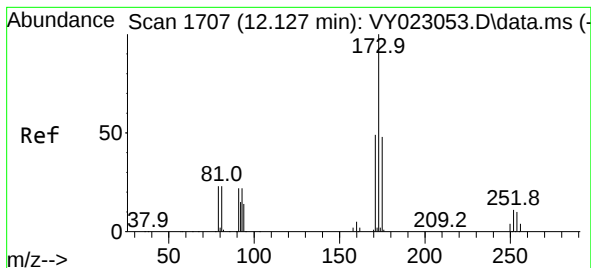
Ion Ratio Lower Upper

104 100

78 45.3 38.5 57.7

103 53.7 43.7 65.5





#71

Bromoform

Concen: 23.168 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

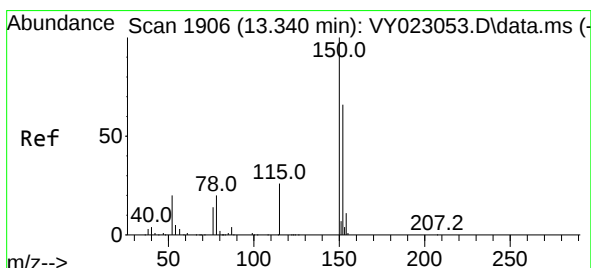
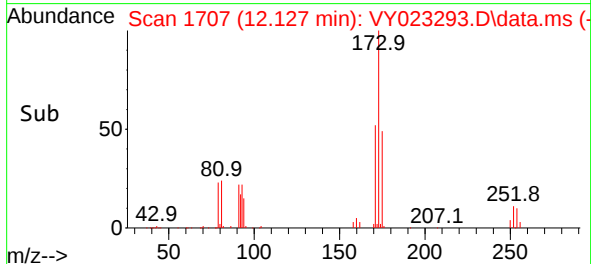
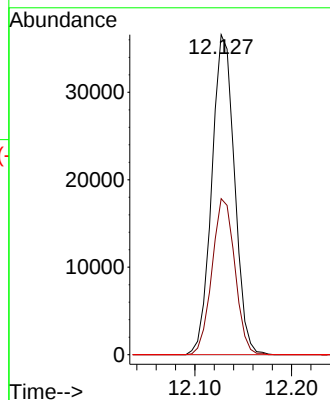
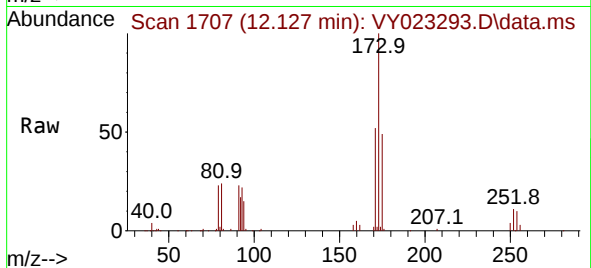
Tgt Ion:173 Resp: 59684

Ion Ratio Lower Upper

173 100

175 49.1 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

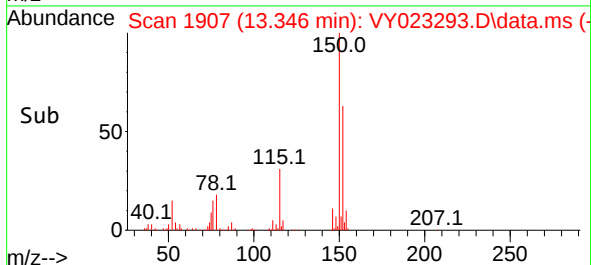
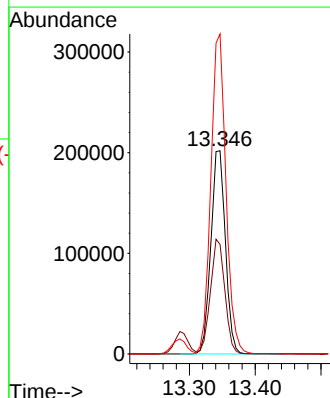
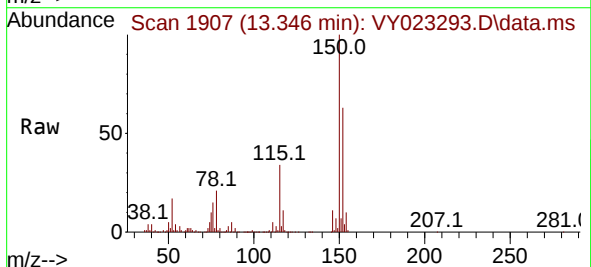
Tgt Ion:152 Resp: 311021

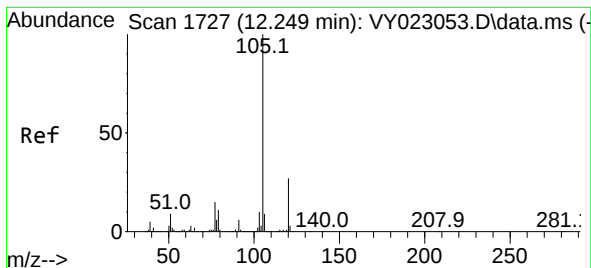
Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.6

150 163.1 0.0 348.0





#73

Isopropylbenzene

Concen: 20.331 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

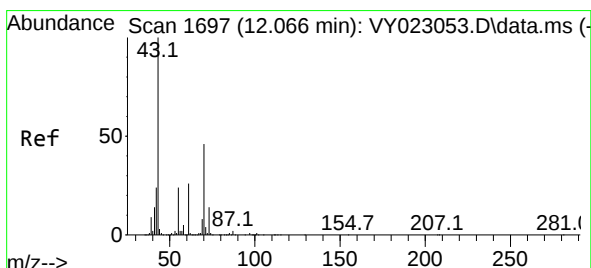
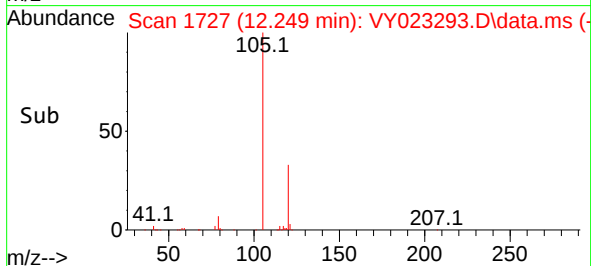
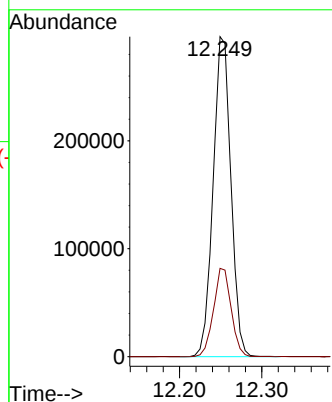
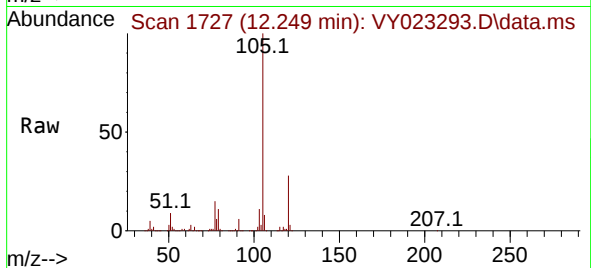
ClientSampleId :

Tgt Ion:105 Resp: 446308

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 17.643 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Tgt Ion: 43 Resp: 82131

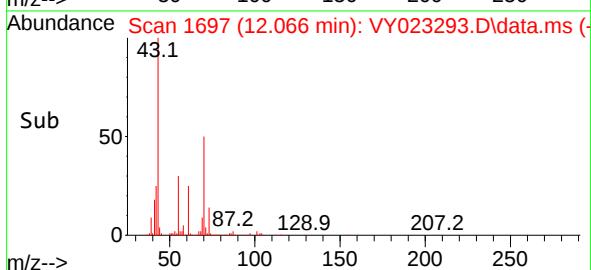
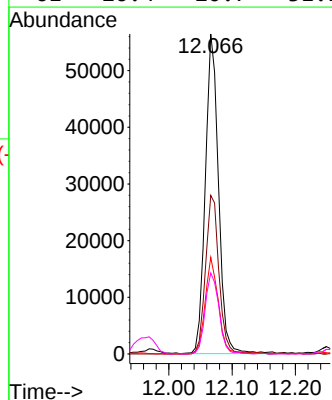
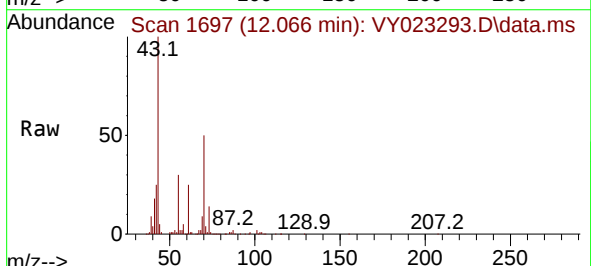
Ion Ratio Lower Upper

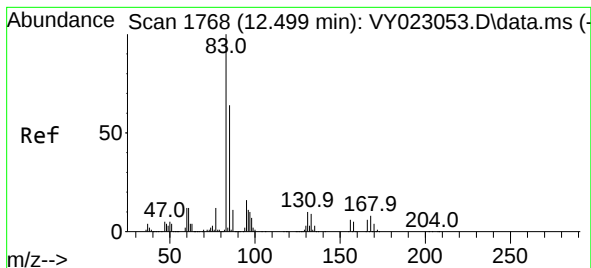
43 100

70 50.4 37.5 56.3

55 30.1 20.7 31.1

61 26.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.971 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

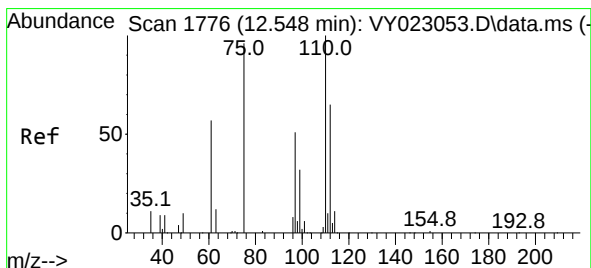
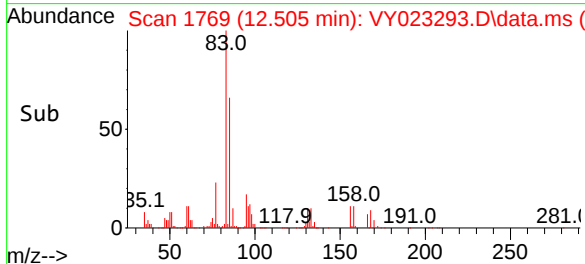
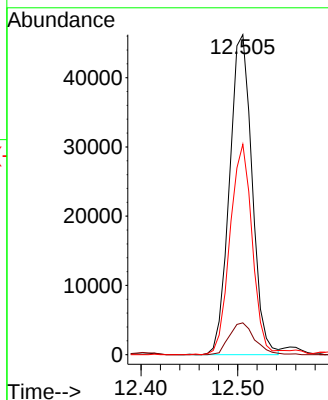
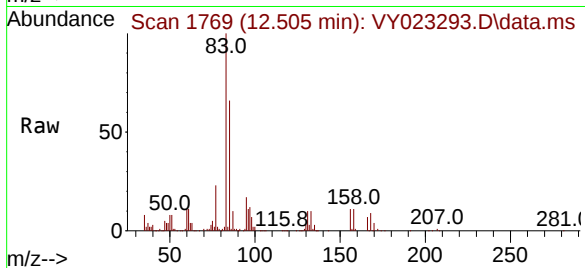
Tgt Ion: 83 Resp: 74853

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.3

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 33.508 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023293.D

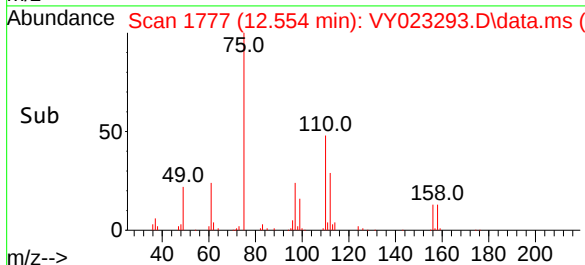
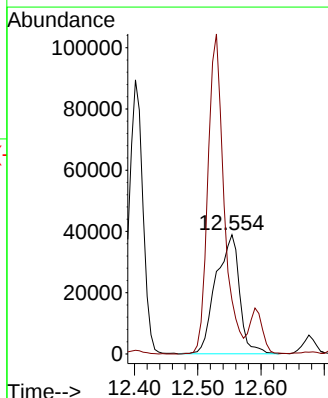
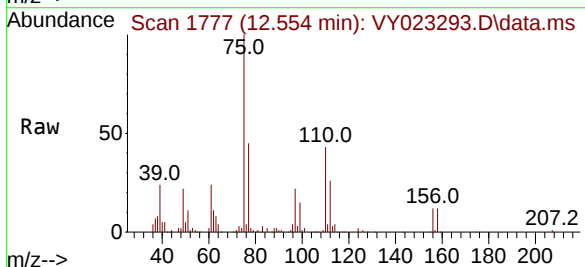
Acq: 05 Sep 2025 11:14

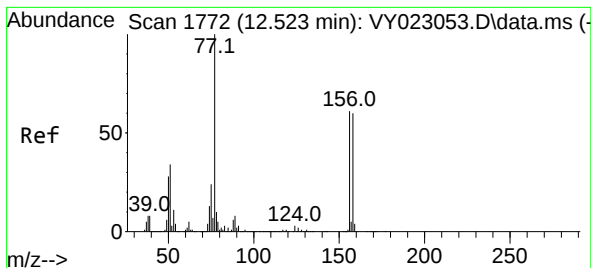
Tgt Ion: 75 Resp: 100581

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.729 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

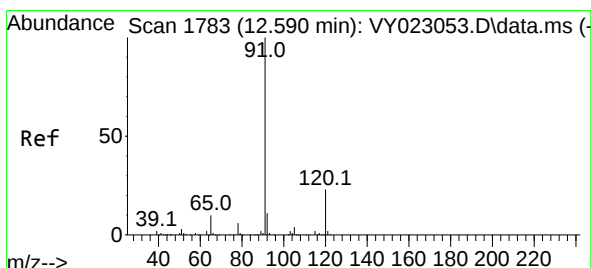
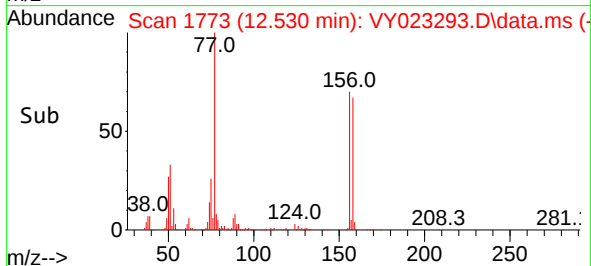
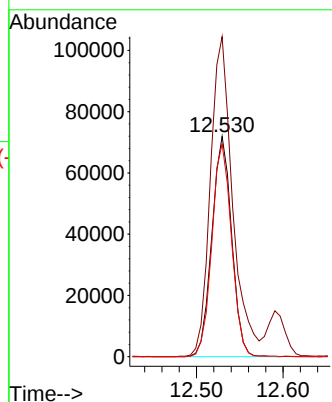
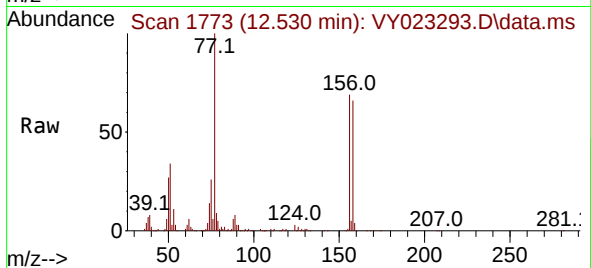
Tgt Ion:156 Resp: 113793

Ion Ratio Lower Upper

156 100

77 163.5 88.1 264.4

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 20.459 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023293.D

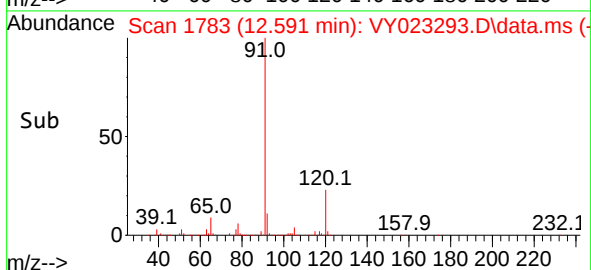
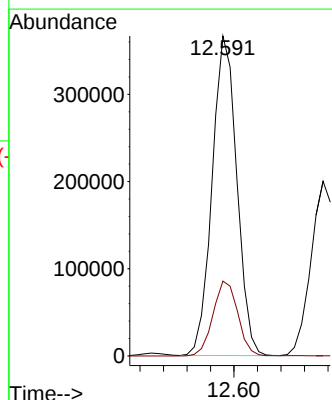
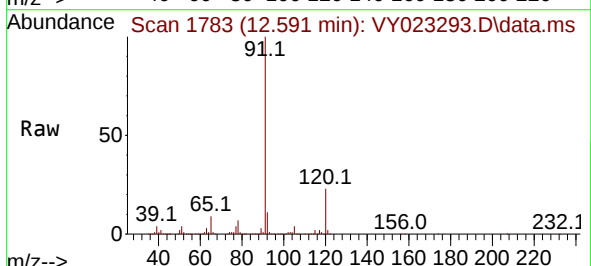
Acq: 05 Sep 2025 11:14

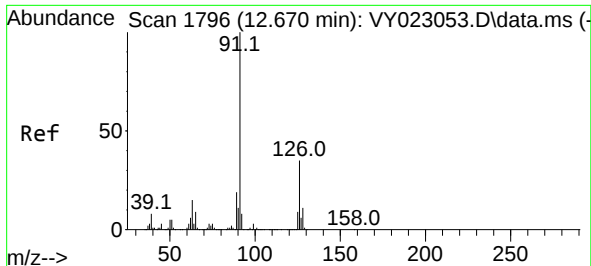
Tgt Ion: 91 Resp: 534691

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.5





#79

2-Chlorotoluene

Concen: 20.319 ug/l

RT: 12.676 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

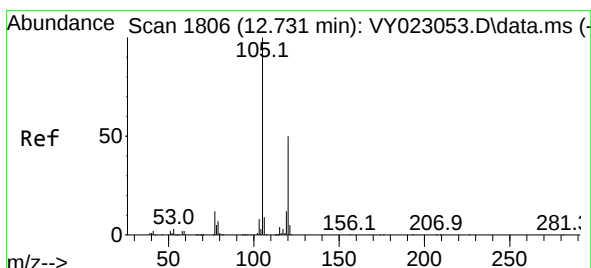
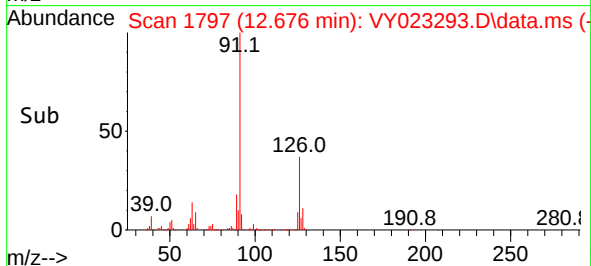
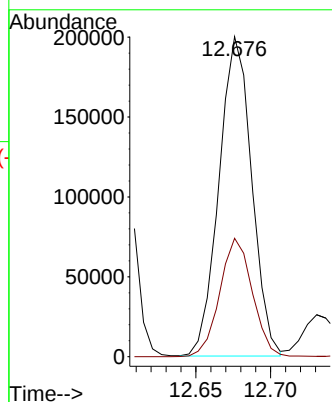
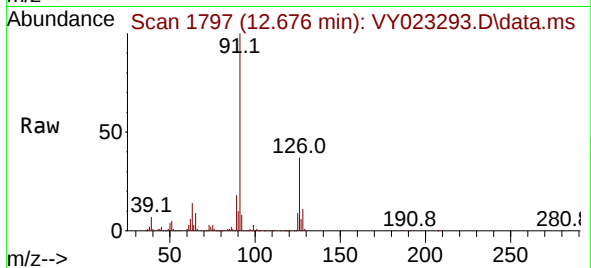
ClientSampleId :

Tgt Ion: 91 Resp: 304262

Ion Ratio Lower Upper

91 100

126 36.9 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 20.556 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY023293.D

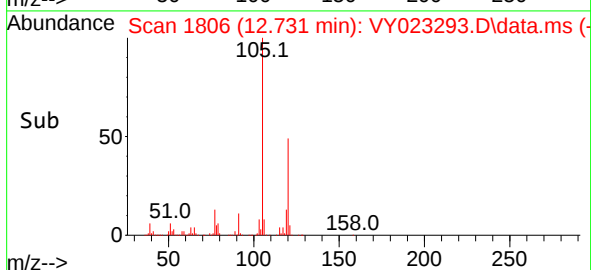
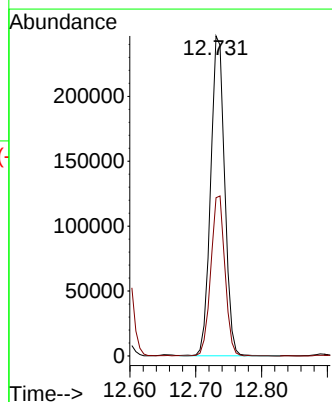
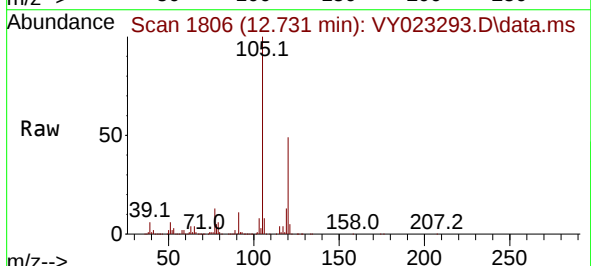
Acq: 05 Sep 2025 11:14

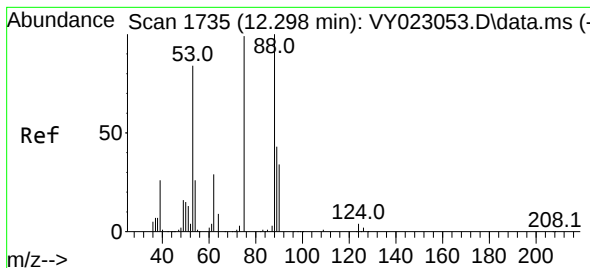
Tgt Ion: 105 Resp: 364679

Ion Ratio Lower Upper

105 100

120 50.5 24.8 74.4

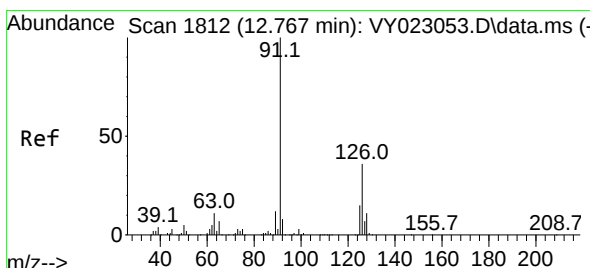
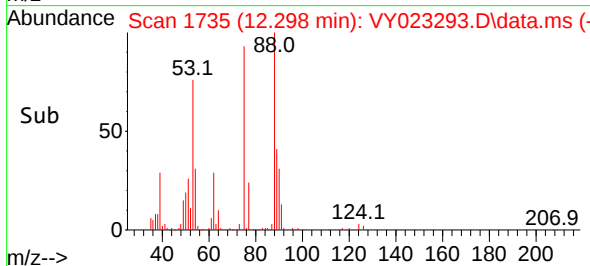
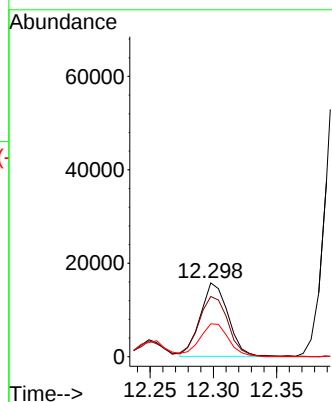
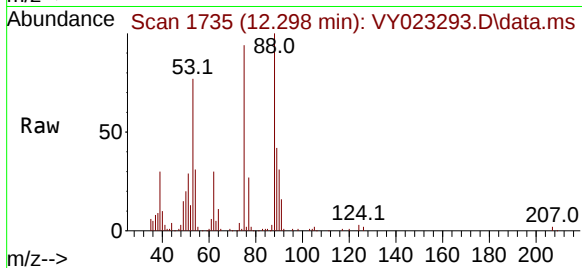




#81
trans-1,4-Dichloro-2-butene
Concen: 19.418 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

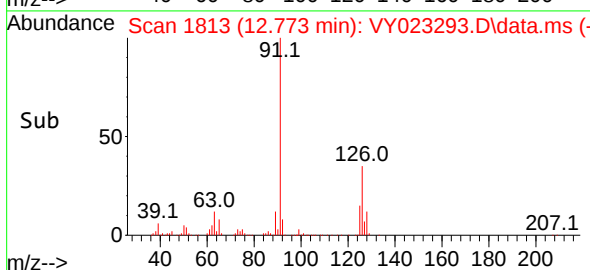
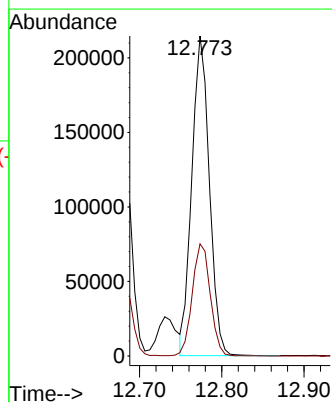
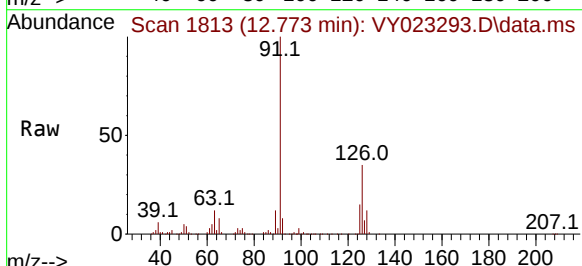
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24079
Ion Ratio Lower Upper
75 100
53 85.7 70.8 106.2
89 46.4 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.395 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 91 Resp: 316819
Ion Ratio Lower Upper
91 100
126 36.3 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.619 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

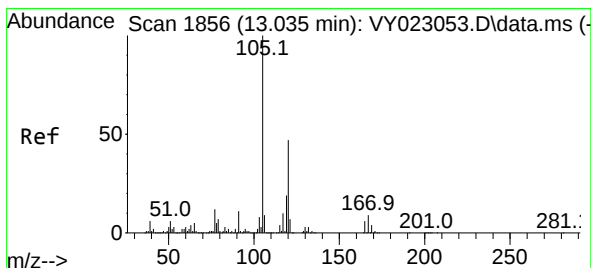
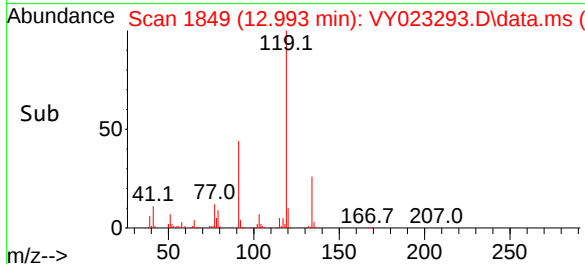
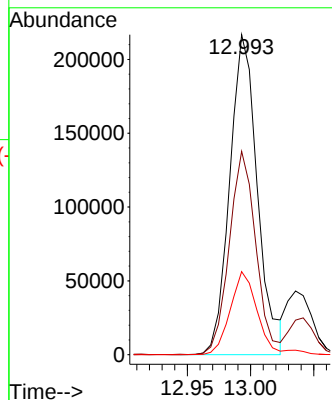
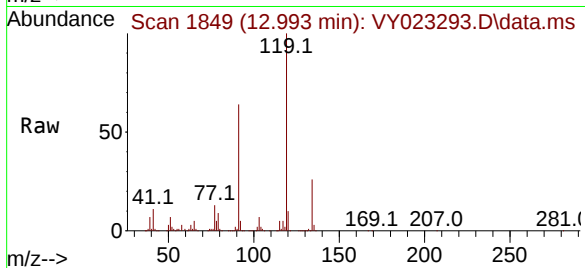
Tgt Ion:119 Resp: 330385

Ion Ratio Lower Upper

119 100

91 61.0 31.6 94.8

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.711 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023293.D

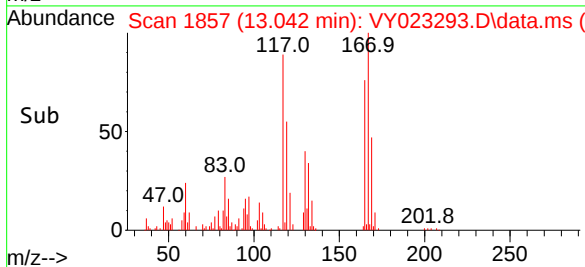
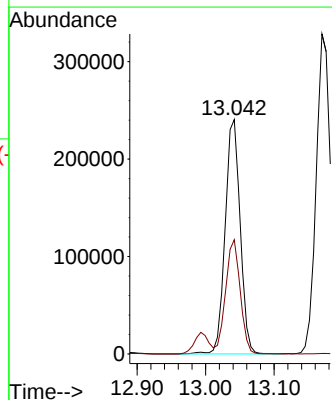
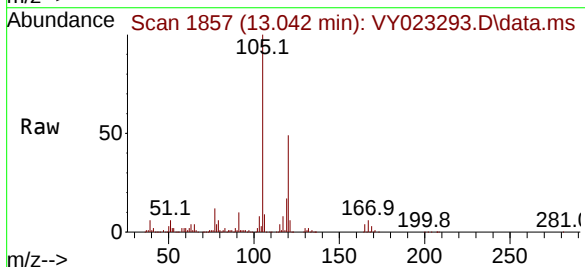
Acq: 05 Sep 2025 11:14

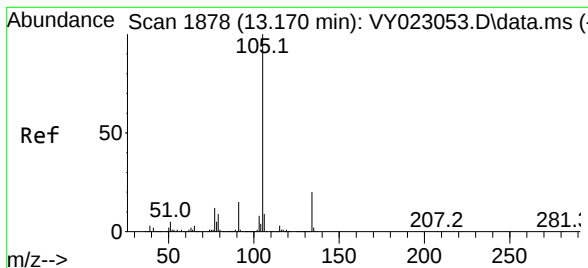
Tgt Ion:105 Resp: 365768

Ion Ratio Lower Upper

105 100

120 47.3 23.0 69.0

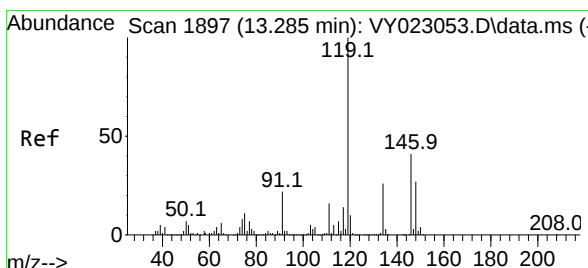
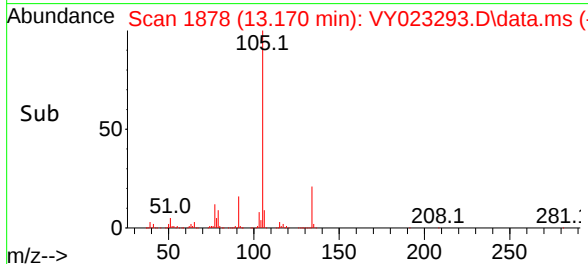
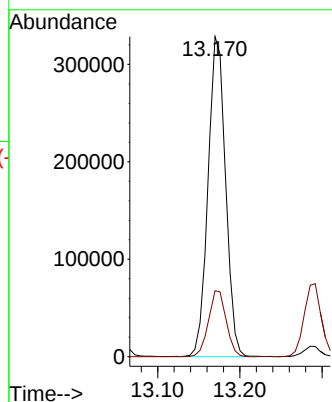
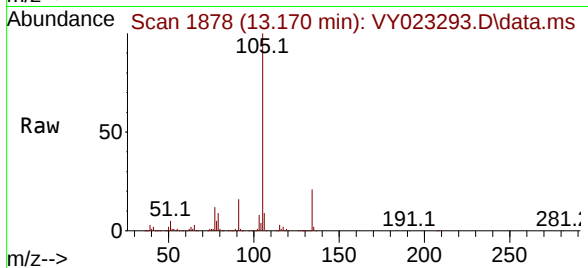




#85
 sec-Butylbenzene
 Concen: 20.665 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023293.D
 Acq: 05 Sep 2025 11:14

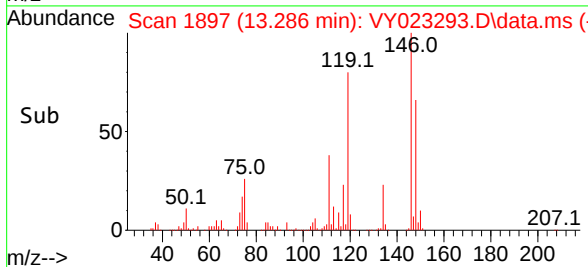
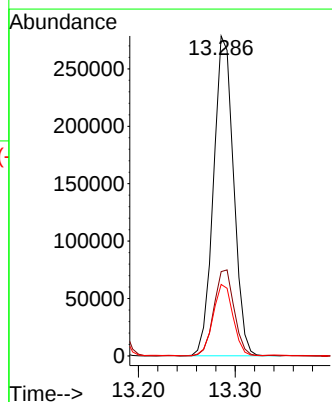
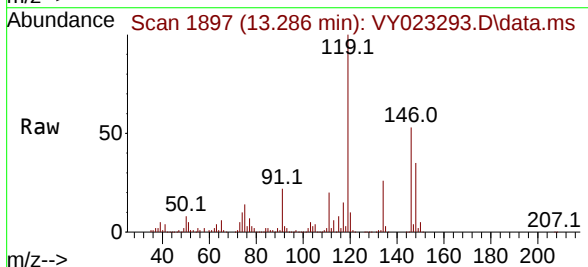
Instrument :
 MSVOA_Y
 ClientSampleId :

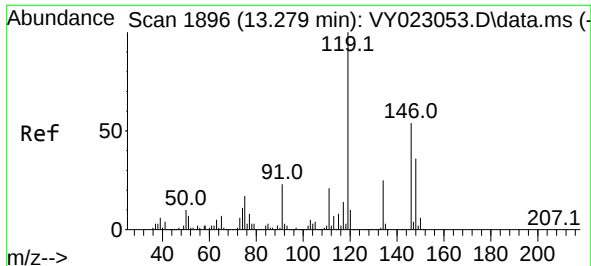
Tgt Ion:105 Resp: 486403
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.530 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023293.D
 Acq: 05 Sep 2025 11:14

Tgt Ion:119 Resp: 401104
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.6
 91 22.3 11.3 33.8

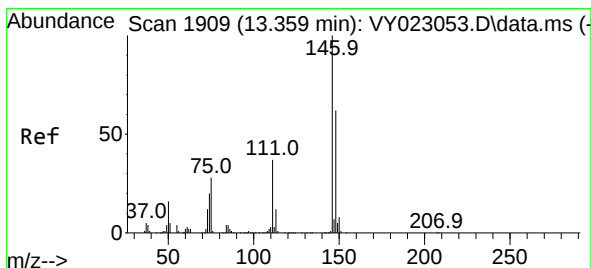
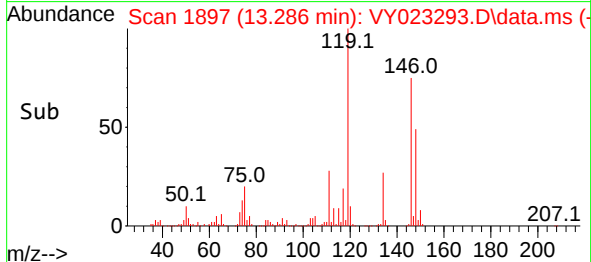
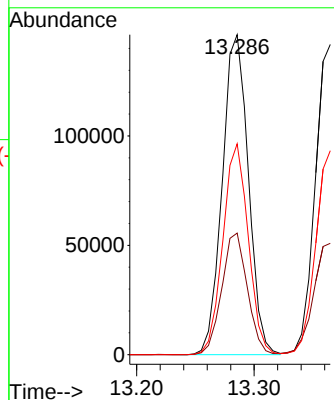
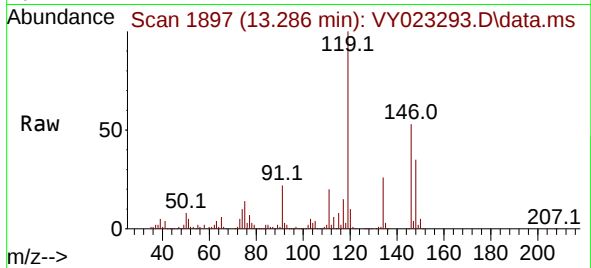




#87
 1,3-Dichlorobenzene
 Concen: 21.865 ug/l
 RT: 13.286 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY023293.D
 Acq: 05 Sep 2025 11:14

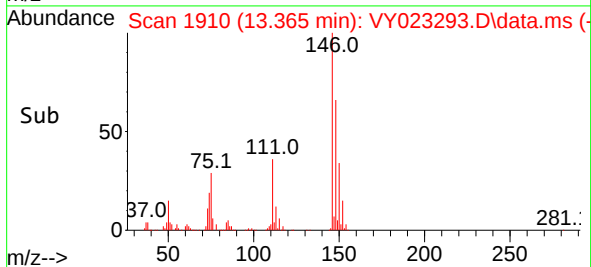
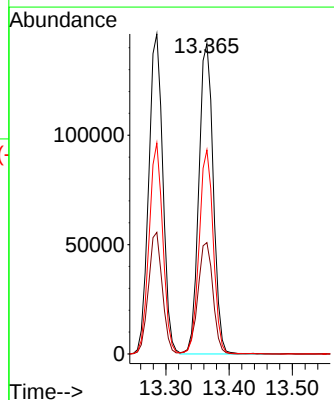
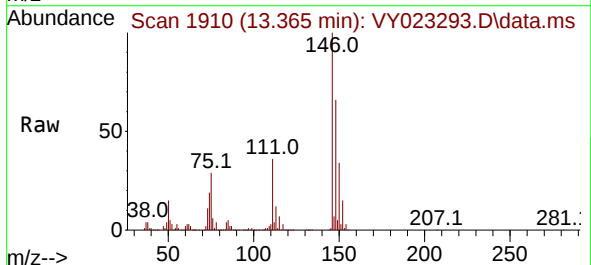
Instrument :
 MSVOA_Y
 ClientSampleId :

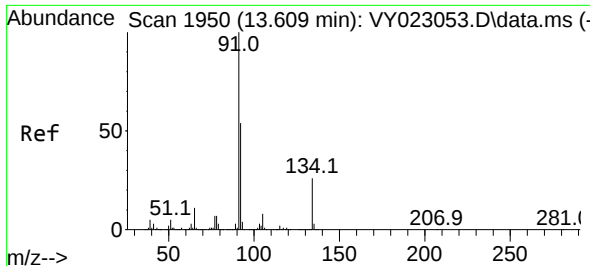
Tgt Ion:146 Resp: 225811
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.6 58.7
 148 64.1 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 21.977 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023293.D
 Acq: 05 Sep 2025 11:14

Tgt Ion:146 Resp: 225144
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.1
 148 64.1 31.6 94.7

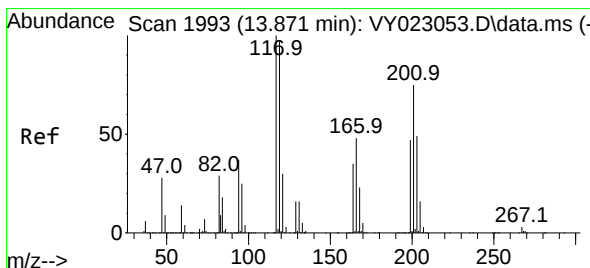
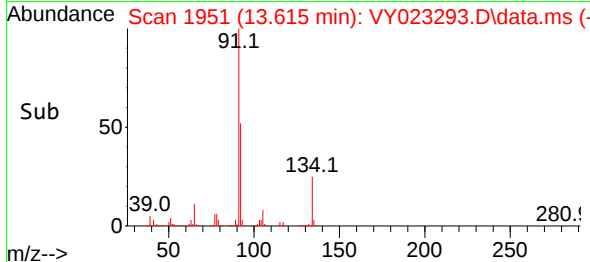
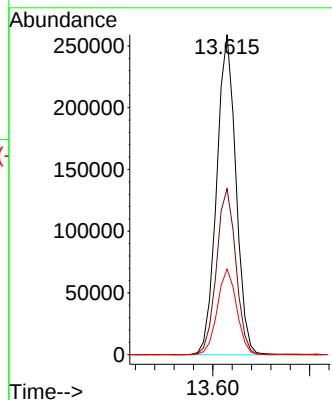
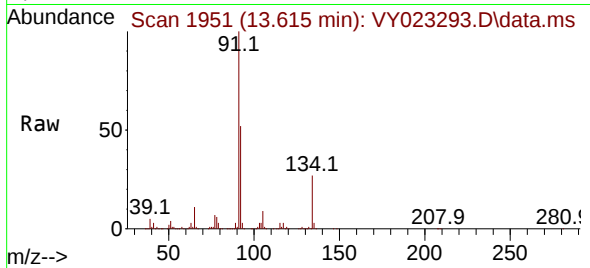




#89
n-Butylbenzene
Concen: 19.915 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

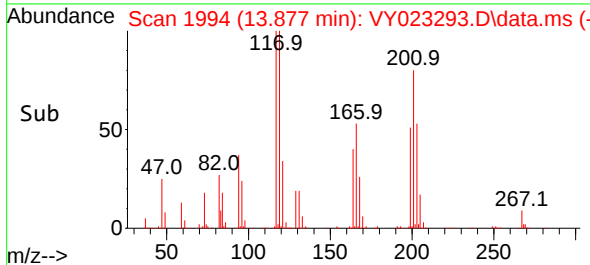
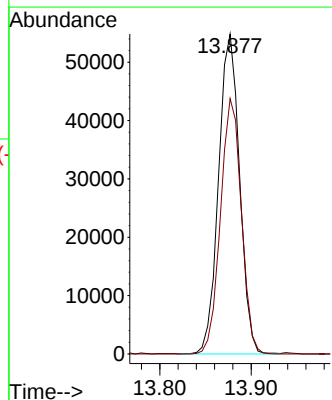
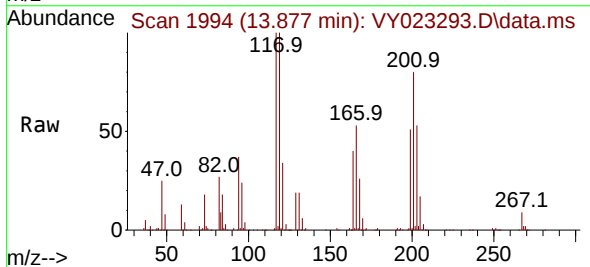
Instrument :
MSVOA_Y
ClientSampleId :

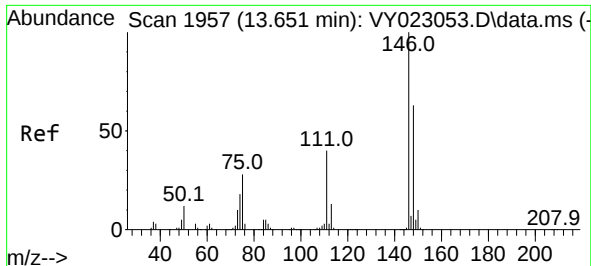
Tgt Ion: 91 Resp: 357364
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.7
134 27.0 13.2 39.5



#90
Hexachloroethane
Concen: 21.910 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion: 117 Resp: 87630
Ion Ratio Lower Upper
117 100
201 79.2 38.4 115.1

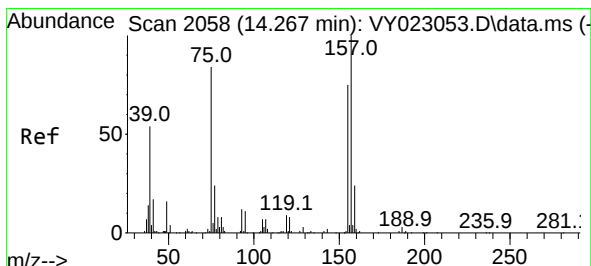
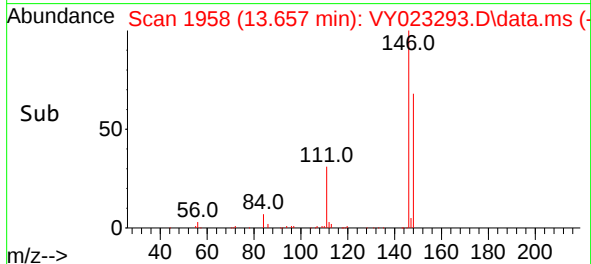
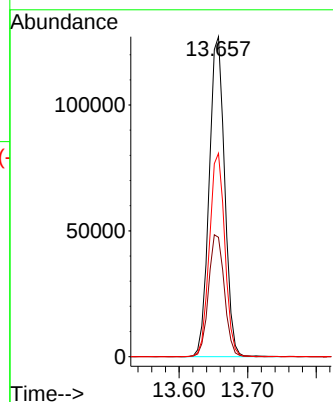
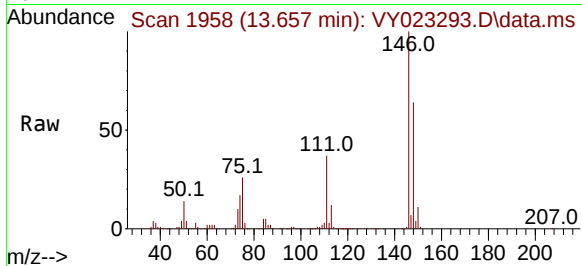




#91
1,2-Dichlorobenzene
Concen: 22.097 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

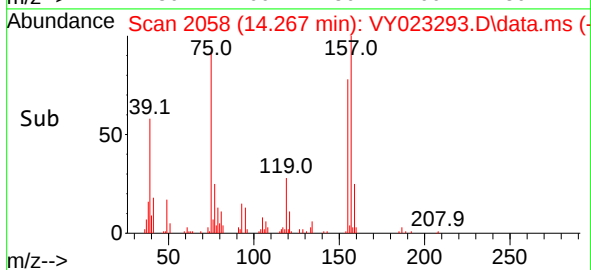
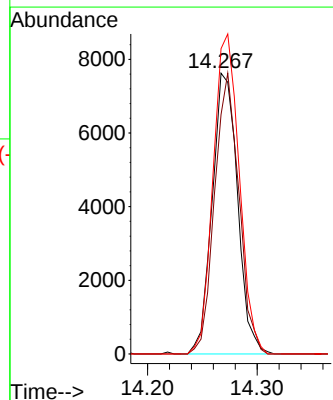
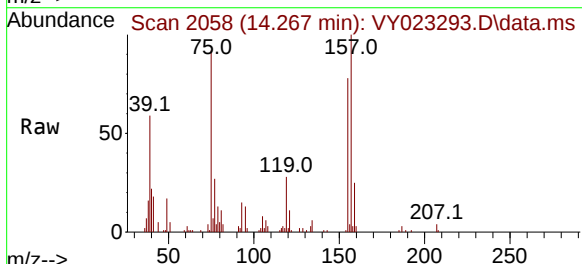
Instrument :
MSVOA_Y
ClientSampleId :

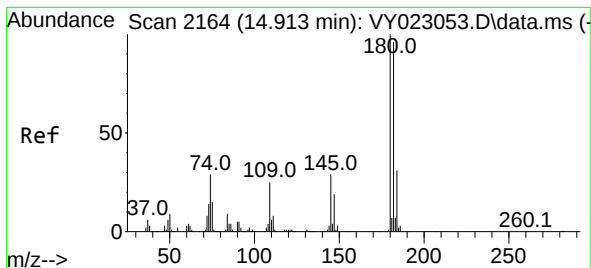
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	60.8
148	63.2	32.2	96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.000 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY023293.D
Acq: 05 Sep 2025 11:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	43.9	131.6
157	117.3	57.2	171.6





#93

1,2,4-Trichlorobenzene

Concen: 21.182 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

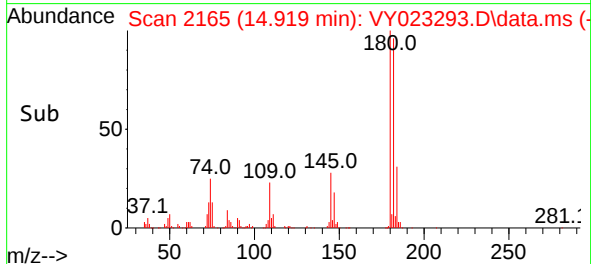
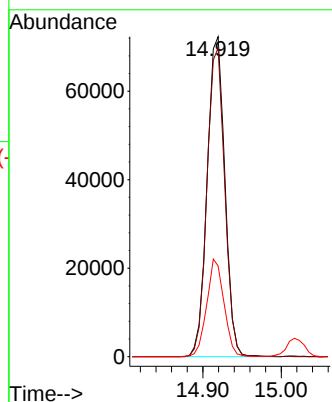
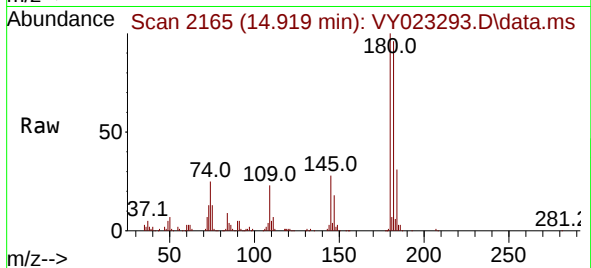
Tgt Ion:180 Resp: 113451

Ion Ratio Lower Upper

180 100

182 96.4 46.8 140.4

145 29.8 14.4 43.4



#94

Hexachlorobutadiene

Concen: 23.115 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

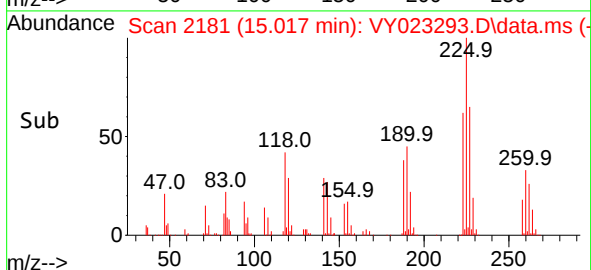
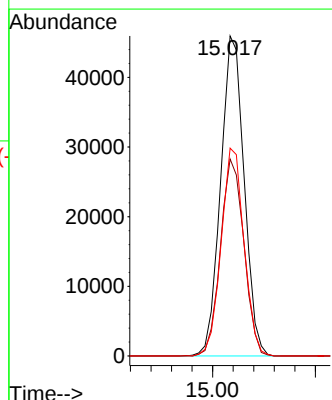
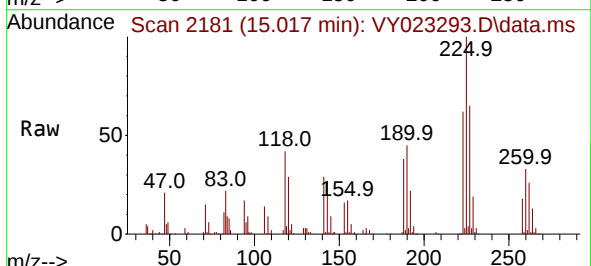
Tgt Ion:225 Resp: 72751

Ion Ratio Lower Upper

225 100

223 61.4 31.3 93.8

227 63.3 31.5 94.5





#95

Naphthalene

Concen: 20.019 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Instrument :

MSVOA_Y

ClientSampleId :

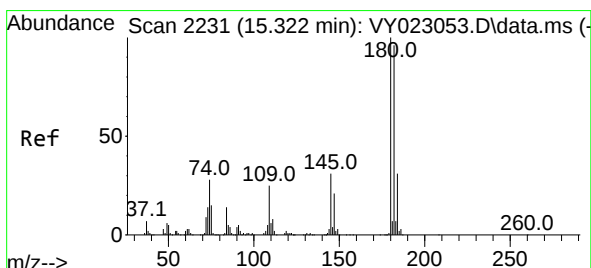
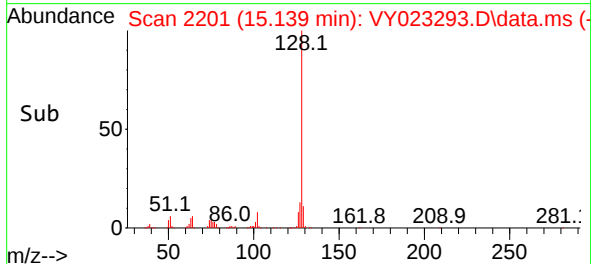
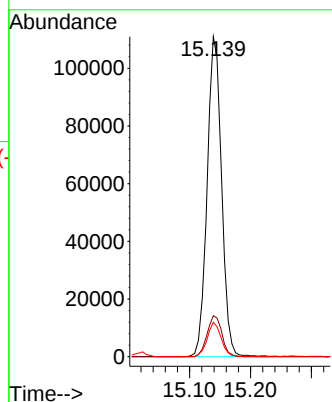
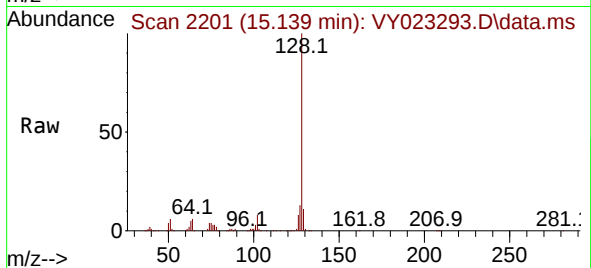
Tgt Ion:128 Resp: 182836

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.3 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 21.529 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023293.D

Acq: 05 Sep 2025 11:14

Tgt Ion:180 Resp: 99361

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.7

145 30.9 15.9 47.7

