

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
 Data File : VY023620.D
 Acq On : 30 Oct 2025 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 02:33:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	476273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	677359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	596160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	319486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	194738	48.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.800%
35) Dibromofluoromethane	7.640	113	216331	51.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.960%
50) Toluene-d8	10.109	98	799605	51.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.408	95	268776	52.523	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	144546	42.164	ug/l	98
3) Chloromethane	2.074	50	207622	44.458	ug/l	99
4) Vinyl Chloride	2.208	62	279830	46.004	ug/l	100
5) Bromomethane	2.598	94	225818	44.239	ug/l	97
6) Chloroethane	2.739	64	204162	49.240	ug/l	98
7) Trichlorofluoromethane	3.062	101	412785	48.875	ug/l	99
8) Diethyl Ether	3.458	74	111000	50.297	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	237102	54.100	ug/l	98
10) Methyl Iodide	4.007	142	277197	56.814	ug/l	99
11) Tert butyl alcohol	4.860	59	76519	258.259	ug/l	100
12) 1,1-Dichloroethene	3.793	96	214522	50.494	ug/l	96
13) Acrolein	3.659	56	19962	47.681	ug/l	97
14) Allyl chloride	4.385	41	276363	53.376	ug/l	99
15) Acrylonitrile	5.061	53	223914	265.122	ug/l	100
16) Acetone	3.866	43	272045	286.923	ug/l	100
17) Carbon Disulfide	4.110	76	569832	46.863	ug/l	99
18) Methyl Acetate	4.385	43	159416	64.095	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	543386	53.216	ug/l	100
20) Methylene Chloride	4.616	84	250423	48.844	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	249092	53.254	ug/l	97
22) Diisopropyl ether	6.025	45	652087	56.936	ug/l	97
23) Vinyl Acetate	5.964	43	1619023	261.167	ug/l	99
24) 1,1-Dichloroethane	5.921	63	418905	55.217	ug/l	99
25) 2-Butanone	6.896	43	308109	266.176	ug/l	98
26) 2,2-Dichloropropane	6.890	77	392162	56.335	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	297957	55.147	ug/l	98
28) Bromochloromethane	7.250	49	137996	48.725	ug/l	94
29) Tetrahydrofuran	7.262	42	168150	256.168	ug/l	100
30) Chloroform	7.421	83	469571	56.336	ug/l	98
31) Cyclohexane	7.707	56	324303	48.950	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	416488	54.984	ug/l	99
36) 1,1-Dichloropropene	7.835	75	308877	56.056	ug/l	98
37) Ethyl Acetate	6.988	43	112515	51.542	ug/l	99
38) Carbon Tetrachloride	7.823	117	375303	56.172	ug/l	98
39) Methylcyclohexane	9.109	83	378393	52.743	ug/l	95
40) Benzene	8.085	78	986871	56.554	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	56389	47.762	ug/l	92
42) 1,2-Dichloroethane	8.158	62	252557	56.119	ug/l	100
43) Isopropyl Acetate	8.201	43	227810	52.336	ug/l	98
44) Trichloroethene	8.872	130	278050	54.440	ug/l	99
45) 1,2-Dichloropropane	9.146	63	224668	58.290	ug/l	99
46) Dibromomethane	9.231	93	136398	55.965	ug/l	98
47) Bromodichloromethane	9.426	83	355124	57.855	ug/l	97
48) Methyl methacrylate	9.225	41	111390	54.471	ug/l	97
49) 1,4-Dioxane	9.231	88	27653	978.609	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	640982	285.011	ug/l	99
52) Toluene	10.170	92	650543	57.417	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	301599	56.509	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	360617	57.248	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	187378	57.173	ug/l	95
56) Ethyl methacrylate	10.438	69	216514	57.271	ug/l	98
57) 1,3-Dichloropropane	10.719	76	297993	57.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	461417	272.450	ug/l	99
59) 2-Hexanone	10.762	43	458343	285.178	ug/l	98
60) Dibromochloromethane	10.914	129	262340	57.093	ug/l	100
61) 1,2-Dibromoethane	11.018	107	174366	55.785	ug/l	100
64) Tetrachloroethene	10.652	164	343582	55.816	ug/l	98
65) Chlorobenzene	11.444	112	734181	56.623	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	265987	57.566	ug/l	99
67) Ethyl Benzene	11.517	91	1235582	58.870	ug/l	100
68) m/p-Xylenes	11.627	106	991978	117.835	ug/l	98
69) o-Xylene	11.956	106	461292	58.420	ug/l	98
70) Styrene	11.969	104	780192	60.085	ug/l	100
71) Bromoform	12.133	173	158369	55.256	ug/l #	99
73) Isopropylbenzene	12.255	105	1215315	57.722	ug/l	99
74) N-amyl acetate	12.072	43	196138	51.865	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	187426	54.427	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	252897	89.721	ug/l #	100
77) Bromobenzene	12.536	156	303647	54.248	ug/l	96
78) n-propylbenzene	12.597	91	1433132	58.821	ug/l	99
79) 2-Chlorotoluene	12.682	91	818527	57.369	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	1005252	59.085	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	61166	53.212	ug/l	98
82) 4-Chlorotoluene	12.779	91	851937	57.978	ug/l	99
83) tert-Butylbenzene	12.999	119	907974	57.800	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	989725	58.289	ug/l	99
85) sec-Butylbenzene	13.176	105	1318625	58.517	ug/l	99
86) p-Isopropyltoluene	13.292	119	1126025	58.690	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	601083	55.146	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	588374	54.656	ug/l	100
89) n-Butylbenzene	13.615	91	982880	58.794	ug/l	98
90) Hexachloroethane	13.877	117	231387	56.073	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	521851	54.609	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28854	51.066	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	307425	51.603	ug/l	99
94) Hexachlorobutadiene	15.023	225	197947	53.302	ug/l	99
95) Naphthalene	15.145	128	474724	50.041	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	261118	50.602	ug/l	99

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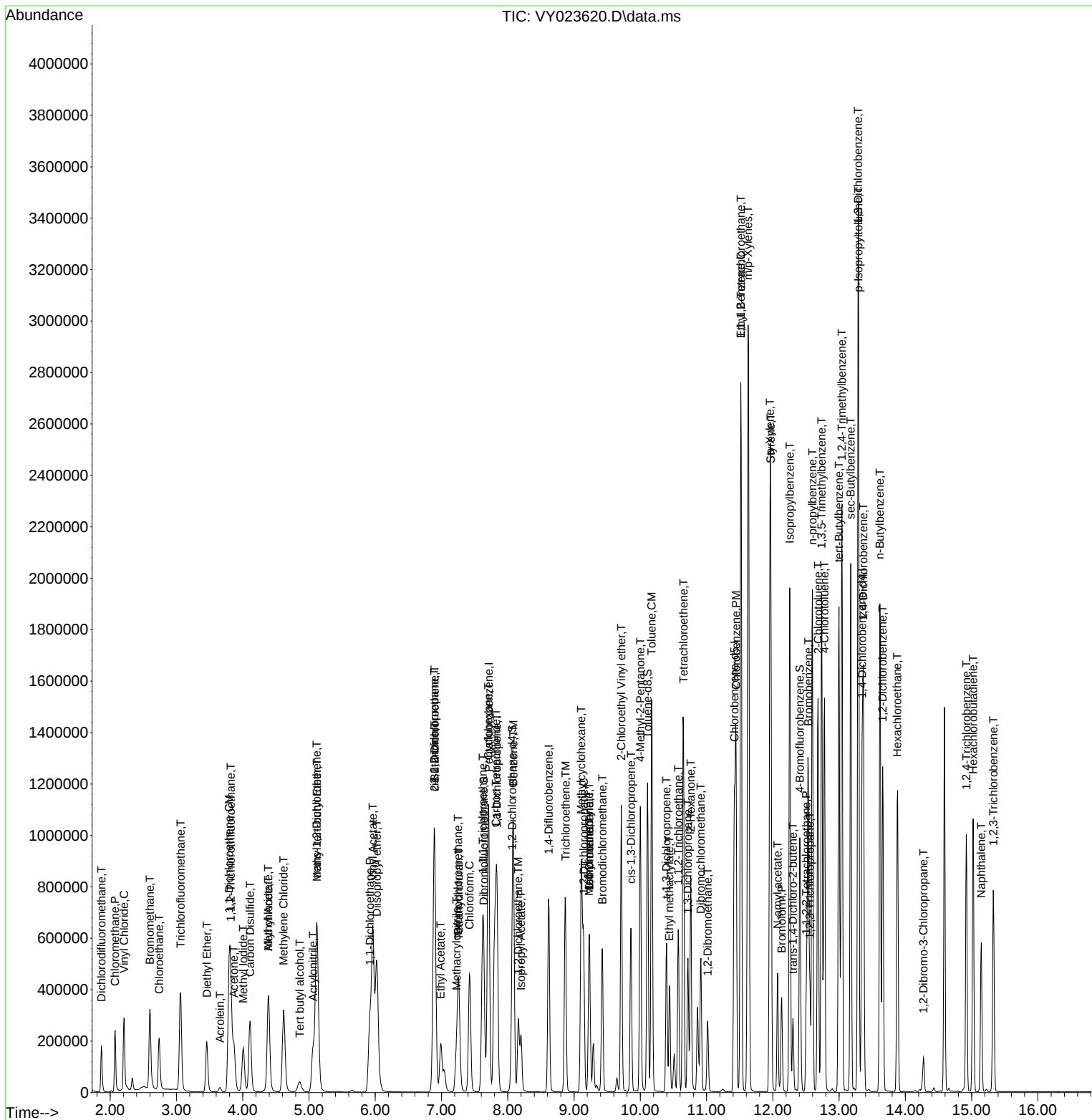
Instrument :
MSVOA_Y
ClientSampleId :

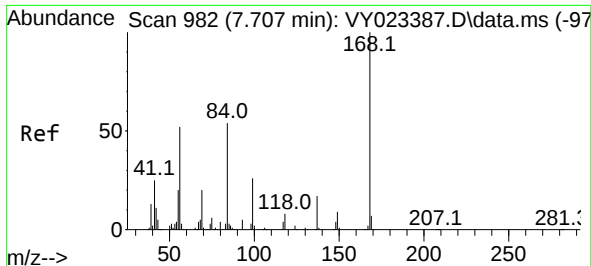
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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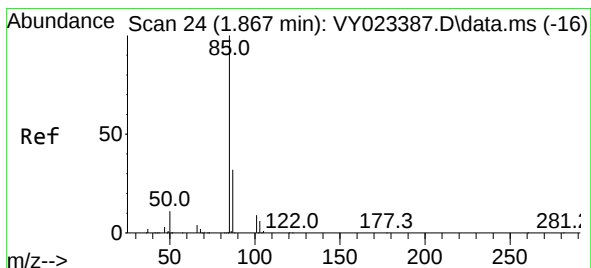
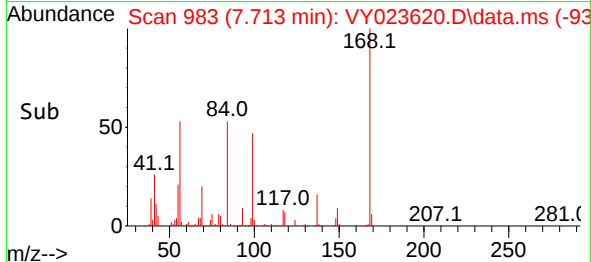
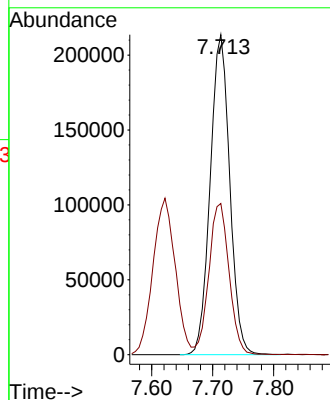
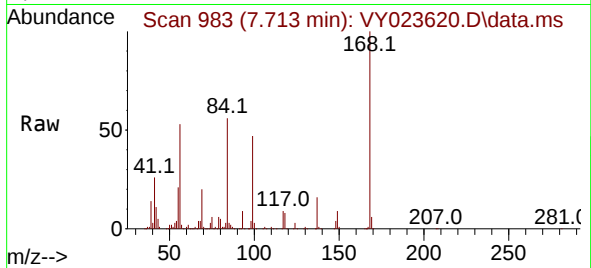




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

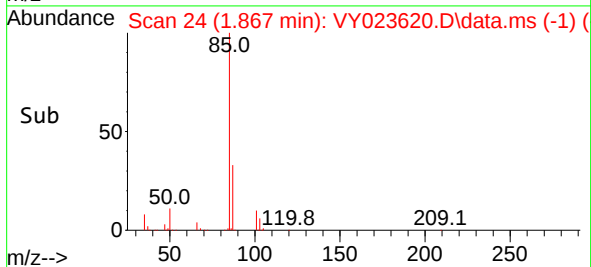
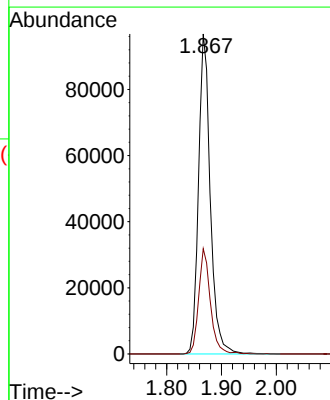
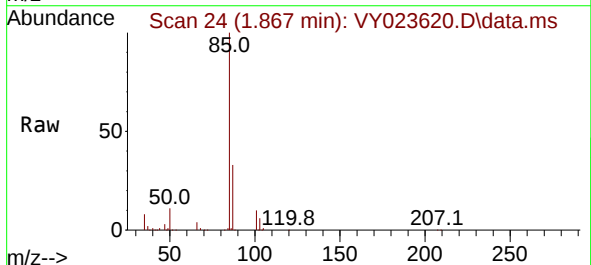
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 476273
Ion Ratio Lower Upper
168 100
99 47.1 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 42.164 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 85 Resp: 144546
Ion Ratio Lower Upper
85 100
87 32.9 16.0 47.9

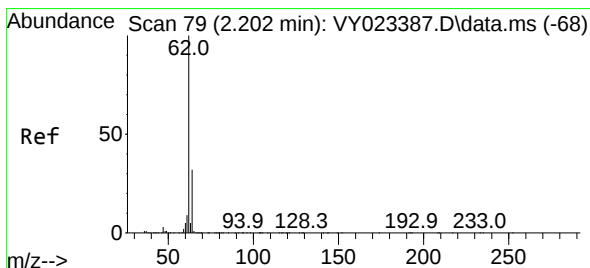
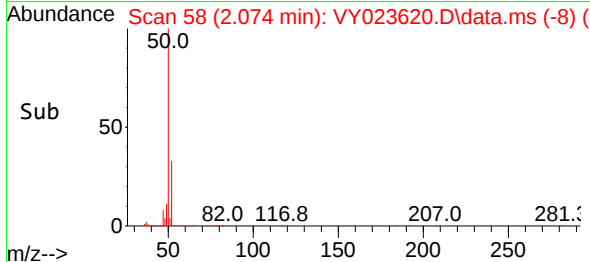
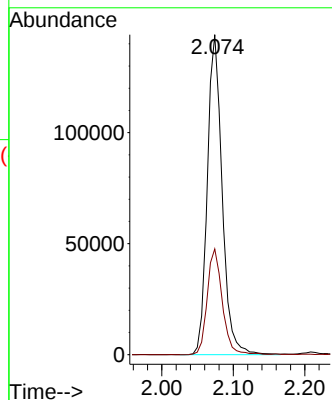
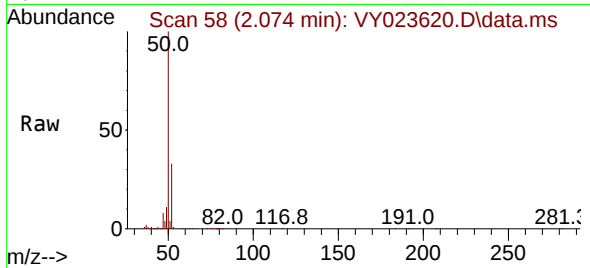




#3
Chloromethane
Concen: 44.458 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

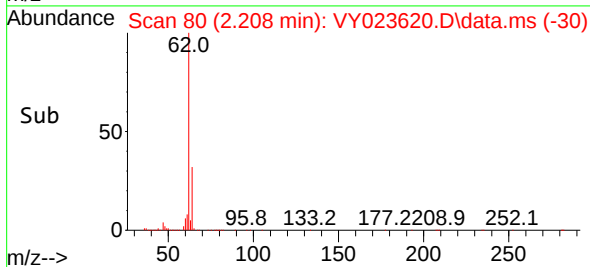
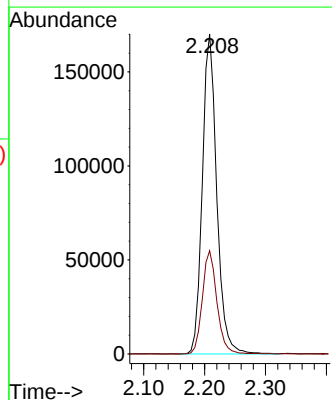
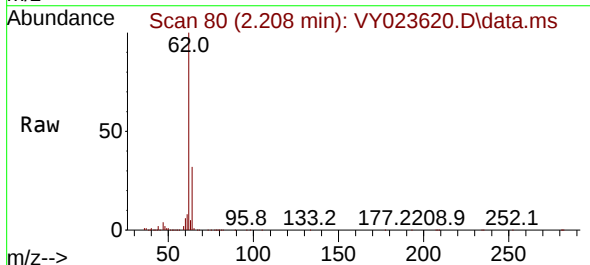
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 207622
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 46.004 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 62 Resp: 279830
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.8

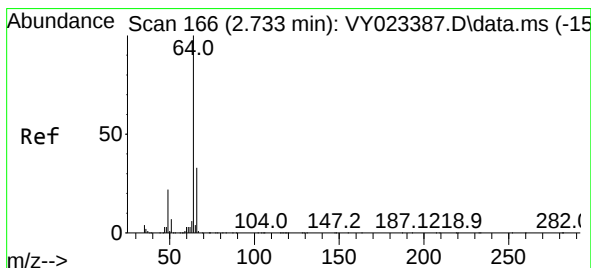
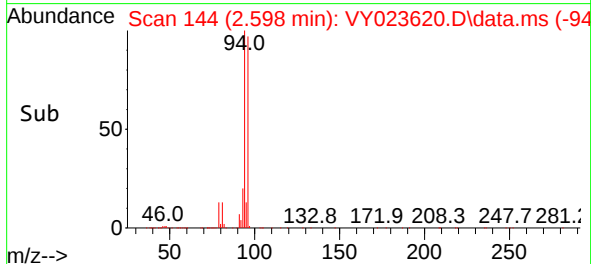
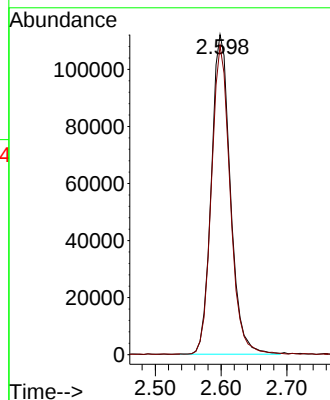
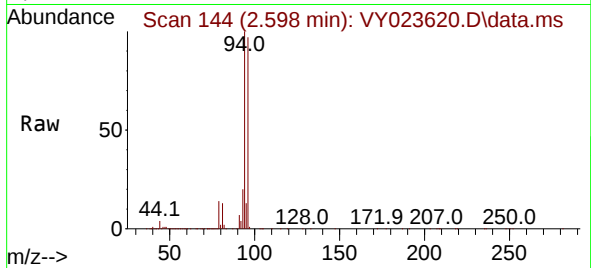




#5
Bromomethane
Concen: 44.239 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

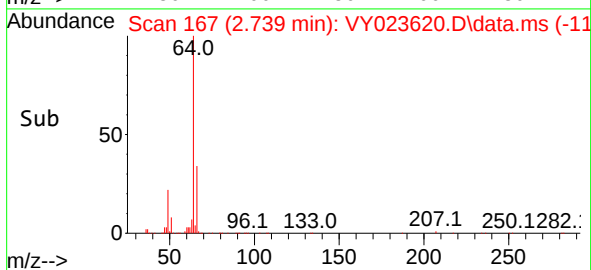
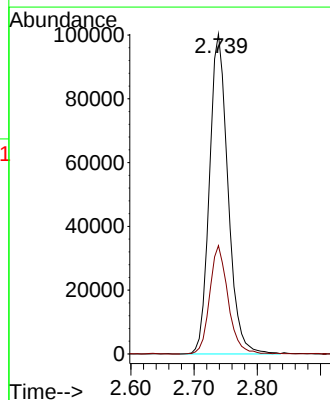
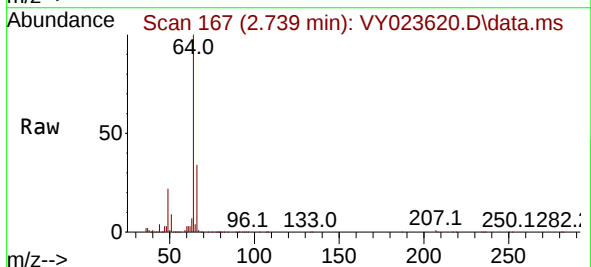
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MSVOA_Y
ClientSampleId :

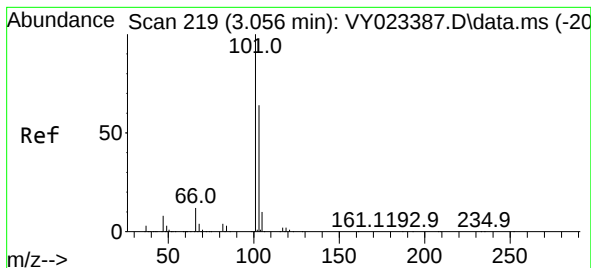
Tgt Ion: 94 Resp: 225818
Ion Ratio Lower Upper
94 100
96 96.4 74.5 111.7



#6
Chloroethane
Concen: 49.240 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 64 Resp: 204162
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4





#7

Trichlorofluoromethane

Concen: 48.875 ug/l

RT: 3.062 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

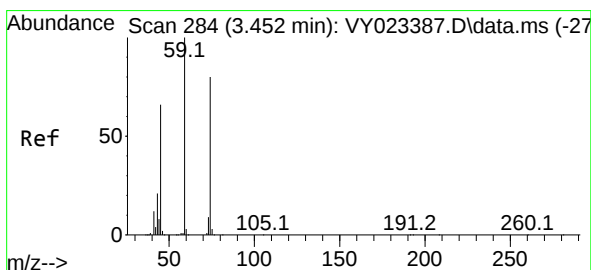
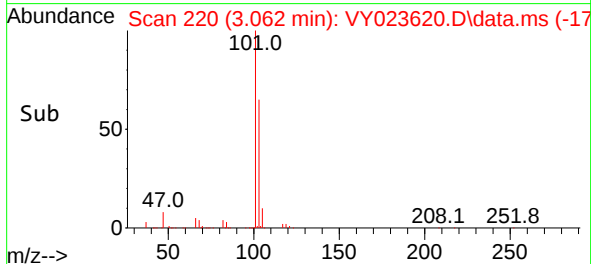
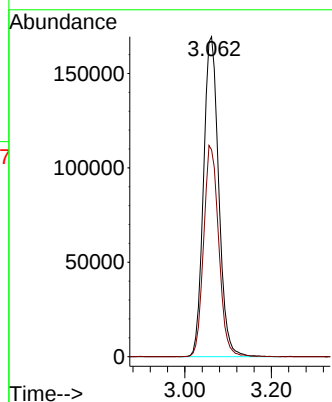
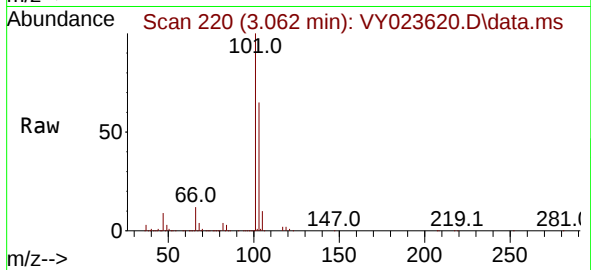
ClientSampleId :

Tgt Ion:101 Resp: 412785

Ion Ratio Lower Upper

101 100

103 64.7 51.3 76.9



#8

Diethyl Ether

Concen: 50.297 ug/l

RT: 3.458 min Scan# 285

Delta R.T. 0.006 min

Lab File: VY023620.D

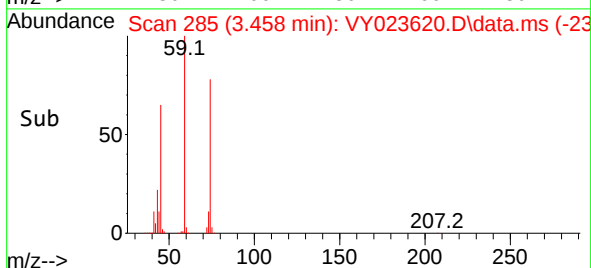
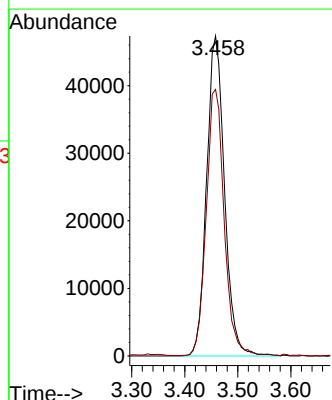
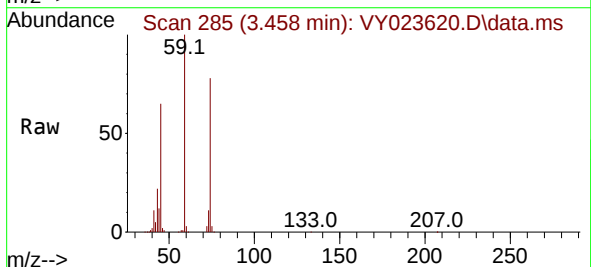
Acq: 30 Oct 2025 09:09

Tgt Ion: 74 Resp: 111000

Ion Ratio Lower Upper

74 100

45 83.1 39.9 119.7

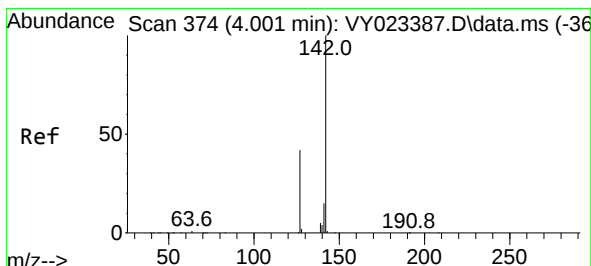
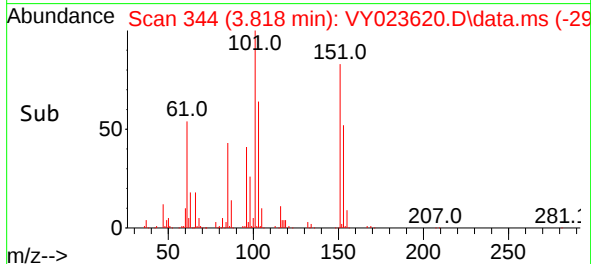
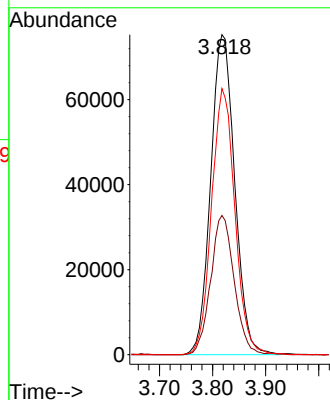
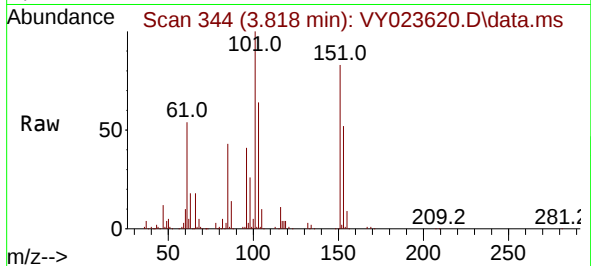




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.100 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023620.D
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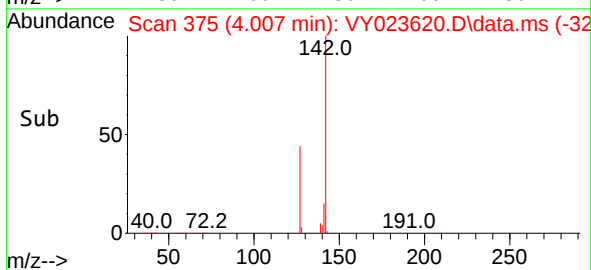
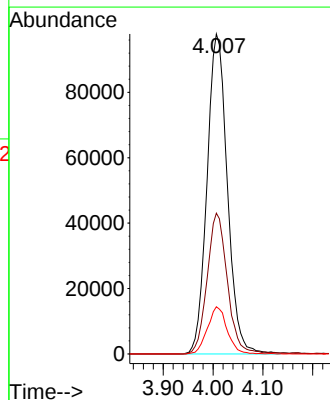
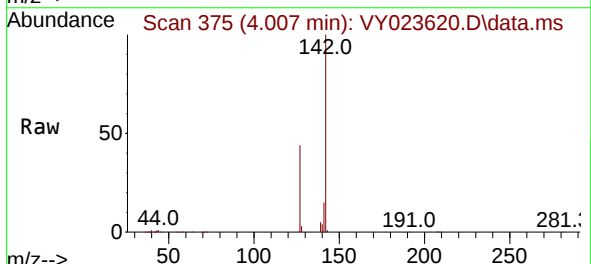
Instrument :
MSVOA_Y
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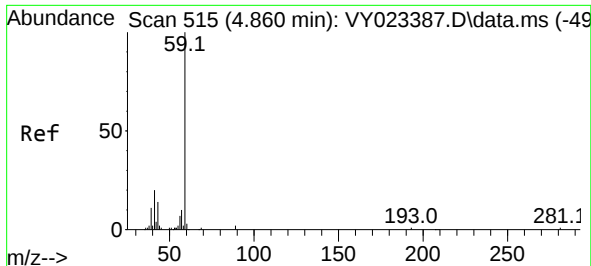
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Ion Ratio Lower Upper
101 100
85 42.6 34.6 51.8
151 81.0 67.0 100.6



#10
Methyl Iodide
Concen: 56.814 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

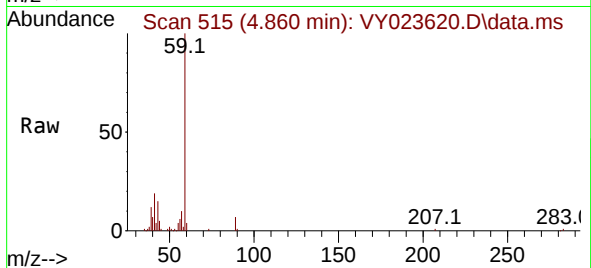
Tgt Ion:142 Resp: 277197
Ion Ratio Lower Upper
142 100
127 44.0 34.8 52.2
141 14.3 11.6 17.4



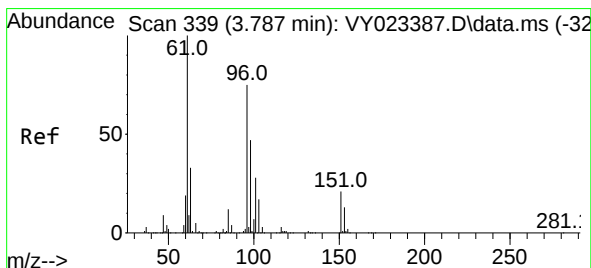
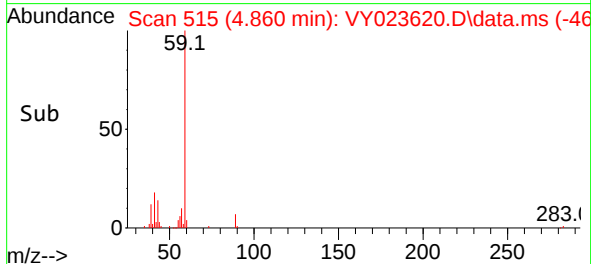
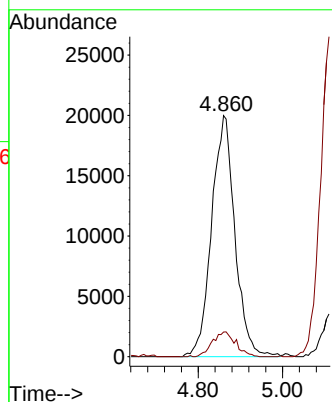


#11
Tert butyl alcohol
Concen: 258.259 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Instrument :
MSVOA_Y
ClientSampleId :

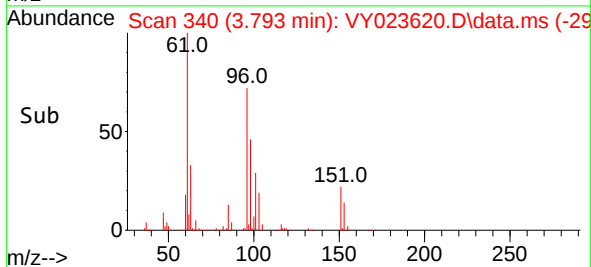
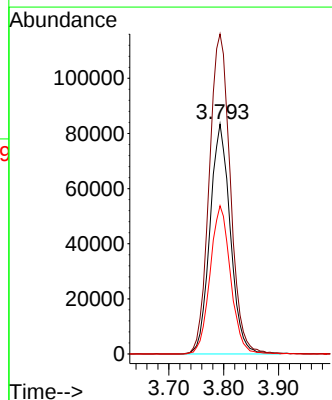
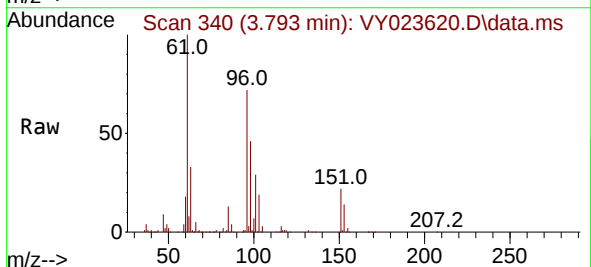


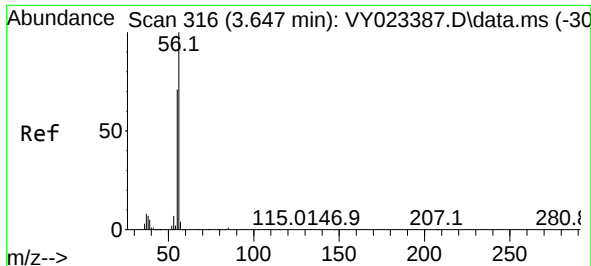
Tgt Ion: 59 Resp: 76519
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.494 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 96 Resp: 214522
Ion Ratio Lower Upper
96 100
61 139.1 106.7 160.1
98 64.4 50.2 75.4

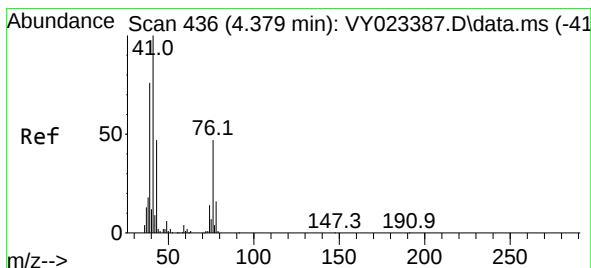
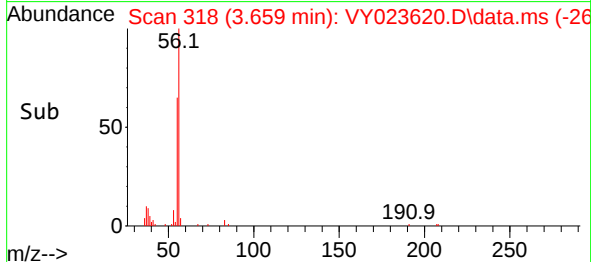
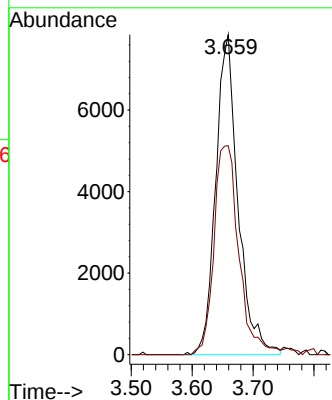
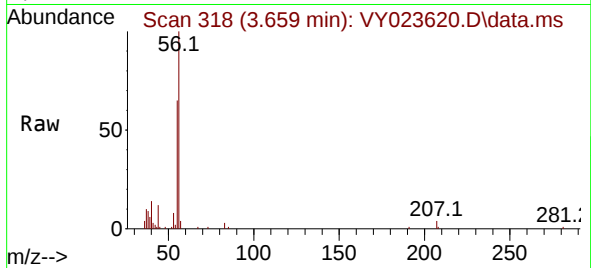




#13
Acrolein
Concen: 47.681 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

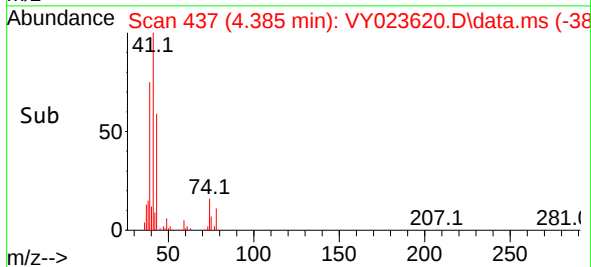
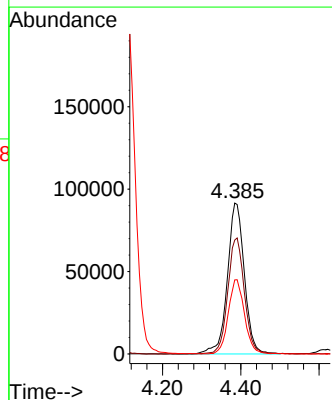
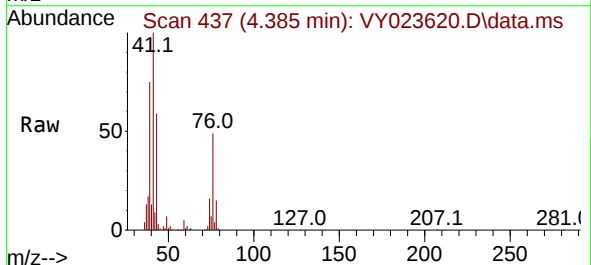
Instrument :
MSVOA_Y
ClientSampleId :

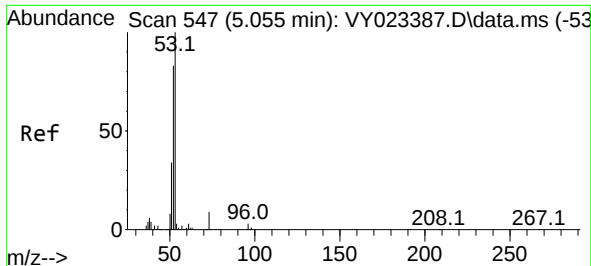
Tgt Ion: 56 Resp: 19962
Ion Ratio Lower Upper
56 100
55 72.6 56.1 84.1



#14
Allyl chloride
Concen: 53.376 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 41 Resp: 276363
Ion Ratio Lower Upper
41 100
39 75.6 59.9 89.9
76 46.5 38.0 57.0

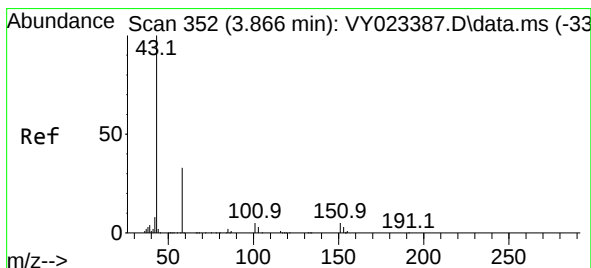
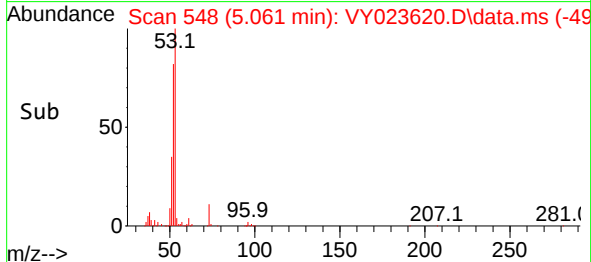
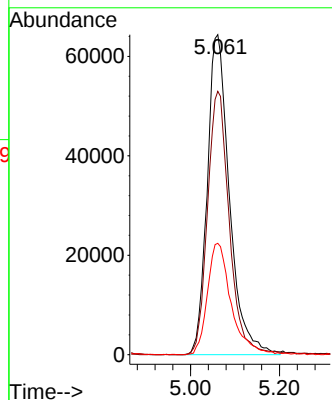
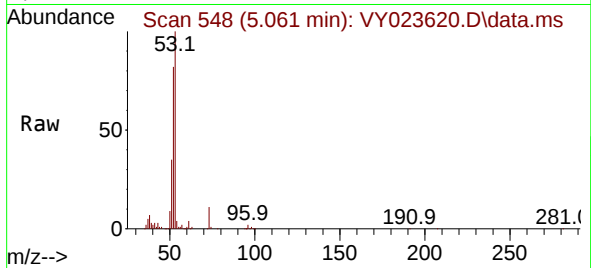




#15
Acrylonitrile
Concen: 265.122 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

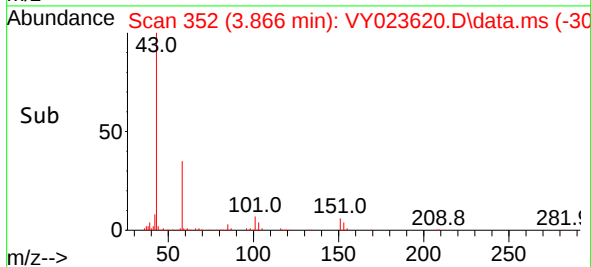
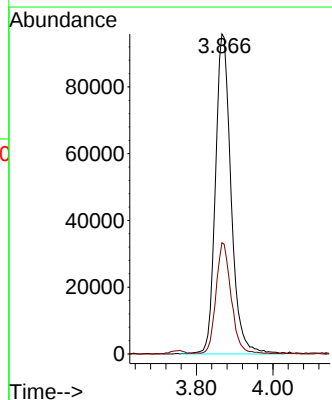
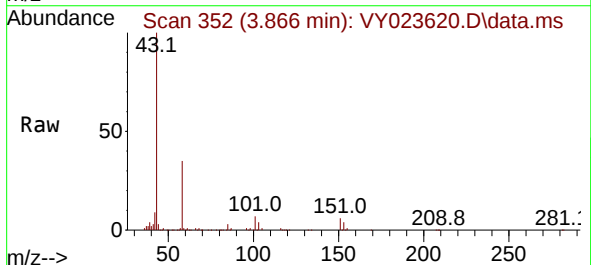
Instrument :
MSVOA_Y
ClientSampleId :

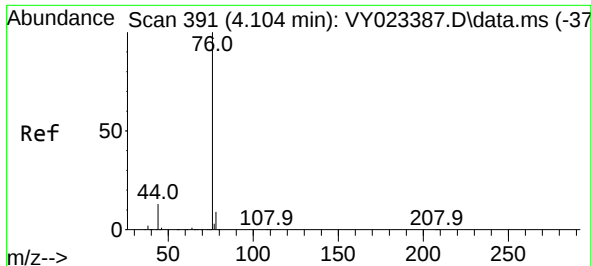
Tgt Ion: 53 Resp: 223914
Ion Ratio Lower Upper
53 100
52 80.9 64.6 97.0
51 37.3 29.5 44.3



#16
Acetone
Concen: 286.923 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 43 Resp: 272045
Ion Ratio Lower Upper
43 100
58 34.6 27.7 41.5

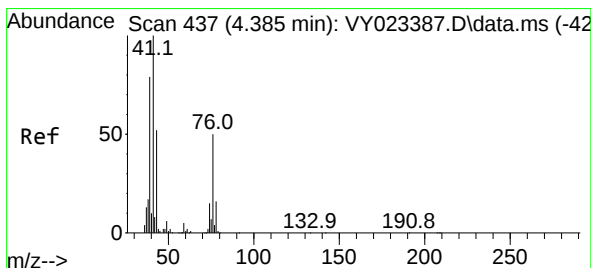
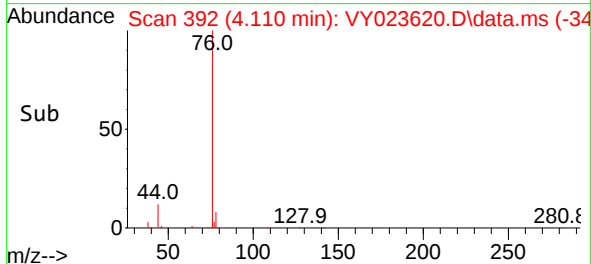
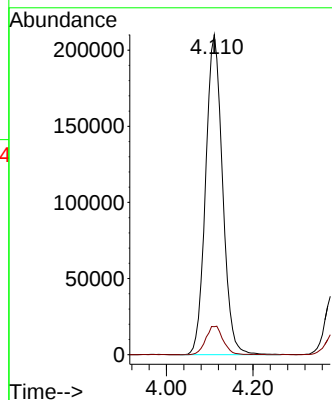
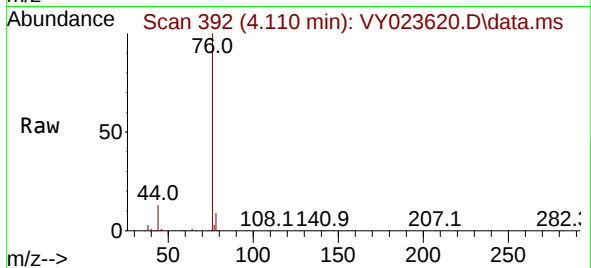




#17
Carbon Disulfide
Concen: 46.863 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

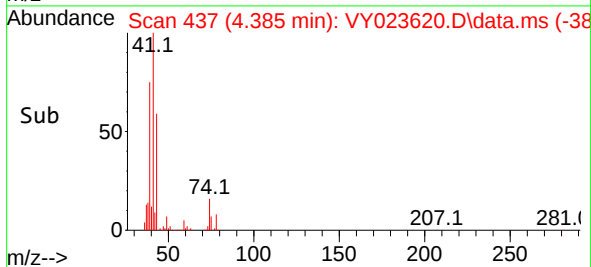
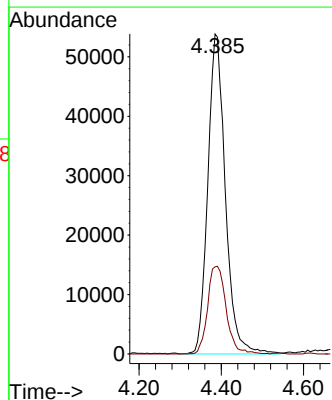
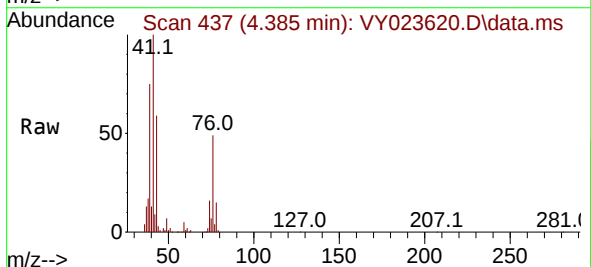
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 569832
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 64.095 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 43 Resp: 159416
Ion Ratio Lower Upper
43 100
74 29.0 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 53.216 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

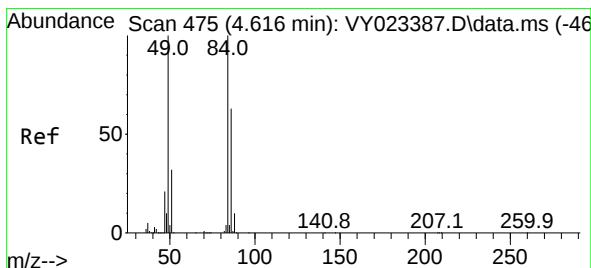
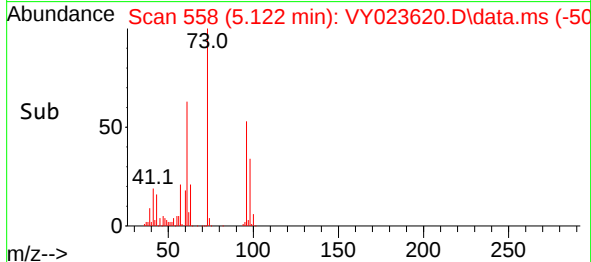
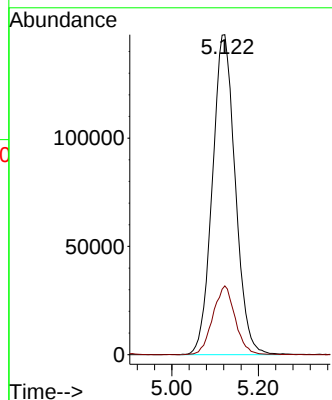
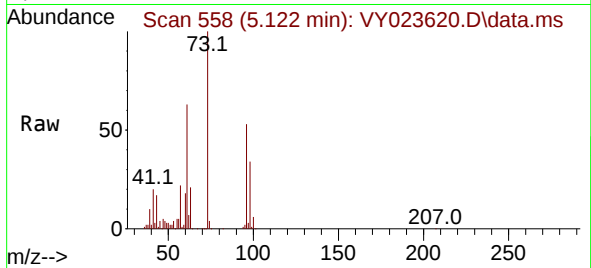
ClientSampleId :

Tgt Ion: 73 Resp: 543386

Ion Ratio Lower Upper

73 100

57 21.5 17.4 26.0



#20

Methylene Chloride

Concen: 48.844 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Tgt Ion: 84 Resp: 250423

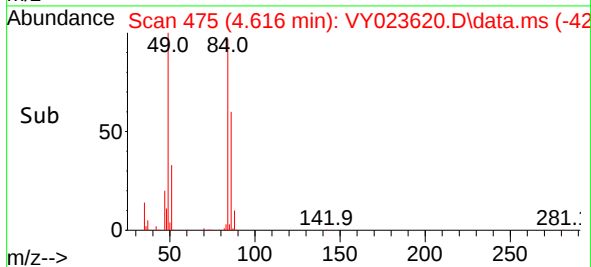
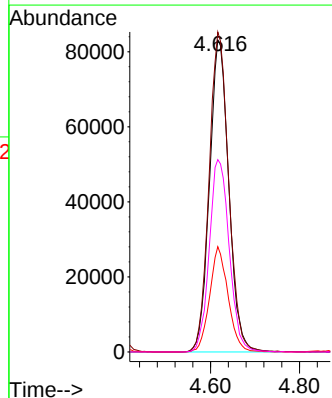
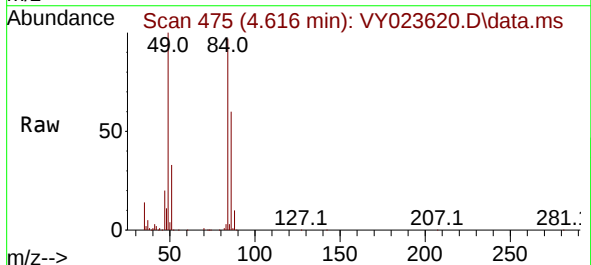
Ion Ratio Lower Upper

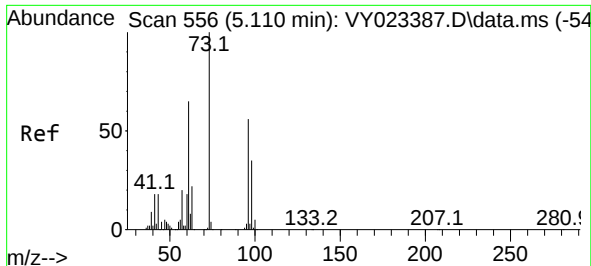
84 100

49 102.6 80.2 120.4

51 33.8 25.9 38.9

86 61.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 53.254 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

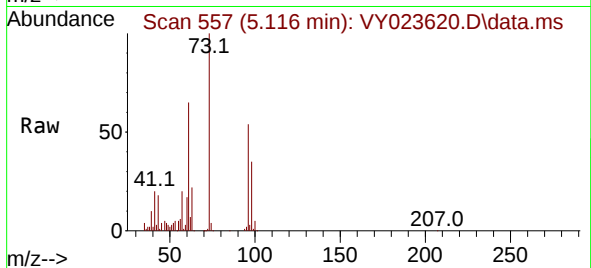
Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :



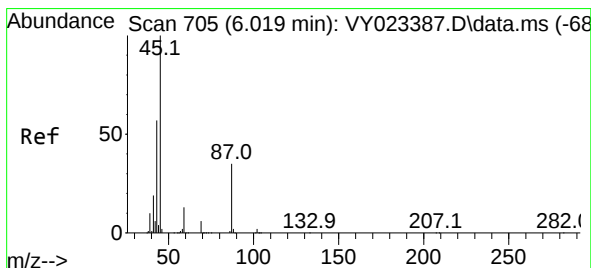
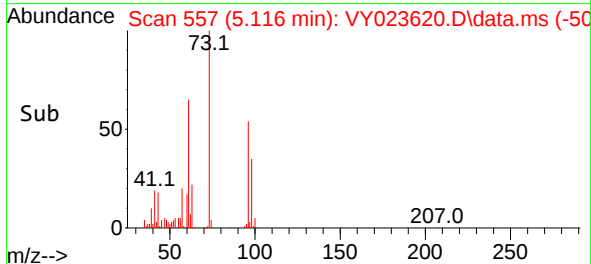
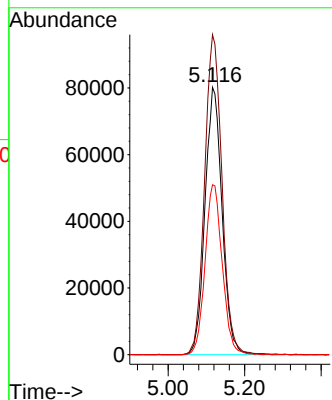
Tgt Ion: 96 Resp: 249092

Ion Ratio Lower Upper

96 100

61 119.7 92.7 139.1

98 63.6 49.7 74.5



#22

Diisopropyl ether

Concen: 56.936 ug/l

RT: 6.025 min Scan# 706

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Tgt Ion: 45 Resp: 652087

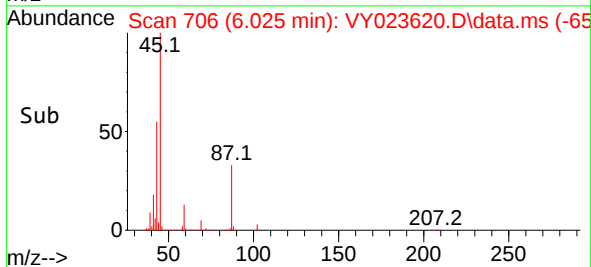
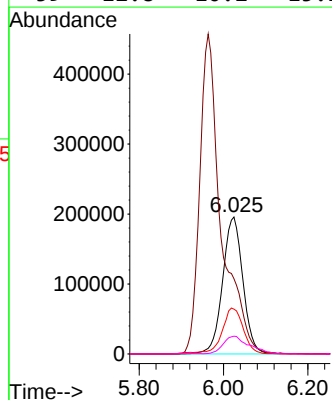
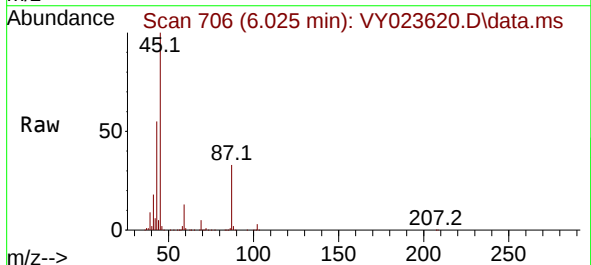
Ion Ratio Lower Upper

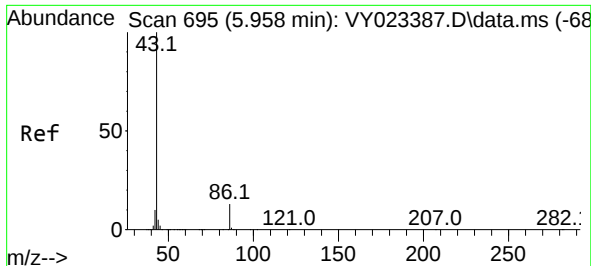
45 100

43 54.8 45.6 68.4

87 32.6 28.1 42.1

59 12.8 10.2 15.2

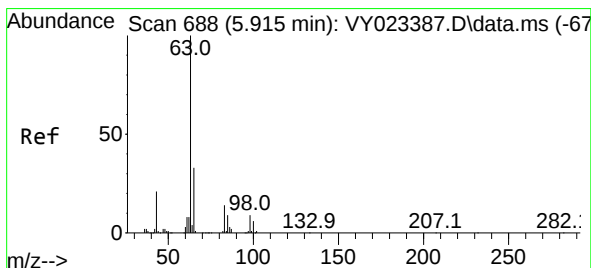
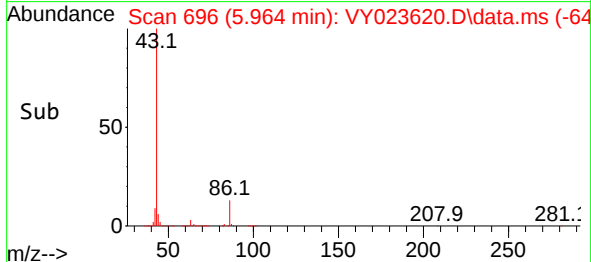
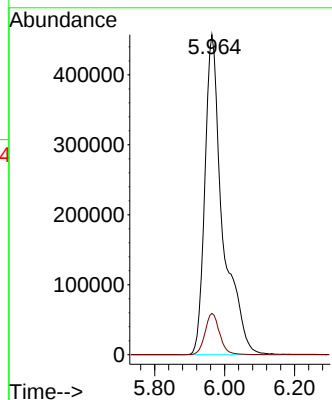
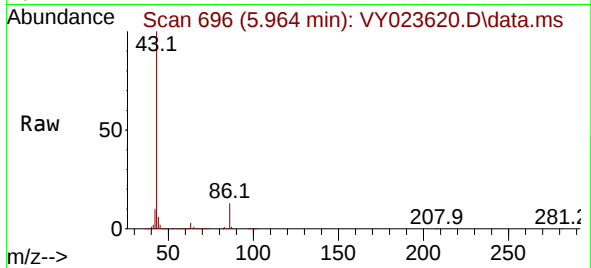




#23
 Vinyl Acetate
 Concen: 261.167 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023620.D
 Acq: 30 Oct 2025 09:09

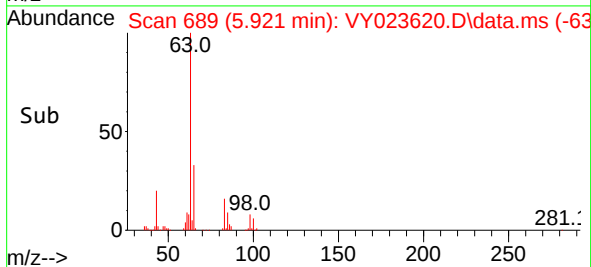
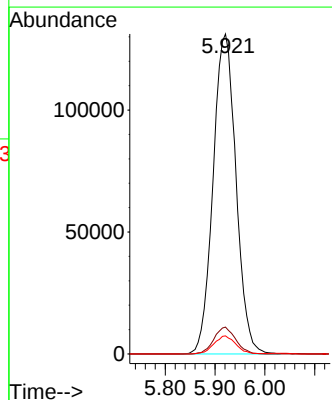
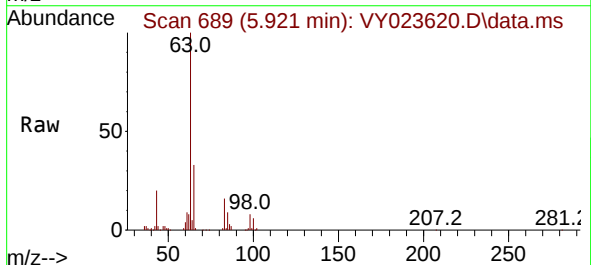
Instrument :
 MSVOA_Y
 ClientSampleId :

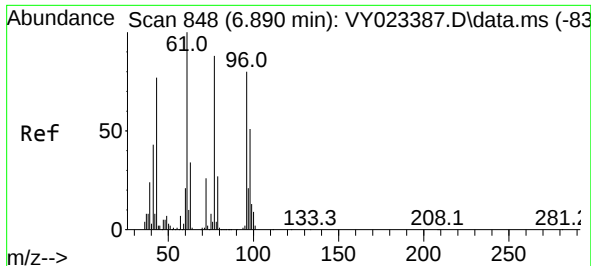
Tgt Ion: 43 Resp: 1619023
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 55.217 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023620.D
 Acq: 30 Oct 2025 09:09

Tgt Ion: 63 Resp: 418905
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.3 13.1
 100 5.6 2.8 8.4

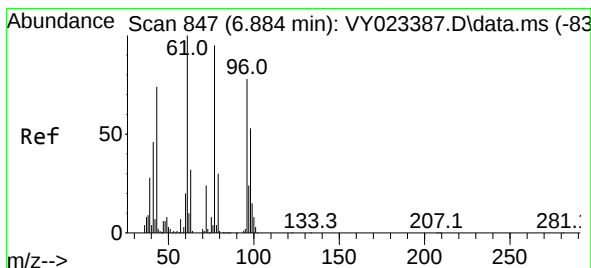
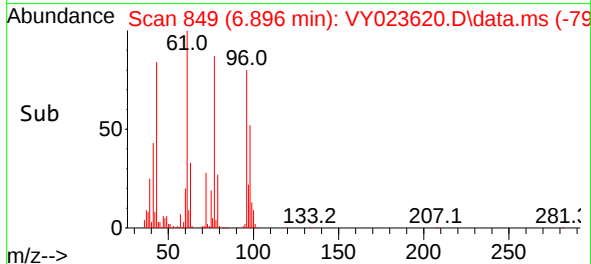
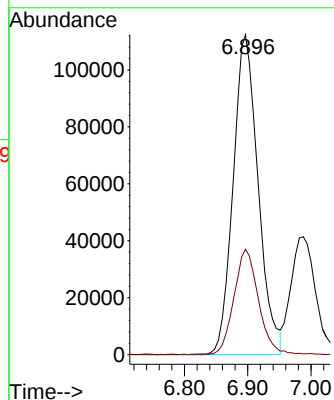
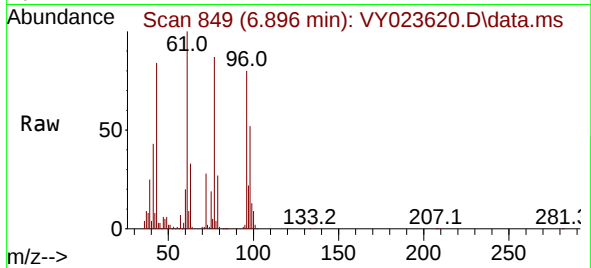




#25
2-Butanone
Concen: 266.176 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

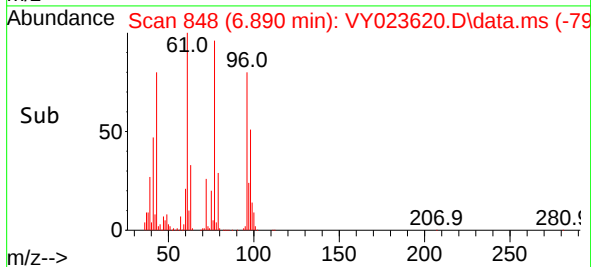
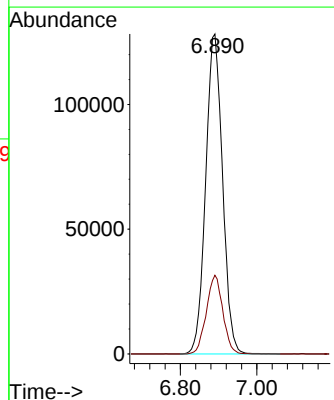
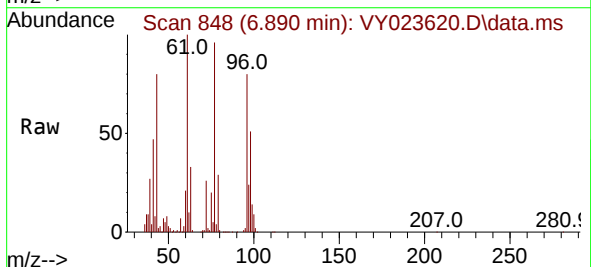
Instrument :
MSVOA_Y
ClientSampleId :

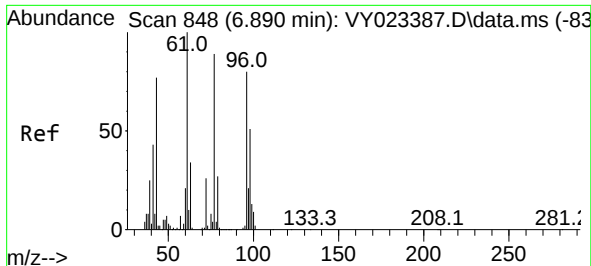
Tgt Ion: 43 Resp: 308109
Ion Ratio Lower Upper
43 100
72 33.0 27.4 41.2



#26
2,2-Dichloropropane
Concen: 56.335 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 77 Resp: 392162
Ion Ratio Lower Upper
77 100
97 24.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 55.147 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

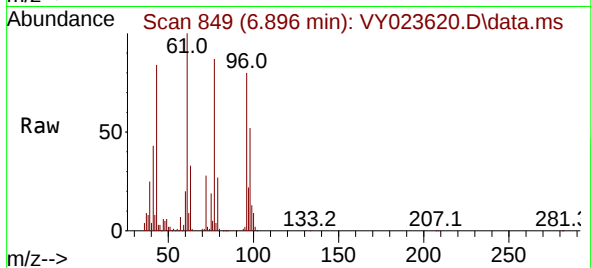
Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :



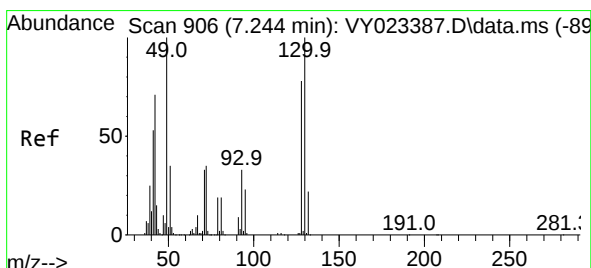
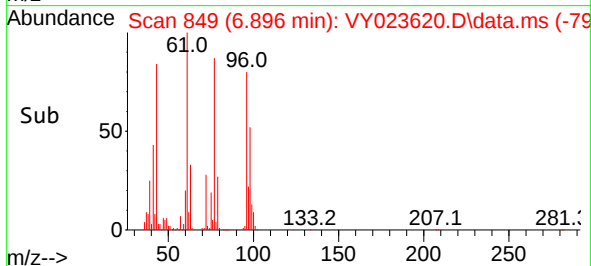
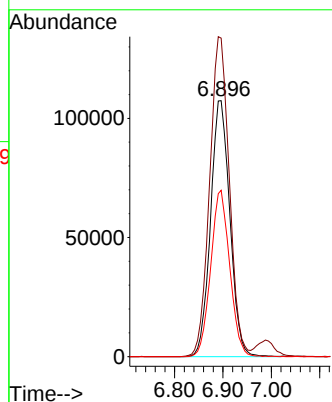
Tgt Ion: 96 Resp: 297957

Ion Ratio Lower Upper

96 100

61 127.5 0.0 258.2

98 64.1 0.0 132.0



#28

Bromochloromethane

Concen: 48.725 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

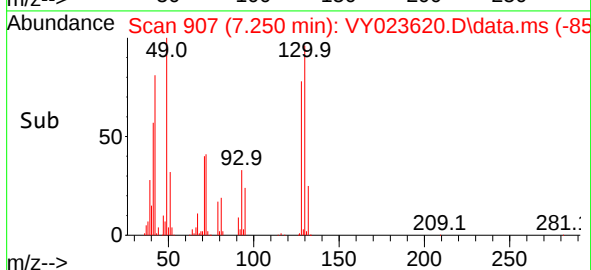
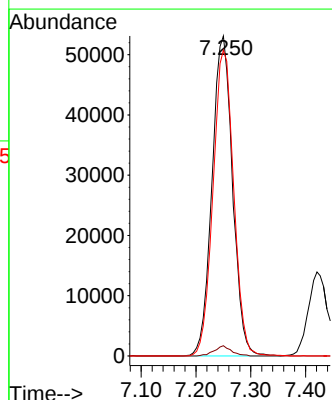
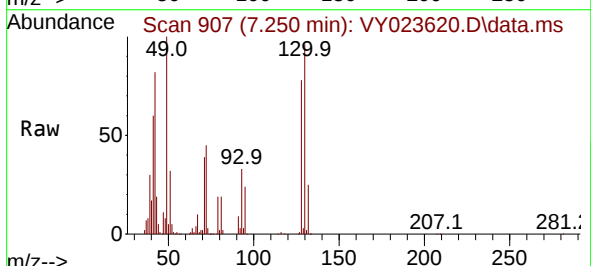
Tgt Ion: 49 Resp: 137996

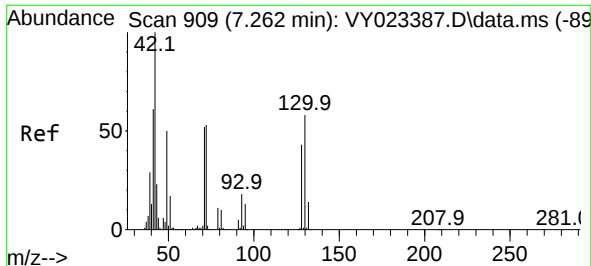
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 96.1 81.9 122.9

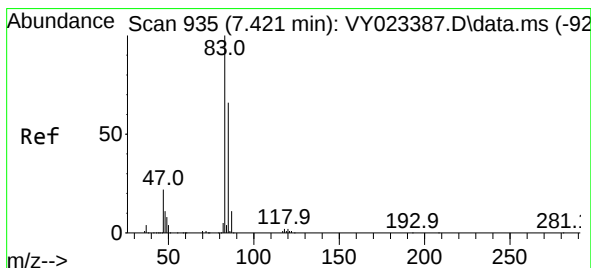
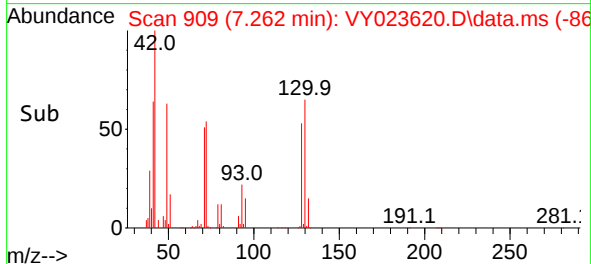
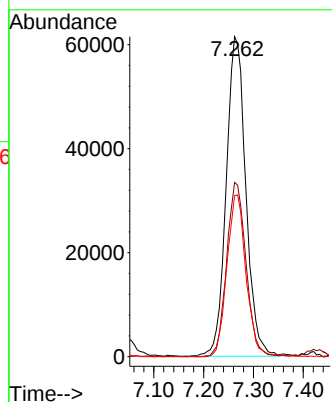
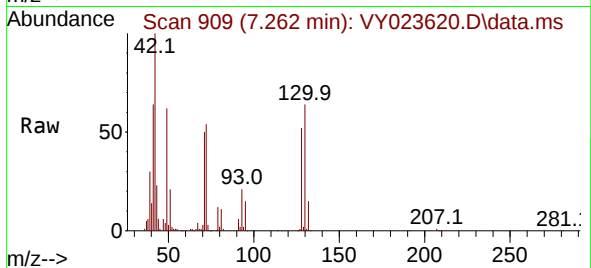




#29
Tetrahydrofuran
Concen: 256.168 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

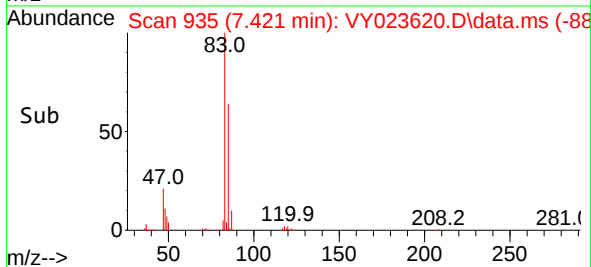
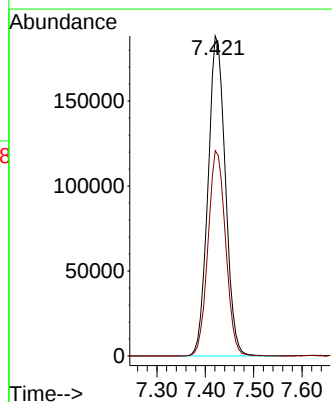
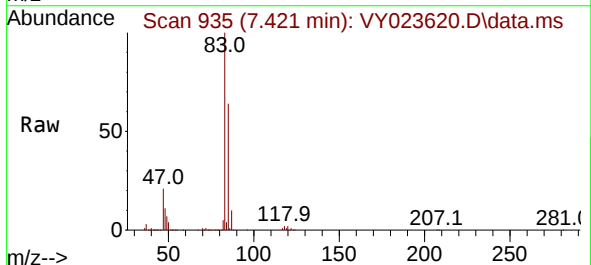
Instrument :
MSVOA_Y
ClientSampleId :

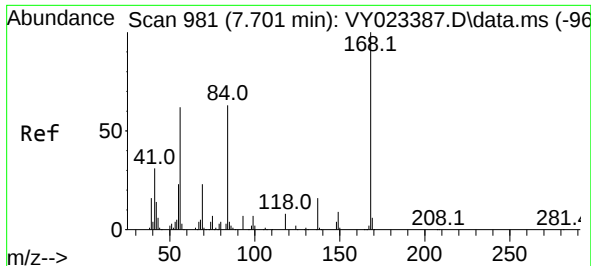
Tgt Ion: 42 Resp: 168150
Ion Ratio Lower Upper
42 100
72 53.8 43.0 64.6
71 49.5 40.1 60.1



#30
Chloroform
Concen: 56.336 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 83 Resp: 469571
Ion Ratio Lower Upper
83 100
85 64.1 52.5 78.7

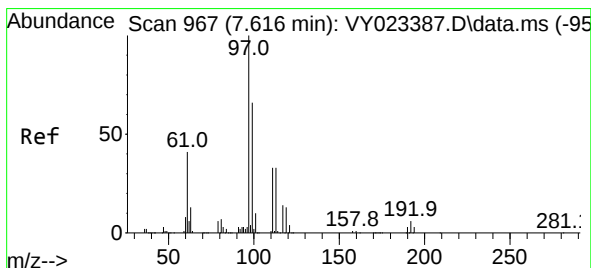
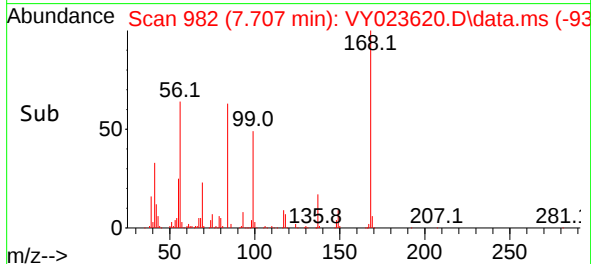
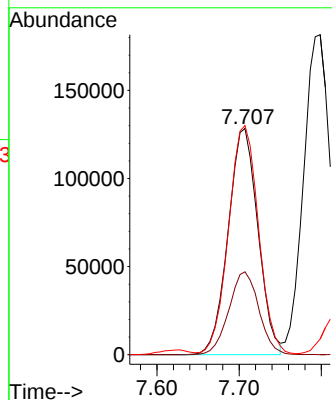
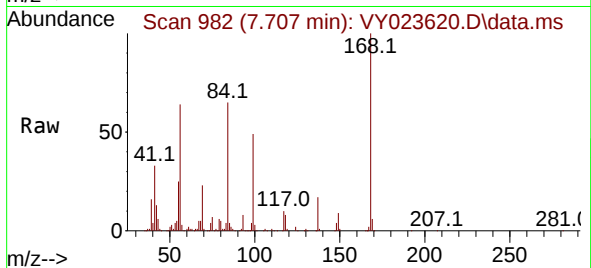




#31
Cyclohexane
Concen: 48.950 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

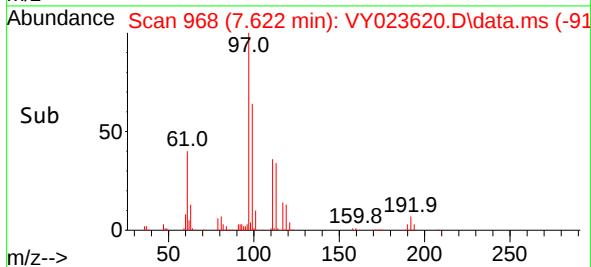
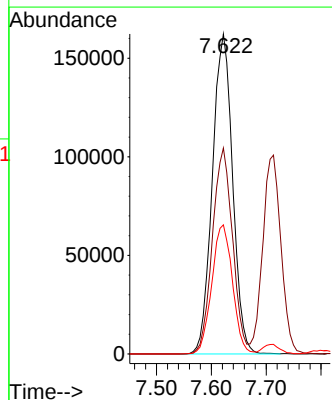
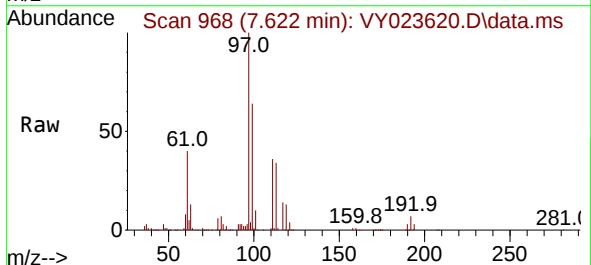
Instrument :
MSVOA_Y
ClientSampleId :

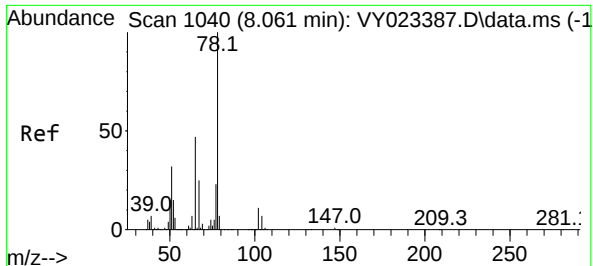
Tgt Ion: 56 Resp: 324303
Ion Ratio Lower Upper
56 100
69 36.7 30.0 45.0
84 99.2 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 54.984 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 97 Resp: 416488
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 41.2 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 48.896 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

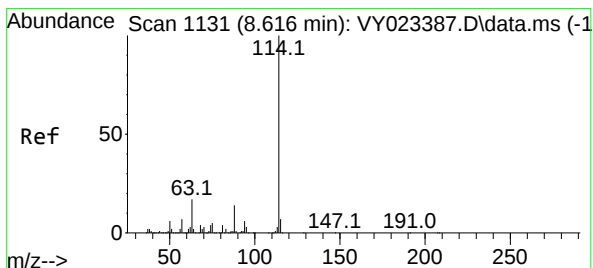
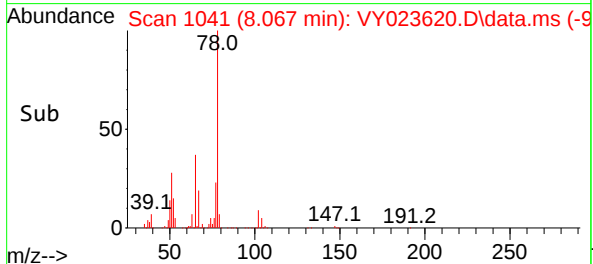
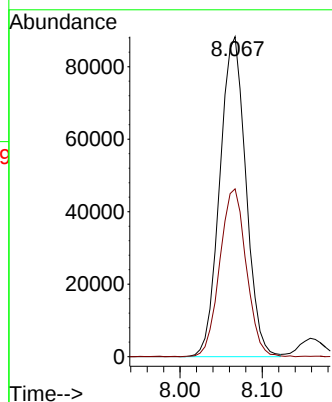
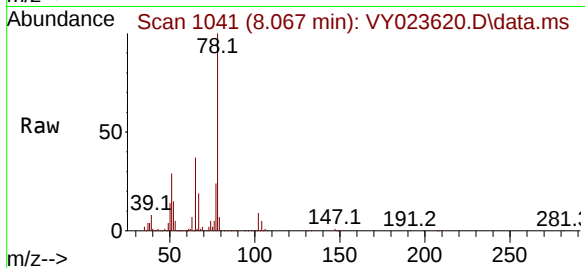
ClientSampleId :

Tgt Ion: 65 Resp: 194738

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

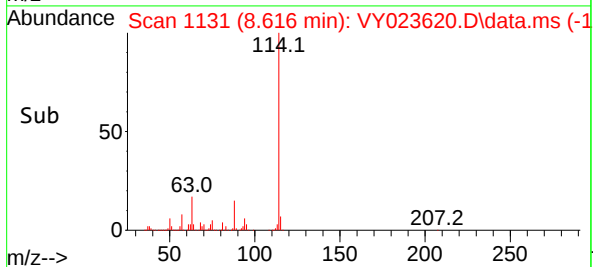
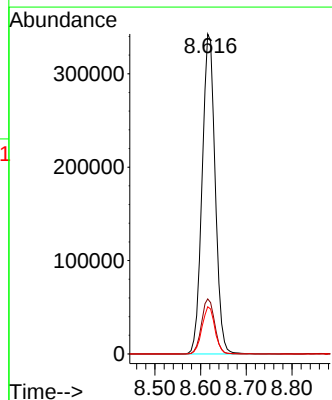
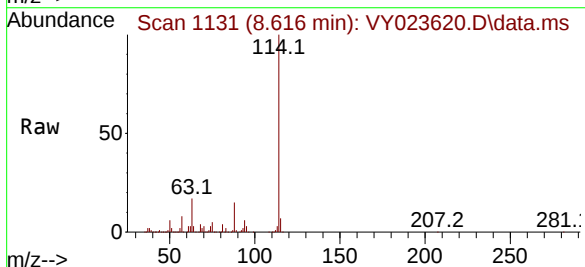
Tgt Ion:114 Resp: 677359

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.2

88 14.8 0.0 28.4

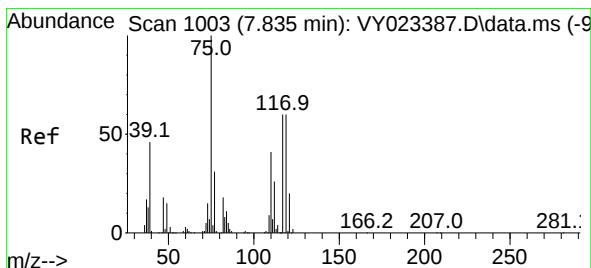
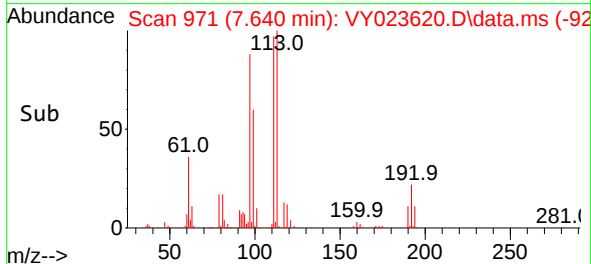
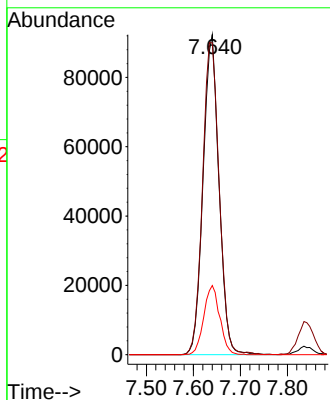
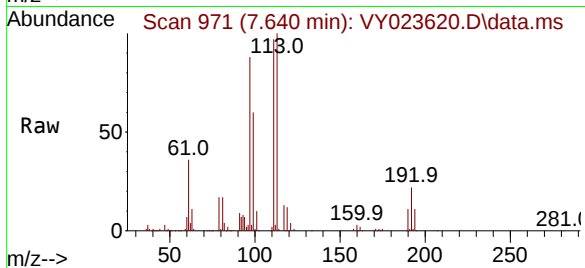




#35
Dibromofluoromethane
Concen: 51.977 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

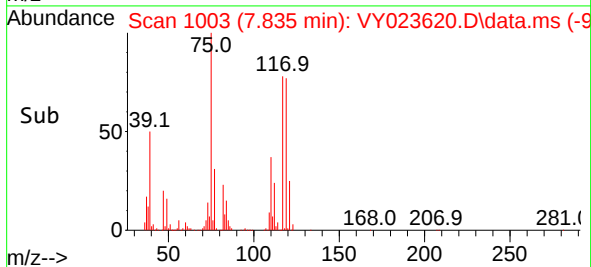
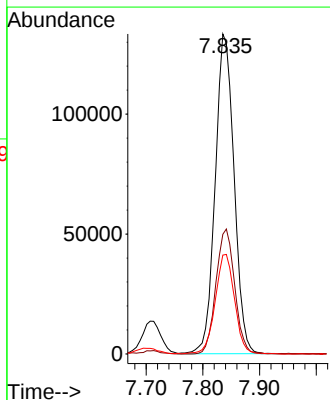
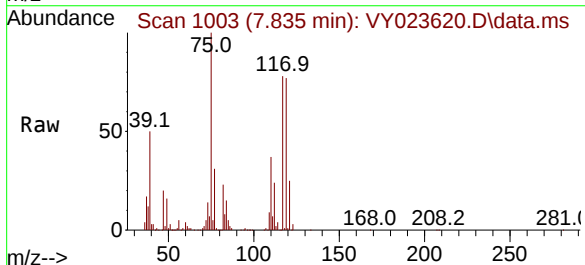
Instrument :
MSVOA_Y
ClientSampleId :

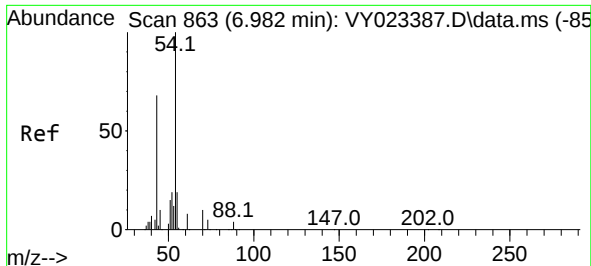
Tgt Ion:113 Resp: 216331
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 21.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 56.056 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 75 Resp: 308877
Ion Ratio Lower Upper
75 100
110 38.7 19.9 59.7
77 31.9 25.0 37.6

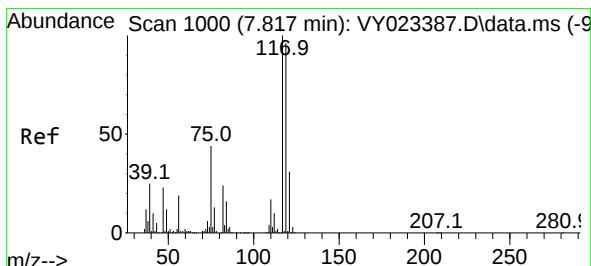
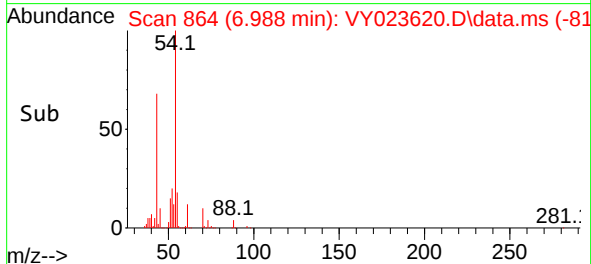
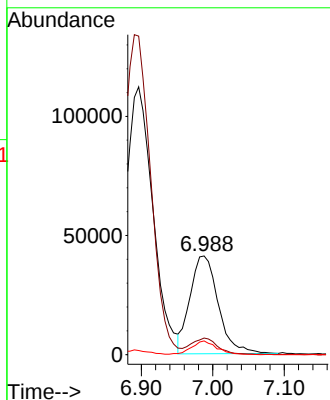
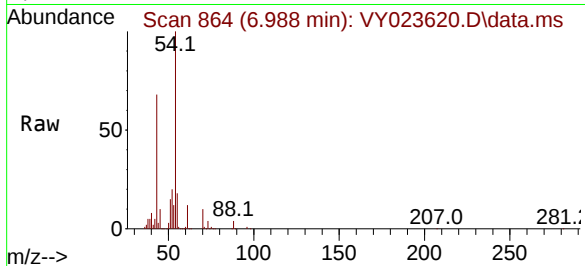




#37
Ethyl Acetate
Concen: 51.542 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

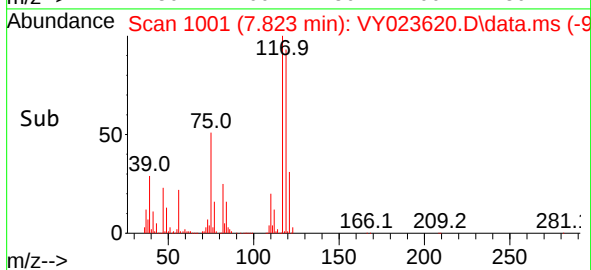
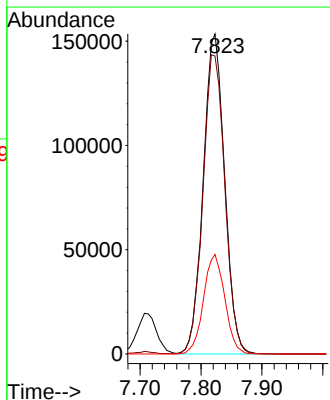
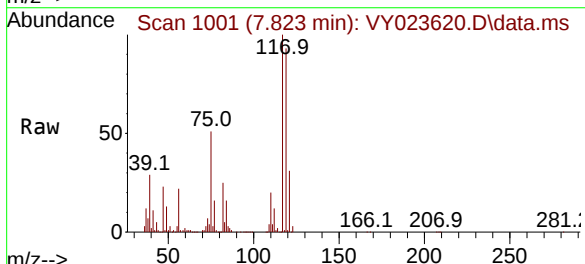
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 112515
Ion Ratio Lower Upper
43 100
61 15.6 11.8 17.8
70 12.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 56.172 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 117 Resp: 375303
Ion Ratio Lower Upper
117 100
119 93.1 76.8 115.2
121 31.1 24.5 36.7





#39

Methylcyclohexane

Concen: 52.743 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

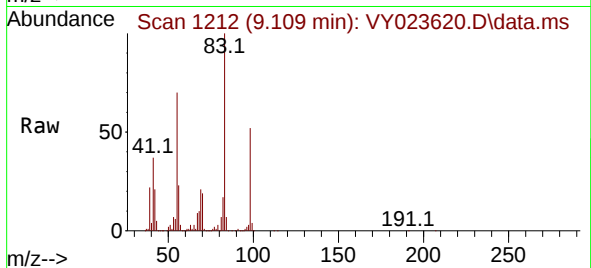
Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :



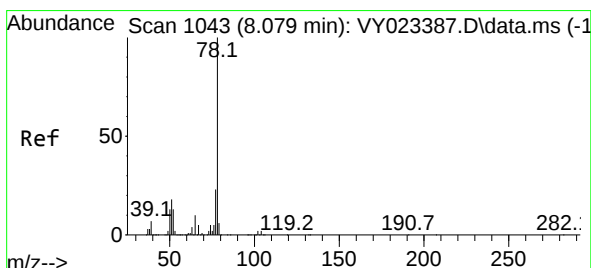
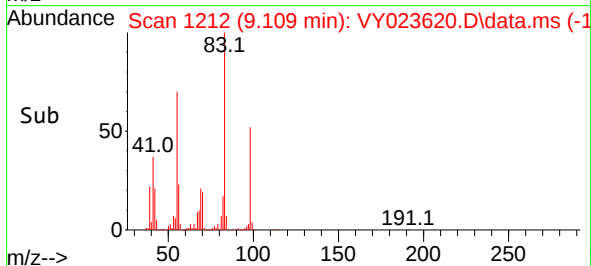
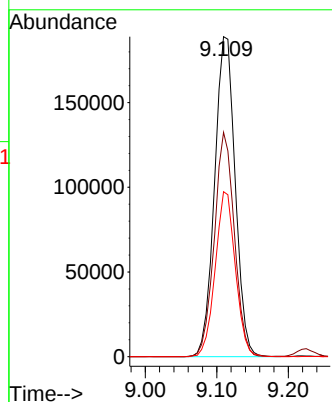
Tgt Ion: 83 Resp: 378393

Ion Ratio Lower Upper

83 100

55 70.1 51.4 77.2

98 51.6 40.4 60.6



#40

Benzene

Concen: 56.554 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023620.D

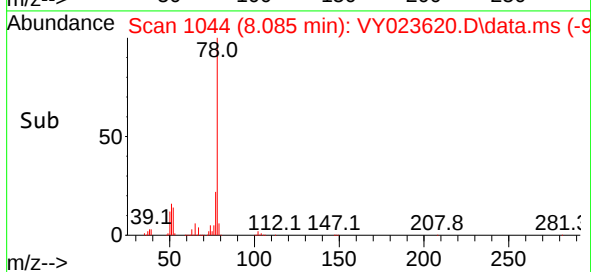
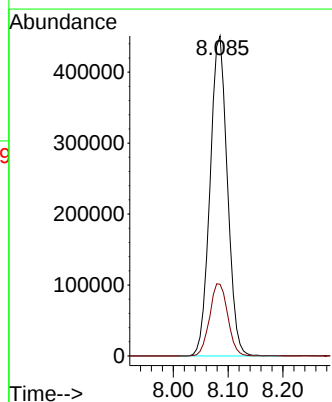
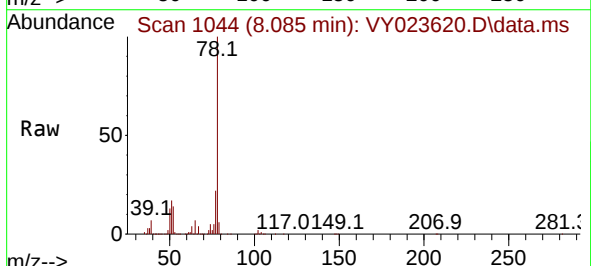
Acq: 30 Oct 2025 09:09

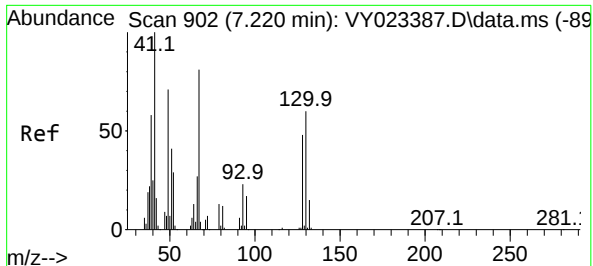
Tgt Ion: 78 Resp: 986871

Ion Ratio Lower Upper

78 100

77 22.4 18.3 27.5

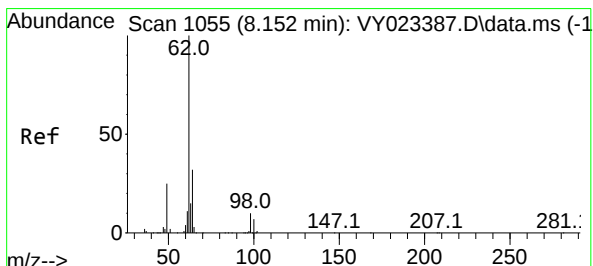
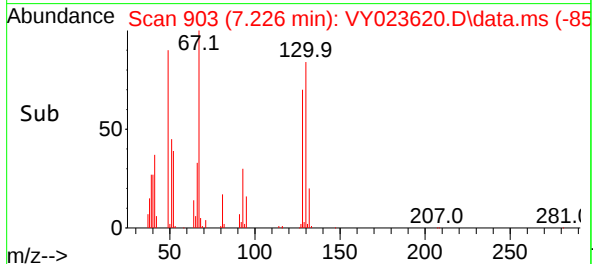
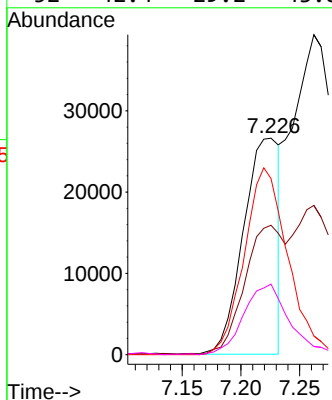
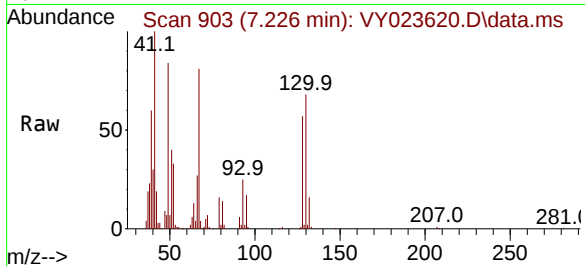




#41
Methacrylonitrile
Concen: 47.762 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

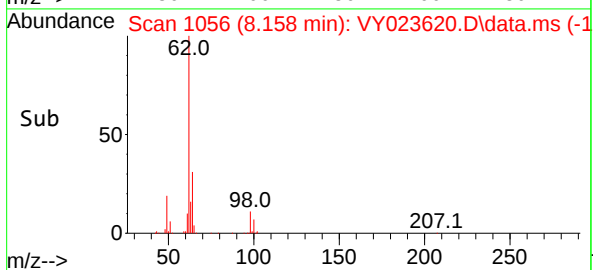
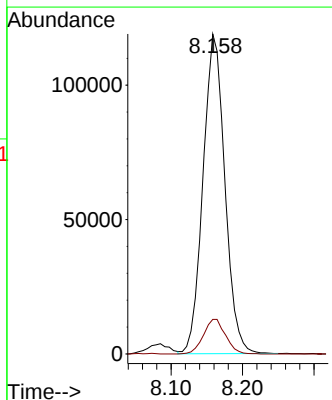
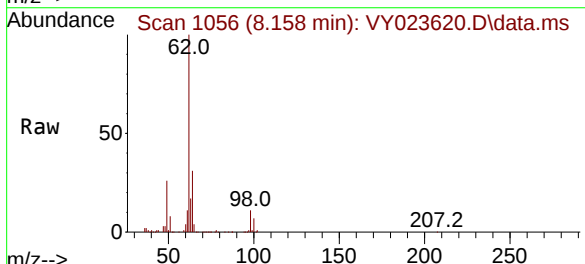
Instrument :
MSVOA_Y
ClientSampleId :

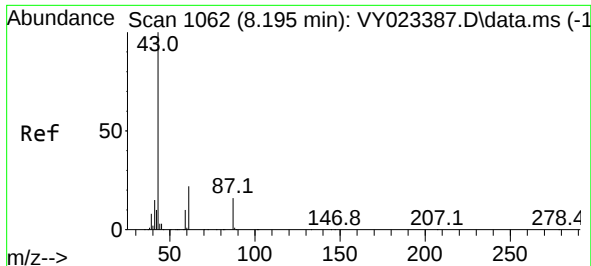
Tgt Ion: 41 Resp: 56389
Ion Ratio Lower Upper
41 100
39 66.2 52.2 78.4
67 106.0 74.9 112.3
52 42.4 29.2 43.8



#42
1,2-Dichloroethane
Concen: 56.119 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 62 Resp: 252557
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.6

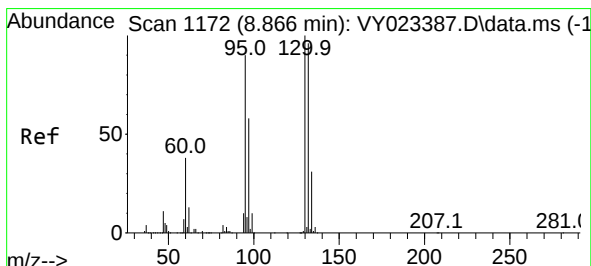
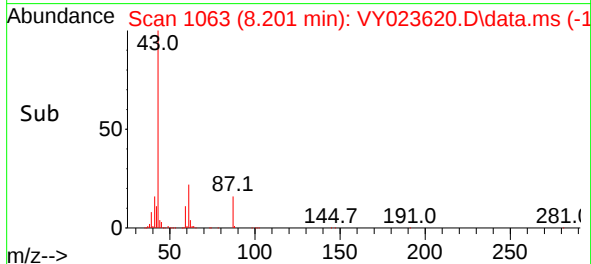
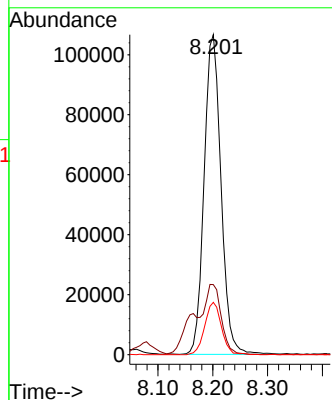
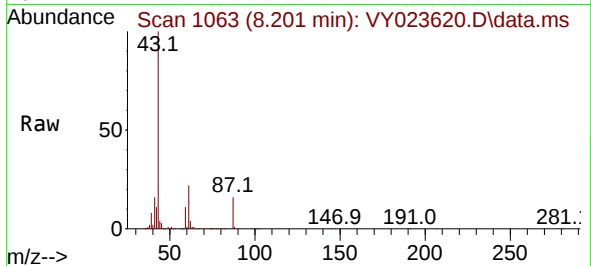




#43
Isopropyl Acetate
Concen: 52.336 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

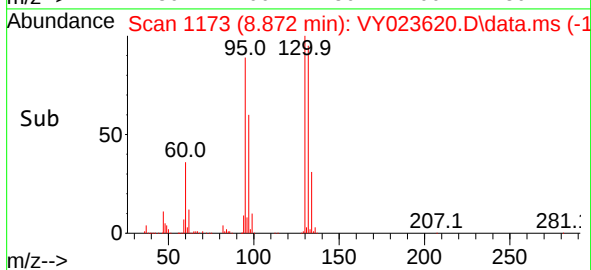
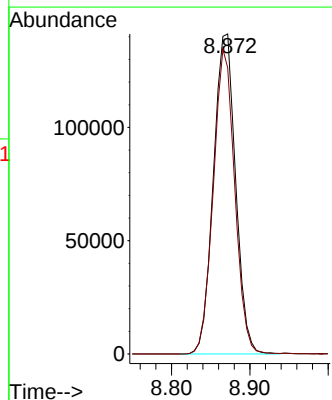
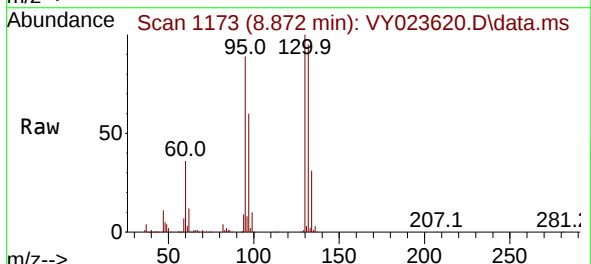
Instrument :
MSVOA_Y
ClientSampleId :

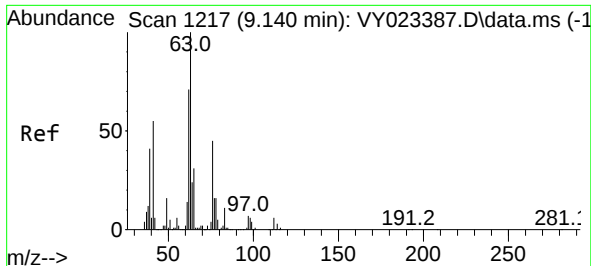
Tgt Ion: 43 Resp: 227810
Ion Ratio Lower Upper
43 100
61 21.3 18.1 27.1
87 16.2 13.5 20.3



#44
Trichloroethene
Concen: 54.440 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion:130 Resp: 278050
Ion Ratio Lower Upper
130 100
95 89.4 0.0 180.6





#45

1,2-Dichloropropane

Concen: 58.290 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

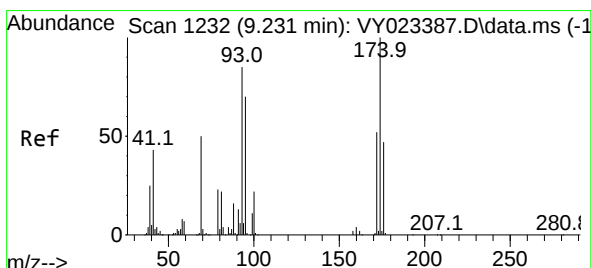
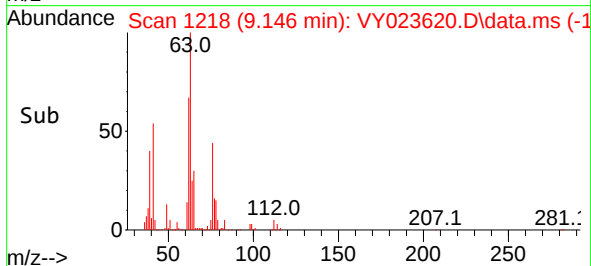
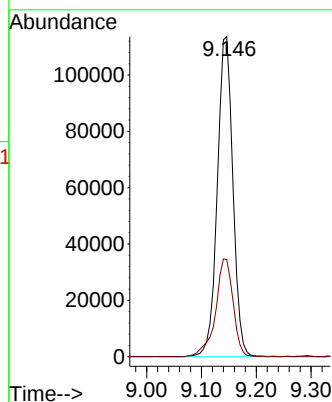
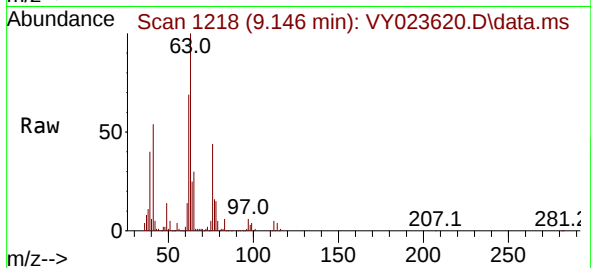
ClientSampleId :

Tgt Ion: 63 Resp: 224668

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 55.965 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

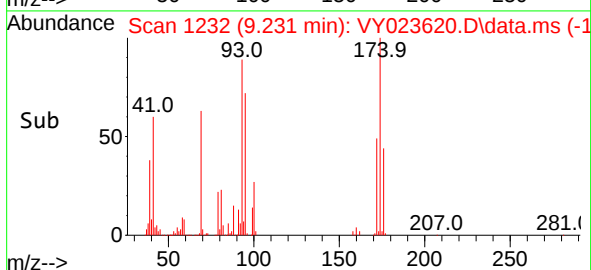
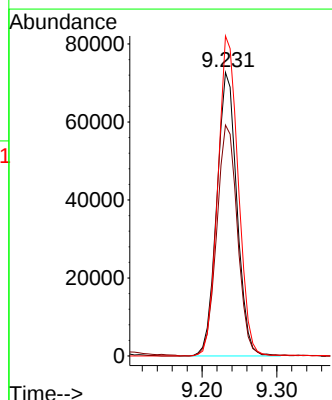
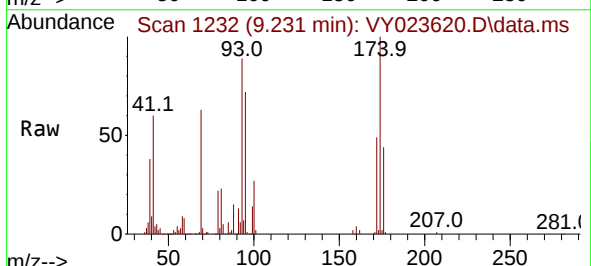
Tgt Ion: 93 Resp: 136398

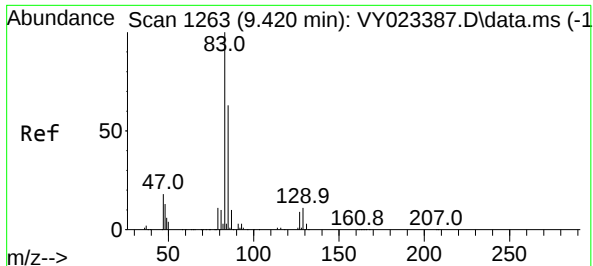
Ion Ratio Lower Upper

93 100

95 83.8 65.4 98.0

174 113.7 92.9 139.3





#47

Bromodichloromethane

Concen: 57.855 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

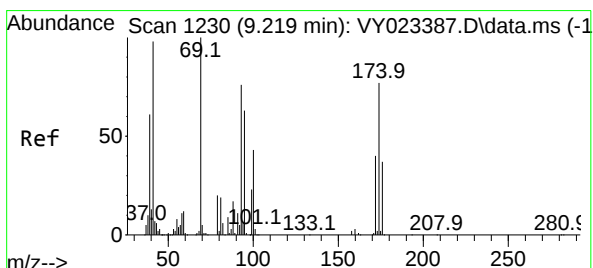
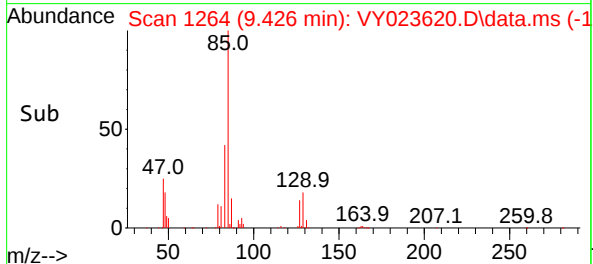
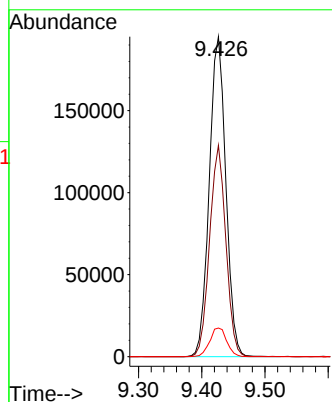
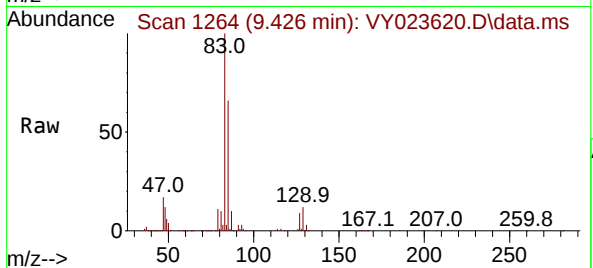
Tgt Ion: 83 Resp: 355124

Ion Ratio Lower Upper

83 100

85 66.0 50.8 76.2

127 9.0 7.4 11.2



#48

Methyl methacrylate

Concen: 54.471 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

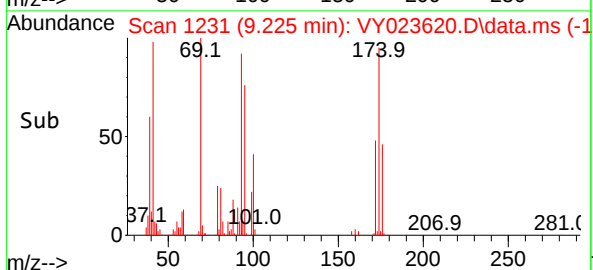
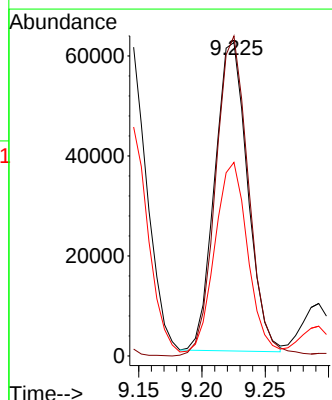
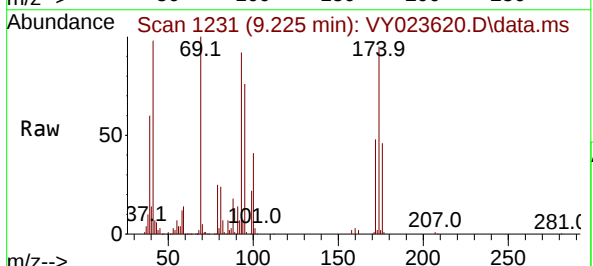
Tgt Ion: 41 Resp: 111390

Ion Ratio Lower Upper

41 100

69 103.9 81.0 121.4

39 63.9 48.2 72.4





#49

1,4-Dioxane

Concen: 978.609 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

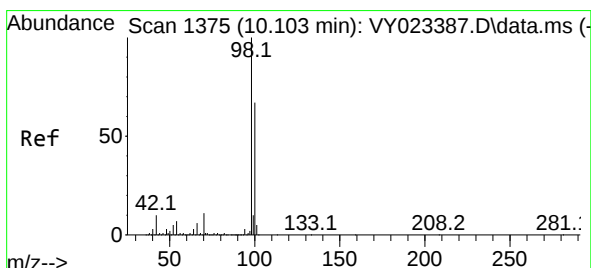
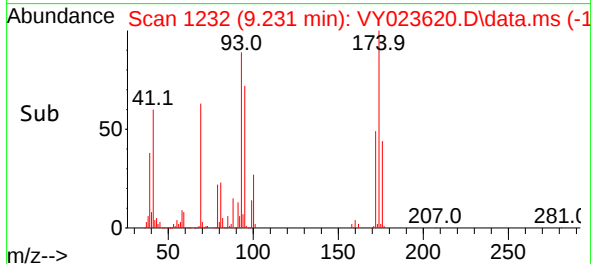
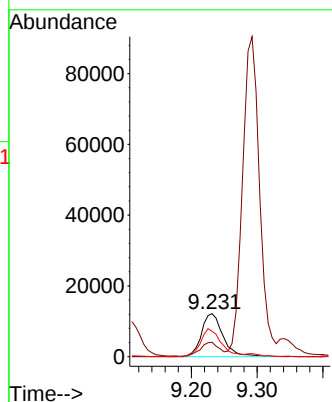
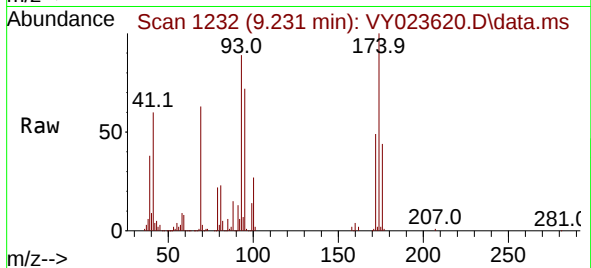
Tgt Ion: 88 Resp: 27653

Ion Ratio Lower Upper

88 100

43 27.9 21.8 32.8

58 62.6 46.8 70.2



#50

Toluene-d8

Concen: 51.588 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023620.D

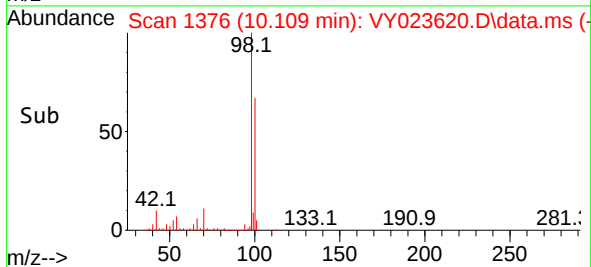
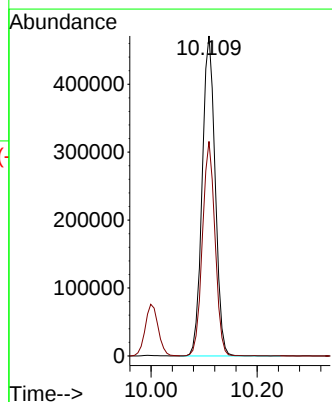
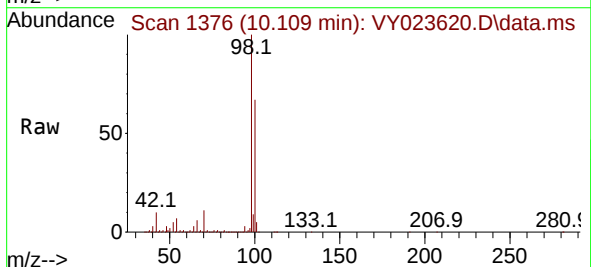
Acq: 30 Oct 2025 09:09

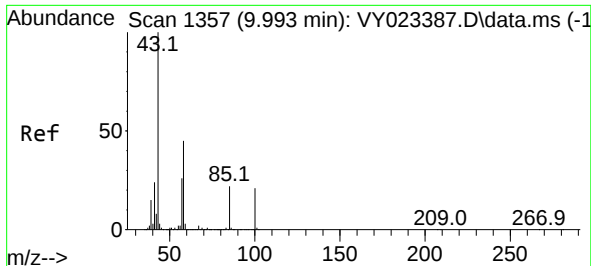
Tgt Ion: 98 Resp: 799605

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 285.011 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

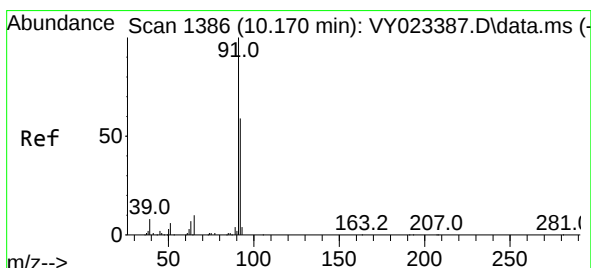
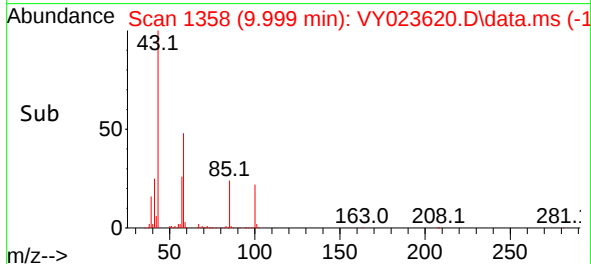
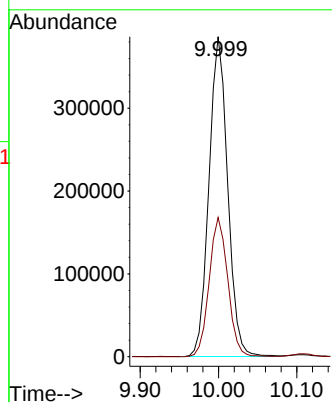
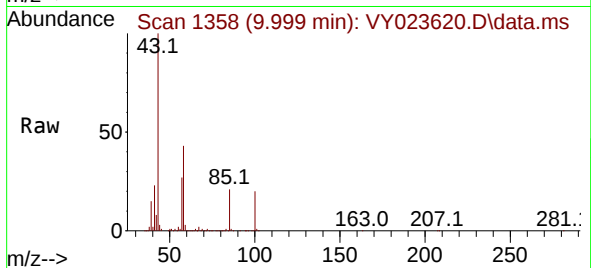
ClientSampleId :

Tgt Ion: 43 Resp: 640982

Ion Ratio Lower Upper

43 100

58 43.3 35.3 52.9



#52

Toluene

Concen: 57.417 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023620.D

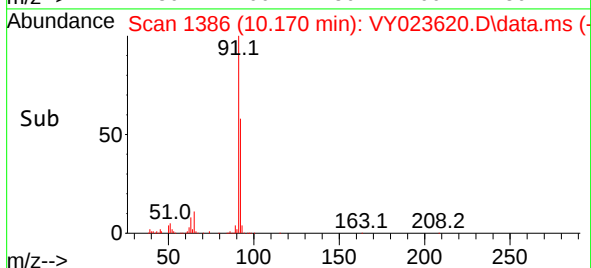
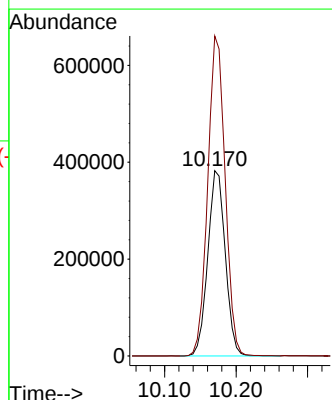
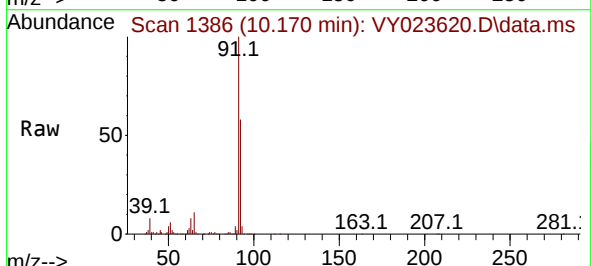
Acq: 30 Oct 2025 09:09

Tgt Ion: 92 Resp: 650543

Ion Ratio Lower Upper

92 100

91 171.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 56.509 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

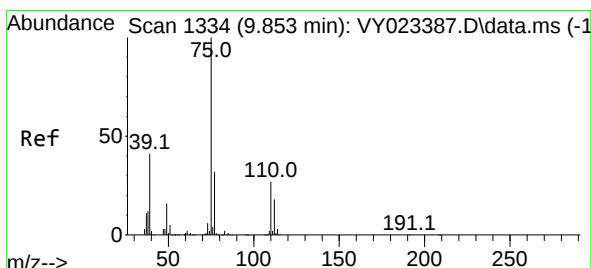
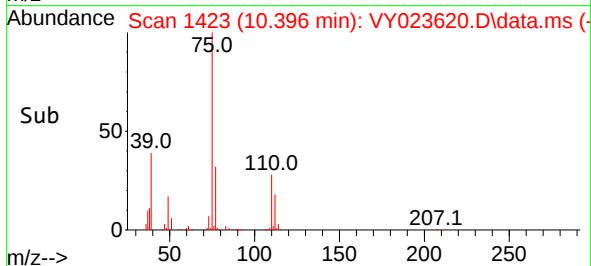
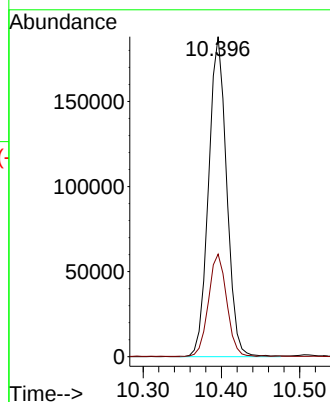
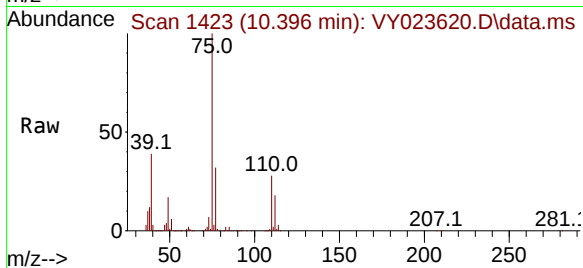
ClientSampleId :

Tgt Ion: 75 Resp: 301599

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 57.248 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

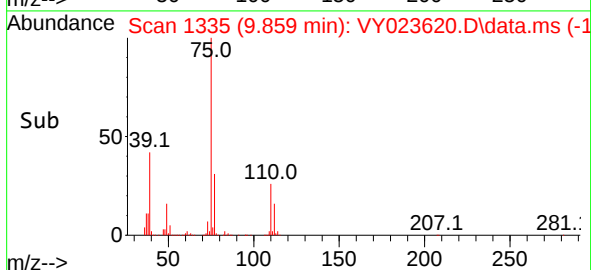
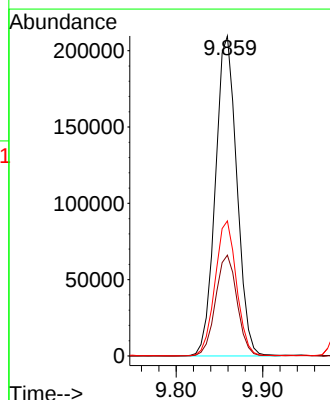
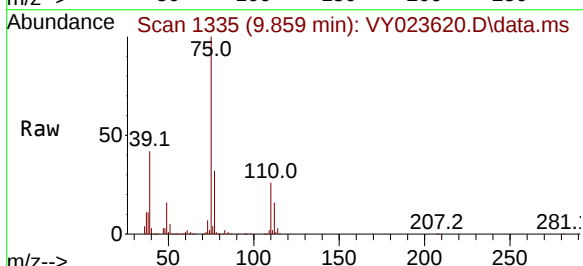
Tgt Ion: 75 Resp: 360617

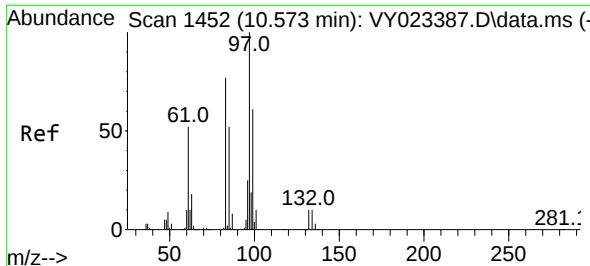
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 42.2 32.8 49.2

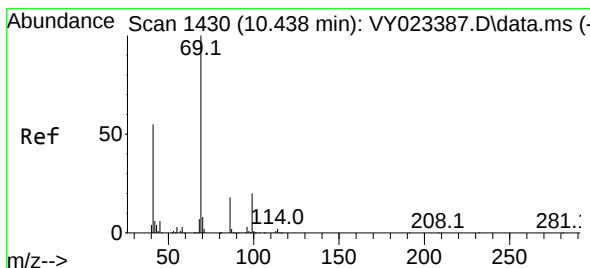
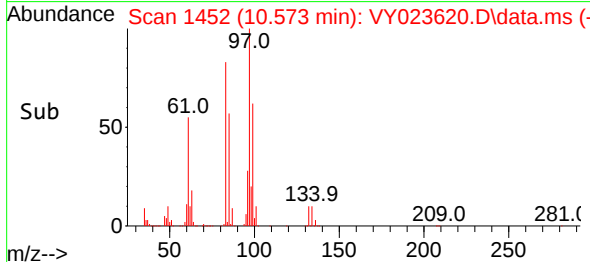
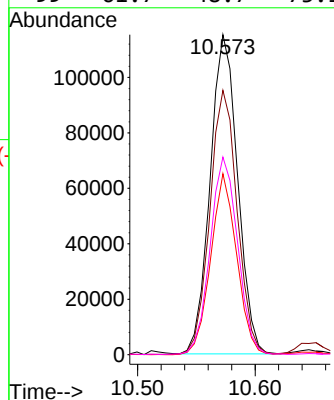
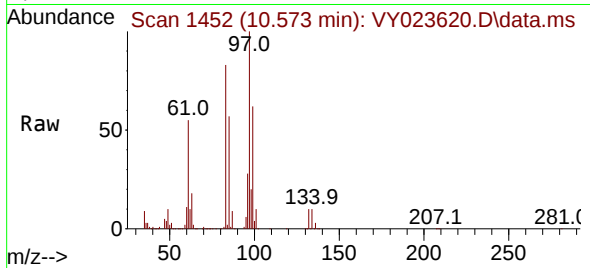




#55
1,1,2-Trichloroethane
Concen: 57.173 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

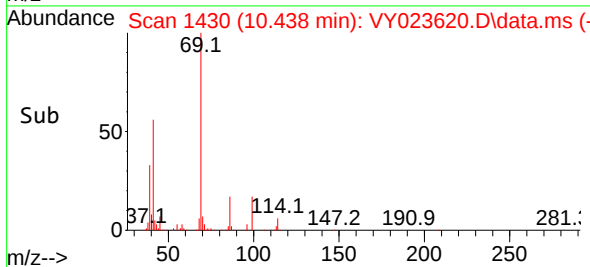
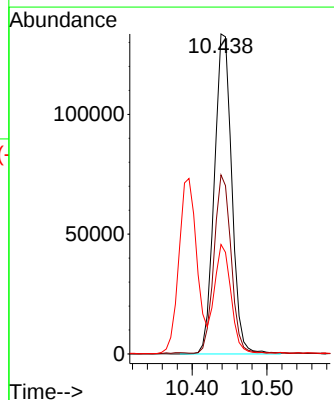
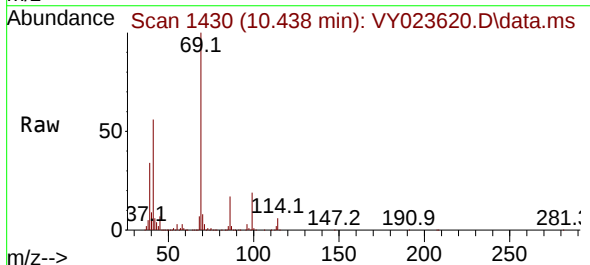
Instrument :
MSVOA_Y
ClientSampleId :

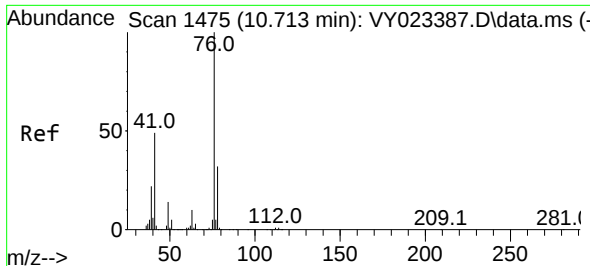
Tgt Ion:	97	Resp:	187378
Ion	Ratio	Lower	Upper
97	100		
83	82.5	61.8	92.6
85	56.5	41.3	61.9
99	61.7	48.7	73.1



#56
Ethyl methacrylate
Concen: 57.271 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion:	69	Resp:	216514
Ion	Ratio	Lower	Upper
69	100		
41	54.4	44.6	67.0
39	32.0	27.0	40.4





#57

1,3-Dichloropropane

Concen: 57.379 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

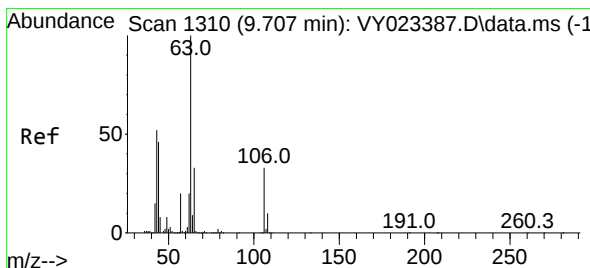
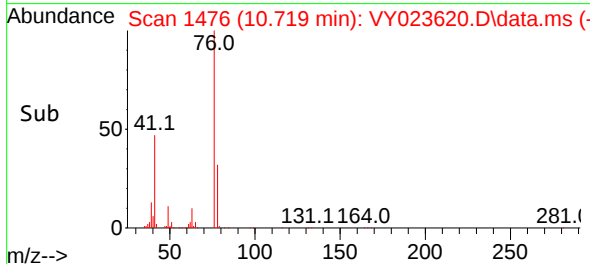
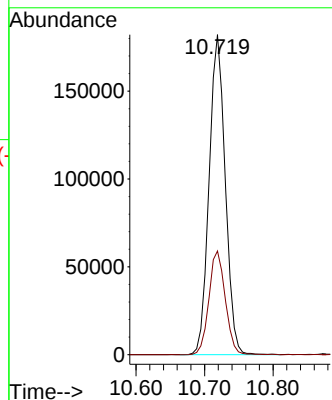
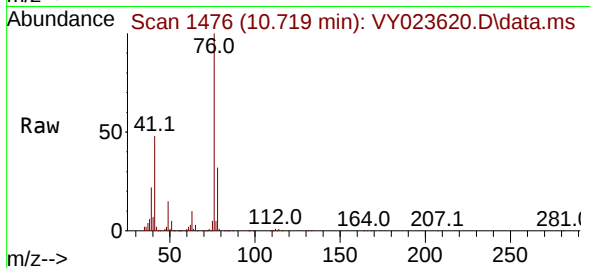
ClientSampleId :

Tgt Ion: 76 Resp: 297993

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 272.450 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023620.D

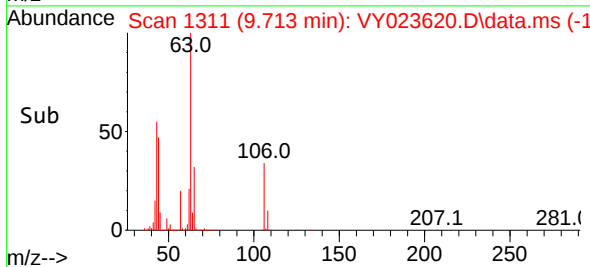
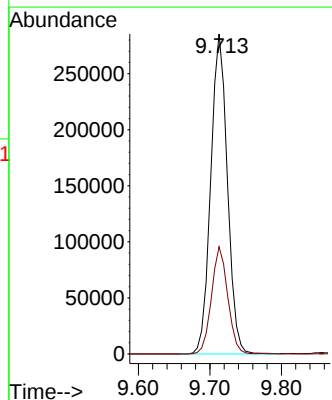
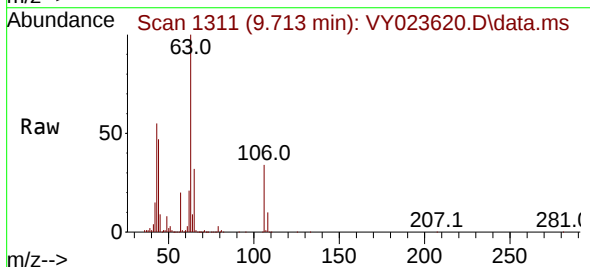
Acq: 30 Oct 2025 09:09

Tgt Ion: 63 Resp: 461417

Ion Ratio Lower Upper

63 100

106 32.7 26.6 39.8

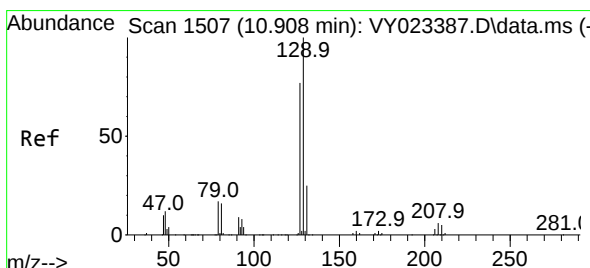
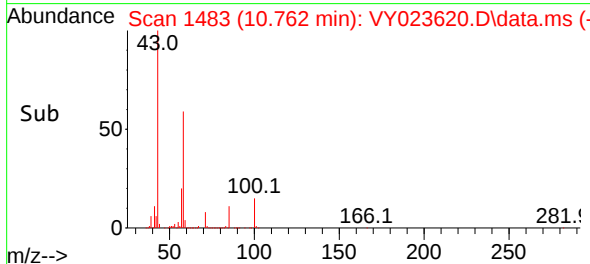
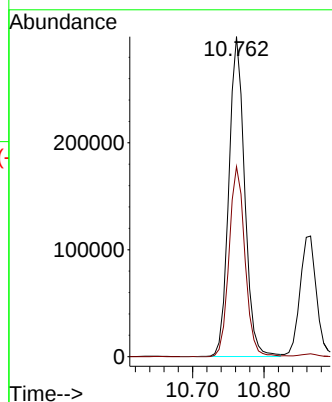
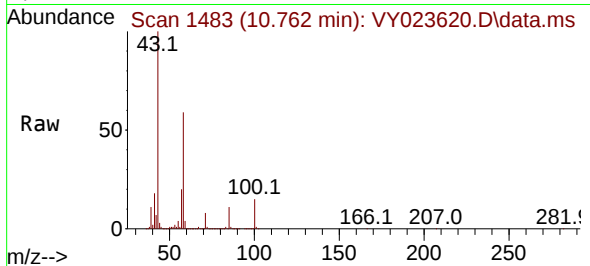




#59
2-Hexanone
Concen: 285.178 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

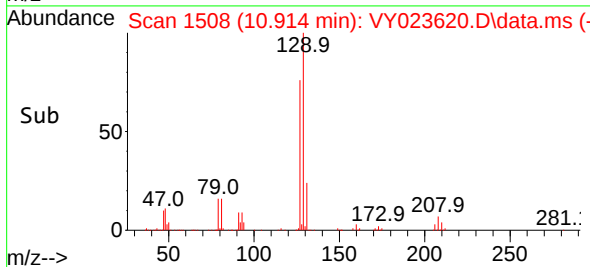
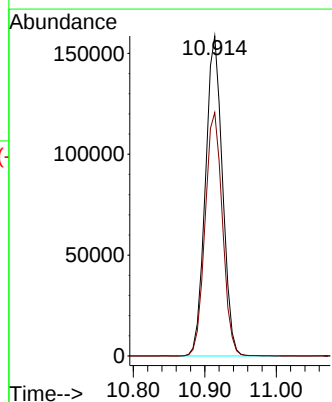
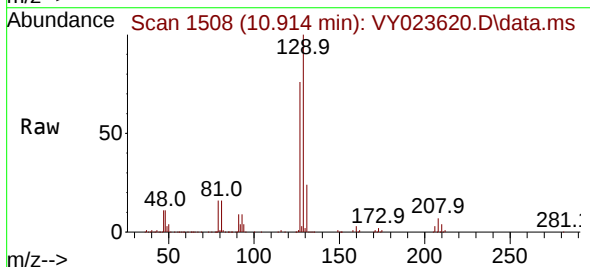
Instrument :
MSVOA_Y
ClientSampleId :

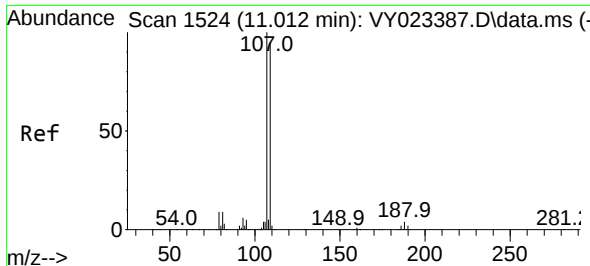
Tgt Ion: 43 Resp: 458343
Ion Ratio Lower Upper
43 100
58 59.8 30.5 91.5



#60
Dibromochloromethane
Concen: 57.093 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion:129 Resp: 262340
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

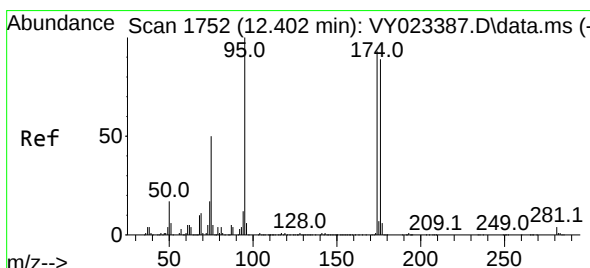
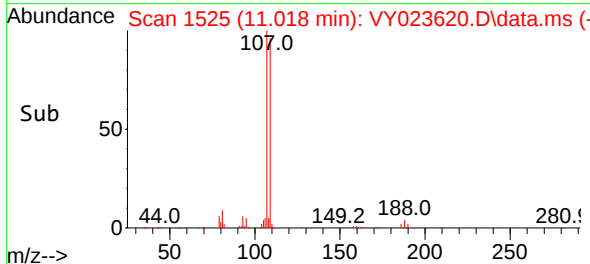
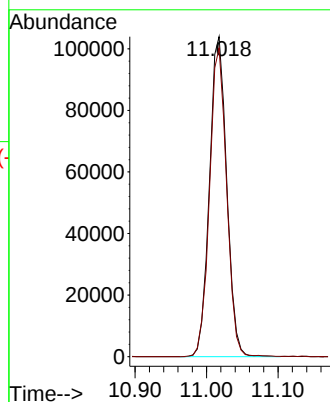
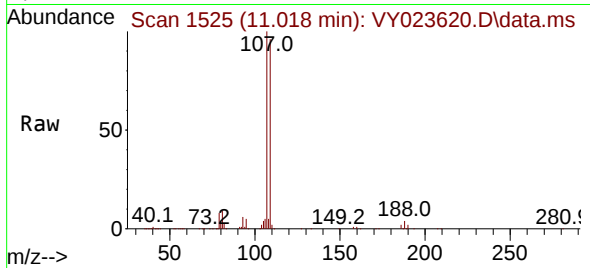




#61
1,2-Dibromoethane
Concen: 55.785 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

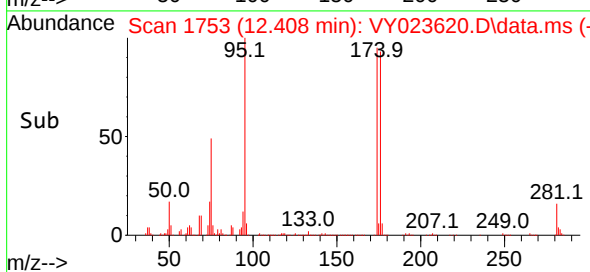
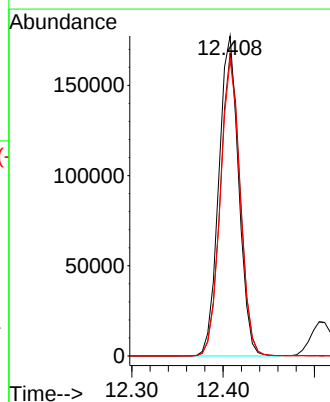
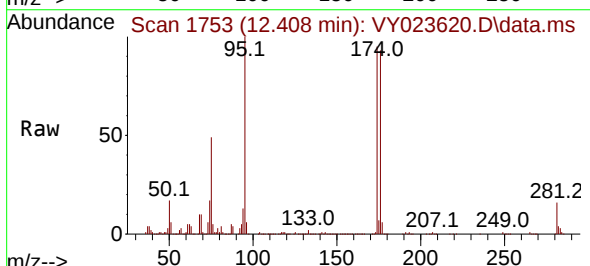
Instrument :
MSVOA_Y
ClientSampleId :

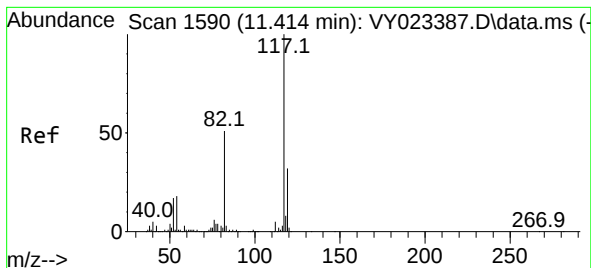
Tgt Ion:107 Resp: 174366
Ion Ratio Lower Upper
107 100
109 95.5 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 52.523 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 95 Resp: 268776
Ion Ratio Lower Upper
95 100
174 94.2 0.0 192.8
176 91.6 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

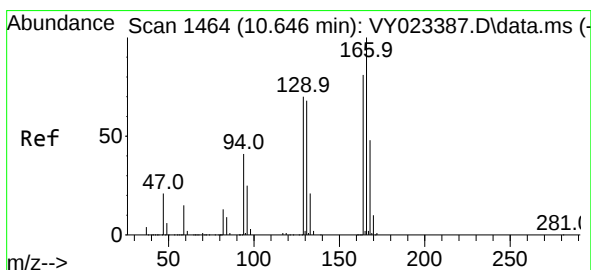
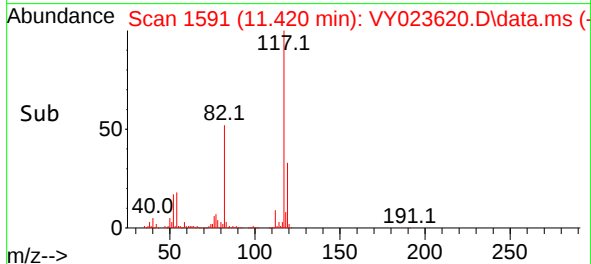
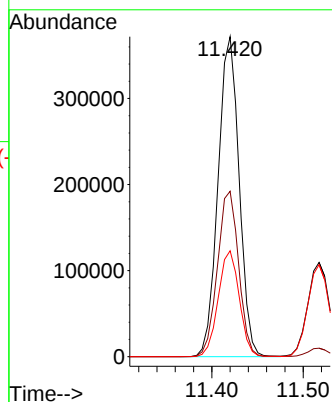
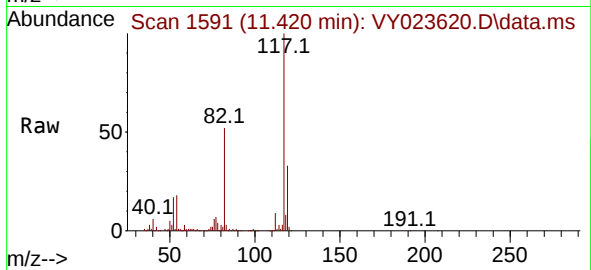
Tgt Ion:117 Resp: 596160

Ion Ratio Lower Upper

117 100

82 51.7 41.0 61.4

119 33.1 25.6 38.4



#64

Tetrachloroethene

Concen: 55.816 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Tgt Ion:164 Resp: 343582

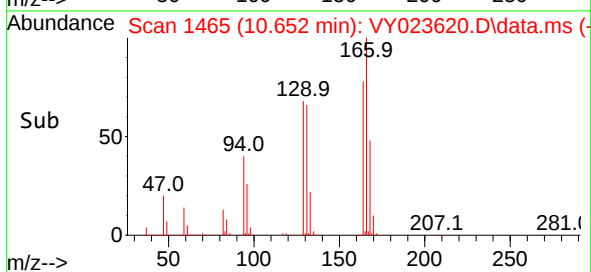
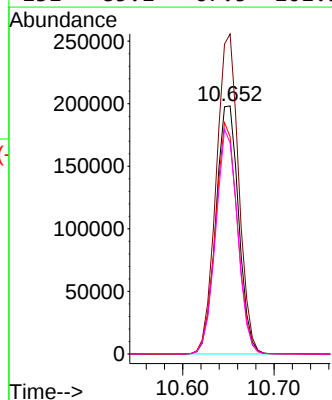
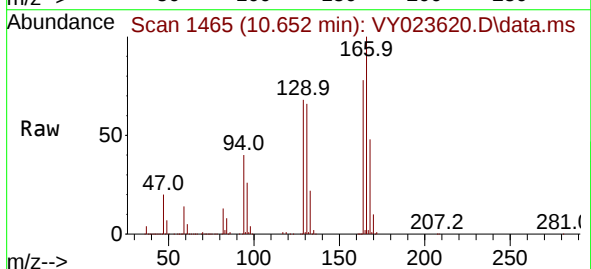
Ion Ratio Lower Upper

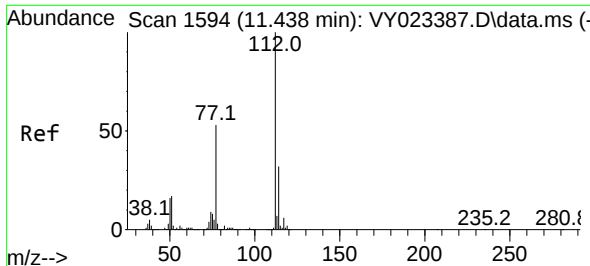
164 100

166 129.0 99.4 149.0

129 87.5 69.4 104.2

131 85.1 67.5 101.3

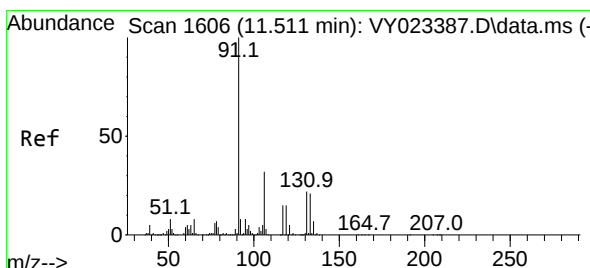
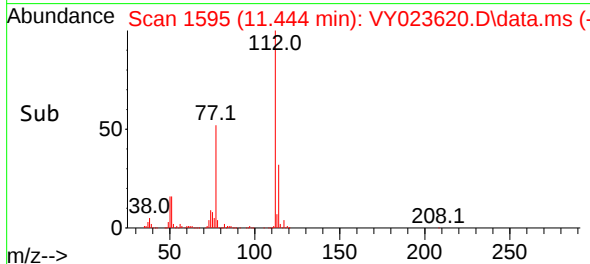
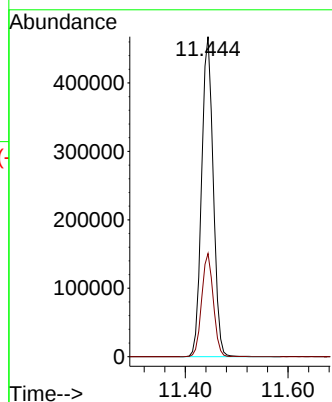
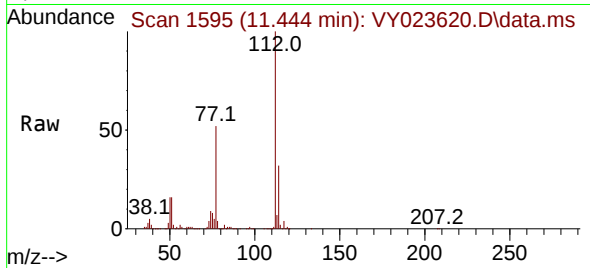




#65
Chlorobenzene
Concen: 56.623 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

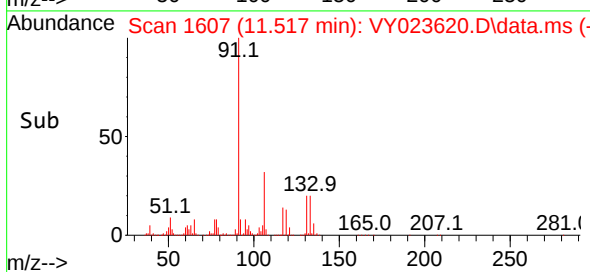
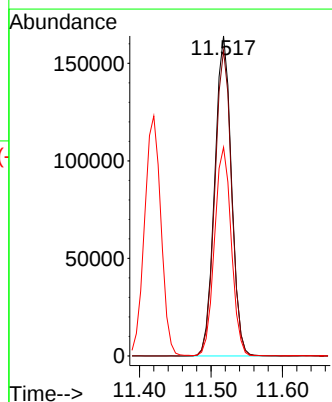
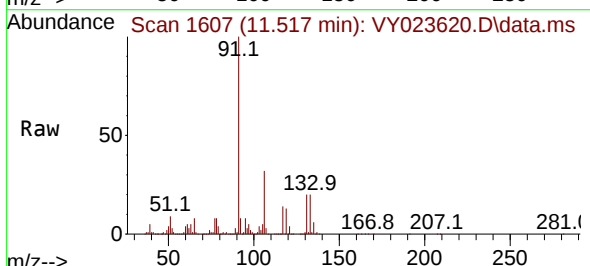
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:112 Resp: 734181
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 57.566 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion:131 Resp: 265987
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.2
119 65.3 32.4 97.2





#67

Ethyl Benzene

Concen: 58.870 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

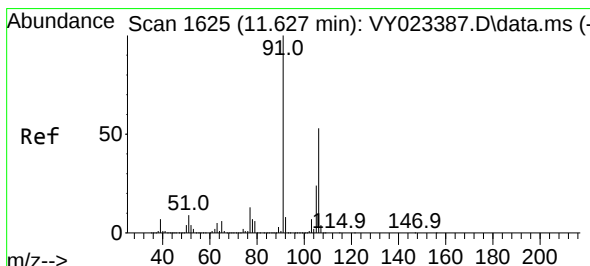
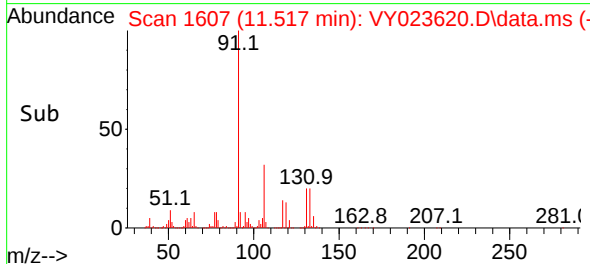
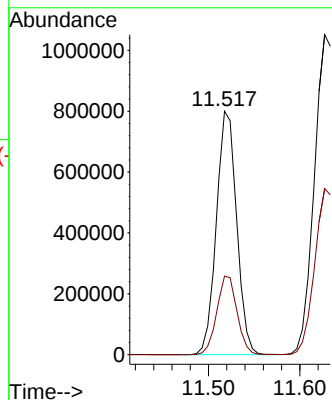
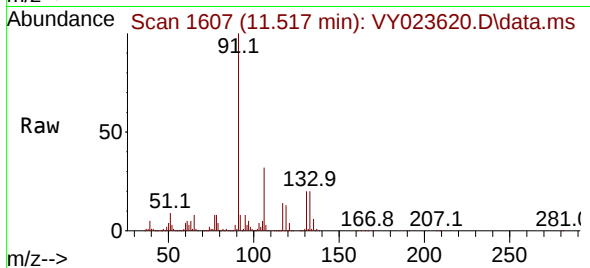
ClientSampleId :

Tgt Ion: 91 Resp: 1235582

Ion Ratio Lower Upper

91 100

106 32.2 25.8 38.8



#68

m/p-Xylenes

Concen: 117.835 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023620.D

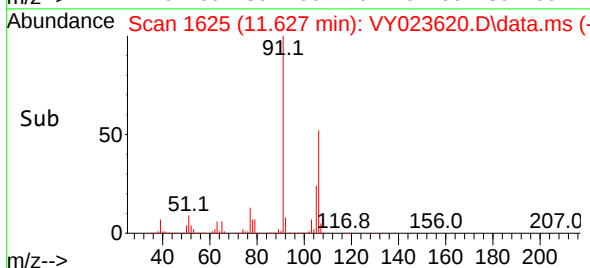
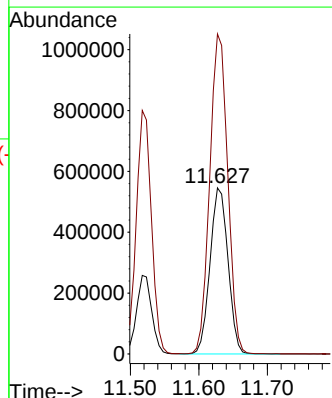
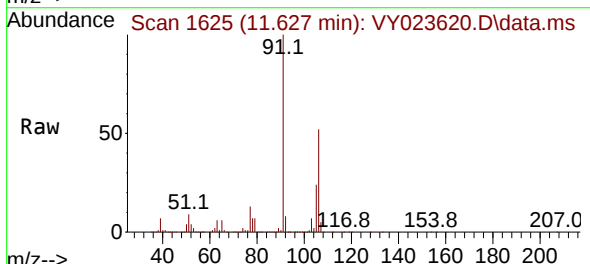
Acq: 30 Oct 2025 09:09

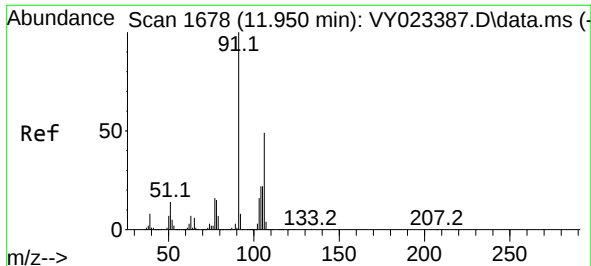
Tgt Ion:106 Resp: 991978

Ion Ratio Lower Upper

106 100

91 193.1 152.6 229.0

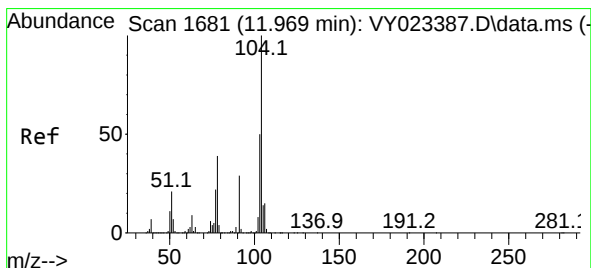
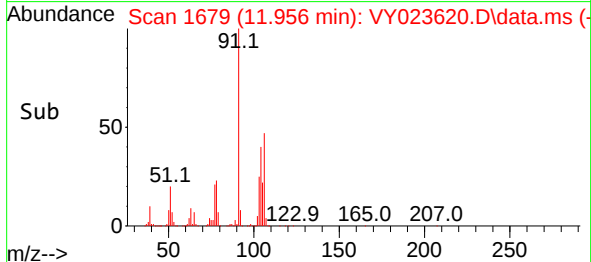
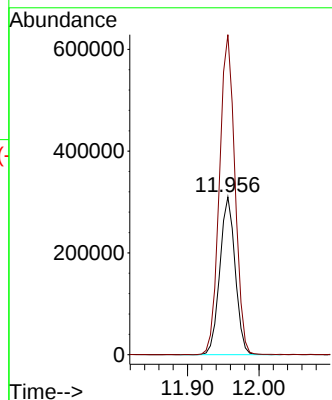
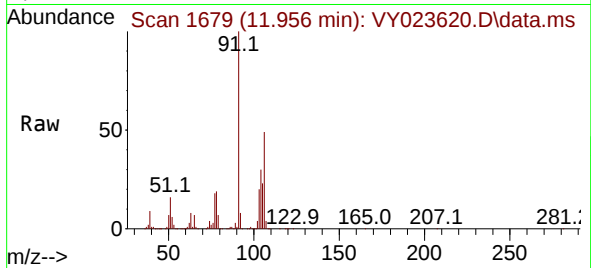




#69
o-Xylene
Concen: 58.420 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

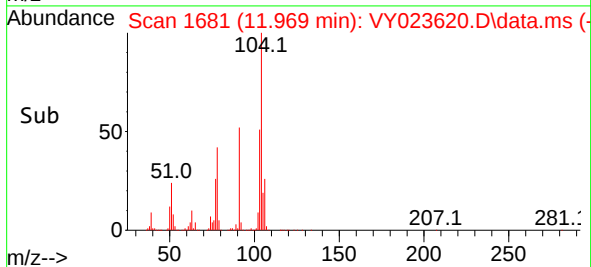
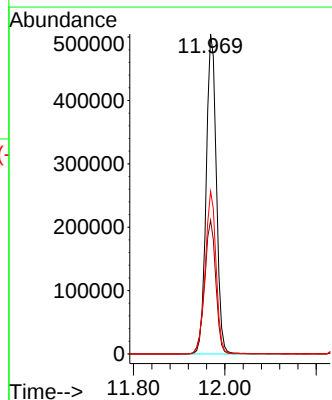
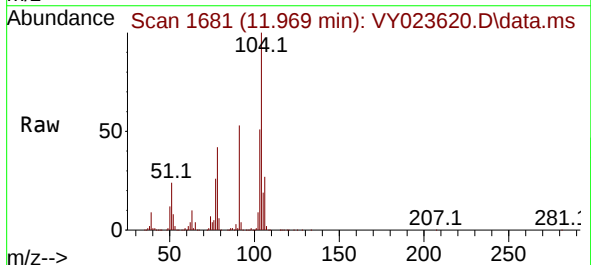
Instrument :
MSVOA_Y
ClientSampleId :

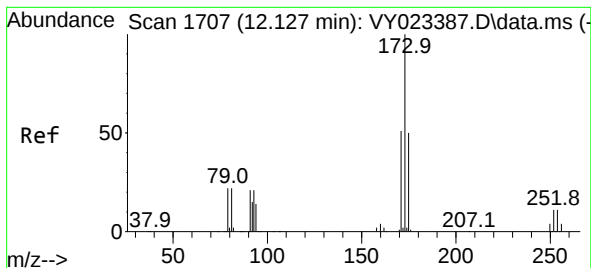
Tgt Ion:106 Resp: 461292
Ion Ratio Lower Upper
106 100
91 205.4 101.4 304.1



#70
Styrene
Concen: 60.085 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion:104 Resp: 780192
Ion Ratio Lower Upper
104 100
78 45.6 36.1 54.1
103 54.1 43.2 64.8





#71

Bromoform

Concen: 55.256 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

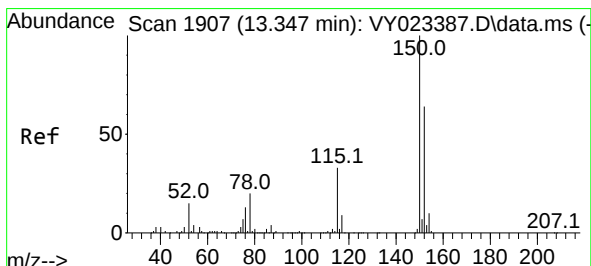
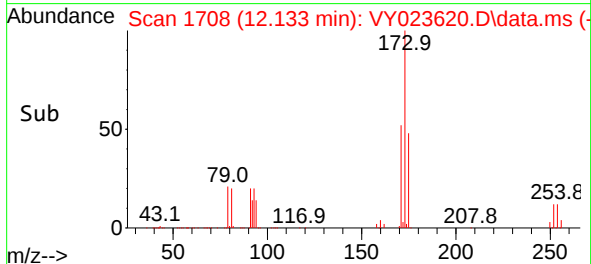
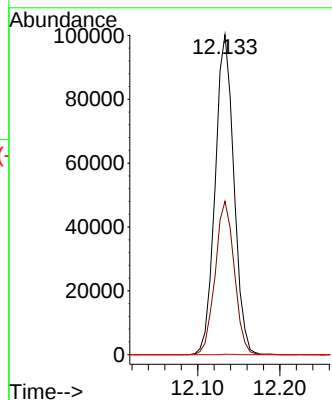
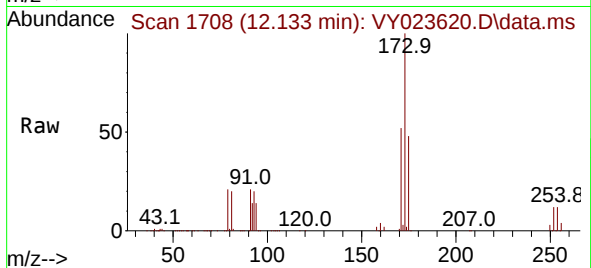
Tgt Ion:173 Resp: 158369

Ion Ratio Lower Upper

173 100

175 48.9 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

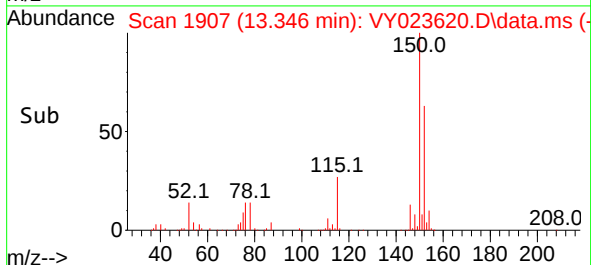
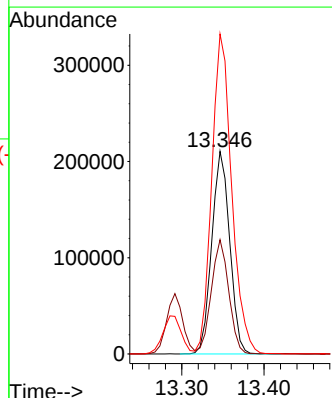
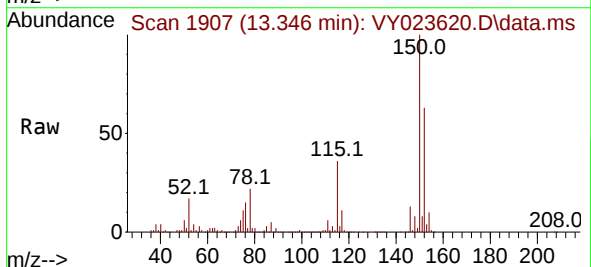
Tgt Ion:152 Resp: 319486

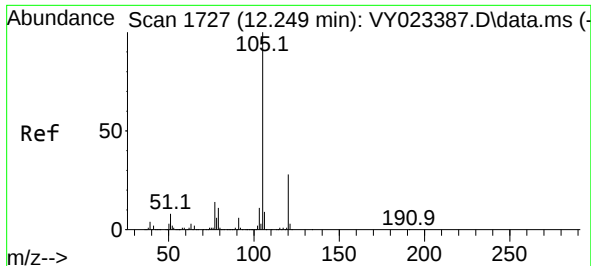
Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.2

150 175.5 0.0 347.4

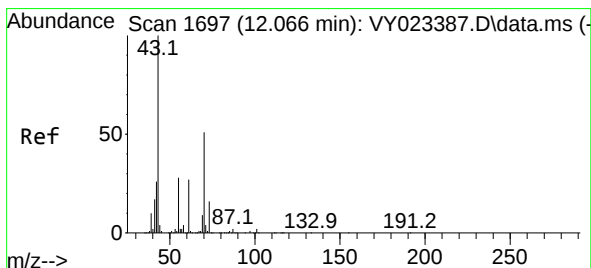
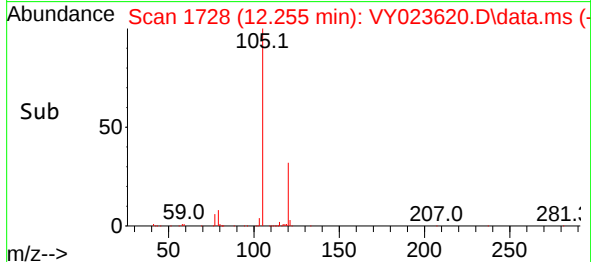
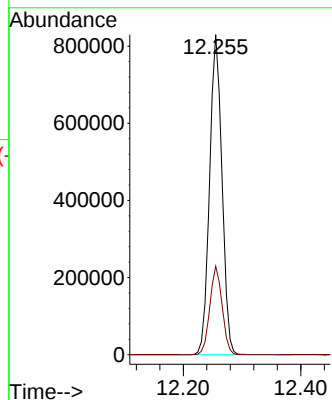
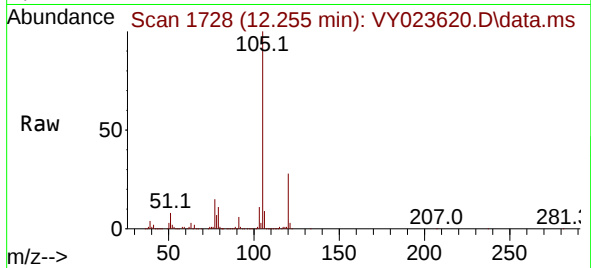




#73
Isopropylbenzene
Concen: 57.722 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

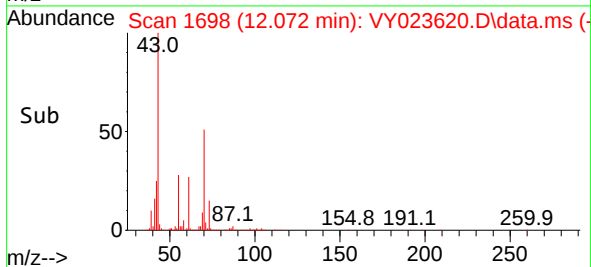
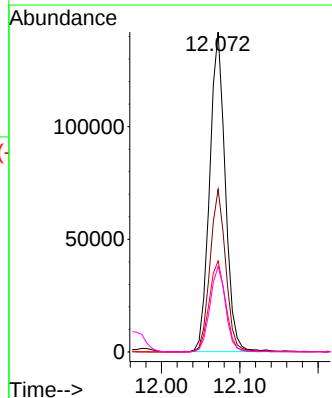
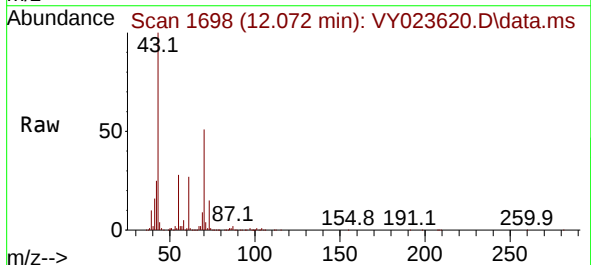
Instrument :
MSVOA_Y
ClientSampleId :

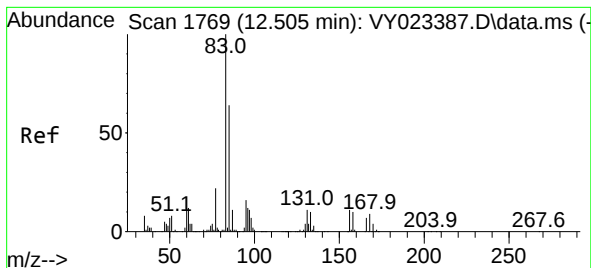
Tgt Ion:105 Resp: 1215315
Ion Ratio Lower Upper
105 100
120 27.3 13.9 41.7



#74
N-ethyl acetate
Concen: 51.865 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 43 Resp: 196138
Ion Ratio Lower Upper
43 100
70 51.4 41.1 61.7
55 30.1 23.0 34.6
61 26.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.427 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

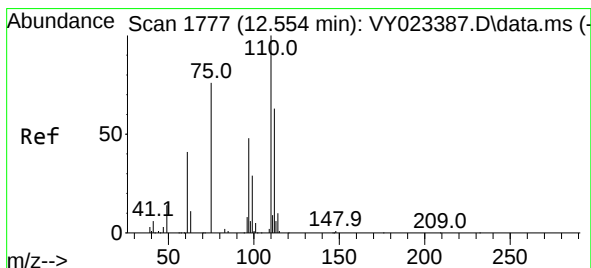
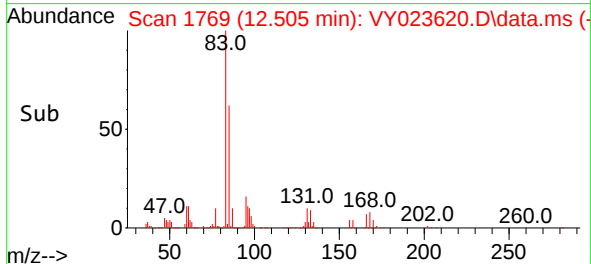
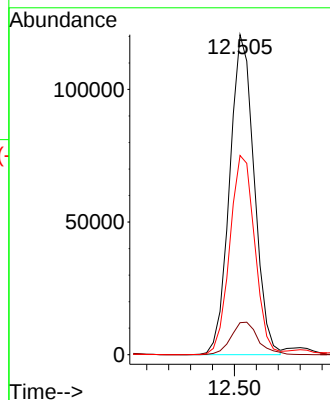
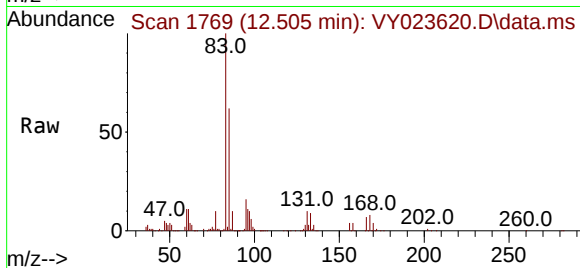
Tgt Ion: 83 Resp: 187426

Ion Ratio Lower Upper

83 100

131 11.3 5.9 17.6

85 63.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 89.721 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023620.D

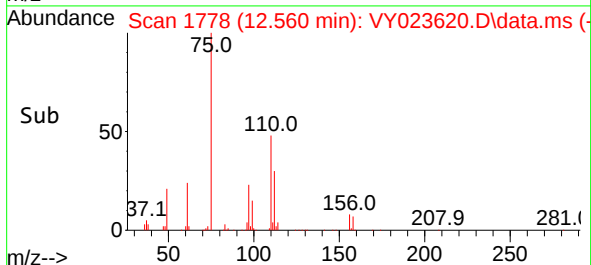
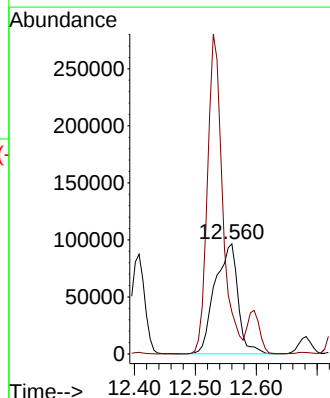
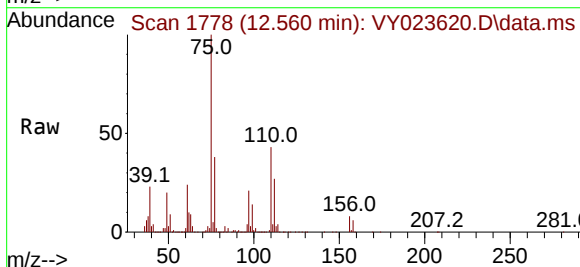
Acq: 30 Oct 2025 09:09

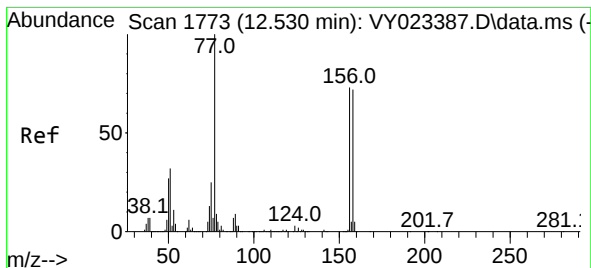
Tgt Ion: 75 Resp: 252897

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.248 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

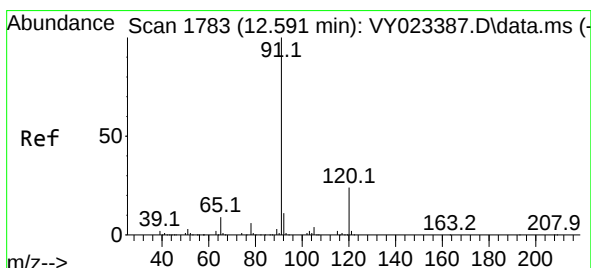
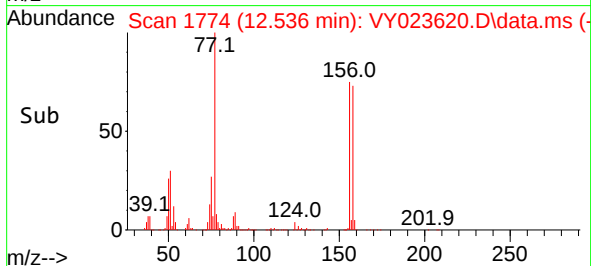
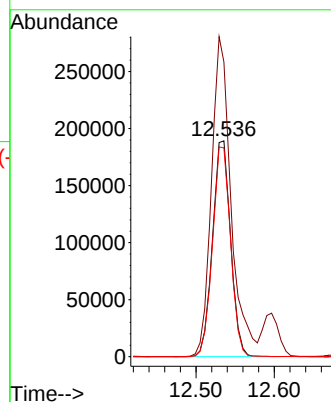
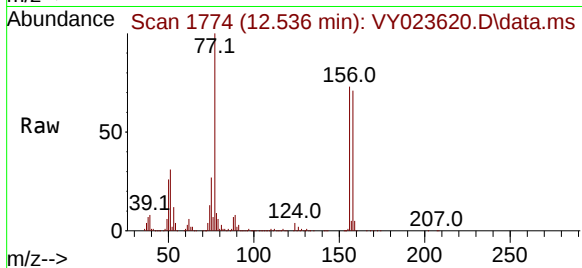
Tgt Ion:156 Resp: 303647

Ion Ratio Lower Upper

156 100

77 160.1 76.8 230.5

158 96.7 49.0 147.2



#78

n-propylbenzene

Concen: 58.821 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023620.D

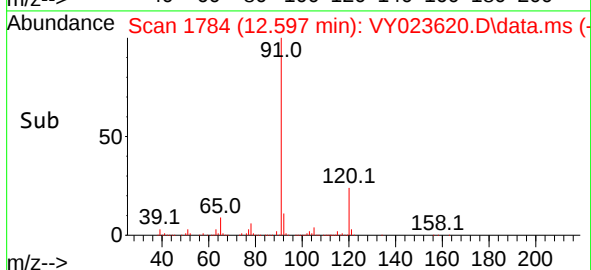
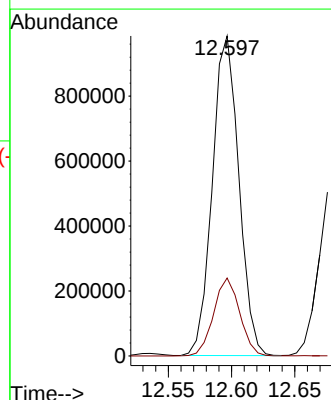
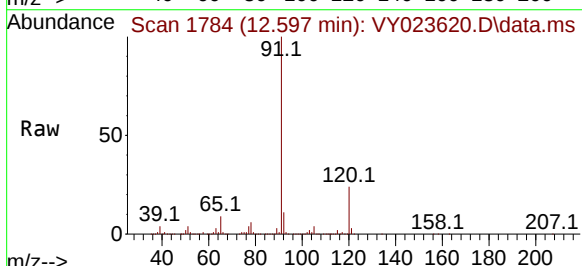
Acq: 30 Oct 2025 09:09

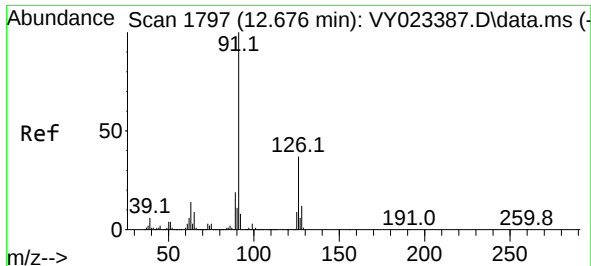
Tgt Ion: 91 Resp: 1433132

Ion Ratio Lower Upper

91 100

120 24.0 12.3 36.8

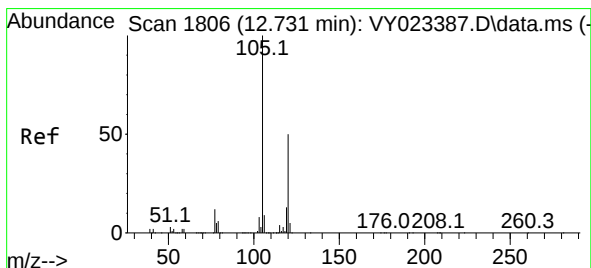
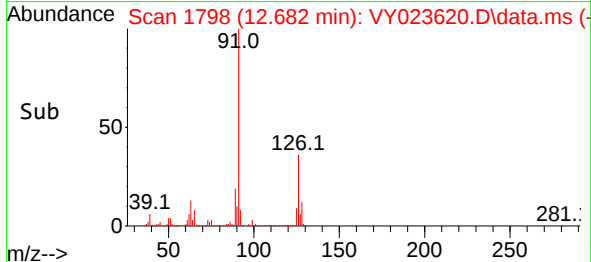
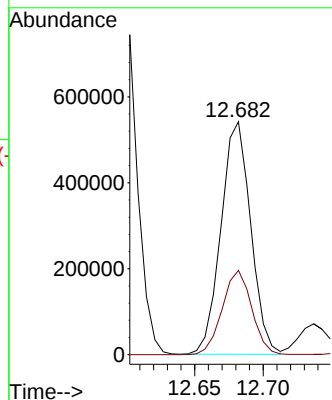
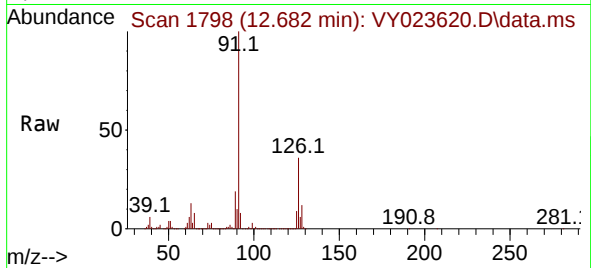




#79
2-Chlorotoluene
Concen: 57.369 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

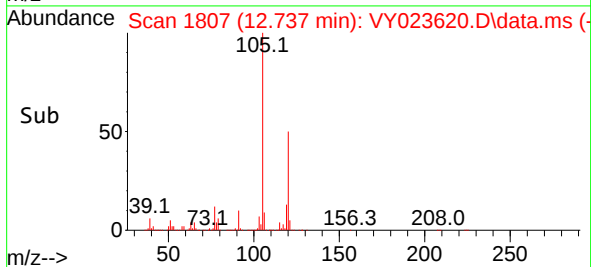
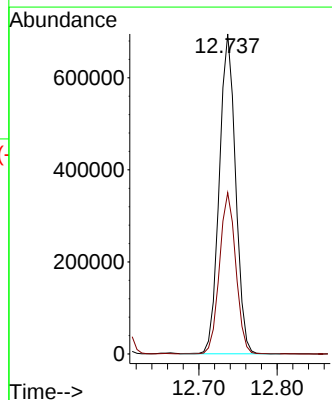
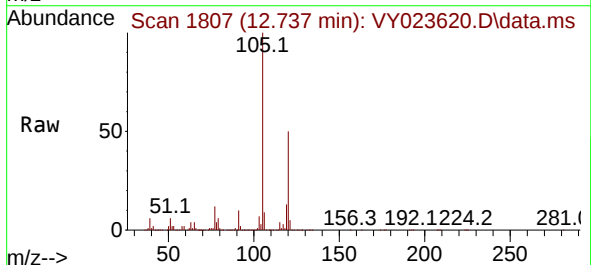
Instrument :
MSVOA_Y
ClientSampleId :

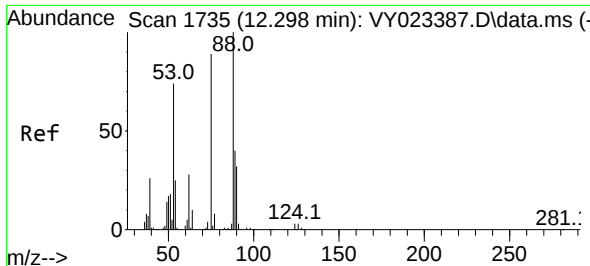
Tgt Ion: 91 Resp: 818527
Ion Ratio Lower Upper
91 100
126 35.9 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 59.085 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 105 Resp: 1005252
Ion Ratio Lower Upper
105 100
120 50.6 25.4 76.4

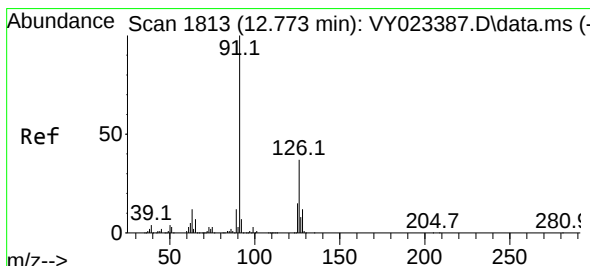
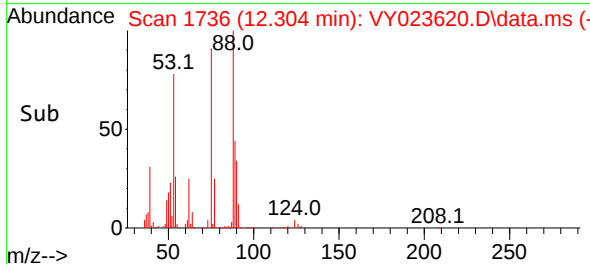
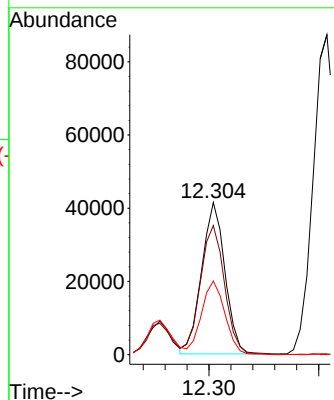
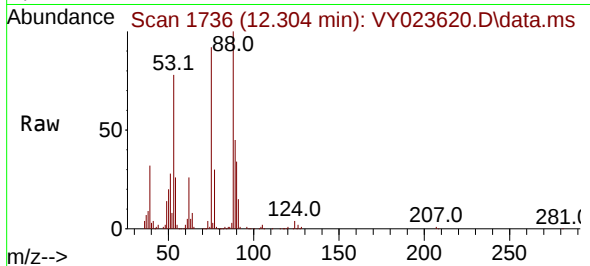




#81
trans-1,4-Dichloro-2-butene
Concen: 53.212 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

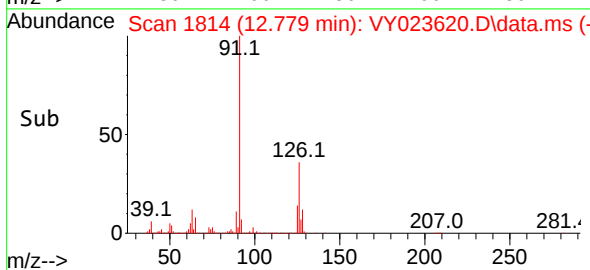
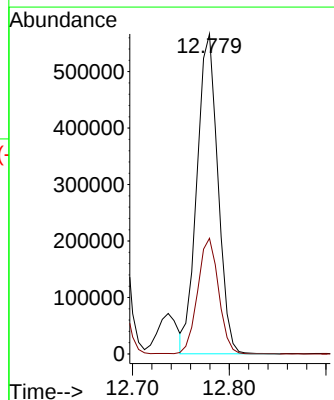
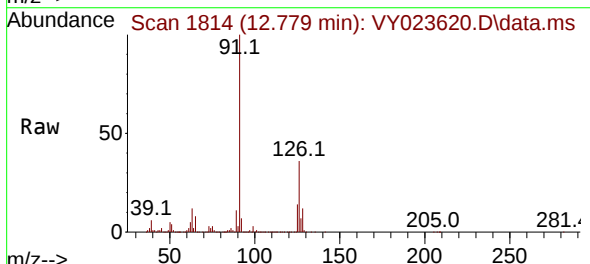
Instrument :
MSVOA_Y
ClientSampleId :

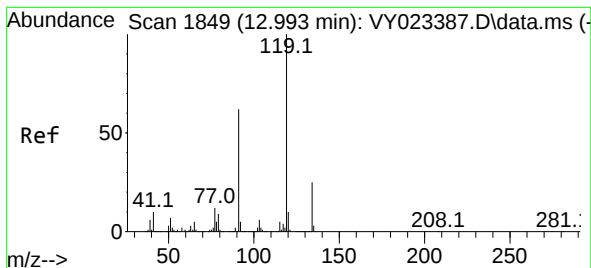
Tgt Ion: 75 Resp: 61166
Ion Ratio Lower Upper
75 100
53 89.0 68.6 102.8
89 48.8 39.0 58.4



#82
4-Chlorotoluene
Concen: 57.978 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 91 Resp: 851937
Ion Ratio Lower Upper
91 100
126 36.2 18.4 55.4





#83

tert-Butylbenzene

Concen: 57.800 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

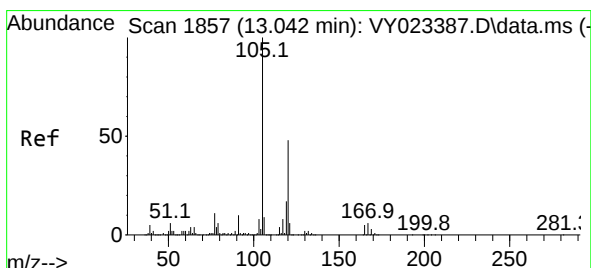
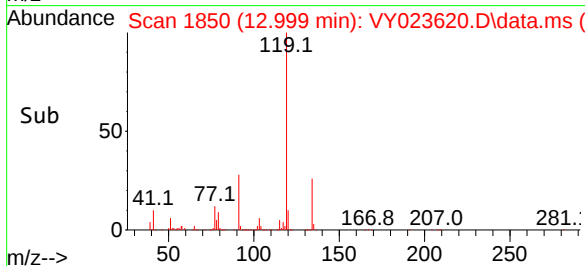
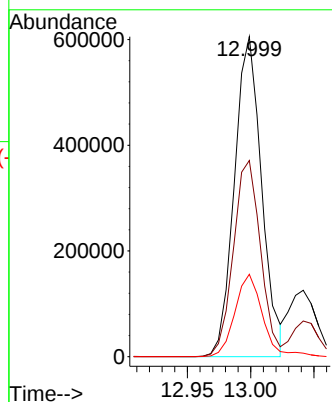
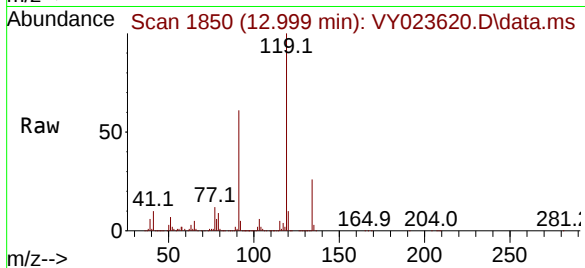
Tgt Ion:119 Resp: 907974

Ion Ratio Lower Upper

119 100

91 61.0 29.9 89.8

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 58.289 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023620.D

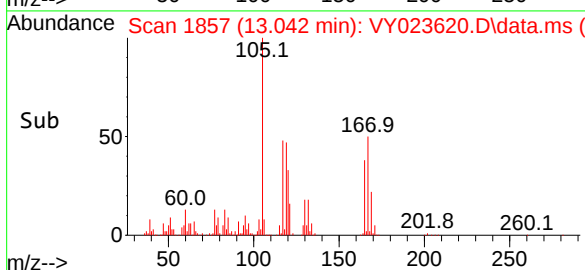
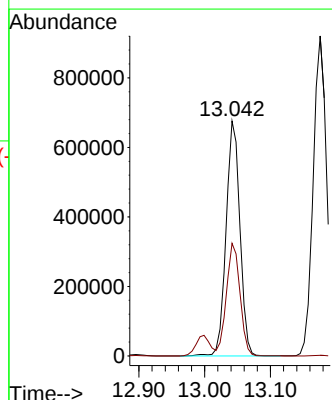
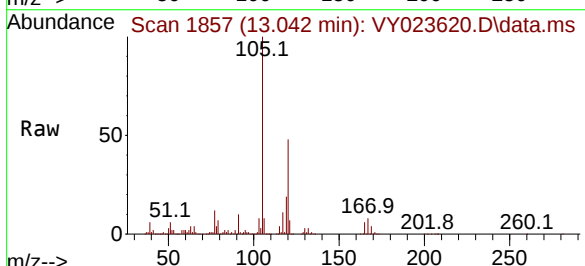
Acq: 30 Oct 2025 09:09

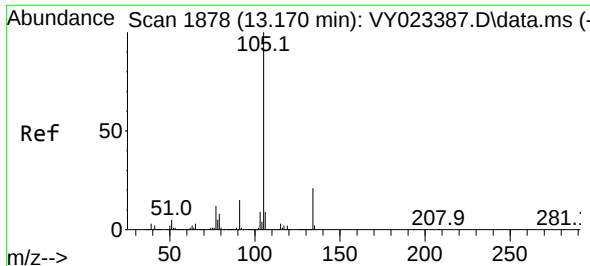
Tgt Ion:105 Resp: 989725

Ion Ratio Lower Upper

105 100

120 47.1 23.8 71.2

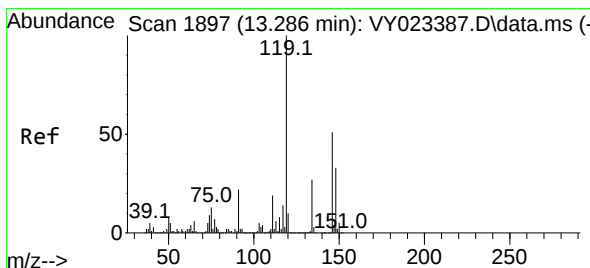
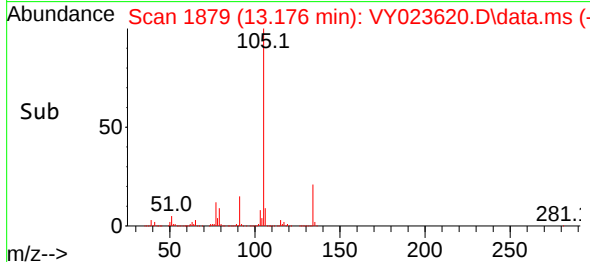
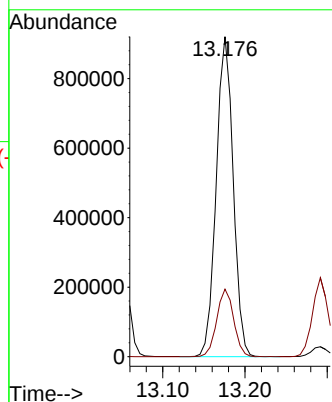
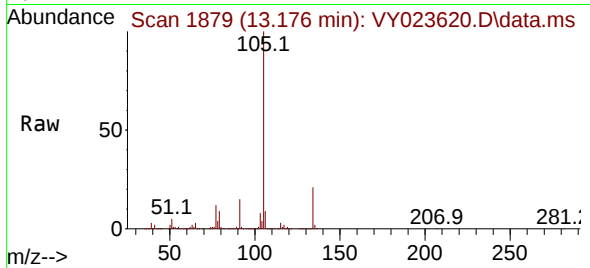




#85
 sec-Butylbenzene
 Concen: 58.517 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023620.D
 Acq: 30 Oct 2025 09:09

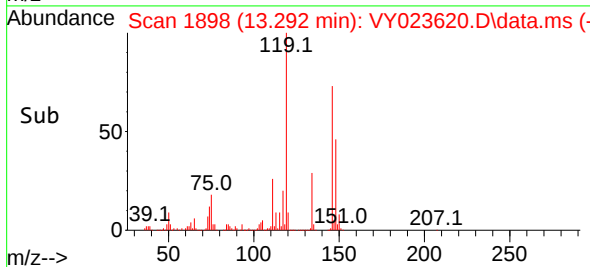
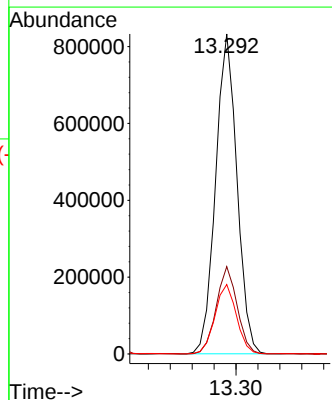
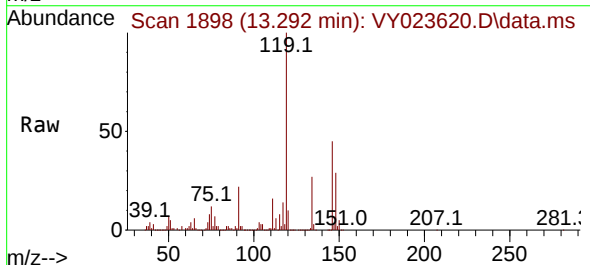
Instrument :
 MSVOA_Y
 ClientSampleId :

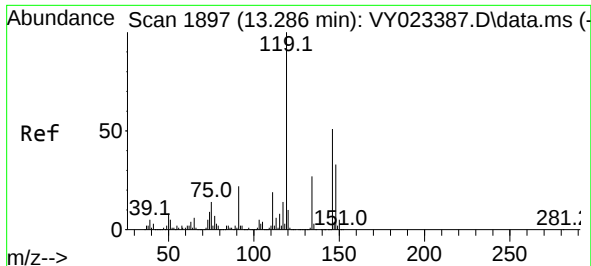
Tgt Ion:105 Resp: 1318625
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 58.690 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023620.D
 Acq: 30 Oct 2025 09:09

Tgt Ion:119 Resp: 1126025
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 21.8 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 55.146 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

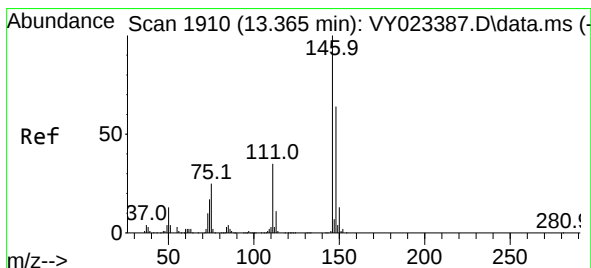
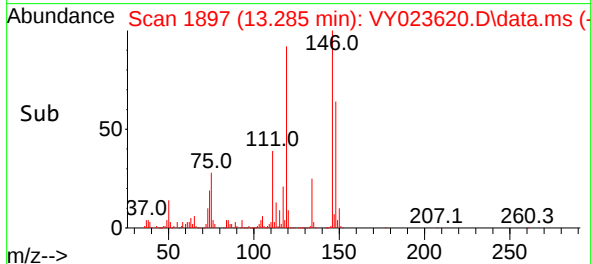
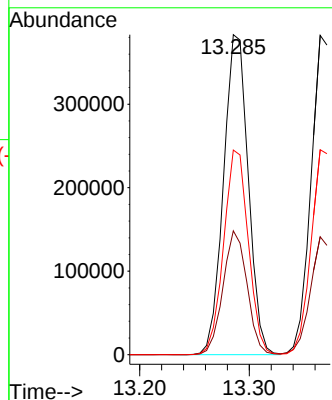
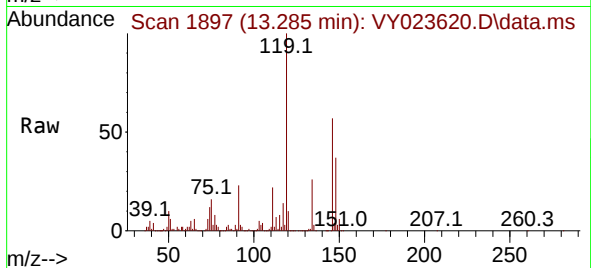
Tgt Ion:146 Resp: 601083

Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 54.656 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

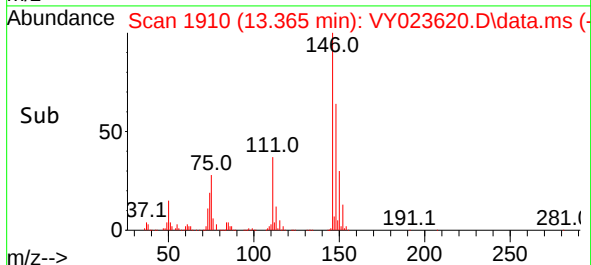
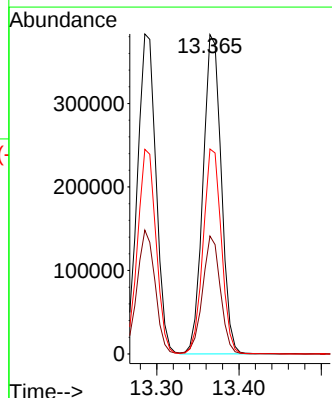
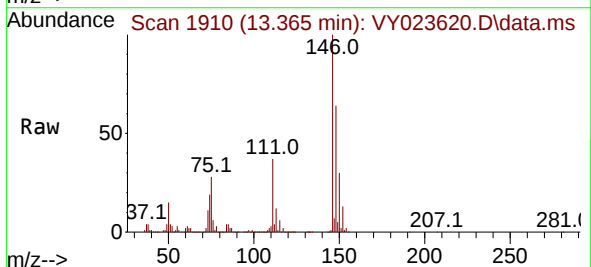
Tgt Ion:146 Resp: 588374

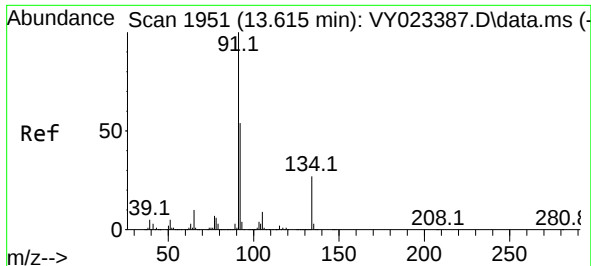
Ion Ratio Lower Upper

146 100

111 36.2 18.0 54.0

148 64.2 31.9 95.7

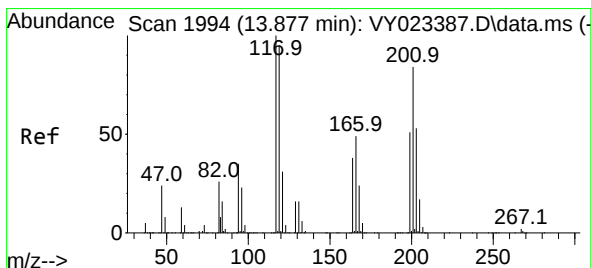
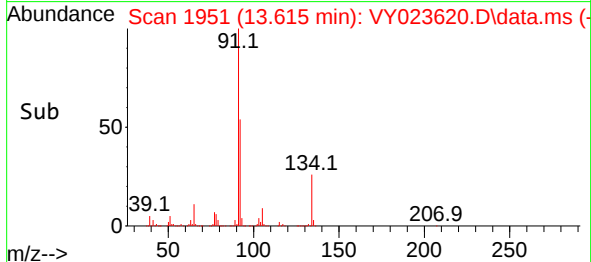
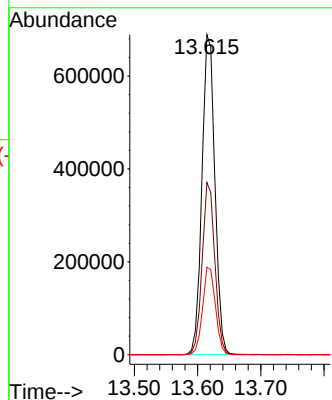
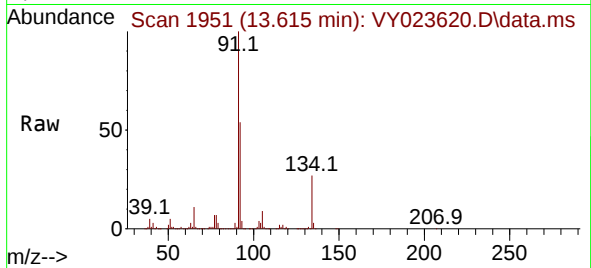




#89
n-Butylbenzene
Concen: 58.794 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

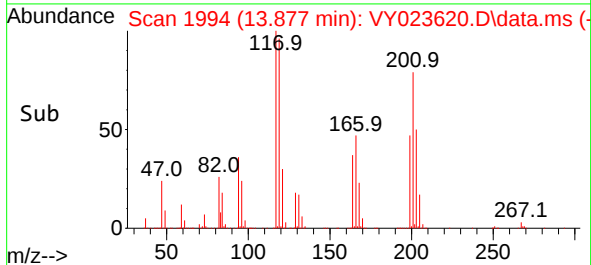
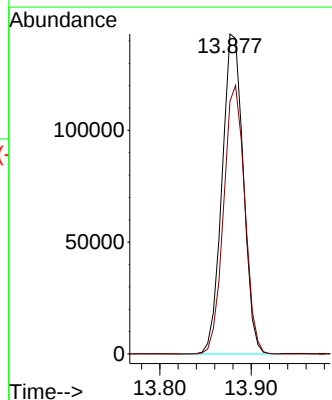
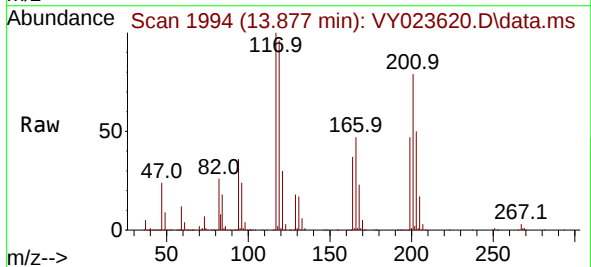
Instrument :
MSVOA_Y
ClientSampleId :

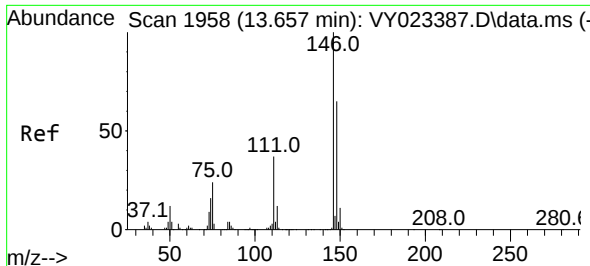
Tgt Ion: 91 Resp: 982880
Ion Ratio Lower Upper
91 100
92 52.8 27.0 80.8
134 27.1 14.1 42.2



#90
Hexachloroethane
Concen: 56.073 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023620.D
Acq: 30 Oct 2025 09:09

Tgt Ion: 117 Resp: 231387
Ion Ratio Lower Upper
117 100
201 83.5 43.8 131.4

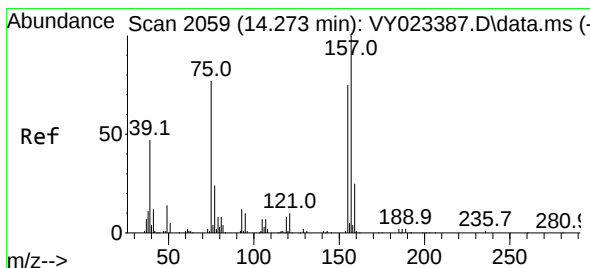
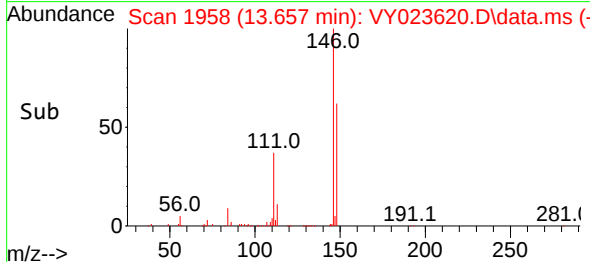
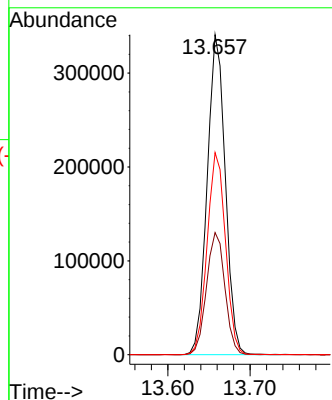
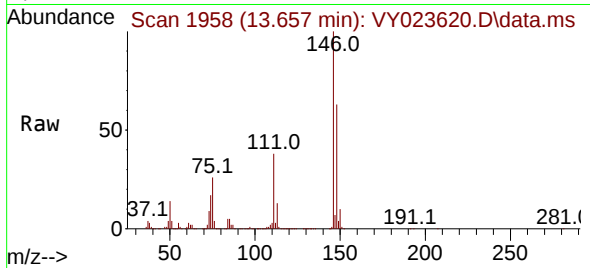




#91
 1,2-Dichlorobenzene
 Concen: 54.609 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023620.D
 Acq: 30 Oct 2025 09:09

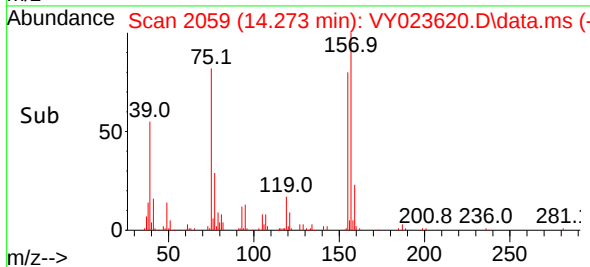
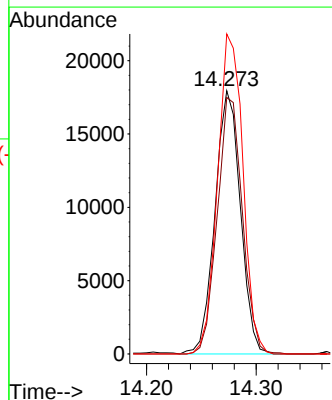
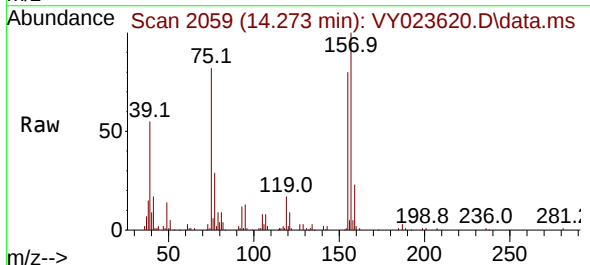
Instrument :
 MSVOA_Y
 ClientSampleId :

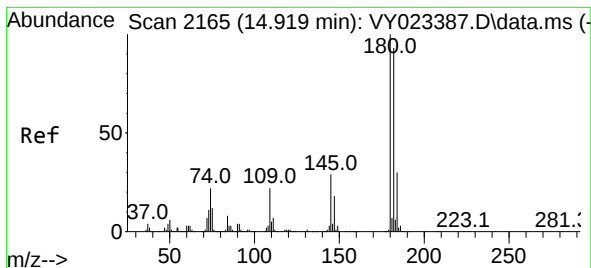
Tgt Ion:146 Resp: 521851
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.0 57.0
 148 64.2 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.066 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023620.D
 Acq: 30 Oct 2025 09:09

Tgt Ion: 75 Resp: 28854
 Ion Ratio Lower Upper
 75 100
 155 96.5 50.0 150.0
 157 121.2 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 51.603 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

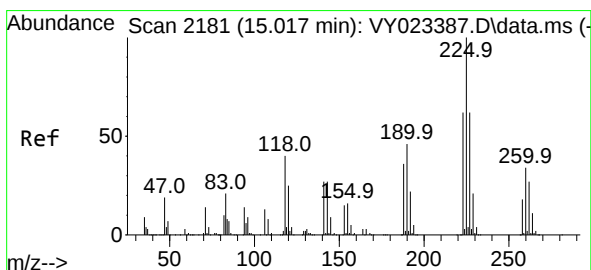
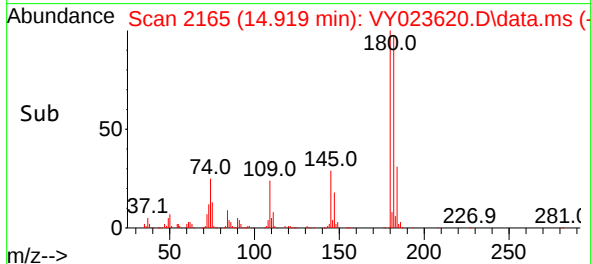
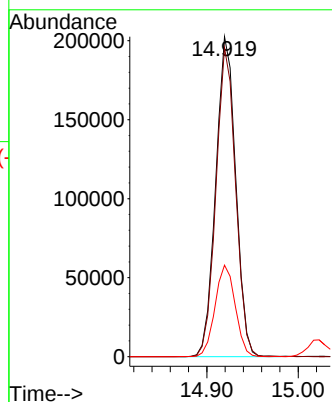
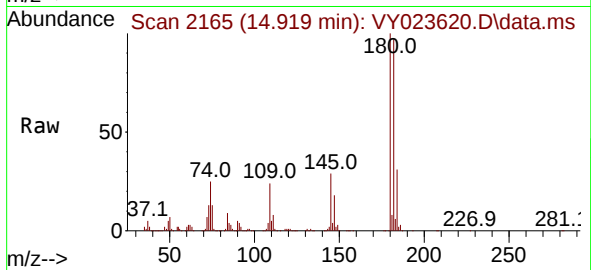
Tgt Ion:180 Resp: 307425

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.6

145 28.9 14.7 44.1



#94

Hexachlorobutadiene

Concen: 53.302 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

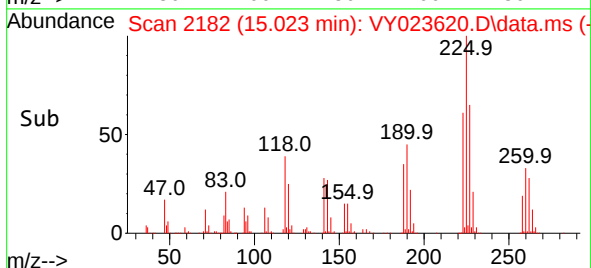
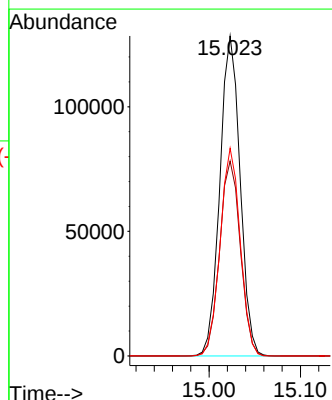
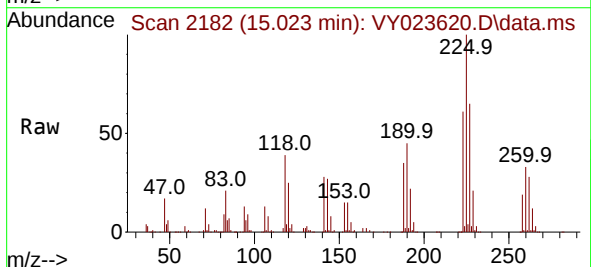
Tgt Ion:225 Resp: 197947

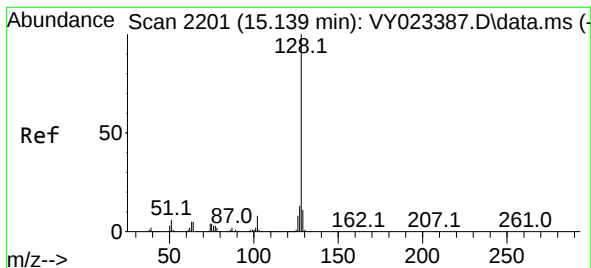
Ion Ratio Lower Upper

225 100

223 62.2 30.8 92.3

227 64.5 31.9 95.7





#95

Naphthalene

Concen: 50.041 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

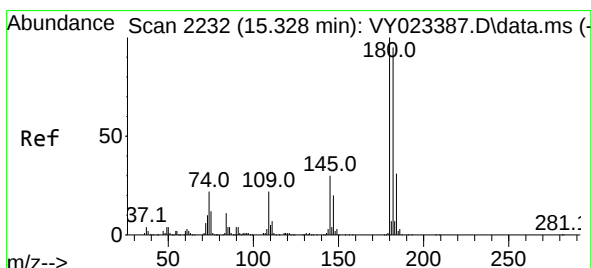
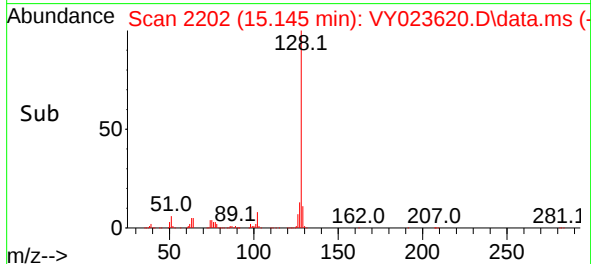
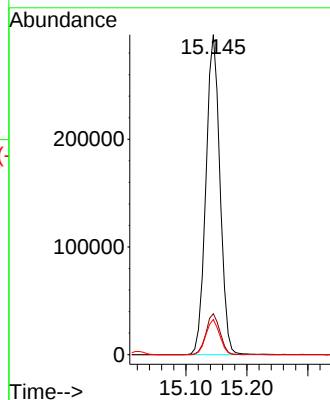
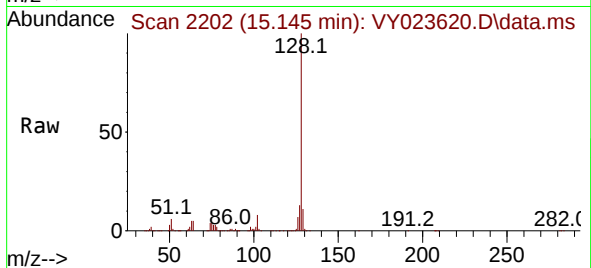
Tgt Ion:128 Resp: 474724

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.602 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023620.D

Acq: 30 Oct 2025 09:09

Tgt Ion:180 Resp: 261118

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 30.5 15.3 45.9

