

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
 Data File : VY023391.D
 Acq On : 07 Oct 2025 14:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100725

Quant Time: Oct 08 05:15:49 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	7.707	168	574332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	861639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	771372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	405636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	237493	49.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.900%
35) Dibromofluoromethane	7.634	113	260038	49.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.103	98	970614	49.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.402	95	324700	49.881	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	185683	44.916	ug/l	99
3) Chloromethane	2.068	50	295766	52.519	ug/l	98
4) Vinyl Chloride	2.208	62	362714	49.449	ug/l	100
5) Bromomethane	2.598	94	300735	48.856	ug/l	98
6) Chloroethane	2.739	64	256831	51.367	ug/l	99
7) Trichlorofluoromethane	3.056	101	494789	48.582	ug/l	99
8) Diethyl Ether	3.458	74	135857	51.050	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	257524	48.728	ug/l	100
10) Methyl Iodide	4.007	142	305209	51.875	ug/l	98
11) Tert butyl alcohol	4.860	59	82562	231.079	ug/l	100
12) 1,1-Dichloroethene	3.787	96	254382	49.653	ug/l	97
13) Acrolein	3.653	56	124288	246.184	ug/l	99
14) Allyl chloride	4.385	41	316213	50.645	ug/l	99
15) Acrylonitrile	5.055	53	256219	251.575	ug/l	99
16) Acetone	3.866	43	243433	212.910	ug/l	98
17) Carbon Disulfide	4.104	76	733457	50.021	ug/l	100
18) Methyl Acetate	4.385	43	151281	50.439	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	643111	52.230	ug/l	97
20) Methylene Chloride	4.616	84	324604	52.503	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	290384	51.482	ug/l	98
22) Diisopropyl ether	6.019	45	709381	51.364	ug/l	99
23) Vinyl Acetate	5.958	43	1950969	260.981	ug/l	99
24) 1,1-Dichloroethane	5.915	63	464207	50.742	ug/l	98
25) 2-Butanone	6.890	43	325351	233.083	ug/l	99
26) 2,2-Dichloropropane	6.884	77	416585	49.626	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	341964	52.485	ug/l	97
28) Bromochloromethane	7.244	49	155146	45.427	ug/l	100
29) Tetrahydrofuran	7.262	42	200513	253.317	ug/l	99
30) Chloroform	7.421	83	513997	51.137	ug/l	98
31) Cyclohexane	7.701	56	378819	47.416	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	456112	49.934	ug/l	100
36) 1,1-Dichloropropene	7.835	75	348786	49.761	ug/l	99
37) Ethyl Acetate	6.982	43	138119	49.740	ug/l	98
38) Carbon Tetrachloride	7.817	117	413653	48.671	ug/l	99
39) Methylcyclohexane	9.109	83	456031	49.970	ug/l	99
40) Benzene	8.079	78	1107790	49.906	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	72100	48.008	ug/l	96
42) 1,2-Dichloroethane	8.158	62	282332	49.318	ug/l	99
43) Isopropyl Acetate	8.195	43	279887	50.548	ug/l	100
44) Trichloroethene	8.866	130	319131	49.120	ug/l	98
45) 1,2-Dichloropropane	9.140	63	246887	50.355	ug/l	100
46) Dibromomethane	9.231	93	157758	50.885	ug/l	98
47) Bromodichloromethane	9.420	83	393918	50.450	ug/l	99
48) Methyl methacrylate	9.219	41	128606	49.440	ug/l	95
49) 1,4-Dioxane	9.231	88	37356	1039.252	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	724992	253.421	ug/l	100
52) Toluene	10.170	92	743055	51.556	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	347336	51.160	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	413860	51.649	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	210245	50.430	ug/l	97
56) Ethyl methacrylate	10.438	69	256731	53.385	ug/l	99
57) 1,3-Dichloropropane	10.713	76	337673	51.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	586266	272.133	ug/l	100
59) 2-Hexanone	10.762	43	501877	245.480	ug/l	99
60) Dibromochloromethane	10.908	129	297946	50.974	ug/l	99
61) 1,2-Dibromoethane	11.018	107	201415	50.658	ug/l	100
64) Tetrachloroethene	10.646	164	382998	48.087	ug/l	99
65) Chlorobenzene	11.438	112	828466	49.381	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	296157	49.537	ug/l	99
67) Ethyl Benzene	11.518	91	1380691	50.841	ug/l	100
68) m/p-Xylenes	11.627	106	1108386	101.757	ug/l	100
69) o-Xylene	11.950	106	526954	51.577	ug/l	100
70) Styrene	11.969	104	875709	52.122	ug/l	100
71) Bromoform	12.133	173	185682	50.070	ug/l #	98
73) Isopropylbenzene	12.255	105	1345109	50.318	ug/l	100
74) N-amyl acetate	12.066	43	245291	51.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	217245	49.688	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	284532	79.505	ug/l #	100
77) Bromobenzene	12.530	156	352420	49.590	ug/l	99
78) n-propylbenzene	12.591	91	1568180	50.694	ug/l	100
79) 2-Chlorotoluene	12.676	91	906610	50.047	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1106664	51.231	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	67959	46.566	ug/l	97
82) 4-Chlorotoluene	12.773	91	941314	50.455	ug/l	100
83) tert-Butylbenzene	12.993	119	1037510	52.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1110672	51.520	ug/l	99
85) sec-Butylbenzene	13.176	105	1454774	50.848	ug/l	100
86) p-Isopropyltoluene	13.292	119	1263377	51.864	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	686854	49.632	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	671644	49.140	ug/l	100
89) n-Butylbenzene	13.615	91	1100086	51.829	ug/l	99
90) Hexachloroethane	13.877	117	257335	49.116	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	602989	49.698	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34928	48.687	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	386806	51.138	ug/l	100
94) Hexachlorobutadiene	15.023	225	236040	50.061	ug/l	99
95) Naphthalene	15.139	128	628190	52.154	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	335267	51.172	ug/l	100

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Response via : Initial Calibration

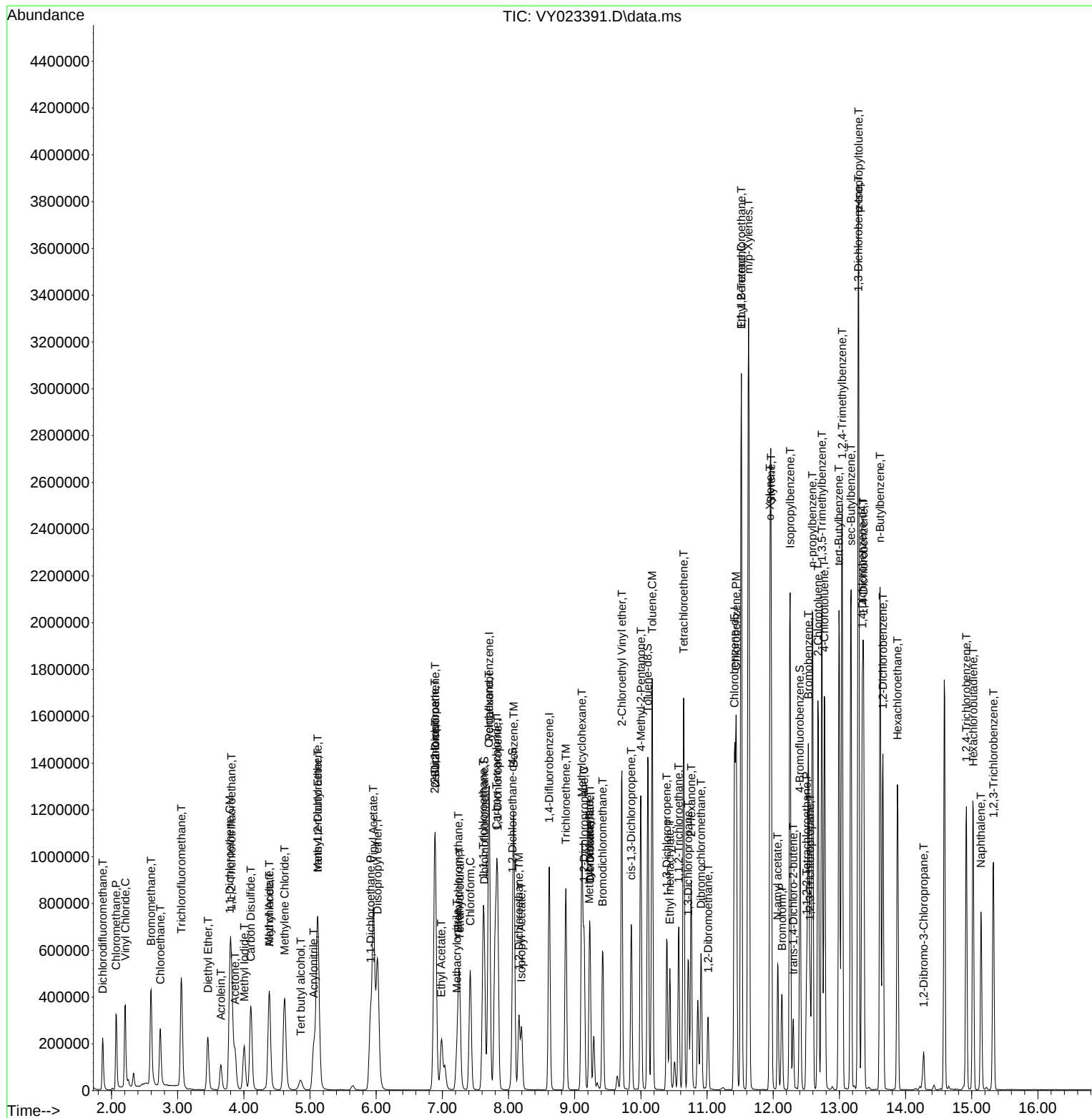
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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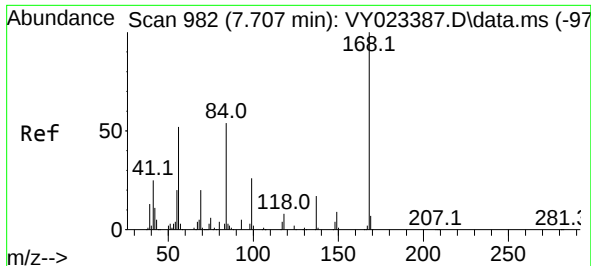
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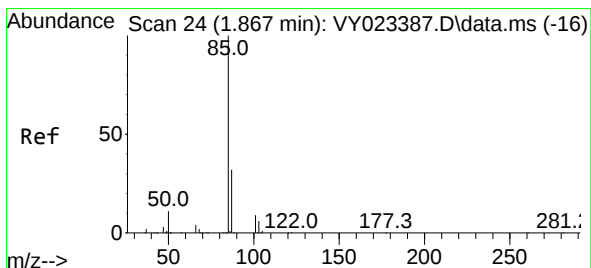
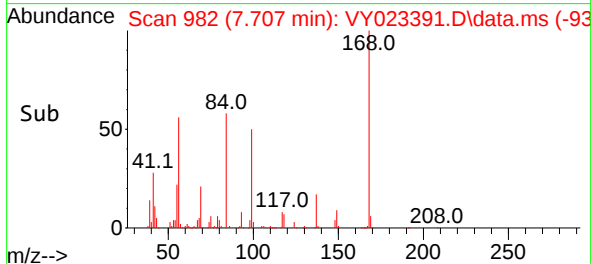
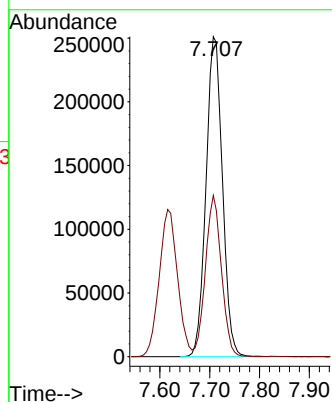
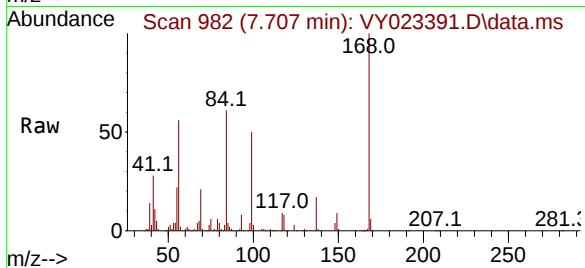




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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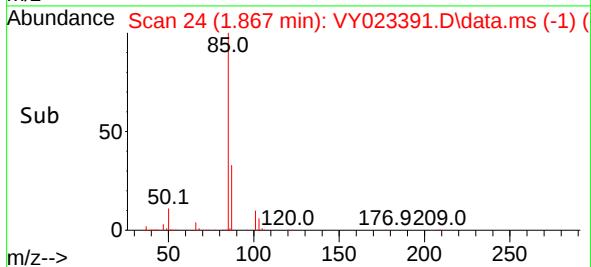
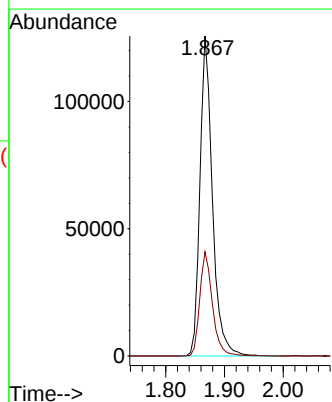
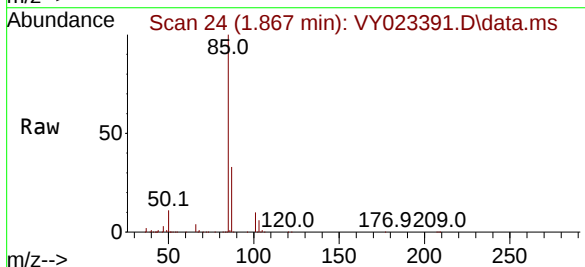
Instrument :
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Tgt Ion:168 Resp: 574332
Ion Ratio Lower Upper
168 100
99 50.4 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 44.916 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 85 Resp: 185683
Ion Ratio Lower Upper
85 100
87 32.6 16.0 47.9

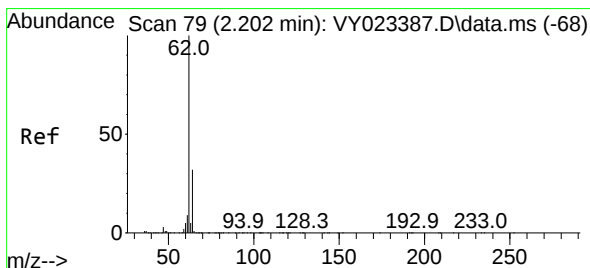
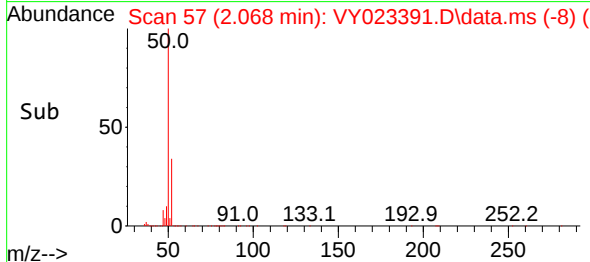
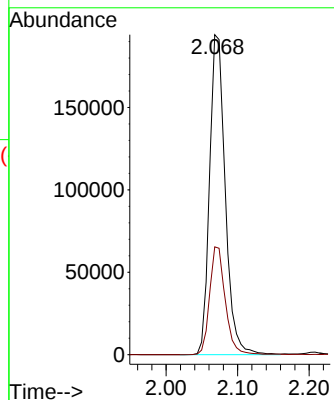
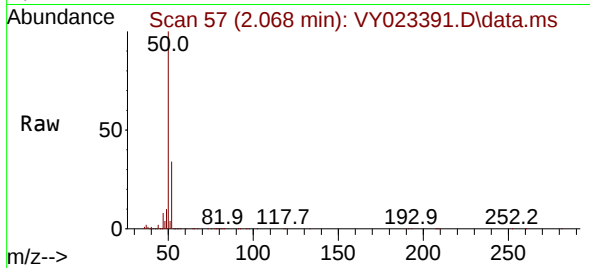




#3
Chloromethane
Concen: 52.519 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023391.D
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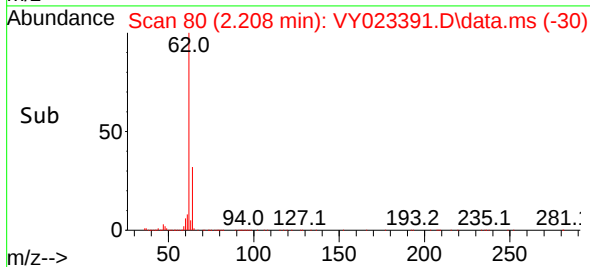
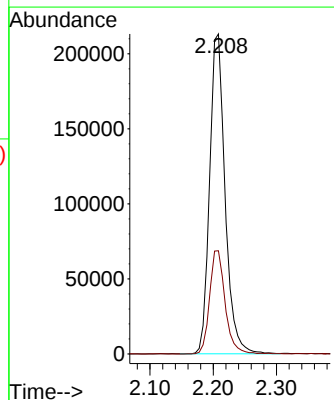
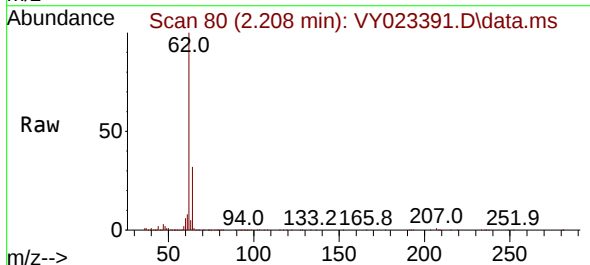
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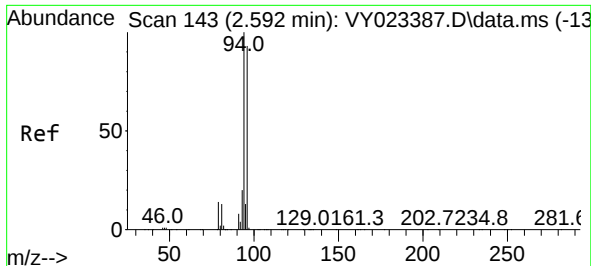
Tgt Ion: 50 Resp: 295766
Ion Ratio Lower Upper
50 100
52 33.7 26.2 39.2



#4
Vinyl Chloride
Concen: 49.449 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 62 Resp: 362714
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.8

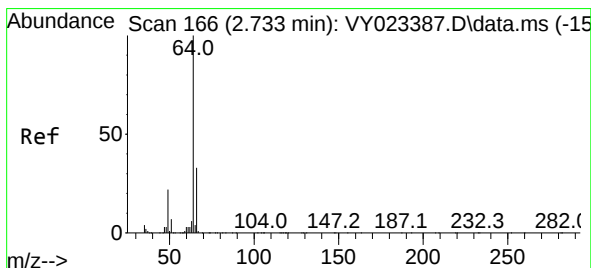
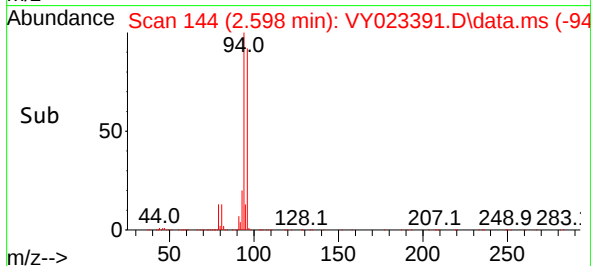
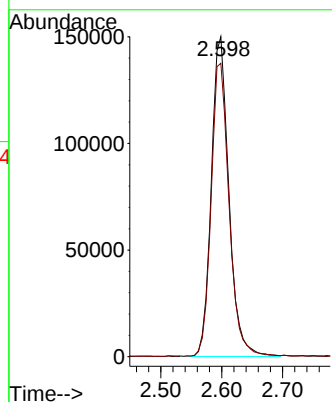
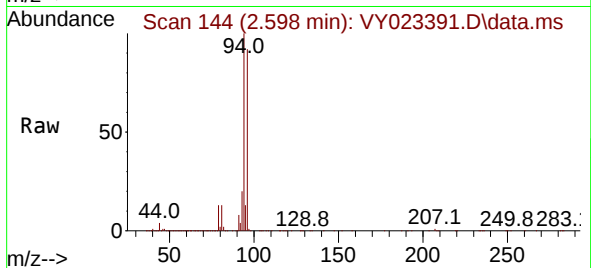




#5
Bromomethane
Concen: 48.856 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023391.D
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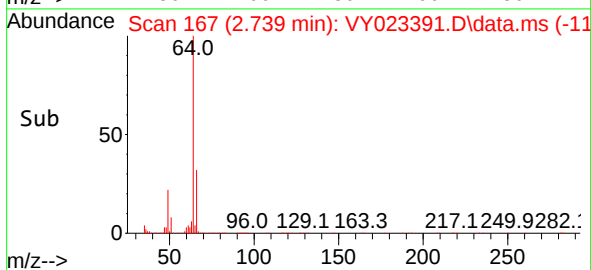
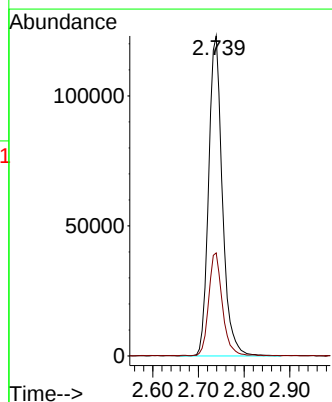
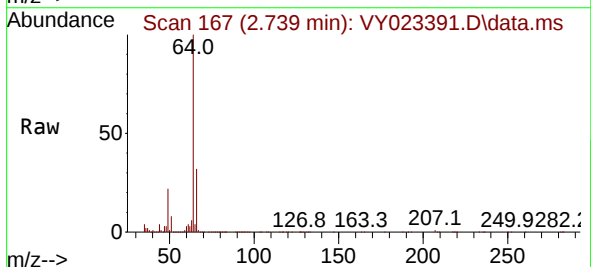
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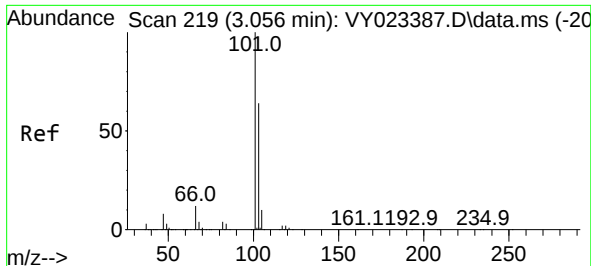
Tgt Ion: 94 Resp: 300735
Ion Ratio Lower Upper
94 100
96 91.5 74.5 111.7



#6
Chloroethane
Concen: 51.367 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023391.D
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Tgt Ion: 64 Resp: 256831
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4

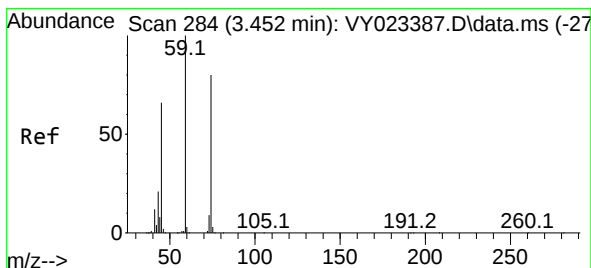
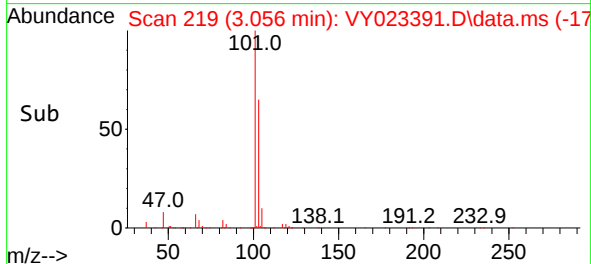
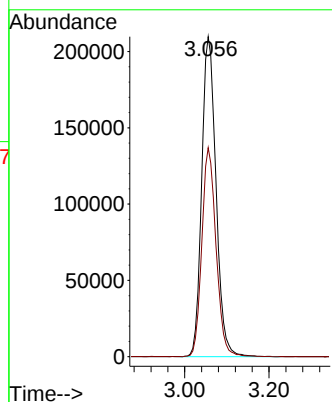
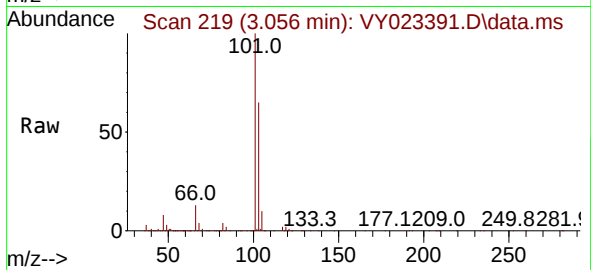




#7
Trichlorofluoromethane
Concen: 48.582 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY023391.D
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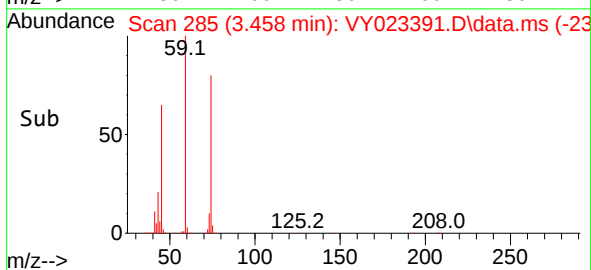
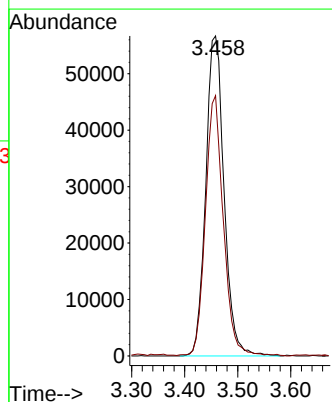
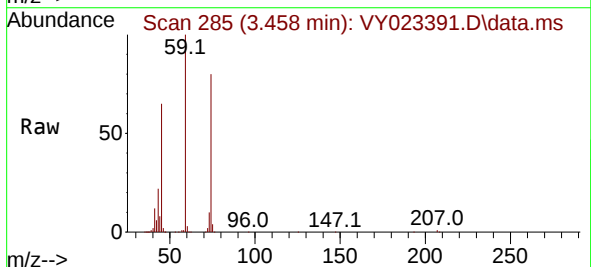
Instrument :
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Tgt Ion:101 Resp: 494789
Ion Ratio Lower Upper
101 100
103 65.3 51.3 76.9



#8
Diethyl Ether
Concen: 51.050 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 74 Resp: 135857
Ion Ratio Lower Upper
74 100
45 80.1 39.9 119.7

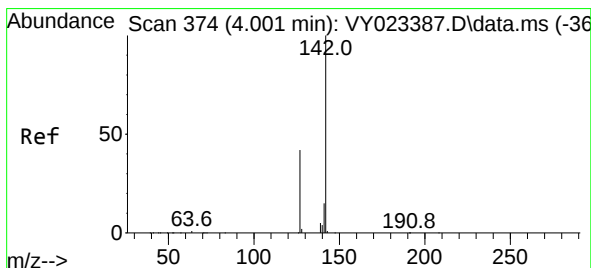
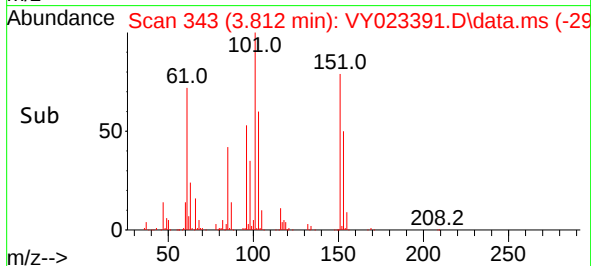
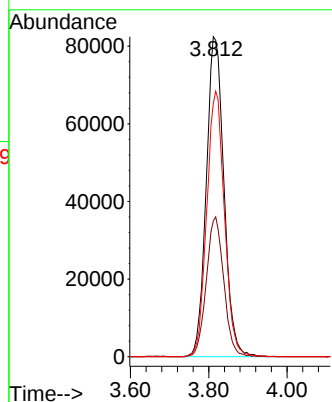
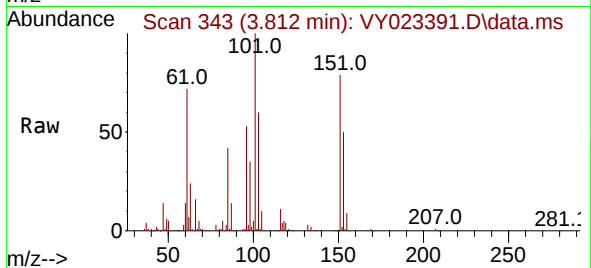




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.728 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

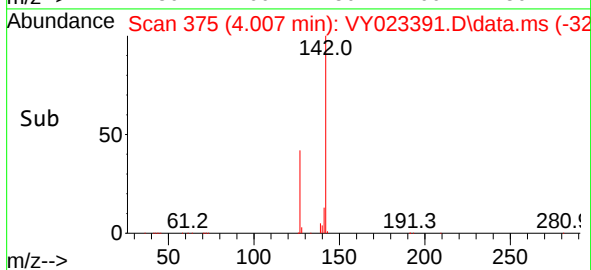
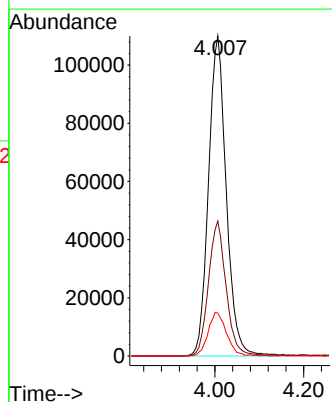
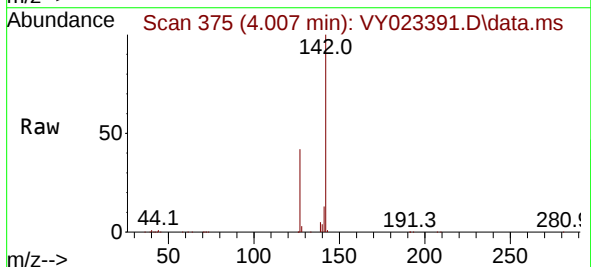
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

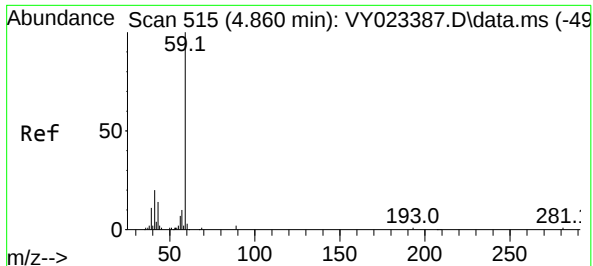
Tgt Ion:101 Resp: 257524
Ion Ratio Lower Upper
101 100
85 43.2 34.6 51.8
151 83.2 67.0 100.6



#10
Methyl Iodide
Concen: 51.875 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:142 Resp: 305209
Ion Ratio Lower Upper
142 100
127 41.8 34.8 52.2
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 231.079 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

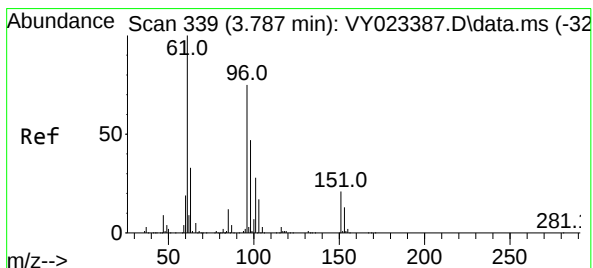
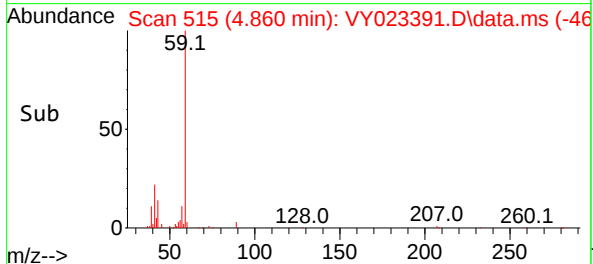
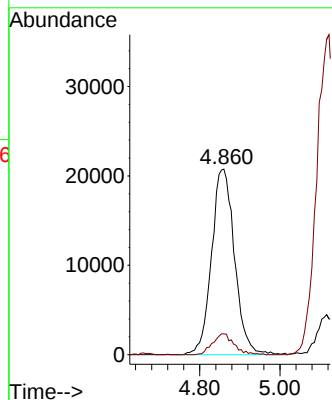
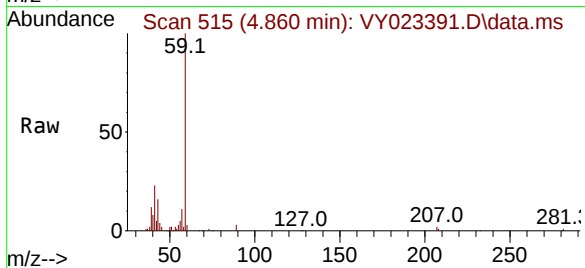
ICVVY100725

Tgt Ion: 59 Resp: 82562

Ion Ratio Lower Upper

59 100

57 10.5 8.3 12.5



#12

1,1-Dichloroethene

Concen: 49.653 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

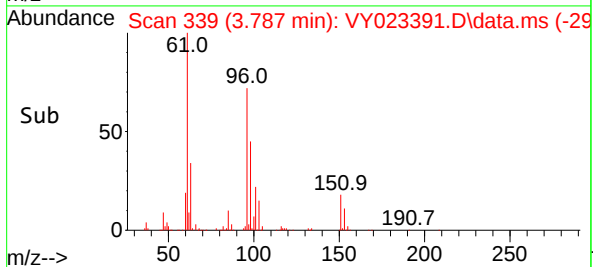
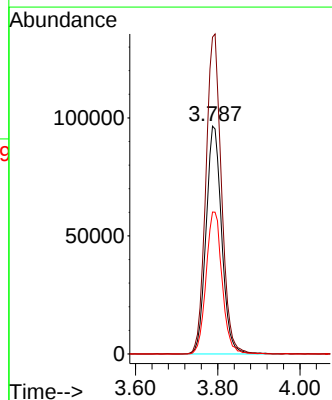
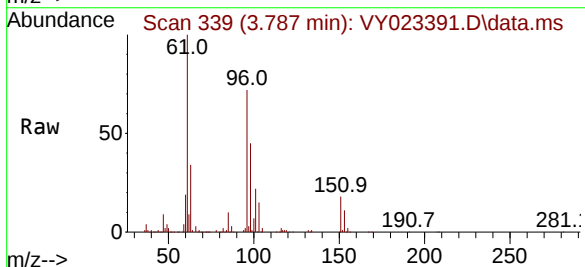
Tgt Ion: 96 Resp: 254382

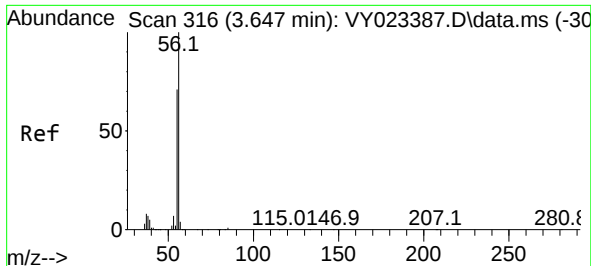
Ion Ratio Lower Upper

96 100

61 139.1 106.7 160.1

98 62.3 50.2 75.4

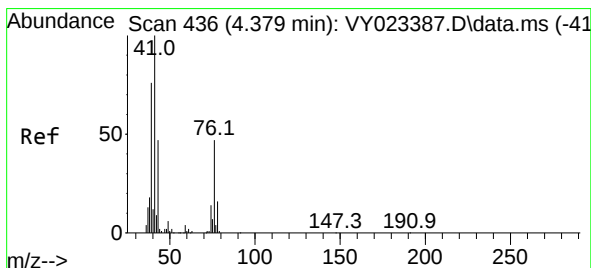
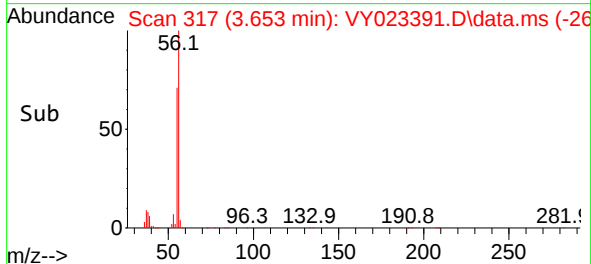
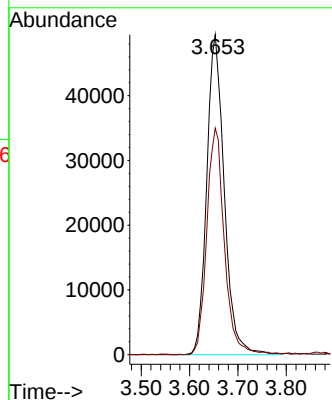
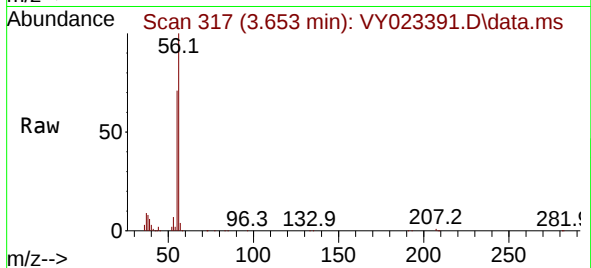




#13
Acrolein
Concen: 246.184 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

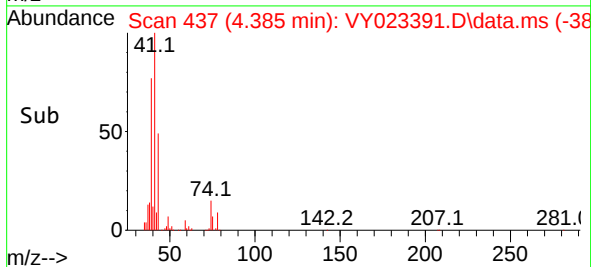
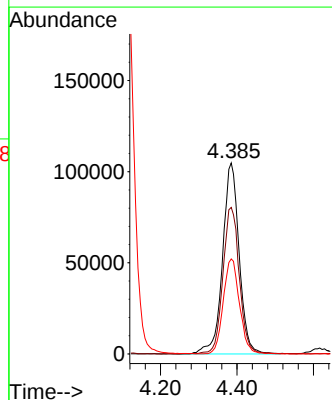
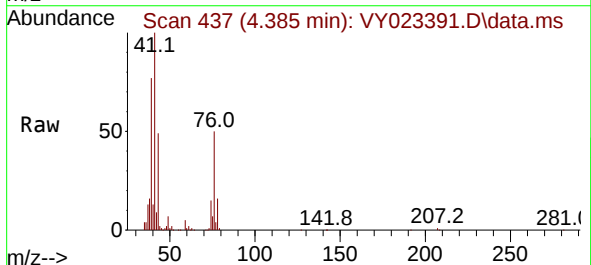
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

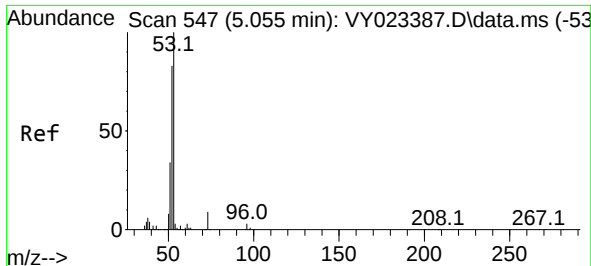
Tgt Ion: 56 Resp: 124288
Ion Ratio Lower Upper
56 100
55 71.1 56.1 84.1



#14
Allyl chloride
Concen: 50.645 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 41 Resp: 316213
Ion Ratio Lower Upper
41 100
39 76.2 59.9 89.9
76 48.1 38.0 57.0

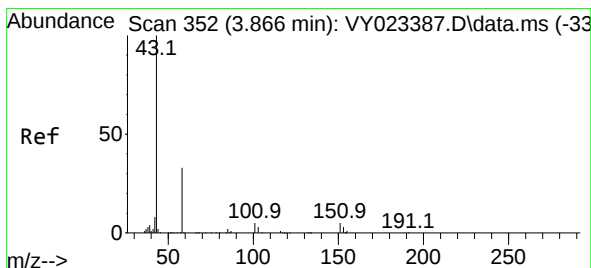
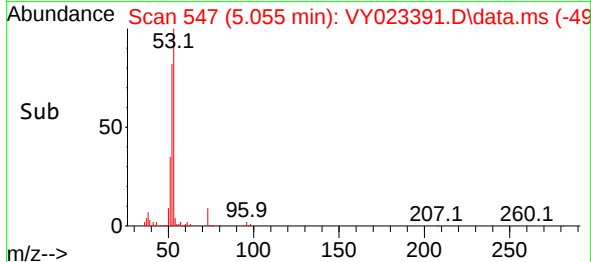
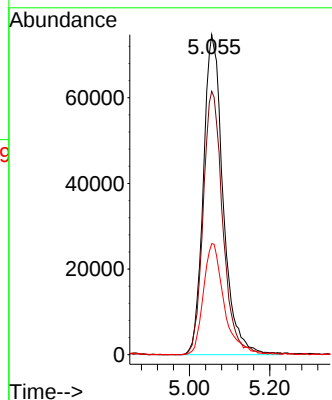
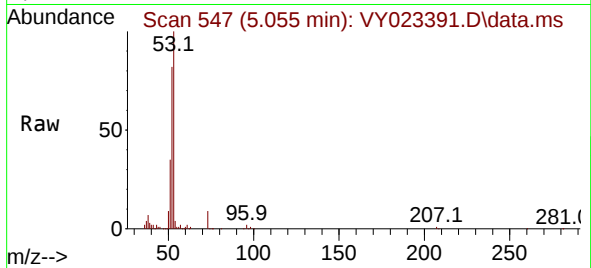




#15
Acrylonitrile
Concen: 251.575 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

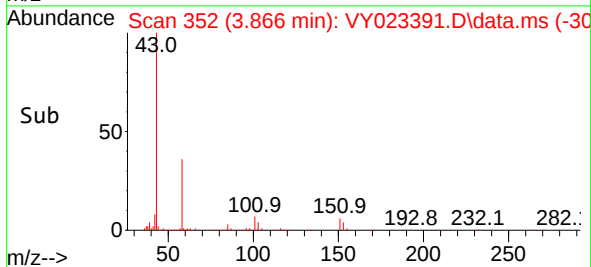
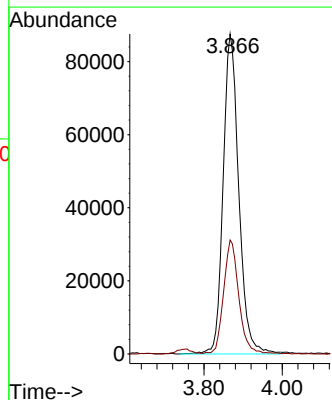
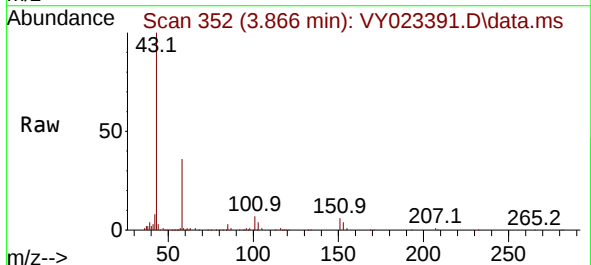
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

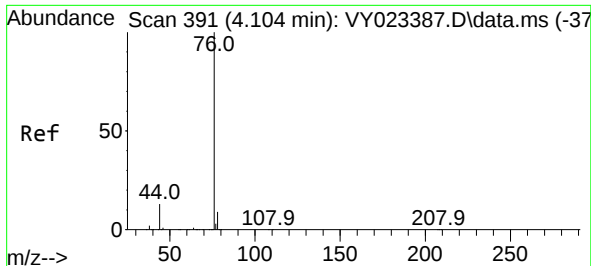
Tgt Ion: 53 Resp: 256219
Ion Ratio Lower Upper
53 100
52 81.7 64.6 97.0
51 36.4 29.5 44.3



#16
Acetone
Concen: 212.910 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 243433
Ion Ratio Lower Upper
43 100
58 35.5 27.7 41.5

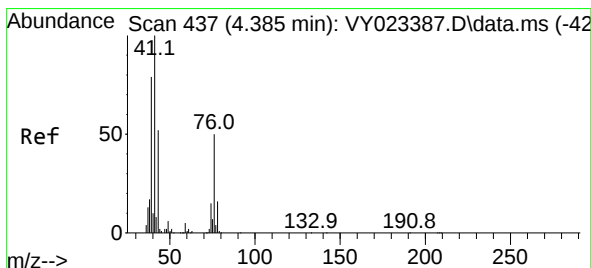
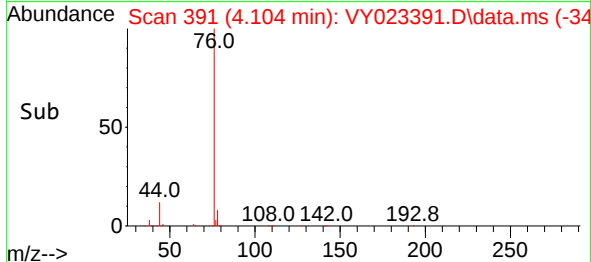
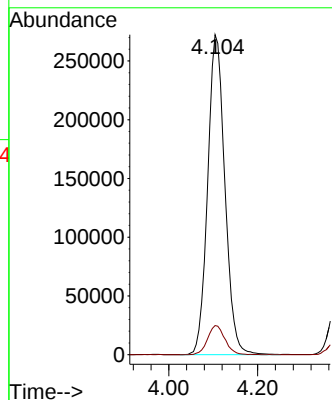
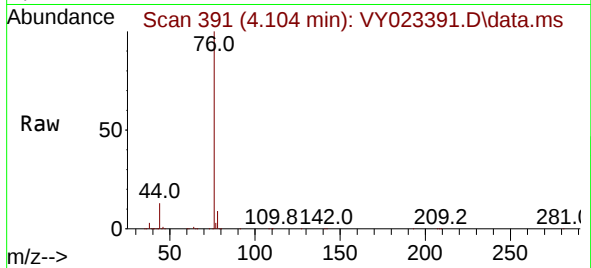




#17
Carbon Disulfide
Concen: 50.021 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

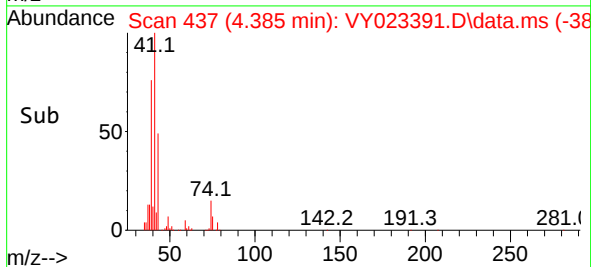
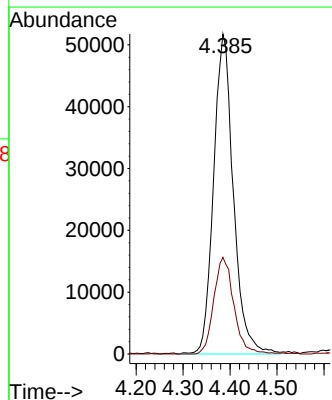
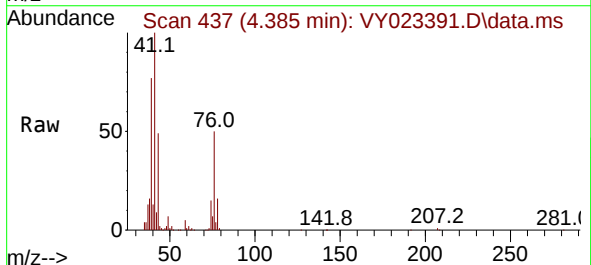
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 76 Resp: 733457
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 50.439 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 151281
Ion Ratio Lower Upper
43 100
74 30.5 24.2 36.4

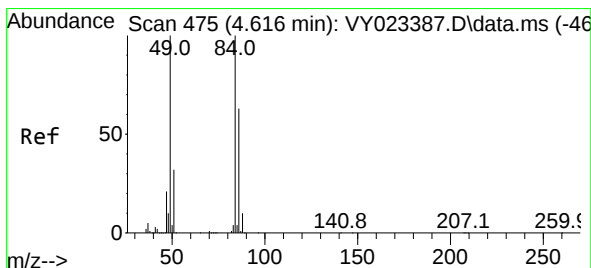
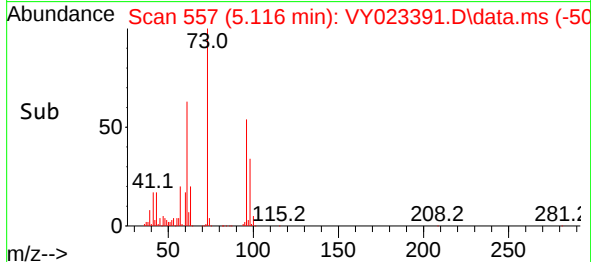
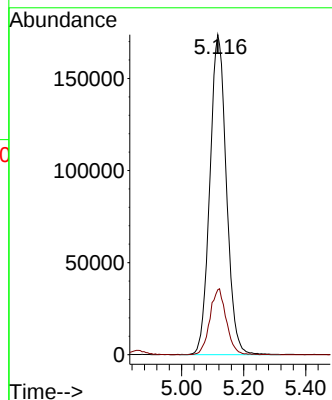
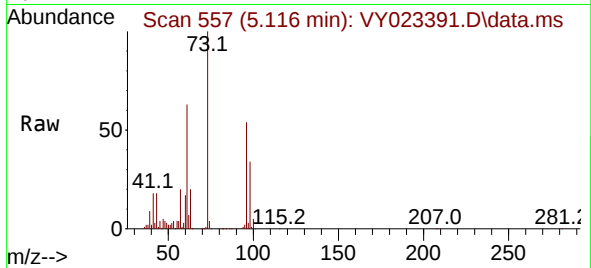




#19
Methyl tert-butyl Ether
Concen: 52.230 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

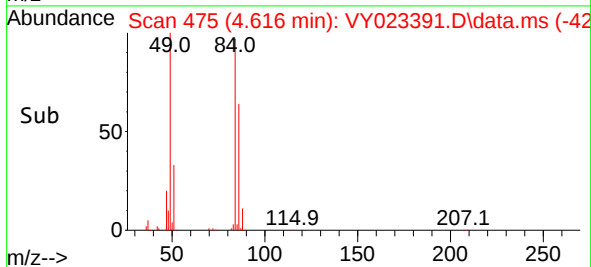
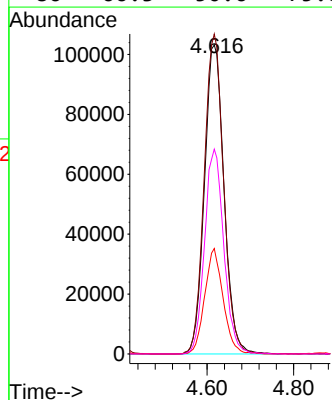
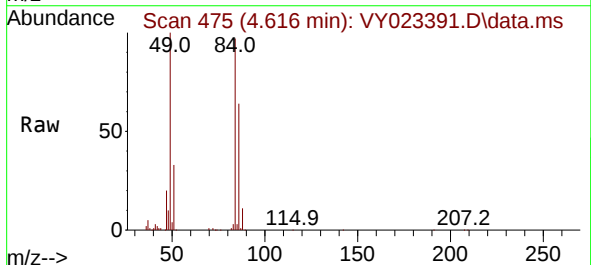
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

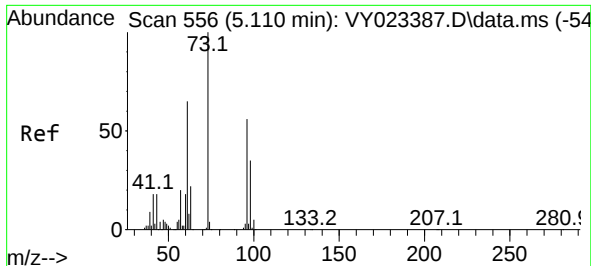
Tgt Ion: 73 Resp: 643111
Ion Ratio Lower Upper
73 100
57 20.3 17.4 26.0



#20
Methylene Chloride
Concen: 52.503 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 84 Resp: 324604
Ion Ratio Lower Upper
84 100
49 103.5 80.2 120.4
51 34.1 25.9 38.9
86 66.3 50.6 75.8

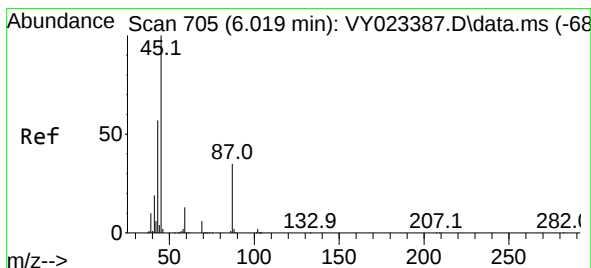
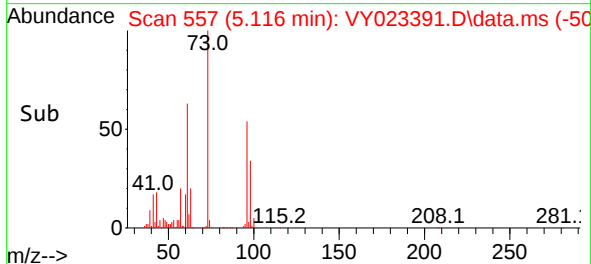
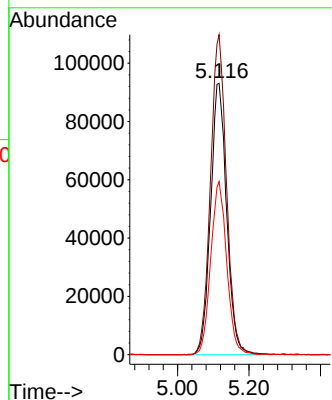
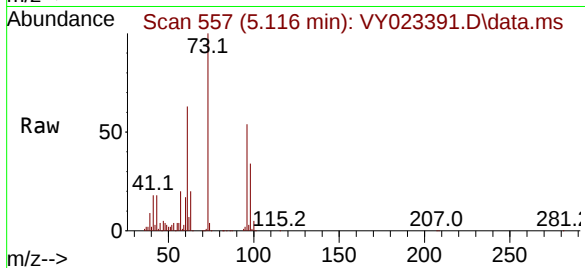




#21
trans-1,2-Dichloroethene
Concen: 51.482 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

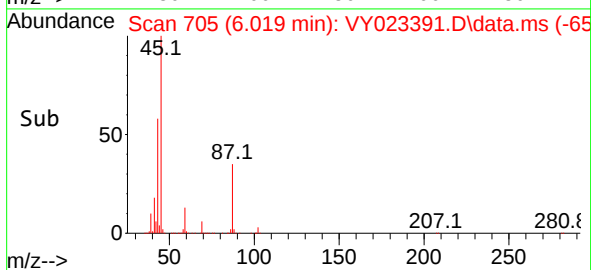
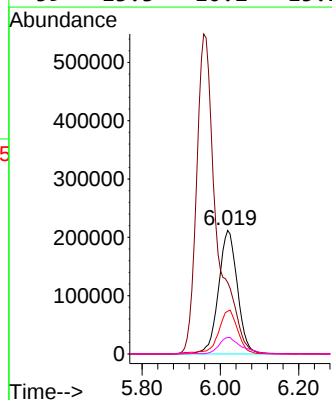
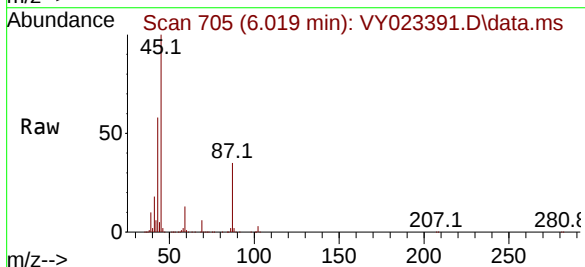
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 96 Resp: 290384
Ion Ratio Lower Upper
96 100
61 117.9 92.7 139.1
98 63.8 49.7 74.5



#22
Diisopropyl ether
Concen: 51.364 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 45 Resp: 709381
Ion Ratio Lower Upper
45 100
43 57.4 45.6 68.4
87 34.6 28.1 42.1
59 13.3 10.2 15.2

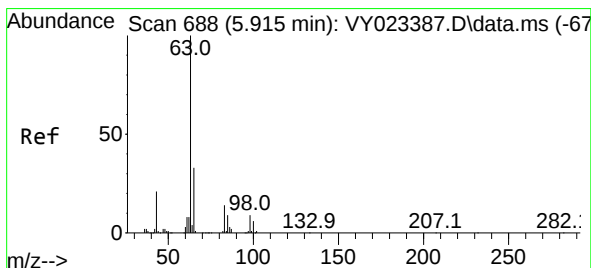
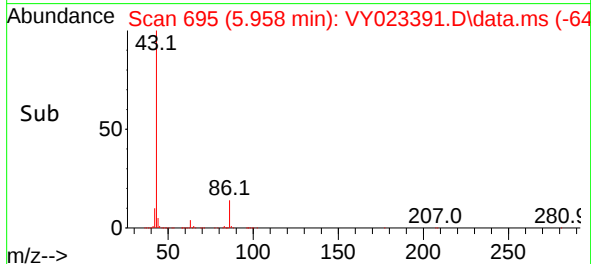
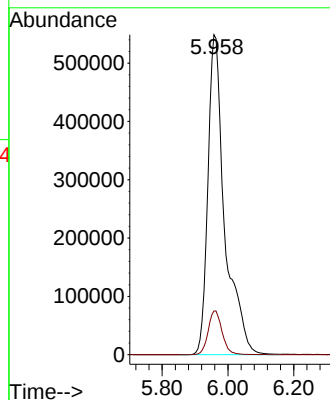
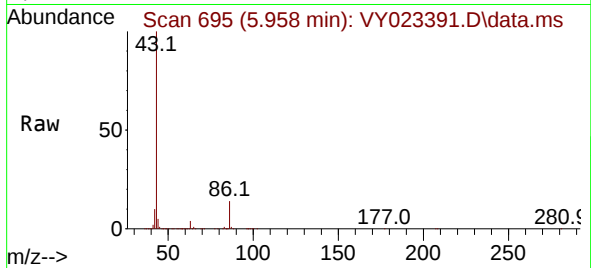




#23
 Vinyl Acetate
 Concen: 260.981 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY023391.D
 Acq: 07 Oct 2025 14:12

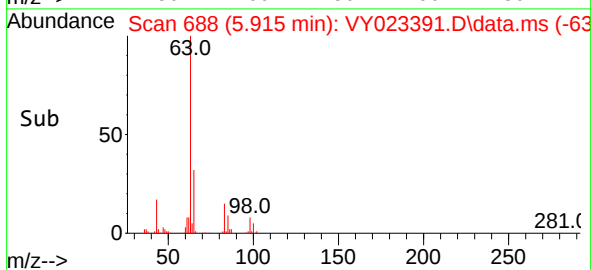
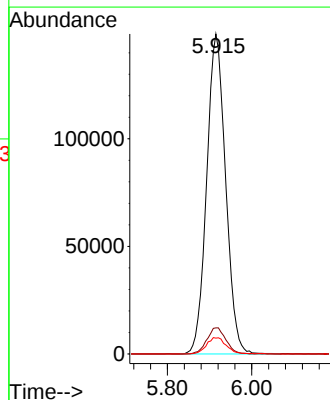
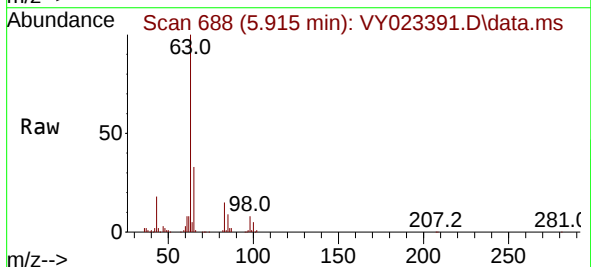
Instrument :
 MSVOA_Y
 ClientSampleId :
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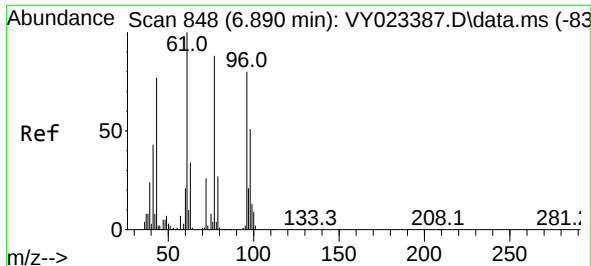
Tgt Ion: 43 Resp: 1950969
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 50.742 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023391.D
 Acq: 07 Oct 2025 14:12

Tgt Ion: 63 Resp: 464207
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.3 13.1
 100 5.0 2.8 8.4





#25

2-Butanone

Concen: 233.083 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

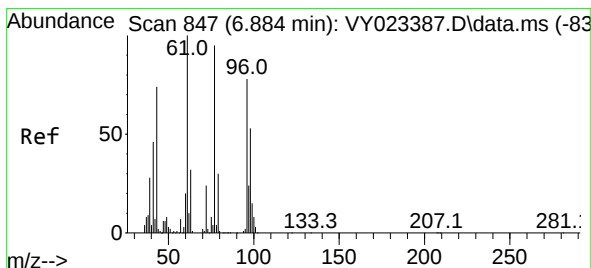
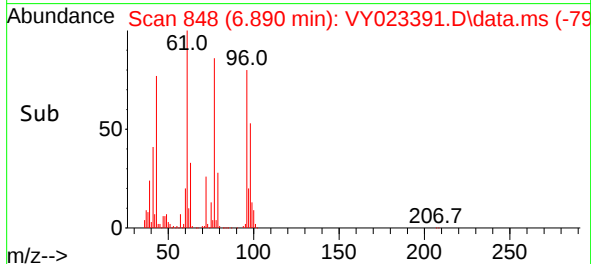
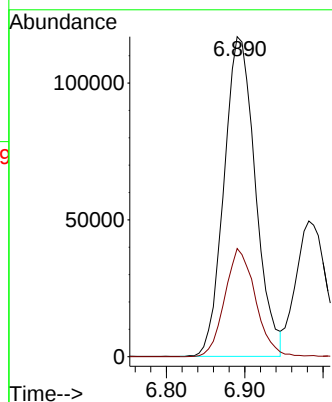
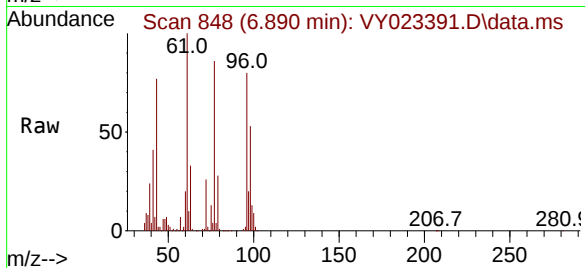
ICVVY100725

Tgt Ion: 43 Resp: 325351

Ion Ratio Lower Upper

43 100

72 33.8 27.4 41.2



#26

2,2-Dichloropropane

Concen: 49.626 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023391.D

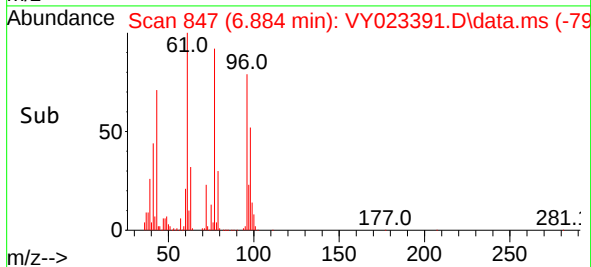
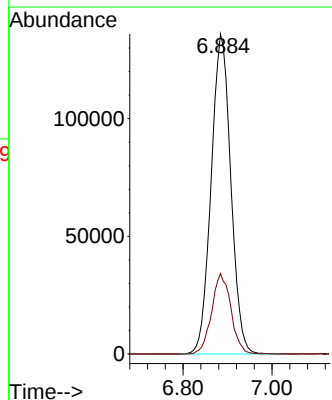
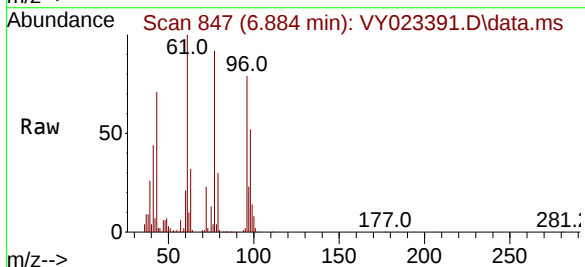
Acq: 07 Oct 2025 14:12

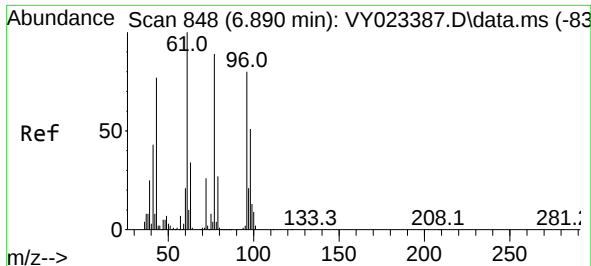
Tgt Ion: 77 Resp: 416585

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 52.485 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100725

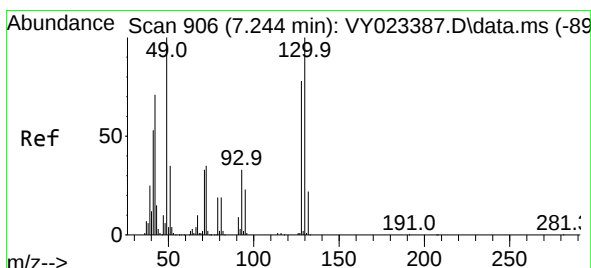
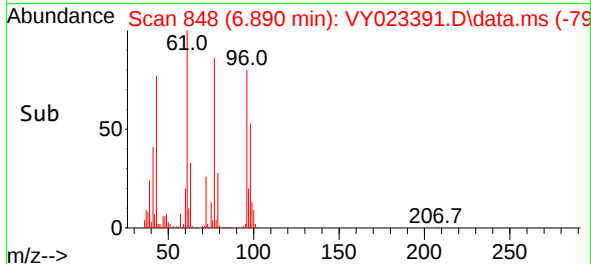
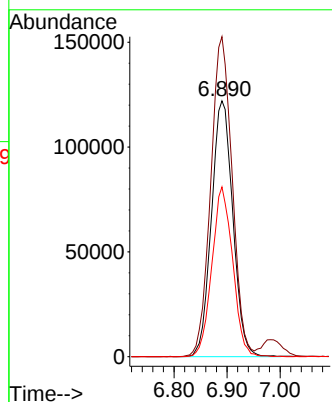
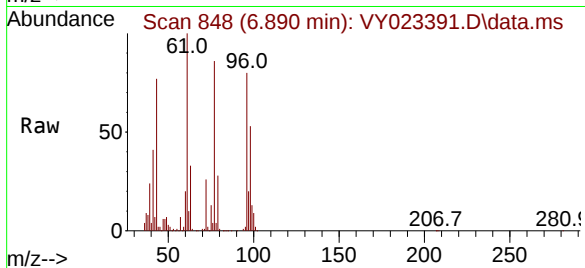
Tgt Ion: 96 Resp: 341964

Ion Ratio Lower Upper

96 100

61 125.5 0.0 258.2

98 64.3 0.0 132.0



#28

Bromochloromethane

Concen: 45.427 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

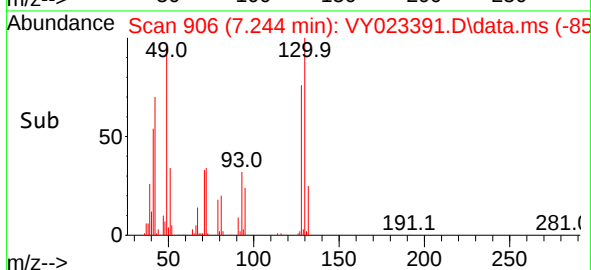
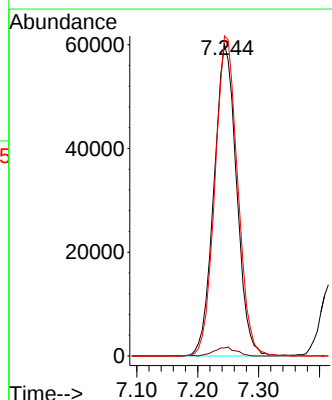
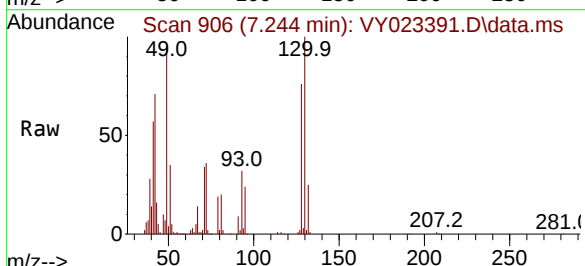
Tgt Ion: 49 Resp: 155146

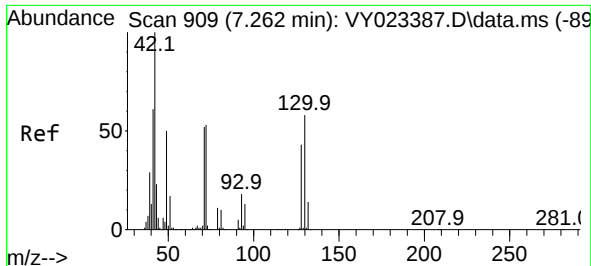
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.6

130 102.6 81.9 122.9

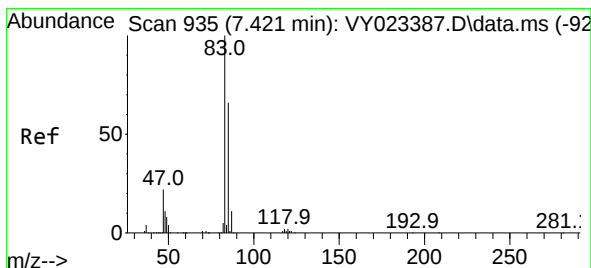
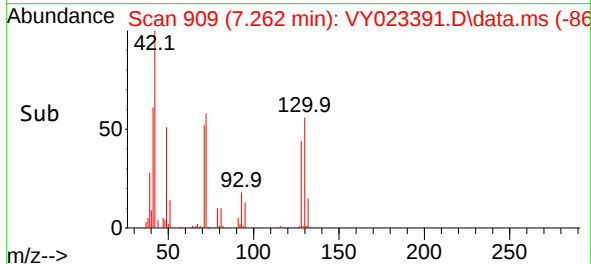
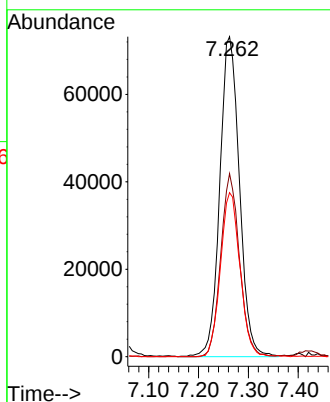
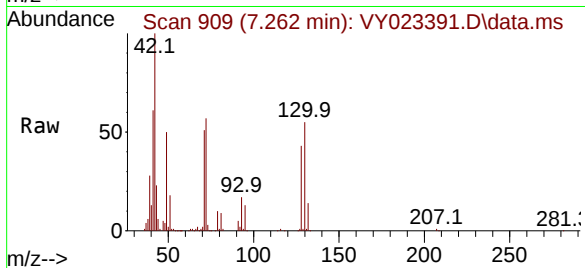




#29
Tetrahydrofuran
Concen: 253.317 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

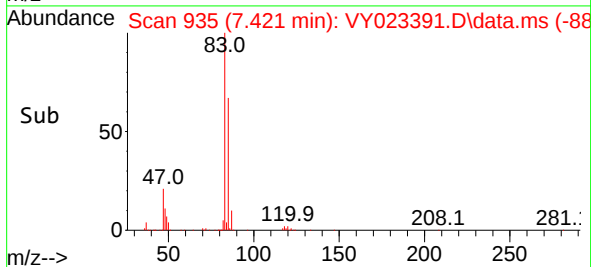
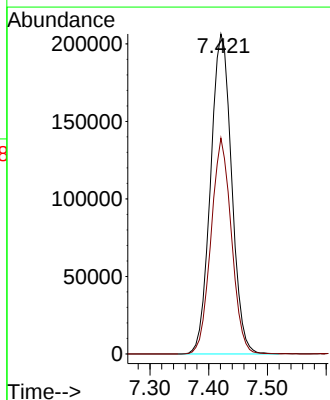
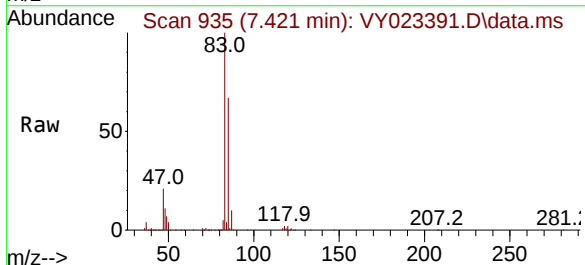
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 42 Resp: 200513
Ion Ratio Lower Upper
42 100
72 54.6 43.0 64.6
71 51.1 40.1 60.1



#30
Chloroform
Concen: 51.137 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 83 Resp: 513997
Ion Ratio Lower Upper
83 100
85 67.5 52.5 78.7

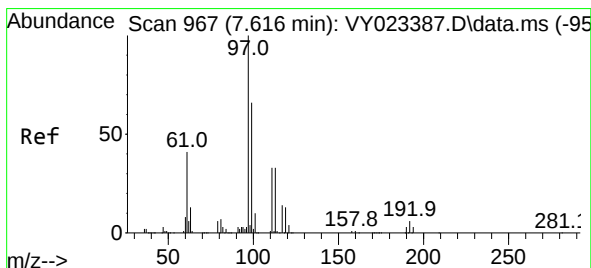
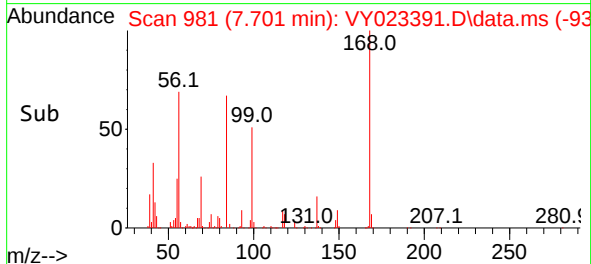
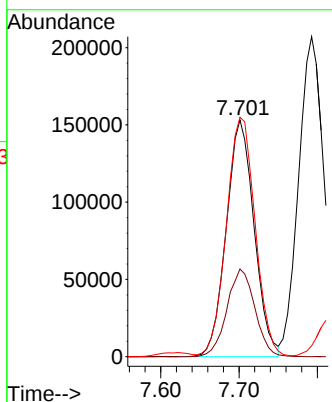
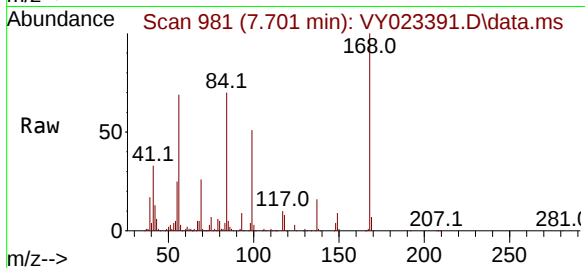




#31
Cyclohexane
Concen: 47.416 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

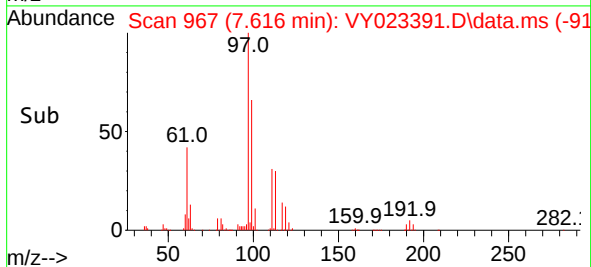
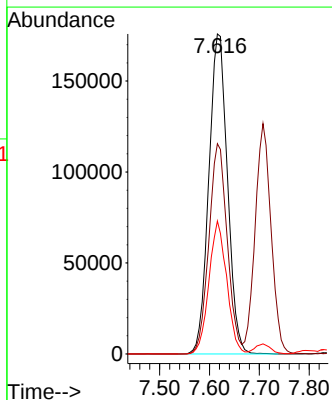
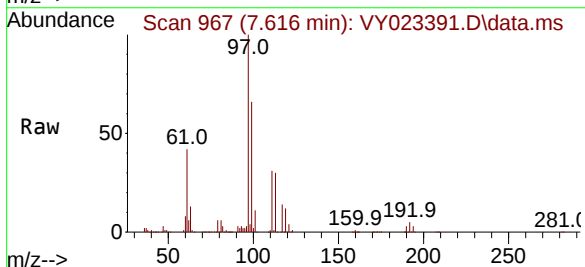
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

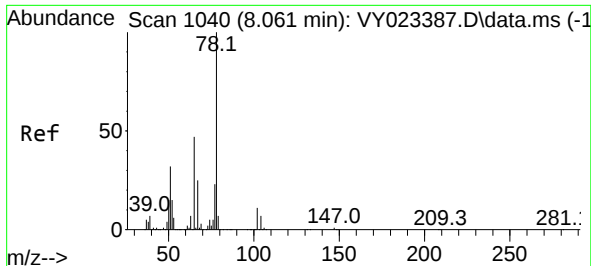
Tgt Ion: 56 Resp: 378819
Ion Ratio Lower Upper
56 100
69 37.1 30.0 45.0
84 99.4 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 49.934 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 97 Resp: 456112
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 39.8 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 49.450 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

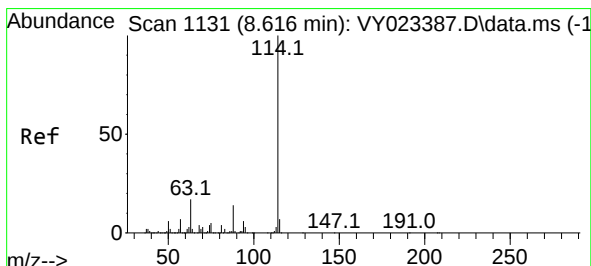
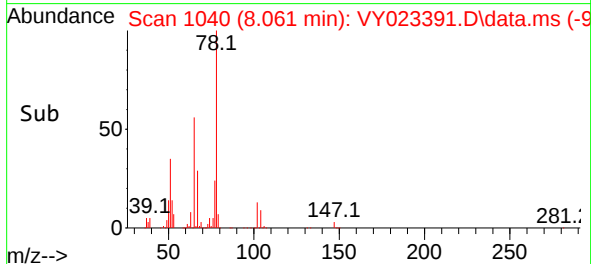
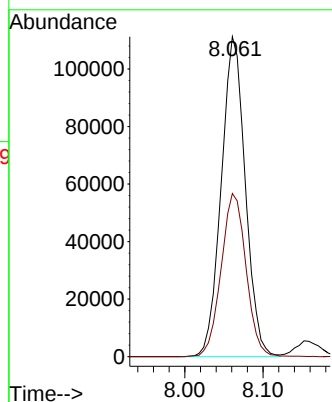
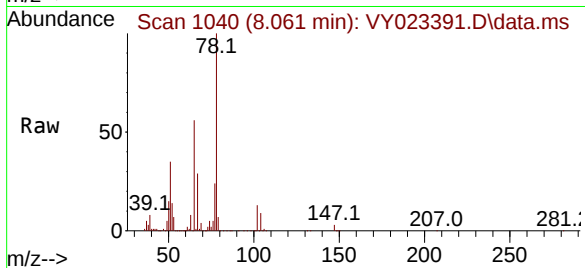
ICVY100725

Tgt Ion: 65 Resp: 237493

Ion Ratio Lower Upper

65 100

67 52.8 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: VY023391.D

Acq: 07 Oct 2025 14:12

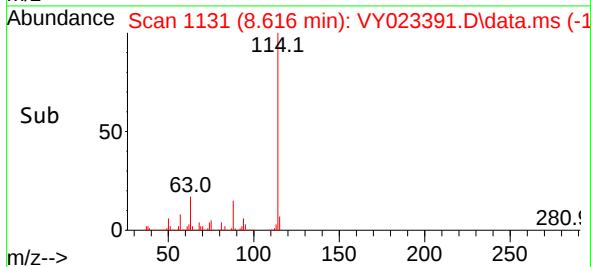
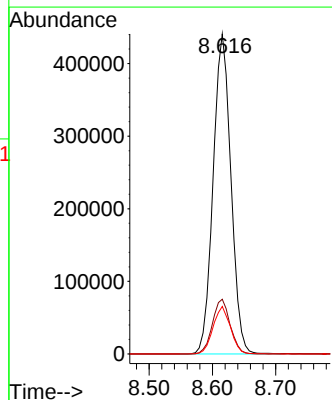
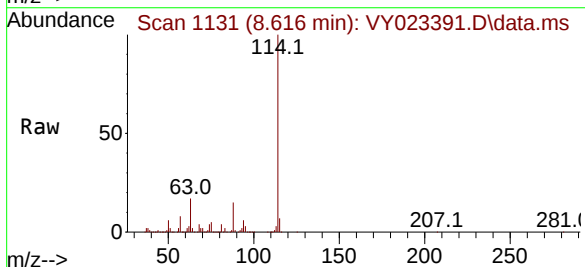
Tgt Ion: 114 Resp: 861639

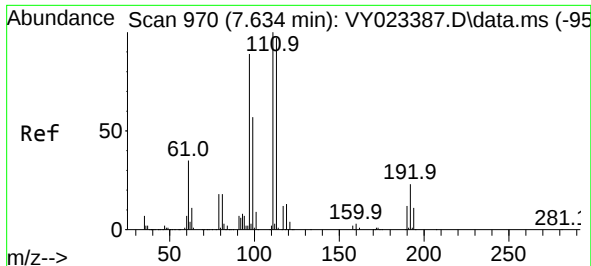
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.2

88 14.9 0.0 28.4

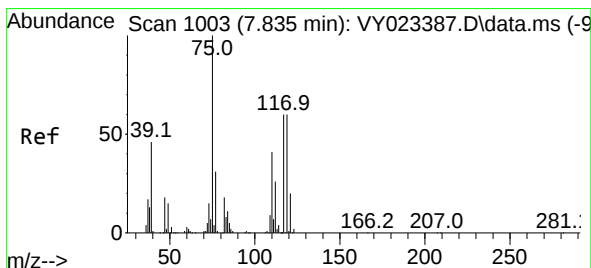
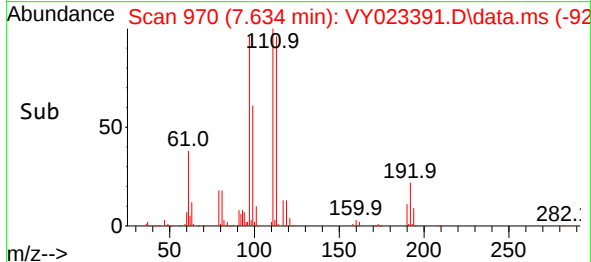
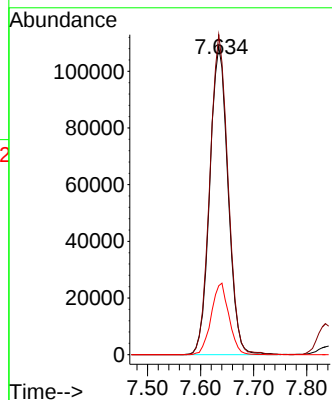
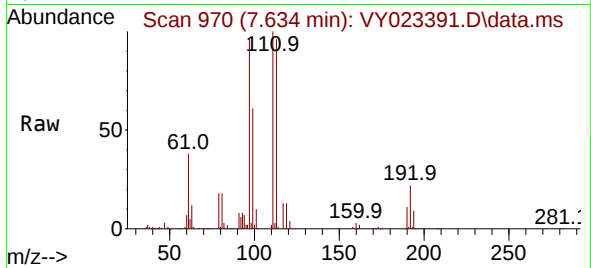




#35
Dibromofluoromethane
Concen: 49.116 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

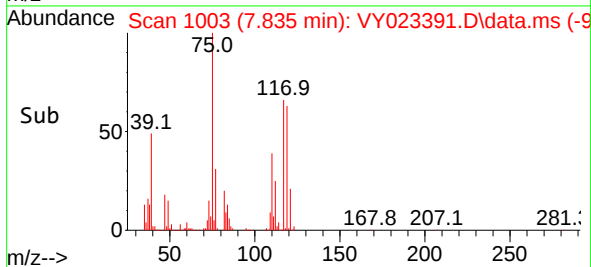
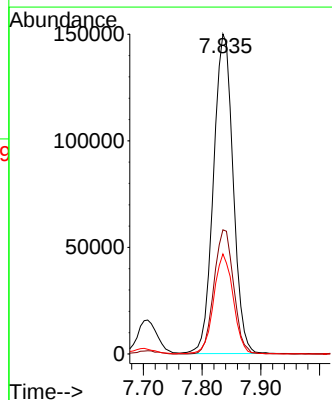
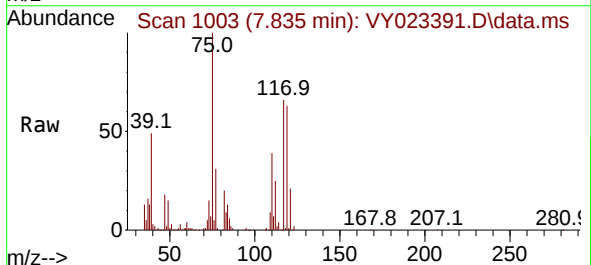
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

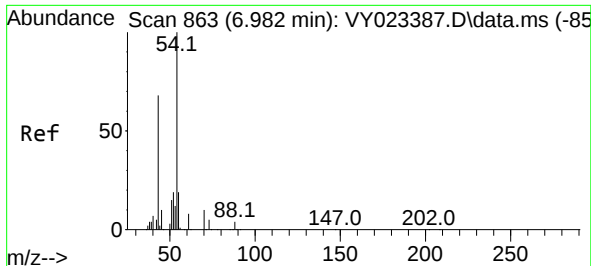
Tgt Ion:113 Resp: 260038
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 22.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 49.761 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 348786
Ion Ratio Lower Upper
75 100
110 38.9 19.9 59.7
77 31.0 25.0 37.6





#37

Ethyl Acetate

Concen: 49.740 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100725

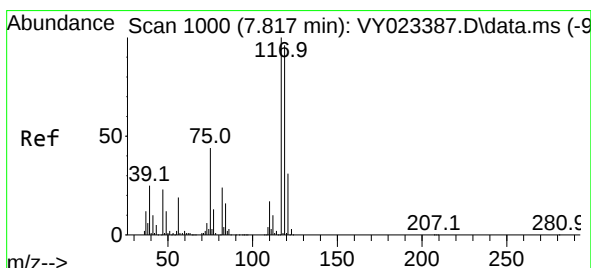
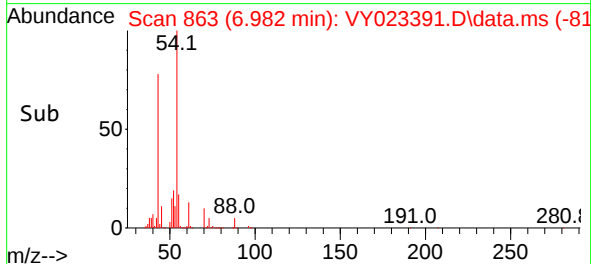
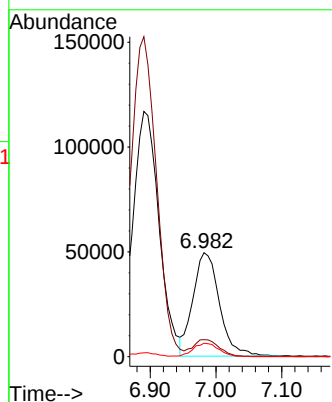
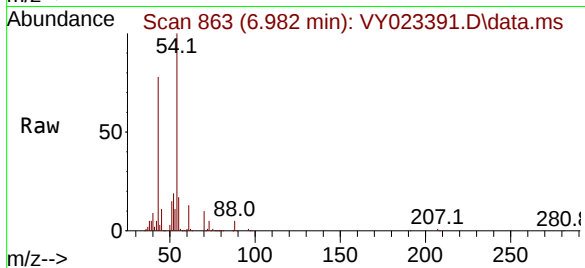
Tgt Ion: 43 Resp: 138119

Ion Ratio Lower Upper

43 100

61 15.8 11.8 17.8

70 12.7 10.5 15.7



#38

Carbon Tetrachloride

Concen: 48.671 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

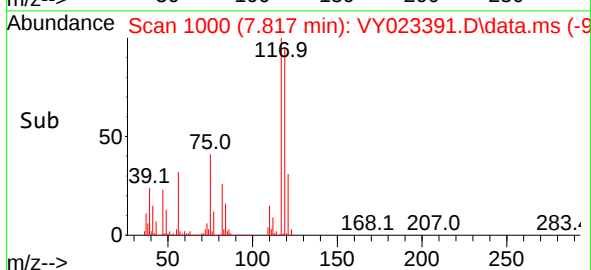
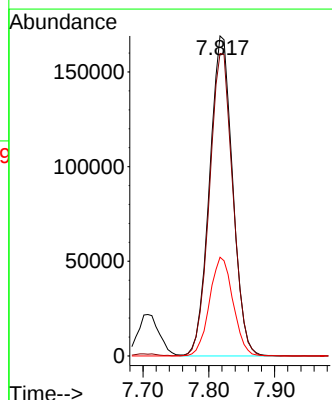
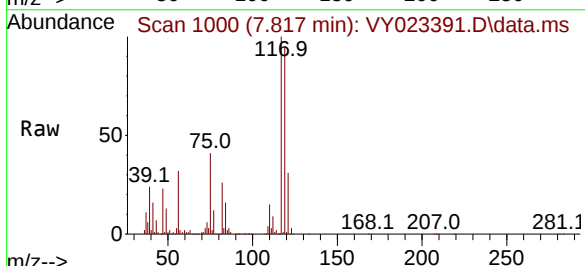
Tgt Ion: 117 Resp: 413653

Ion Ratio Lower Upper

117 100

119 94.5 76.8 115.2

121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 49.970 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100725

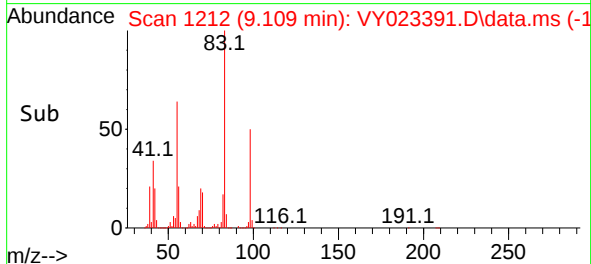
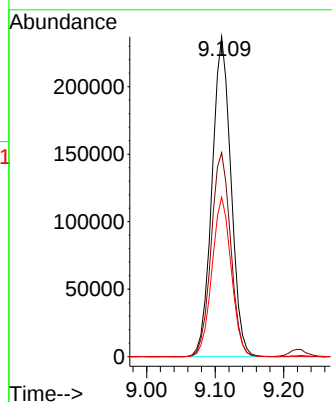
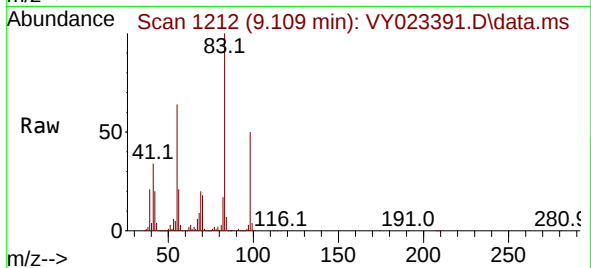
Tgt Ion: 83 Resp: 456031

Ion Ratio Lower Upper

83 100

55 63.8 51.4 77.2

98 49.9 40.4 60.6



#40

Benzene

Concen: 49.906 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023391.D

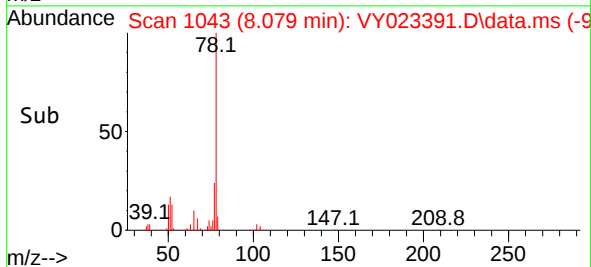
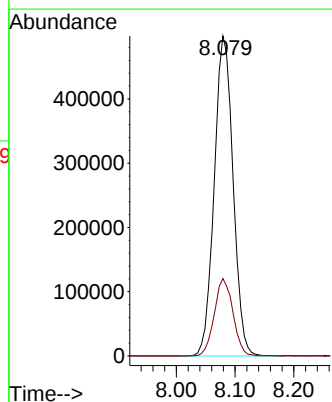
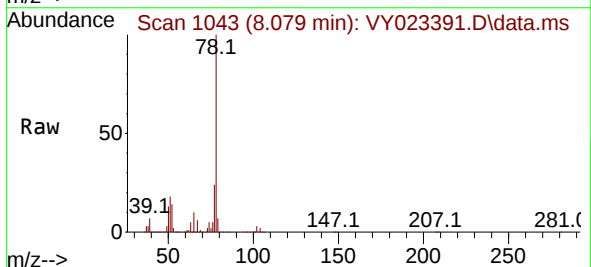
Acq: 07 Oct 2025 14:12

Tgt Ion: 78 Resp: 1107790

Ion Ratio Lower Upper

78 100

77 24.2 18.3 27.5

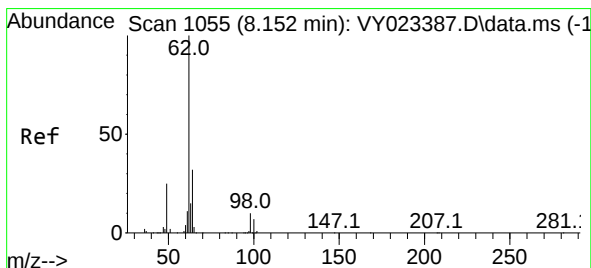
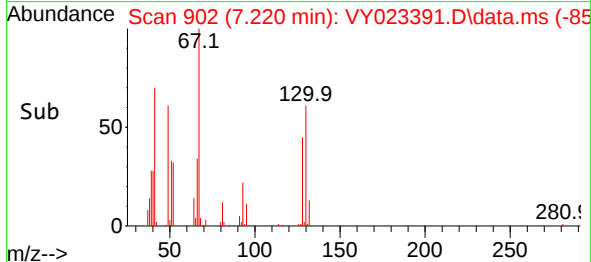
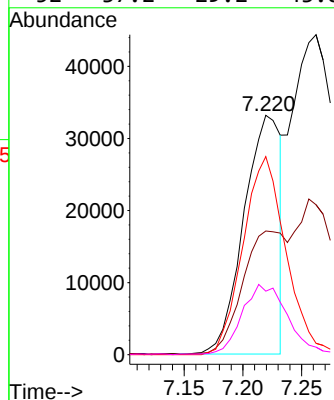
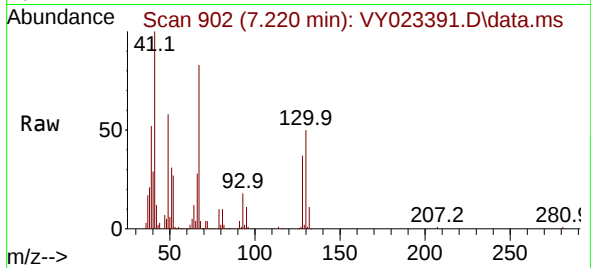




#41
Methacrylonitrile
Concen: 48.008 ug/l
RT: 7.220 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

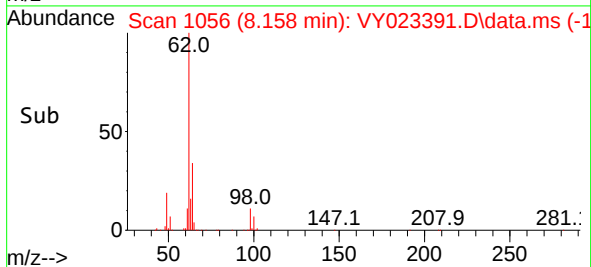
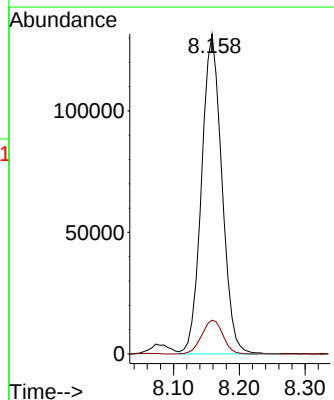
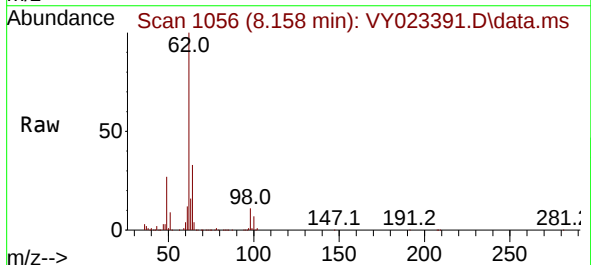
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

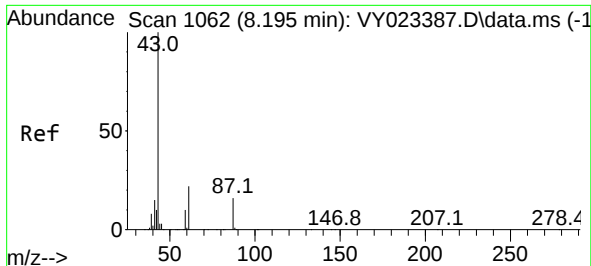
Tgt Ion: 41 Resp: 72100
Ion Ratio Lower Upper
41 100
39 62.2 52.2 78.4
67 97.9 74.9 112.3
52 37.2 29.2 43.8



#42
1,2-Dichloroethane
Concen: 49.318 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 62 Resp: 282332
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.6

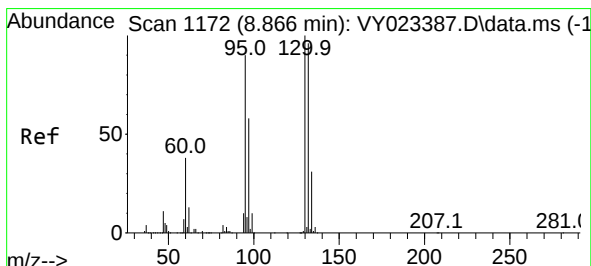
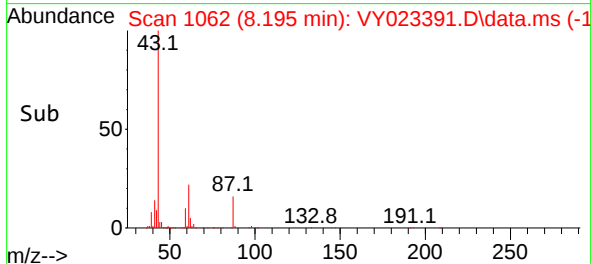
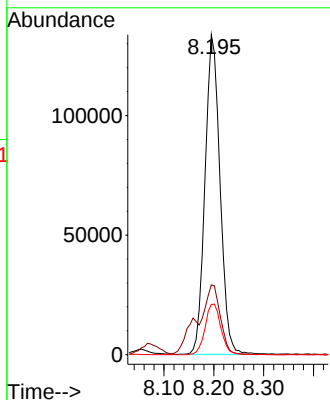
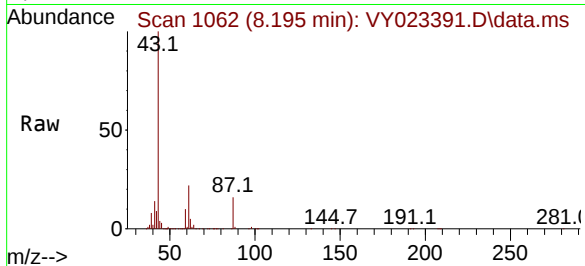




#43
Isopropyl Acetate
Concen: 50.548 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

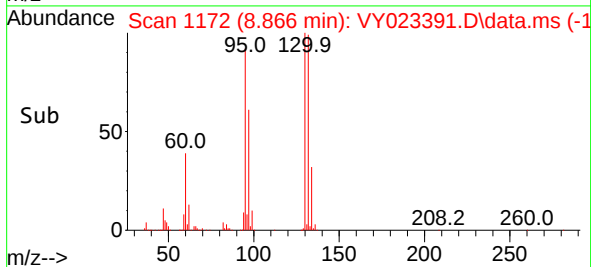
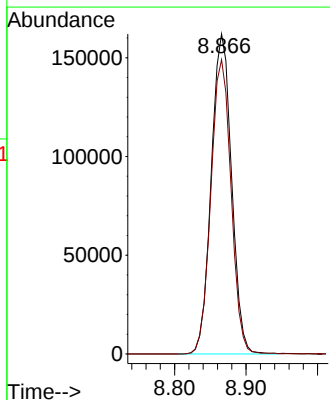
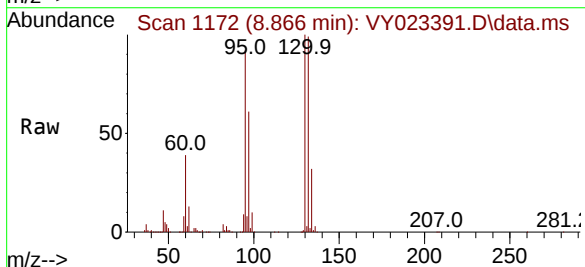
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

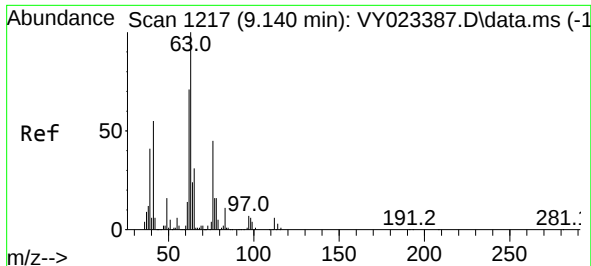
Tgt Ion: 43 Resp: 279887
Ion Ratio Lower Upper
43 100
61 22.8 18.1 27.1
87 16.7 13.5 20.3



#44
Trichloroethene
Concen: 49.120 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:130 Resp: 319131
Ion Ratio Lower Upper
130 100
95 91.9 0.0 180.6





#45

1,2-Dichloropropane

Concen: 50.355 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

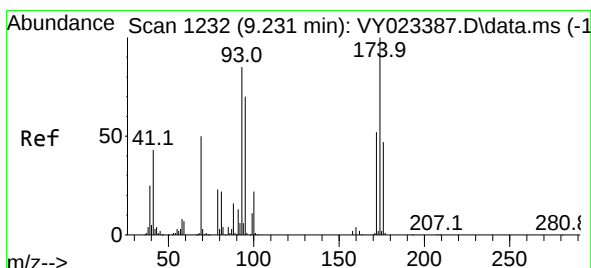
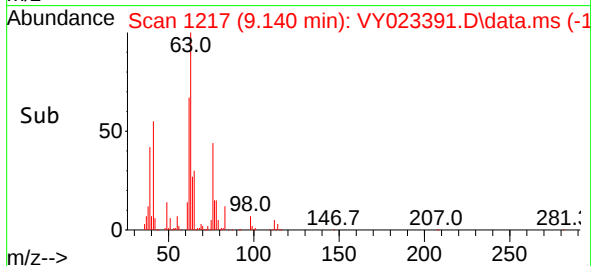
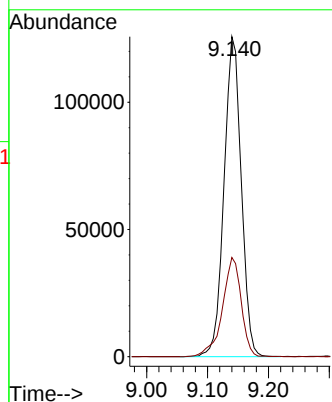
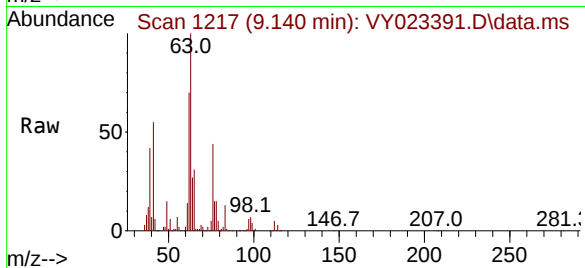
ICVVY100725

Tgt Ion: 63 Resp: 246887

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 50.885 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

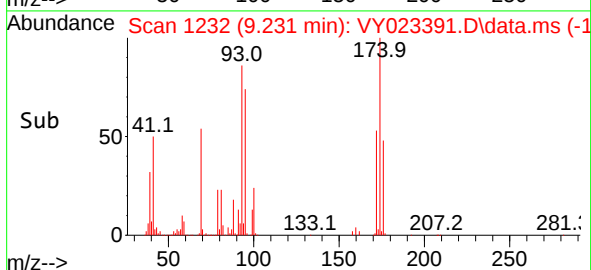
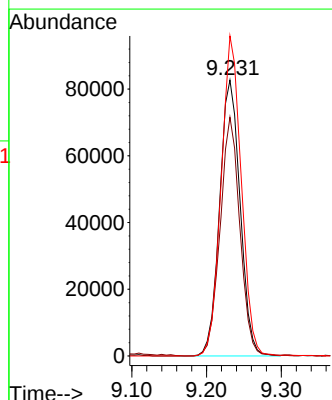
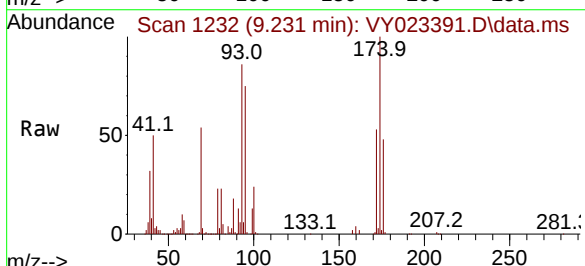
Tgt Ion: 93 Resp: 157758

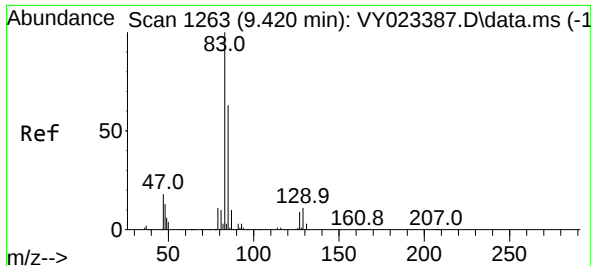
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.0

174 113.9 92.9 139.3

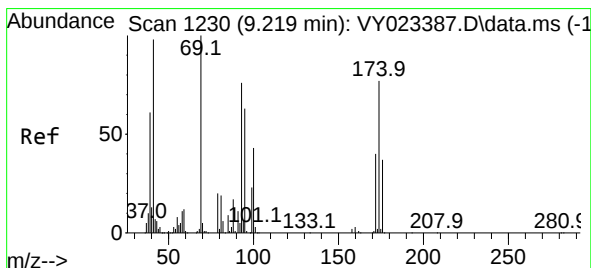
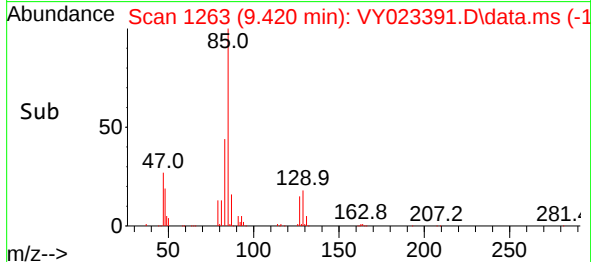
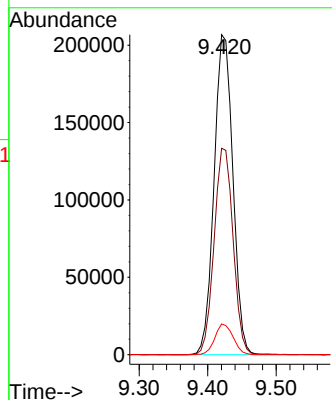
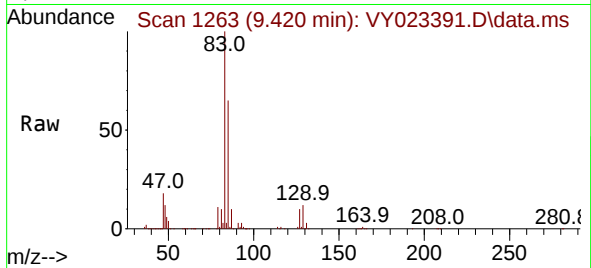




#47
Bromodichloromethane
Concen: 50.450 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

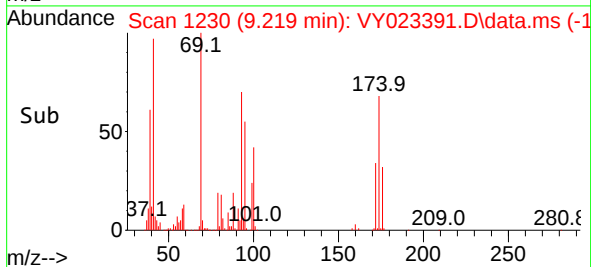
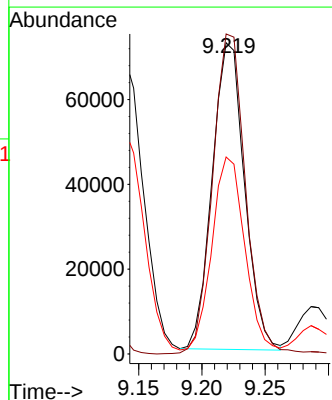
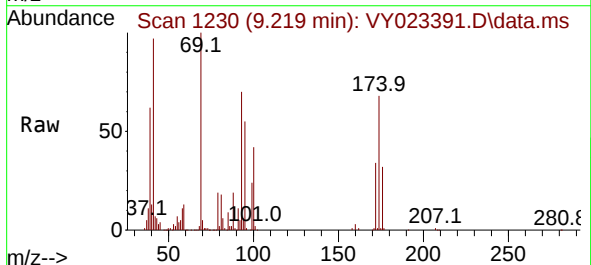
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

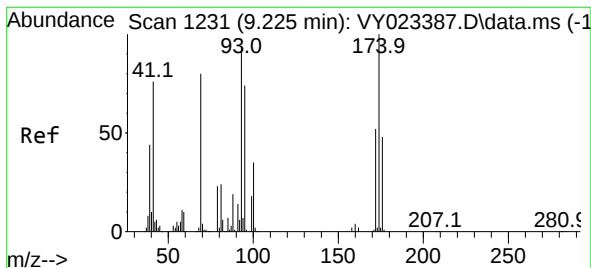
Tgt Ion: 83 Resp: 393918
Ion Ratio Lower Upper
83 100
85 64.5 50.8 76.2
127 9.6 7.4 11.2



#48
Methyl methacrylate
Concen: 49.440 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 41 Resp: 128606
Ion Ratio Lower Upper
41 100
69 106.6 81.0 121.4
39 63.5 48.2 72.4





#49

1,4-Dioxane

Concen: 1039.252 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100725

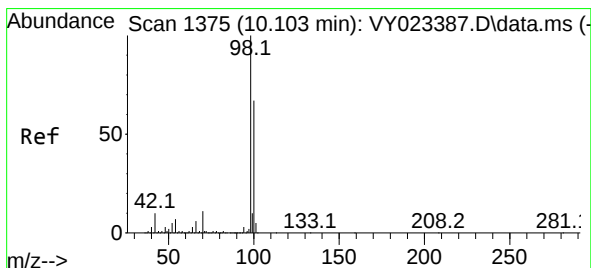
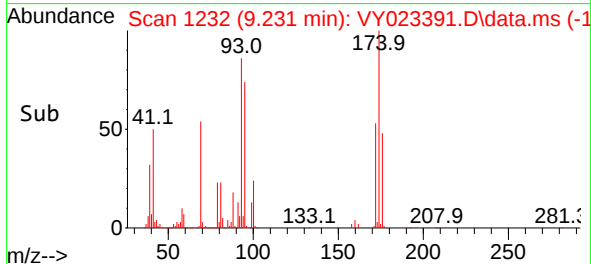
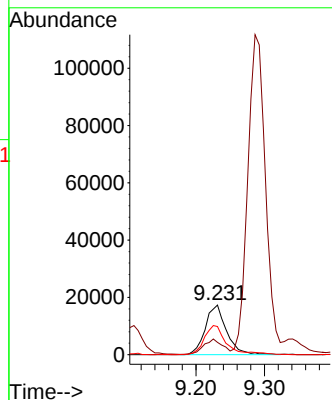
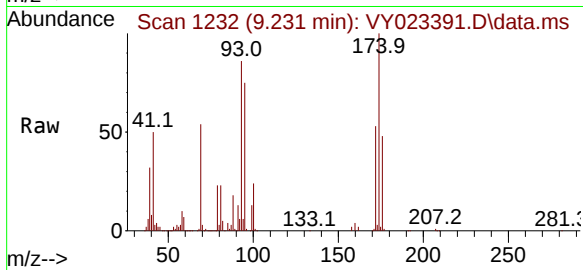
Tgt Ion: 88 Resp: 37356

Ion Ratio Lower Upper

88 100

43 27.4 21.8 32.8

58 61.4 46.8 70.2



#50

Toluene-d8

Concen: 49.228 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023391.D

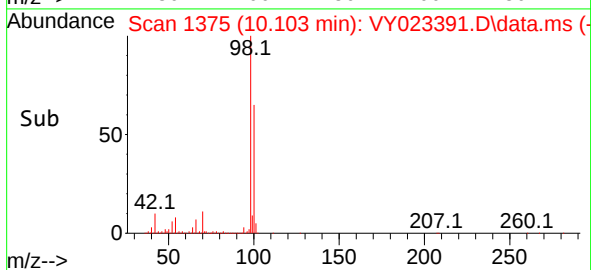
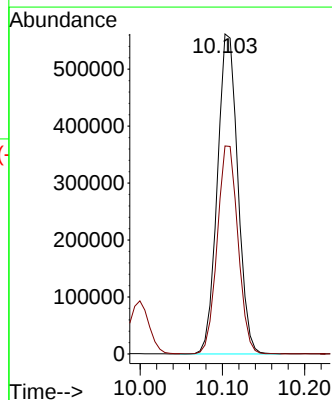
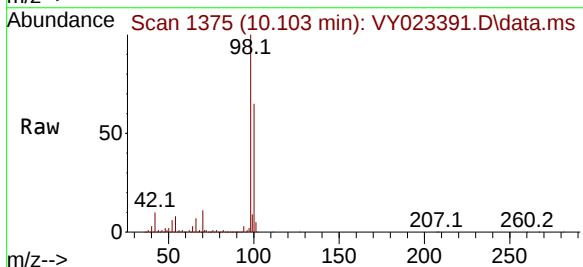
Acq: 07 Oct 2025 14:12

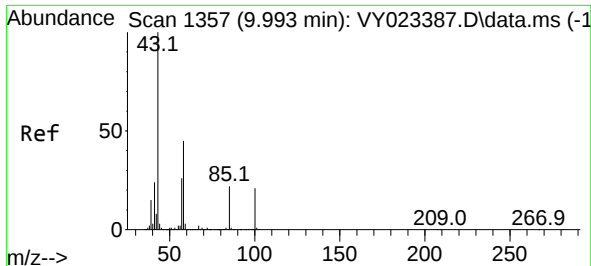
Tgt Ion: 98 Resp: 970614

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4

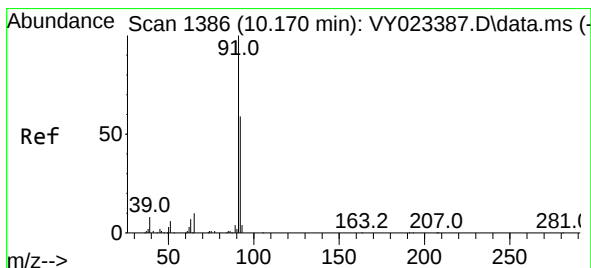
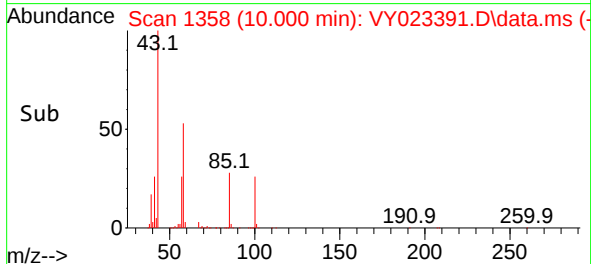
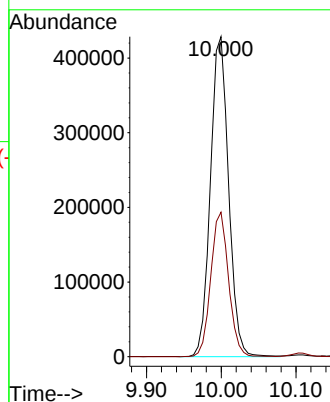
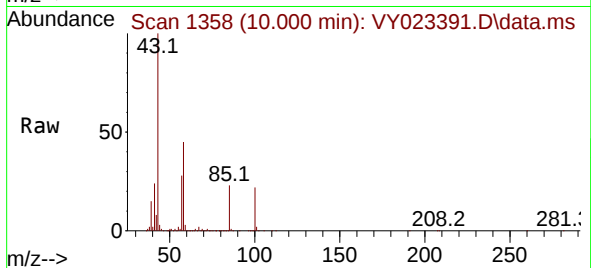




#51
4-Methyl-2-Pentanone
Concen: 253.421 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

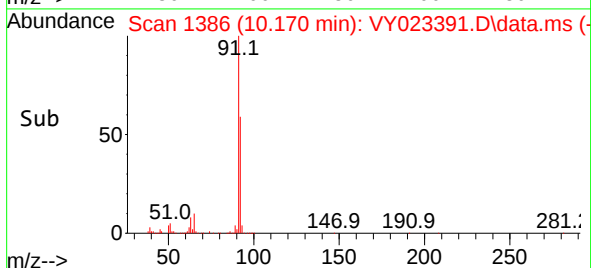
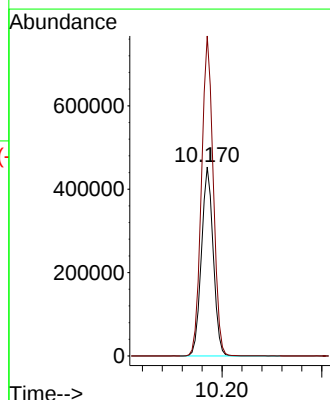
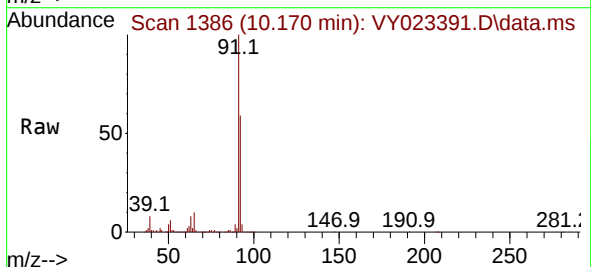
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 43 Resp: 724992
Ion Ratio Lower Upper
43 100
58 44.4 35.3 52.9



#52
Toluene
Concen: 51.556 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 92 Resp: 743055
Ion Ratio Lower Upper
92 100
91 168.9 136.4 204.6

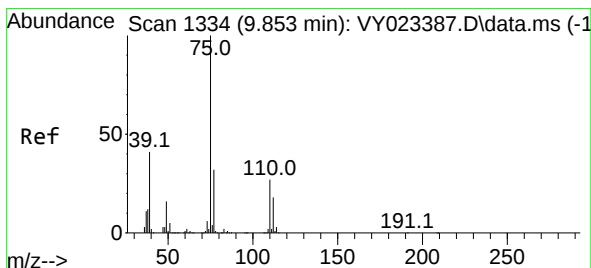
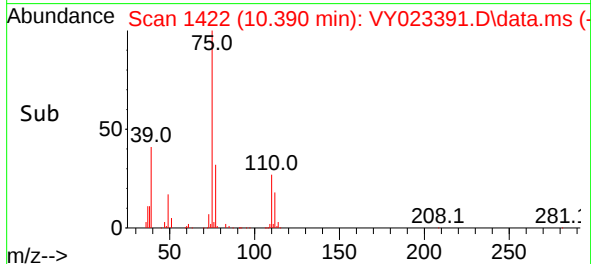
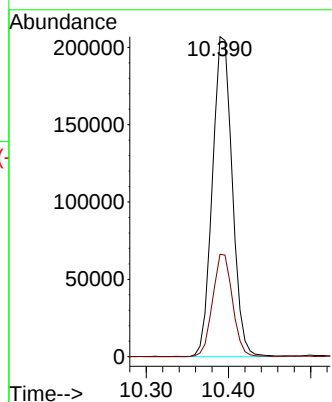
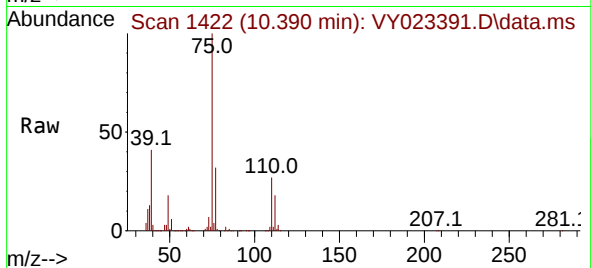




#53
t-1,3-Dichloropropene
Concen: 51.160 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

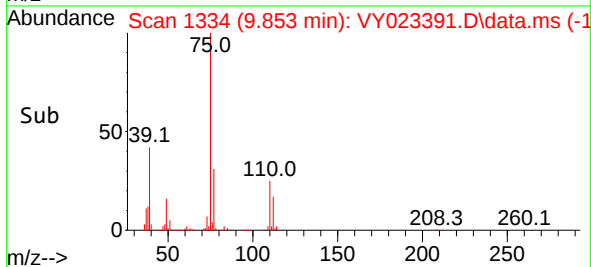
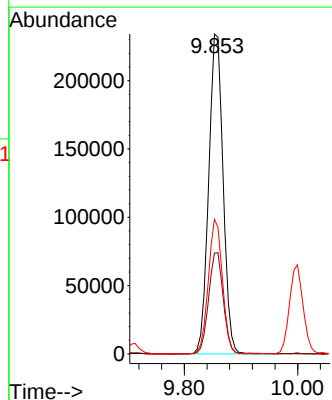
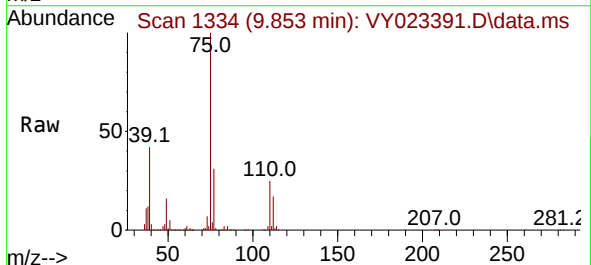
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 75 Resp: 347336
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 51.649 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 413860
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 42.1 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 50.430 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100725

Tgt Ion: 97 Resp: 210245

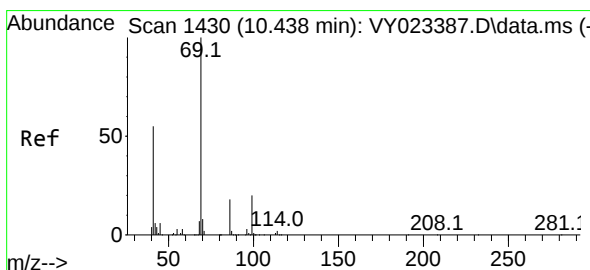
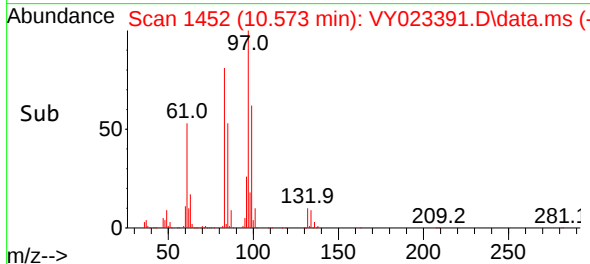
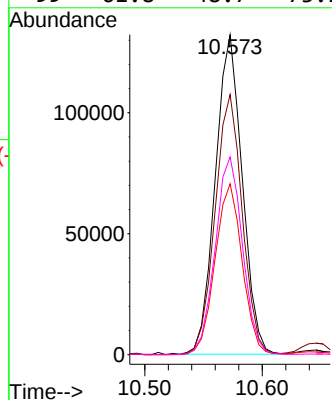
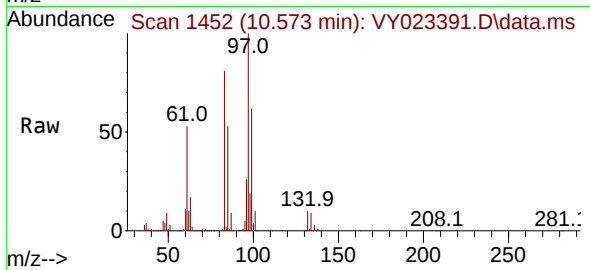
Ion Ratio Lower Upper

97 100

83 81.4 61.8 92.6

85 53.5 41.3 61.9

99 61.8 48.7 73.1



#56

Ethyl methacrylate

Concen: 53.385 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

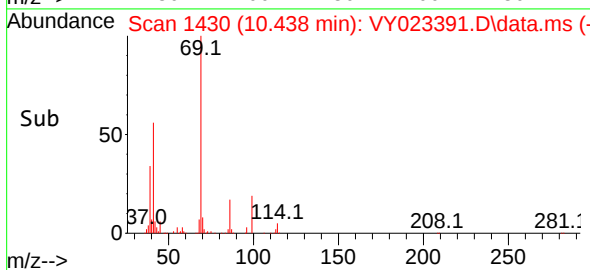
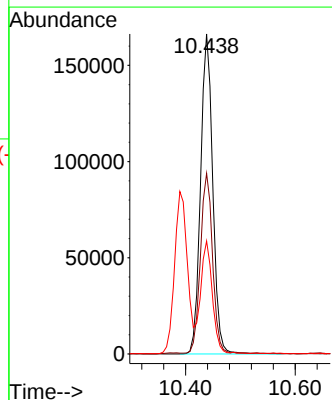
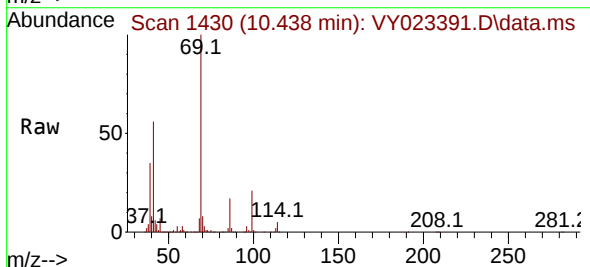
Tgt Ion: 69 Resp: 256731

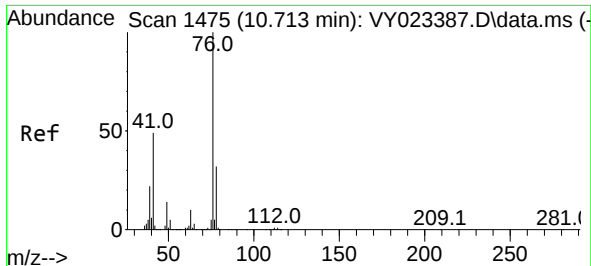
Ion Ratio Lower Upper

69 100

41 56.1 44.6 67.0

39 34.2 27.0 40.4





#57

1,3-Dichloropropane

Concen: 51.113 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

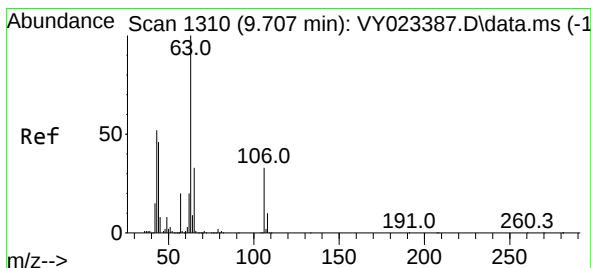
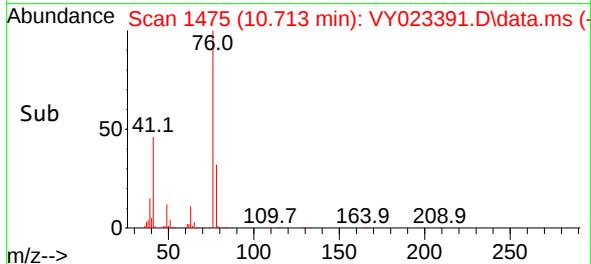
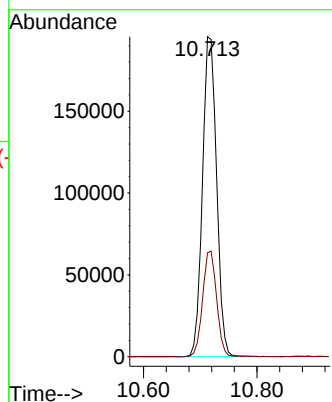
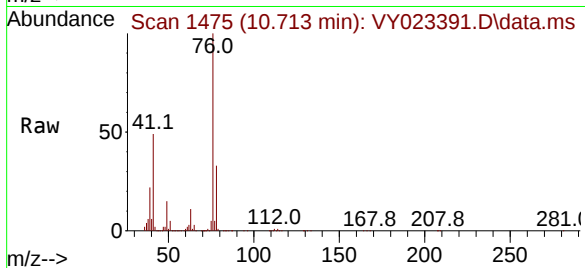
ICVVY100725

Tgt Ion: 76 Resp: 337673

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 272.133 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023391.D

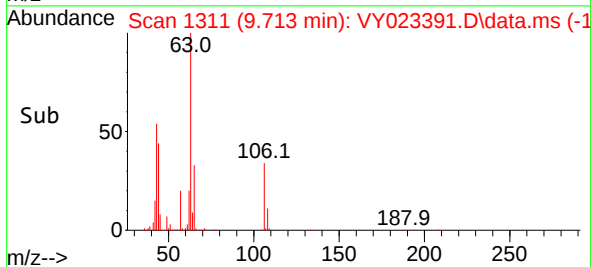
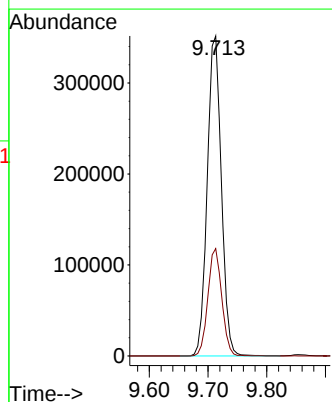
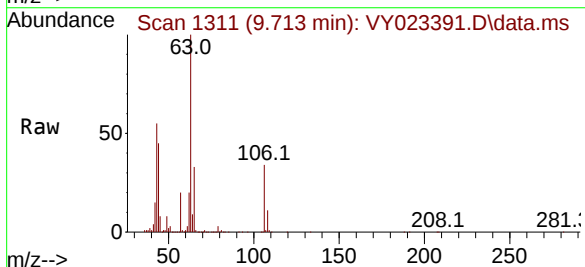
Acq: 07 Oct 2025 14:12

Tgt Ion: 63 Resp: 586266

Ion Ratio Lower Upper

63 100

106 33.2 26.6 39.8

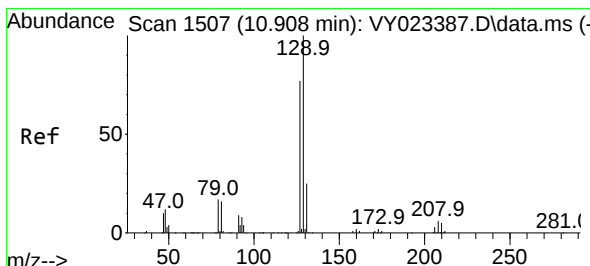
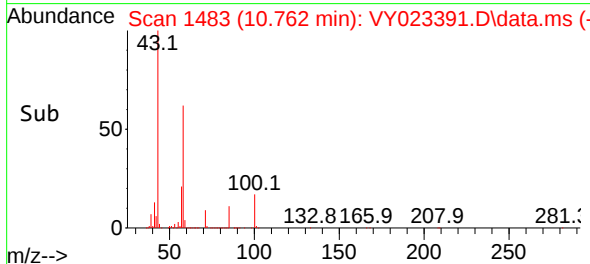
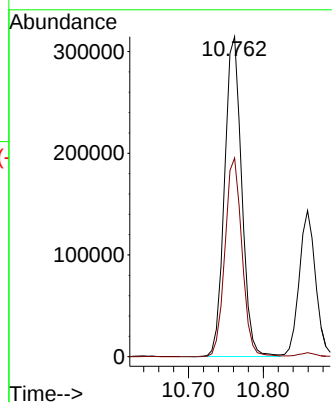
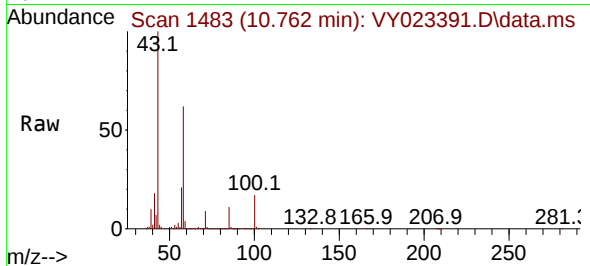




#59
2-Hexanone
Concen: 245.480 ug/l
RT: 10.762 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

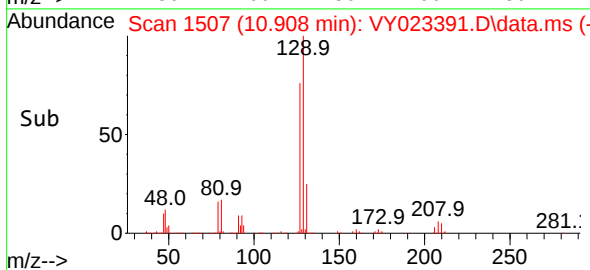
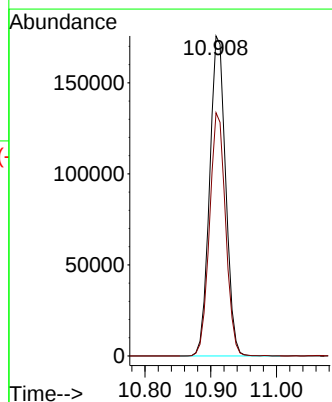
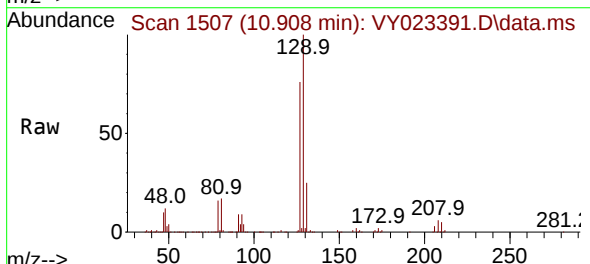
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

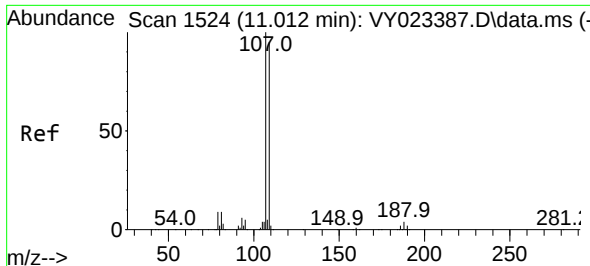
Tgt Ion: 43 Resp: 501877
Ion Ratio Lower Upper
43 100
58 61.7 30.5 91.5



#60
Dibromochloromethane
Concen: 50.974 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 129 Resp: 297946
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7

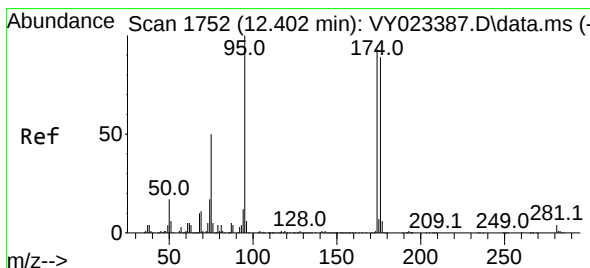
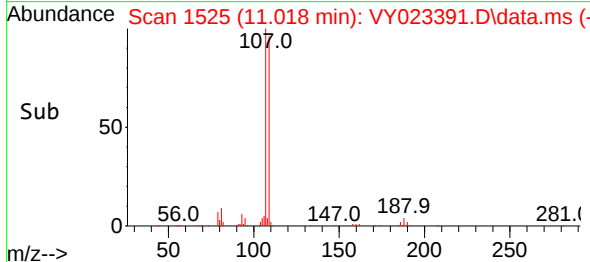
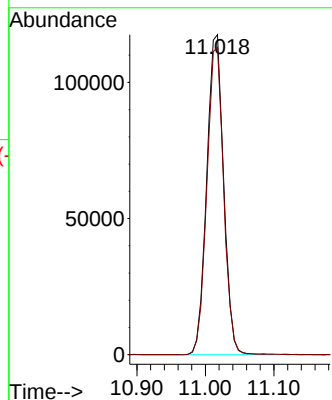
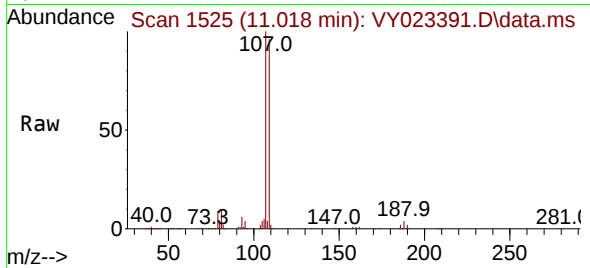




#61
1,2-Dibromoethane
Concen: 50.658 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

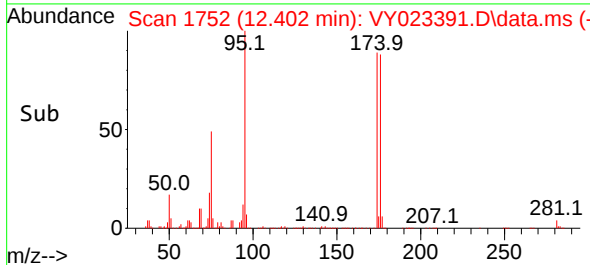
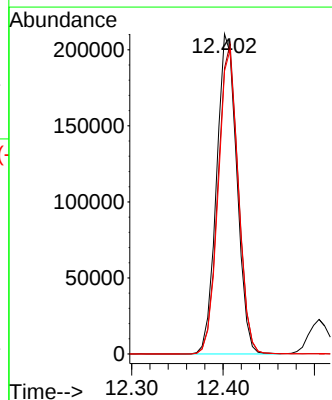
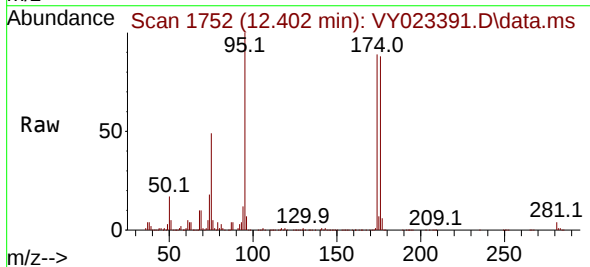
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

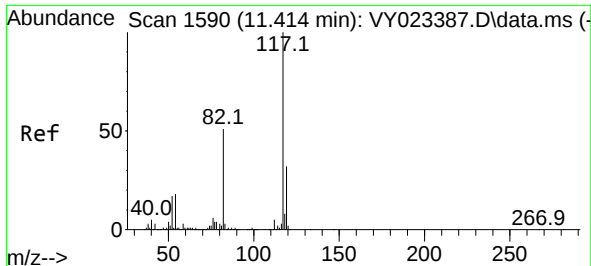
Tgt Ion:107 Resp: 201415
Ion Ratio Lower Upper
107 100
109 95.4 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.881 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 95 Resp: 324700
Ion Ratio Lower Upper
95 100
174 96.3 0.0 192.8
176 93.9 0.0 187.6

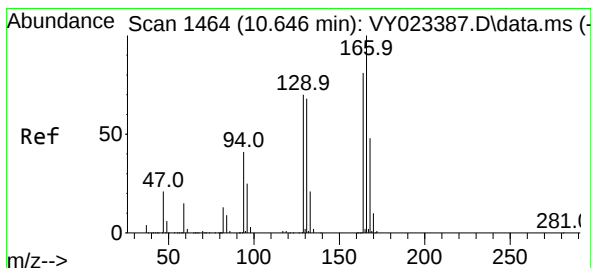
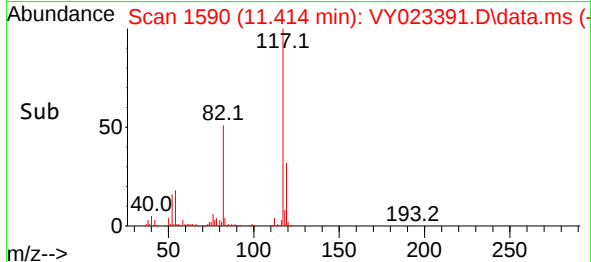
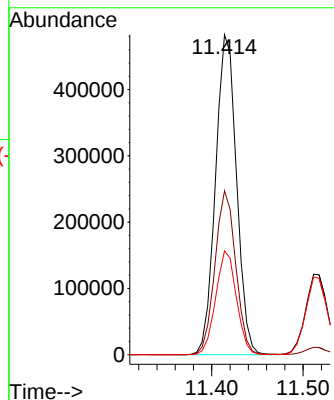
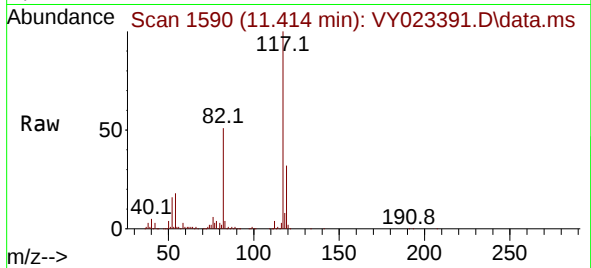




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

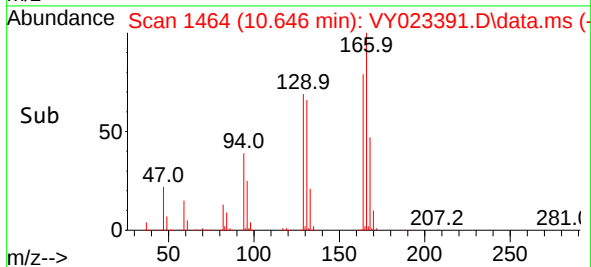
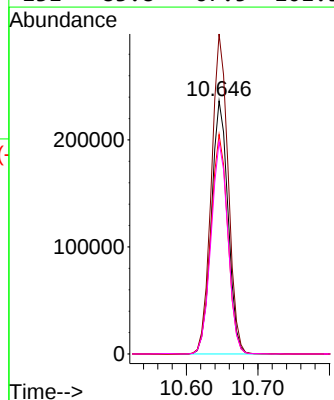
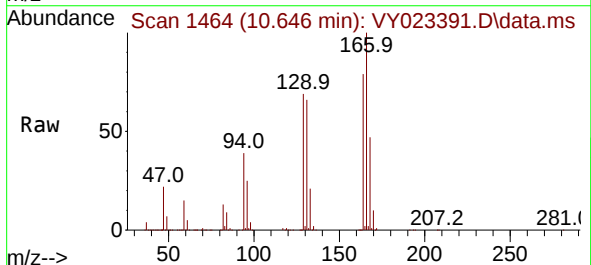
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:117 Resp: 771372
Ion Ratio Lower Upper
117 100
82 51.2 41.0 61.4
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 48.087 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:164 Resp: 382998
Ion Ratio Lower Upper
164 100
166 126.4 99.4 149.0
129 86.7 69.4 104.2
131 83.8 67.5 101.3

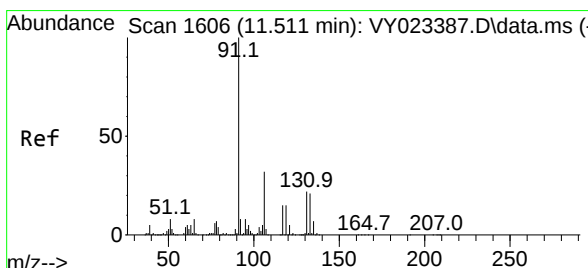
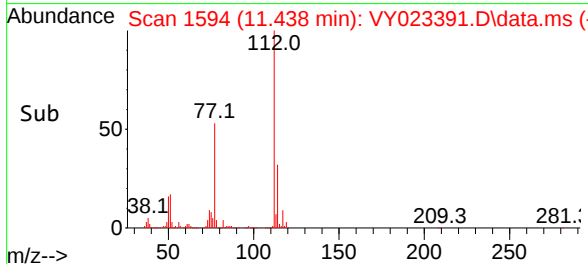
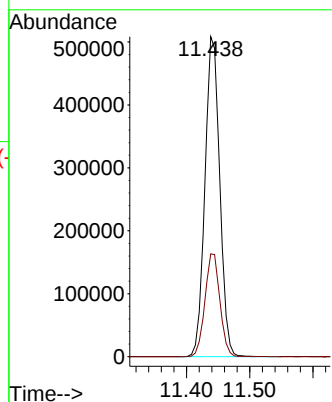
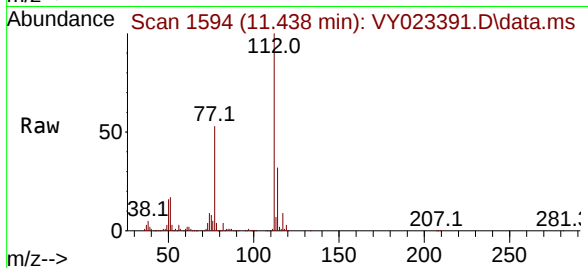




#65
Chlorobenzene
Concen: 49.381 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

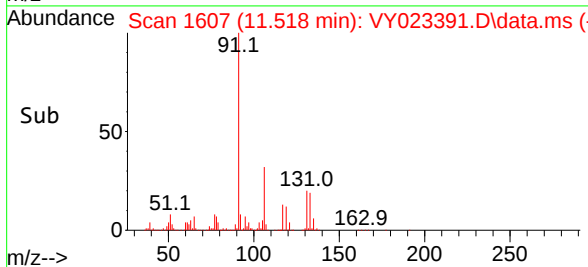
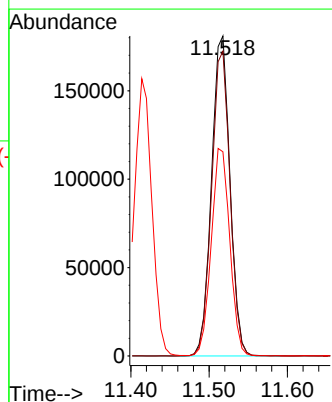
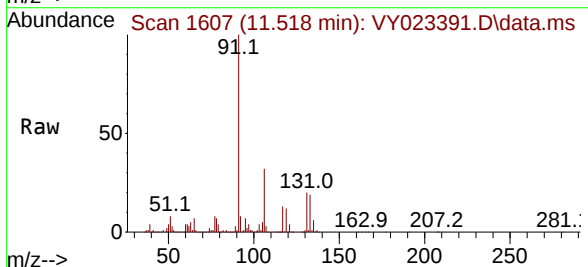
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

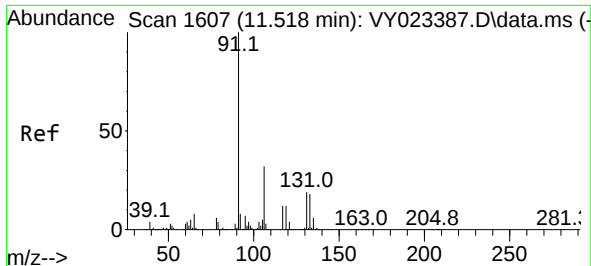
Tgt Ion:112 Resp: 828466
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.537 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:131 Resp: 296157
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.2
119 65.2 32.4 97.2





#67

Ethyl Benzene

Concen: 50.841 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

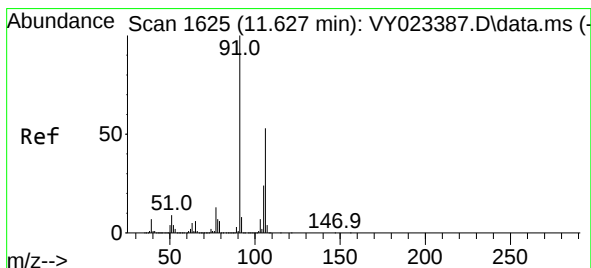
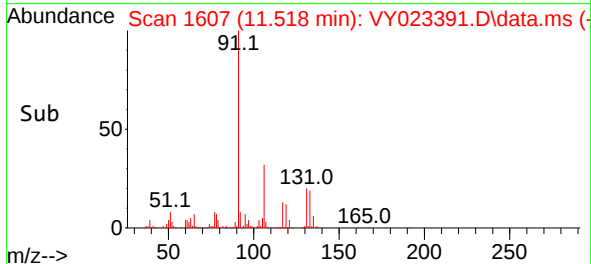
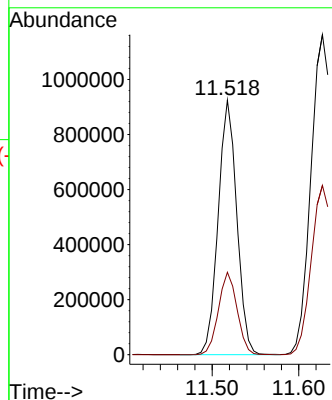
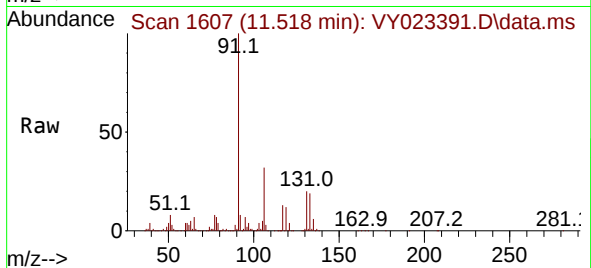
ICVVY100725

Tgt Ion: 91 Resp: 1380691

Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.8



#68

m/p-Xylenes

Concen: 101.757 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023391.D

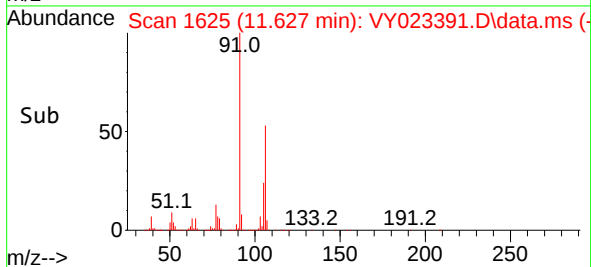
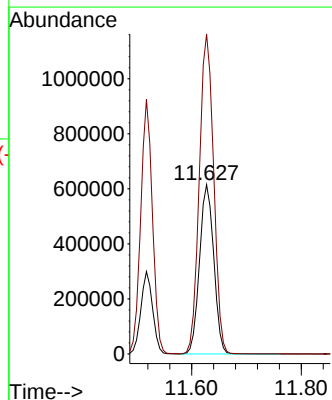
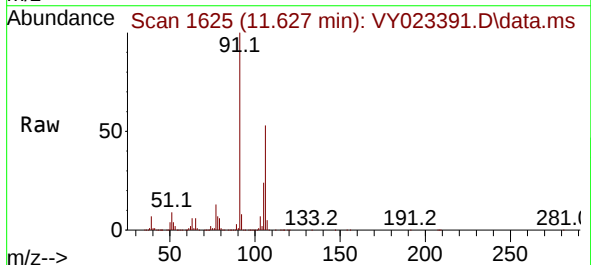
Acq: 07 Oct 2025 14:12

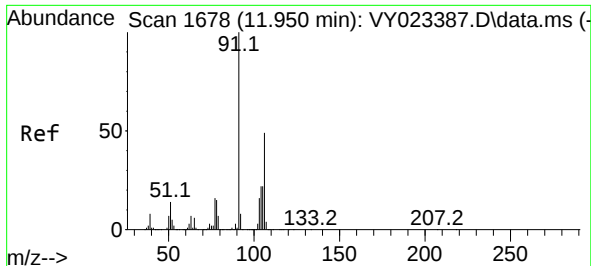
Tgt Ion:106 Resp: 1108386

Ion Ratio Lower Upper

106 100

91 190.7 152.6 229.0

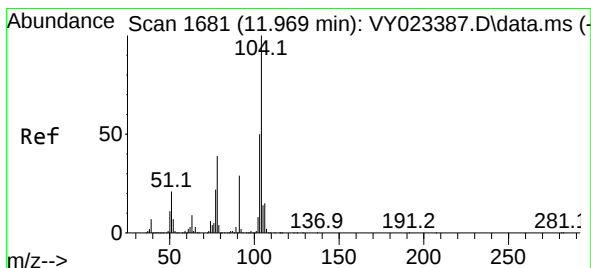
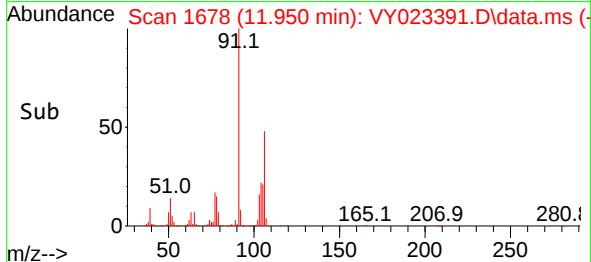
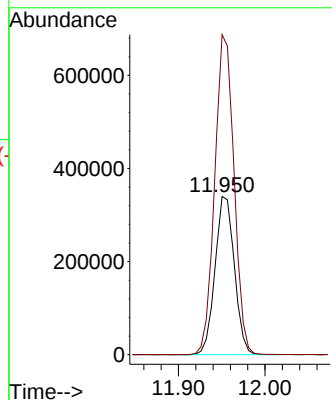
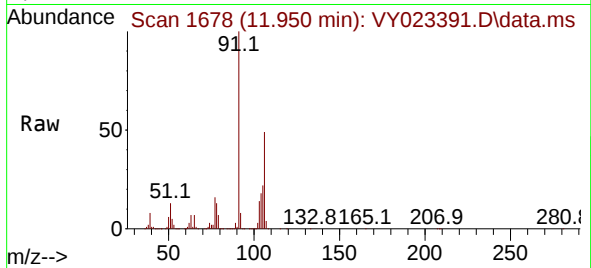




#69
o-Xylene
Concen: 51.577 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

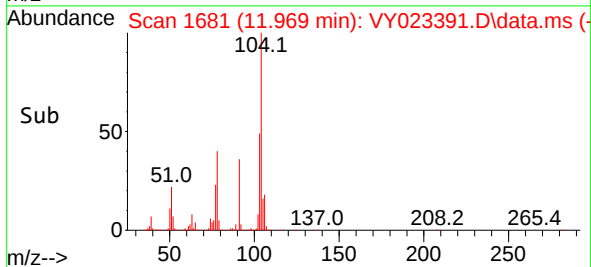
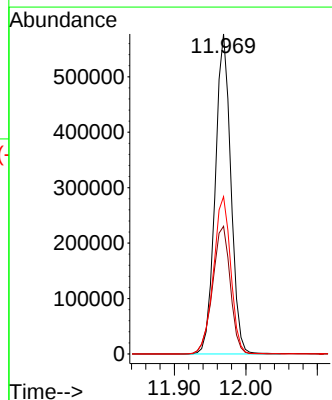
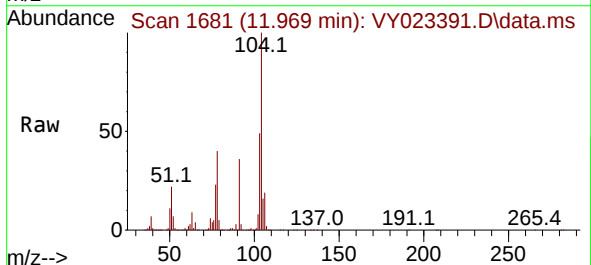
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

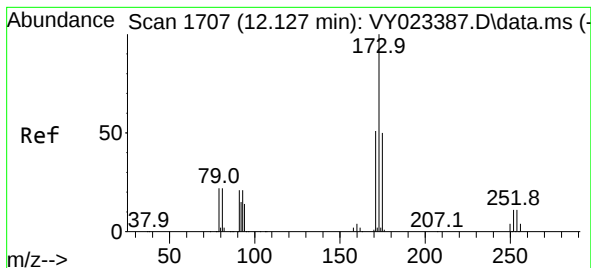
Tgt Ion:106 Resp: 526954
Ion Ratio Lower Upper
106 100
91 202.1 101.4 304.1



#70
Styrene
Concen: 52.122 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:104 Resp: 875709
Ion Ratio Lower Upper
104 100
78 45.3 36.1 54.1
103 54.2 43.2 64.8





#71

Bromoform

Concen: 50.070 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY100725

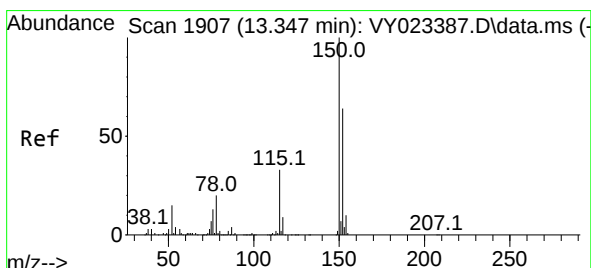
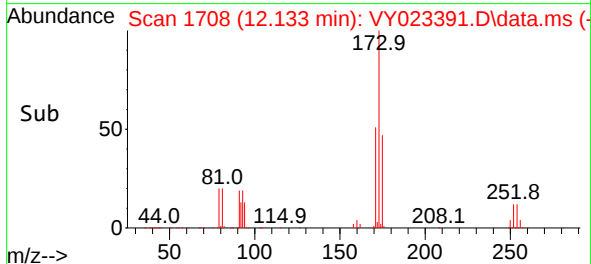
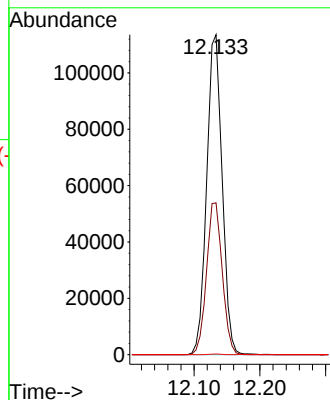
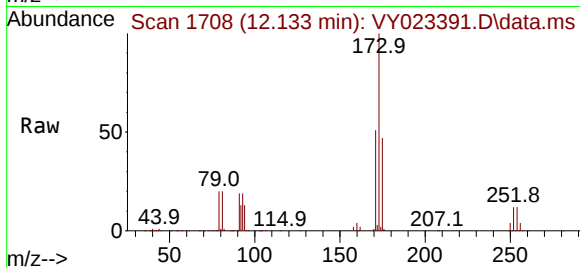
Tgt Ion:173 Resp: 185682

Ion Ratio Lower Upper

173 100

175 48.4 24.8 74.3

254 0.2 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: VY023391.D

Acq: 07 Oct 2025 14:12

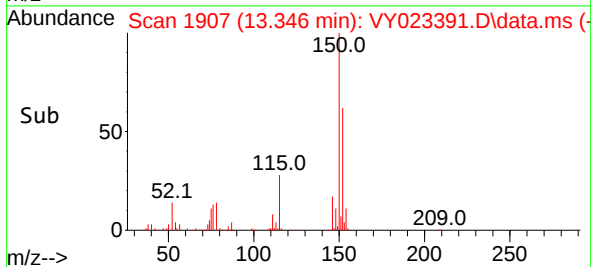
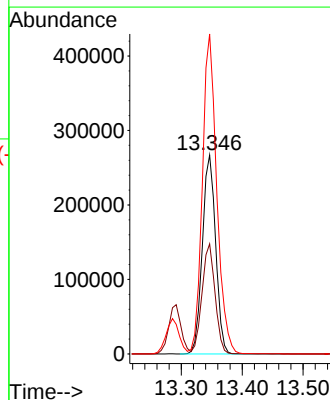
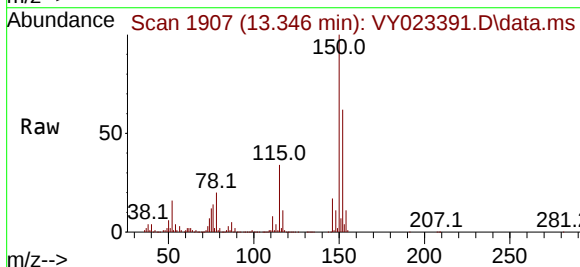
Tgt Ion:152 Resp: 405636

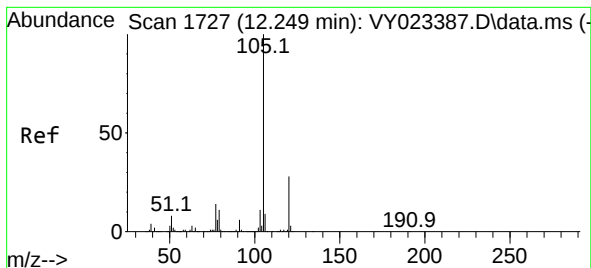
Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.2

150 173.7 0.0 347.4





#73

Isopropylbenzene

Concen: 50.318 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

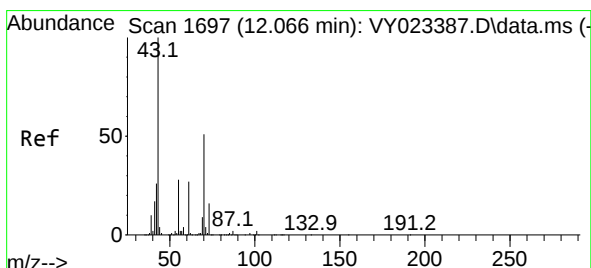
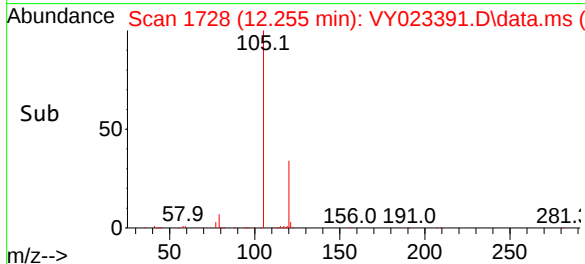
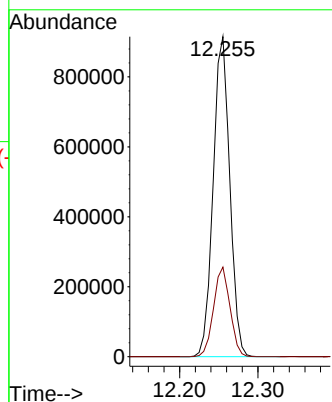
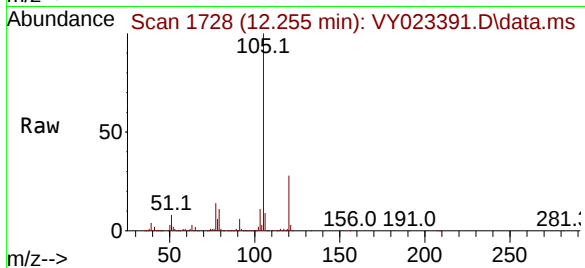
ICVVY100725

Tgt Ion:105 Resp: 1345109

Ion Ratio Lower Upper

105 100

120 27.7 13.9 41.7



#74

N-ethyl acetate

Concen: 51.087 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 245291

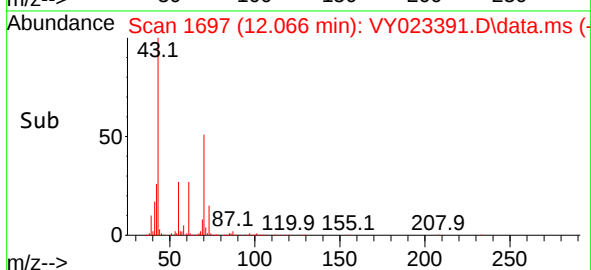
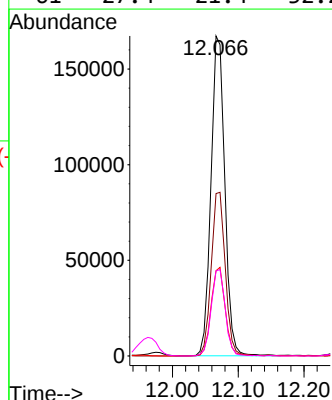
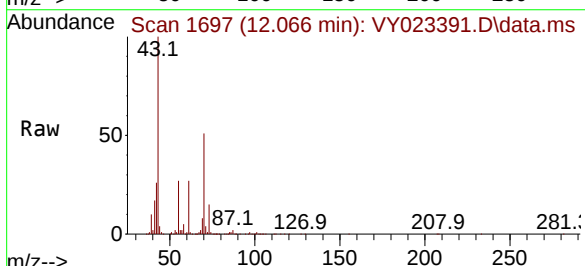
Ion Ratio Lower Upper

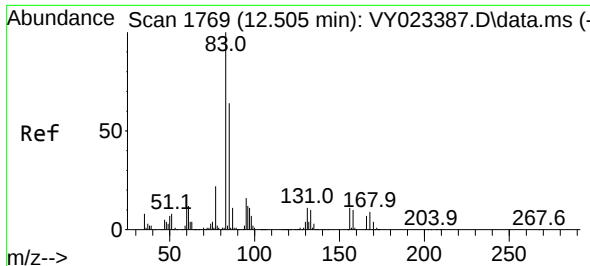
43 100

70 51.8 41.1 61.7

55 28.3 23.0 34.6

61 27.4 21.4 32.2

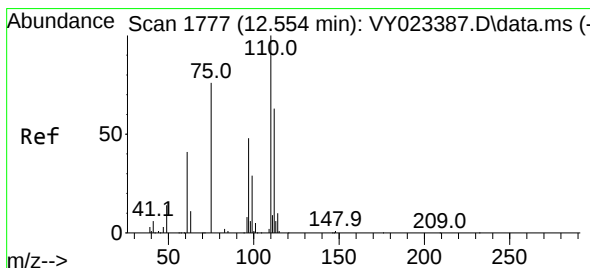
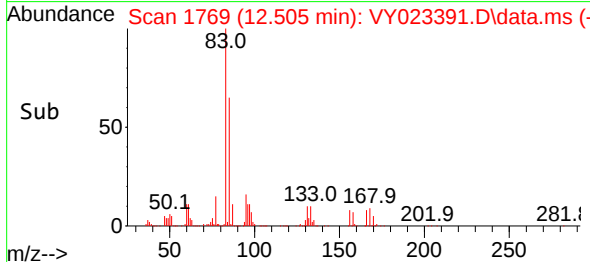
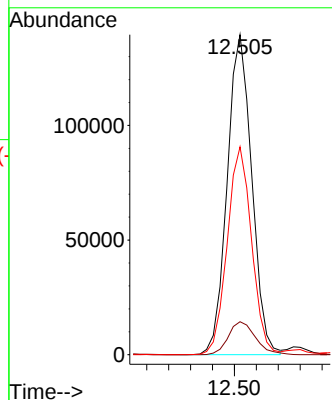
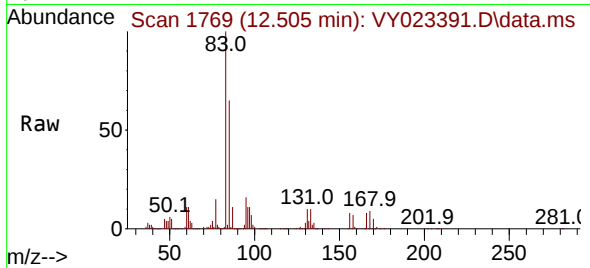




#75
1,1,2-Tetrachloroethane
Concen: 49.688 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

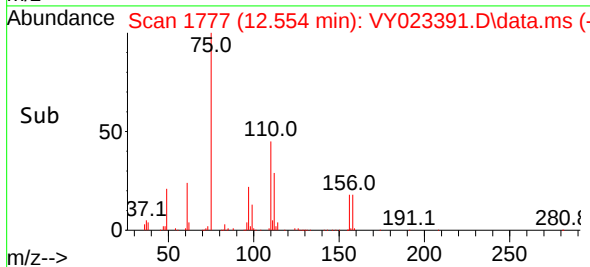
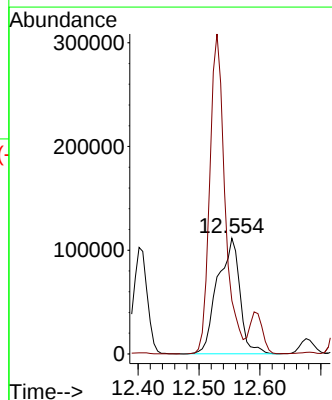
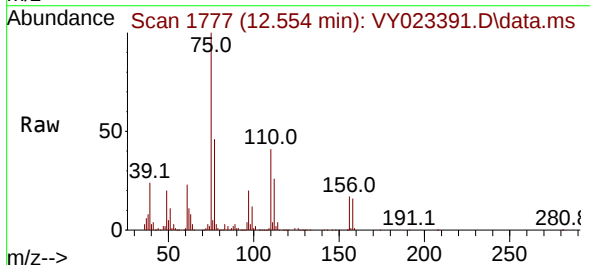
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

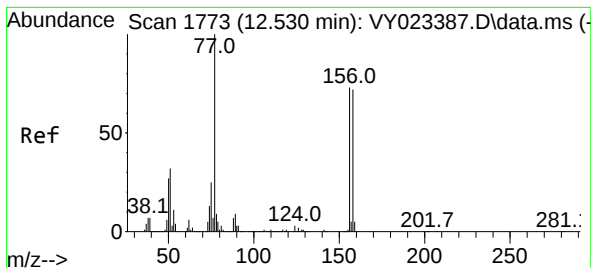
Tgt Ion: 83 Resp: 217245
Ion Ratio Lower Upper
83 100
131 11.4 5.9 17.6
85 64.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 79.505 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 284532
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.590 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100725

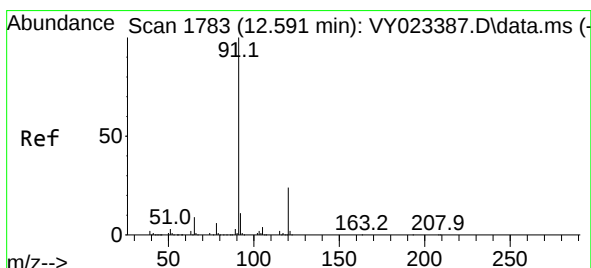
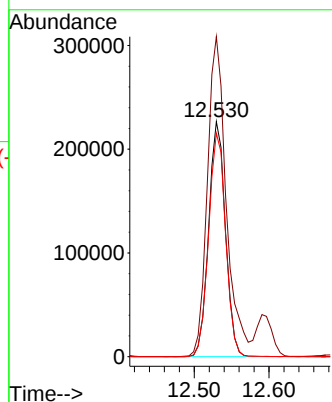
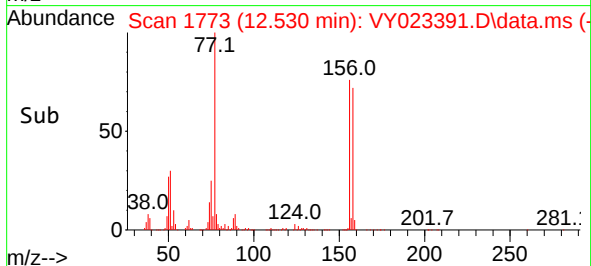
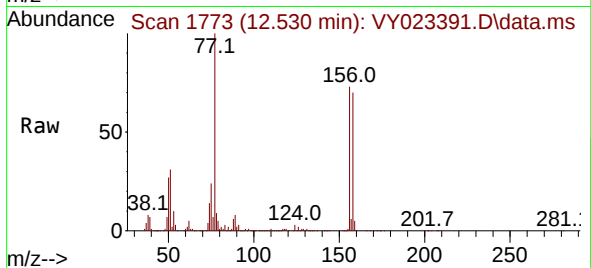
Tgt Ion:156 Resp: 352420

Ion Ratio Lower Upper

156 100

77 152.8 76.8 230.5

158 96.5 49.0 147.2



#78

n-propylbenzene

Concen: 50.694 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023391.D

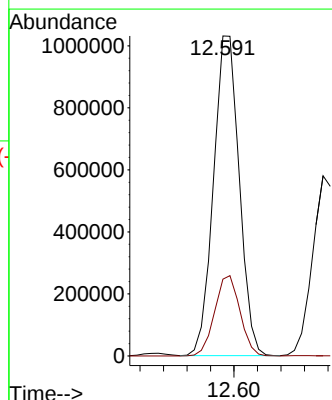
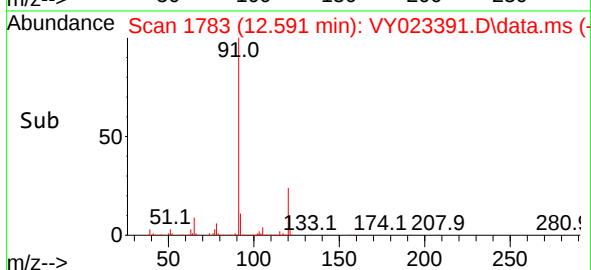
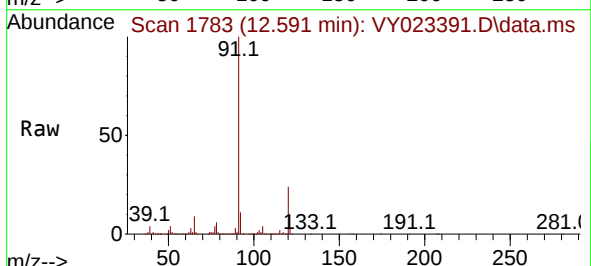
Acq: 07 Oct 2025 14:12

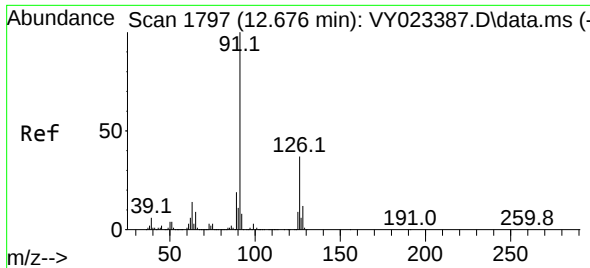
Tgt Ion: 91 Resp: 1568180

Ion Ratio Lower Upper

91 100

120 24.7 12.3 36.8

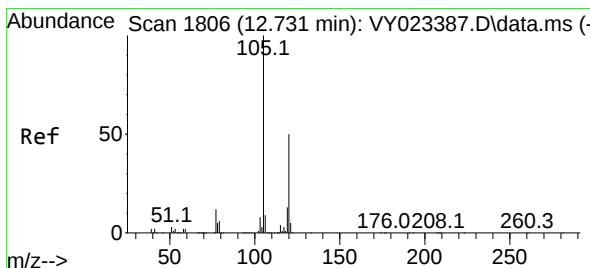
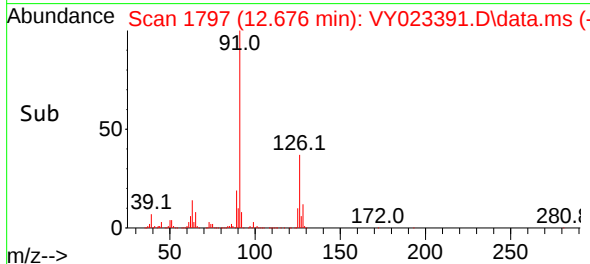
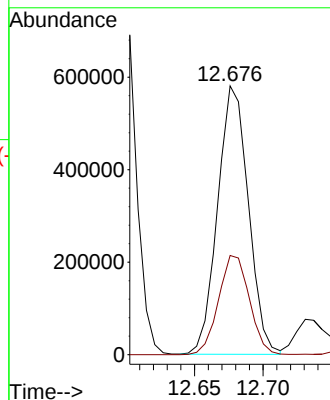
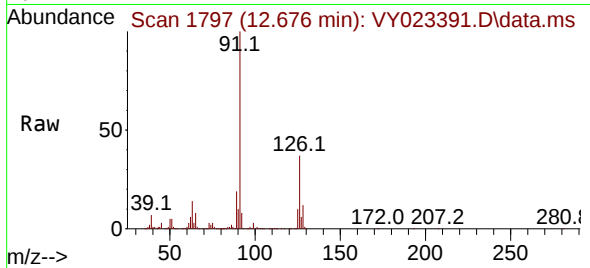




#79
2-Chlorotoluene
Concen: 50.047 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

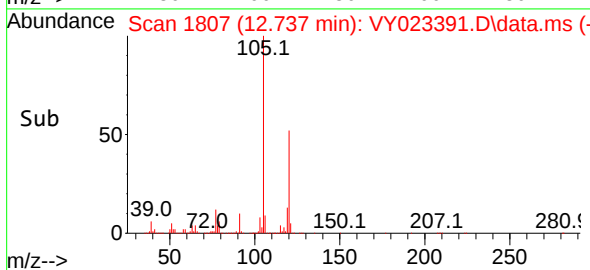
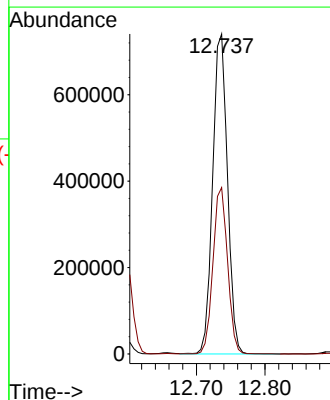
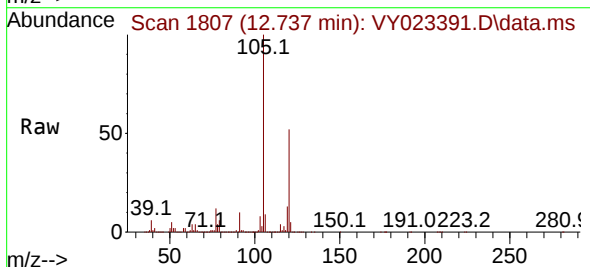
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

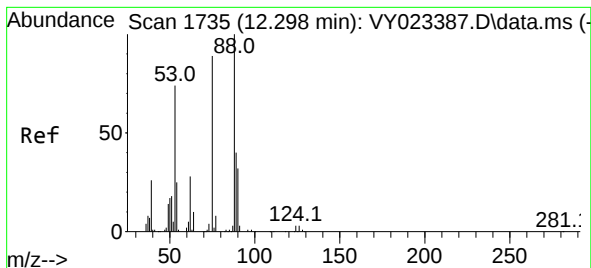
Tgt Ion: 91 Resp: 906610
Ion Ratio Lower Upper
91 100
126 37.1 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 51.231 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 105 Resp: 1106664
Ion Ratio Lower Upper
105 100
120 51.4 25.4 76.4

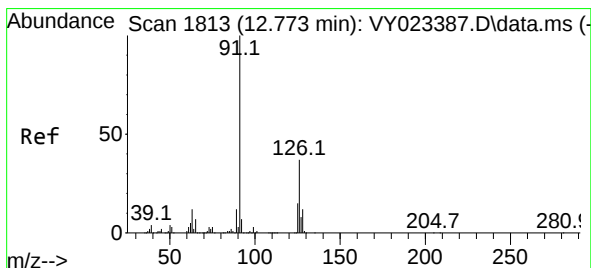
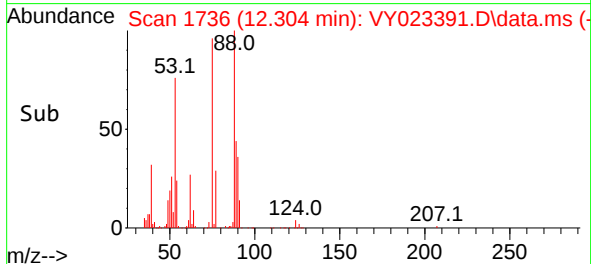
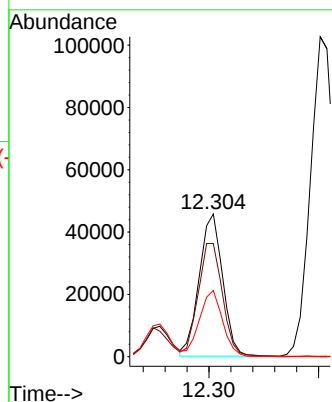
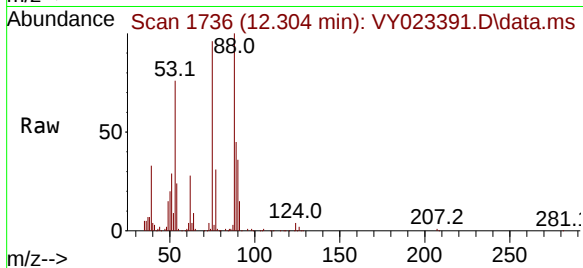




#81
trans-1,4-Dichloro-2-butene
Concen: 46.566 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

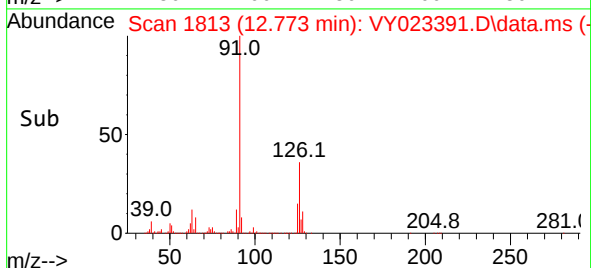
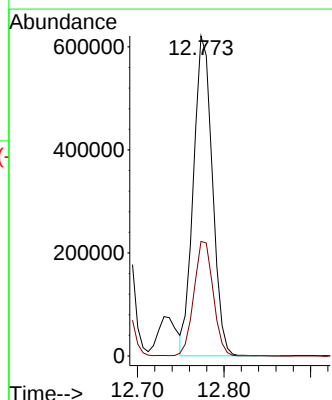
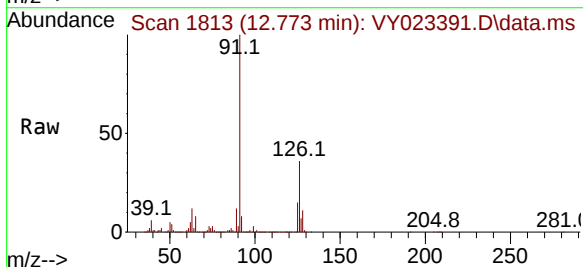
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

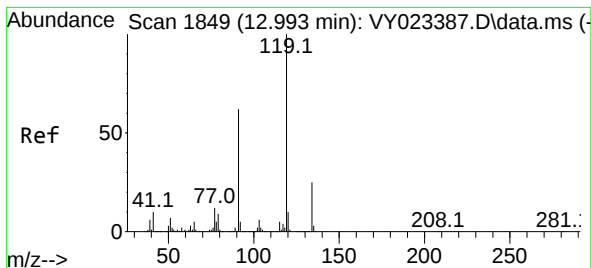
Tgt Ion: 75 Resp: 67959
Ion Ratio Lower Upper
75 100
53 82.6 68.6 102.8
89 46.5 39.0 58.4



#82
4-Chlorotoluene
Concen: 50.455 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 91 Resp: 941314
Ion Ratio Lower Upper
91 100
126 36.7 18.4 55.4





#83

tert-Butylbenzene

Concen: 52.019 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100725

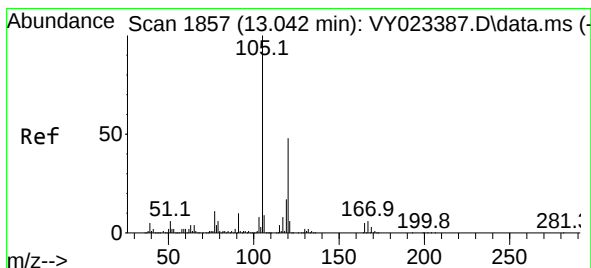
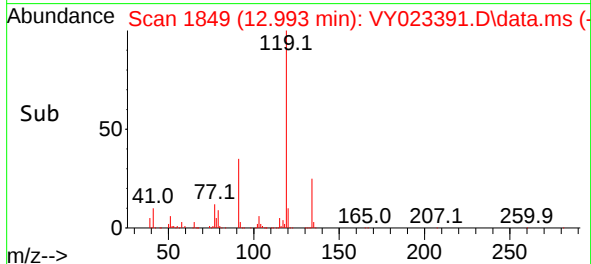
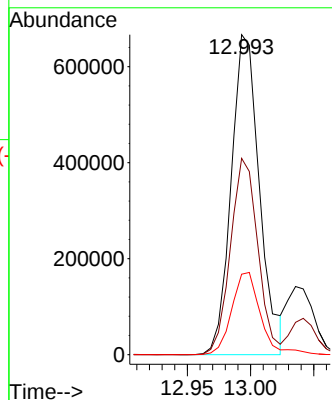
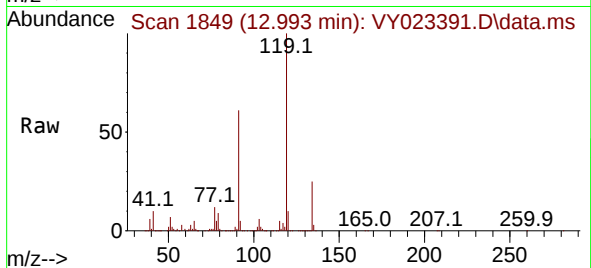
Tgt Ion:119 Resp: 1037510

Ion Ratio Lower Upper

119 100

91 59.5 29.9 89.8

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 51.520 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023391.D

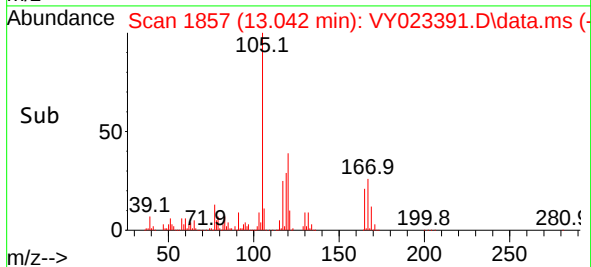
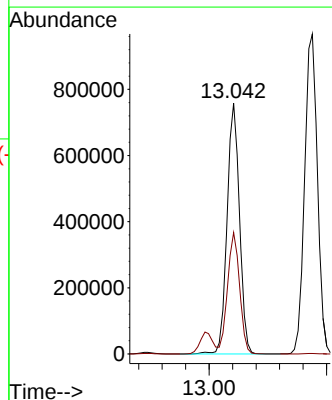
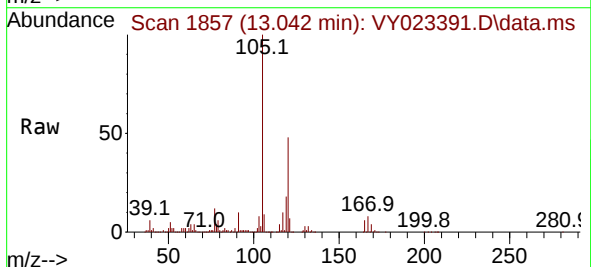
Acq: 07 Oct 2025 14:12

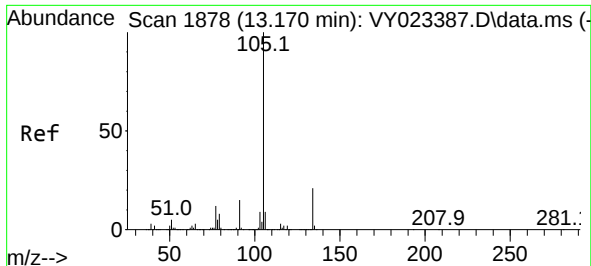
Tgt Ion:105 Resp: 1110672

Ion Ratio Lower Upper

105 100

120 47.0 23.8 71.2

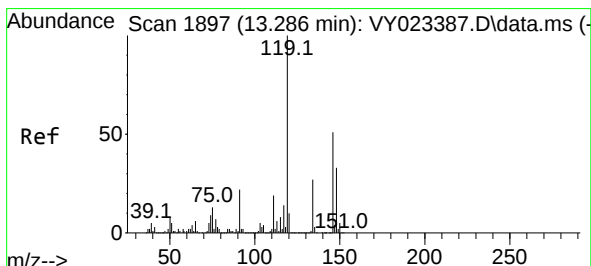
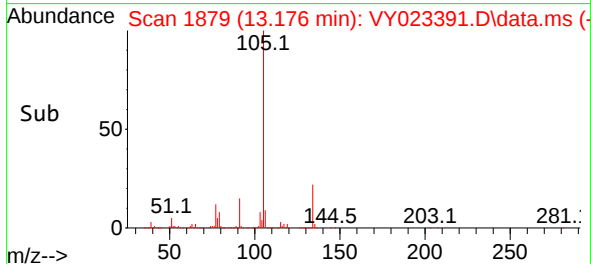
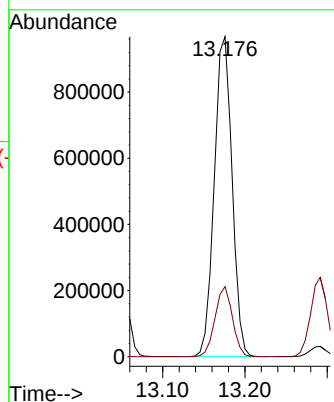
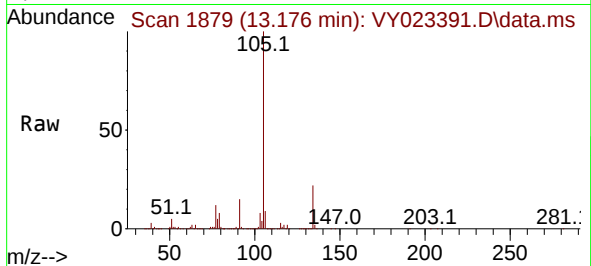




#85
 sec-Butylbenzene
 Concen: 50.848 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023391.D
 Acq: 07 Oct 2025 14:12

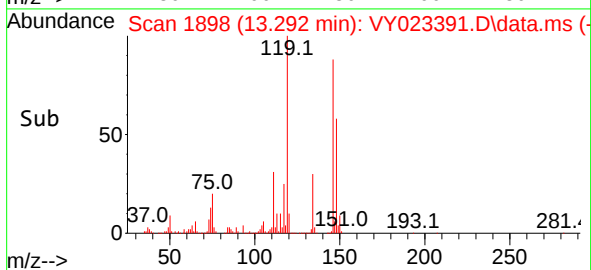
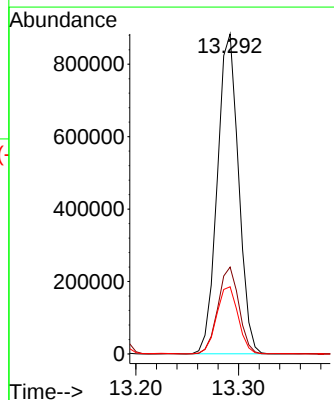
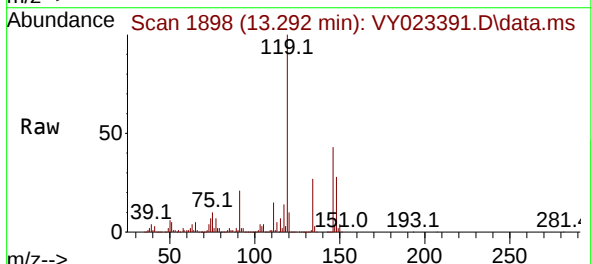
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100725

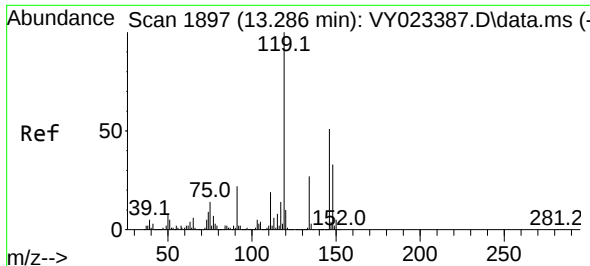
Tgt Ion:105 Resp: 1454774
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 51.864 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023391.D
 Acq: 07 Oct 2025 14:12

Tgt Ion:119 Resp: 1263377
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 21.3 10.9 32.9

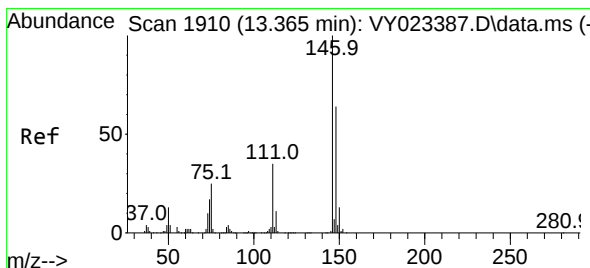
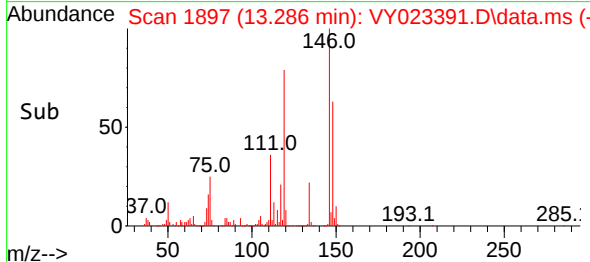
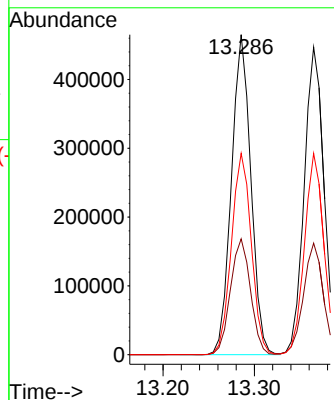
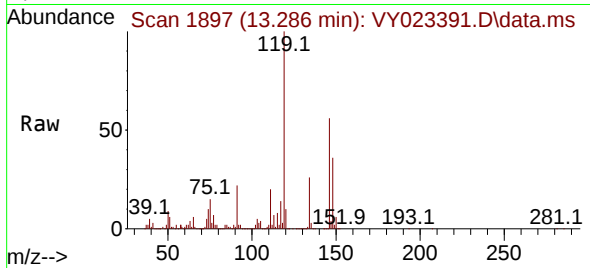




#87
1,3-Dichlorobenzene
Concen: 49.632 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

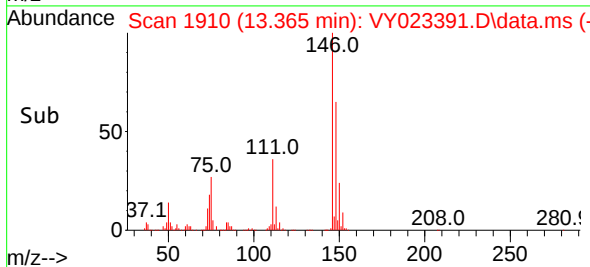
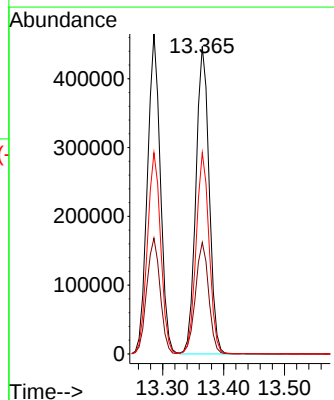
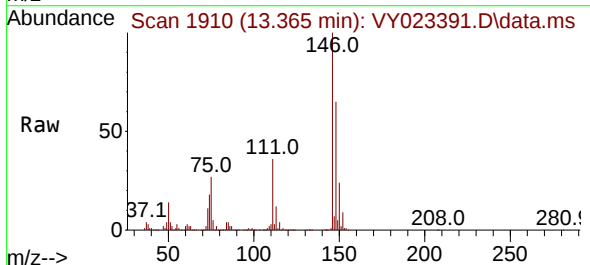
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

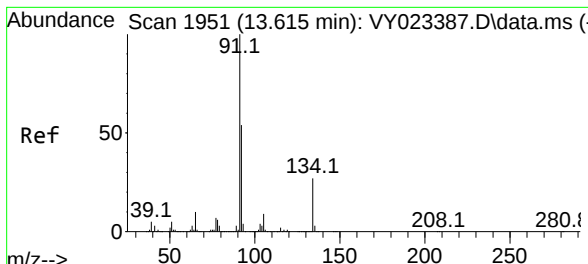
Tgt Ion:146 Resp: 686854
Ion Ratio Lower Upper
146 100
111 37.4 18.7 56.1
148 64.5 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 49.140 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:146 Resp: 671644
Ion Ratio Lower Upper
146 100
111 36.2 18.0 54.0
148 64.2 31.9 95.7



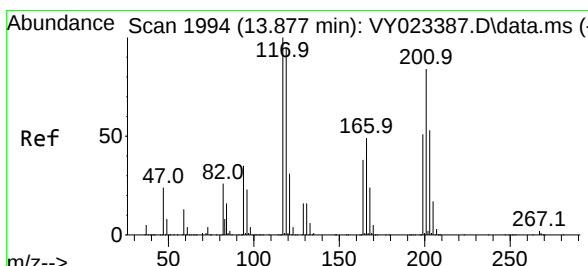
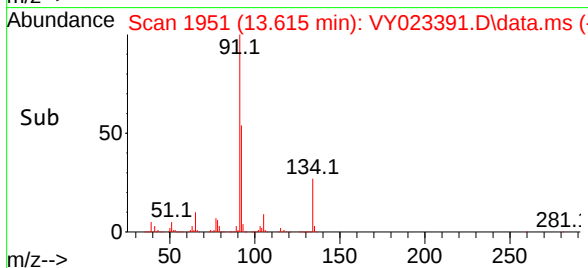
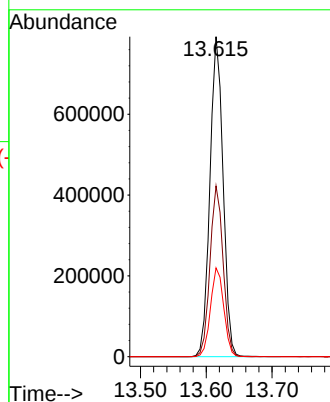
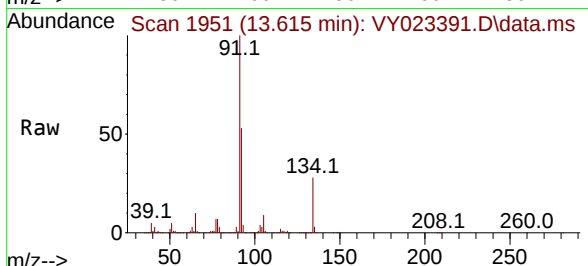


#89
n-Butylbenzene
Concen: 51.829 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 91 Resp: 1100086

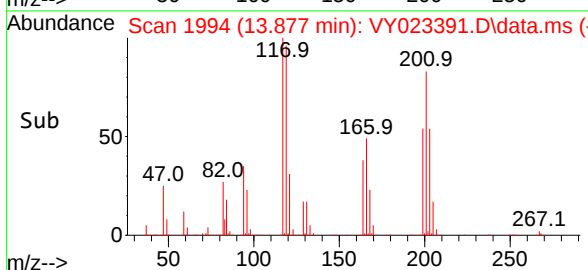
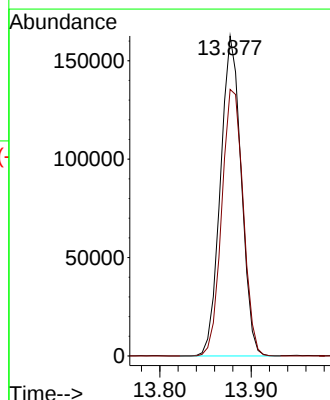
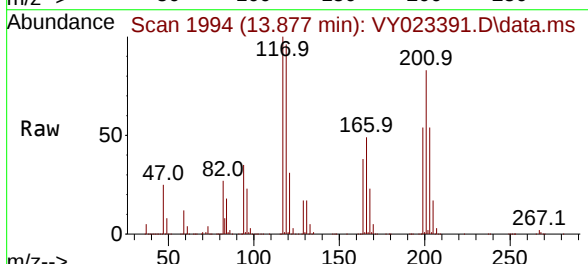
Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.0	80.8
134	28.1	14.1	42.2

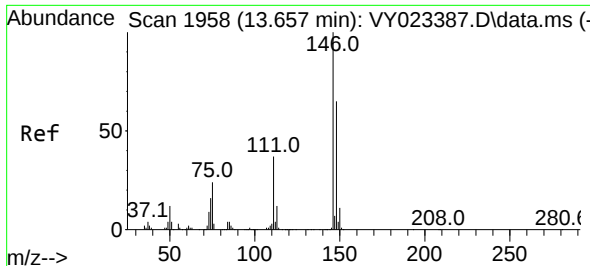


#90
Hexachloroethane
Concen: 49.116 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 117 Resp: 257335

Ion	Ratio	Lower	Upper
117	100		
201	85.7	43.8	131.4

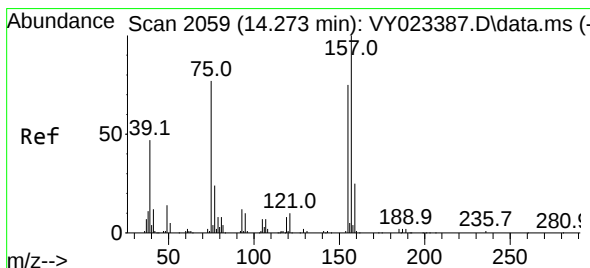
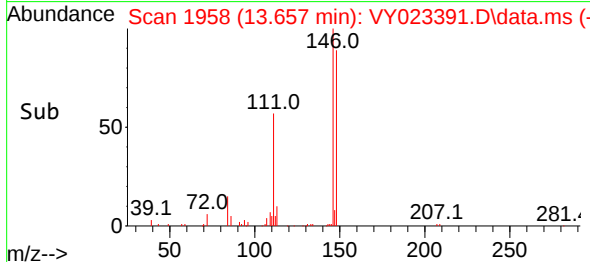
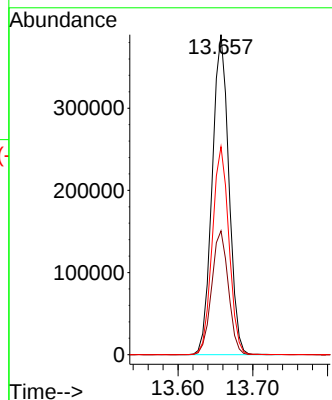
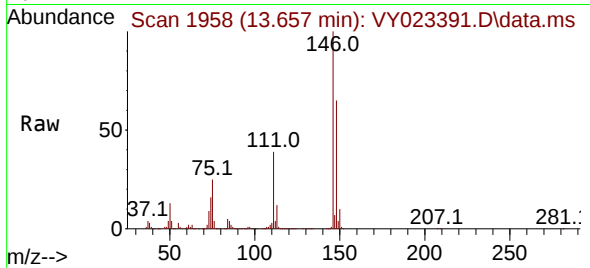




#91
1,2-Dichlorobenzene
Concen: 49.698 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

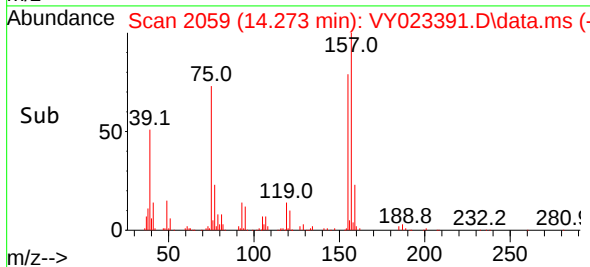
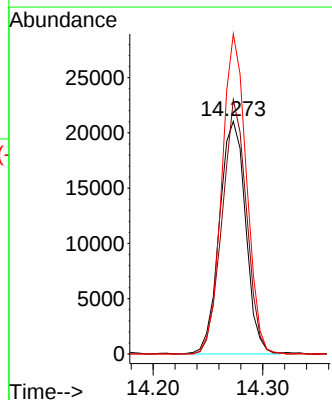
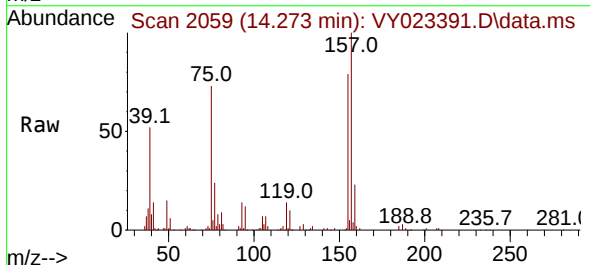
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

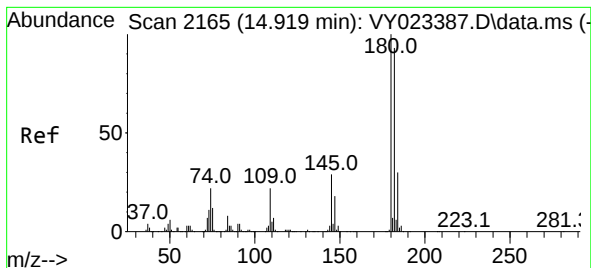
Tgt Ion:146 Resp: 602989
Ion Ratio Lower Upper
146 100
111 38.7 19.0 57.0
148 64.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.687 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 34928
Ion Ratio Lower Upper
75 100
155 101.5 50.0 150.0
157 128.5 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 51.138 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100725

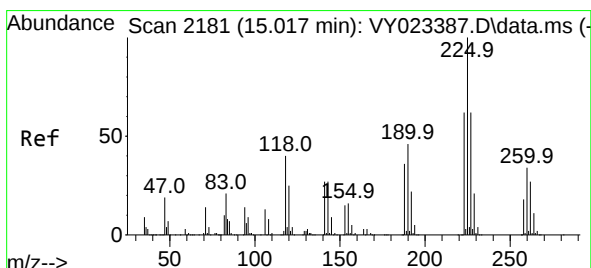
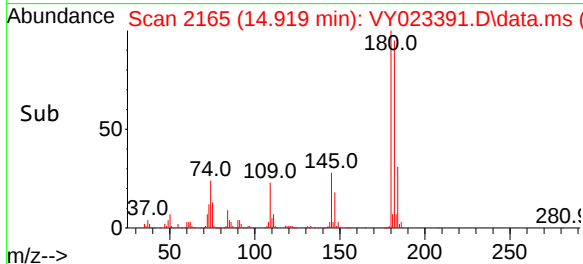
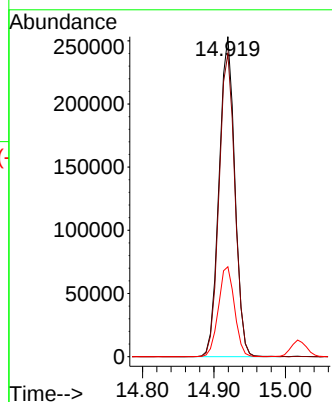
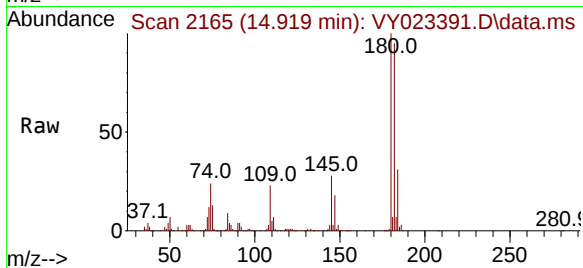
Tgt Ion:180 Resp: 386806

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.6

145 28.8 14.7 44.1



#94

Hexachlorobutadiene

Concen: 50.061 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

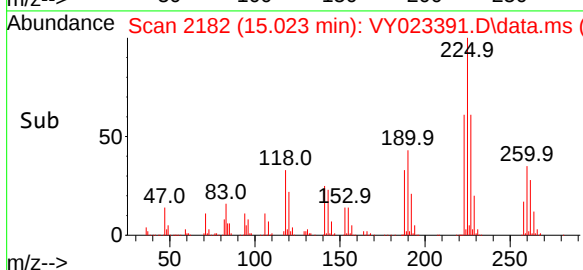
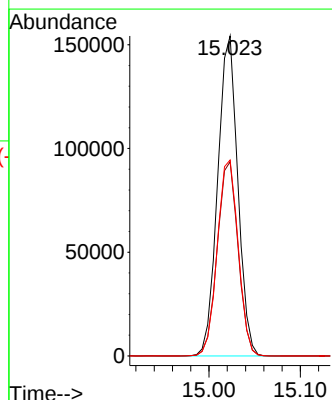
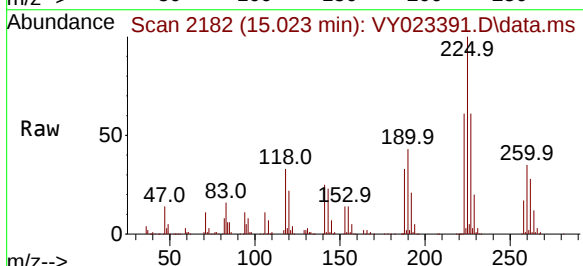
Tgt Ion:225 Resp: 236040

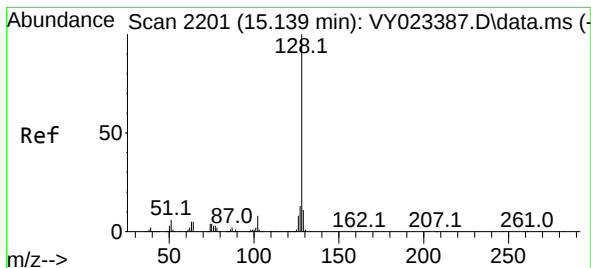
Ion Ratio Lower Upper

225 100

223 62.6 30.8 92.3

227 63.6 31.9 95.7





#95

Naphthalene

Concen: 52.154 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100725

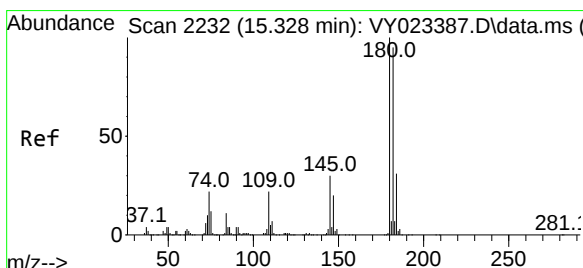
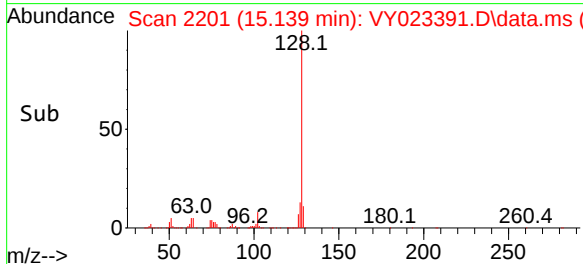
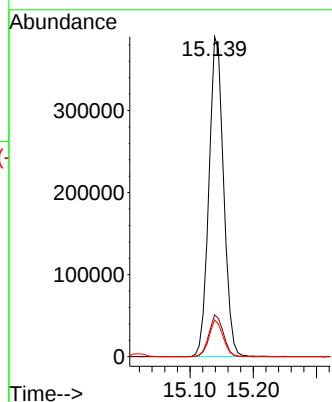
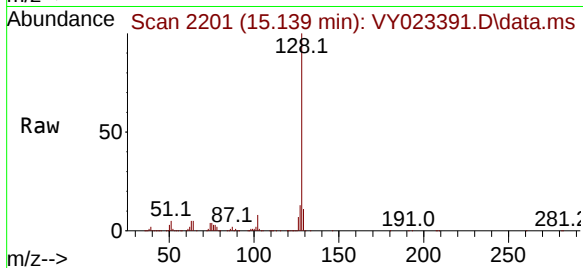
Tgt Ion:128 Resp: 628190

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 51.172 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023391.D

Acq: 07 Oct 2025 14:12

Tgt Ion:180 Resp: 335267

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 31.1 15.3 45.9

