

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
 Data File : VY023704.D
 Acq On : 07 Nov 2025 08:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 08 03:25:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	538446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	758592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	666124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	327420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	221221	48.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.320%
35) Dibromofluoromethane	7.640	113	248139	52.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.680%
50) Toluene-d8	10.109	98	952808	53.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.408	95	306332	53.640	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.280%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	158470	44.835	ug/l	99
3) Chloromethane	2.074	50	232062	46.918	ug/l	100
4) Vinyl Chloride	2.208	62	300957	46.761	ug/l	99
5) Bromomethane	2.605	94	238095	43.979	ug/l	100
6) Chloroethane	2.739	64	213650	48.030	ug/l	99
7) Trichlorofluoromethane	3.062	101	437698	48.288	ug/l	100
8) Diethyl Ether	3.458	74	111846	46.013	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	254739	51.008	ug/l	98
10) Methyl Iodide	4.007	142	312359	52.966	ug/l	99
11) Tert butyl alcohol	4.860	59	57765	195.047	ug/l	97
12) 1,1-Dichloroethene	3.793	96	239749	49.835	ug/l	96
13) Acrolein	3.653	56	66389	174.405	ug/l	99
14) Allyl chloride	4.391	41	302981	51.742	ug/l	98
15) Acrylonitrile	5.061	53	218892	235.638	ug/l	99
16) Acetone	3.873	43	284784	249.442	ug/l	96
17) Carbon Disulfide	4.110	76	747498	50.625	ug/l	99
18) Methyl Acetate	4.391	43	101530	40.318	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	534447	47.910	ug/l	100
20) Methylene Chloride	4.623	84	261436	47.435	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	276477	50.970	ug/l	96
22) Diisopropyl ether	6.025	45	689679	52.858	ug/l	97
23) Vinyl Acetate	5.964	43	1845709	265.078	ug/l	98
24) 1,1-Dichloroethane	5.921	63	445545	51.258	ug/l	99
25) 2-Butanone	6.896	43	309332	234.344	ug/l	99
26) 2,2-Dichloropropane	6.890	77	415215	51.930	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	314964	50.841	ug/l	99
28) Bromochloromethane	7.250	49	169664	50.977	ug/l	94
29) Tetrahydrofuran	7.268	42	167477	238.237	ug/l	96
30) Chloroform	7.427	83	493185	50.852	ug/l	99
31) Cyclohexane	7.707	56	391470	51.714	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	444233	51.250	ug/l	99
36) 1,1-Dichloropropene	7.835	75	350485	55.327	ug/l	99
37) Ethyl Acetate	6.988	43	128122	52.245	ug/l	98
38) Carbon Tetrachloride	7.823	117	407589	54.609	ug/l	99
39) Methylcyclohexane	9.110	83	455419	56.265	ug/l	97
40) Benzene	8.085	78	1085256	54.350	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	74712m	55.814	ug/l	
42) 1,2-Dichloroethane	8.158	62	260189	51.505	ug/l	99
43) Isopropyl Acetate	8.201	43	227451	49.363	ug/l	98
44) Trichloroethene	8.866	130	296587	51.714	ug/l	99
45) 1,2-Dichloropropane	9.140	63	237611	53.918	ug/l	98
46) Dibromomethane	9.238	93	140834	51.577	ug/l	97
47) Bromodichloromethane	9.427	83	366417	53.225	ug/l	97
48) Methyl methacrylate	9.225	41	110883	50.935	ug/l	99
49) 1,4-Dioxane	9.231	88	26684	954.908	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	616638	251.647	ug/l	99
52) Toluene	10.170	92	705940	55.376	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	307659	52.816	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	375878	53.858	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	186368	51.073	ug/l	96
56) Ethyl methacrylate	10.439	69	211774	52.673	ug/l	99
57) 1,3-Dichloropropane	10.719	76	300751	51.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	470133	254.826	ug/l	98
59) 2-Hexanone	10.762	43	447949	250.566	ug/l	100
60) Dibromochloromethane	10.914	129	257006	51.259	ug/l	99
61) 1,2-Dibromoethane	11.018	107	174147	50.852	ug/l	99
64) Tetrachloroethene	10.652	164	359845	51.901	ug/l	98
65) Chlorobenzene	11.444	112	763136	52.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	269589	52.574	ug/l	99
67) Ethyl Benzene	11.524	91	1321365	56.300	ug/l	99
68) m/p-Xylenes	11.633	106	1051517	112.136	ug/l	98
69) o-Xylene	11.957	106	478830	55.240	ug/l	97
70) Styrene	11.969	104	801072	56.011	ug/l	99
71) Bromoform	12.133	173	151566	50.608	ug/l #	100
73) Isopropylbenzene	12.255	105	1269095	57.954	ug/l	100
74) N-amyl acetate	12.072	43	186944	50.423	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	179315	51.270	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	143205m	54.043	ug/l	
77) Bromobenzene	12.530	156	305486	53.780	ug/l	97
78) n-propylbenzene	12.597	91	1506138	58.472	ug/l	99
79) 2-Chlorotoluene	12.682	91	850044	56.870	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1034284	58.131	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	59727	50.939	ug/l	99
82) 4-Chlorotoluene	12.780	91	867455	56.273	ug/l	99
83) tert-Butylbenzene	12.999	119	916961	56.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1008797	57.244	ug/l	100
85) sec-Butylbenzene	13.176	105	1345435	57.564	ug/l	100
86) p-Isopropyltoluene	13.292	119	1134346	57.330	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	593476	53.083	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	568041	51.724	ug/l	100
89) n-Butylbenzene	13.621	91	983934	57.187	ug/l	99
90) Hexachloroethane	13.883	117	233079	54.816	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	498599	51.750	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25074	46.562	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	269549	48.911	ug/l	99
94) Hexachlorobutadiene	15.023	225	182754	50.612	ug/l	98
95) Naphthalene	15.145	128	384582	40.978	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	218927	47.547	ug/l	99

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Response via : Initial Calibration

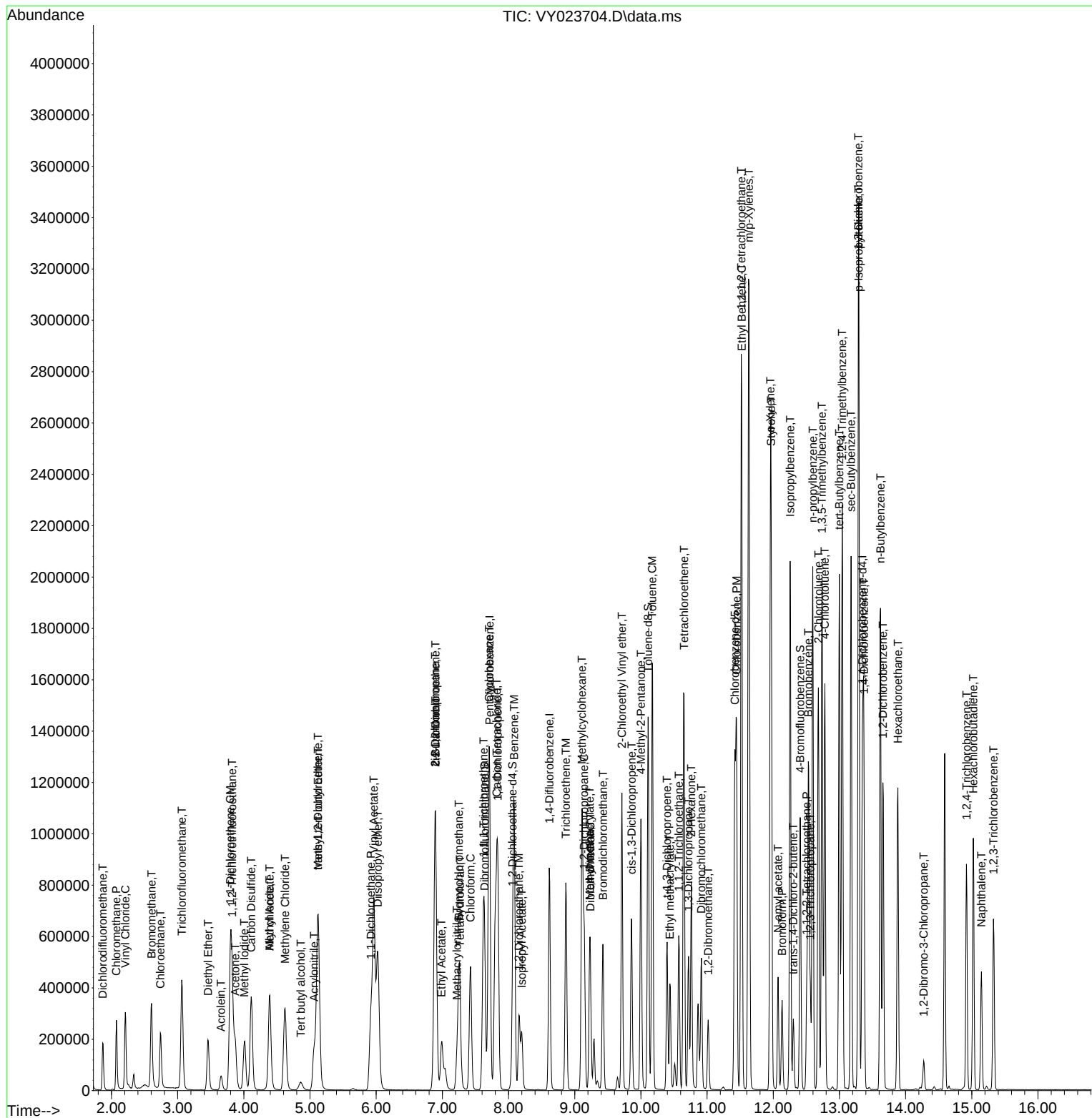
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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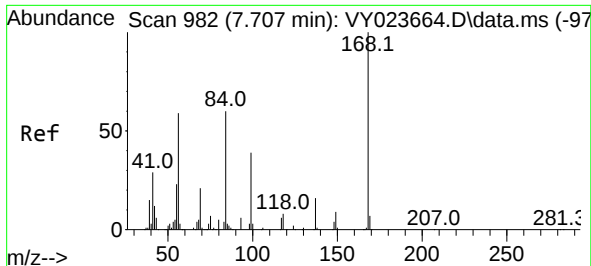
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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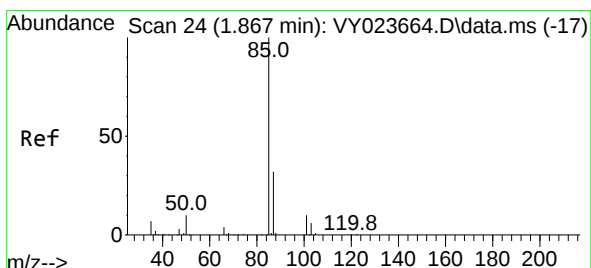
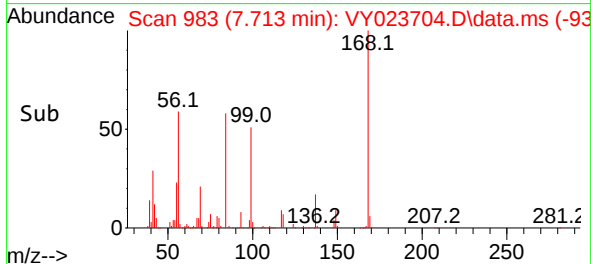
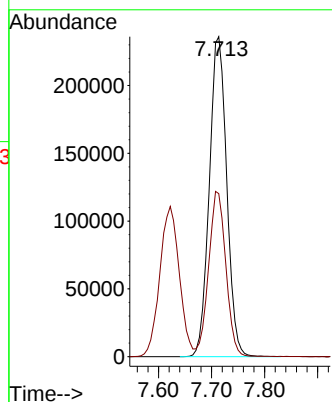
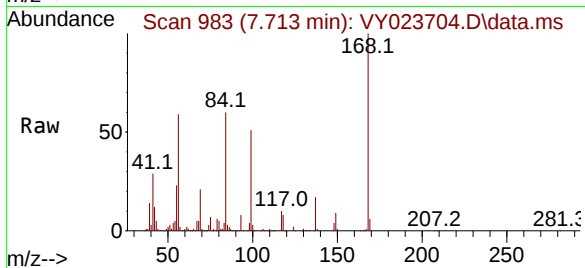




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023704.D
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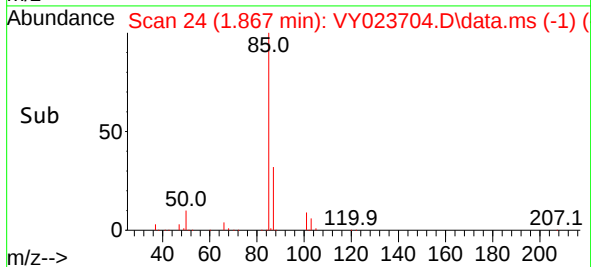
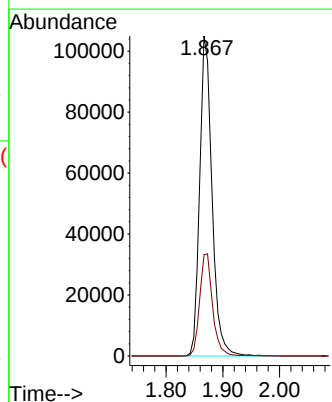
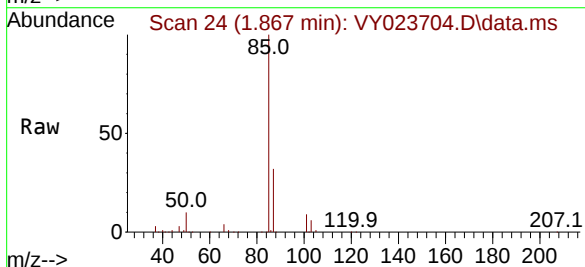
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

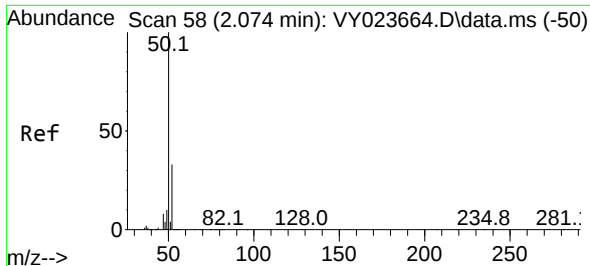
Tgt Ion:168 Resp: 538446
Ion Ratio Lower Upper
168 100
99 50.9 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 44.835 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 85 Resp: 158470
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.6

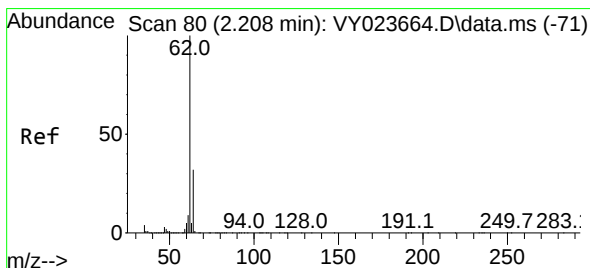
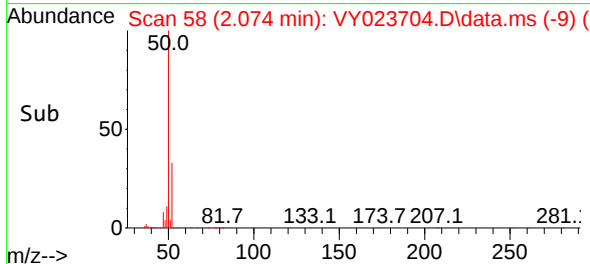
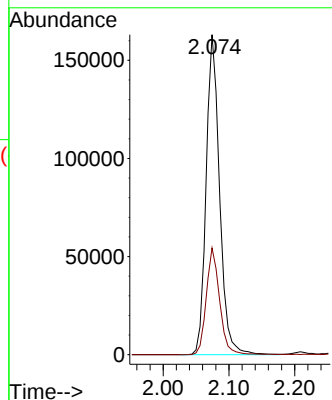
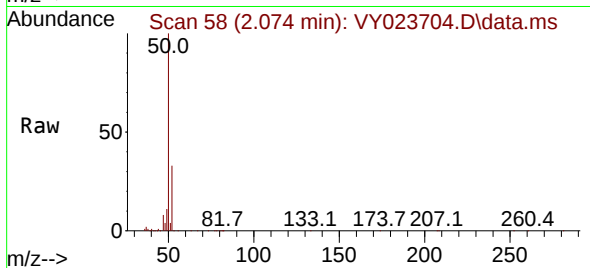




#3
Chloromethane
Concen: 46.918 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

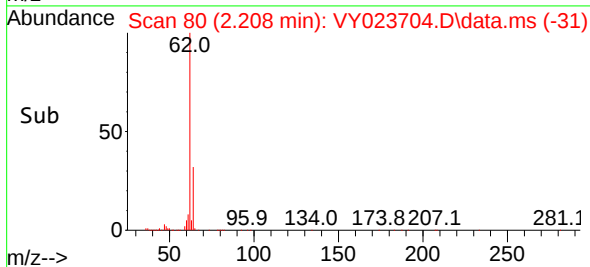
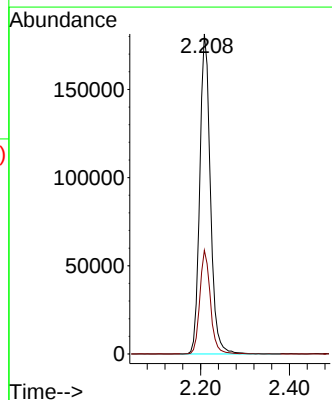
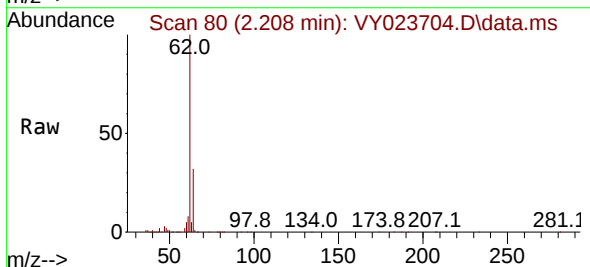
Instrument :
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ClientSampleId :
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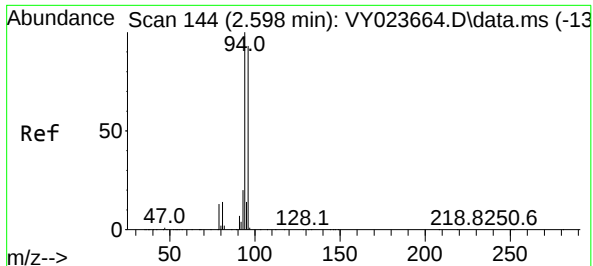
Tgt Ion: 50 Resp: 232062
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 46.761 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 62 Resp: 300957
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5

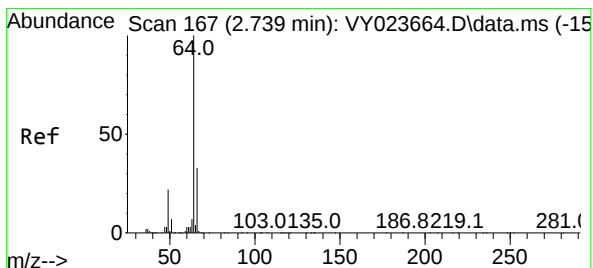
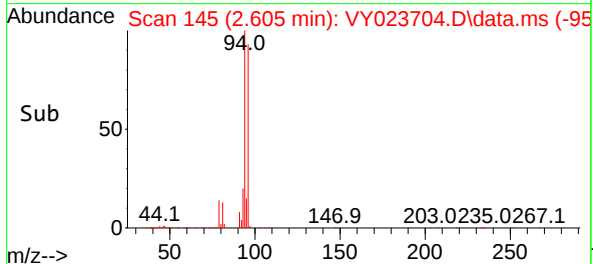
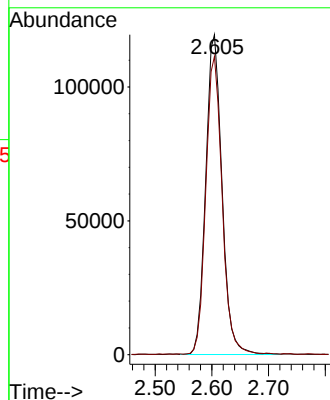
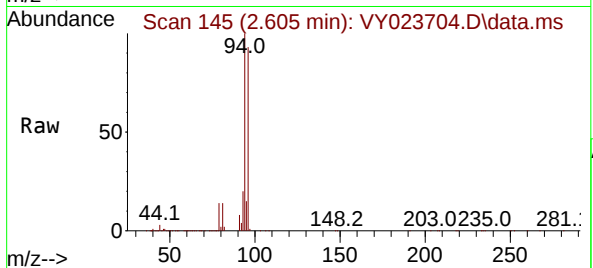




#5
Bromomethane
Concen: 43.979 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023704.D
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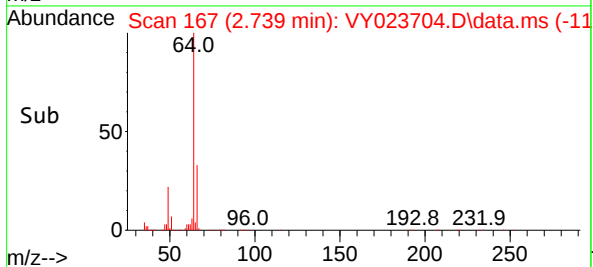
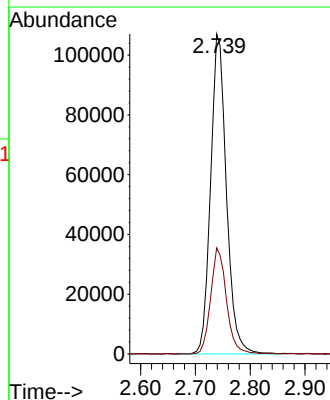
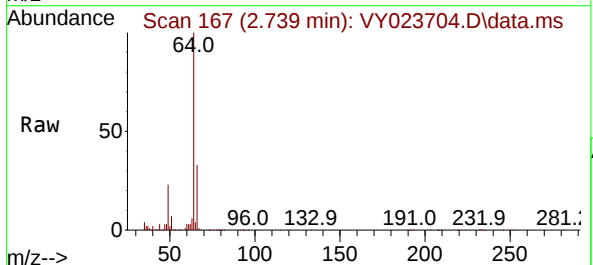
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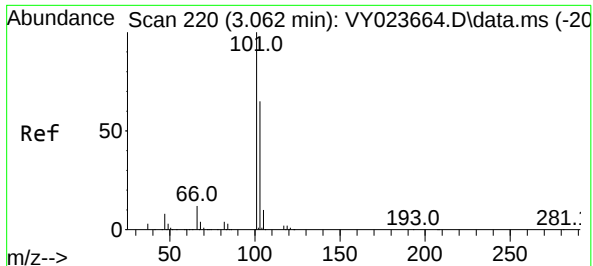
Tgt Ion: 94 Resp: 238095
Ion Ratio Lower Upper
94 100
96 93.1 74.4 111.6



#6
Chloroethane
Concen: 48.030 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023704.D
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Tgt Ion: 64 Resp: 213650
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4

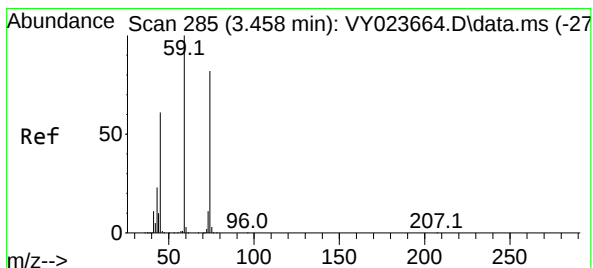
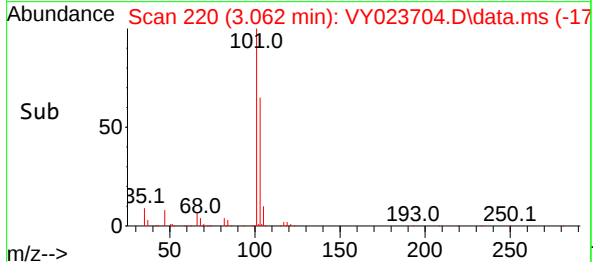
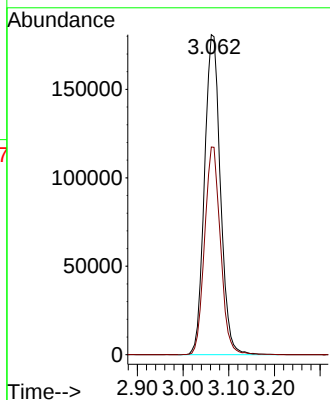
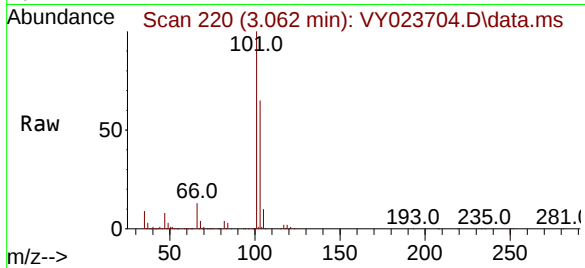




#7
 Trichlorofluoromethane
 Concen: 48.288 ug/l
 RT: 3.062 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY023704.D
 Acq: 07 Nov 2025 08:53

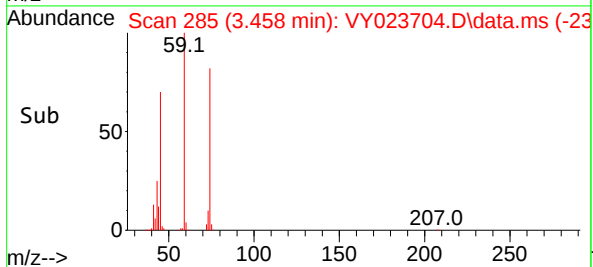
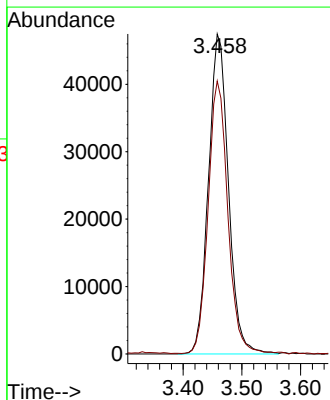
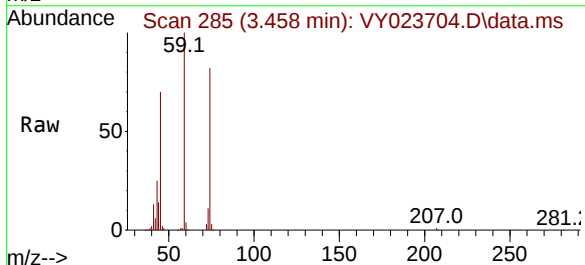
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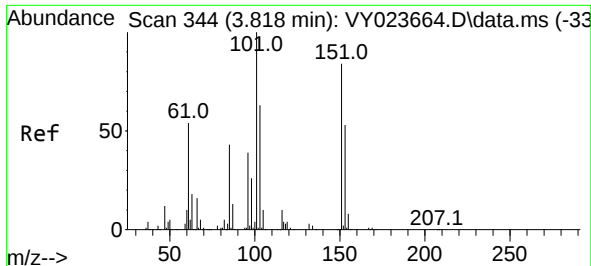
Tgt Ion:101 Resp: 437698
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.1 78.1



#8
 Diethyl Ether
 Concen: 46.013 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023704.D
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Tgt Ion: 74 Resp: 111846
 Ion Ratio Lower Upper
 74 100
 45 84.0 40.6 121.7

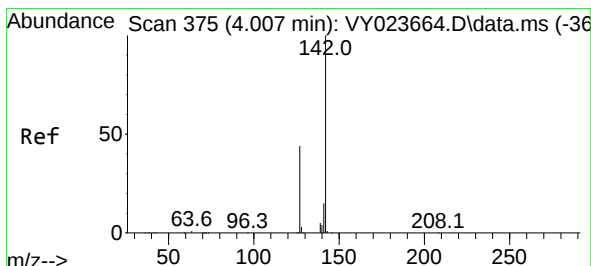
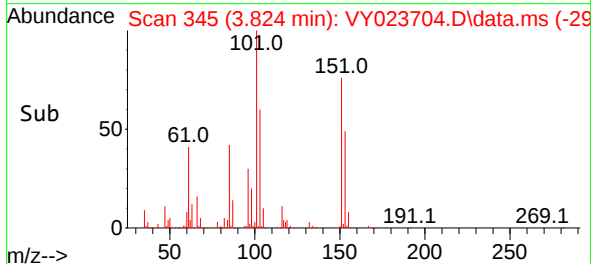
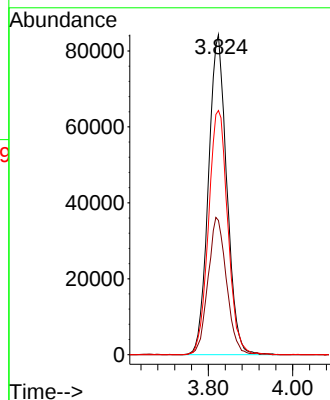
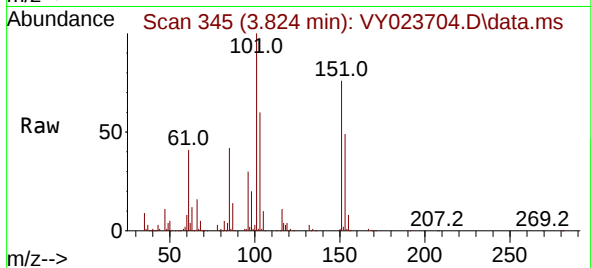




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.008 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

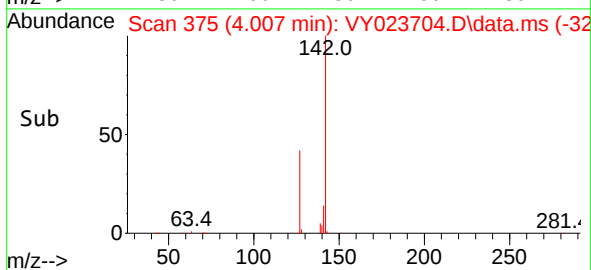
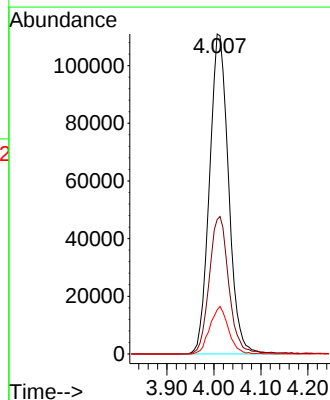
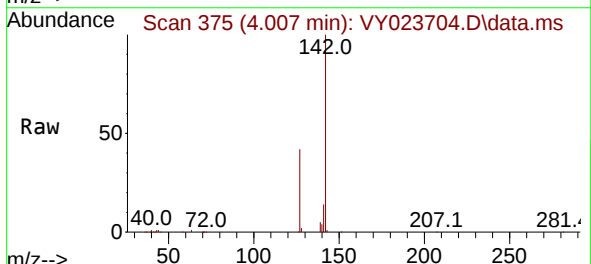
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

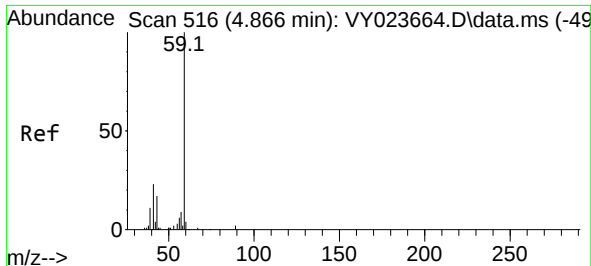
Tgt Ion:101 Resp: 254739
Ion Ratio Lower Upper
101 100
85 43.3 34.4 51.6
151 80.1 65.6 98.4



#10
Methyl Iodide
Concen: 52.966 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion:142 Resp: 312359
Ion Ratio Lower Upper
142 100
127 43.8 34.6 51.8
141 14.4 11.6 17.4

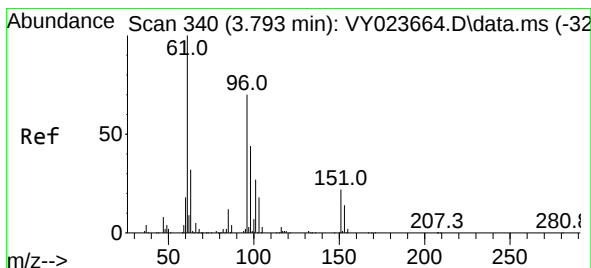
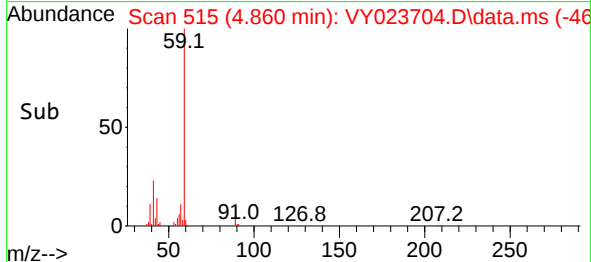
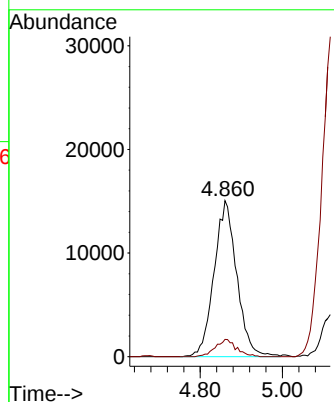
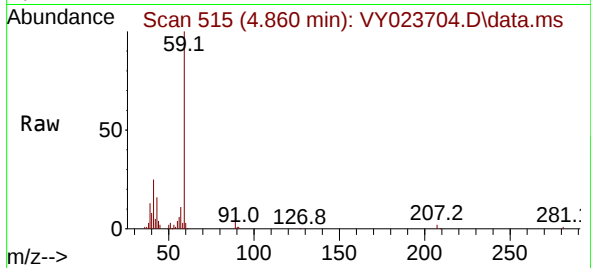




#11
Tert butyl alcohol
Concen: 195.047 ug/l
RT: 4.860 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

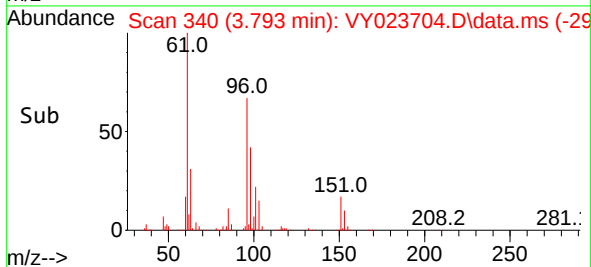
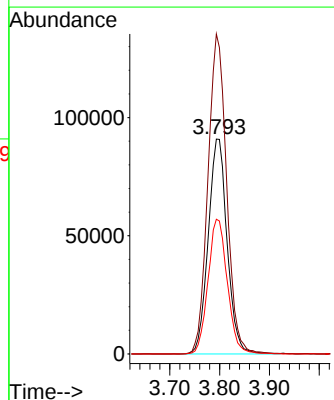
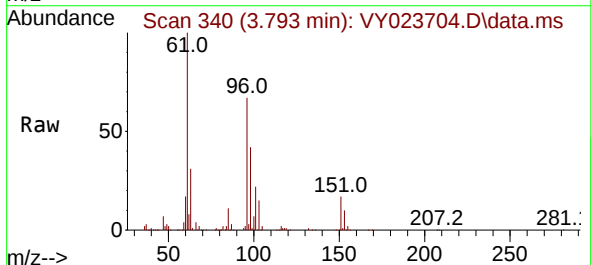
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

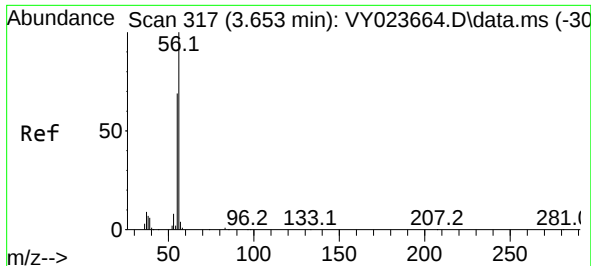
Tgt Ion: 59 Resp: 57765
Ion Ratio Lower Upper
59 100
57 10.3 7.4 11.2



#12
1,1-Dichloroethene
Concen: 49.835 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 96 Resp: 239749
Ion Ratio Lower Upper
96 100
61 148.9 114.0 171.0
98 62.7 50.2 75.2

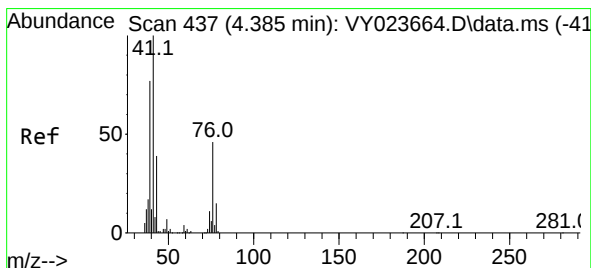
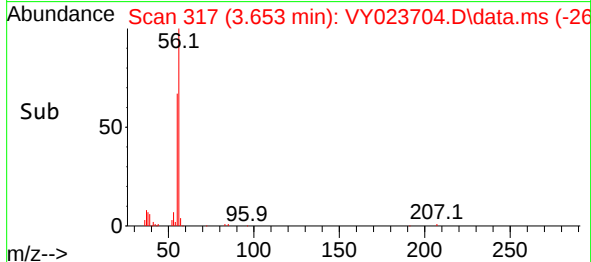
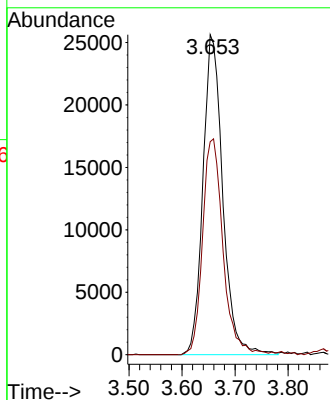
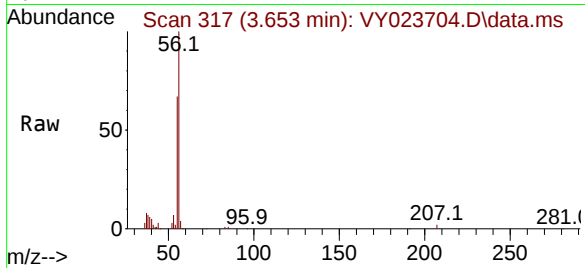




#13
Acrolein
Concen: 174.405 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

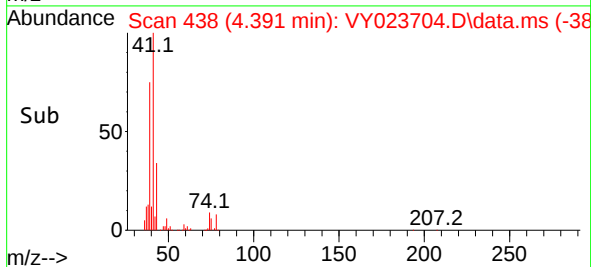
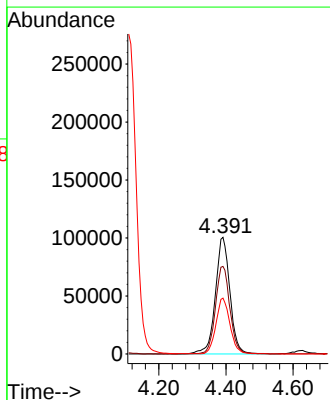
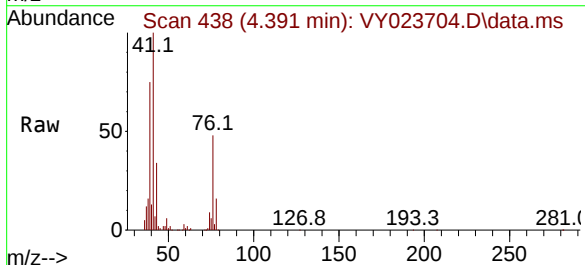
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

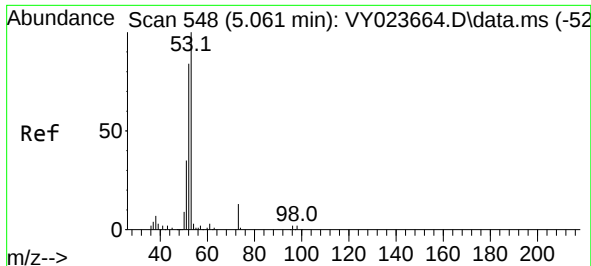
Tgt Ion: 56 Resp: 66389
Ion Ratio Lower Upper
56 100
55 69.5 56.6 84.8



#14
Allyl chloride
Concen: 51.742 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 41 Resp: 302981
Ion Ratio Lower Upper
41 100
39 74.4 60.4 90.6
76 46.1 38.0 57.0

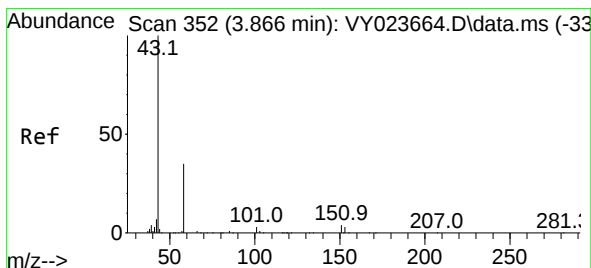
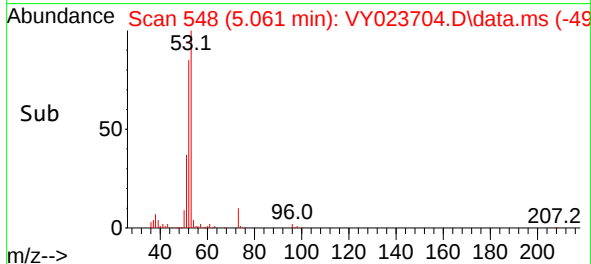
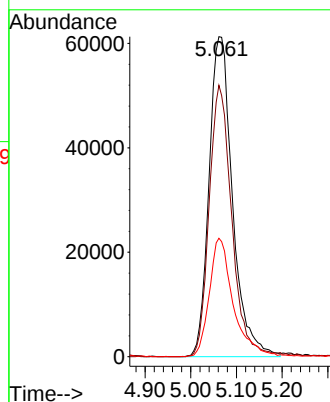
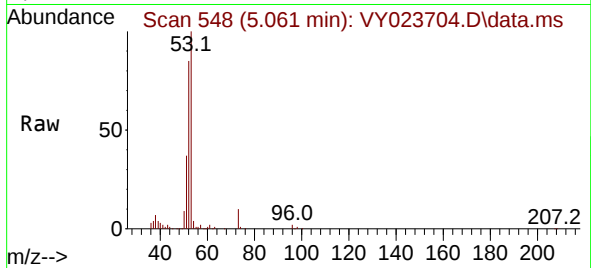




#15
Acrylonitrile
Concen: 235.638 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

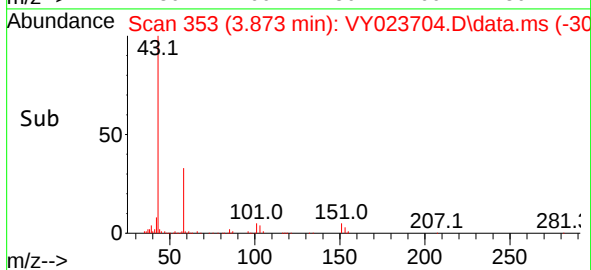
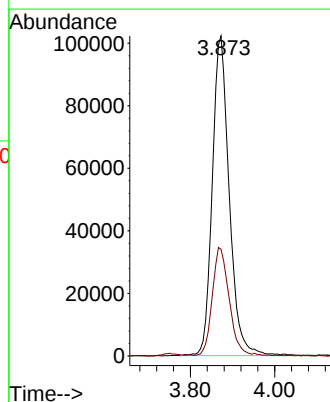
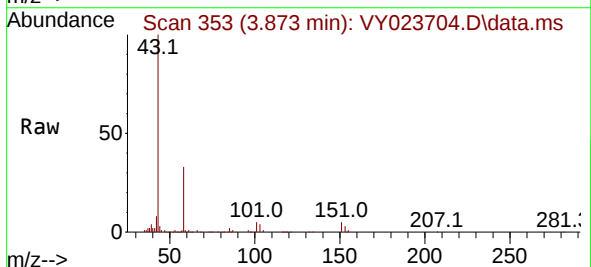
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

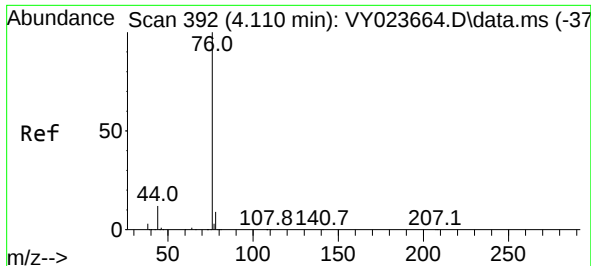
Tgt Ion: 53 Resp: 218892
Ion Ratio Lower Upper
53 100
52 81.9 64.9 97.3
51 38.0 29.4 44.0



#16
Acetone
Concen: 249.442 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 43 Resp: 284784
Ion Ratio Lower Upper
43 100
58 33.2 28.2 42.4

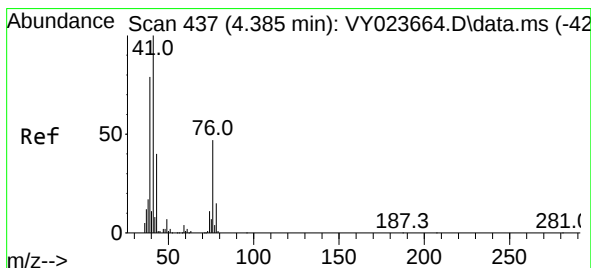
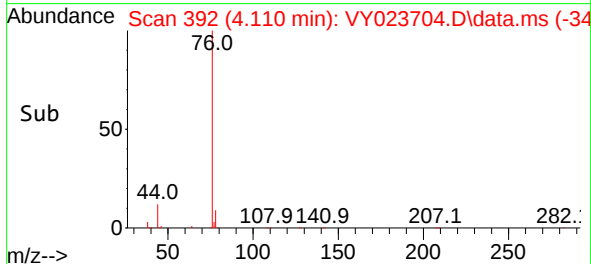
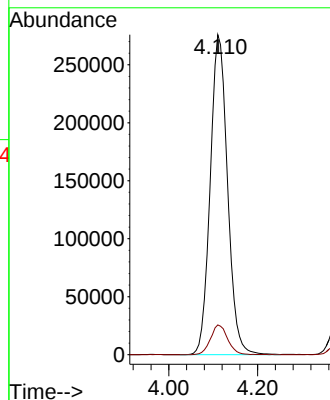
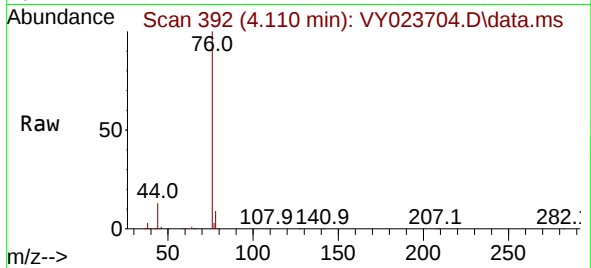




#17
Carbon Disulfide
Concen: 50.625 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

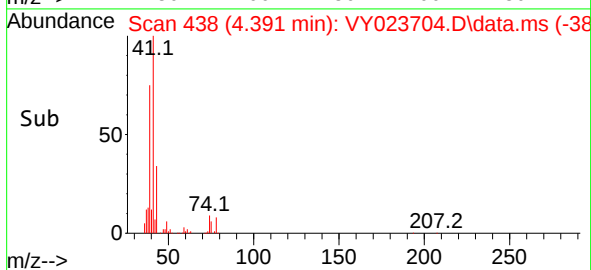
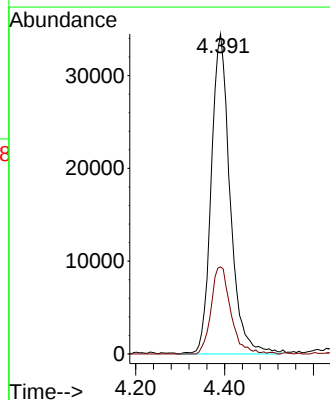
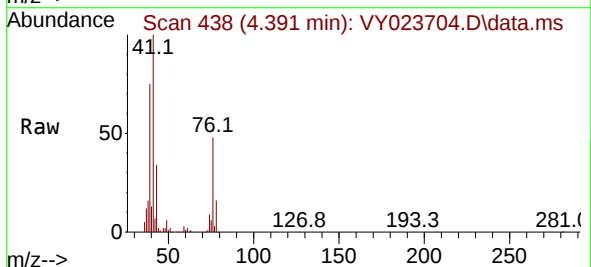
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

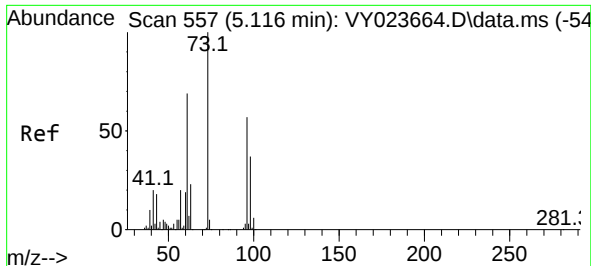
Tgt Ion: 76 Resp: 747498
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 40.318 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 43 Resp: 101530
Ion Ratio Lower Upper
43 100
74 28.1 22.5 33.7

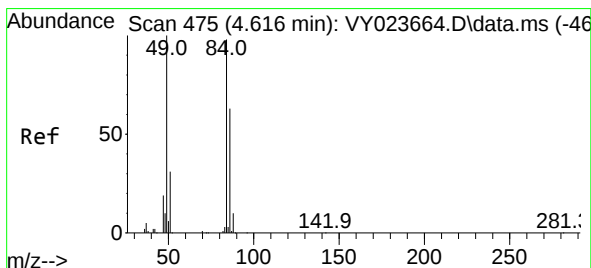
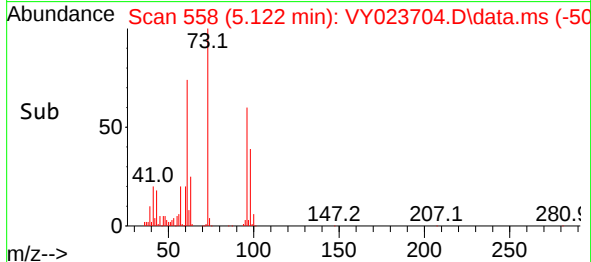
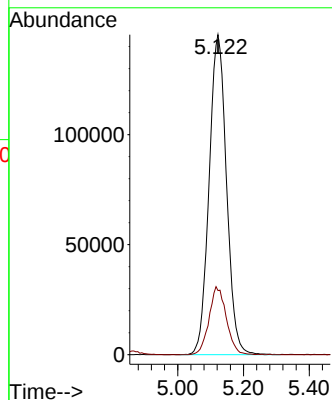
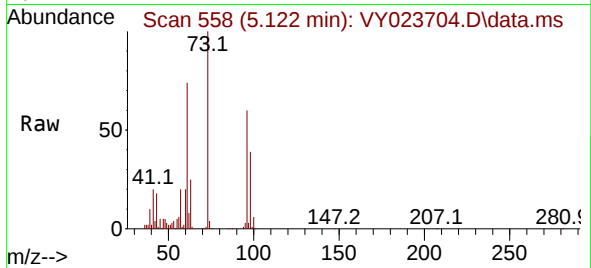




#19
Methyl tert-butyl Ether
Concen: 47.910 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

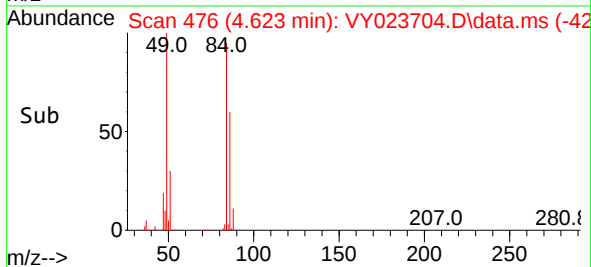
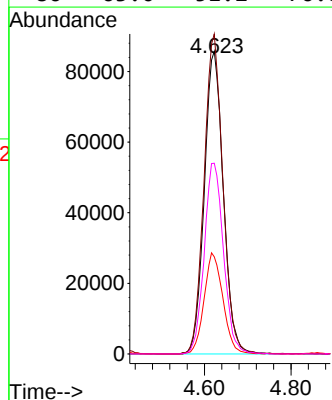
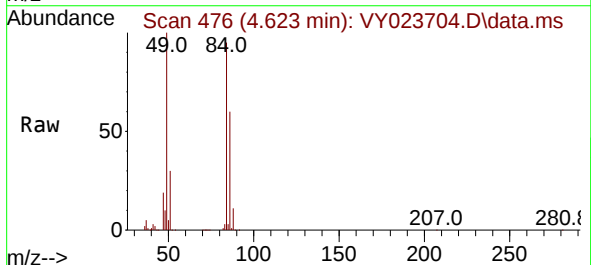
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

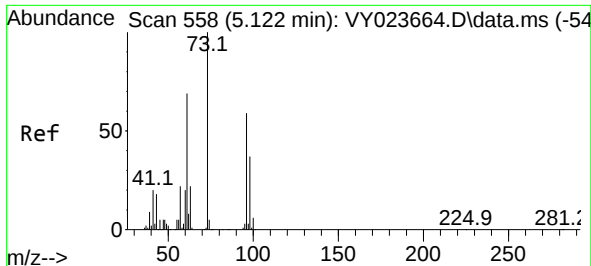
Tgt Ion: 73 Resp: 534447
Ion Ratio Lower Upper
73 100
57 20.0 16.1 24.1



#20
Methylene Chloride
Concen: 47.435 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 84 Resp: 261436
Ion Ratio Lower Upper
84 100
49 105.7 81.5 122.3
51 32.1 25.5 38.3
86 63.0 51.2 76.8

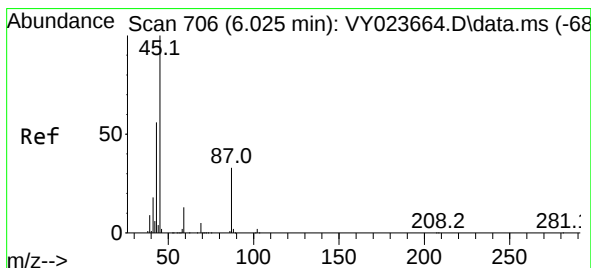
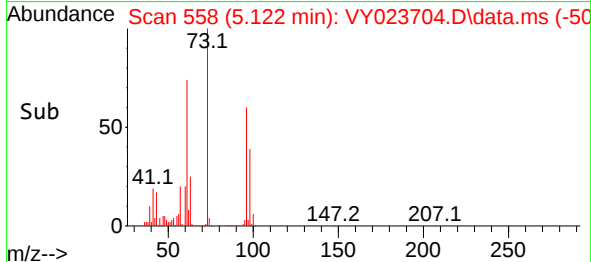
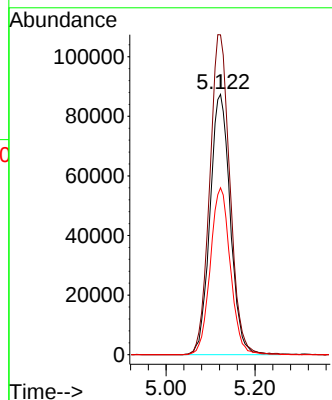
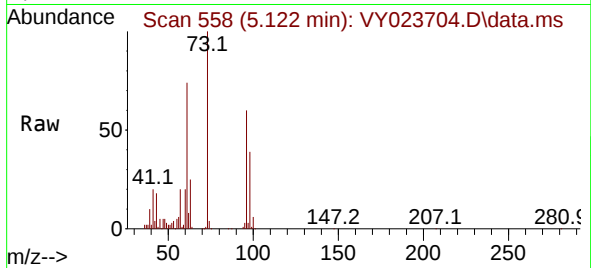




#21
trans-1,2-Dichloroethene
Concen: 50.970 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

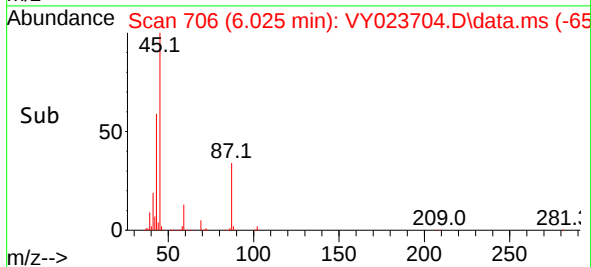
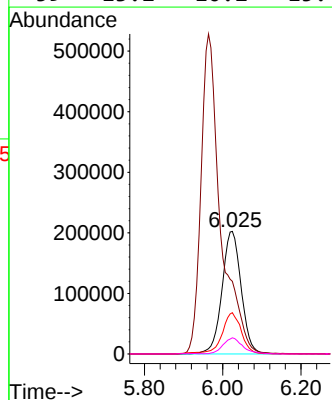
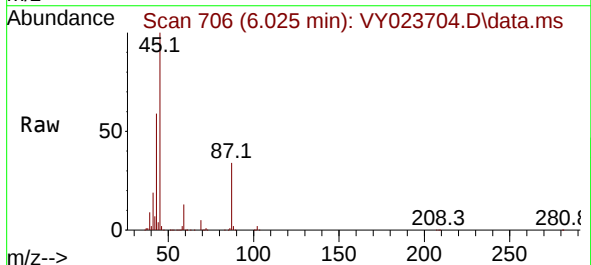
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

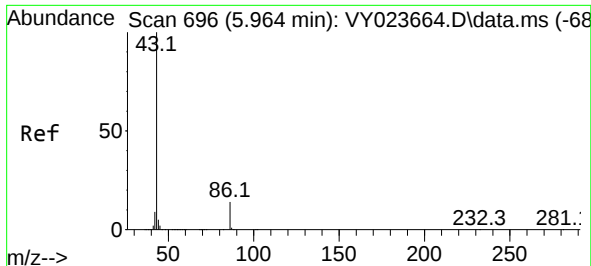
Tgt Ion: 96 Resp: 276477
Ion Ratio Lower Upper
96 100
61 122.8 93.3 139.9
98 64.1 50.6 75.8



#22
Diisopropyl ether
Concen: 52.858 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 45 Resp: 689679
Ion Ratio Lower Upper
45 100
43 59.3 44.7 67.1
87 33.6 27.2 40.8
59 13.2 10.2 15.4

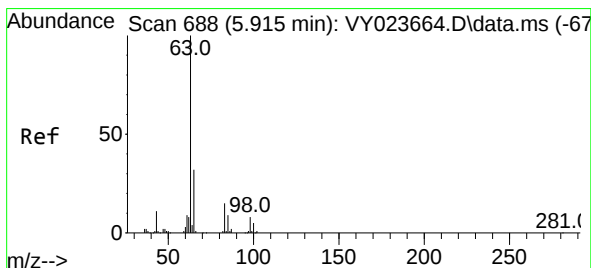
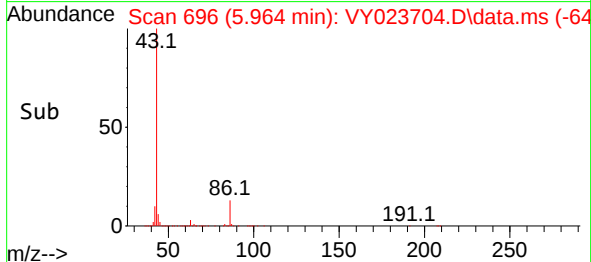
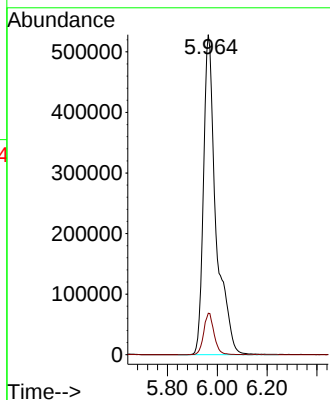
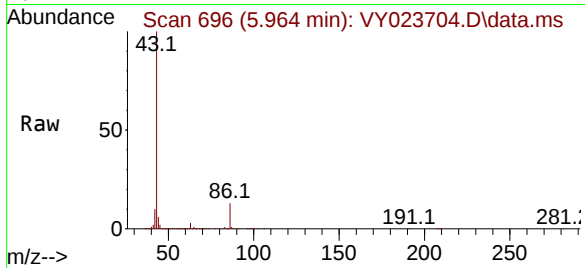




#23
 Vinyl Acetate
 Concen: 265.078 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023704.D
 Acq: 07 Nov 2025 08:53

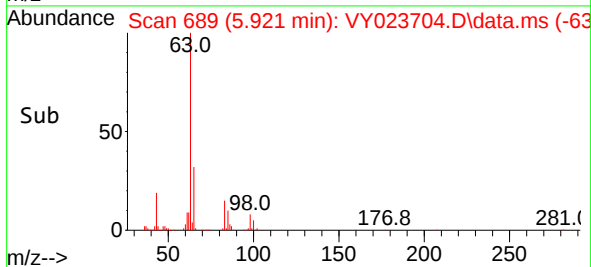
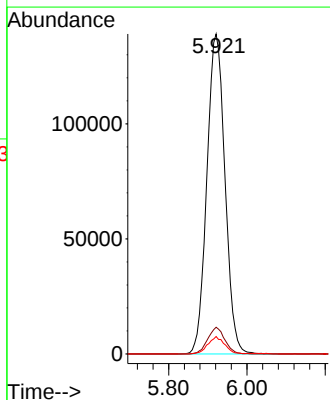
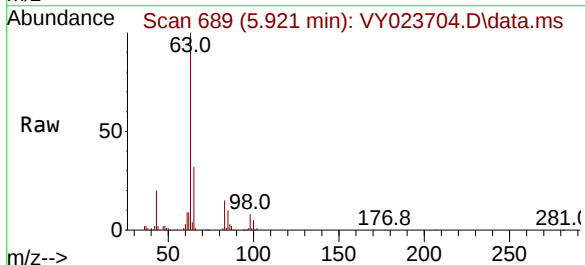
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

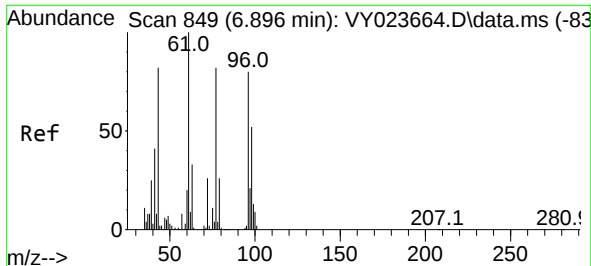
Tgt Ion: 43 Resp: 1845709
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 51.258 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023704.D
 Acq: 07 Nov 2025 08:53

Tgt Ion: 63 Resp: 445545
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 11.9
 100 5.5 2.6 7.8

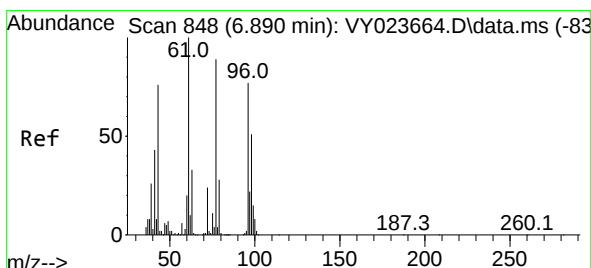
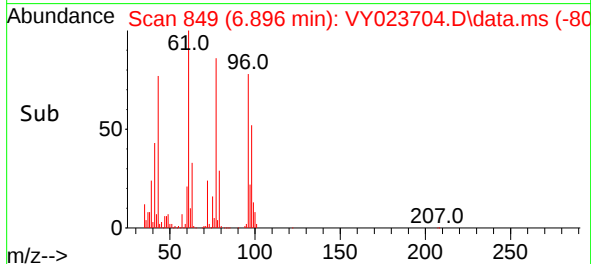
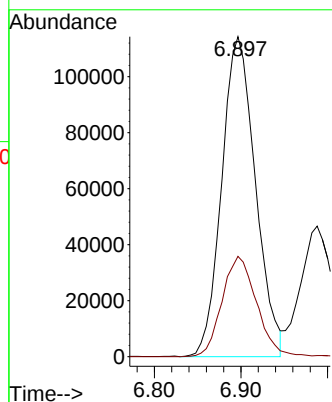
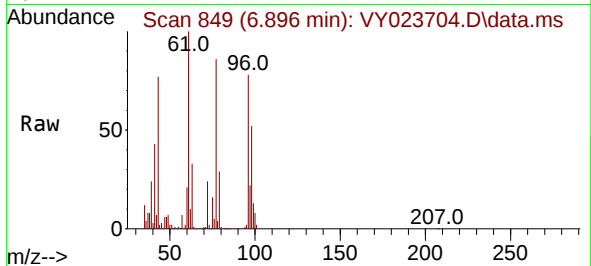




#25
2-Butanone
Concen: 234.344 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

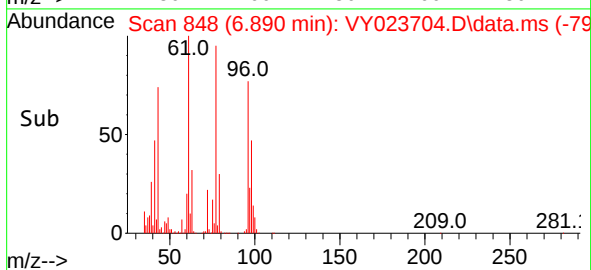
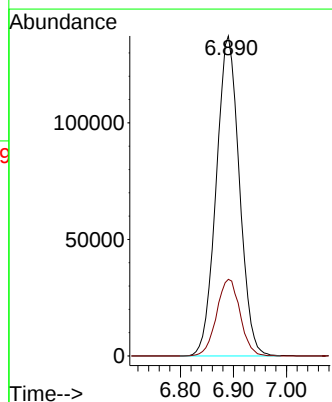
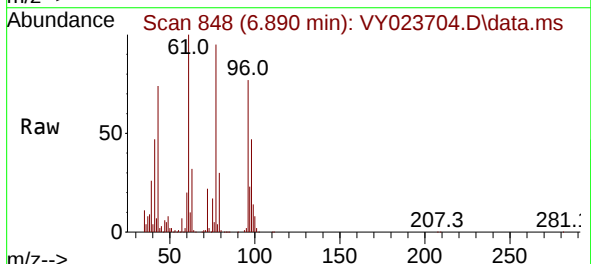
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

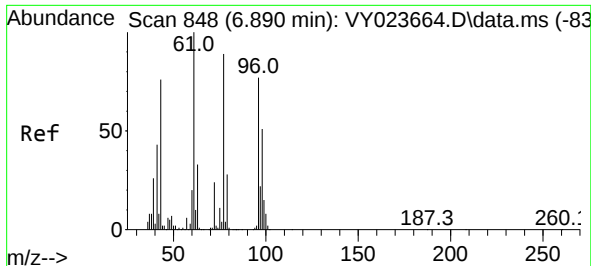
Tgt Ion: 43 Resp: 309332
Ion Ratio Lower Upper
43 100
72 31.3 25.7 38.5



#26
2,2-Dichloropropane
Concen: 51.930 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 77 Resp: 415215
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.841 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

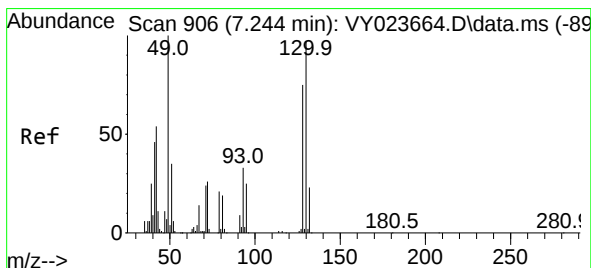
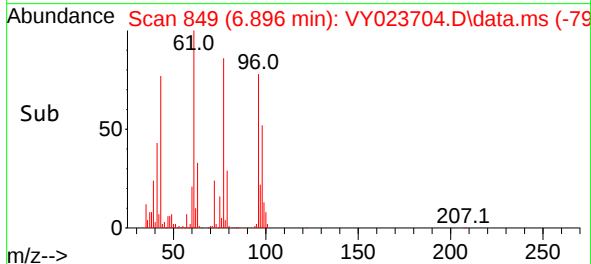
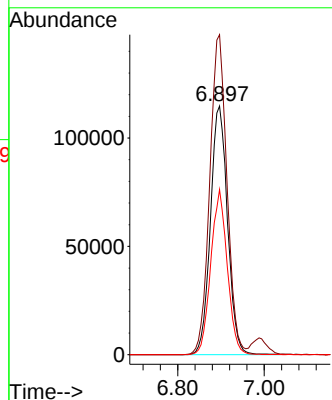
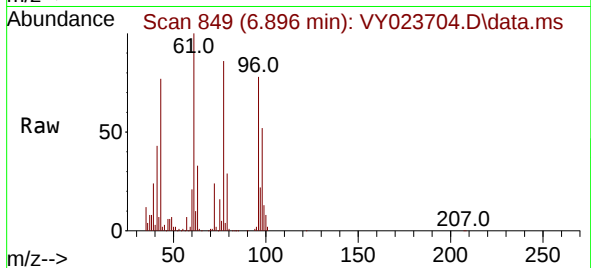
Tgt Ion: 96 Resp: 314964

Ion Ratio Lower Upper

96 100

61 129.3 0.0 255.0

98 63.9 0.0 129.8



#28

Bromochloromethane

Concen: 50.977 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

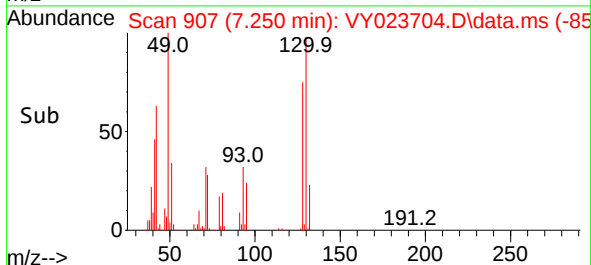
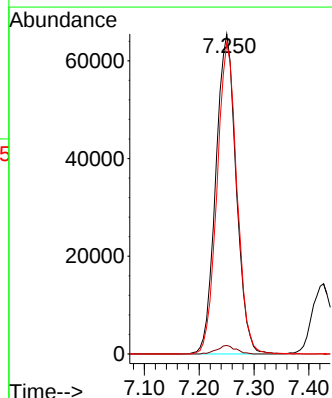
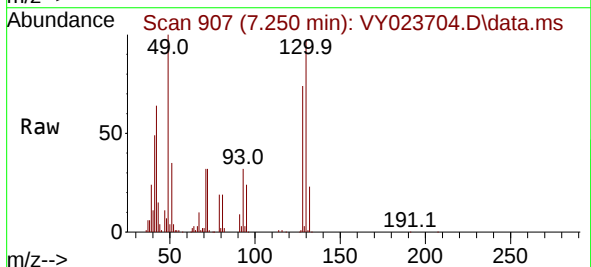
Tgt Ion: 49 Resp: 169664

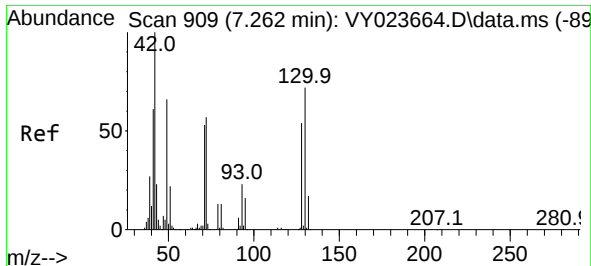
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 94.4 80.1 120.1





#29

Tetrahydrofuran

Concen: 238.237 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

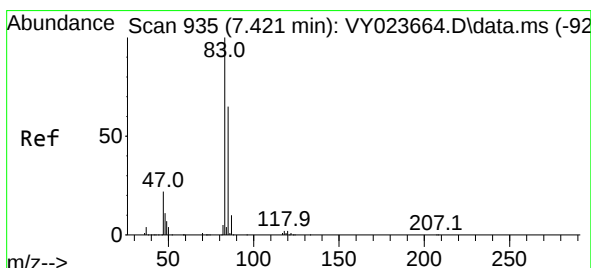
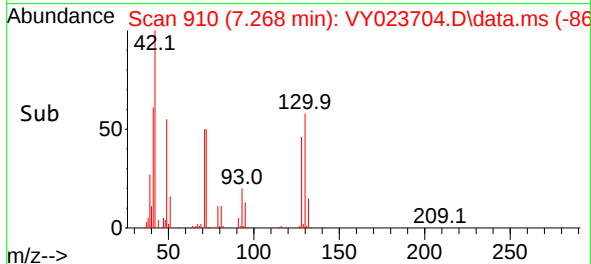
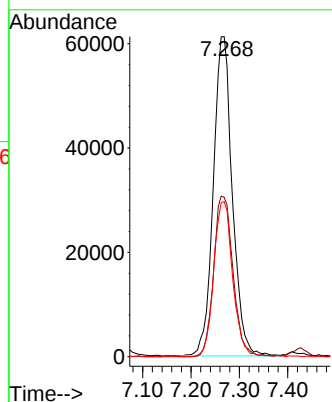
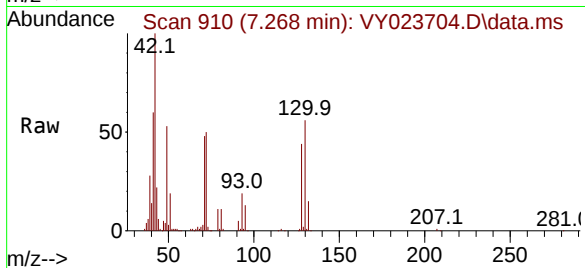
Tgt Ion: 42 Resp: 167477

Ion Ratio Lower Upper

42 100

72 51.2 43.4 65.2

71 48.2 40.7 61.1



#30

Chloroform

Concen: 50.852 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023704.D

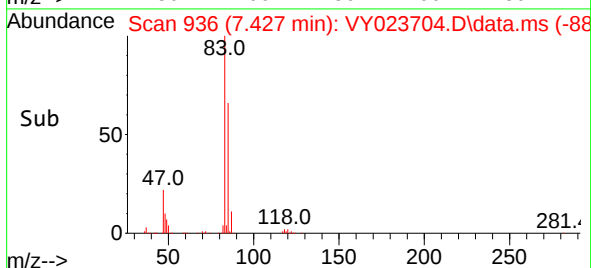
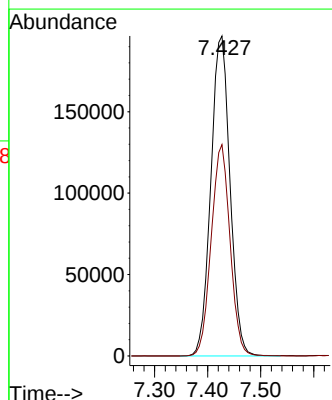
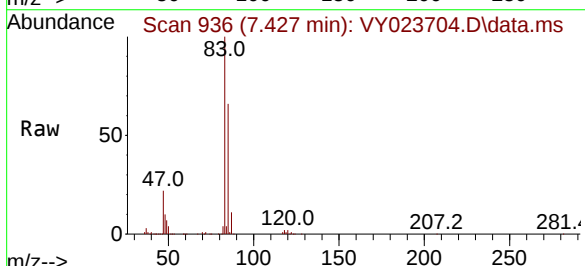
Acq: 07 Nov 2025 08:53

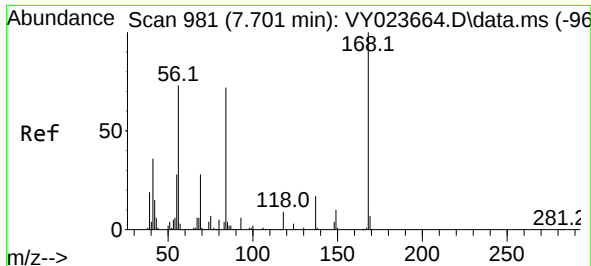
Tgt Ion: 83 Resp: 493185

Ion Ratio Lower Upper

83 100

85 66.1 52.1 78.1

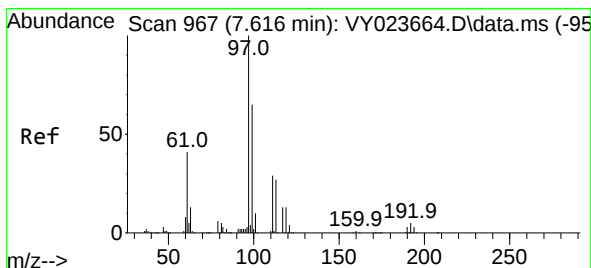
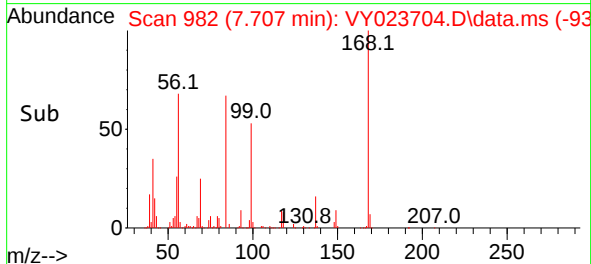
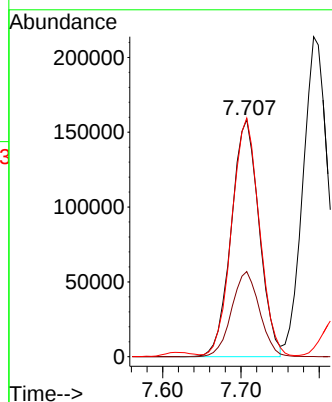
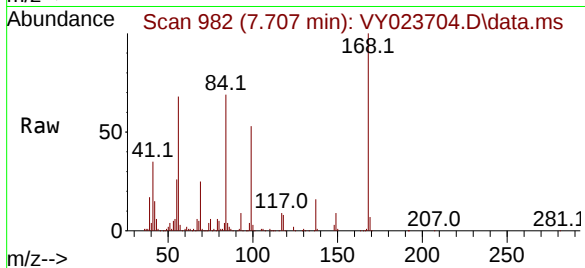




#31
Cyclohexane
Concen: 51.714 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

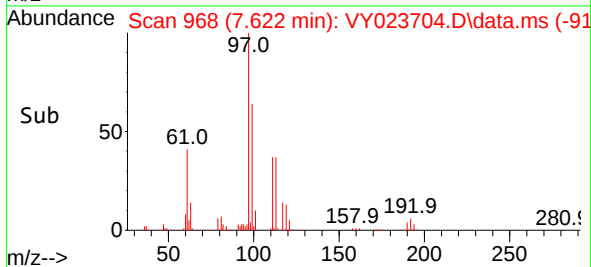
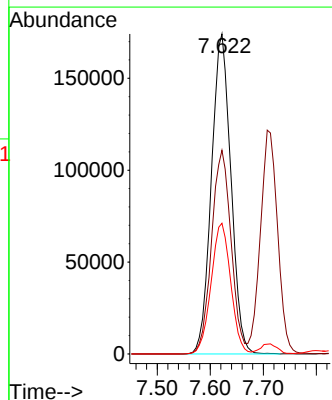
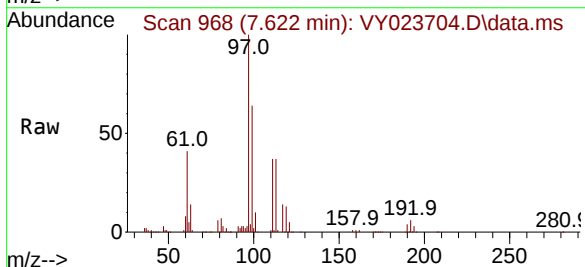
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

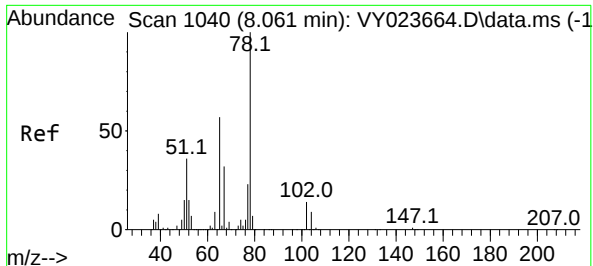
Tgt Ion: 56 Resp: 391470
Ion Ratio Lower Upper
56 100
69 35.9 30.5 45.7
84 98.9 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 51.250 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 97 Resp: 444233
Ion Ratio Lower Upper
97 100
99 63.6 51.5 77.3
61 41.2 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 48.165 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

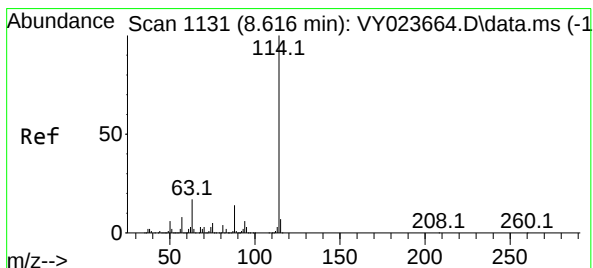
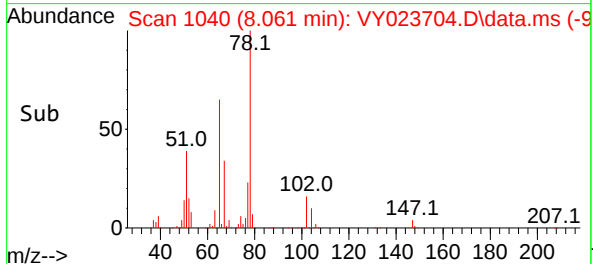
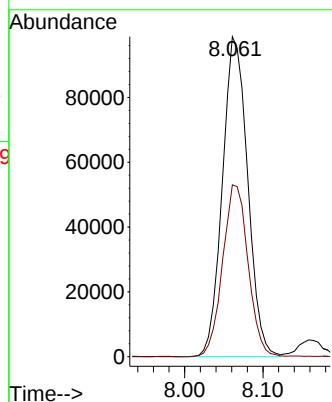
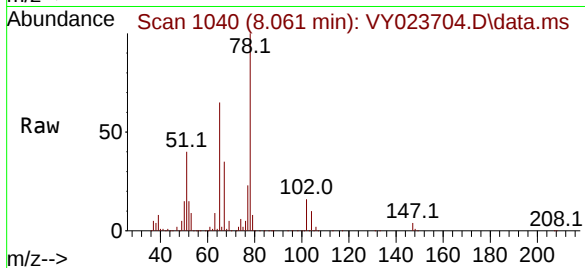
VSTDCCC050

Tgt Ion: 65 Resp: 221221

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

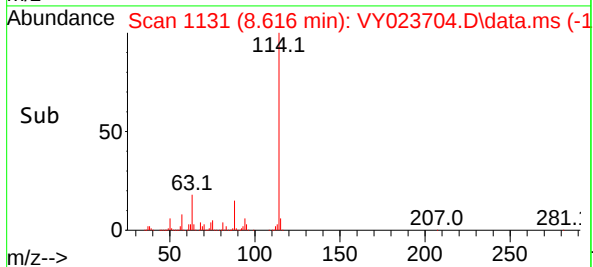
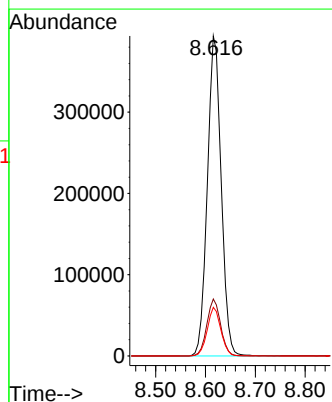
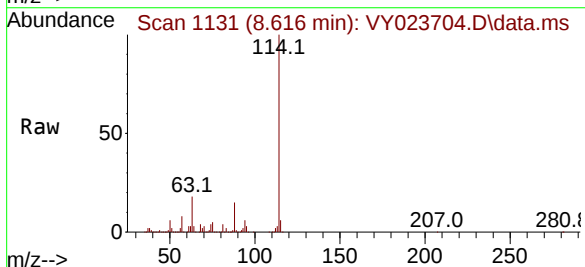
Tgt Ion: 114 Resp: 758592

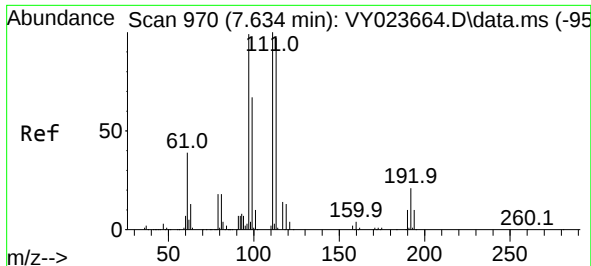
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

88 15.2 0.0 29.0

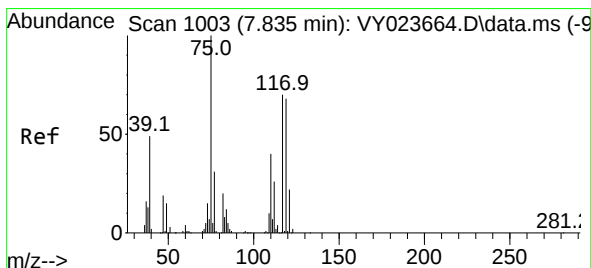
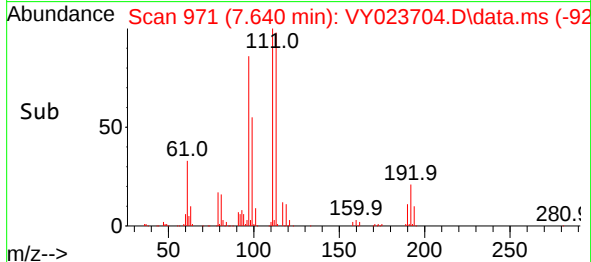
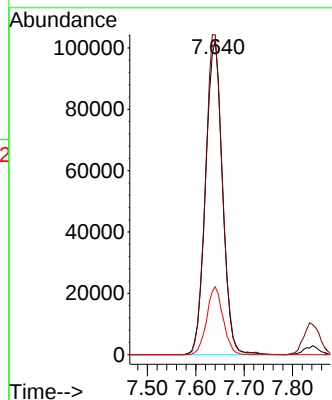
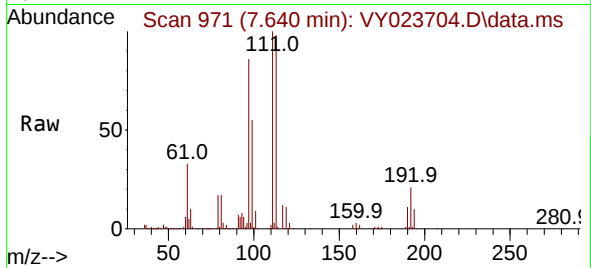




#35
Dibromofluoromethane
Concen: 52.342 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

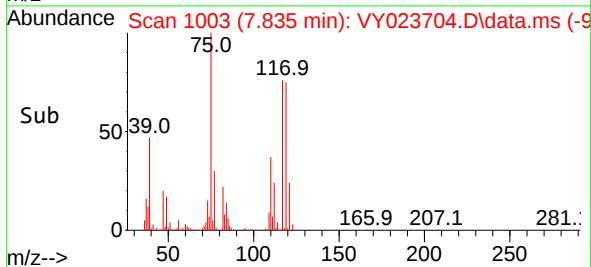
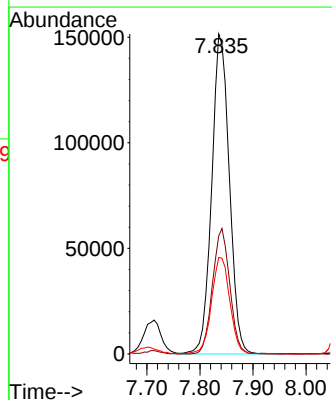
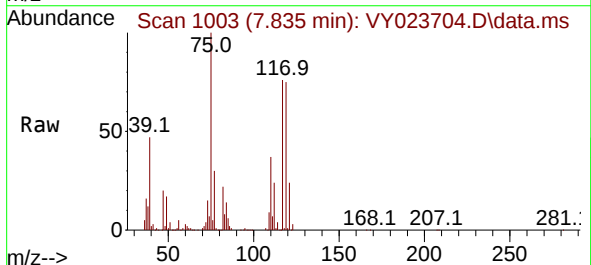
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

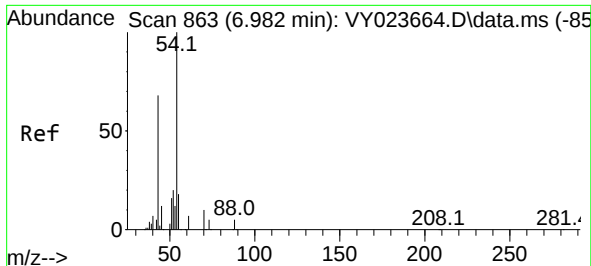
Tgt Ion:113 Resp: 248139
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 21.0 17.3 25.9



#36
1,1-Dichloropropene
Concen: 55.327 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 75 Resp: 350485
Ion Ratio Lower Upper
75 100
110 38.3 19.7 59.0
77 31.3 25.2 37.8





#37

Ethyl Acetate

Concen: 52.245 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

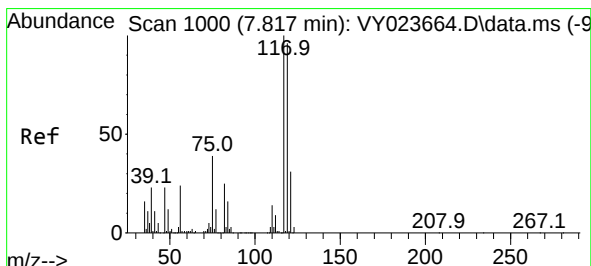
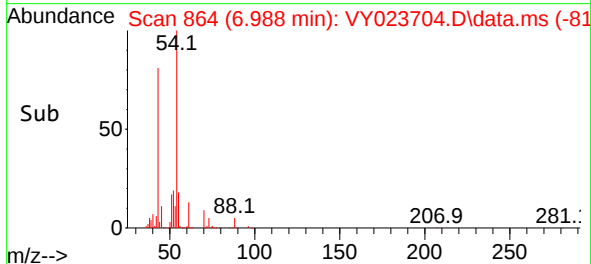
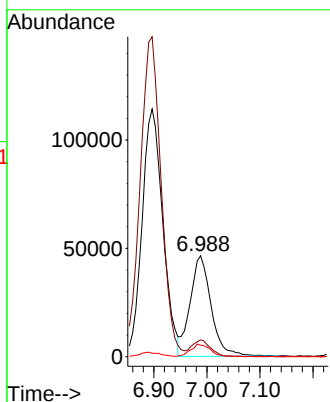
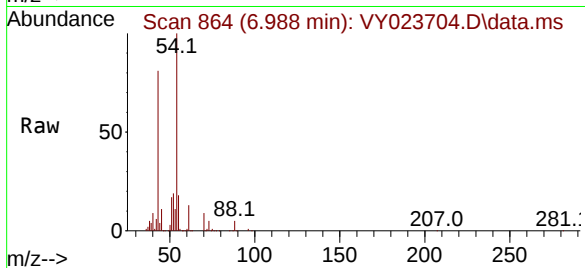
Tgt Ion: 43 Resp: 128122

Ion Ratio Lower Upper

43 100

61 14.7 12.4 18.6

70 11.8 9.8 14.8



#38

Carbon Tetrachloride

Concen: 54.609 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

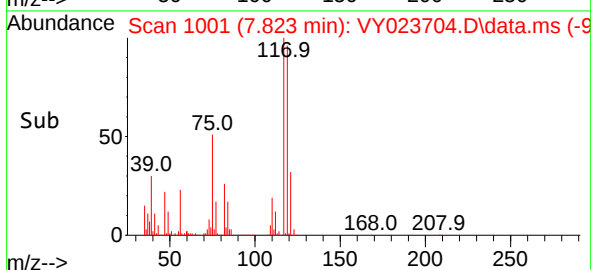
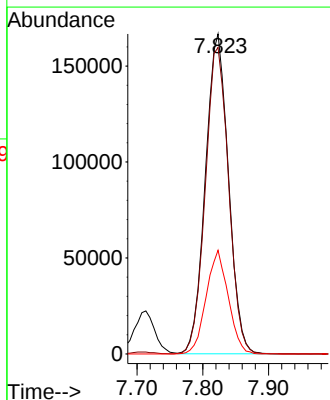
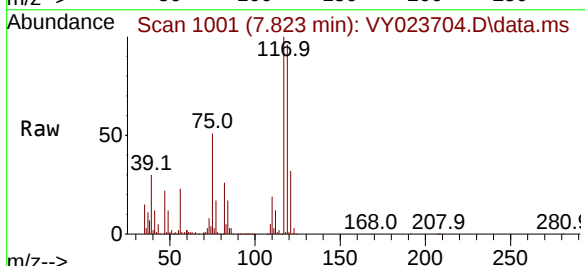
Tgt Ion: 117 Resp: 407589

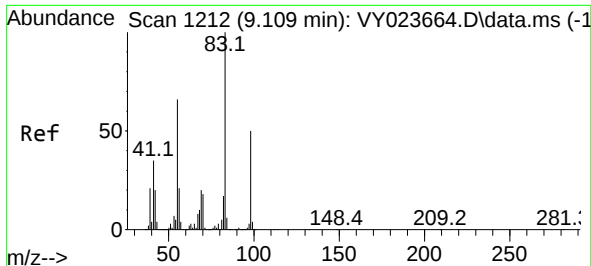
Ion Ratio Lower Upper

117 100

119 95.8 76.3 114.5

121 32.4 24.8 37.2





#39

Methylcyclohexane

Concen: 56.265 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

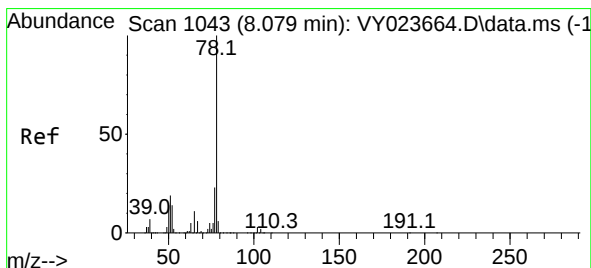
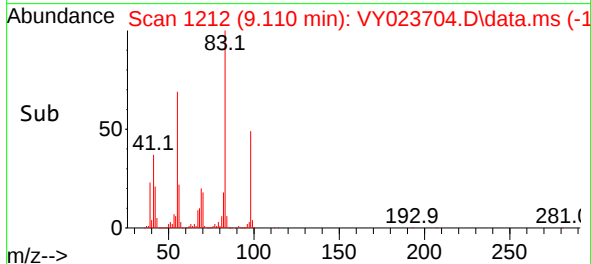
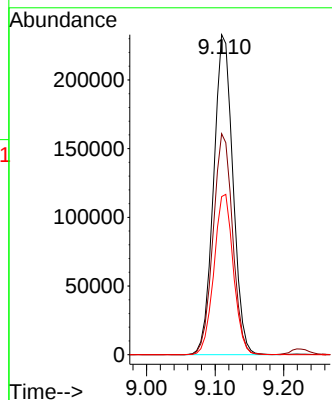
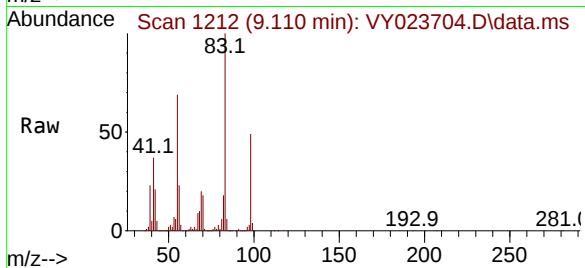
Tgt Ion: 83 Resp: 455419

Ion Ratio Lower Upper

83 100

55 69.1 52.6 78.8

98 49.4 39.7 59.5



#40

Benzene

Concen: 54.350 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023704.D

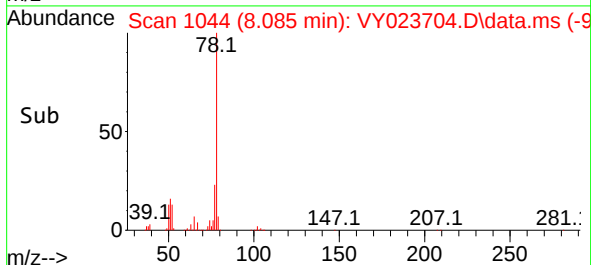
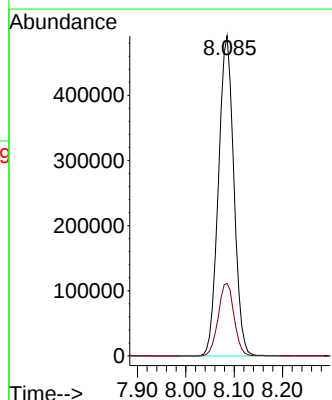
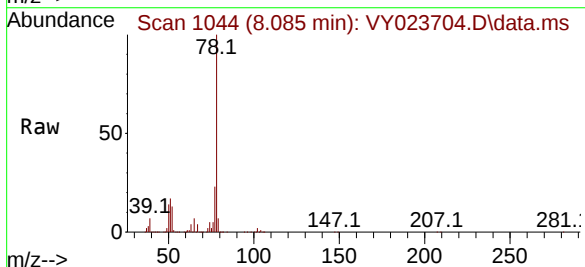
Acq: 07 Nov 2025 08:53

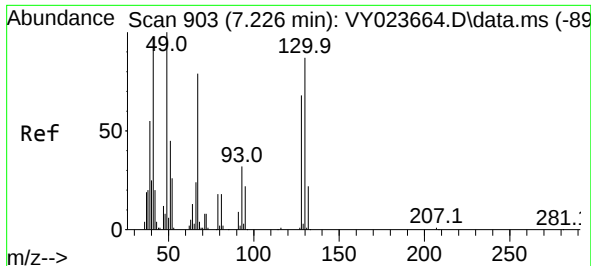
Tgt Ion: 78 Resp: 1085256

Ion Ratio Lower Upper

78 100

77 22.6 18.8 28.2



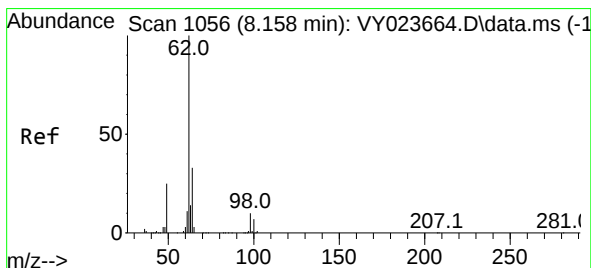
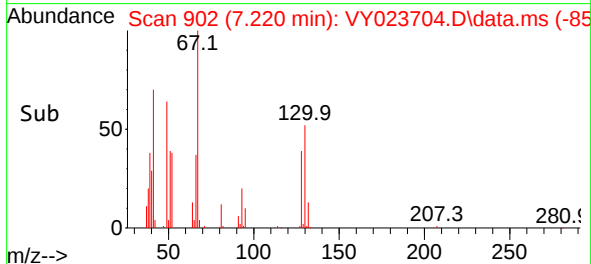
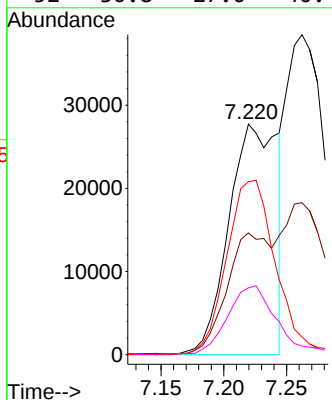
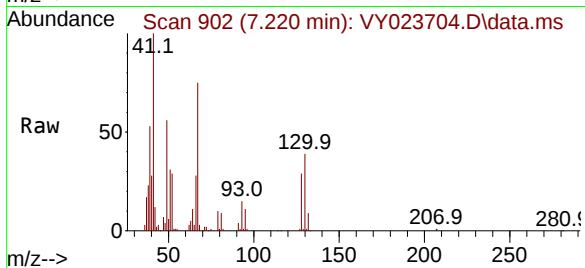


#41
Methacrylonitrile
Concen: 55.814 ug/l m
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 74712

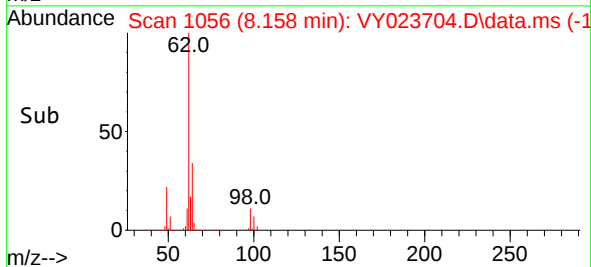
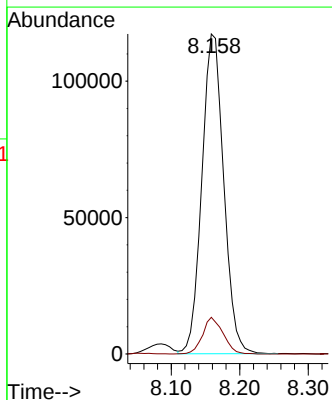
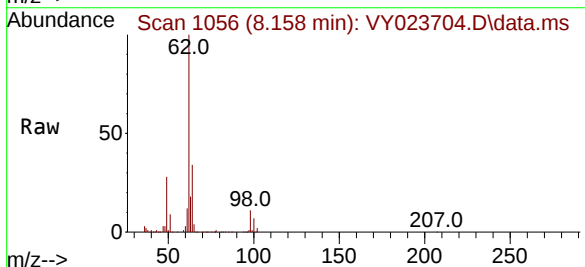
Ion	Ratio	Lower	Upper
41	100		
39	47.3	38.6	57.8
67	76.6	71.3	106.9
52	30.8	27.0	40.4

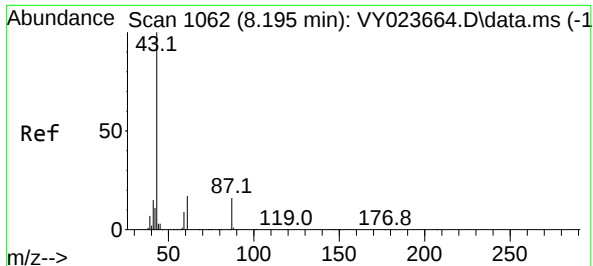


#42
1,2-Dichloroethane
Concen: 51.505 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 62 Resp: 260189

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0

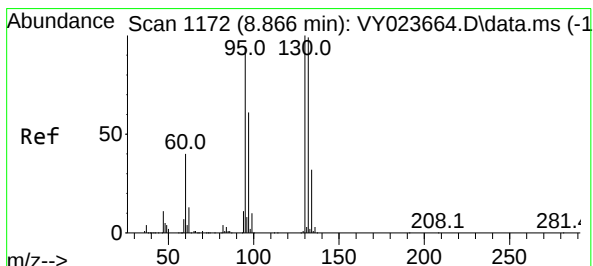
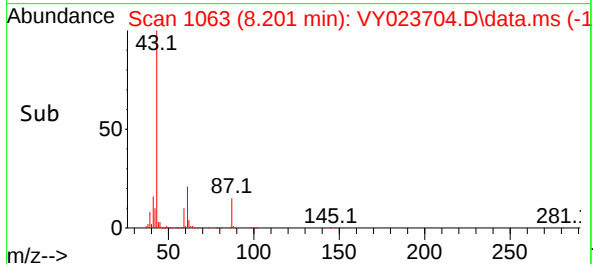
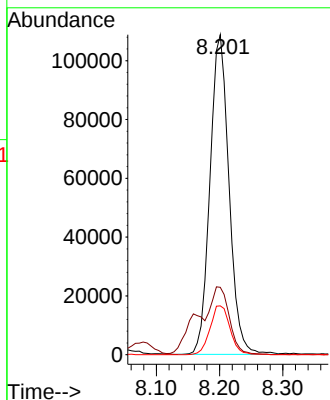
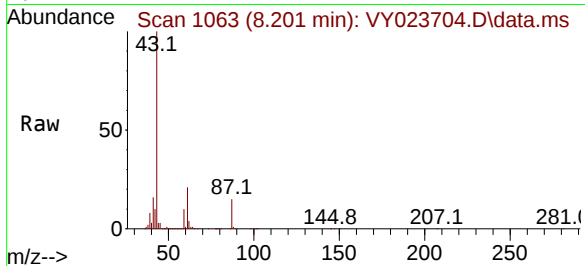




#43
Isopropyl Acetate
Concen: 49.363 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

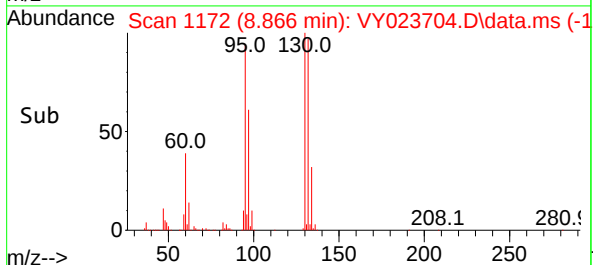
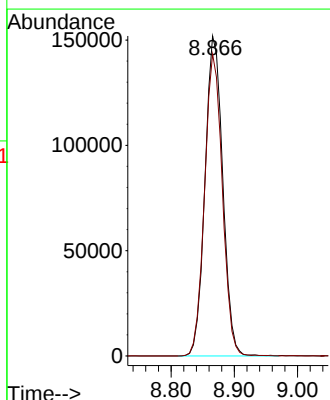
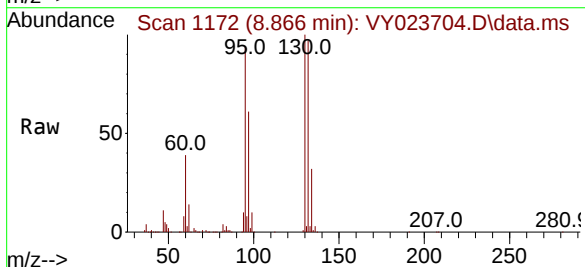
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

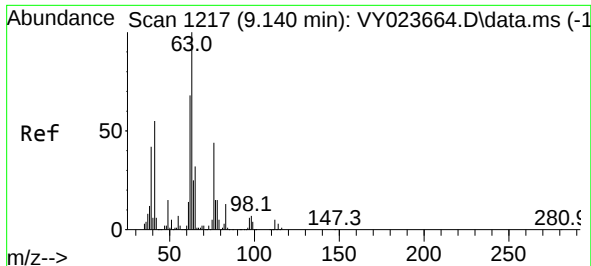
Tgt Ion: 43 Resp: 227451
Ion Ratio Lower Upper
43 100
61 21.3 18.2 27.2
87 16.1 13.3 19.9



#44
Trichloroethene
Concen: 51.714 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion:130 Resp: 296587
Ion Ratio Lower Upper
130 100
95 94.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 53.918 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

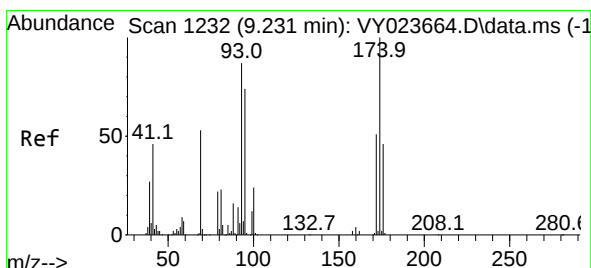
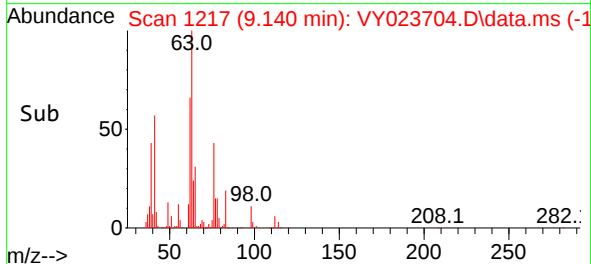
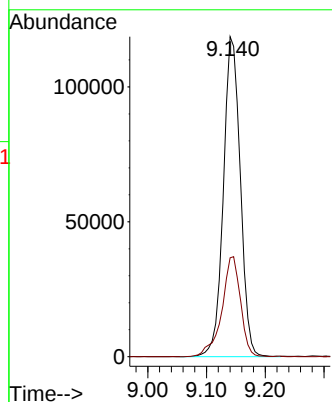
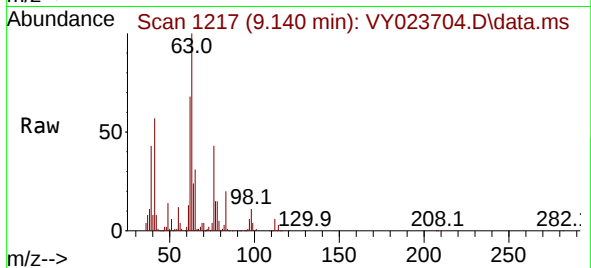
VSTDCCC050

Tgt Ion: 63 Resp: 237611

Ion Ratio Lower Upper

63 100

65 30.9 25.6 38.4



#46

Dibromomethane

Concen: 51.577 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

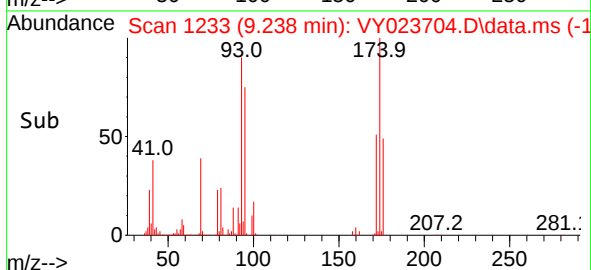
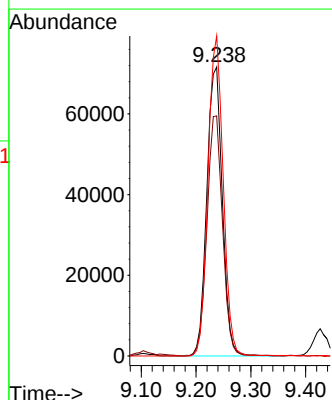
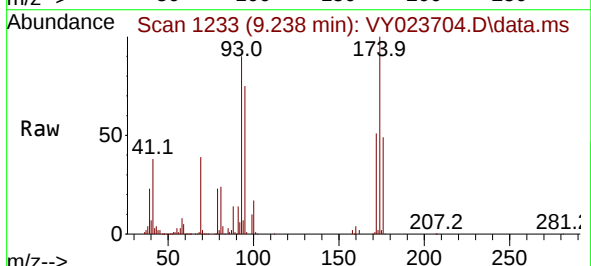
Tgt Ion: 93 Resp: 140834

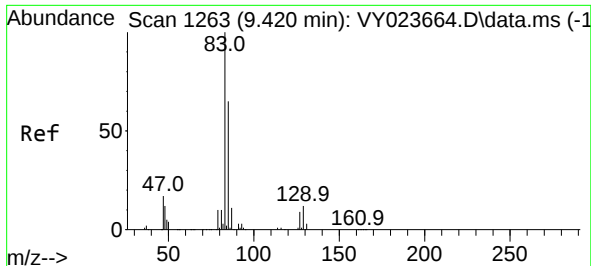
Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.2

174 107.8 89.4 134.0

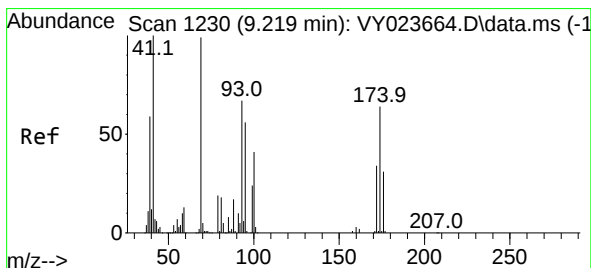
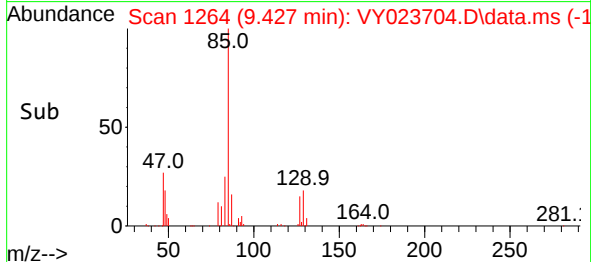
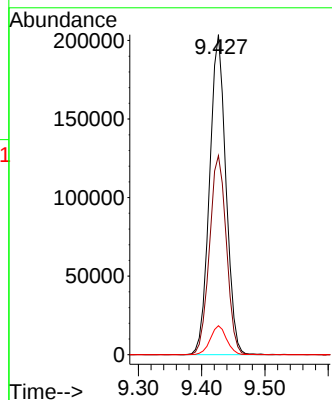
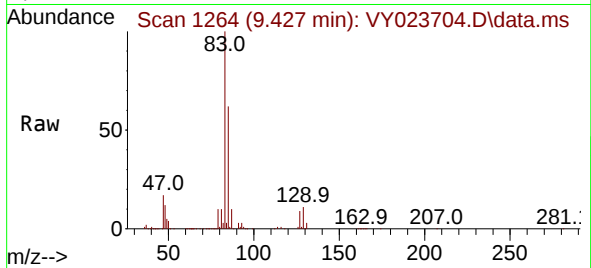




#47
Bromodichloromethane
Concen: 53.225 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

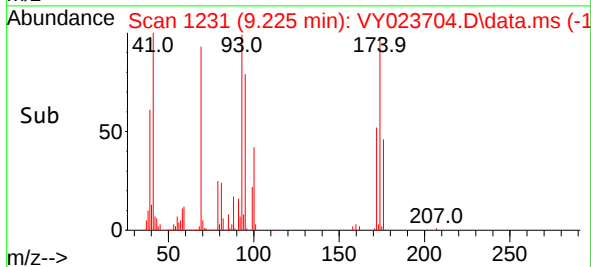
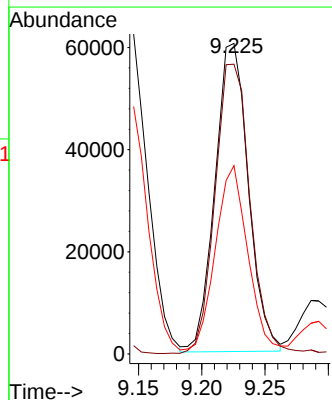
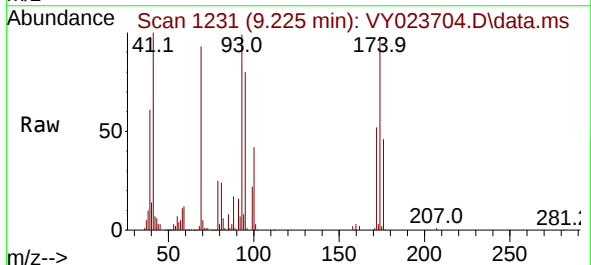
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

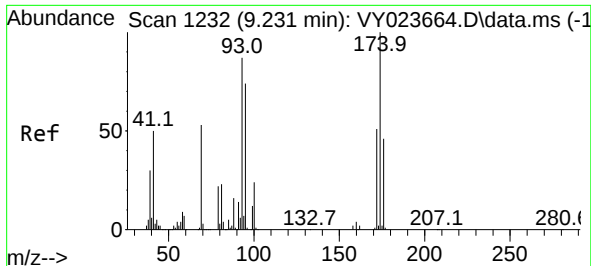
Tgt Ion: 83 Resp: 366417
Ion Ratio Lower Upper
83 100
85 62.2 52.1 78.1
127 9.1 7.5 11.3



#48
Methyl methacrylate
Concen: 50.935 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 41 Resp: 110883
Ion Ratio Lower Upper
41 100
69 99.1 80.2 120.2
39 57.6 47.4 71.0





#49

1,4-Dioxane

Concen: 954.908 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

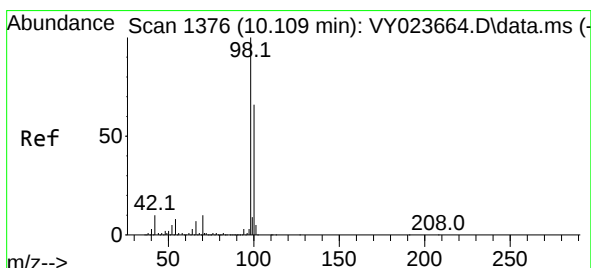
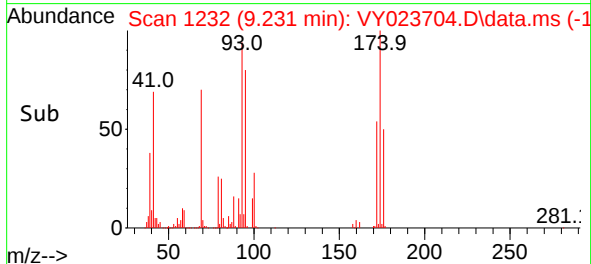
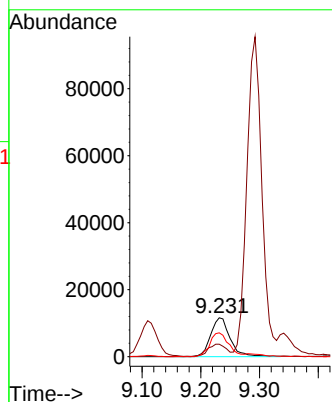
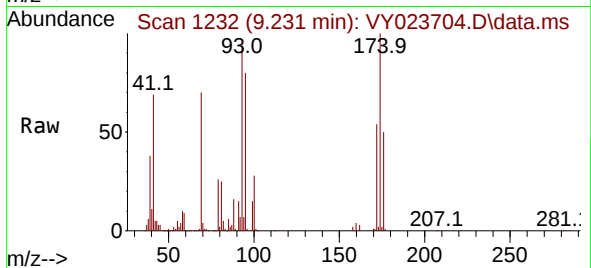
Tgt Ion: 88 Resp: 26684

Ion Ratio Lower Upper

88 100

43 28.4 22.0 33.0

58 60.0 47.8 71.8



#50

Toluene-d8

Concen: 53.955 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023704.D

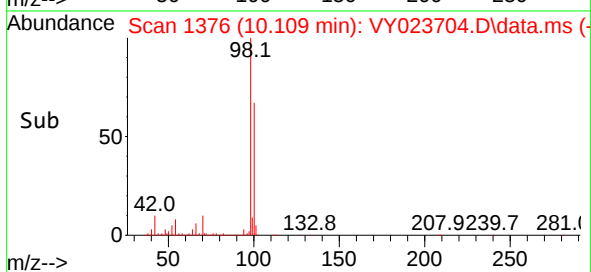
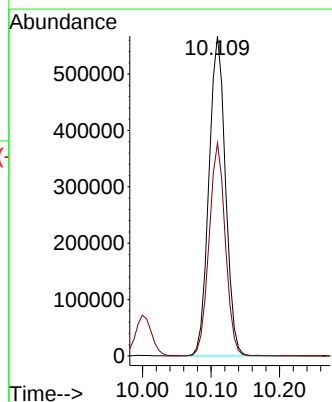
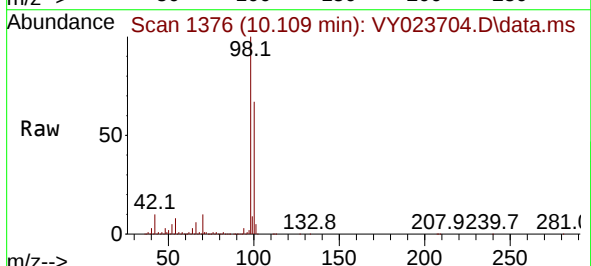
Acq: 07 Nov 2025 08:53

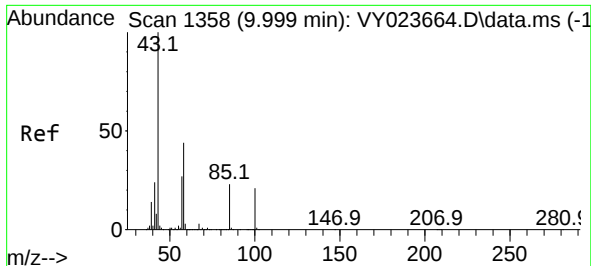
Tgt Ion: 98 Resp: 952808

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1

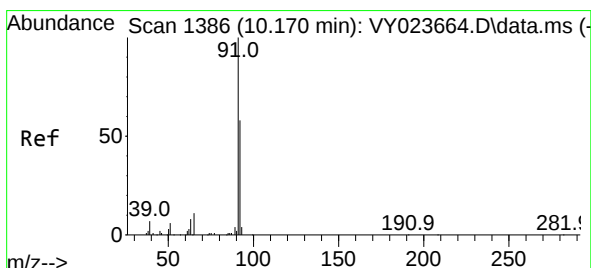
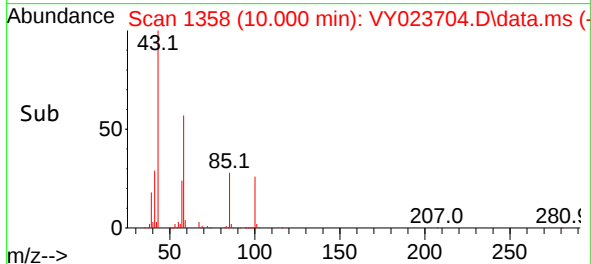
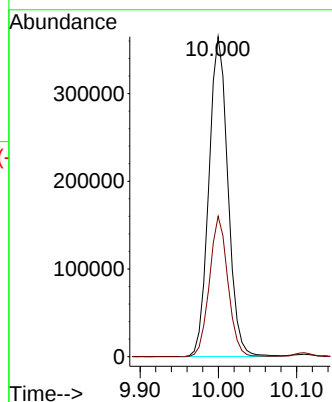
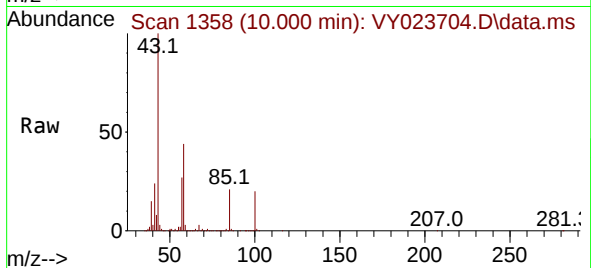




#51
4-Methyl-2-Pentanone
Concen: 251.647 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

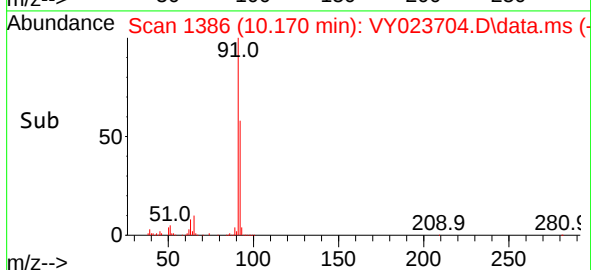
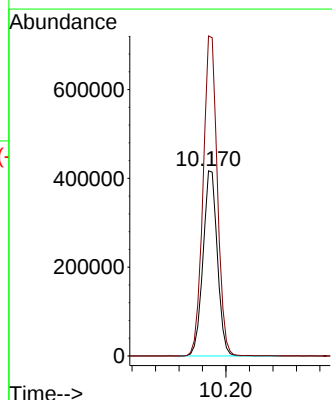
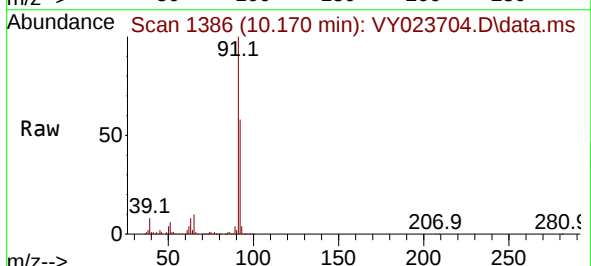
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

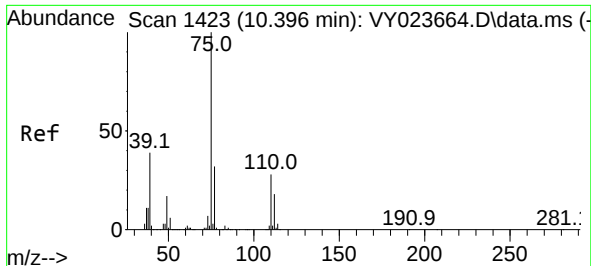
Tgt Ion: 43 Resp: 616638
Ion Ratio Lower Upper
43 100
58 42.6 34.8 52.2



#52
Toluene
Concen: 55.376 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 92 Resp: 705940
Ion Ratio Lower Upper
92 100
91 172.3 137.8 206.8

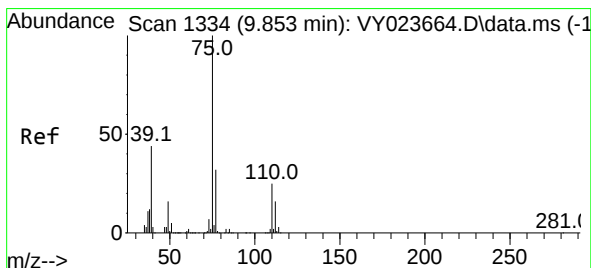
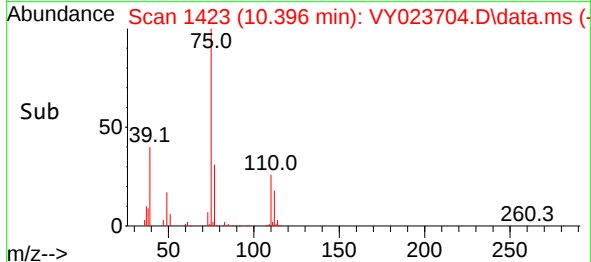
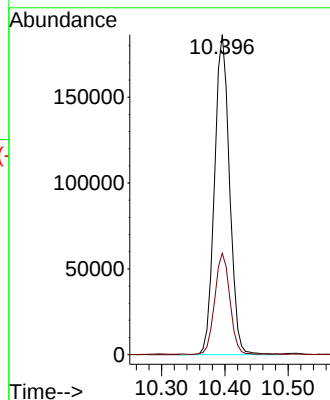
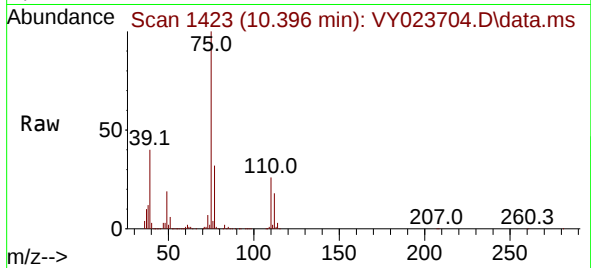




#53
t-1,3-Dichloropropene
Concen: 52.816 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

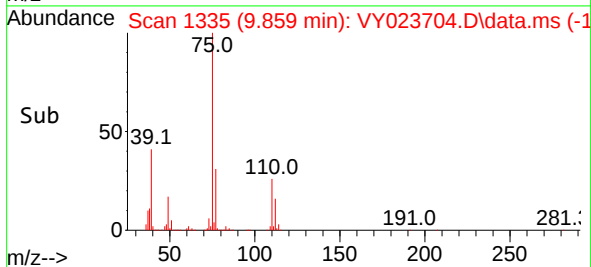
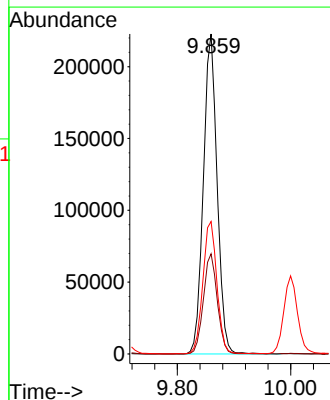
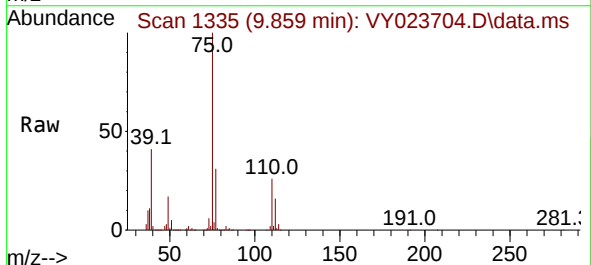
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

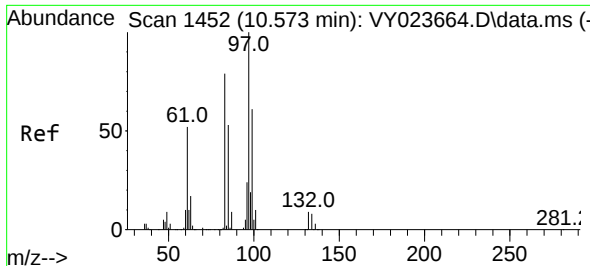
Tgt Ion: 75 Resp: 307659
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 53.858 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 75 Resp: 375878
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
39 41.3 34.9 52.3

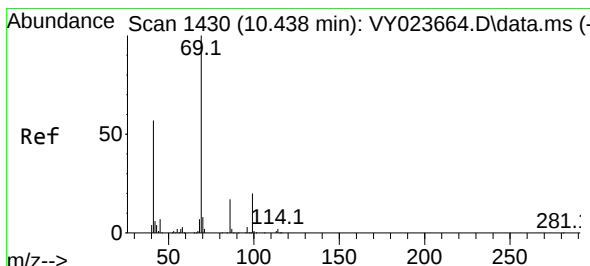
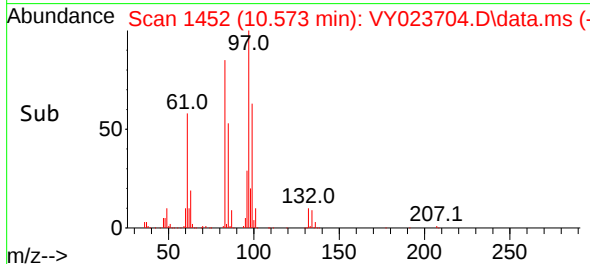
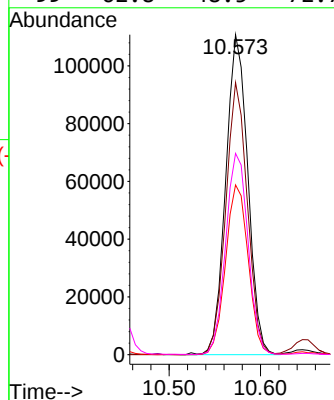
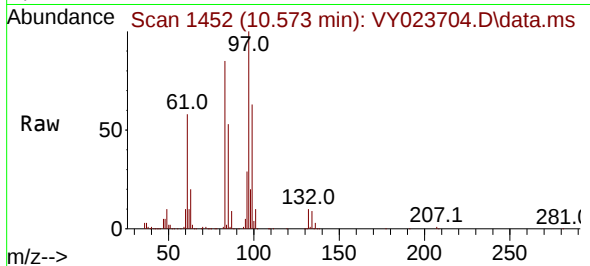




#55
1,1,2-Trichloroethane
Concen: 51.073 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

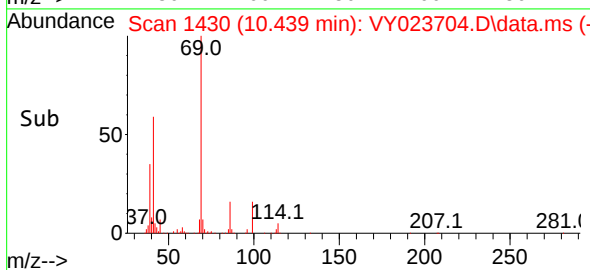
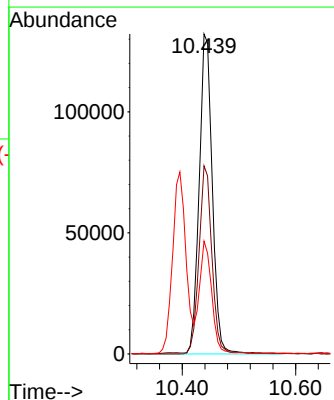
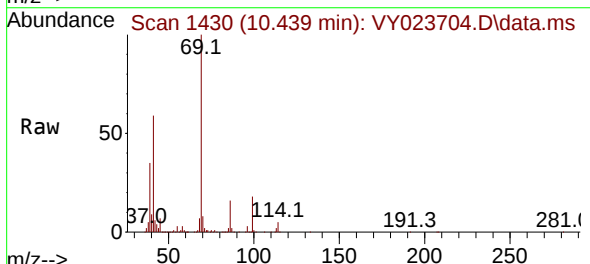
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

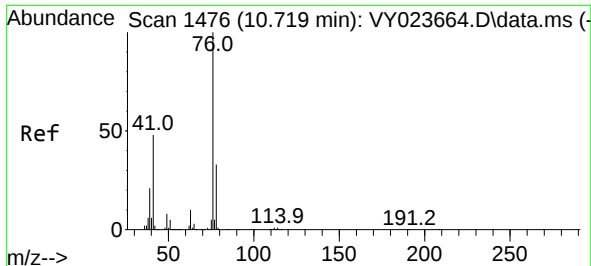
Tgt Ion:	97	Resp:	186368
Ion	Ratio	Lower	Upper
97	100		
83	85.0	63.3	94.9
85	53.0	42.4	63.6
99	62.8	48.5	72.7



#56
Ethyl methacrylate
Concen: 52.673 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion:	69	Resp:	211774
Ion	Ratio	Lower	Upper
69	100		
41	56.9	45.0	67.4
39	32.2	25.1	37.7





#57

1,3-Dichloropropane

Concen: 51.961 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

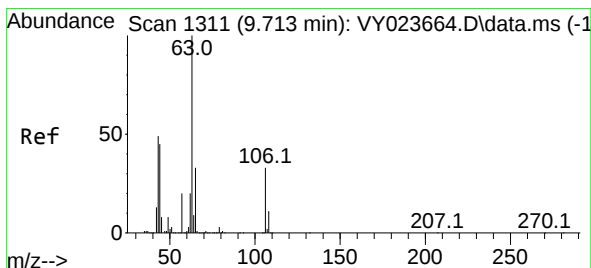
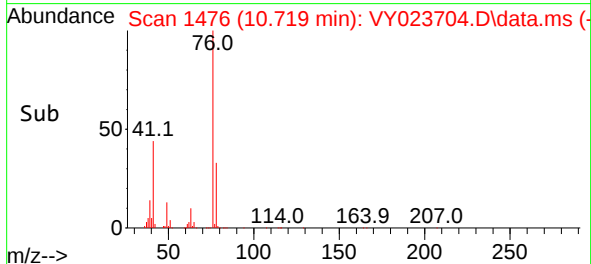
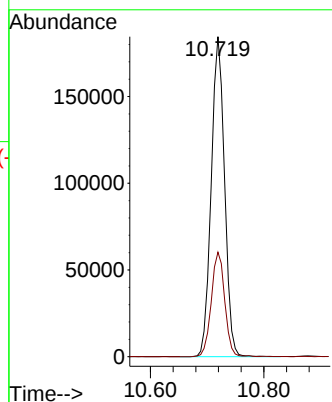
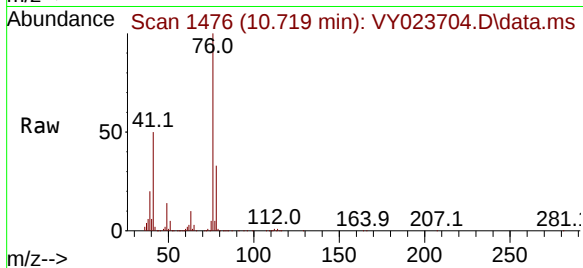
VSTDCCC050

Tgt Ion: 76 Resp: 300751

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 254.826 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023704.D

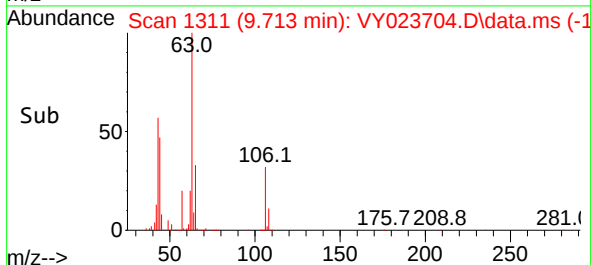
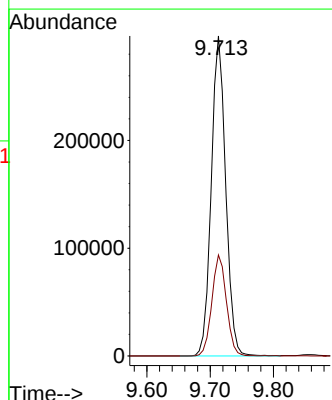
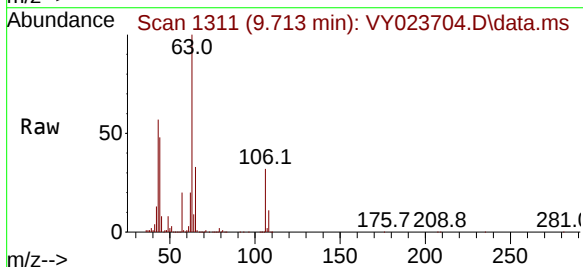
Acq: 07 Nov 2025 08:53

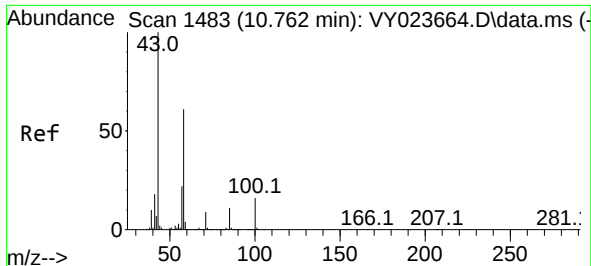
Tgt Ion: 63 Resp: 470133

Ion Ratio Lower Upper

63 100

106 31.8 26.2 39.2

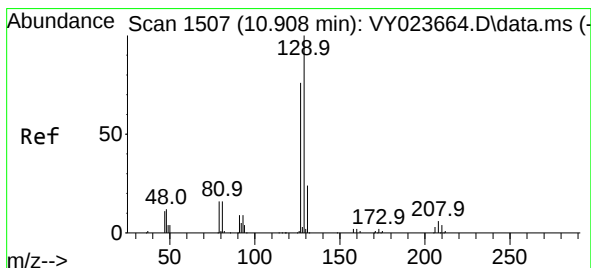
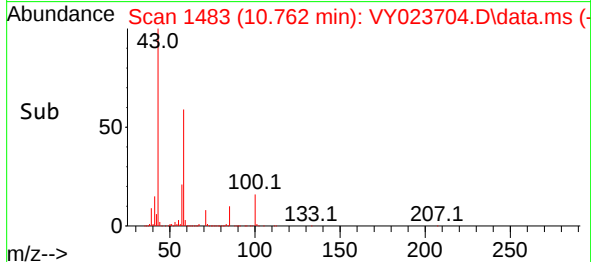
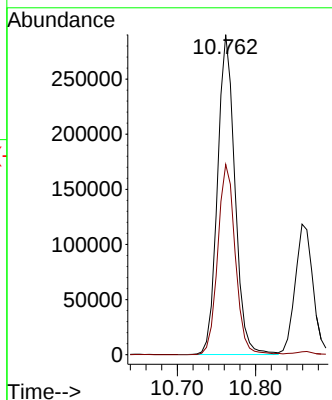
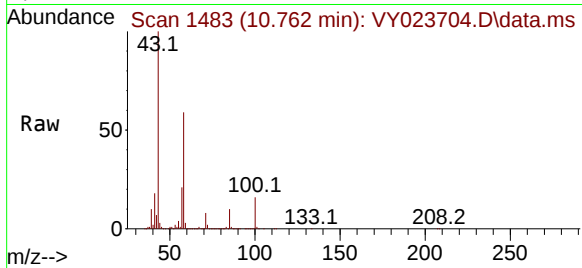




#59
2-Hexanone
Concen: 250.566 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

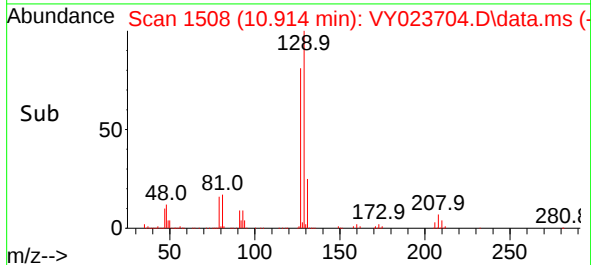
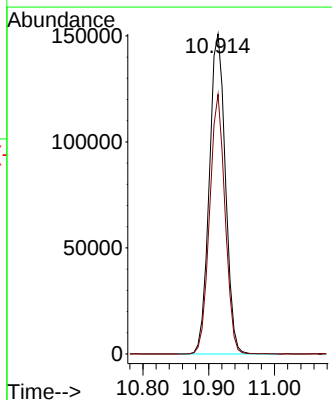
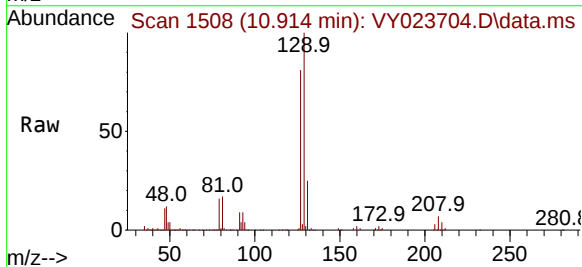
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

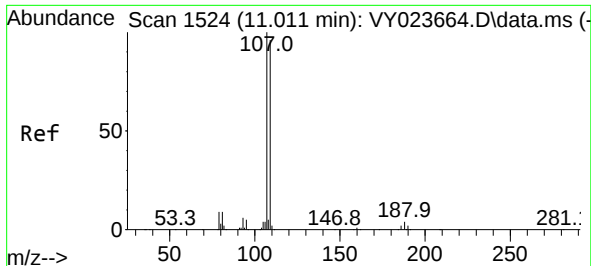
Tgt Ion: 43 Resp: 447949
Ion Ratio Lower Upper
43 100
58 60.2 30.2 90.6



#60
Dibromochloromethane
Concen: 51.259 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 129 Resp: 257006
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2

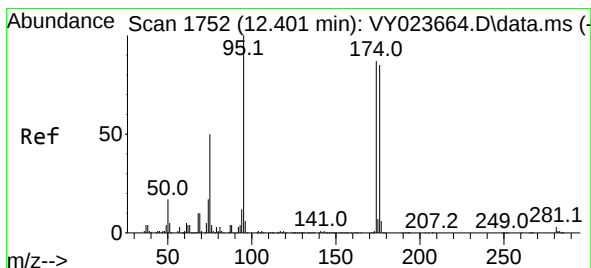
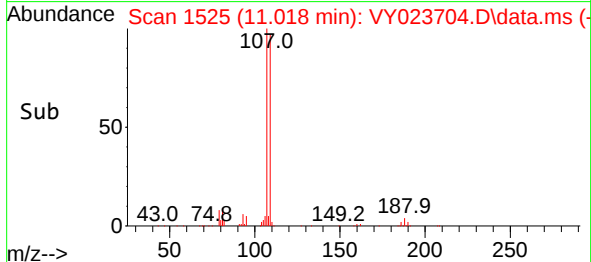
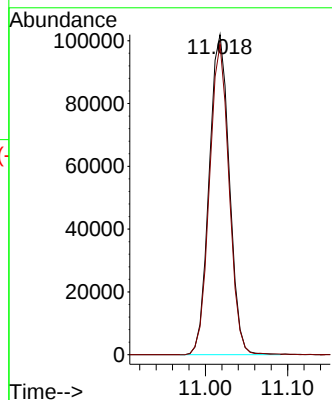
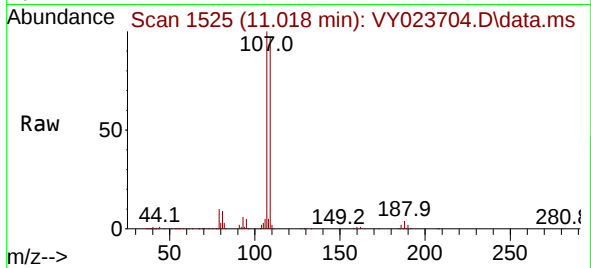




#61
1,2-Dibromoethane
Concen: 50.852 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

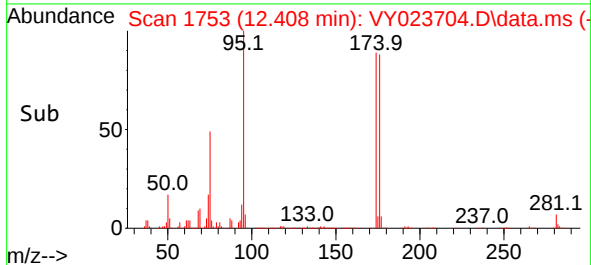
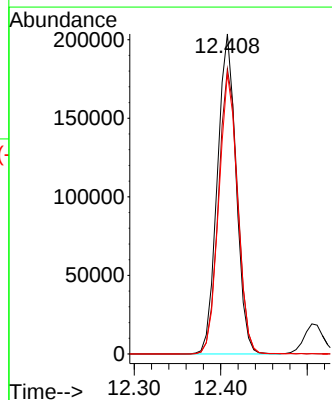
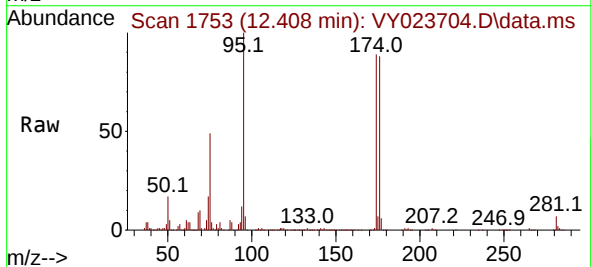
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

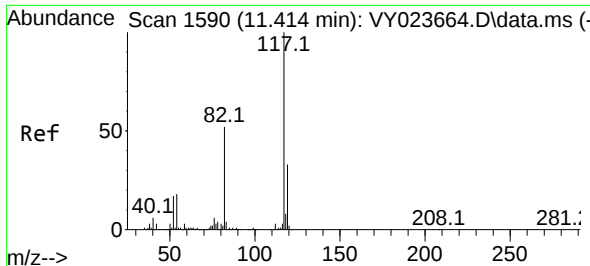
Tgt Ion:107 Resp: 174147
Ion Ratio Lower Upper
107 100
109 94.1 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 53.640 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 95 Resp: 306332
Ion Ratio Lower Upper
95 100
174 91.1 0.0 184.8
176 87.8 0.0 181.6

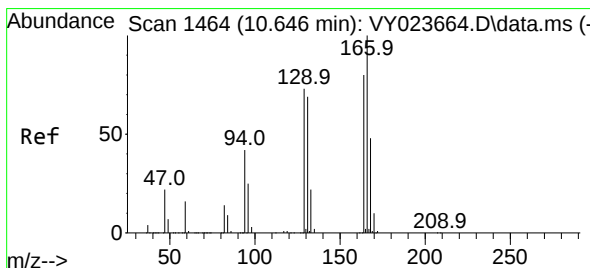
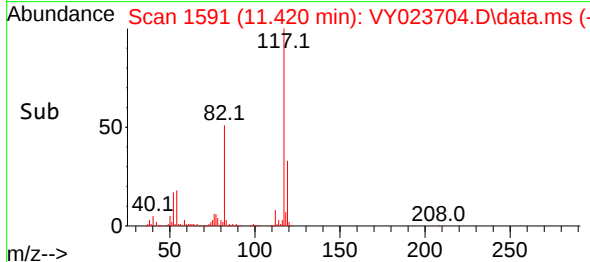
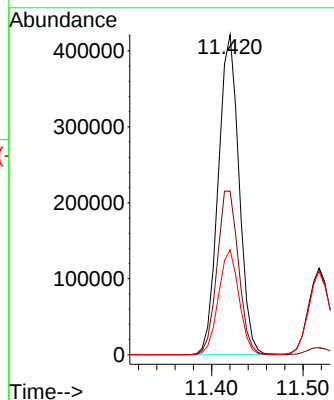
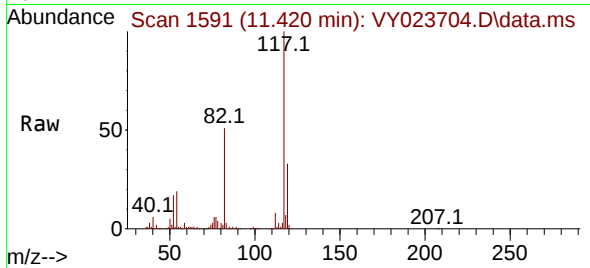




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

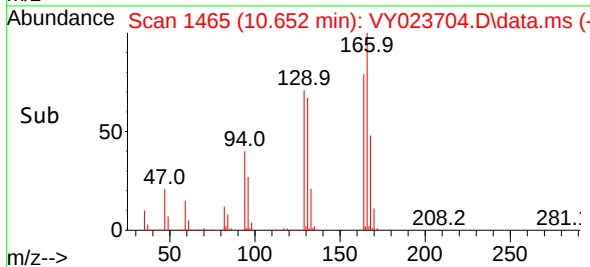
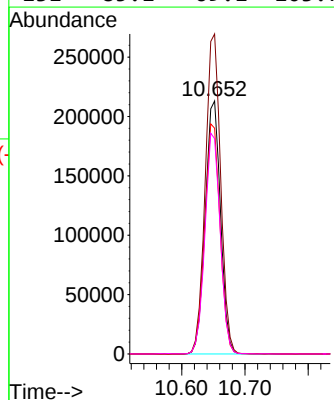
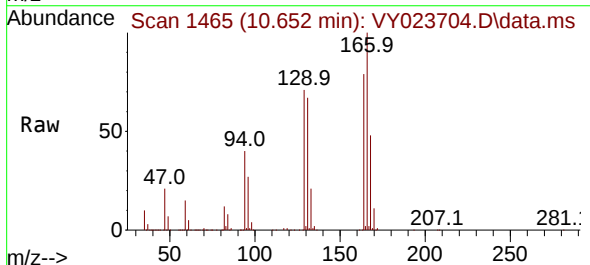
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

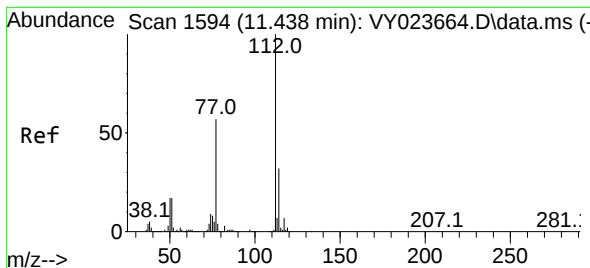
Tgt Ion:117 Resp: 666124
Ion Ratio Lower Upper
117 100
82 51.1 41.2 61.8
119 32.8 26.2 39.2



#64
Tetrachloroethene
Concen: 51.901 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion:164 Resp: 359845
Ion Ratio Lower Upper
164 100
166 126.5 99.5 149.3
129 89.2 72.3 108.5
131 85.1 69.1 103.7





#65

Chlorobenzene

Concen: 52.625 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

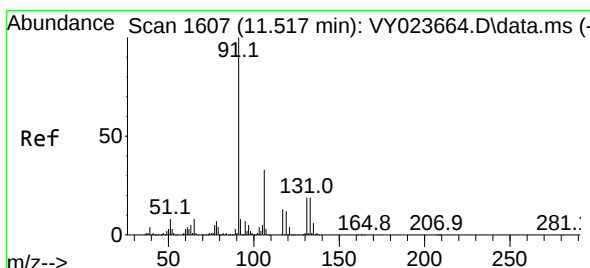
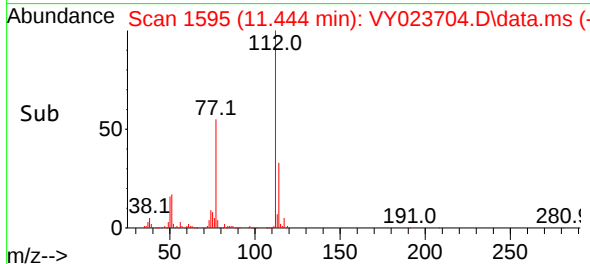
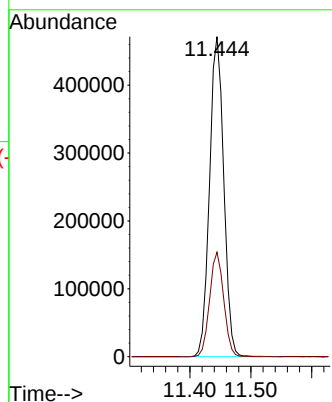
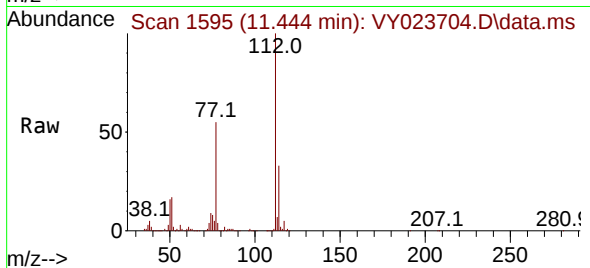
VSTDCCC050

Tgt Ion:112 Resp: 763136

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.574 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

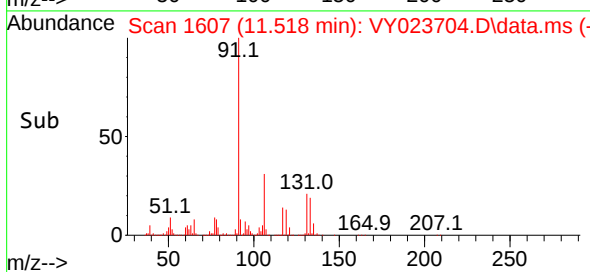
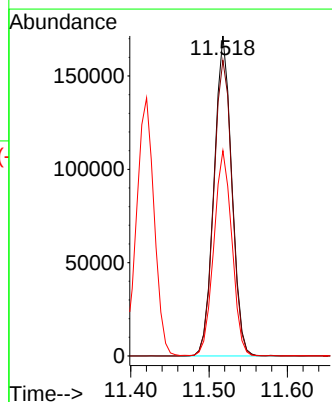
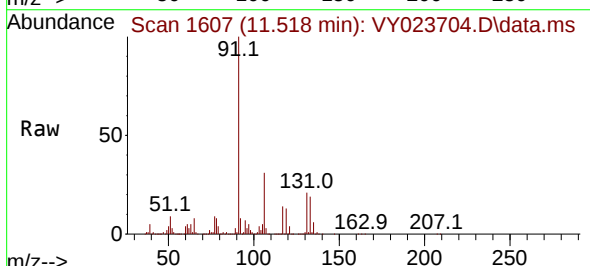
Tgt Ion:131 Resp: 269589

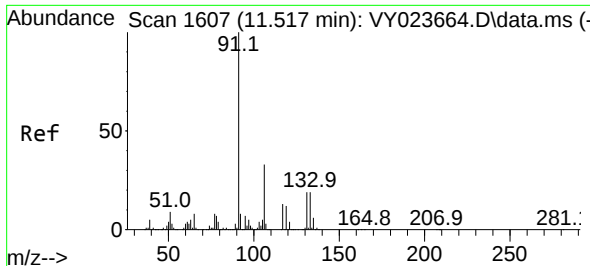
Ion Ratio Lower Upper

131 100

133 95.8 47.3 141.8

119 65.3 32.5 97.4





#67

Ethyl Benzene

Concen: 56.300 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

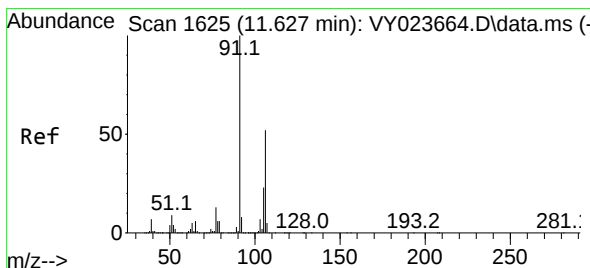
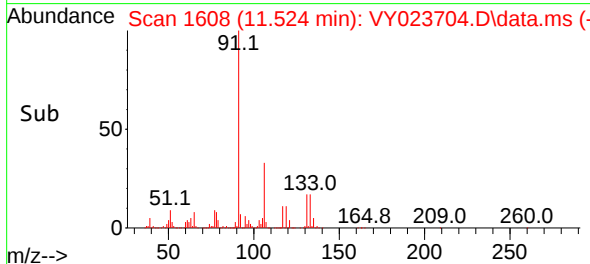
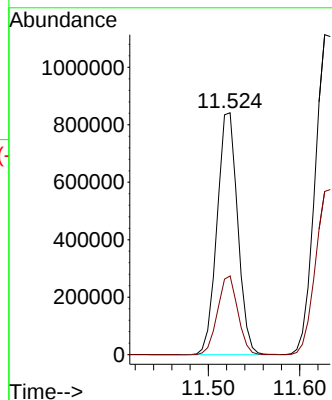
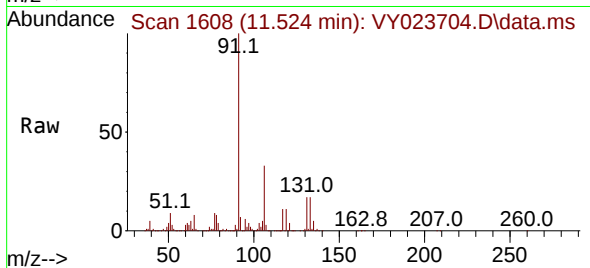
VSTDCCC050

Tgt Ion: 91 Resp: 1321365

Ion Ratio Lower Upper

91 100

106 32.5 26.6 40.0



#68

m/p-Xylenes

Concen: 112.136 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023704.D

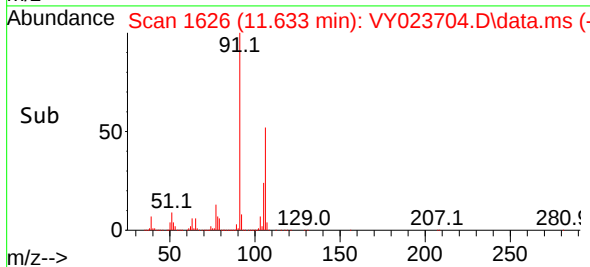
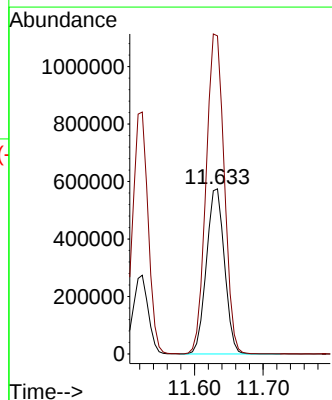
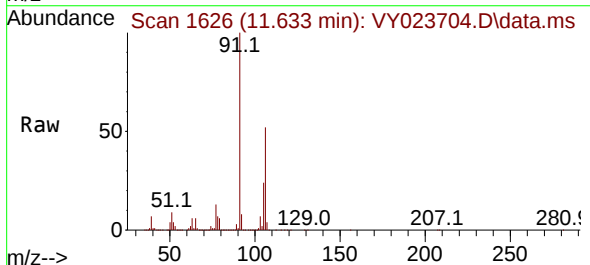
Acq: 07 Nov 2025 08:53

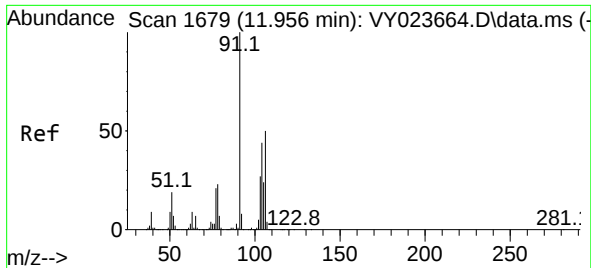
Tgt Ion:106 Resp: 1051517

Ion Ratio Lower Upper

106 100

91 195.5 154.3 231.5

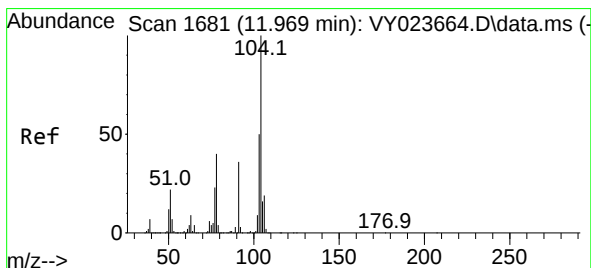
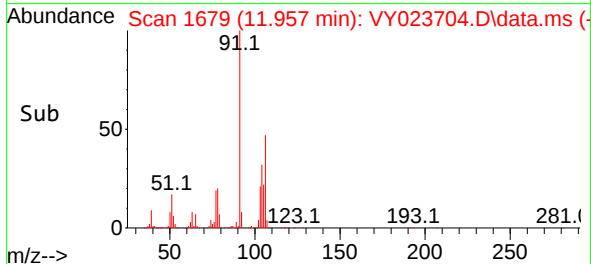
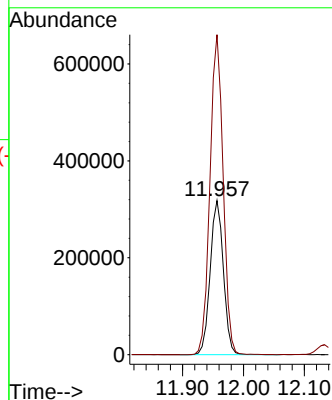
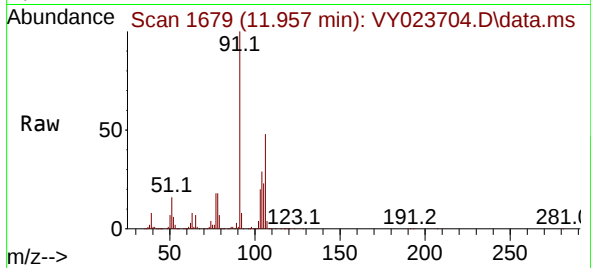




#69
o-Xylene
Concen: 55.240 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

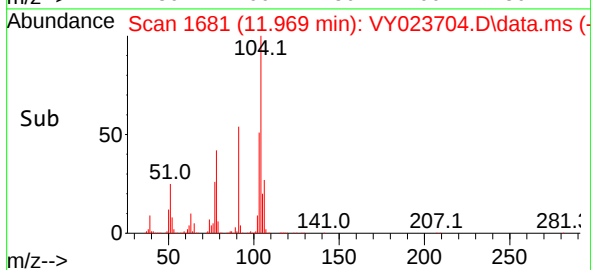
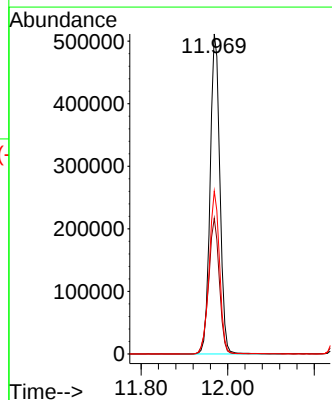
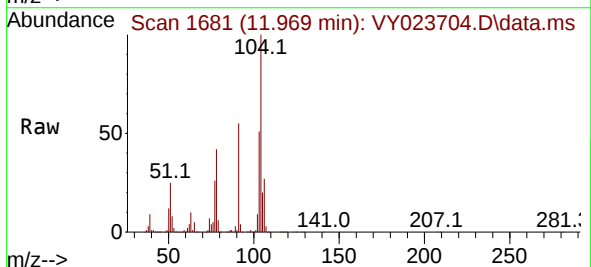
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

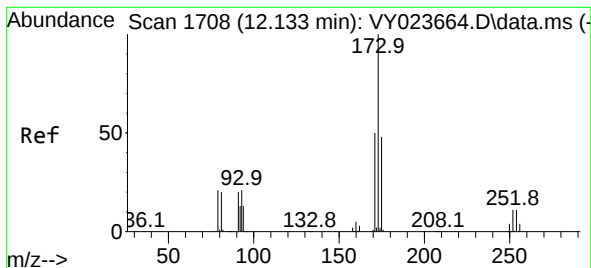
Tgt Ion:106 Resp: 478830
Ion Ratio Lower Upper
106 100
91 207.3 101.6 304.6



#70
Styrene
Concen: 56.011 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion:104 Resp: 801072
Ion Ratio Lower Upper
104 100
78 46.3 36.5 54.7
103 54.2 43.7 65.5





#71

Bromoform

Concen: 50.608 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

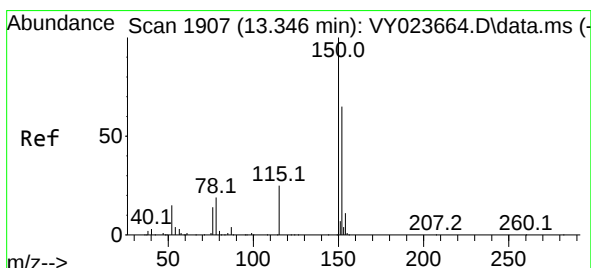
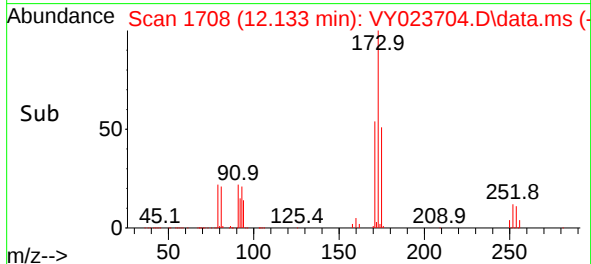
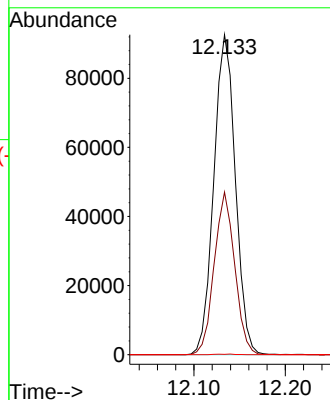
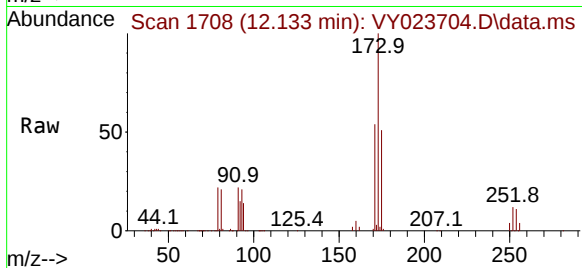
Tgt Ion:173 Resp: 151566

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

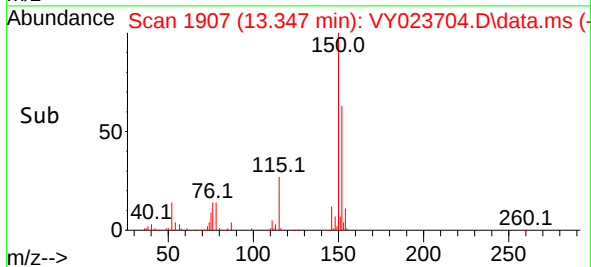
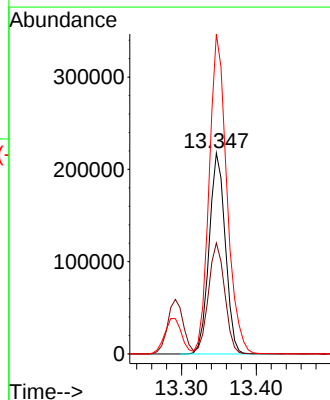
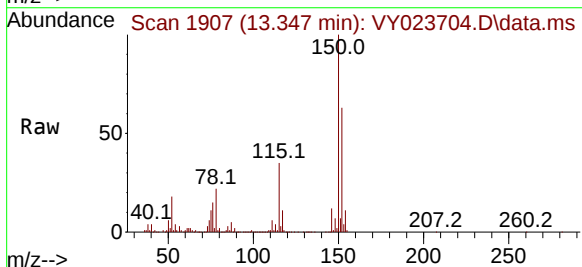
Tgt Ion:152 Resp: 327420

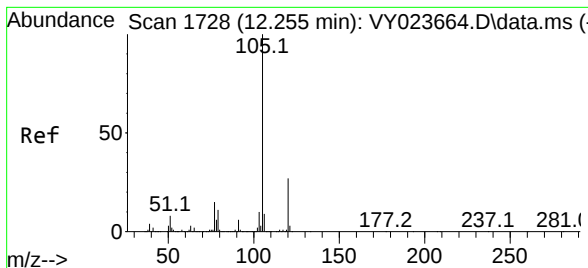
Ion Ratio Lower Upper

152 100

115 55.6 27.5 82.5

150 174.2 0.0 349.0





#73

Isopropylbenzene

Concen: 57.954 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

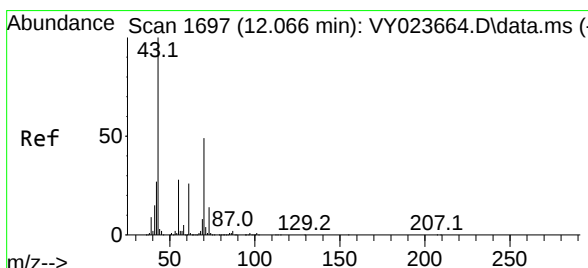
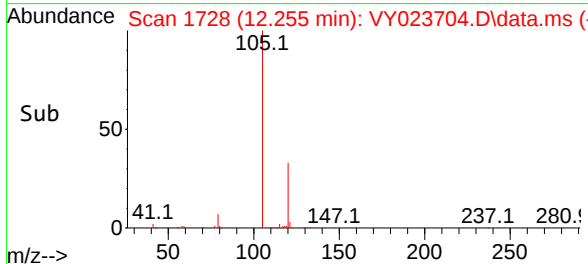
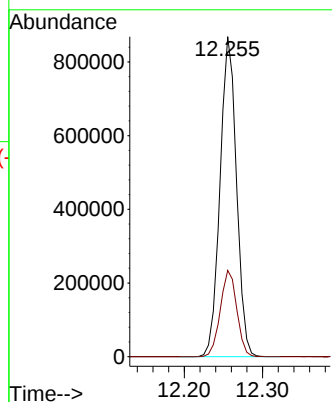
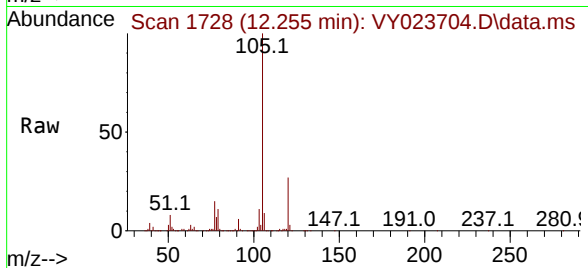
VSTDCCC050

Tgt Ion:105 Resp: 1269095

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 50.423 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Tgt Ion: 43 Resp: 186944

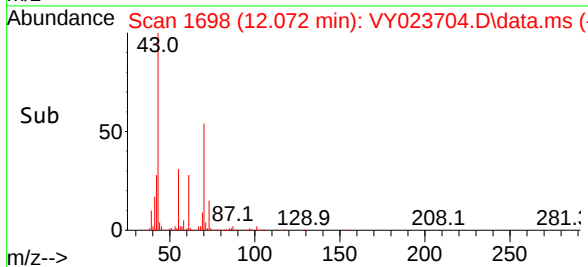
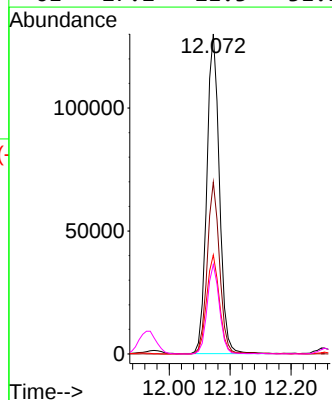
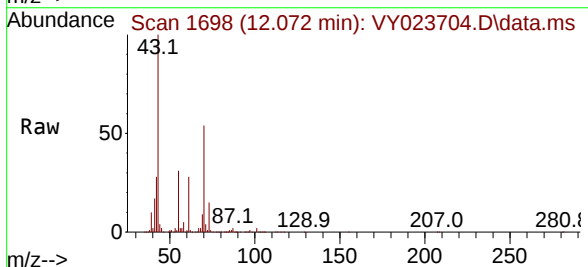
Ion Ratio Lower Upper

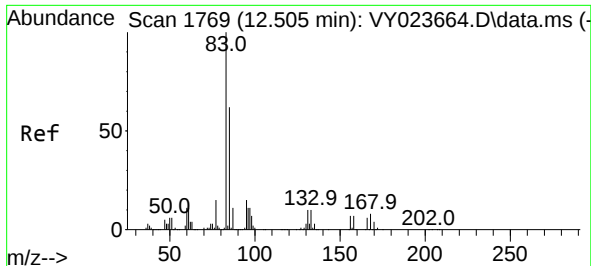
43 100

70 52.5 40.1 60.1

55 31.5 23.0 34.6

61 27.2 21.3 31.9

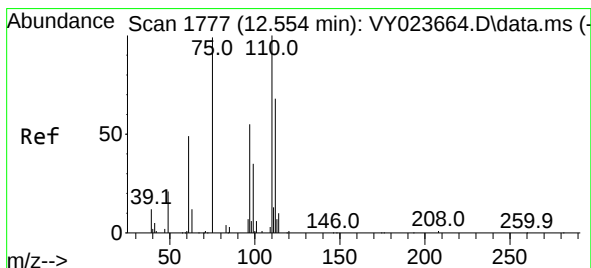
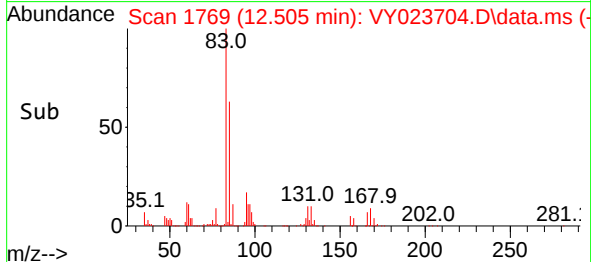
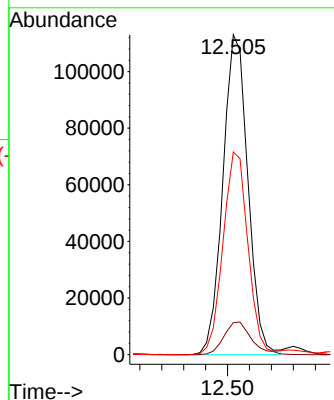
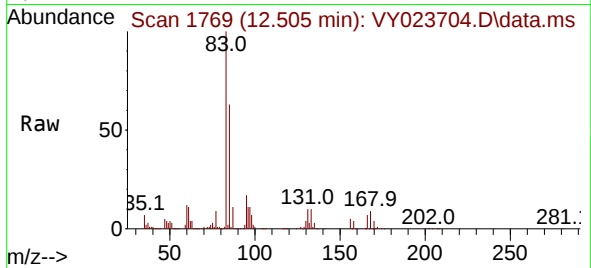




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.270 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023704.D
 Acq: 07 Nov 2025 08:53

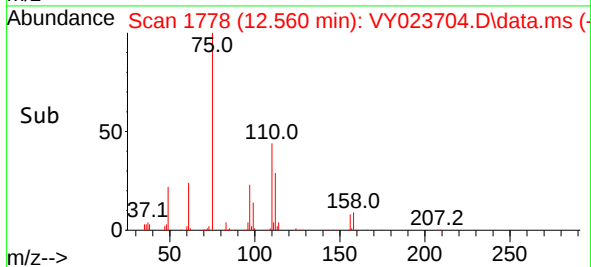
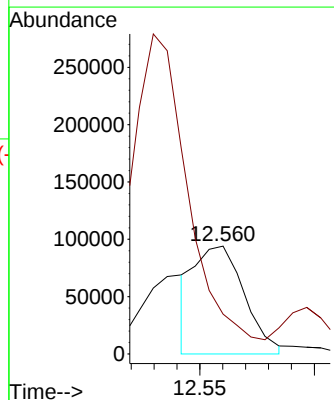
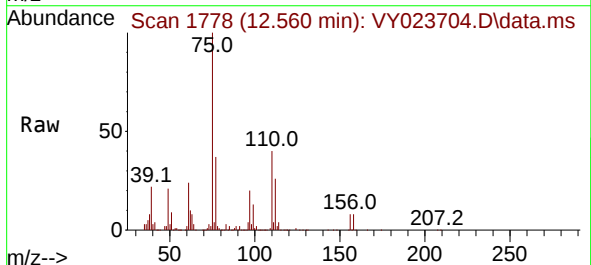
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

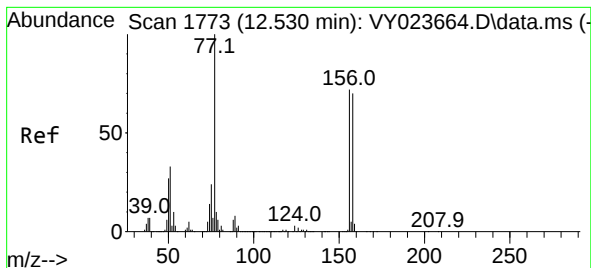
Tgt Ion: 83 Resp: 179315
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.7 17.0
 85 63.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 54.043 ug/l m
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY023704.D
 Acq: 07 Nov 2025 08:53

Tgt Ion: 75 Resp: 143205
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.780 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

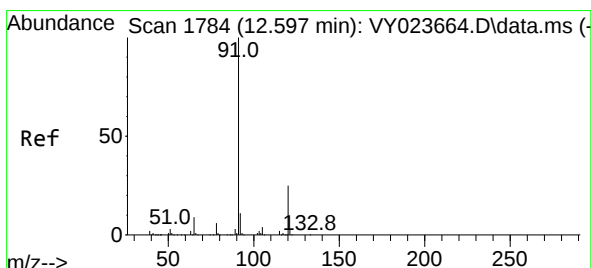
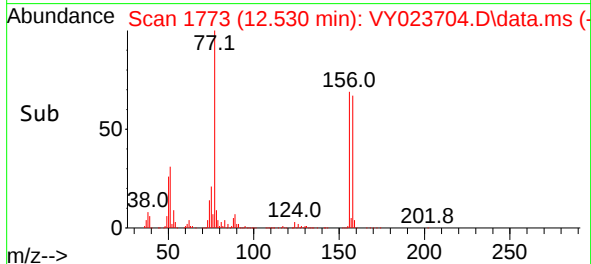
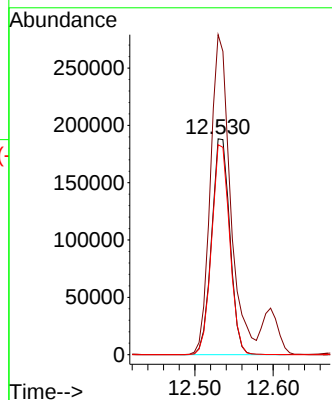
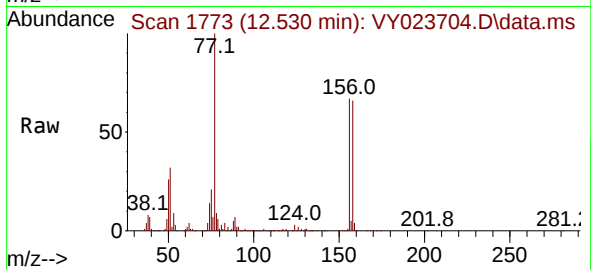
Tgt Ion:156 Resp: 305486

Ion Ratio Lower Upper

156 100

77 161.7 77.9 233.7

158 96.2 48.5 145.5



#78

n-propylbenzene

Concen: 58.472 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023704.D

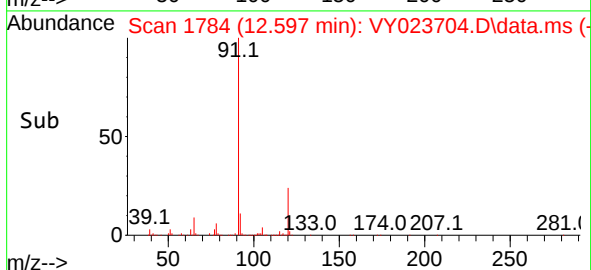
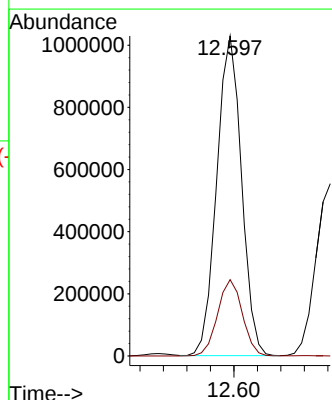
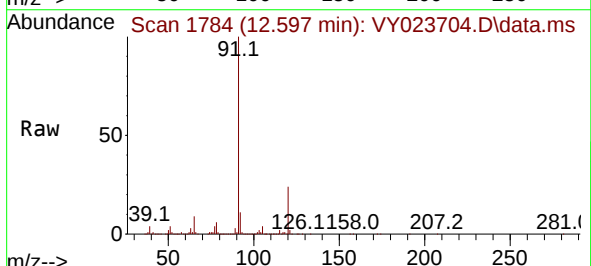
Acq: 07 Nov 2025 08:53

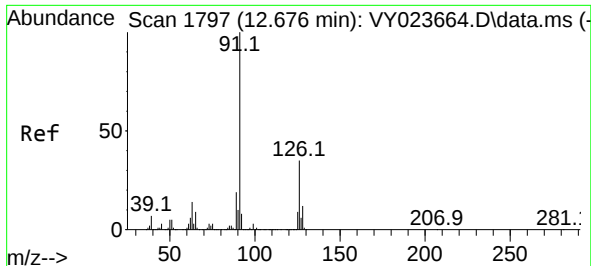
Tgt Ion: 91 Resp: 1506138

Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.1





#79

2-Chlorotoluene

Concen: 56.870 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

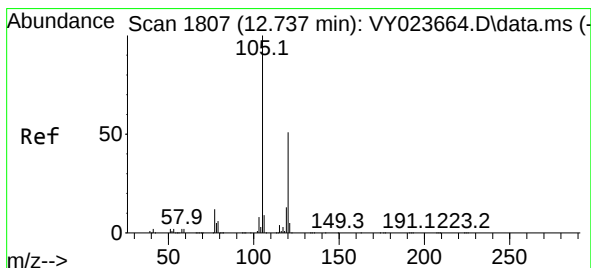
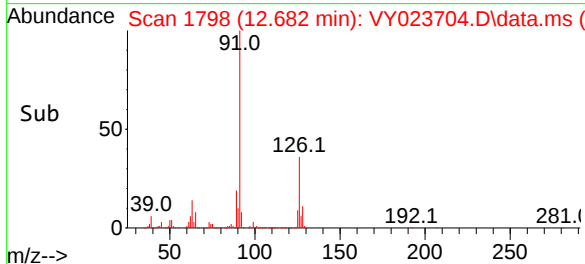
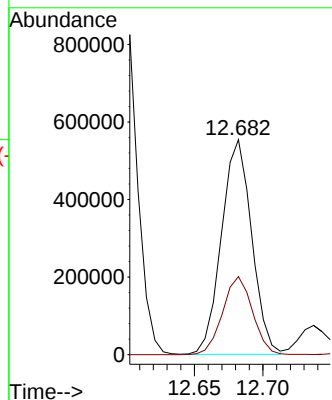
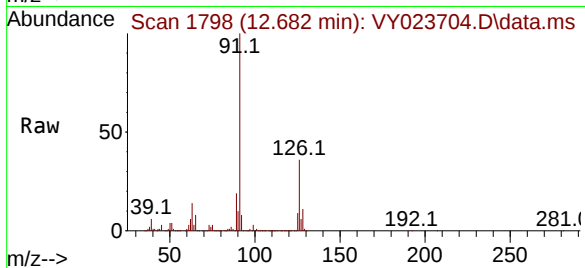
VSTDCCC050

Tgt Ion: 91 Resp: 850044

Ion Ratio Lower Upper

91 100

126 36.0 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 58.131 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY023704.D

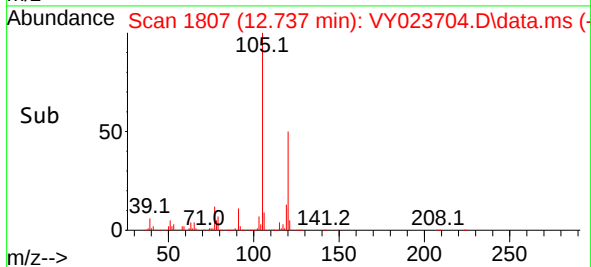
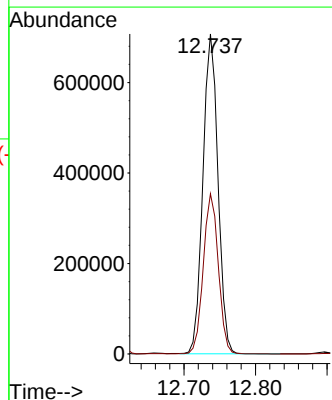
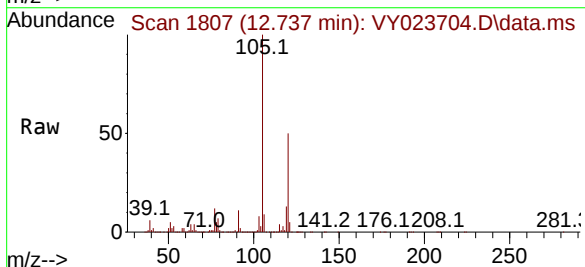
Acq: 07 Nov 2025 08:53

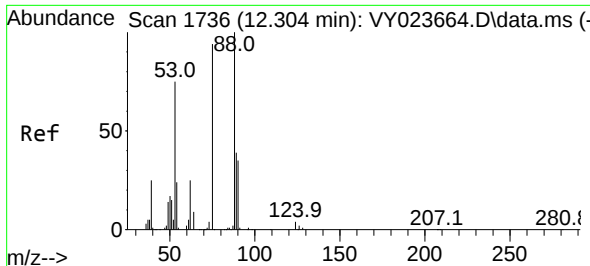
Tgt Ion: 105 Resp: 1034284

Ion Ratio Lower Upper

105 100

120 50.0 25.4 76.2

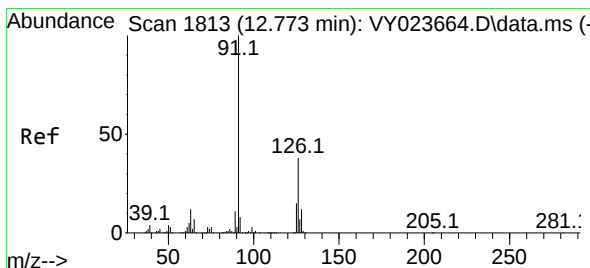
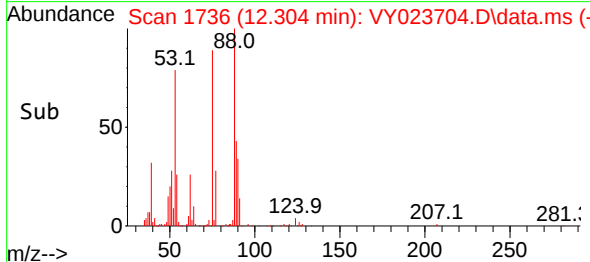
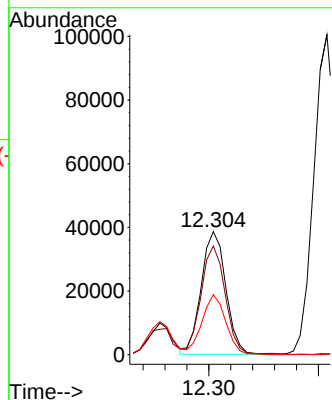
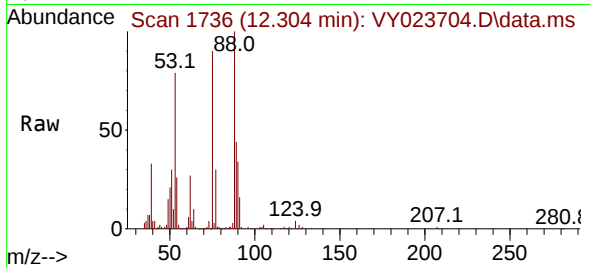




#81
trans-1,4-Dichloro-2-butene
Concen: 50.939 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

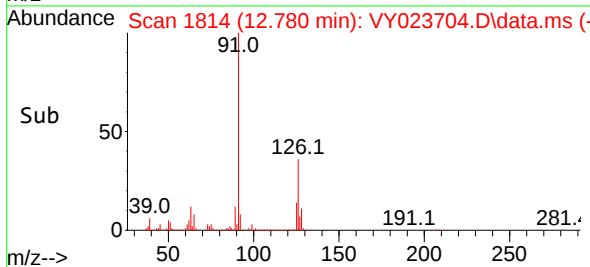
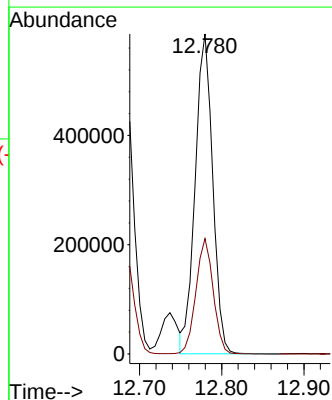
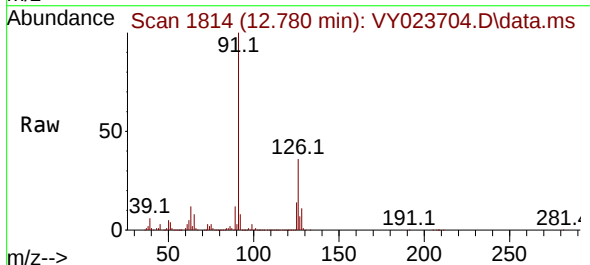
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

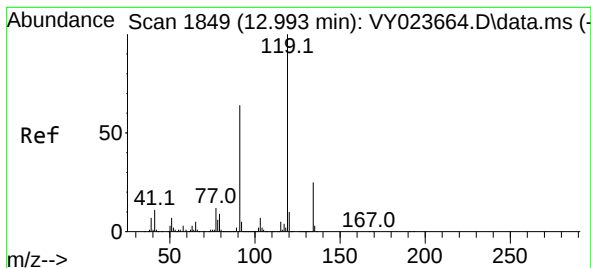
Tgt Ion: 75 Resp: 59727
Ion Ratio Lower Upper
75 100
53 88.5 69.6 104.4
89 47.3 38.2 57.4



#82
4-Chlorotoluene
Concen: 56.273 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 91 Resp: 867455
Ion Ratio Lower Upper
91 100
126 35.6 18.1 54.4





#83

tert-Butylbenzene

Concen: 56.586 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

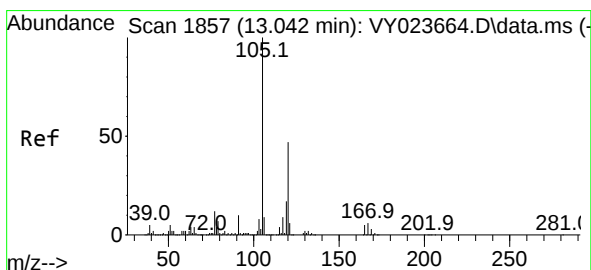
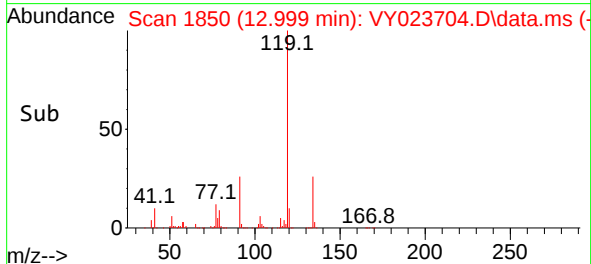
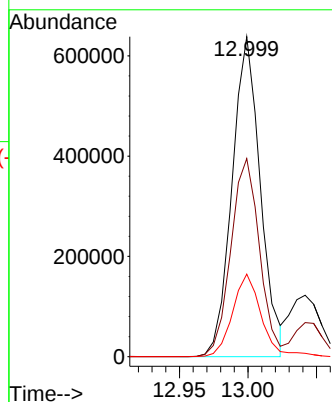
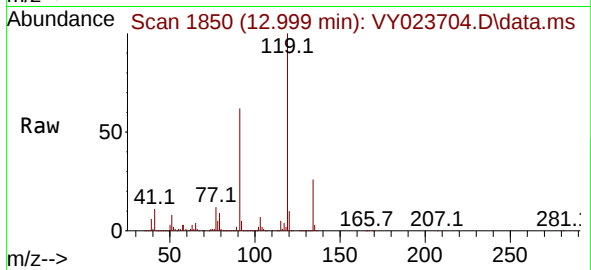
Tgt Ion:119 Resp: 916961

Ion Ratio Lower Upper

119 100

91 62.5 30.7 92.1

134 26.3 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 57.244 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023704.D

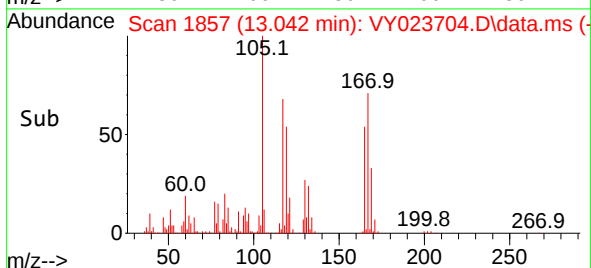
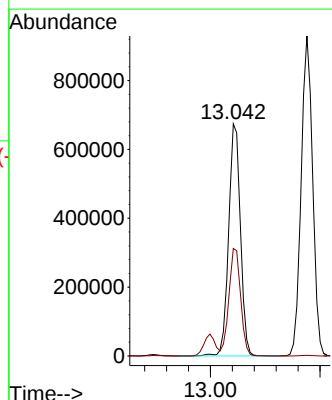
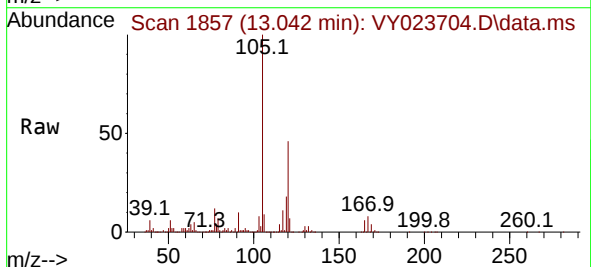
Acq: 07 Nov 2025 08:53

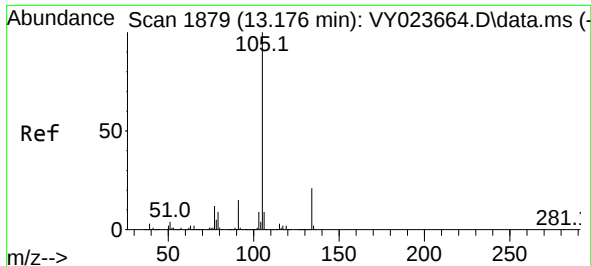
Tgt Ion:105 Resp: 1008797

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6

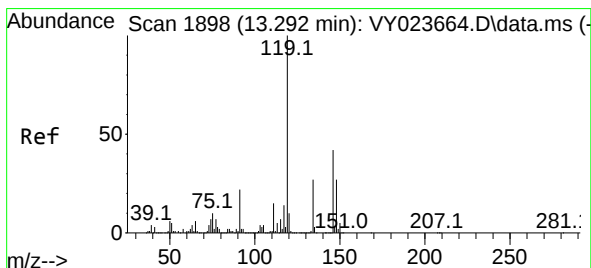
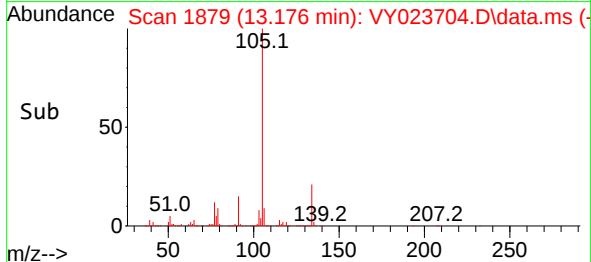
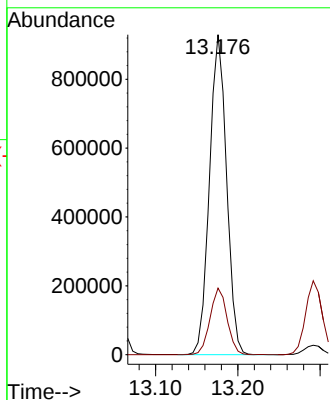
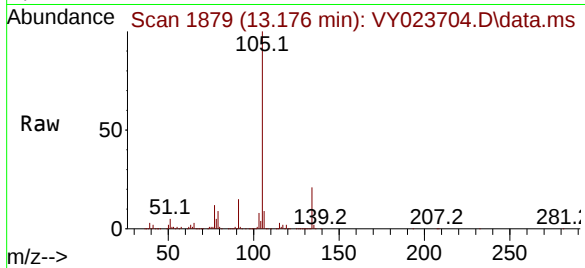




#85
 sec-Butylbenzene
 Concen: 57.564 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023704.D
 Acq: 07 Nov 2025 08:53

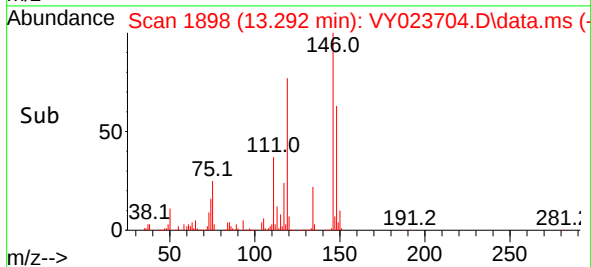
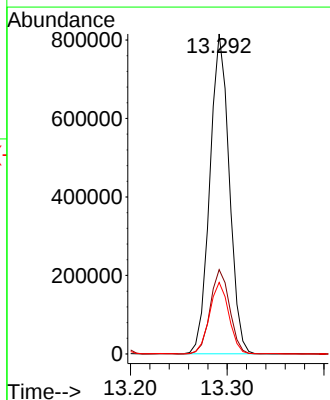
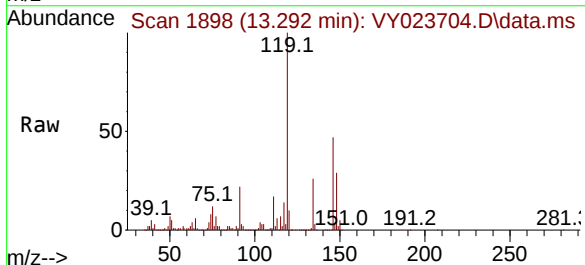
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

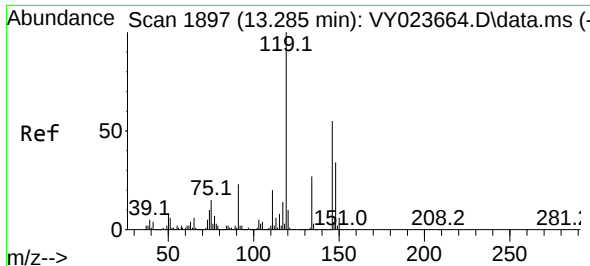
Tgt Ion:105 Resp: 1345435
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 57.330 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023704.D
 Acq: 07 Nov 2025 08:53

Tgt Ion:119 Resp: 1134346
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 22.3 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 53.083 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

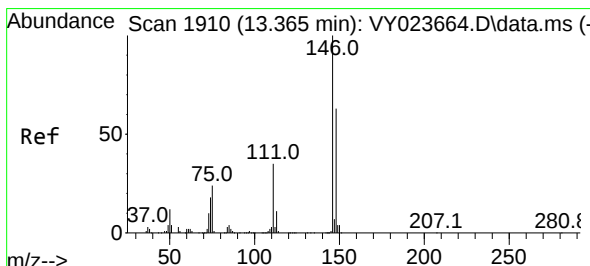
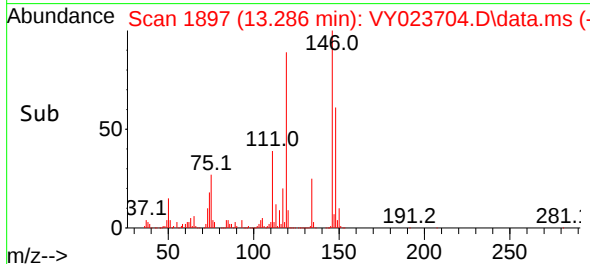
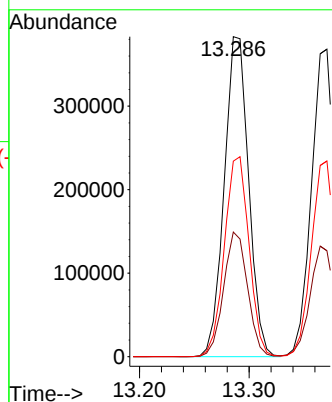
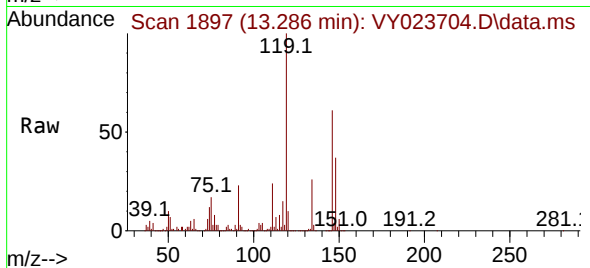
Tgt Ion:146 Resp: 593476

Ion Ratio Lower Upper

146 100

111 38.2 18.8 56.3

148 63.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.724 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

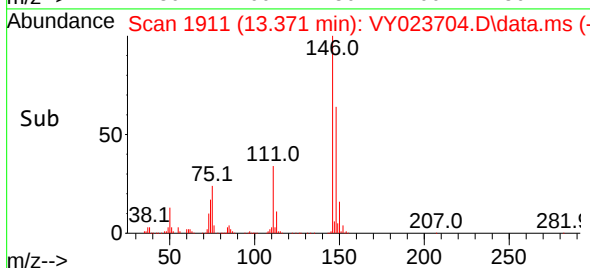
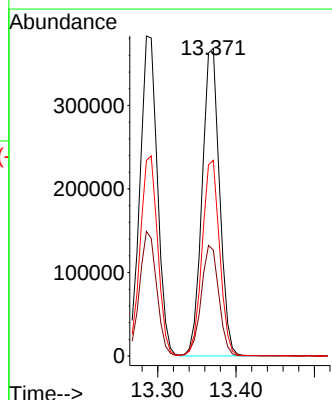
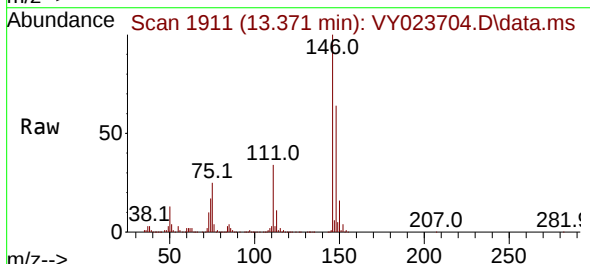
Tgt Ion:146 Resp: 568041

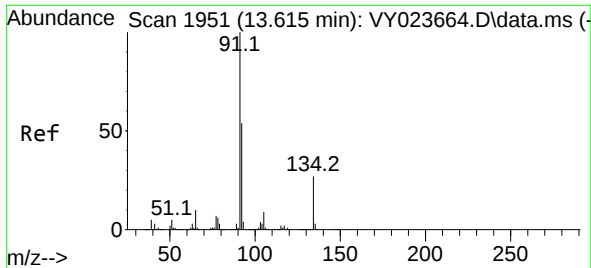
Ion Ratio Lower Upper

146 100

111 36.4 18.3 54.8

148 63.8 31.8 95.3

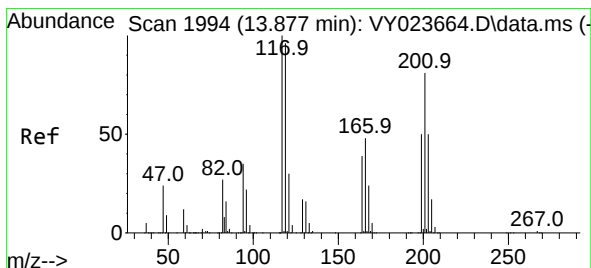
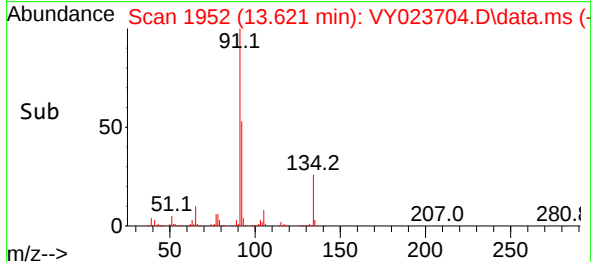
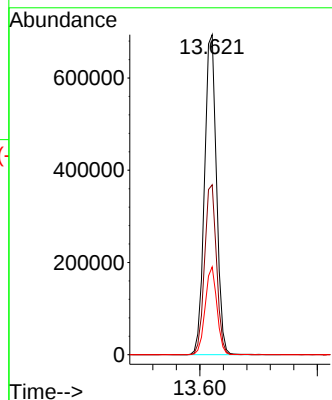
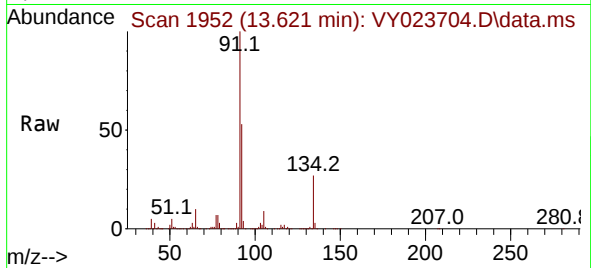




#89
n-Butylbenzene
Concen: 57.187 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

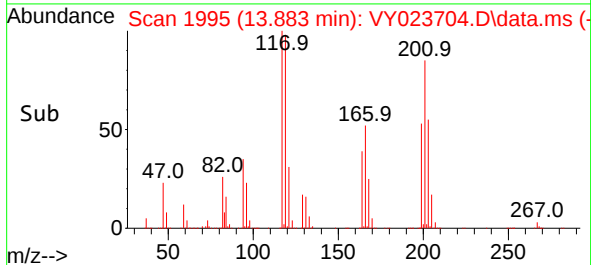
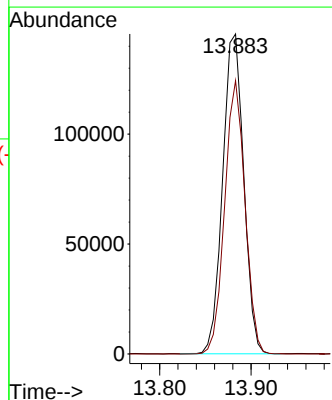
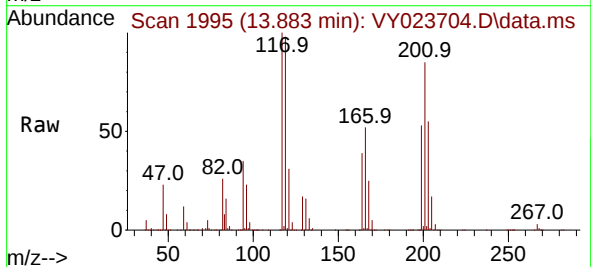
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

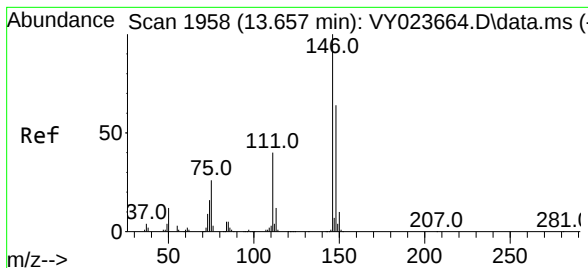
Tgt Ion: 91 Resp: 983934
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.4
134 26.9 13.7 41.1



#90
Hexachloroethane
Concen: 54.816 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023704.D
Acq: 07 Nov 2025 08:53

Tgt Ion: 117 Resp: 233079
Ion Ratio Lower Upper
117 100
201 82.4 42.3 126.8





#91

1,2-Dichlorobenzene

Concen: 51.750 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

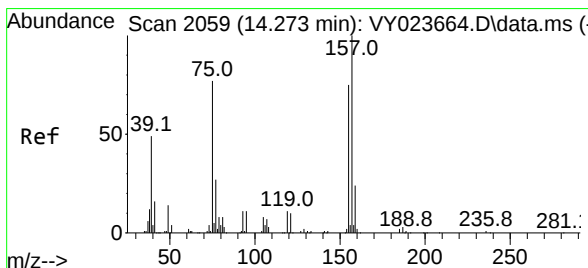
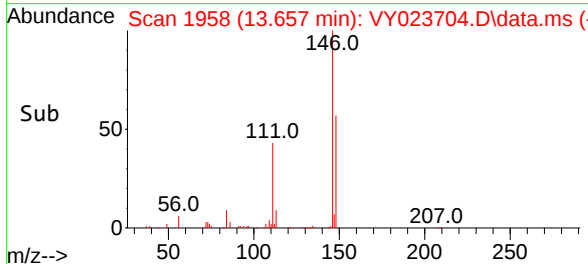
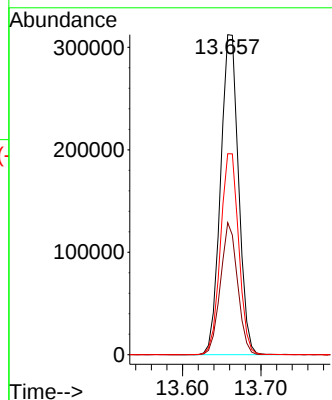
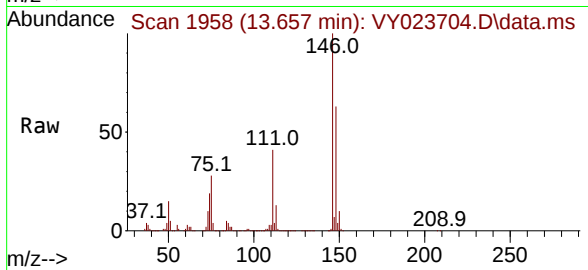
Tgt Ion:146 Resp: 498599

Ion Ratio Lower Upper

146 100

111 39.2 19.5 58.5

148 63.7 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.562 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

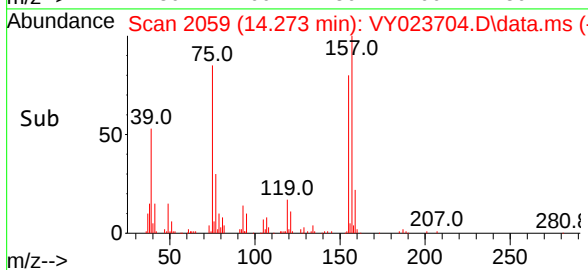
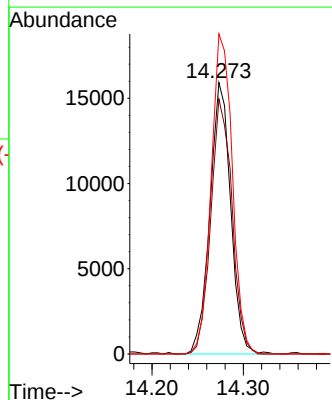
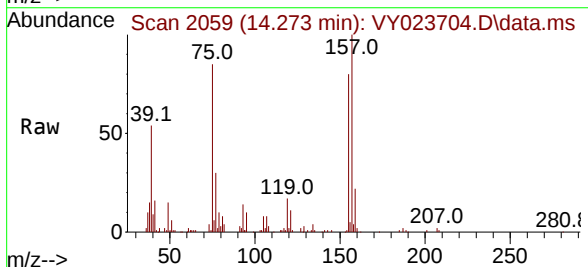
Tgt Ion: 75 Resp: 25074

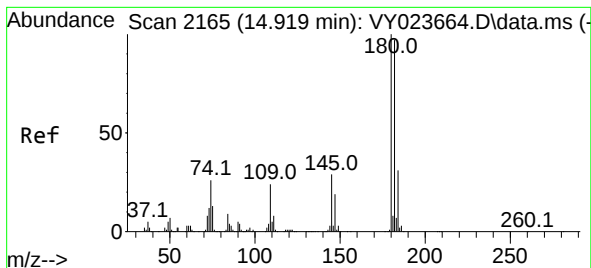
Ion Ratio Lower Upper

75 100

155 95.7 49.4 148.2

157 120.3 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 48.911 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

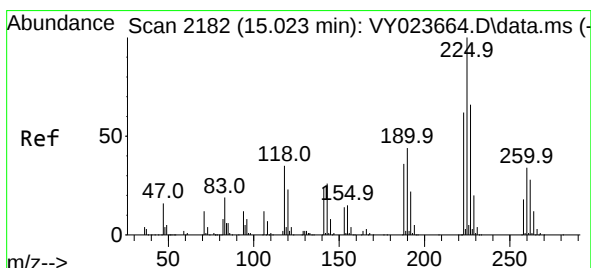
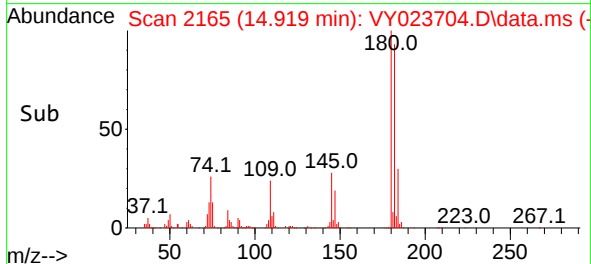
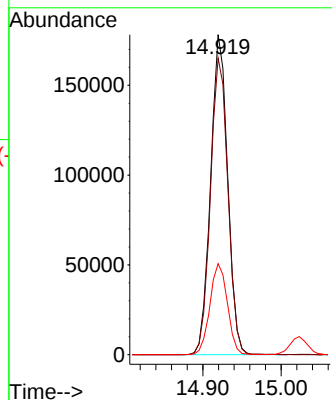
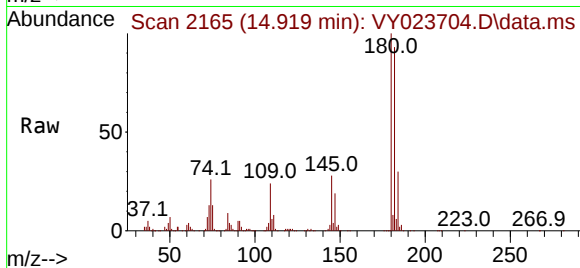
Tgt Ion:180 Resp: 269549

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.6

145 29.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 50.612 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

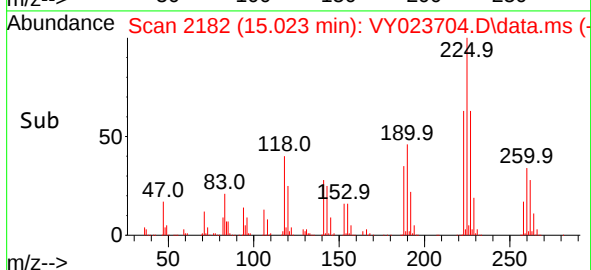
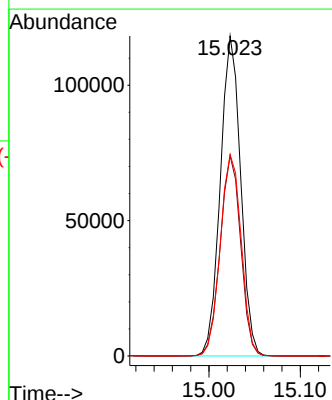
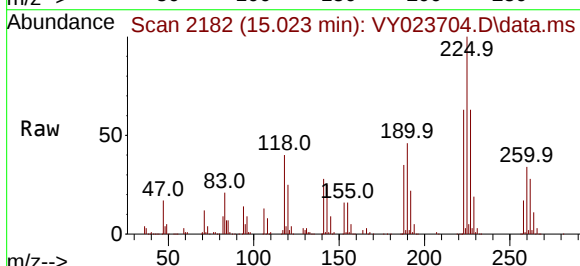
Tgt Ion:225 Resp: 182754

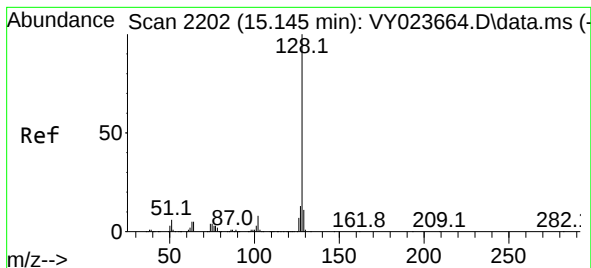
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

227 65.0 32.0 96.2





#95

Naphthalene

Concen: 40.978 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

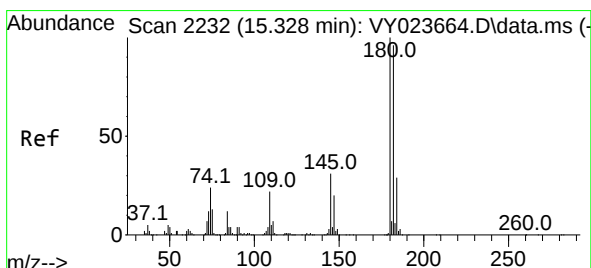
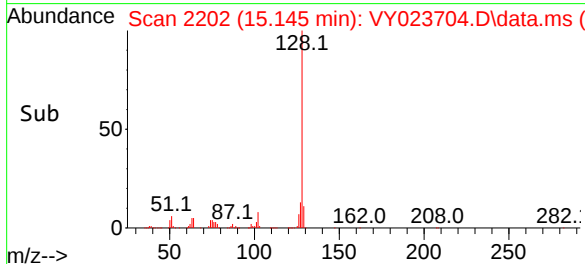
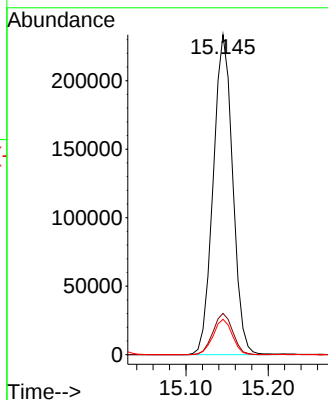
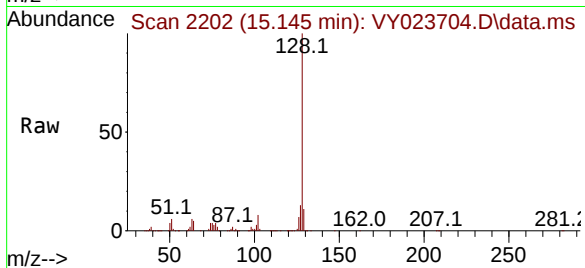
Tgt Ion:128 Resp: 384582

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.547 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023704.D

Acq: 07 Nov 2025 08:53

Tgt Ion:180 Resp: 218927

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.6

145 30.9 15.5 46.5

