

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023712.D
 Acq On : 10 Nov 2025 10:58
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Nov 11 02:05:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	570679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	813902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	707956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	352356	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	228950	47.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.634	113	255675	51.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.109	98	994827	53.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.840%
62) 4-Bromofluorobenzene	12.408	95	316513	51.475	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	163520	39.808	ug/l	100
3) Chloromethane	2.074	50	241485	43.155	ug/l	98
4) Vinyl Chloride	2.208	62	313481	43.011	ug/l	98
5) Bromomethane	2.598	94	240367	39.299	ug/l	98
6) Chloroethane	2.739	64	217658	43.811	ug/l	97
7) Trichlorofluoromethane	3.062	101	458672	45.324	ug/l	98
8) Diethyl Ether	3.458	74	112171	42.419	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	261038	49.709	ug/l	98
10) Methyl Iodide	4.007	142	306512	52.430	ug/l	99
11) Tert butyl alcohol	4.854	59	65268	183.845	ug/l	98
12) 1,1-Dichloroethene	3.793	96	244647	48.059	ug/l	92
13) Acrolein	3.653	56	56494	112.617	ug/l	99
14) Allyl chloride	4.385	41	311461	50.203	ug/l	99
15) Acrylonitrile	5.061	53	218837	216.246	ug/l	100
16) Acetone	3.866	43	242106	213.105	ug/l	97
17) Carbon Disulfide	4.110	76	761183	52.244	ug/l	100
18) Methyl Acetate	4.385	43	105000	35.233	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	534551	43.691	ug/l	100
20) Methylene Chloride	4.616	84	266723	43.417	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	280736	50.090	ug/l	92
22) Diisopropyl ether	6.019	45	698978	50.934	ug/l	97
23) Vinyl Acetate	5.964	43	1783486	240.104	ug/l	100
24) 1,1-Dichloroethane	5.915	63	456677	50.238	ug/l	97
25) 2-Butanone	6.890	43	283408	204.334	ug/l	96
26) 2,2-Dichloropropane	6.890	77	417422	50.044	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	318214	49.153	ug/l	98
28) Bromochloromethane	7.244	49	177544	52.318	ug/l	92
29) Tetrahydrofuran	7.262	42	160232	203.724	ug/l	98
30) Chloroform	7.421	83	502736	50.337	ug/l	100
31) Cyclohexane	7.701	56	400041	50.393	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	454533	50.079	ug/l	99
36) 1,1-Dichloropropene	7.835	75	353439	53.383	ug/l	98
37) Ethyl Acetate	6.982	43	120211	45.830	ug/l	98
38) Carbon Tetrachloride	7.817	117	419342	52.234	ug/l	97
39) Methylcyclohexane	9.109	83	464282	53.858	ug/l	95
40) Benzene	8.079	78	1102461	52.579	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	69008	48.644	ug/l	88
42) 1,2-Dichloroethane	8.158	62	264013	48.823	ug/l	99
43) Isopropyl Acetate	8.195	43	218913	41.855	ug/l	97
44) Trichloroethene	8.866	130	304200	49.568	ug/l	95
45) 1,2-Dichloropropane	9.140	63	241653	52.179	ug/l	99
46) Dibromomethane	9.231	93	141151	48.199	ug/l	96
47) Bromodichloromethane	9.420	83	371398	50.355	ug/l	99
48) Methyl methacrylate	9.219	41	108629	44.209	ug/l	97
49) 1,4-Dioxane	9.225	88	26603	783.509	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	588211	217.668	ug/l	98
52) Toluene	10.170	92	719409	52.843	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	306600	47.808	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	376646	49.762	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	184595	46.874	ug/l	95
56) Ethyl methacrylate	10.438	69	207447	45.667	ug/l	97
57) 1,3-Dichloropropane	10.719	76	300617	48.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	460038	226.065	ug/l	97
59) 2-Hexanone	10.762	43	410004	212.305	ug/l	99
60) Dibromochloromethane	10.914	129	260773	47.231	ug/l	100
61) 1,2-Dibromoethane	11.018	107	172160	45.839	ug/l	99
64) Tetrachloroethene	10.646	164	377209	51.602	ug/l	97
65) Chlorobenzene	11.444	112	777261	50.479	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	271735	49.523	ug/l	99
67) Ethyl Benzene	11.518	91	1337480	53.662	ug/l	100
68) m/p-Xylenes	11.627	106	1068845	106.916	ug/l	97
69) o-Xylene	11.956	106	484934	51.716	ug/l	98
70) Styrene	11.969	104	806496	52.302	ug/l	99
71) Bromoform	12.133	173	148639	43.671	ug/l #	99
73) Isopropylbenzene	12.255	105	1285650	55.367	ug/l	99
74) N-amyl acetate	12.072	43	183487	43.993	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	170015	44.766	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	240224	77.274	ug/l #	100
77) Bromobenzene	12.530	156	306991	49.729	ug/l	95
78) n-propylbenzene	12.597	91	1516835	56.448	ug/l	98
79) 2-Chlorotoluene	12.682	91	861980	54.779	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	1047849	55.843	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	59132	46.644	ug/l	98
82) 4-Chlorotoluene	12.779	91	886403	54.697	ug/l	98
83) tert-Butylbenzene	12.999	119	932122	53.802	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	1033520	55.191	ug/l	98
85) sec-Butylbenzene	13.176	105	1372736	55.235	ug/l	99
86) p-Isopropyltoluene	13.292	119	1150579	54.375	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	606353	50.440	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	580223	48.870	ug/l	99
89) n-Butylbenzene	13.615	91	1004396	54.476	ug/l	98
90) Hexachloroethane	13.883	117	237073	52.091	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	514119	48.781	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24991	40.103	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	283404	43.133	ug/l	99
94) Hexachlorobutadiene	15.023	225	191091	46.656	ug/l	99
95) Naphthalene	15.145	128	399161	38.151	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	236184	41.500	ug/l	99

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

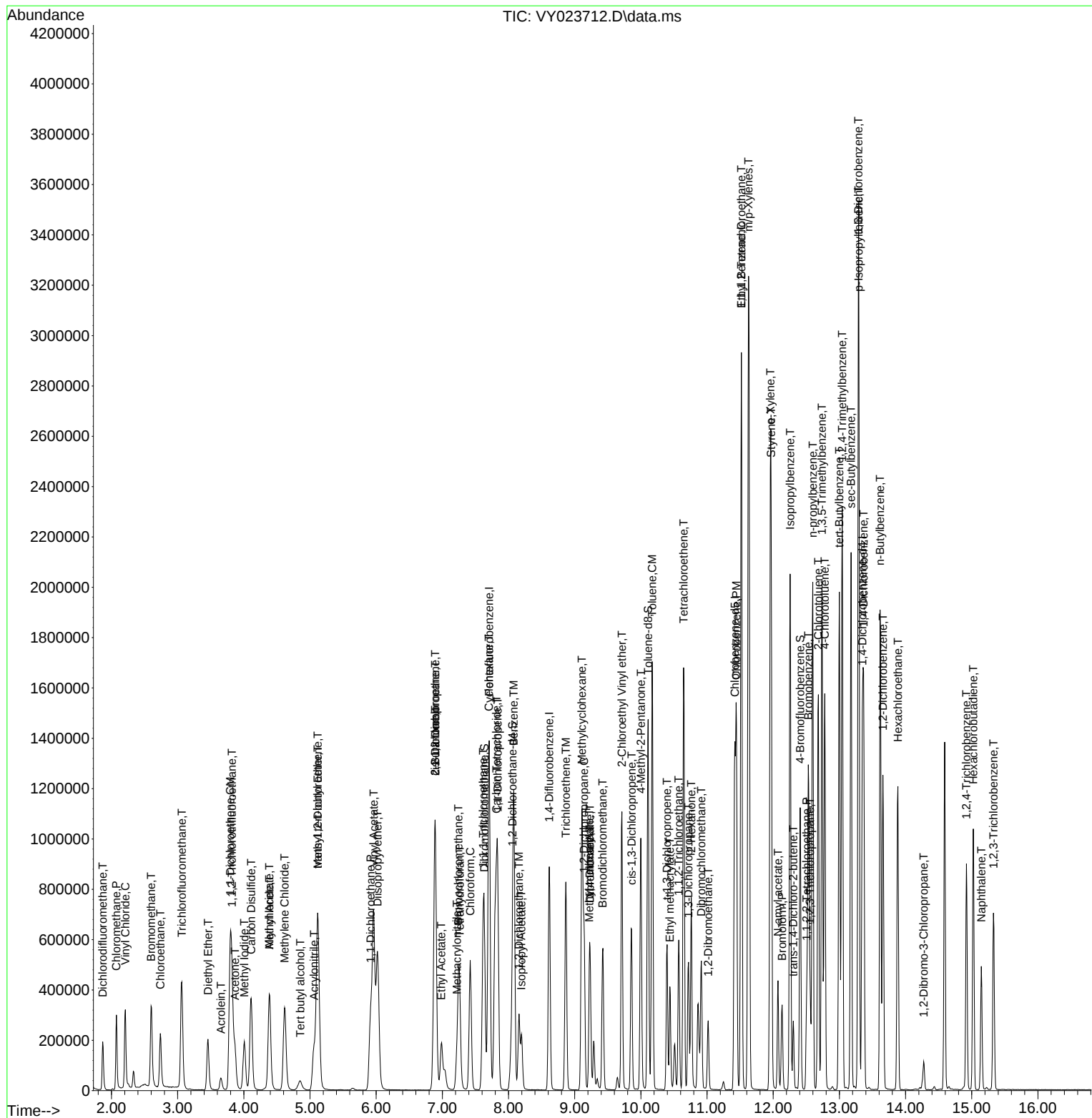
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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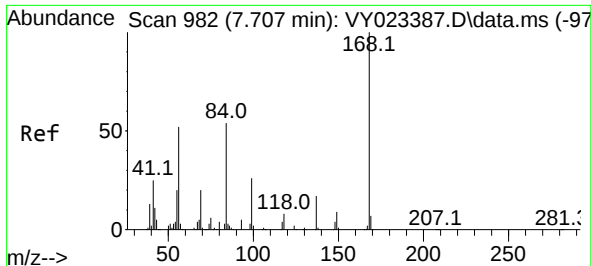
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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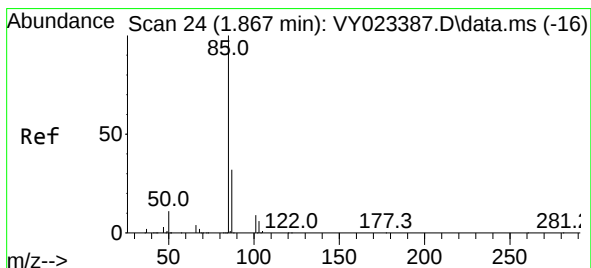
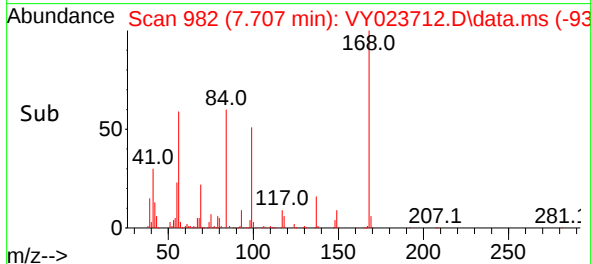
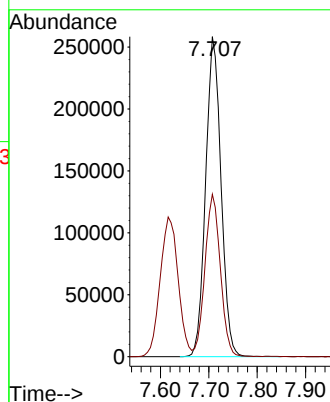
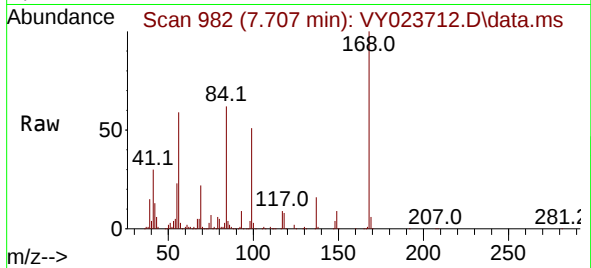




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023712.D
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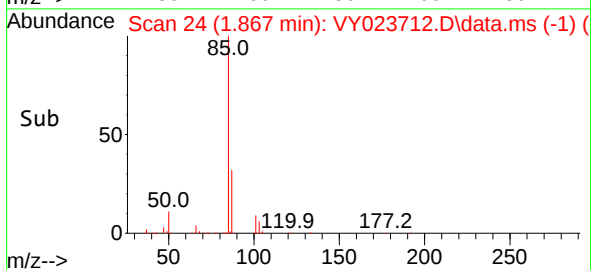
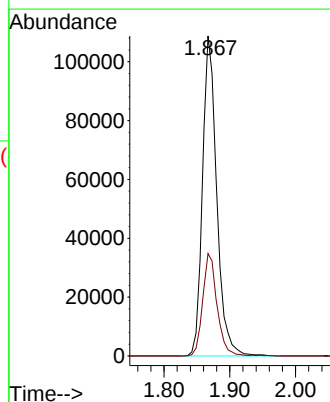
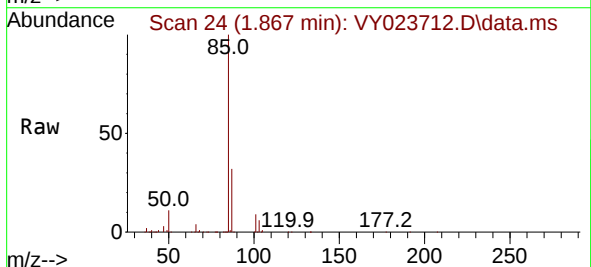
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

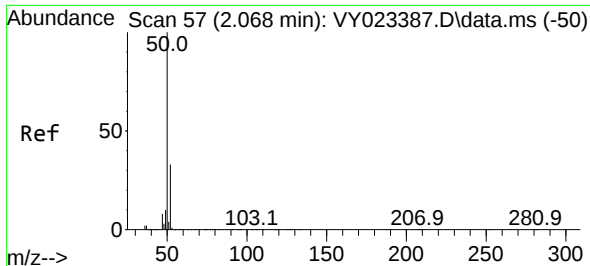
Tgt Ion:168 Resp: 570679
Ion Ratio Lower Upper
168 100
99 50.7 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 39.808 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 85 Resp: 163520
Ion Ratio Lower Upper
85 100
87 32.0 16.0 47.9

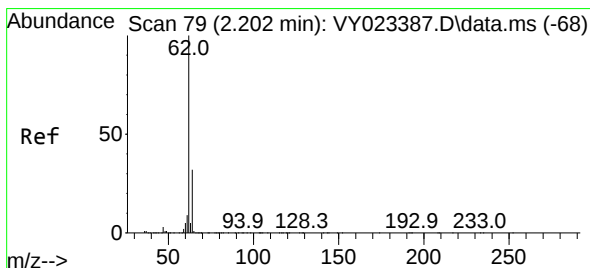
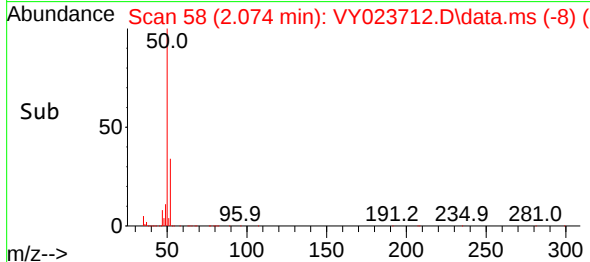
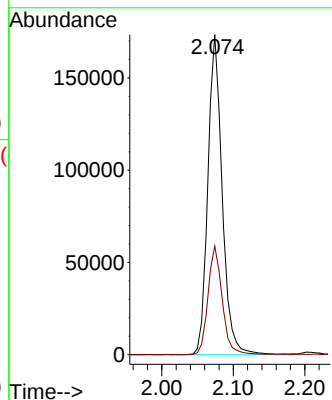
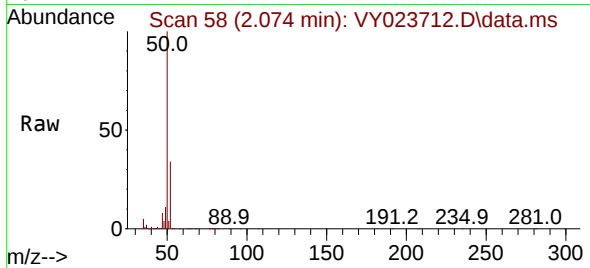




#3
Chloromethane
Concen: 43.155 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

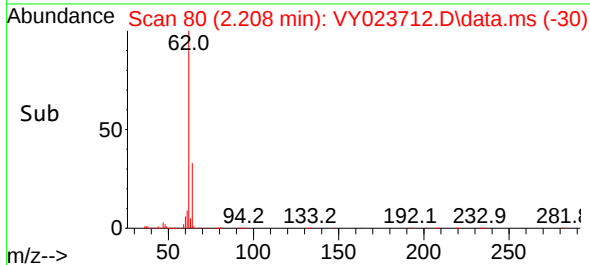
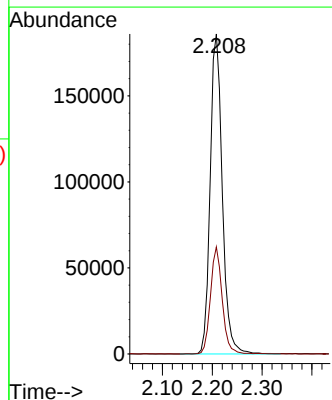
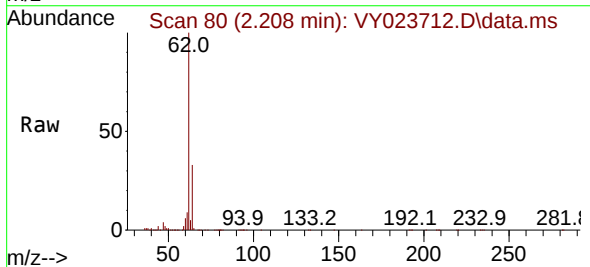
Instrument :
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ClientSampleId :
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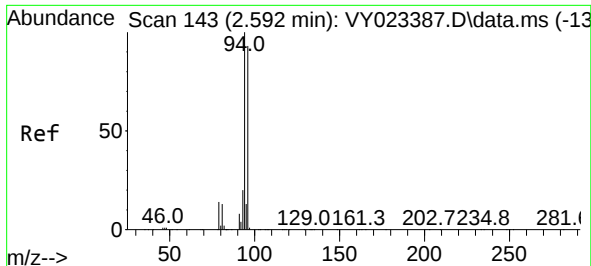
Tgt Ion: 50 Resp: 241485
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.2



#4
Vinyl Chloride
Concen: 43.011 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 62 Resp: 313481
Ion Ratio Lower Upper
62 100
64 33.5 25.8 38.8

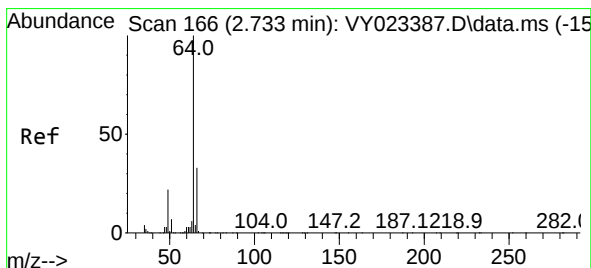
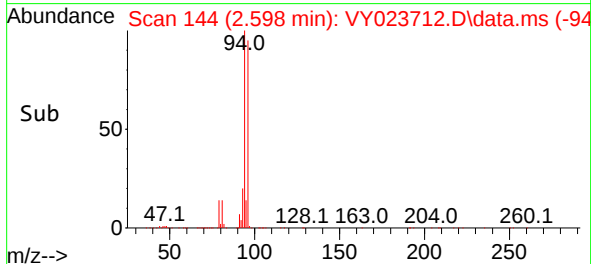
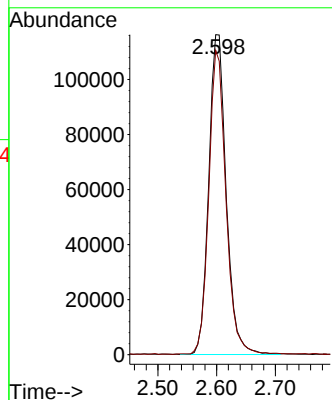
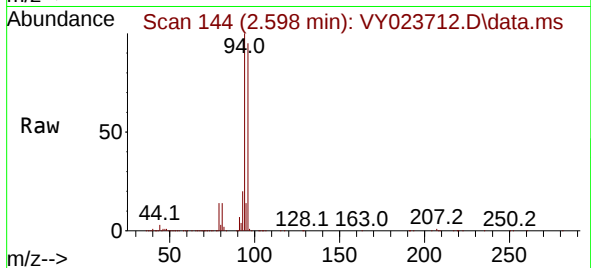




#5
Bromomethane
Concen: 39.299 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023712.D
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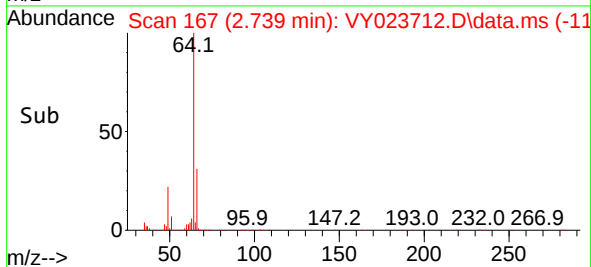
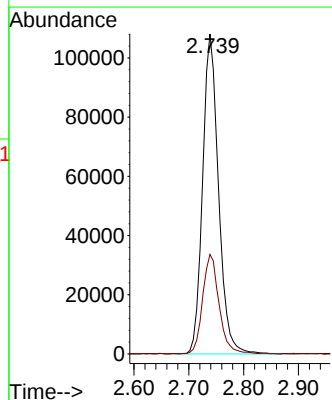
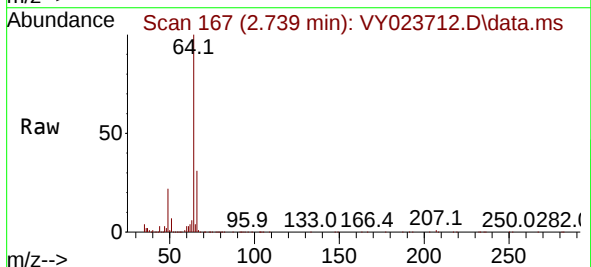
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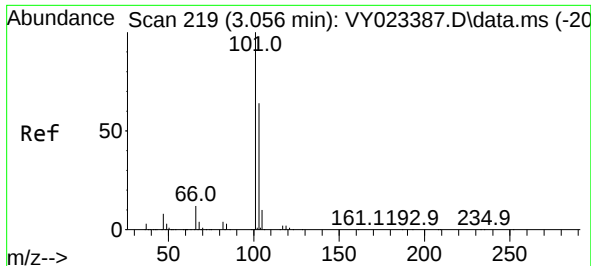
Tgt Ion: 94 Resp: 240367
Ion Ratio Lower Upper
94 100
96 94.9 74.5 111.7



#6
Chloroethane
Concen: 43.811 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 64 Resp: 217658
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4

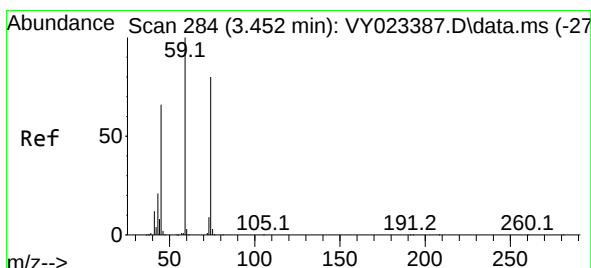
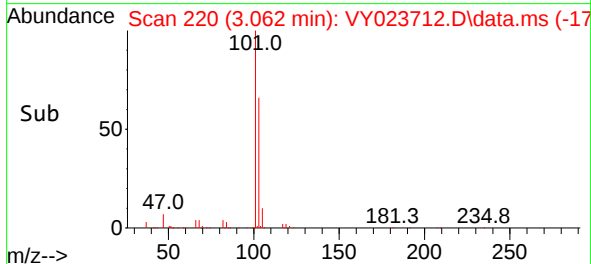
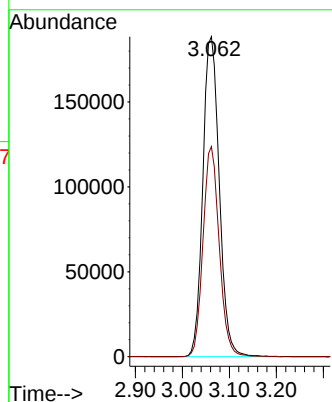
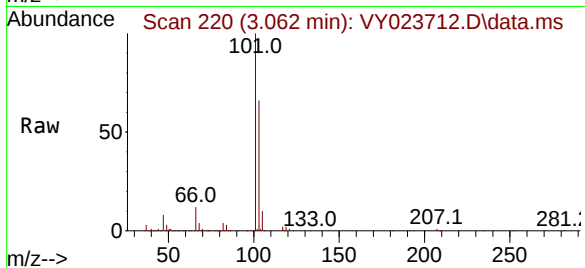




#7
Trichlorofluoromethane
Concen: 45.324 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

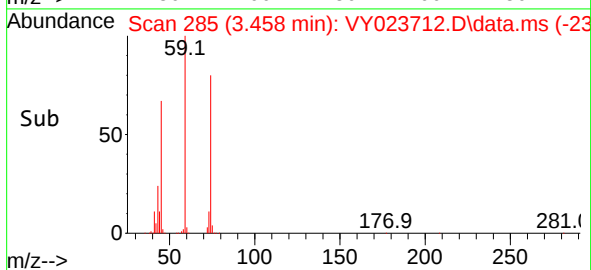
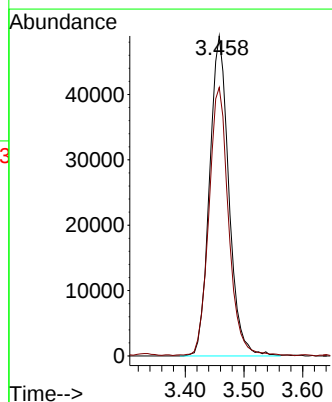
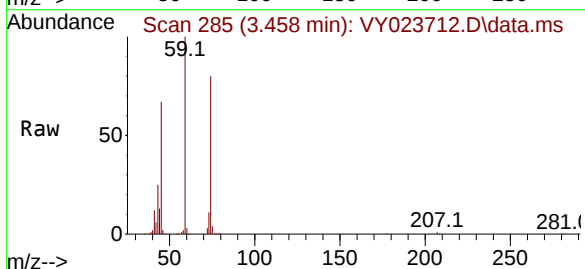
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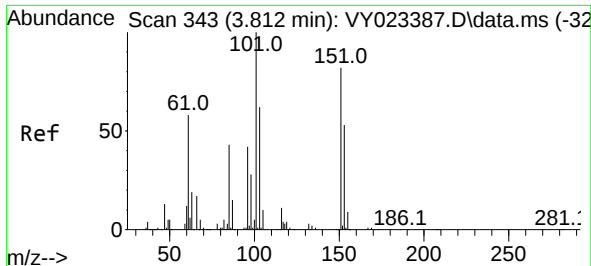
Tgt Ion:101 Resp: 458672
Ion Ratio Lower Upper
101 100
103 65.7 51.3 76.9



#8
Diethyl Ether
Concen: 42.419 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 74 Resp: 112171
Ion Ratio Lower Upper
74 100
45 85.3 39.9 119.7

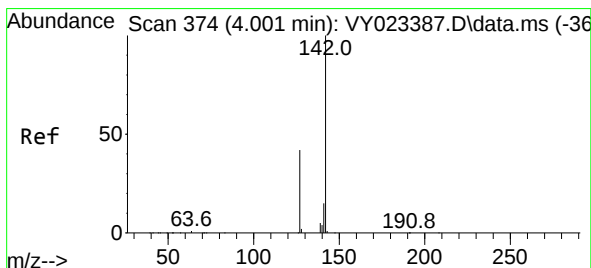
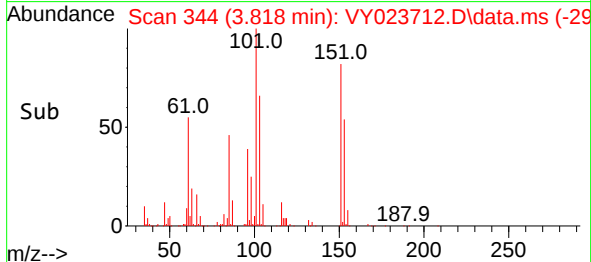
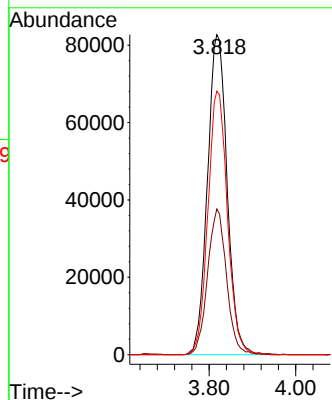
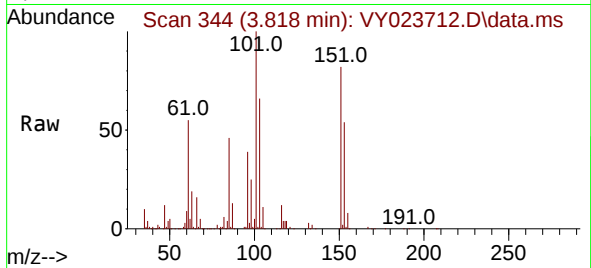




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.709 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

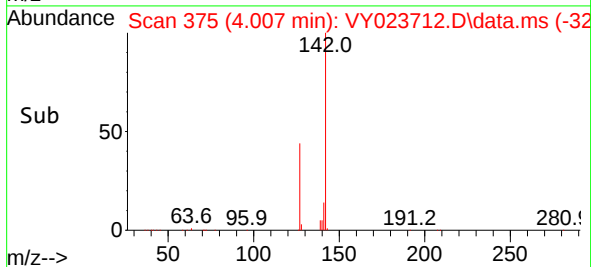
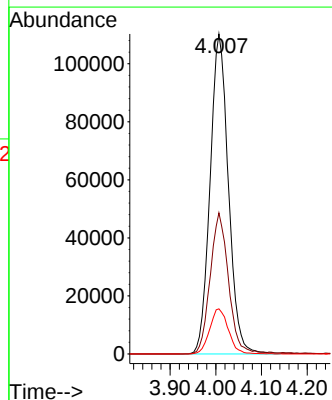
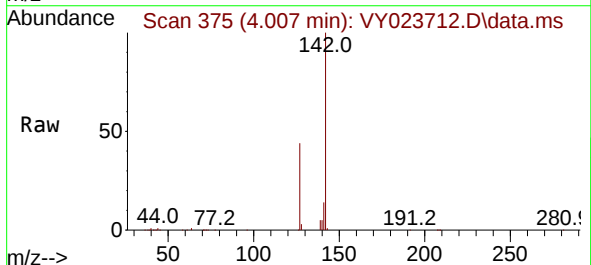
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

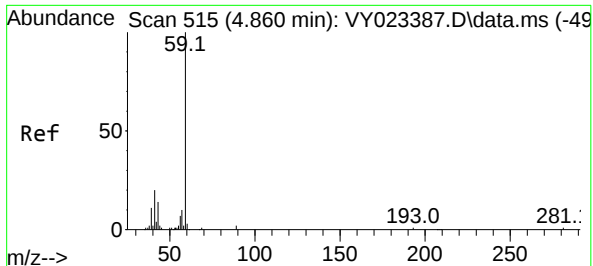
Tgt Ion:101 Resp: 261038
Ion Ratio Lower Upper
101 100
85 43.8 34.6 51.8
151 81.8 67.0 100.6



#10
Methyl Iodide
Concen: 52.430 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion:142 Resp: 306512
Ion Ratio Lower Upper
142 100
127 44.2 34.8 52.2
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 183.845 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

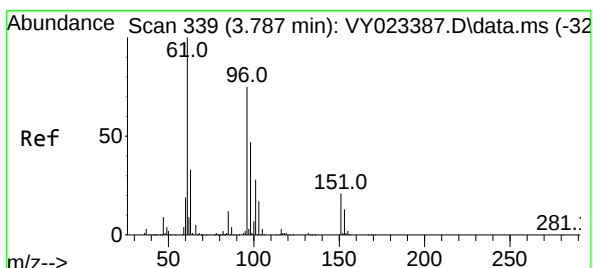
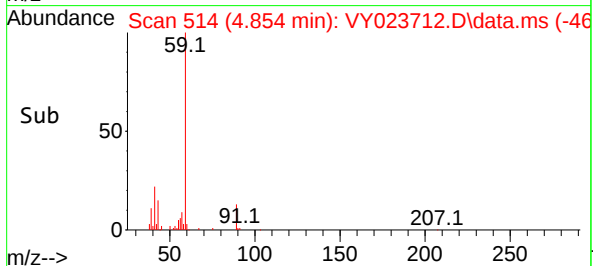
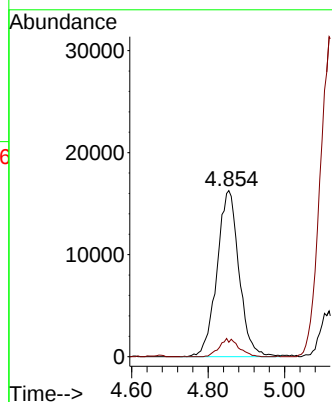
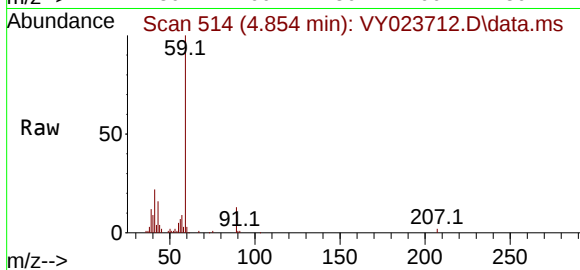
VSTDCCC050

Tgt Ion: 59 Resp: 65268

Ion Ratio Lower Upper

59 100

57 9.6 8.3 12.5



#12

1,1-Dichloroethene

Concen: 48.059 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

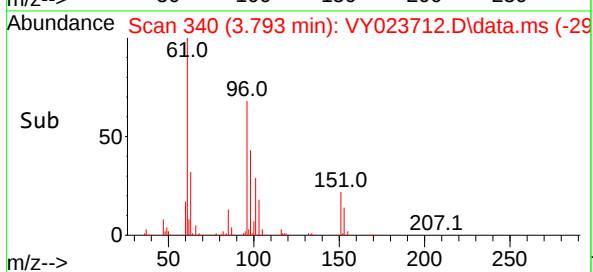
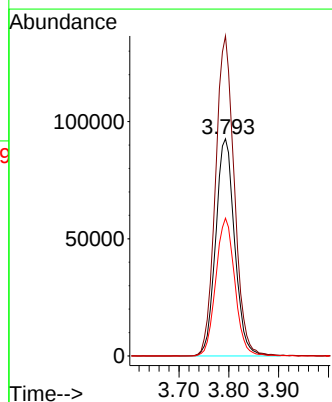
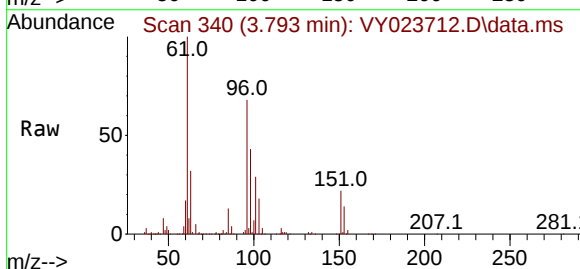
Tgt Ion: 96 Resp: 244647

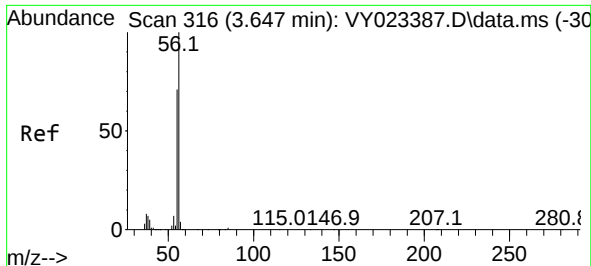
Ion Ratio Lower Upper

96 100

61 147.4 106.7 160.1

98 63.4 50.2 75.4





#13

Acrolein

Concen: 112.617 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

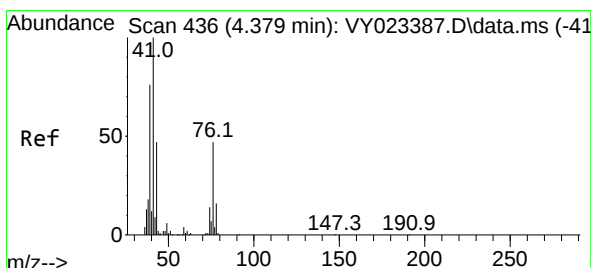
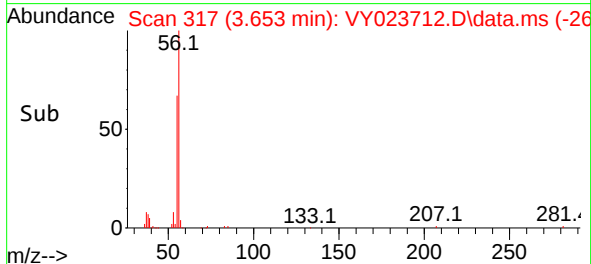
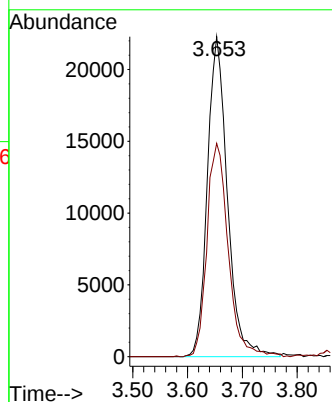
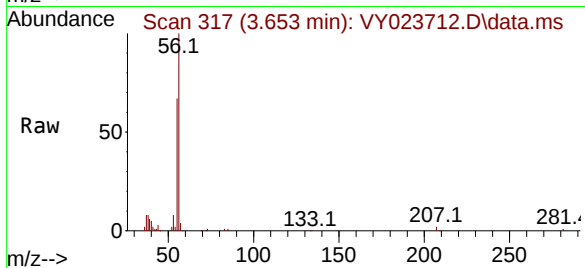
VSTDCCC050

Tgt Ion: 56 Resp: 56494

Ion Ratio Lower Upper

56 100

55 70.7 56.1 84.1



#14

Allyl chloride

Concen: 50.203 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

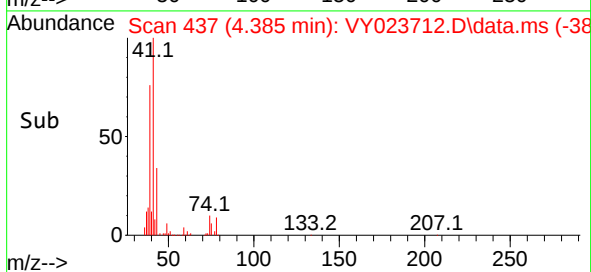
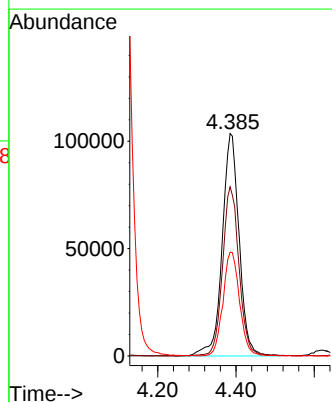
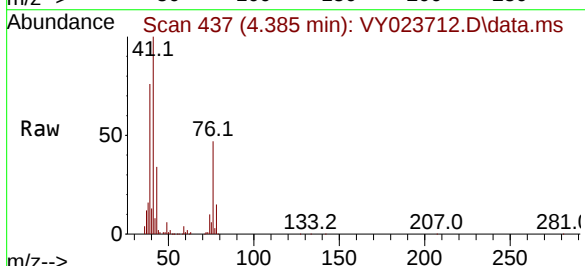
Tgt Ion: 41 Resp: 311461

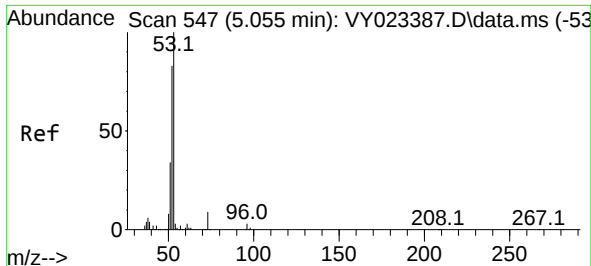
Ion Ratio Lower Upper

41 100

39 74.3 59.9 89.9

76 45.8 38.0 57.0

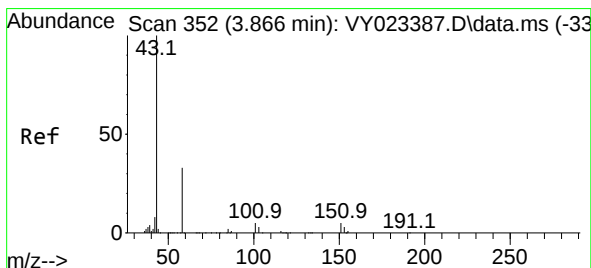
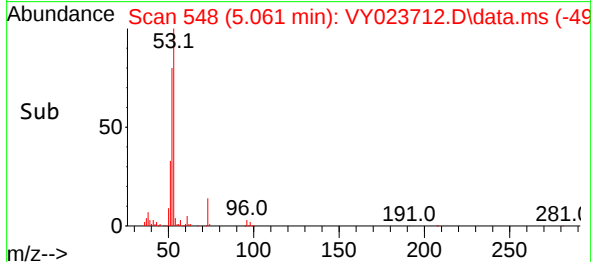
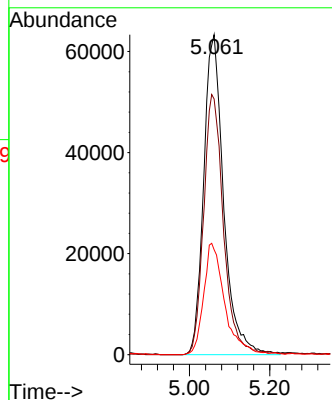
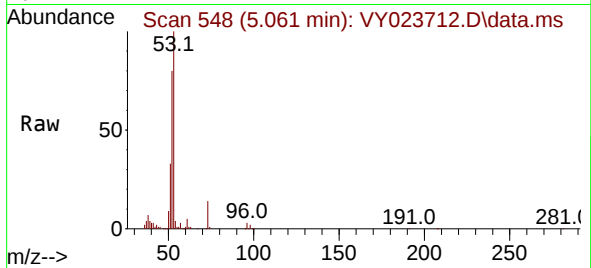




#15
Acrylonitrile
Concen: 216.246 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

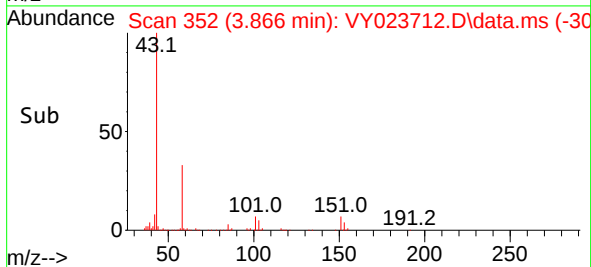
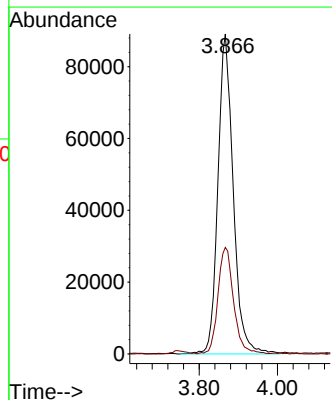
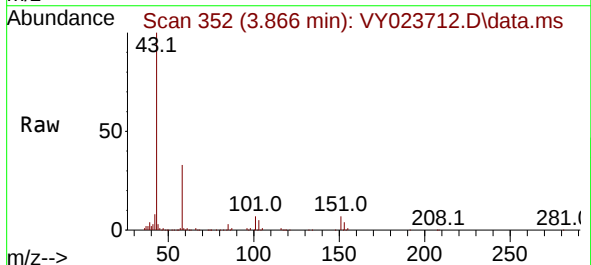
Instrument :
MSVOA_Y
ClientSampleId :
VSTDECC050

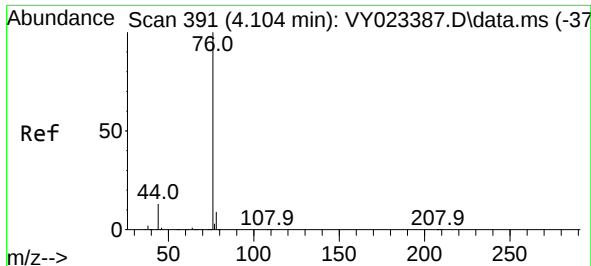
Tgt Ion: 53 Resp: 218837
Ion Ratio Lower Upper
53 100
52 81.0 64.6 97.0
51 36.7 29.5 44.3



#16
Acetone
Concen: 213.105 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 43 Resp: 242106
Ion Ratio Lower Upper
43 100
58 33.0 27.7 41.5

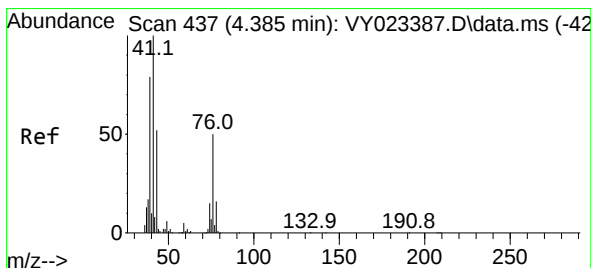
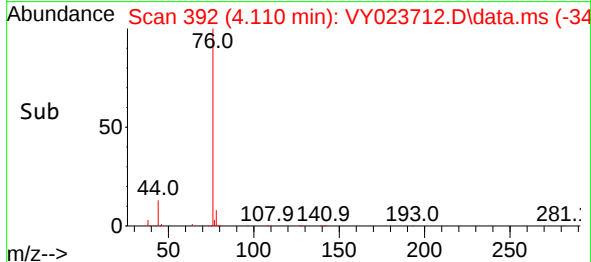
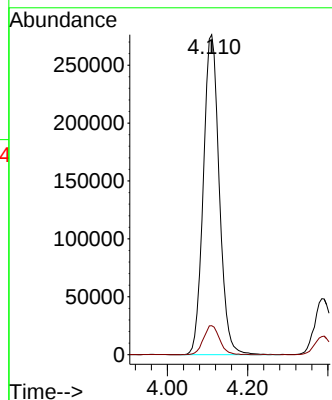
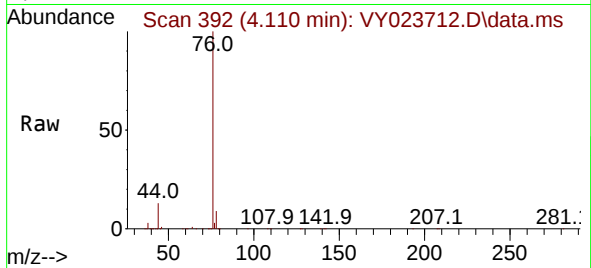




#17
Carbon Disulfide
Concen: 52.244 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

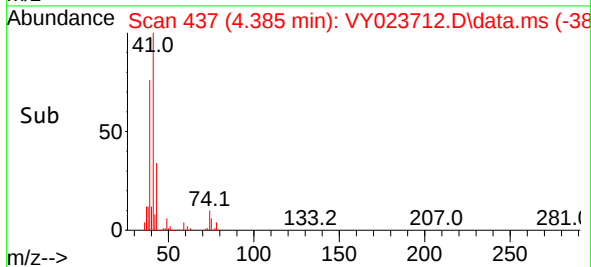
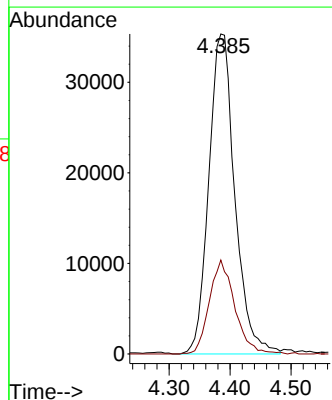
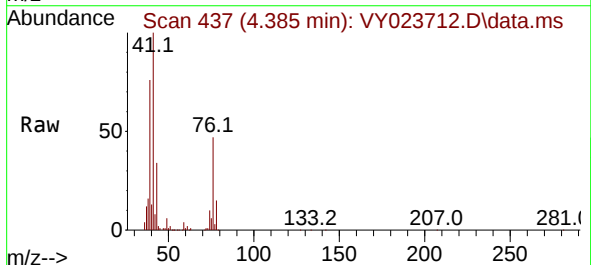
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

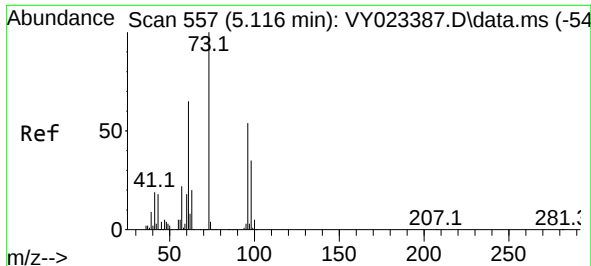
Tgt Ion: 76 Resp: 761183
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 35.233 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 43 Resp: 105000
Ion Ratio Lower Upper
43 100
74 28.7 24.2 36.4

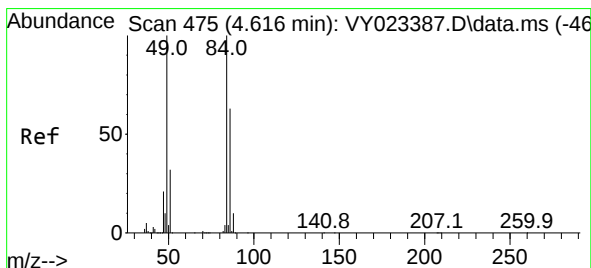
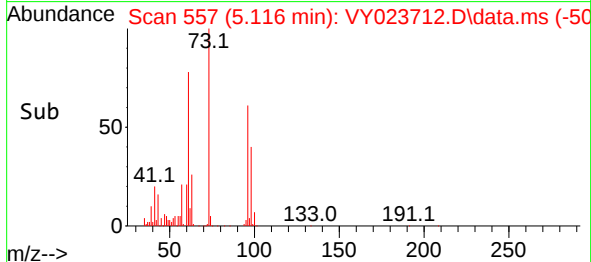
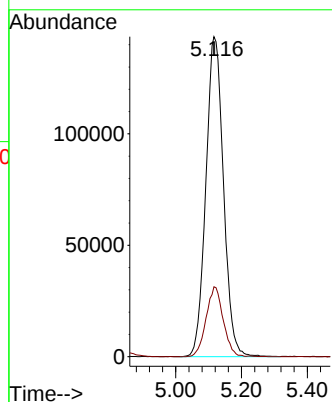
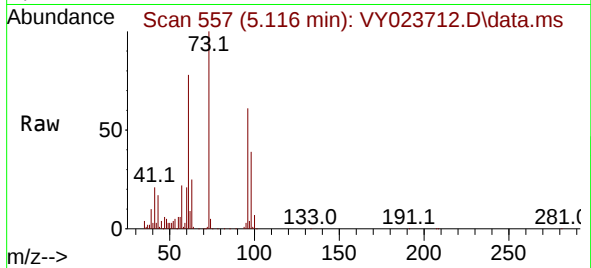




#19
Methyl tert-butyl Ether
Concen: 43.691 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

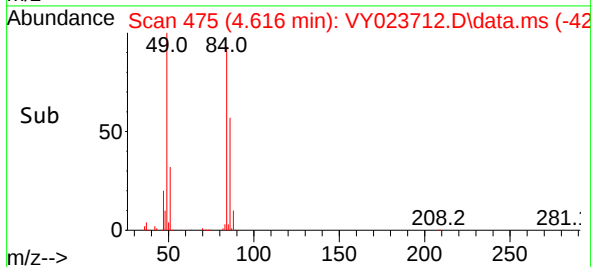
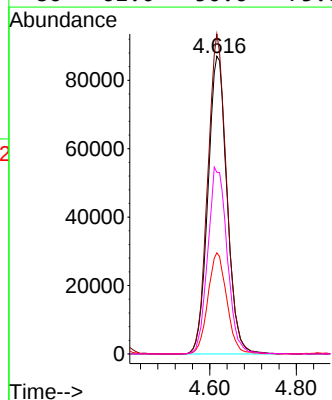
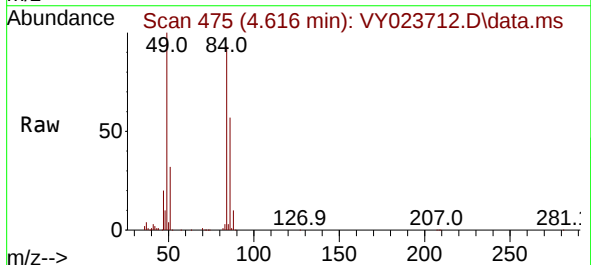
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

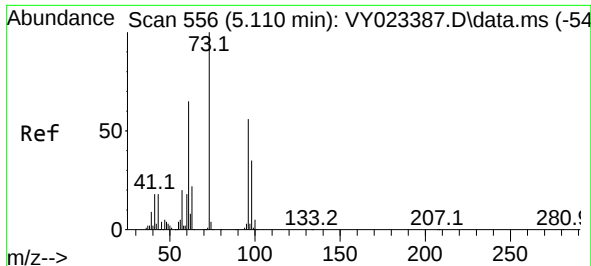
Tgt Ion: 73 Resp: 534551
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0



#20
Methylene Chloride
Concen: 43.417 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 84 Resp: 266723
Ion Ratio Lower Upper
84 100
49 107.5 80.2 120.4
51 34.0 25.9 38.9
86 61.0 50.6 75.8

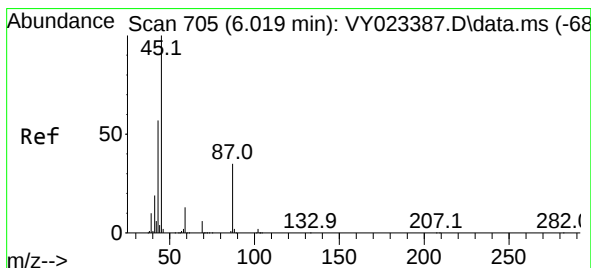
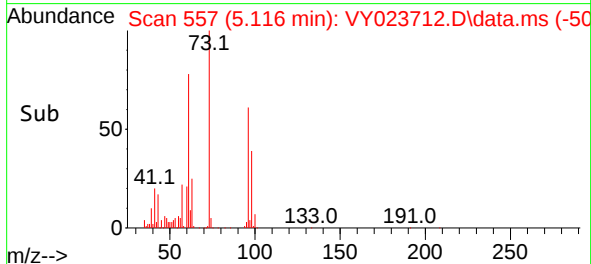
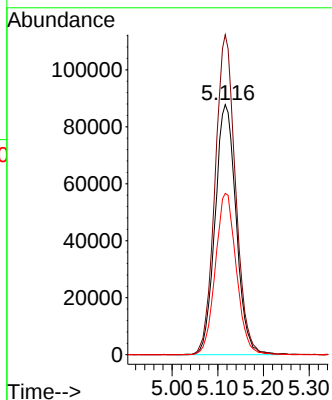
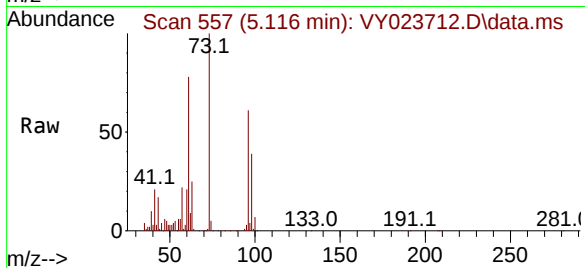




#21
trans-1,2-Dichloroethene
Concen: 50.090 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

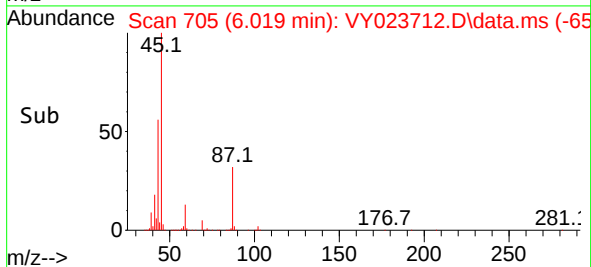
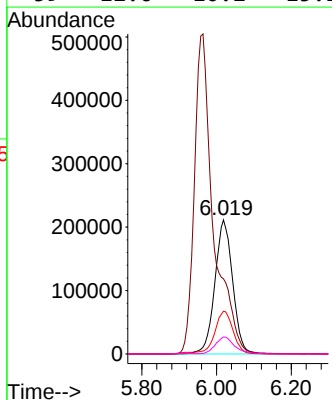
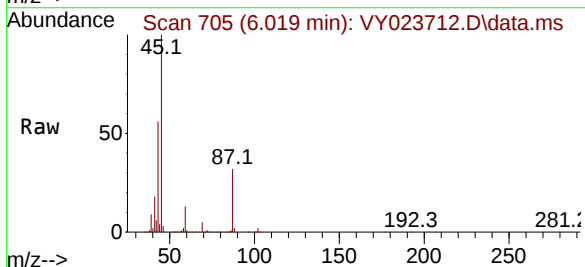
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

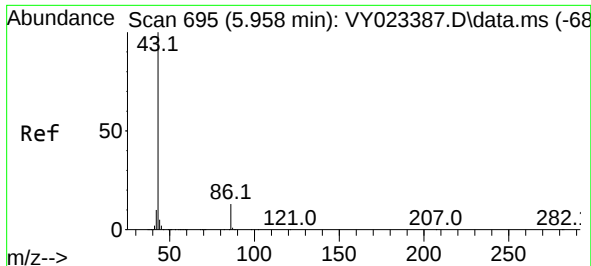
Tgt Ion: 96 Resp: 280736
Ion Ratio Lower Upper
96 100
61 127.9 92.7 139.1
98 64.5 49.7 74.5



#22
Diisopropyl ether
Concen: 50.934 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 45 Resp: 698978
Ion Ratio Lower Upper
45 100
43 55.8 45.6 68.4
87 31.9 28.1 42.1
59 12.6 10.2 15.2

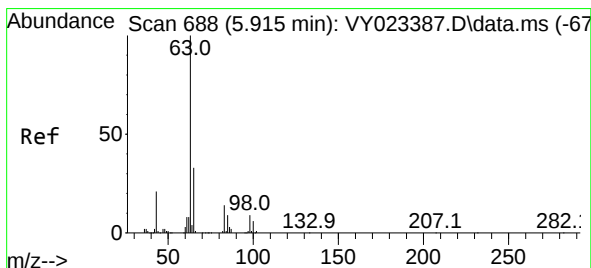
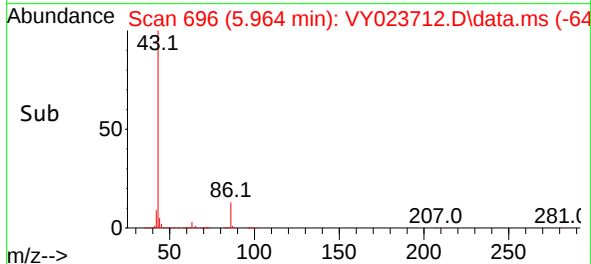
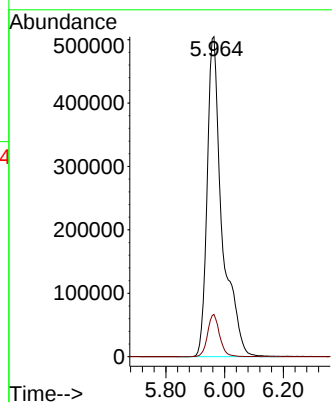
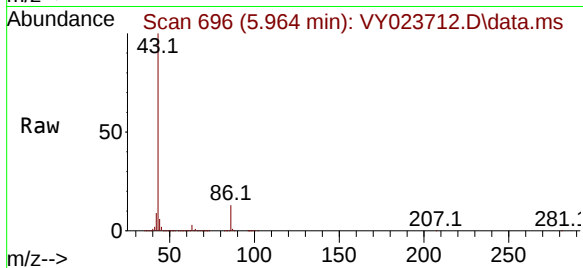




#23
 Vinyl Acetate
 Concen: 240.104 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023712.D
 Acq: 10 Nov 2025 10:58

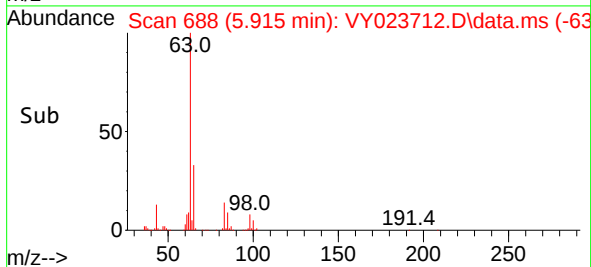
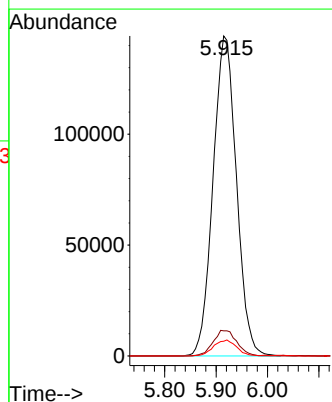
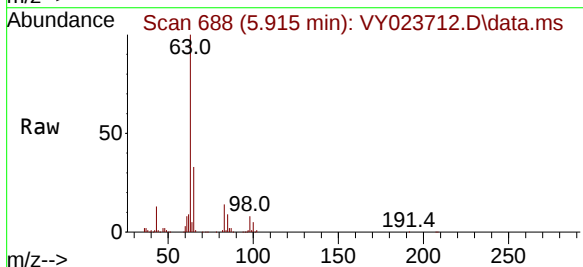
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

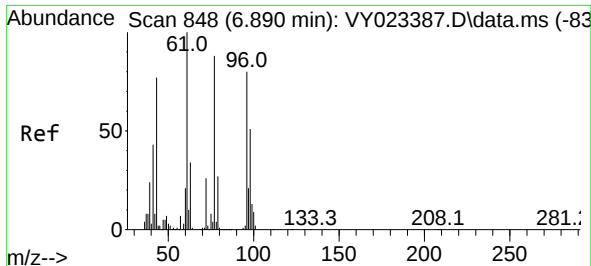
Tgt Ion: 43 Resp: 1783486
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 50.238 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023712.D
 Acq: 10 Nov 2025 10:58

Tgt Ion: 63 Resp: 456677
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.3 13.1
 100 4.6 2.8 8.4





#25

2-Butanone

Concen: 204.334 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

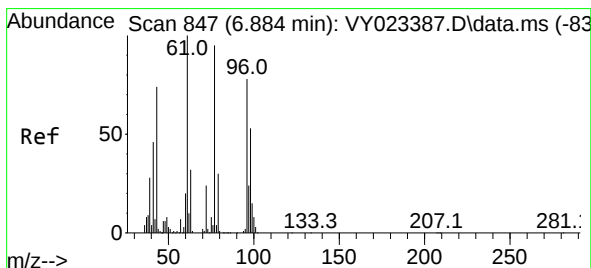
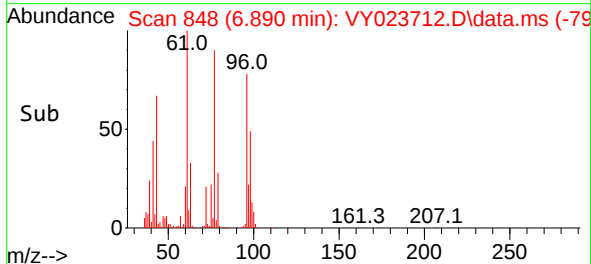
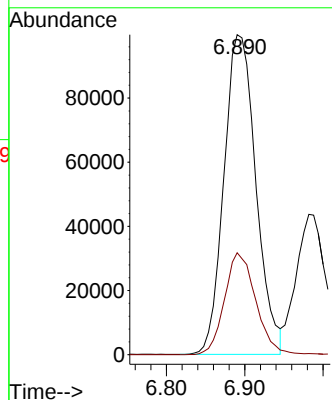
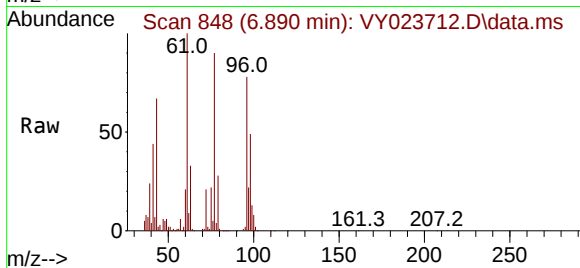
VSTDCCC050

Tgt Ion: 43 Resp: 283408

Ion Ratio Lower Upper

43 100

72 31.9 27.4 41.2



#26

2,2-Dichloropropane

Concen: 50.044 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023712.D

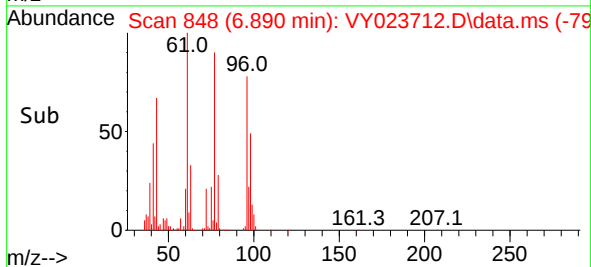
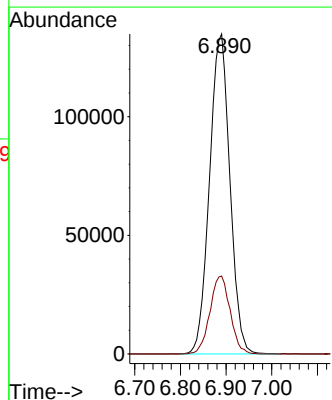
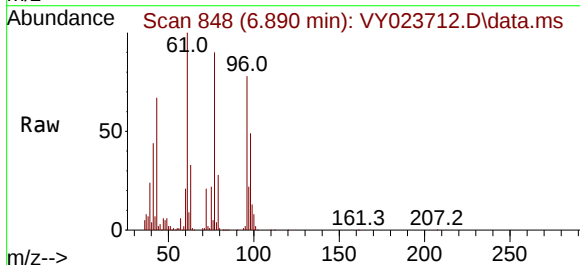
Acq: 10 Nov 2025 10:58

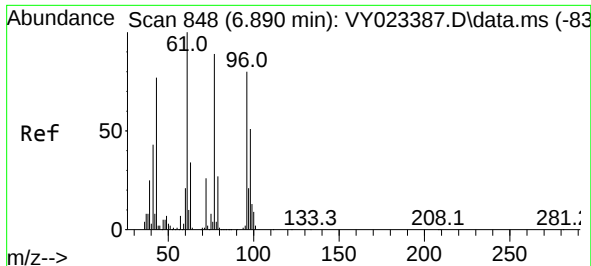
Tgt Ion: 77 Resp: 417422

Ion Ratio Lower Upper

77 100

97 24.1 12.1 36.3

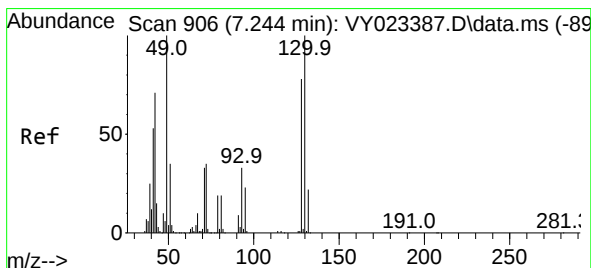
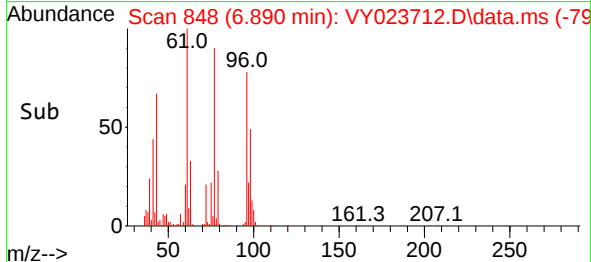
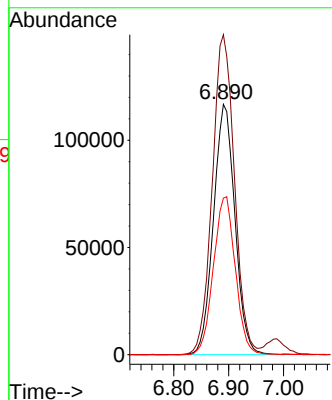
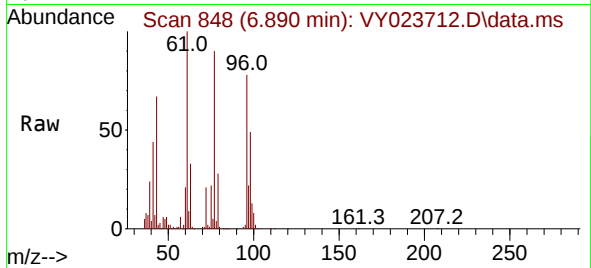




#27
 cis-1,2-Dichloroethene
 Concen: 49.153 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY023712.D
 Acq: 10 Nov 2025 10:58

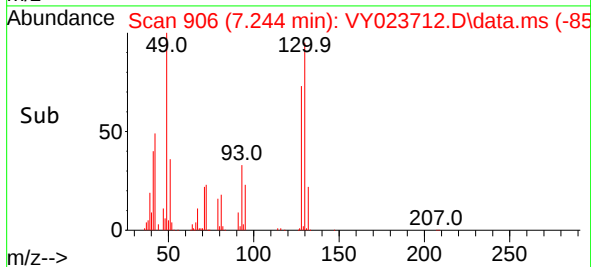
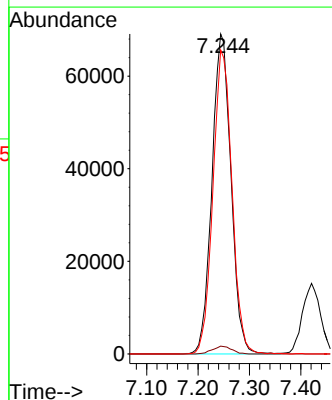
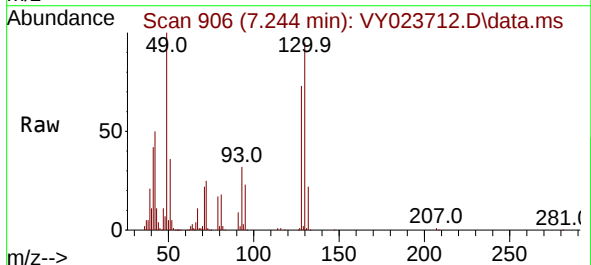
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

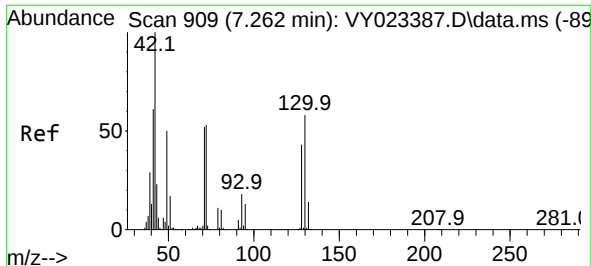
Tgt Ion: 96 Resp: 318214
 Ion Ratio Lower Upper
 96 100
 61 131.5 0.0 258.2
 98 64.3 0.0 132.0



#28
 Bromochloromethane
 Concen: 52.318 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY023712.D
 Acq: 10 Nov 2025 10:58

Tgt Ion: 49 Resp: 177544
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.6
 130 94.6 81.9 122.9

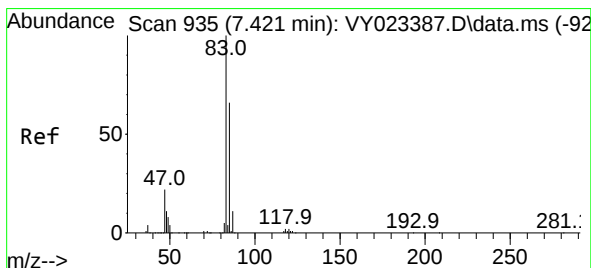
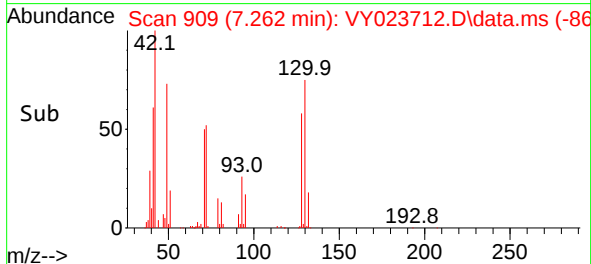
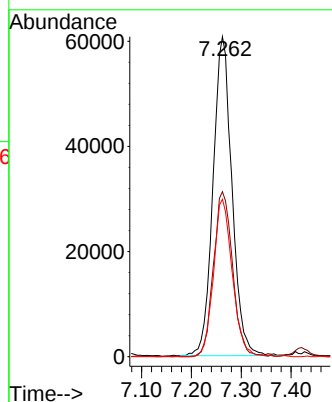
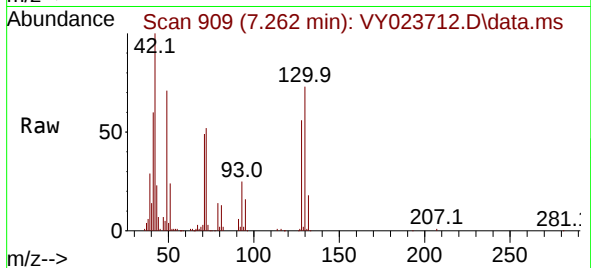




#29
Tetrahydrofuran
Concen: 203.724 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

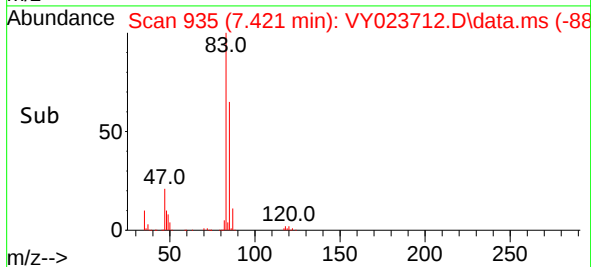
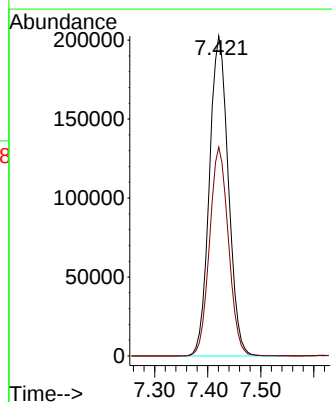
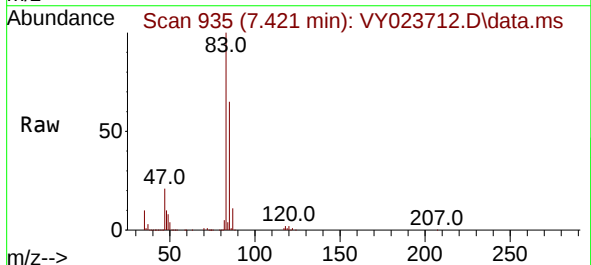
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

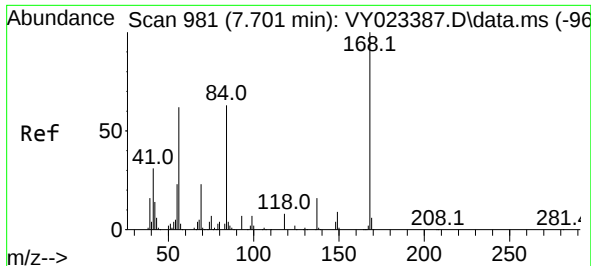
Tgt Ion: 42 Resp: 160232
Ion Ratio Lower Upper
42 100
72 52.3 43.0 64.6
71 49.2 40.1 60.1



#30
Chloroform
Concen: 50.337 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 83 Resp: 502736
Ion Ratio Lower Upper
83 100
85 65.3 52.5 78.7

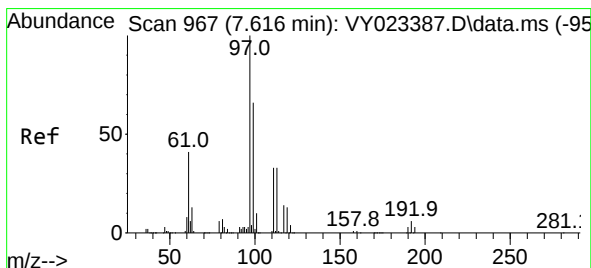
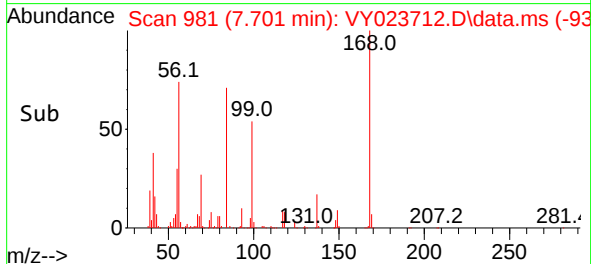
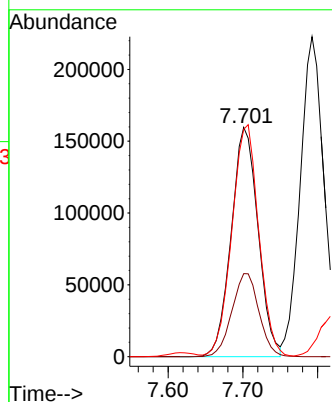
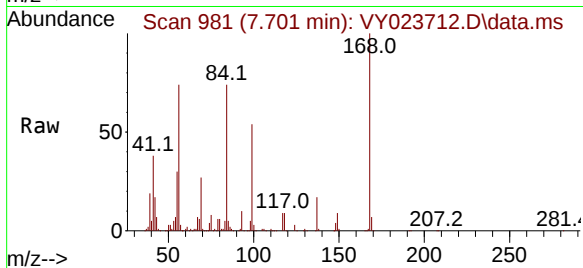




#31
Cyclohexane
Concen: 50.393 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

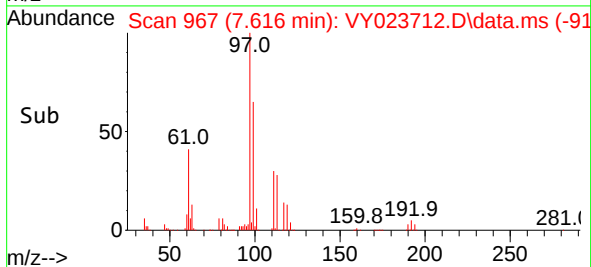
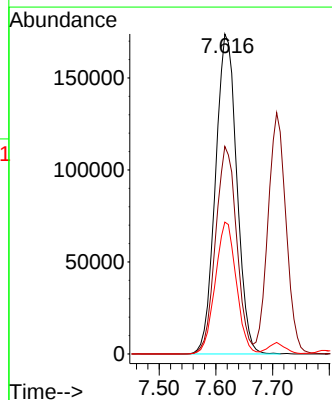
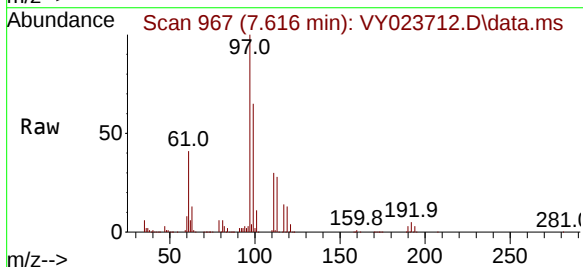
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

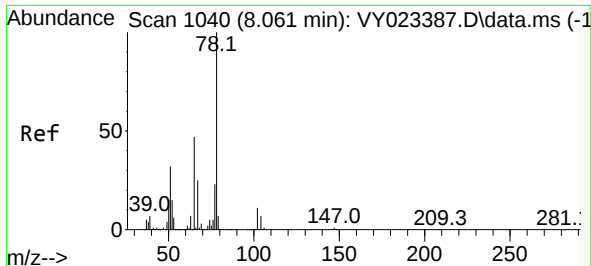
Tgt Ion: 56 Resp: 400041
Ion Ratio Lower Upper
56 100
69 36.2 30.0 45.0
84 97.5 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 50.079 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 97 Resp: 454533
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 40.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 47.977 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

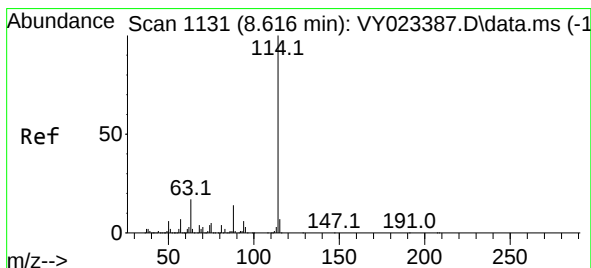
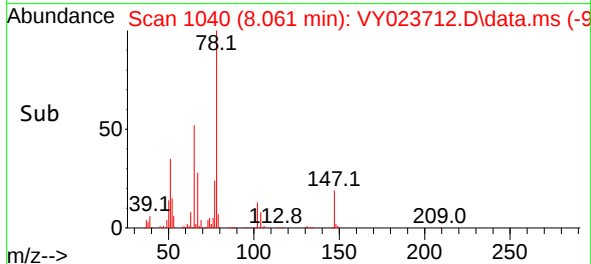
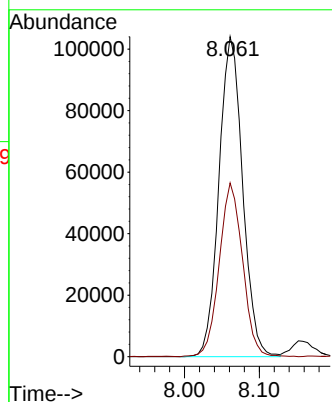
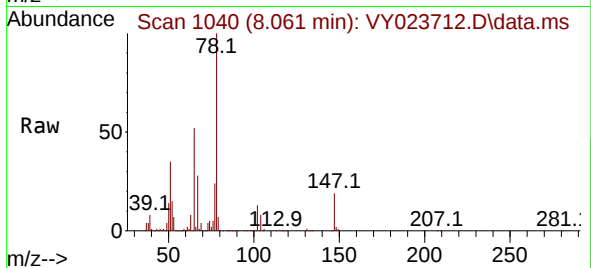
VSTDCCC050

Tgt Ion: 65 Resp: 228950

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

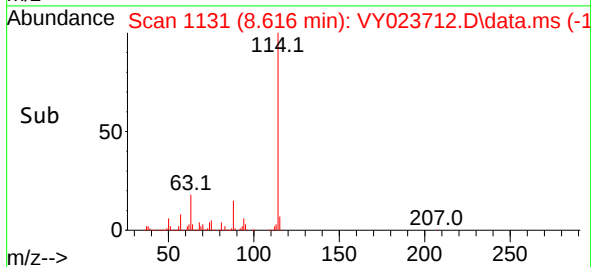
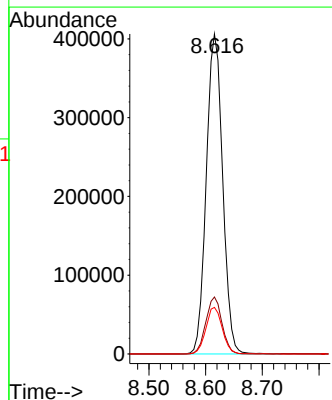
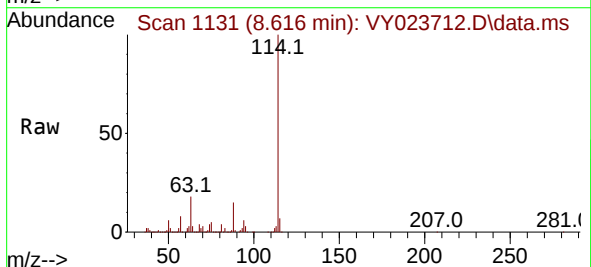
Tgt Ion: 114 Resp: 813902

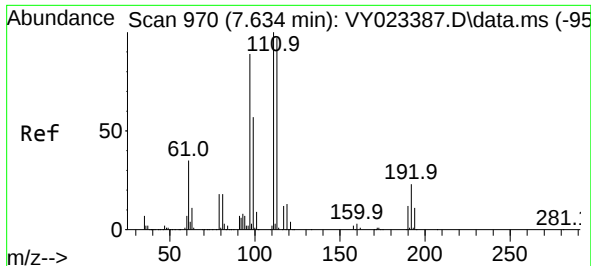
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.2

88 14.6 0.0 28.4

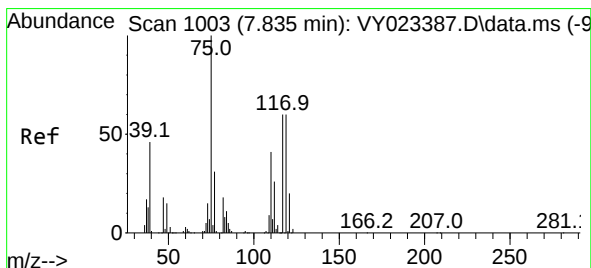
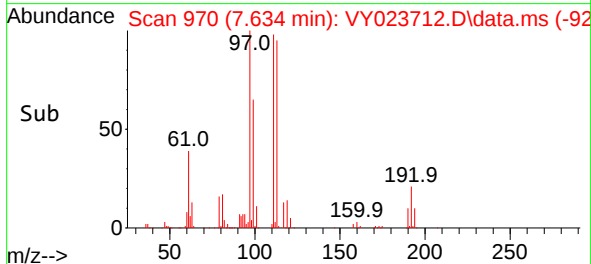
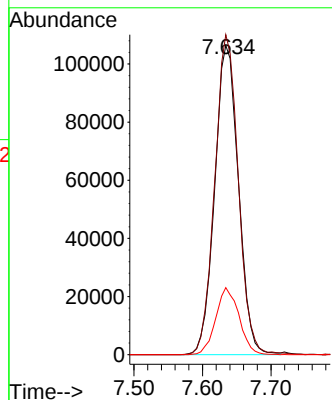
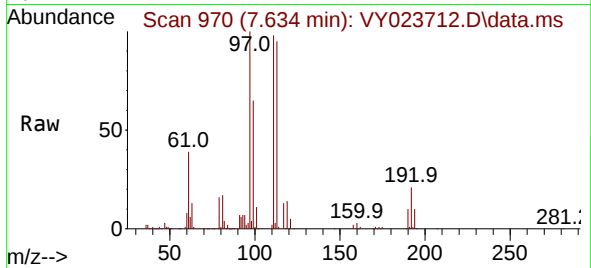




#35
Dibromofluoromethane
Concen: 51.124 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

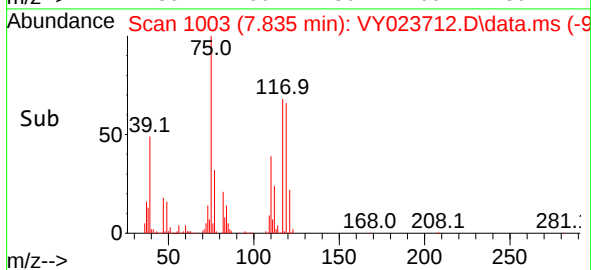
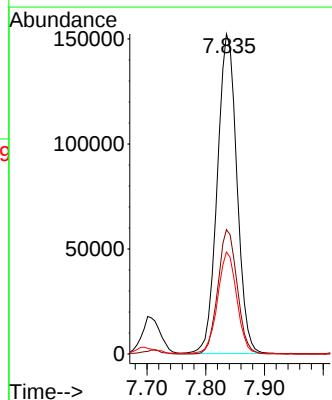
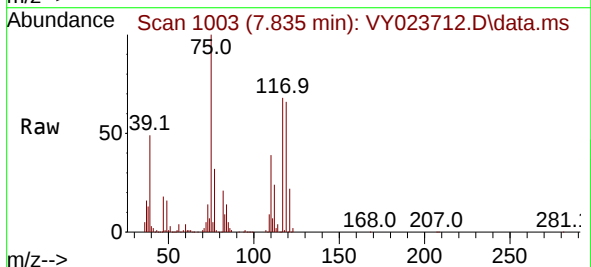
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

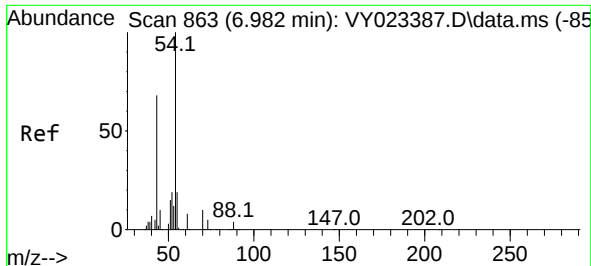
Tgt Ion:113 Resp: 255675
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 21.3 18.0 27.0



#36
1,1-Dichloropropene
Concen: 53.383 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 75 Resp: 353439
Ion Ratio Lower Upper
75 100
110 38.1 19.9 59.7
77 31.6 25.0 37.6

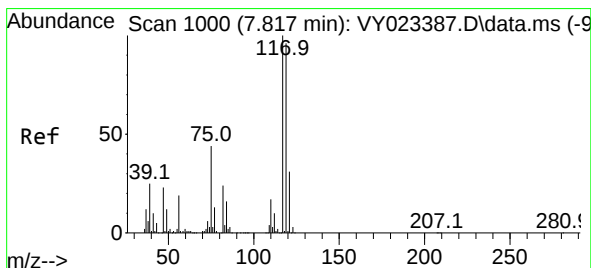
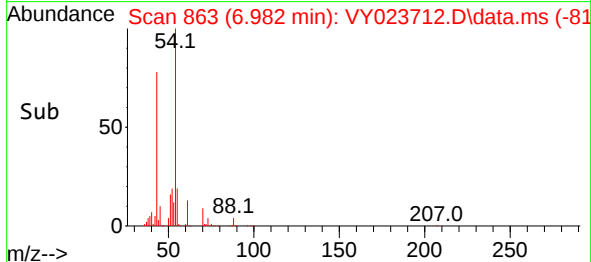
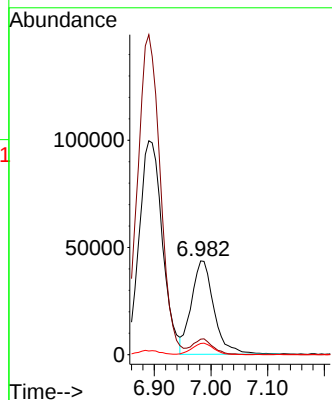
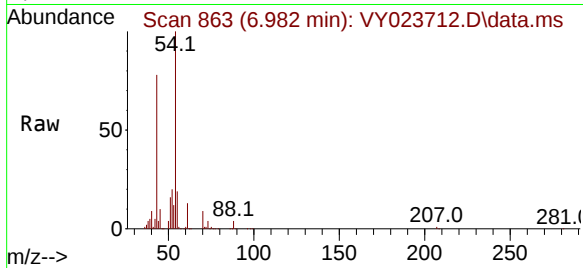




#37
Ethyl Acetate
Concen: 45.830 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

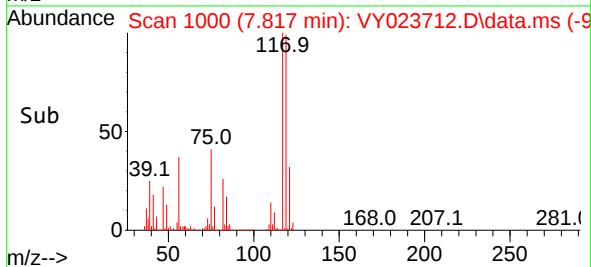
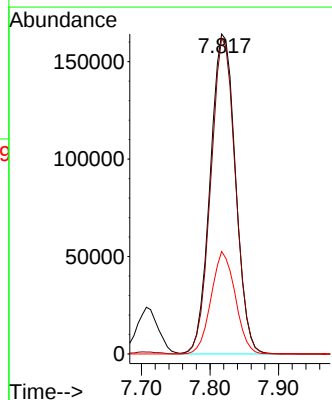
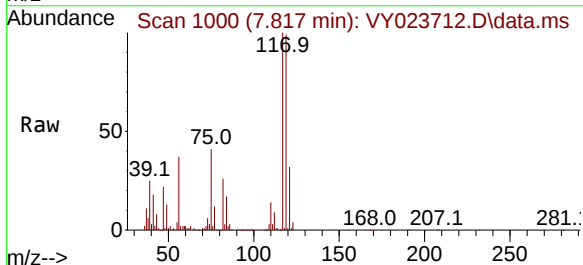
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

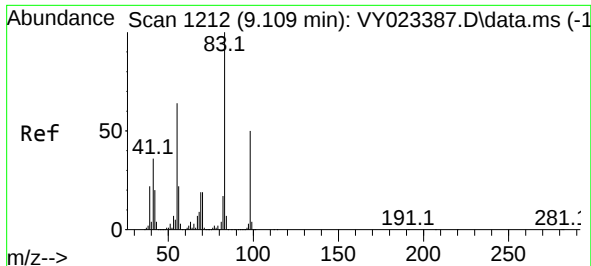
Tgt Ion: 43 Resp: 120211
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 11.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 52.234 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 117 Resp: 419342
Ion Ratio Lower Upper
117 100
119 98.7 76.8 115.2
121 32.0 24.5 36.7





#39

Methylcyclohexane

Concen: 53.858 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

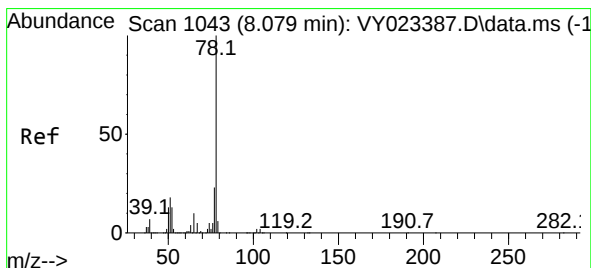
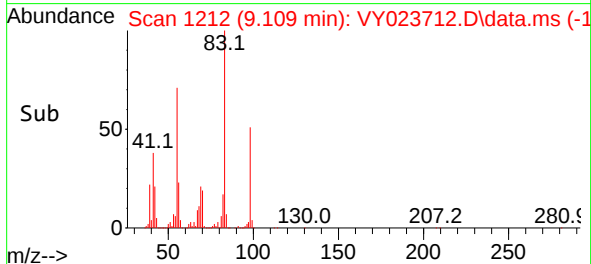
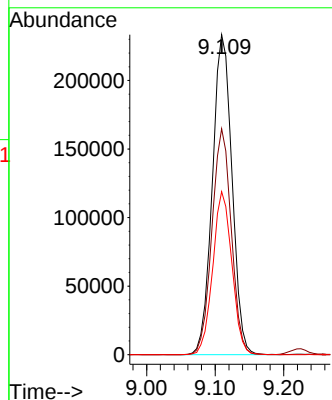
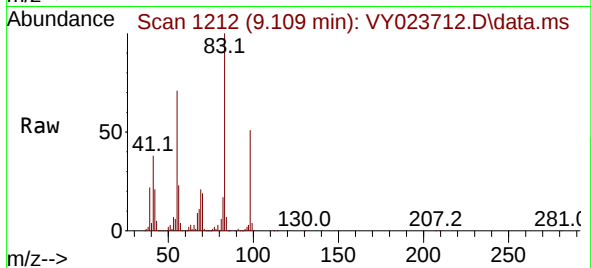
Tgt Ion: 83 Resp: 464282

Ion Ratio Lower Upper

83 100

55 70.6 51.4 77.2

98 50.9 40.4 60.6



#40

Benzene

Concen: 52.579 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023712.D

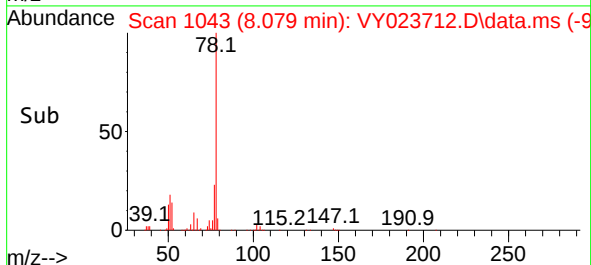
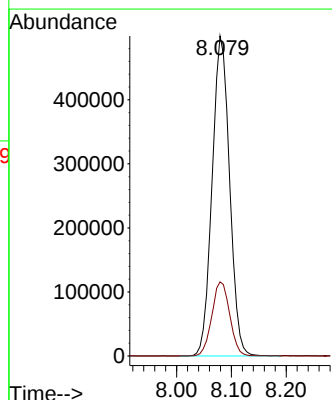
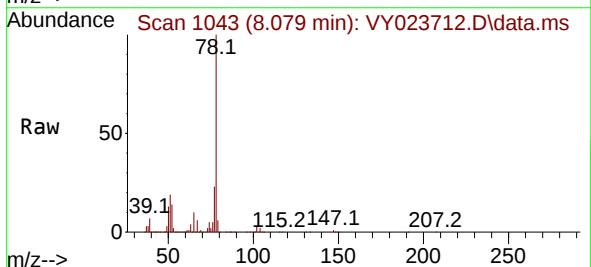
Acq: 10 Nov 2025 10:58

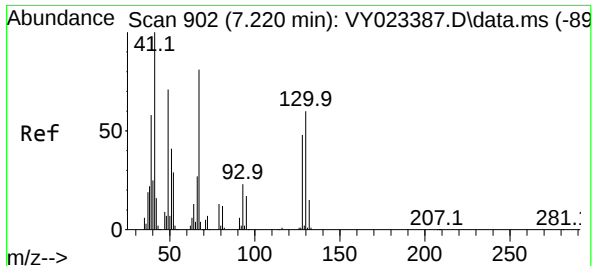
Tgt Ion: 78 Resp: 1102461

Ion Ratio Lower Upper

78 100

77 23.1 18.3 27.5



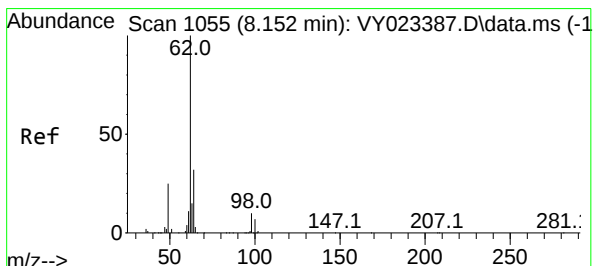
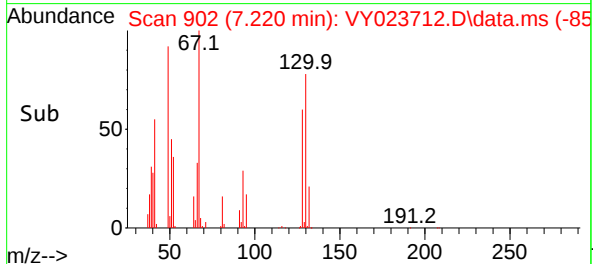
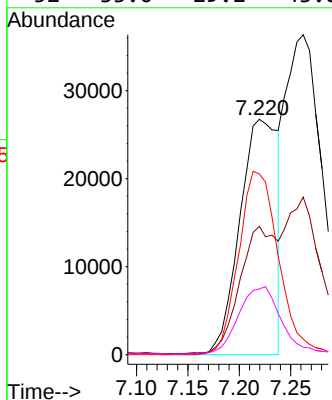
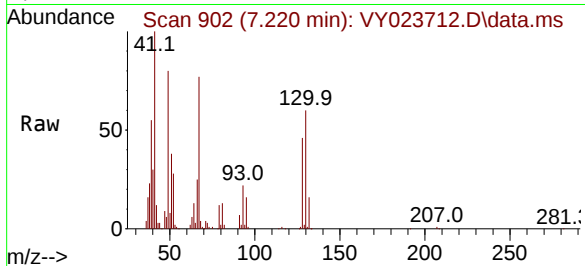


#41
Methacrylonitrile
Concen: 48.644 ug/l
RT: 7.220 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 69008

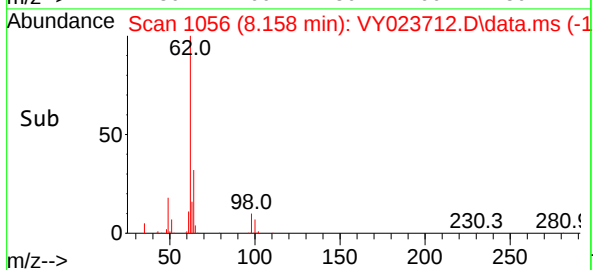
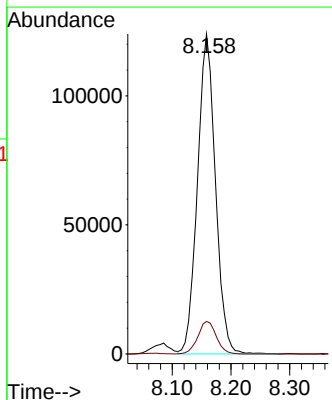
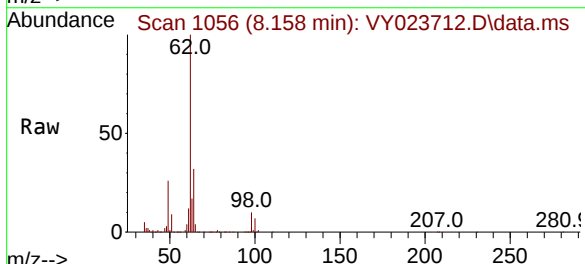
Ion	Ratio	Lower	Upper
41	100		
39	53.0	52.2	78.4
67	82.1	74.9	112.3
52	33.0	29.2	43.8

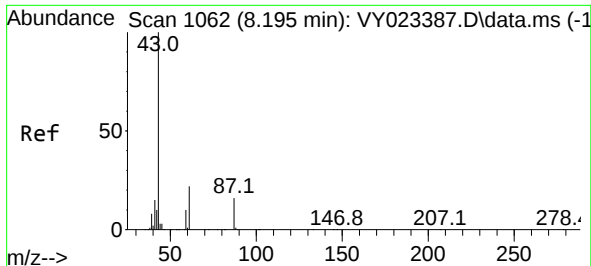


#42
1,2-Dichloroethane
Concen: 48.823 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 62 Resp: 264013

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.6

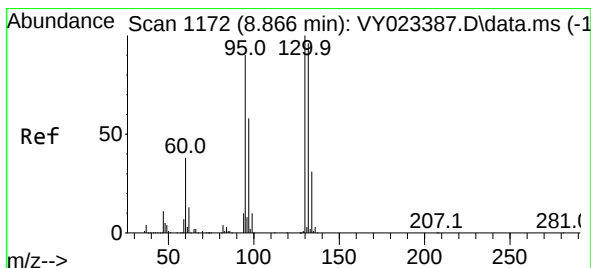
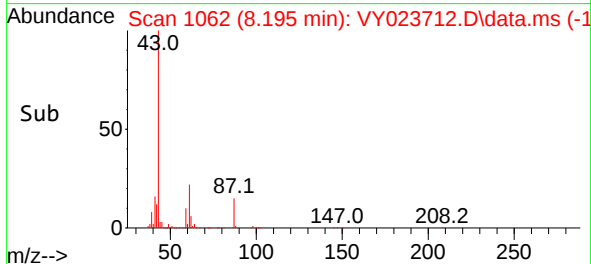
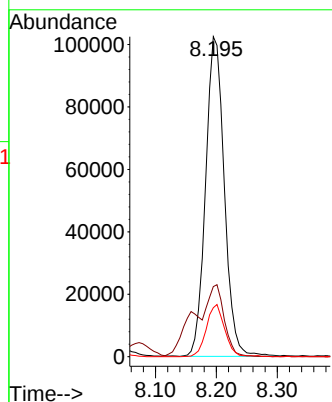
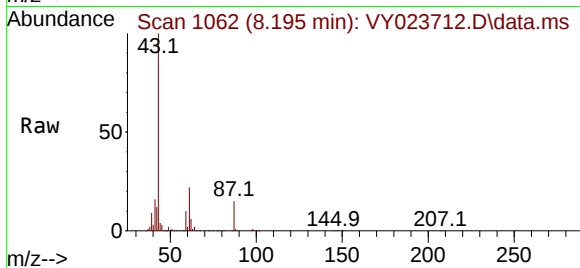




#43
Isopropyl Acetate
Concen: 41.855 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

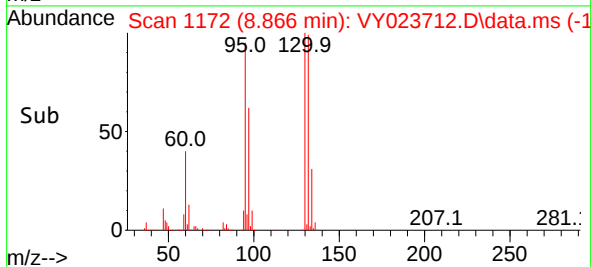
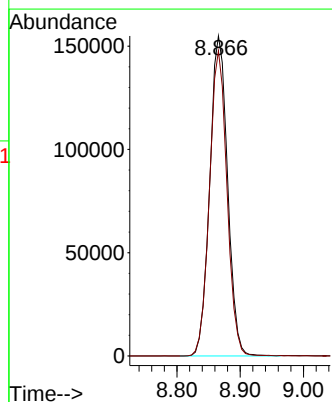
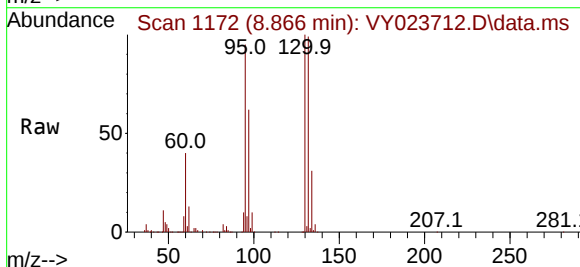
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

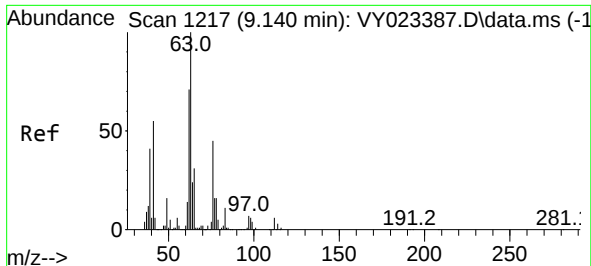
Tgt Ion: 43 Resp: 218913
Ion Ratio Lower Upper
43 100
61 20.8 18.1 27.1
87 16.0 13.5 20.3



#44
Trichloroethene
Concen: 49.568 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion:130 Resp: 304200
Ion Ratio Lower Upper
130 100
95 95.3 0.0 180.6





#45

1,2-Dichloropropane

Concen: 52.179 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

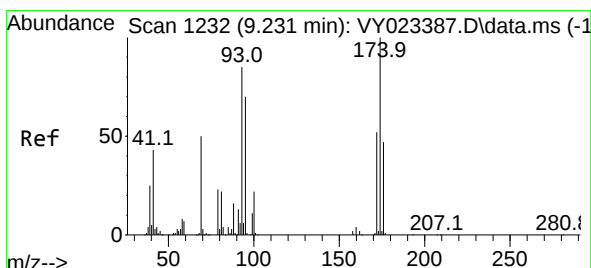
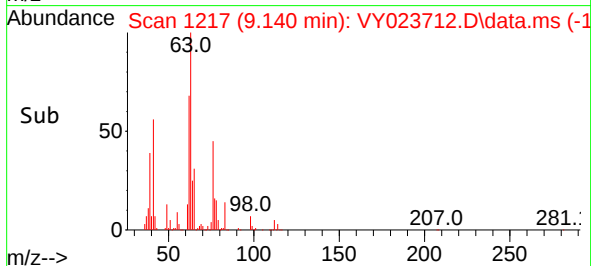
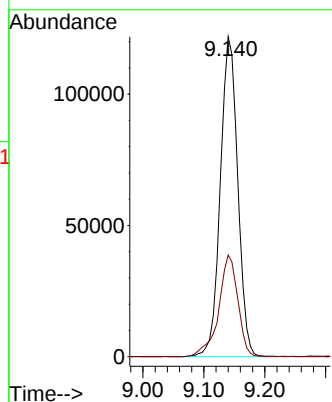
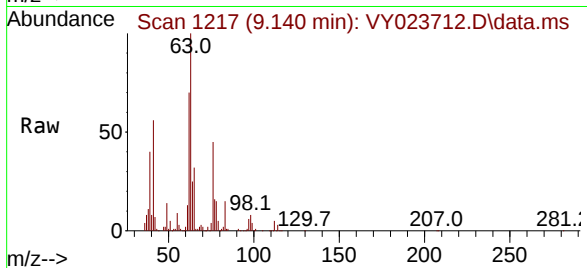
VSTDCCC050

Tgt Ion: 63 Resp: 241653

Ion Ratio Lower Upper

63 100

65 31.7 24.9 37.3



#46

Dibromomethane

Concen: 48.199 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

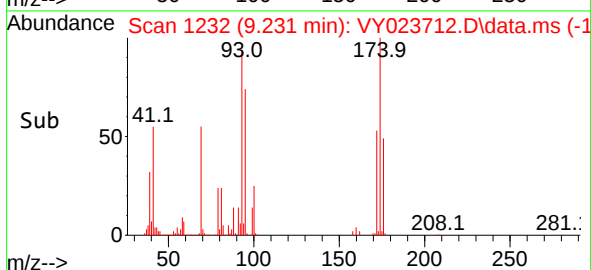
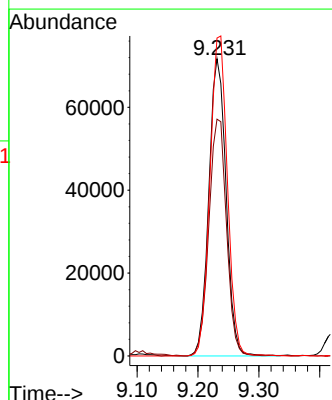
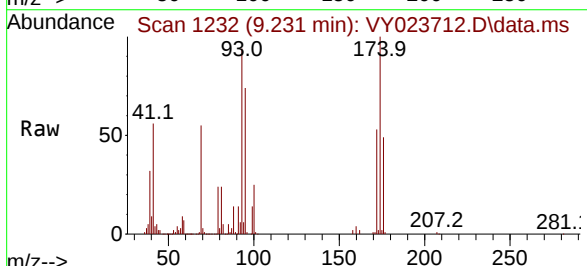
Tgt Ion: 93 Resp: 141151

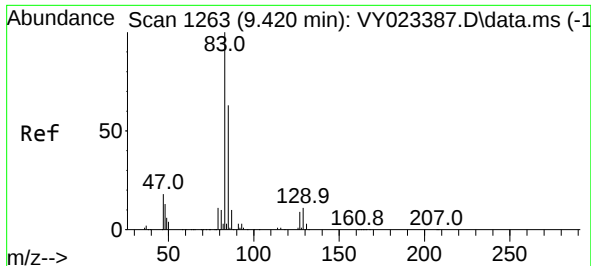
Ion Ratio Lower Upper

93 100

95 81.4 65.4 98.0

174 108.7 92.9 139.3

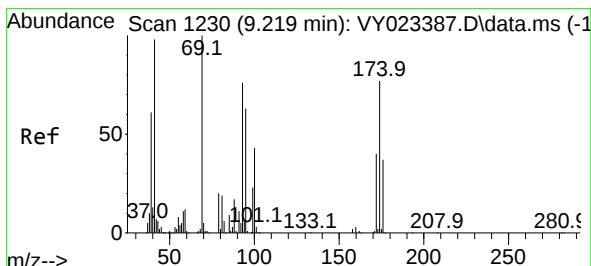
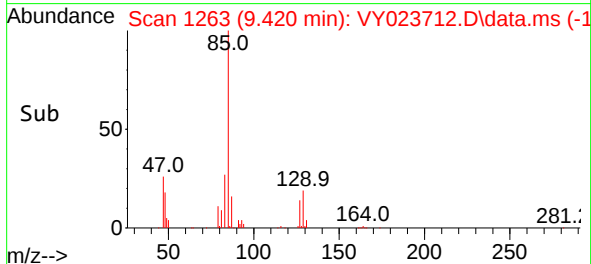
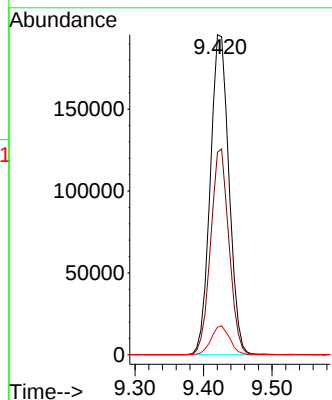
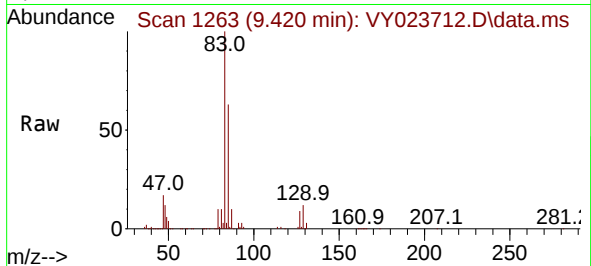




#47
Bromodichloromethane
Concen: 50.355 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

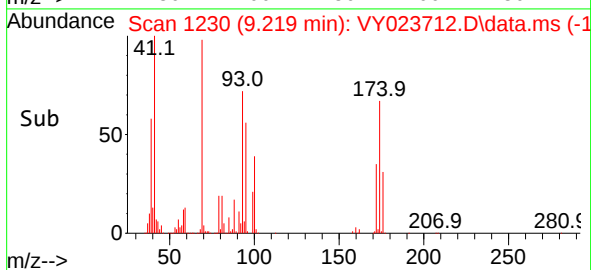
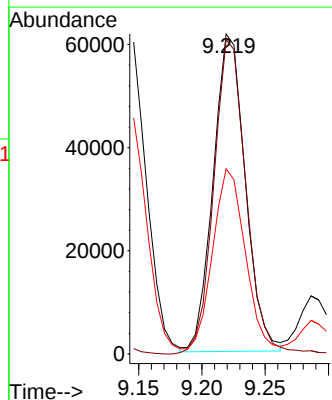
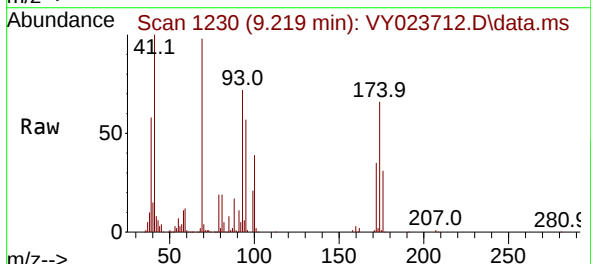
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

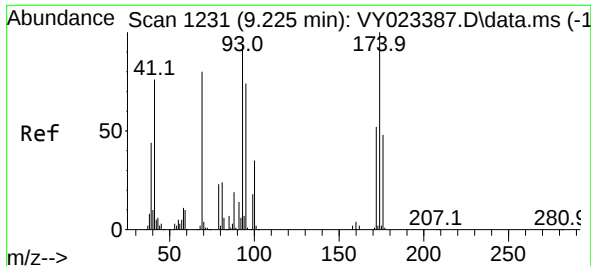
Tgt Ion: 83 Resp: 371398
Ion Ratio Lower Upper
83 100
85 63.2 50.8 76.2
127 8.5 7.4 11.2



#48
Methyl methacrylate
Concen: 44.209 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 41 Resp: 108629
Ion Ratio Lower Upper
41 100
69 99.5 81.0 121.4
39 56.7 48.2 72.4





#49

1,4-Dioxane

Concen: 783.509 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

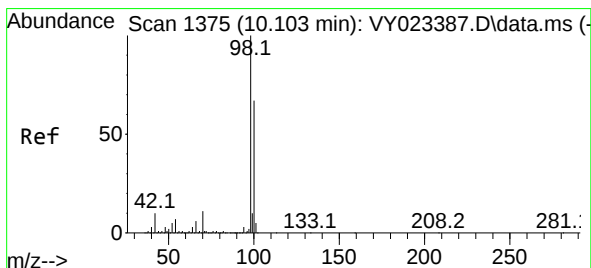
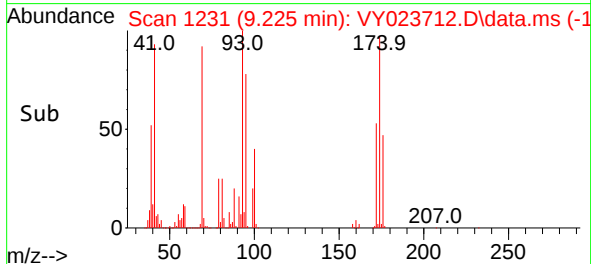
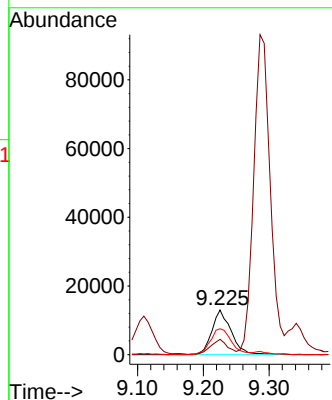
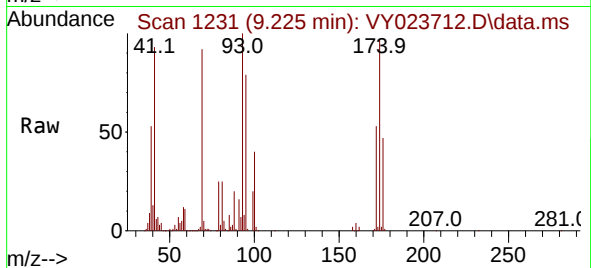
Tgt Ion: 88 Resp: 26603

Ion Ratio Lower Upper

88 100

43 29.4 21.8 32.8

58 63.3 46.8 70.2



#50

Toluene-d8

Concen: 53.415 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023712.D

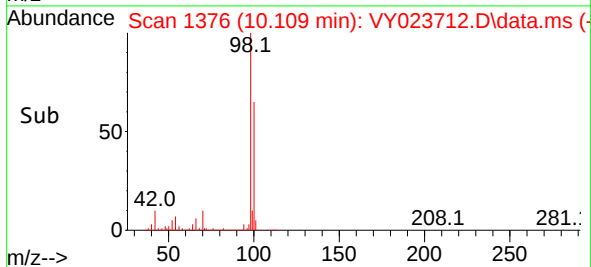
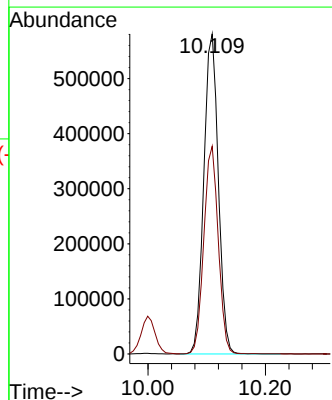
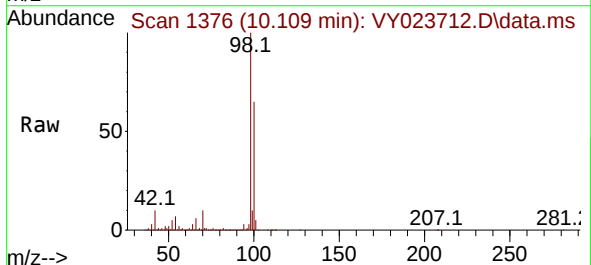
Acq: 10 Nov 2025 10:58

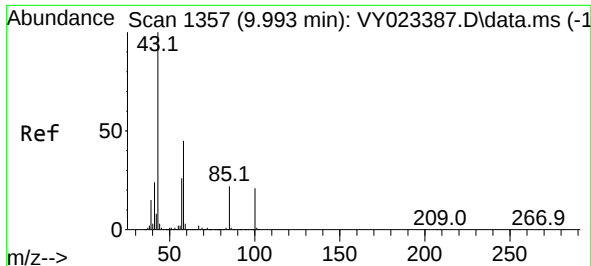
Tgt Ion: 98 Resp: 994827

Ion Ratio Lower Upper

98 100

100 64.5 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 217.668 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

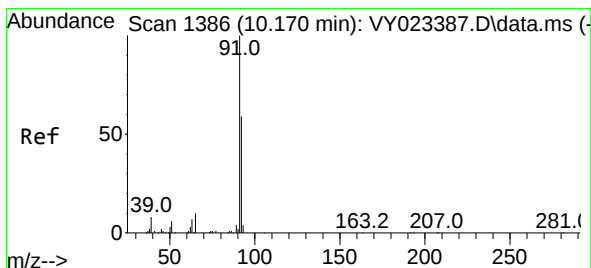
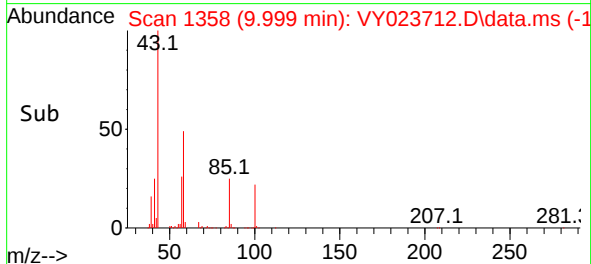
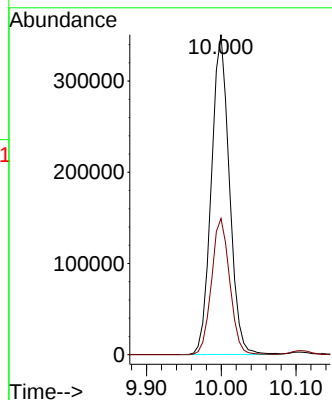
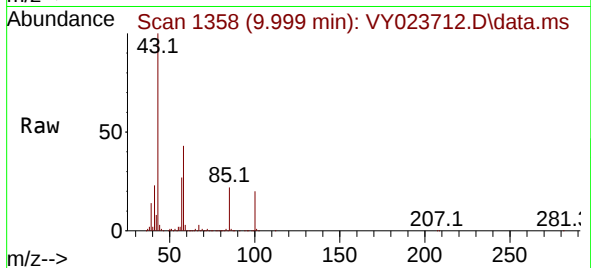
VSTDCCC050

Tgt Ion: 43 Resp: 588211

Ion Ratio Lower Upper

43 100

58 42.9 35.3 52.9



#52

Toluene

Concen: 52.843 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023712.D

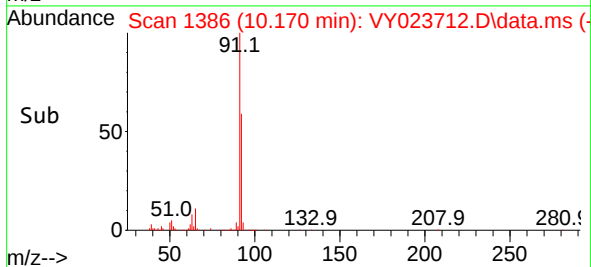
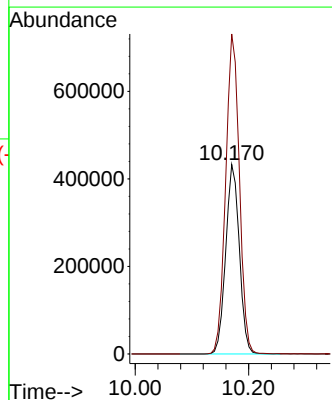
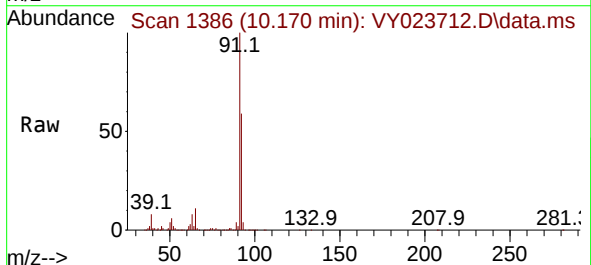
Acq: 10 Nov 2025 10:58

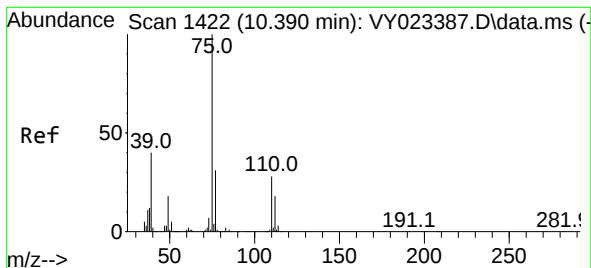
Tgt Ion: 92 Resp: 719409

Ion Ratio Lower Upper

92 100

91 169.6 136.4 204.6

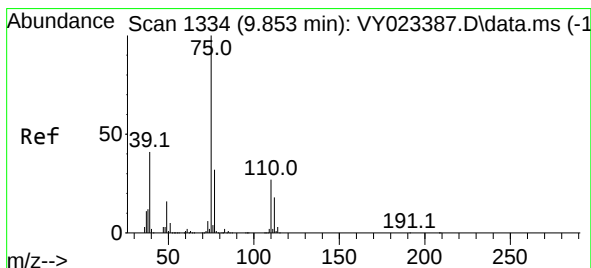
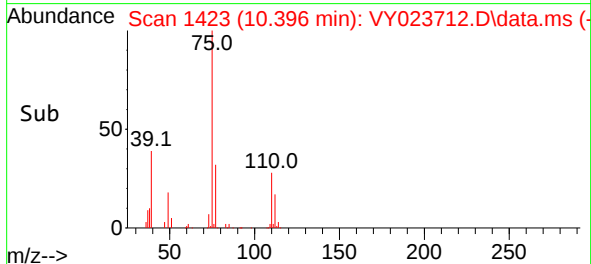
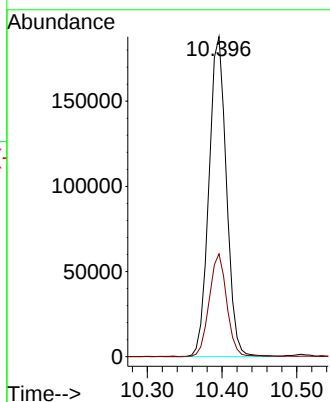
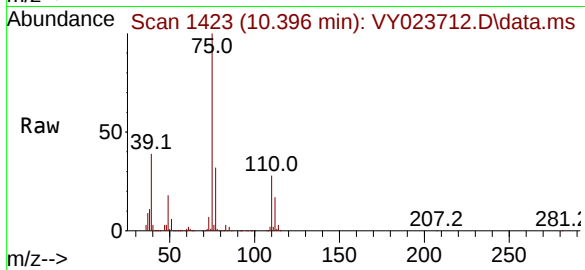




#53
t-1,3-Dichloropropene
Concen: 47.808 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

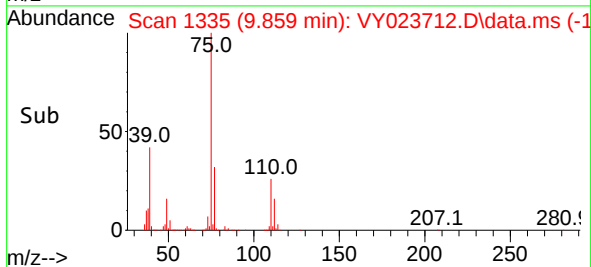
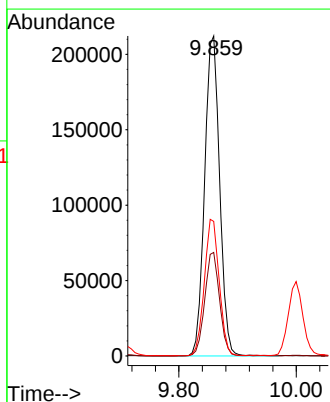
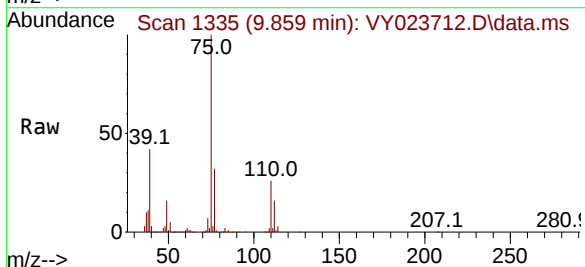
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

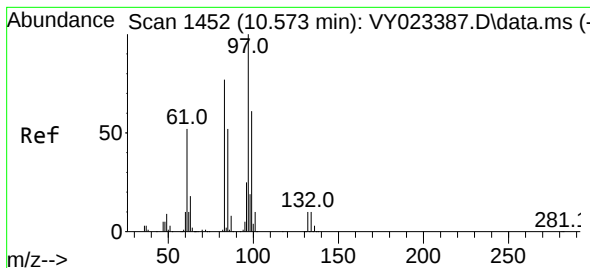
Tgt Ion: 75 Resp: 306600
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 49.762 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 75 Resp: 376646
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
39 42.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 46.874 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 184595

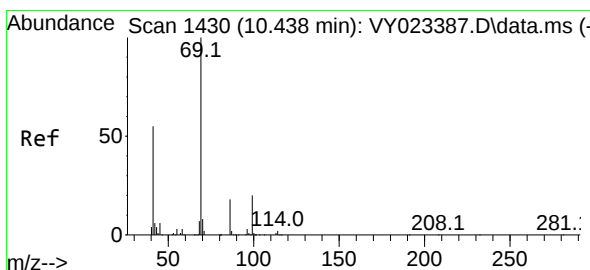
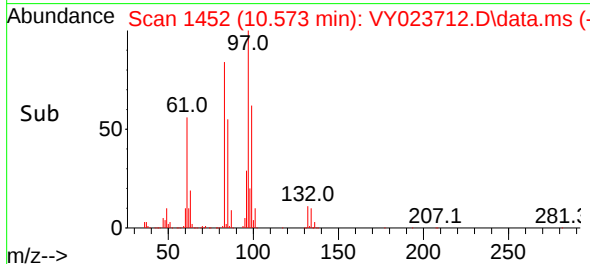
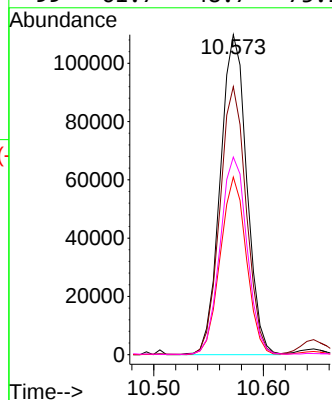
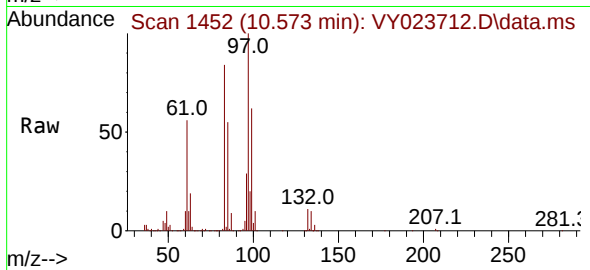
Ion Ratio Lower Upper

97 100

83 83.6 61.8 92.6

85 55.4 41.3 61.9

99 61.7 48.7 73.1



#56

Ethyl methacrylate

Concen: 45.667 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

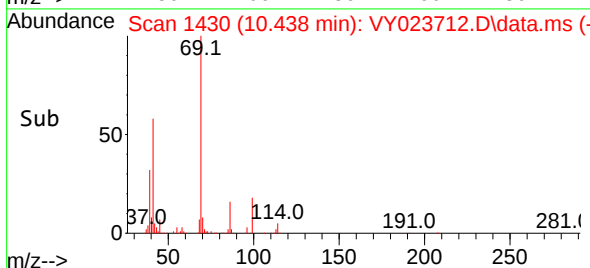
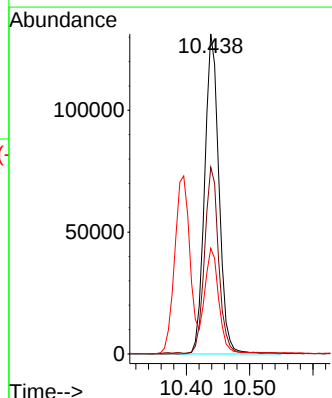
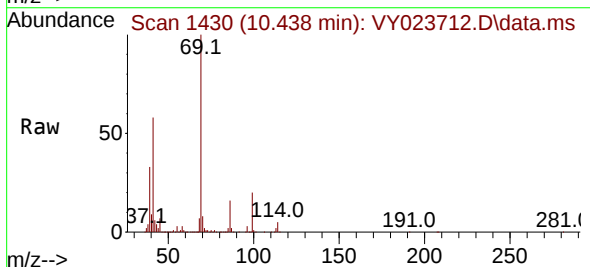
Tgt Ion: 69 Resp: 207447

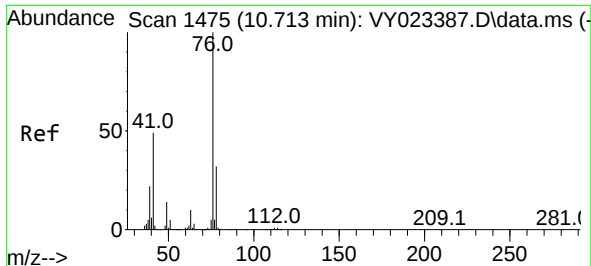
Ion Ratio Lower Upper

69 100

41 56.8 44.6 67.0

39 31.0 27.0 40.4





#57

1,3-Dichloropropane

Concen: 48.173 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

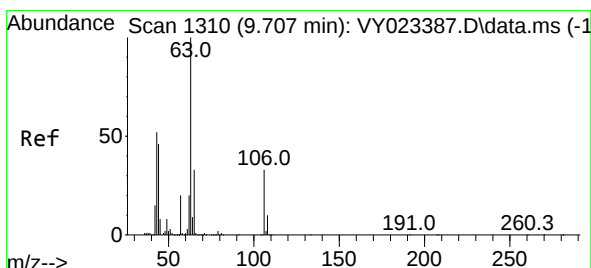
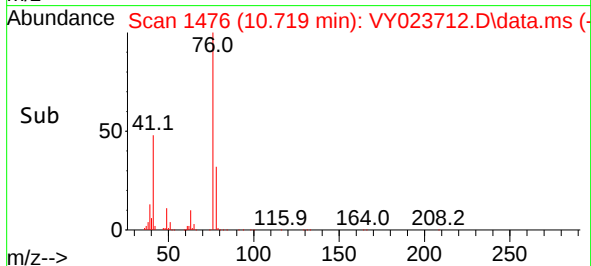
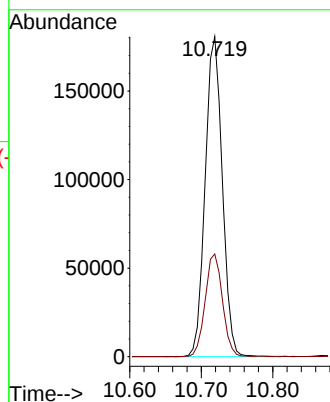
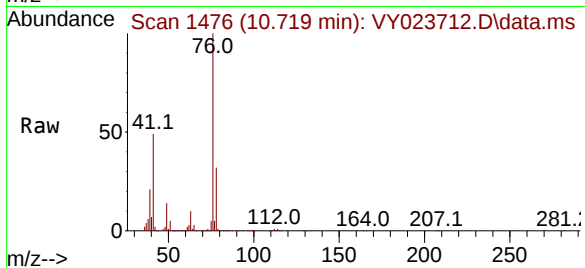
VSTDCCC050

Tgt Ion: 76 Resp: 300617

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 226.065 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023712.D

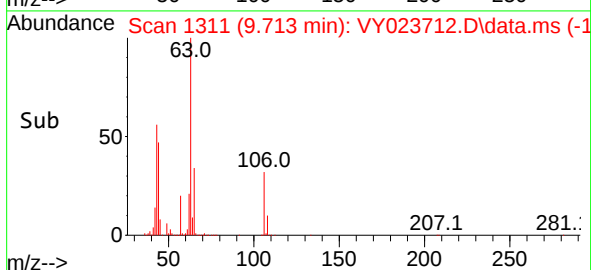
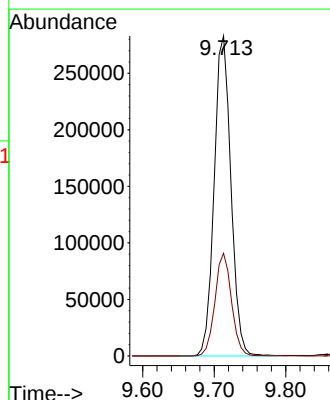
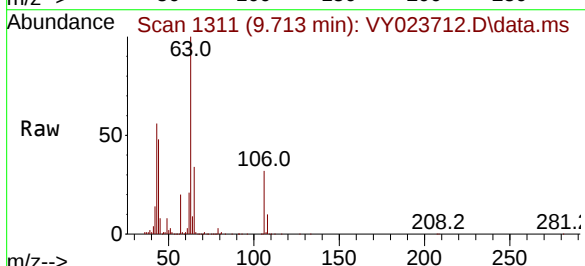
Acq: 10 Nov 2025 10:58

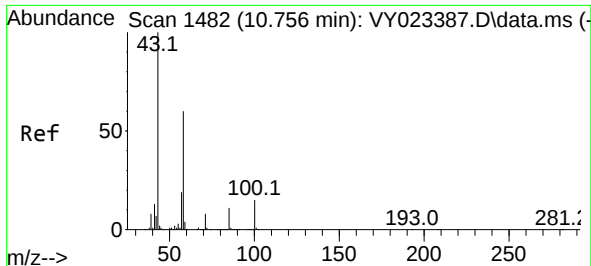
Tgt Ion: 63 Resp: 460038

Ion Ratio Lower Upper

63 100

106 31.7 26.6 39.8

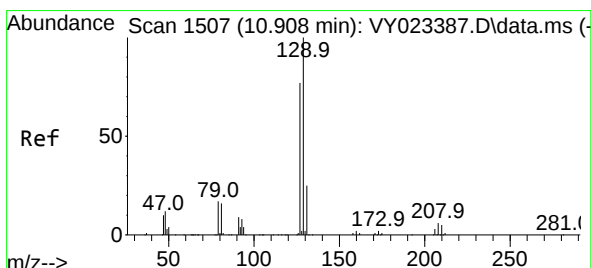
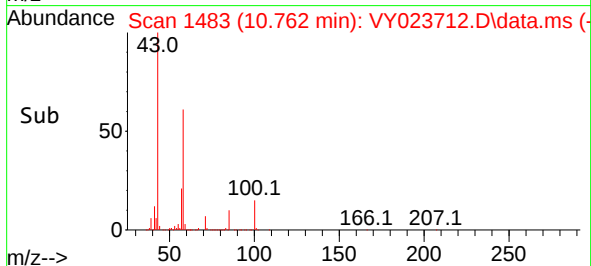
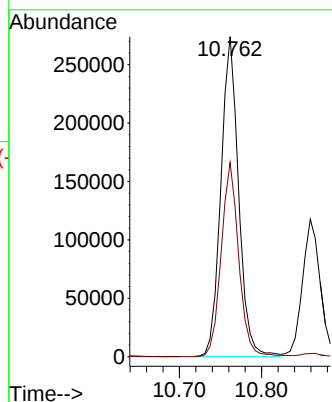
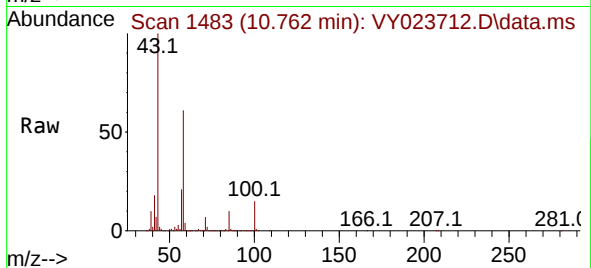




#59
2-Hexanone
Concen: 212.305 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

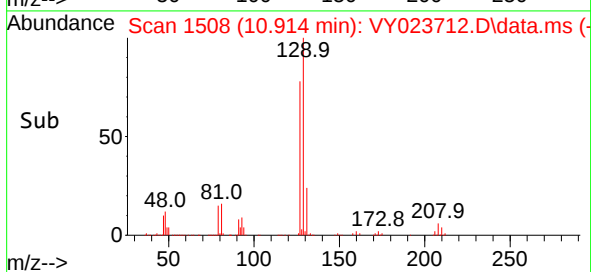
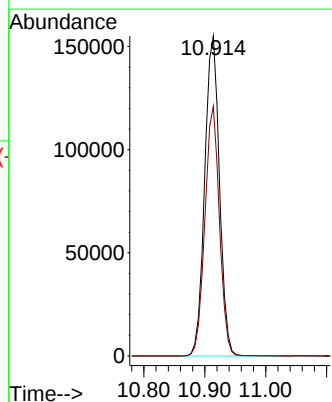
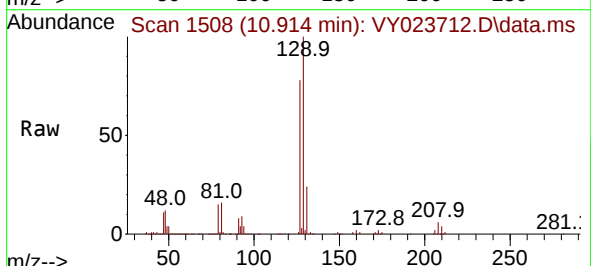
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

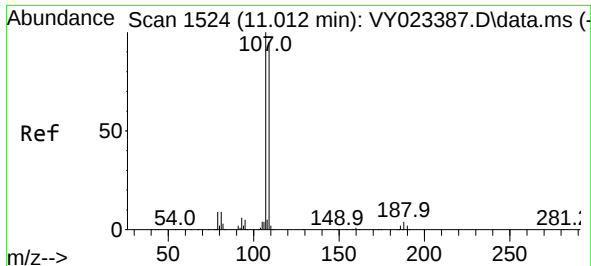
Tgt Ion: 43 Resp: 410004
Ion Ratio Lower Upper
43 100
58 60.2 30.5 91.5



#60
Dibromochloromethane
Concen: 47.231 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 129 Resp: 260773
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7

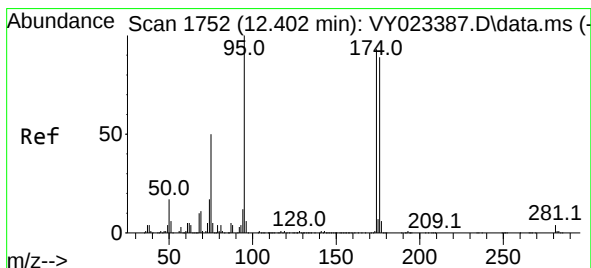
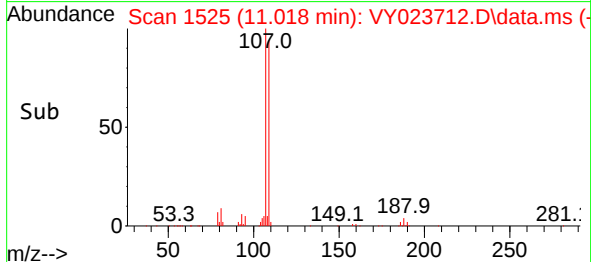
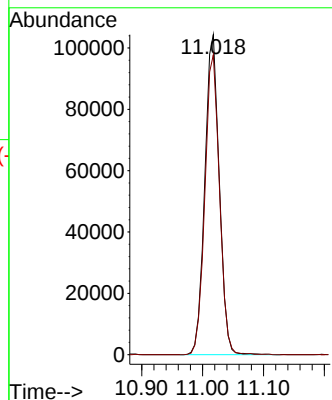
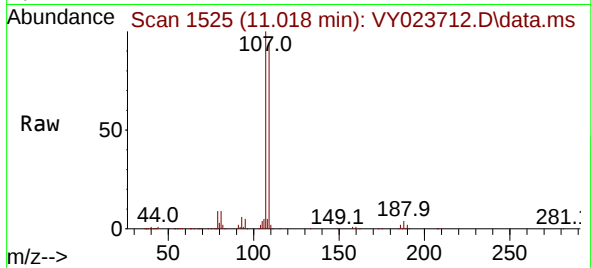




#61
1,2-Dibromoethane
Concen: 45.839 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

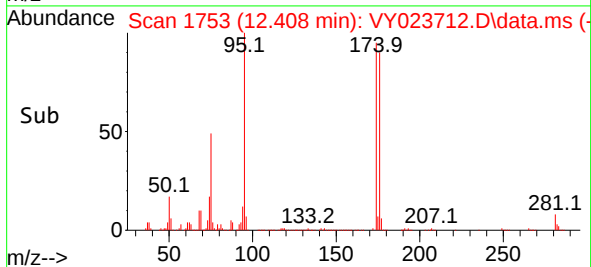
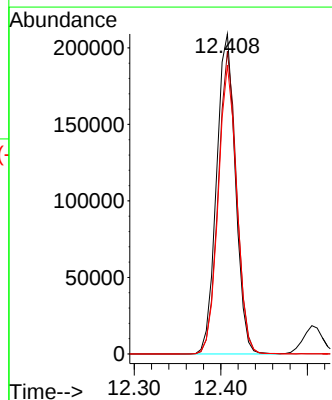
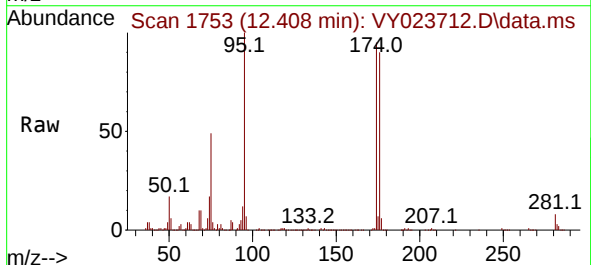
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

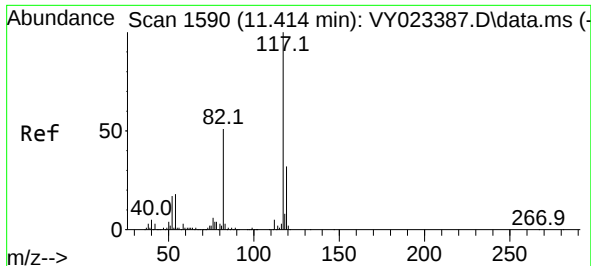
Tgt Ion:107 Resp: 172160
Ion Ratio Lower Upper
107 100
109 94.5 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 51.475 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 95 Resp: 316513
Ion Ratio Lower Upper
95 100
174 92.5 0.0 192.8
176 88.8 0.0 187.6

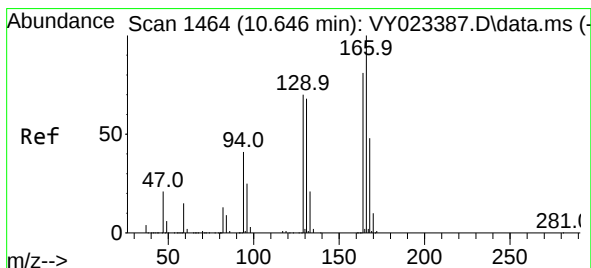
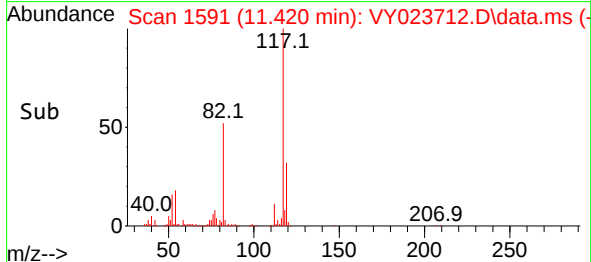
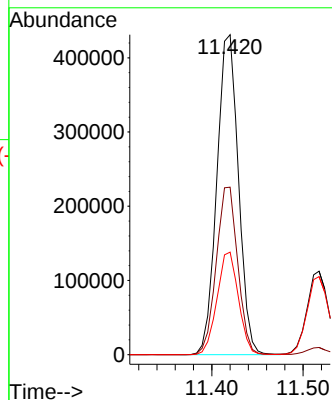
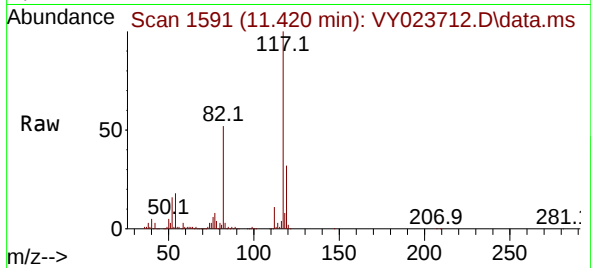




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

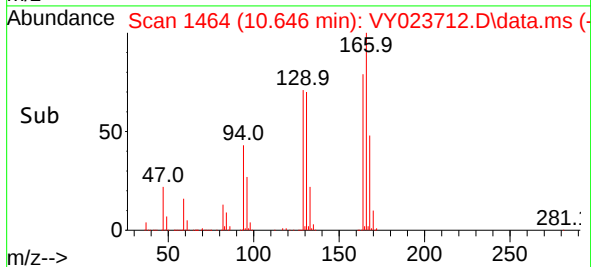
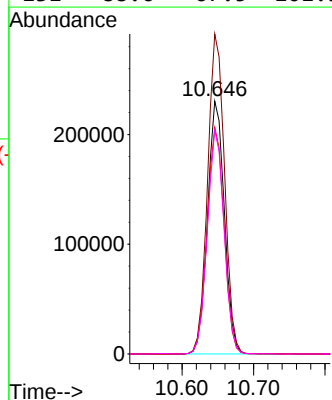
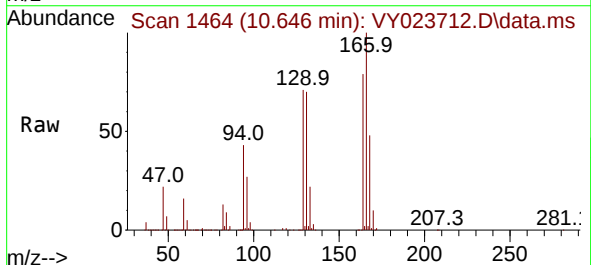
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

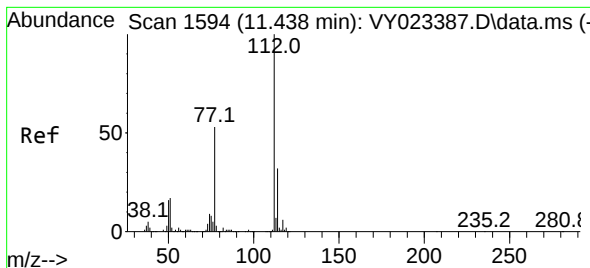
Tgt Ion:117 Resp: 707956
Ion Ratio Lower Upper
117 100
82 52.3 41.0 61.4
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 51.602 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion:164 Resp: 377209
Ion Ratio Lower Upper
164 100
166 126.5 99.4 149.0
129 89.5 69.4 104.2
131 88.6 67.5 101.3





#65

Chlorobenzene

Concen: 50.479 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

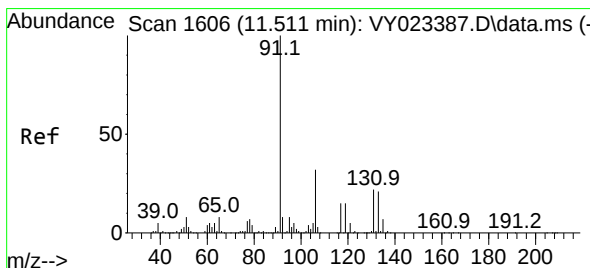
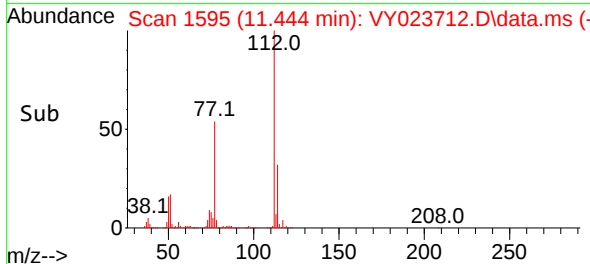
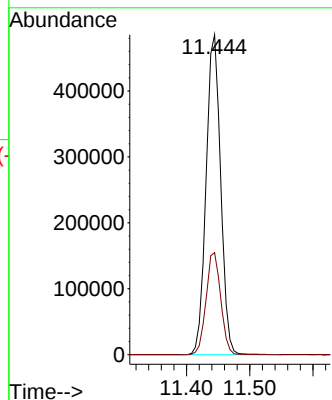
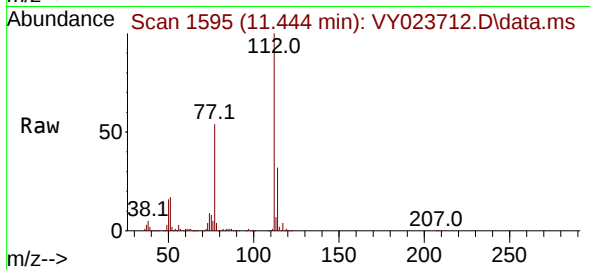
VSTDCCC050

Tgt Ion:112 Resp: 777261

Ion Ratio Lower Upper

112 100

114 31.9 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.523 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

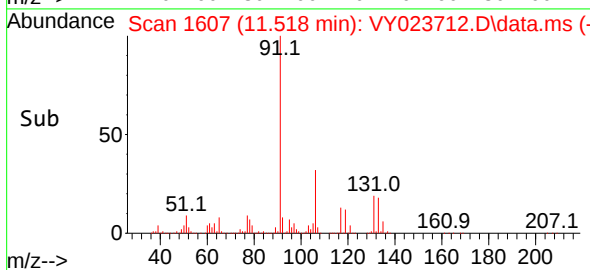
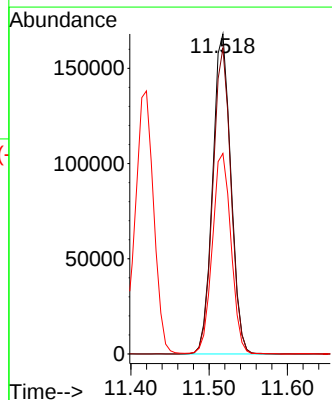
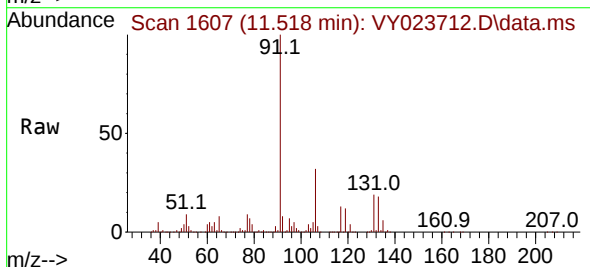
Tgt Ion:131 Resp: 271735

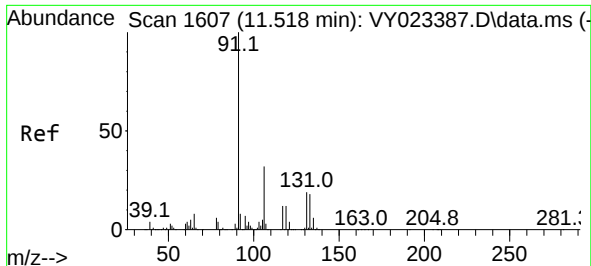
Ion Ratio Lower Upper

131 100

133 94.9 48.4 145.2

119 64.4 32.4 97.2





#67

Ethyl Benzene

Concen: 53.662 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

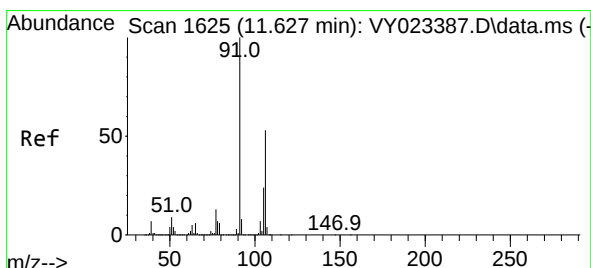
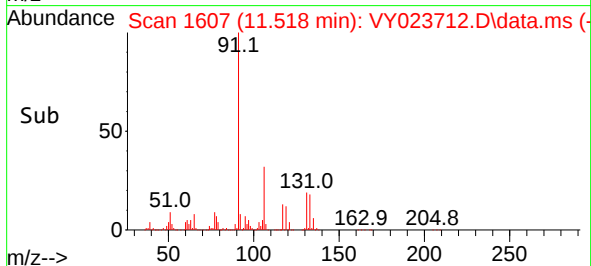
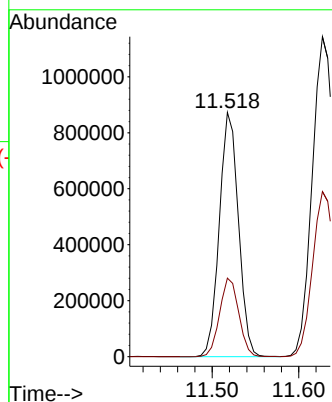
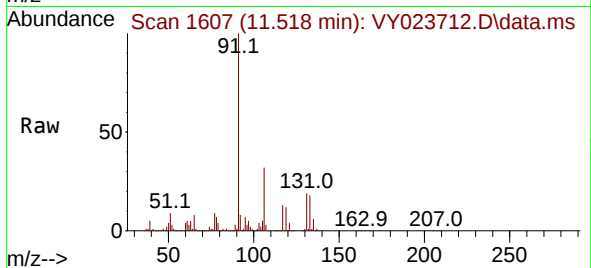
VSTDCCC050

Tgt Ion: 91 Resp: 1337480

Ion Ratio Lower Upper

91 100

106 32.2 25.8 38.8



#68

m/p-Xylenes

Concen: 106.916 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023712.D

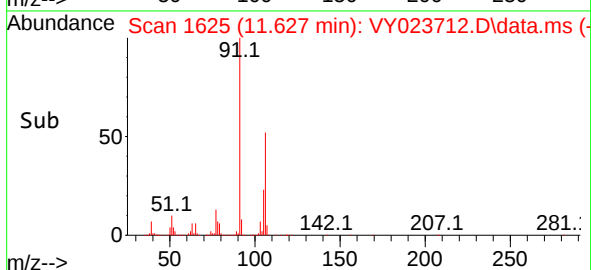
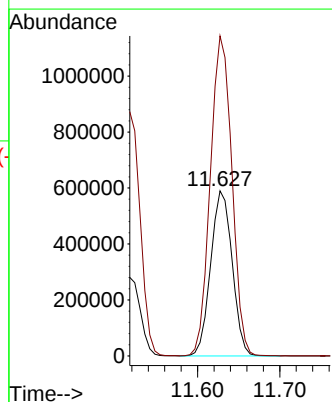
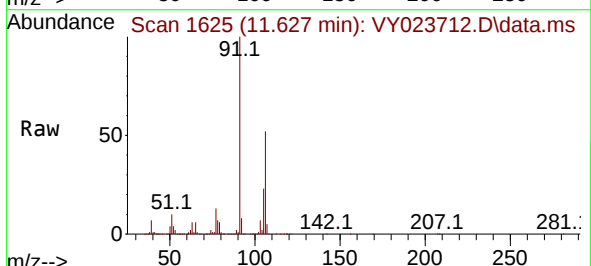
Acq: 10 Nov 2025 10:58

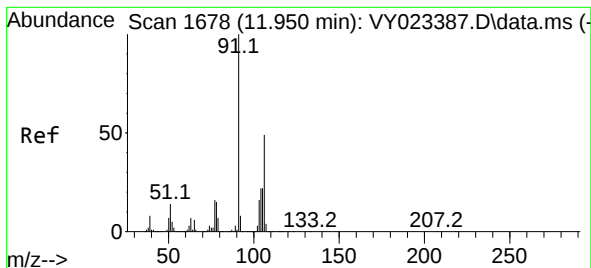
Tgt Ion:106 Resp: 1068845

Ion Ratio Lower Upper

106 100

91 195.3 152.6 229.0

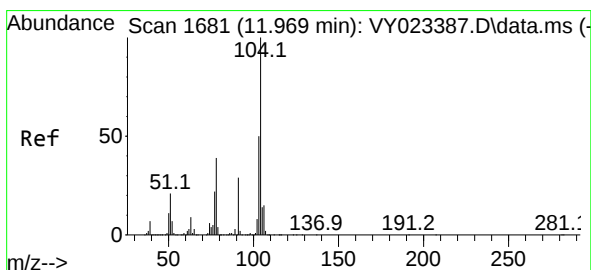
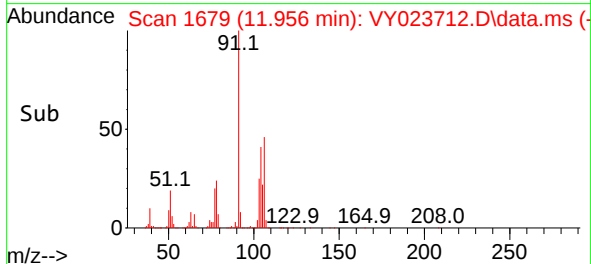
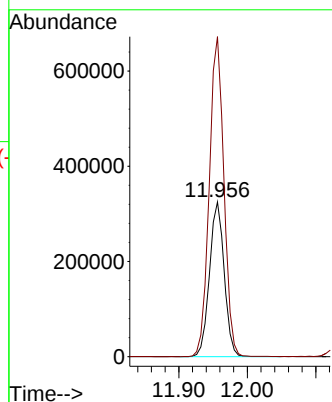
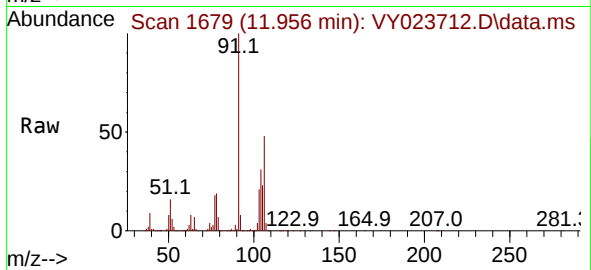




#69
o-Xylene
Concen: 51.716 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

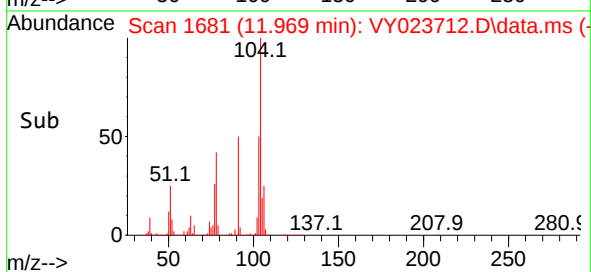
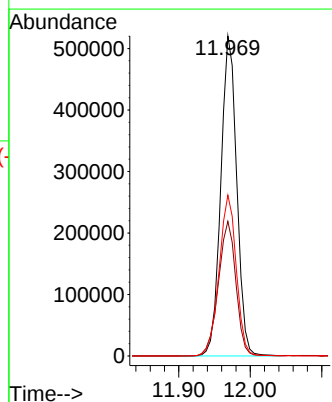
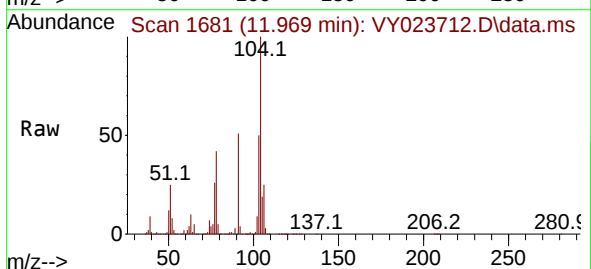
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

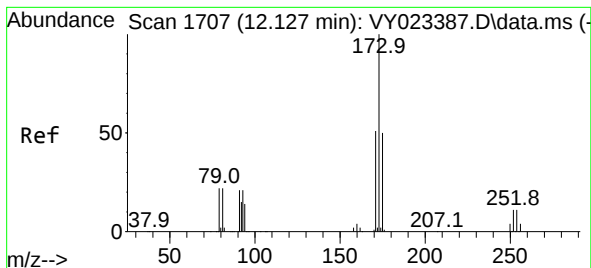
Tgt Ion:106 Resp: 484934
Ion Ratio Lower Upper
106 100
91 206.4 101.4 304.1



#70
Styrene
Concen: 52.302 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion:104 Resp: 806496
Ion Ratio Lower Upper
104 100
78 46.3 36.1 54.1
103 54.1 43.2 64.8





#71

Bromoform

Concen: 43.671 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

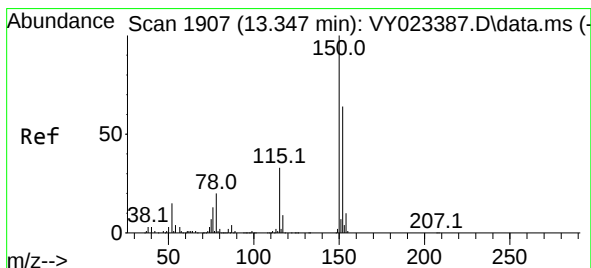
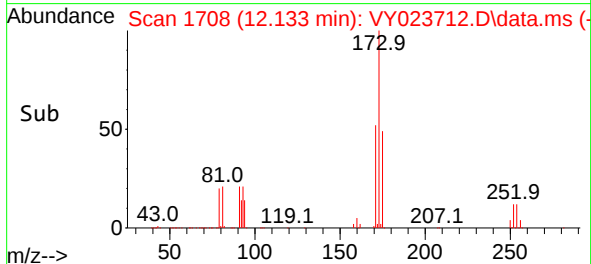
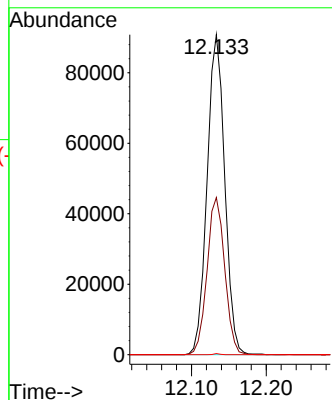
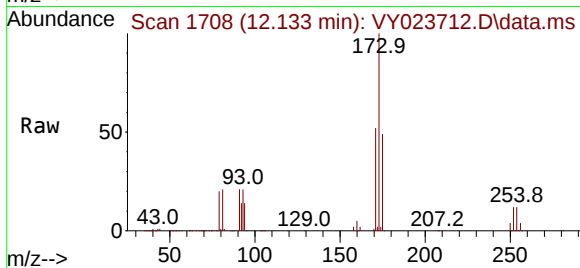
Tgt Ion:173 Resp: 148639

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

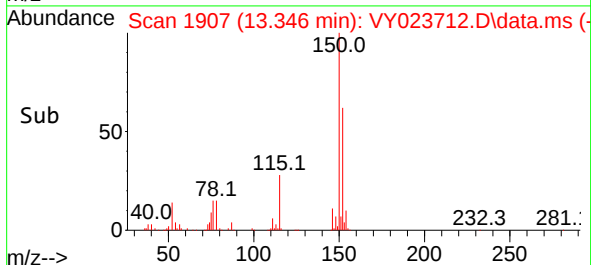
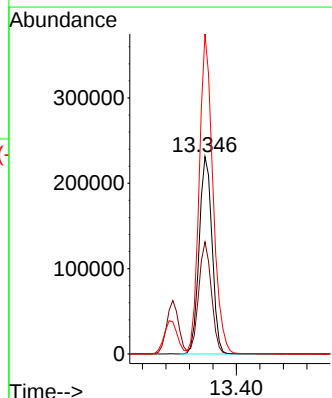
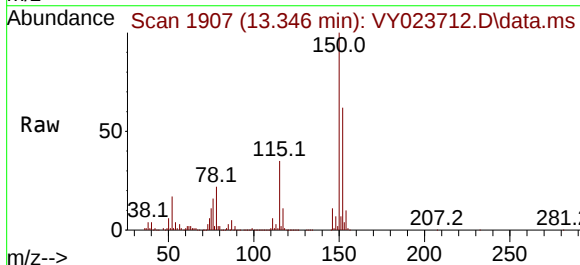
Tgt Ion:152 Resp: 352356

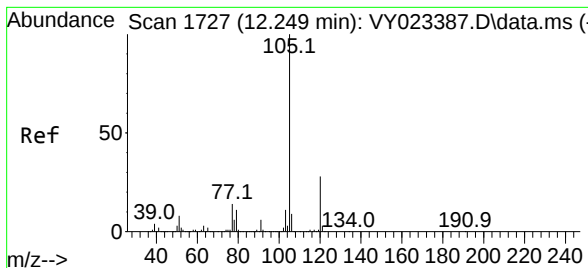
Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.2

150 171.7 0.0 347.4





#73

Isopropylbenzene

Concen: 55.367 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

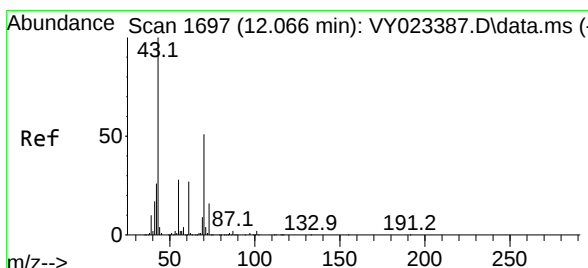
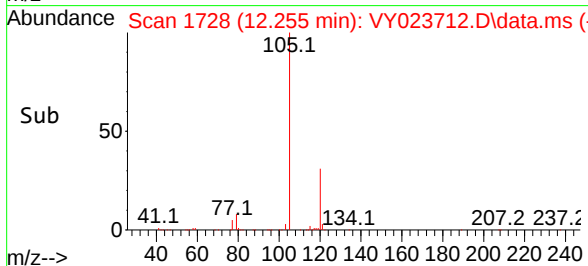
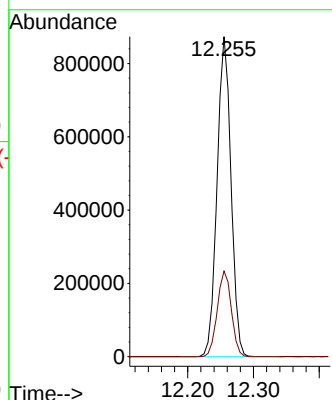
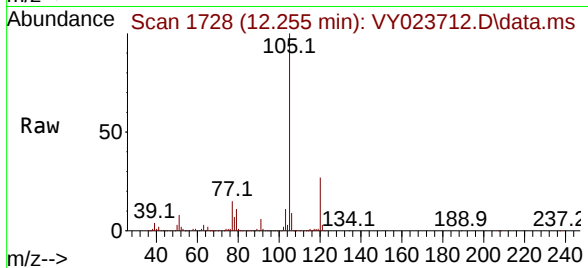
VSTDCCC050

Tgt Ion:105 Resp: 1285650

Ion Ratio Lower Upper

105 100

120 27.0 13.9 41.7



#74

N-ethyl acetate

Concen: 43.993 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Tgt Ion: 43 Resp: 183487

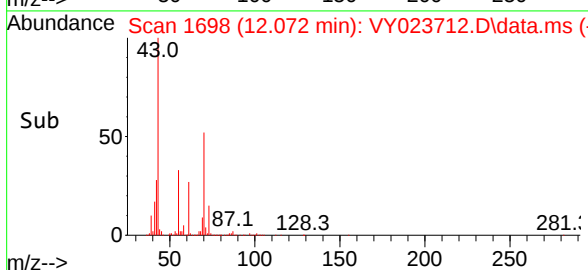
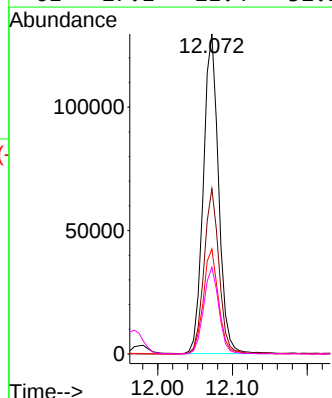
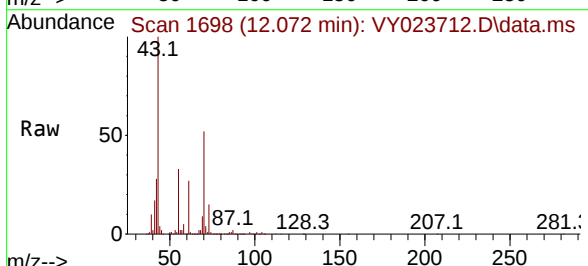
Ion Ratio Lower Upper

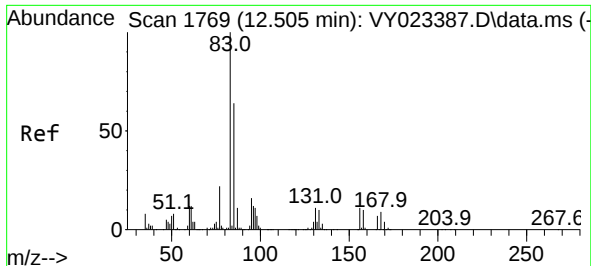
43 100

70 50.8 41.1 61.7

55 33.1 23.0 34.6

61 27.1 21.4 32.2

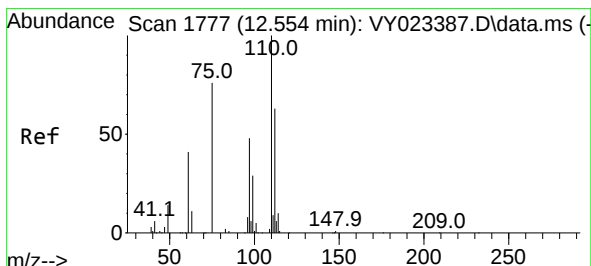
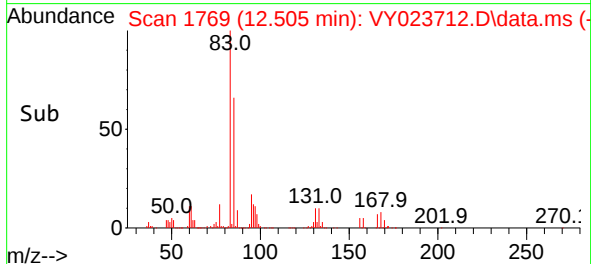
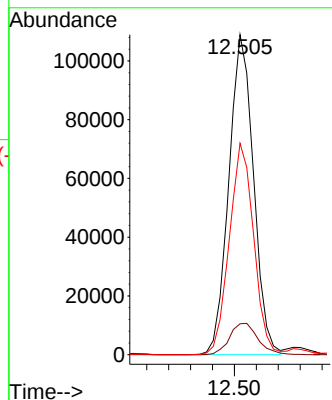
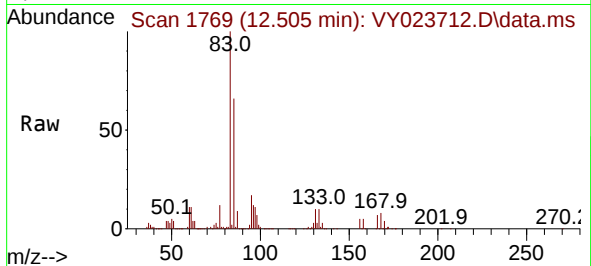




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.766 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023712.D
 Acq: 10 Nov 2025 10:58

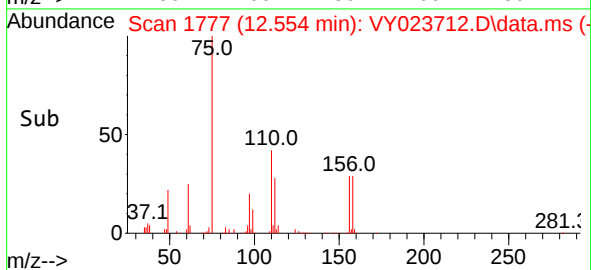
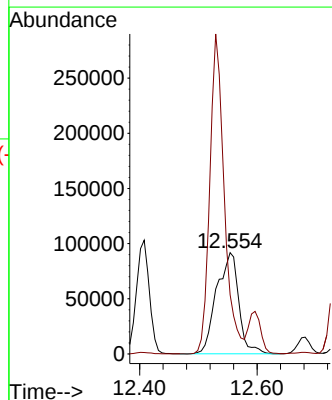
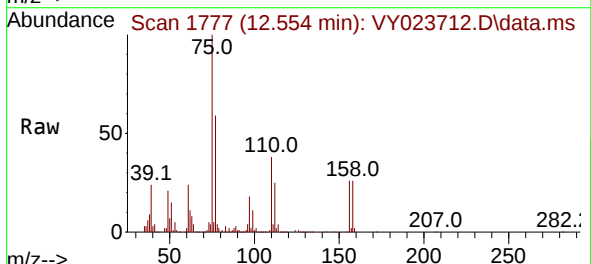
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

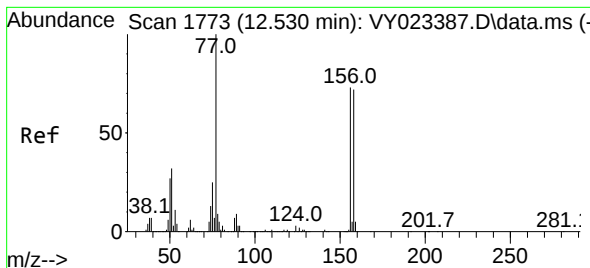
Tgt Ion: 83 Resp: 170015
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.9 17.6
 85 65.2 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 77.274 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023712.D
 Acq: 10 Nov 2025 10:58

Tgt Ion: 75 Resp: 240224
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.729 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

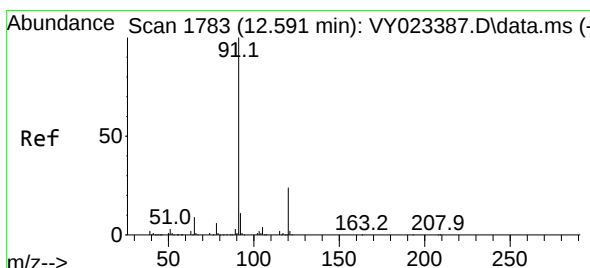
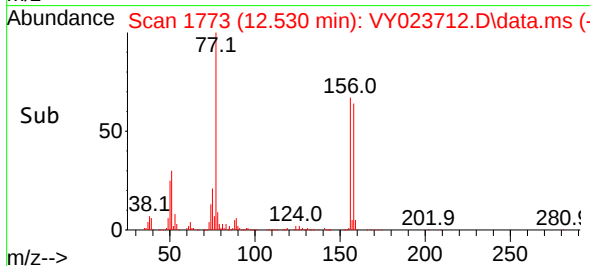
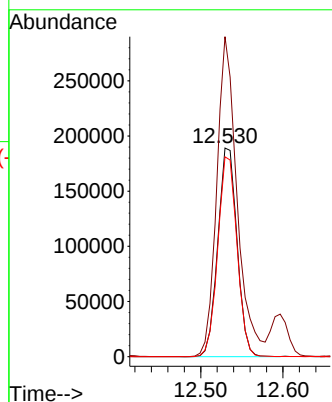
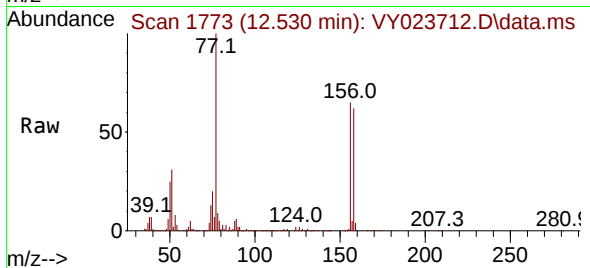
Tgt Ion:156 Resp: 306991

Ion Ratio Lower Upper

156 100

77 162.4 76.8 230.5

158 96.1 49.0 147.2



#78

n-propylbenzene

Concen: 56.448 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023712.D

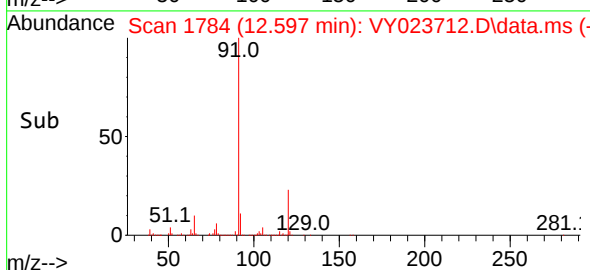
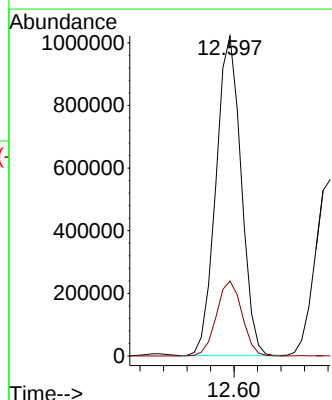
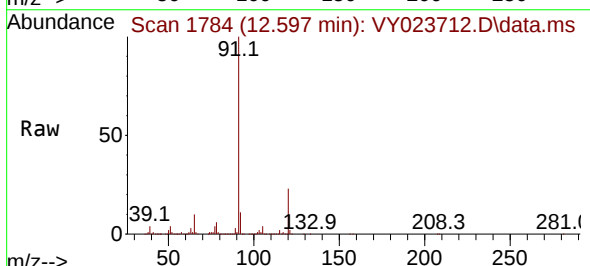
Acq: 10 Nov 2025 10:58

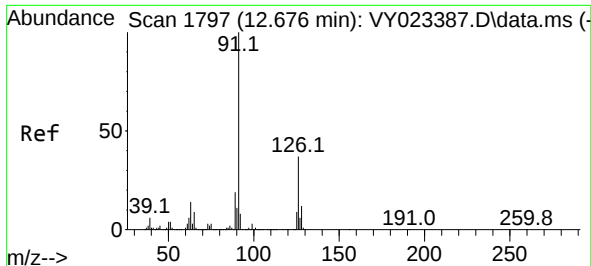
Tgt Ion: 91 Resp: 1516835

Ion Ratio Lower Upper

91 100

120 23.8 12.3 36.8

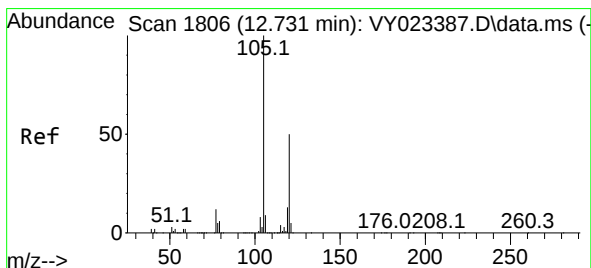
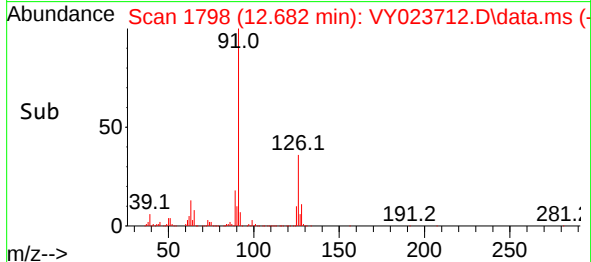
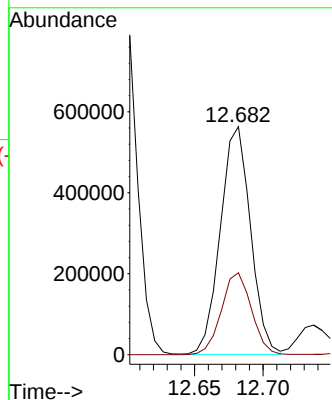
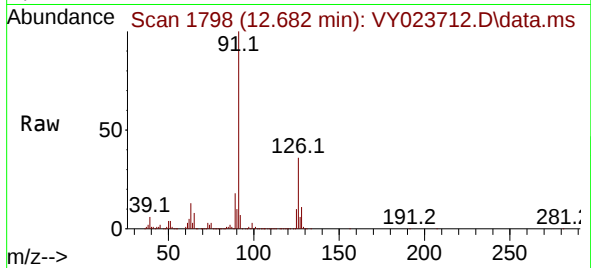




#79
2-Chlorotoluene
Concen: 54.779 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

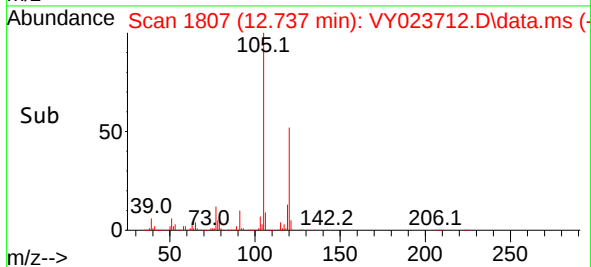
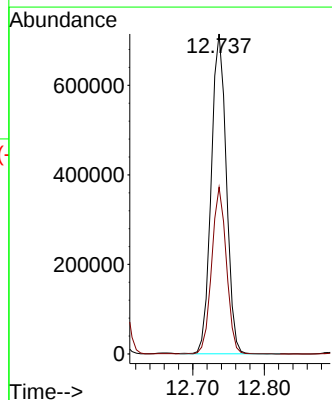
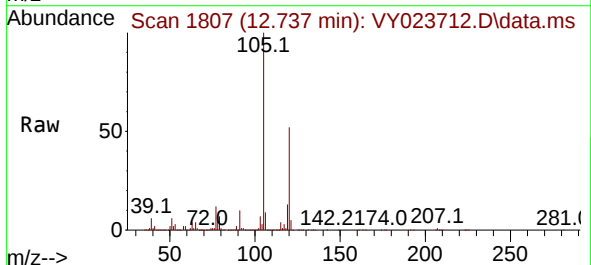
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

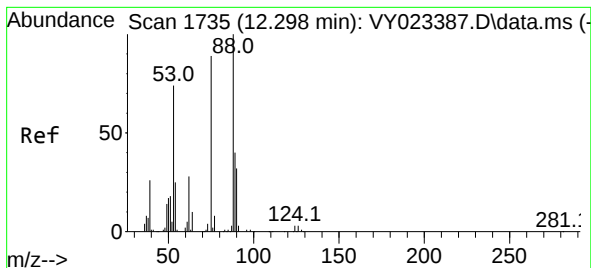
Tgt Ion: 91 Resp: 861980
Ion Ratio Lower Upper
91 100
126 35.8 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 55.843 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 105 Resp: 1047849
Ion Ratio Lower Upper
105 100
120 50.6 25.4 76.4

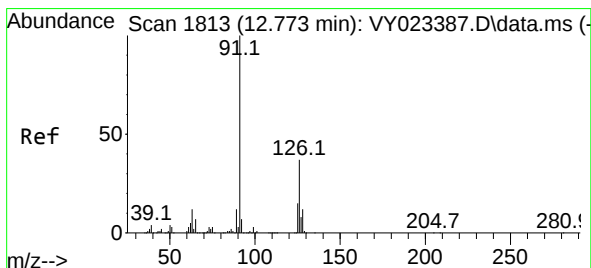
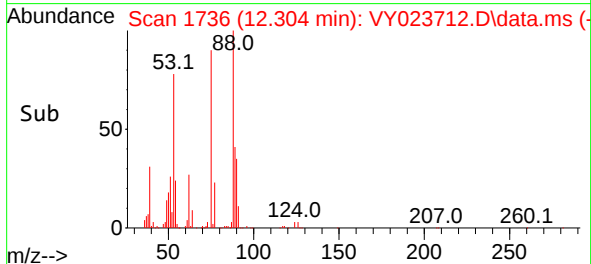
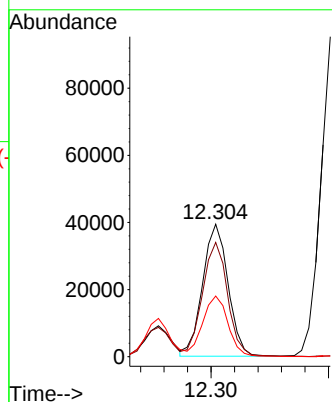
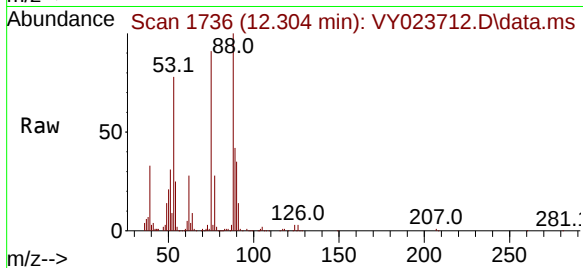




#81
trans-1,4-Dichloro-2-butene
Concen: 46.644 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

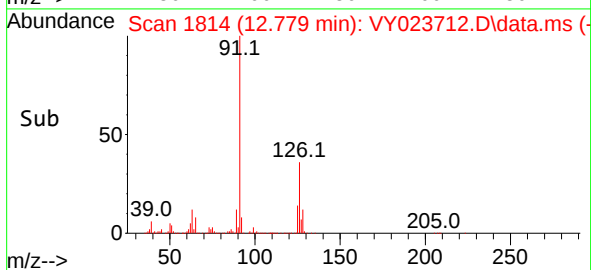
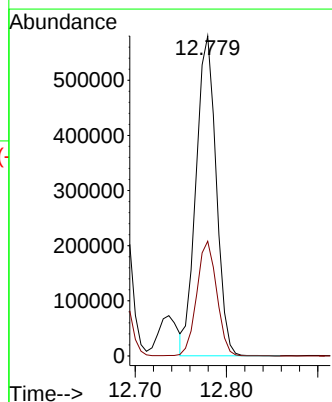
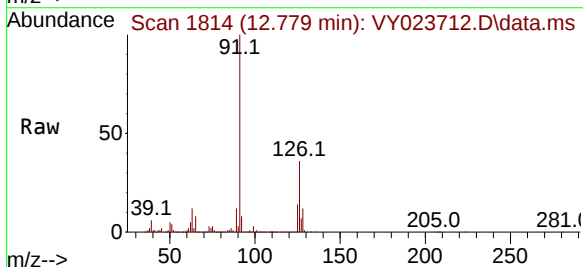
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

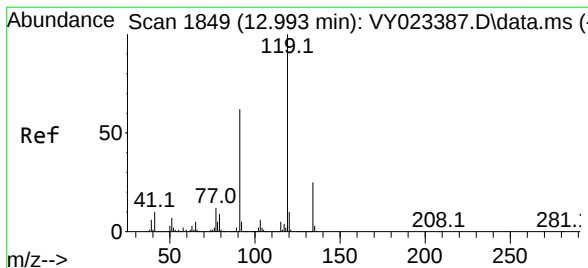
Tgt Ion: 75 Resp: 59132
Ion Ratio Lower Upper
75 100
53 86.4 68.6 102.8
89 45.9 39.0 58.4



#82
4-Chlorotoluene
Concen: 54.697 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion: 91 Resp: 886403
Ion Ratio Lower Upper
91 100
126 35.7 18.4 55.4

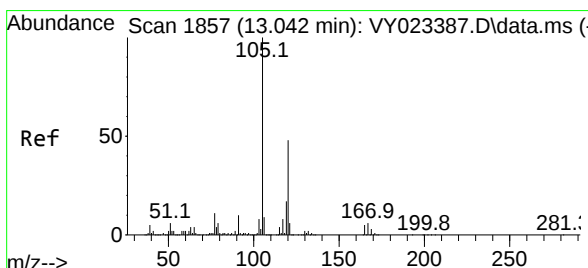
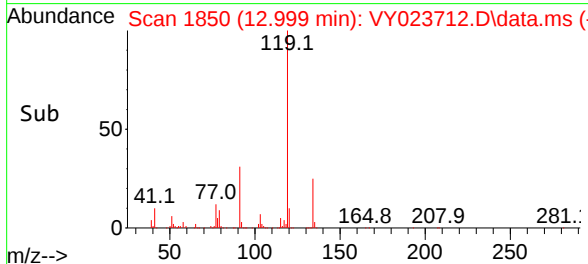
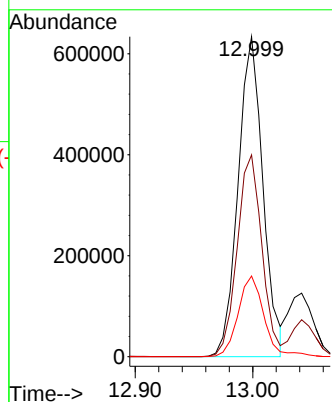
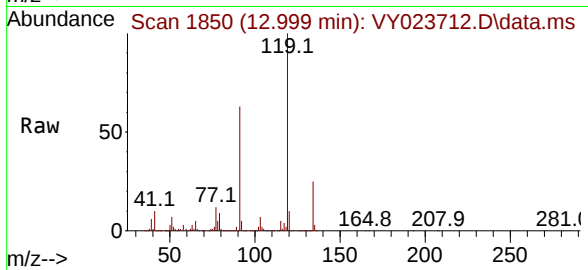




#83
tert-Butylbenzene
Concen: 53.802 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

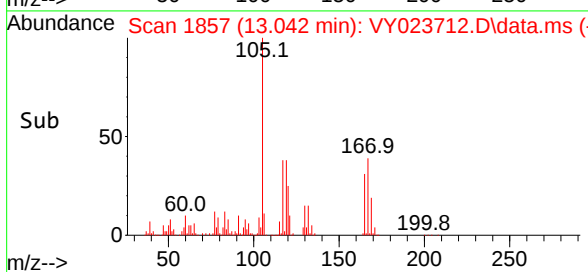
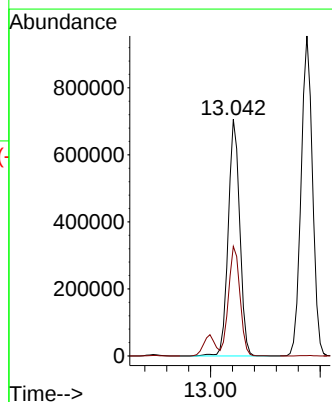
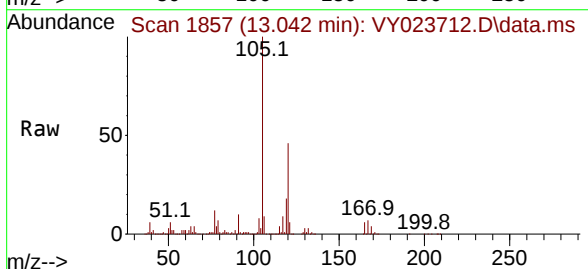
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

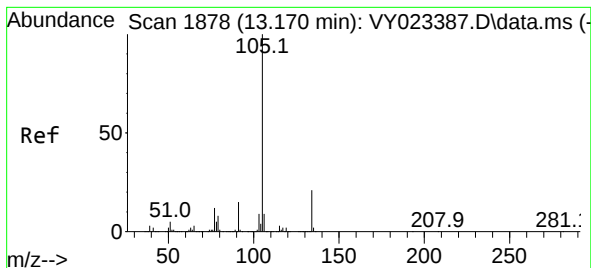
Tgt Ion:119 Resp: 932122
Ion Ratio Lower Upper
119 100
91 62.6 29.9 89.8
134 26.3 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 55.191 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023712.D
Acq: 10 Nov 2025 10:58

Tgt Ion:105 Resp: 1033520
Ion Ratio Lower Upper
105 100
120 46.1 23.8 71.2





#85

sec-Butylbenzene

Concen: 55.235 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

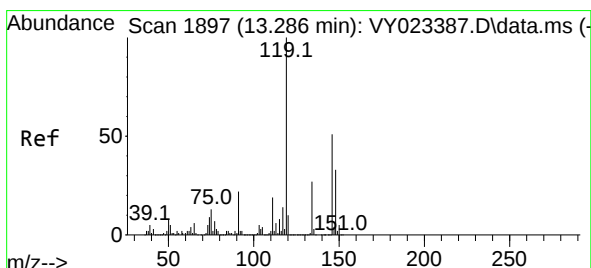
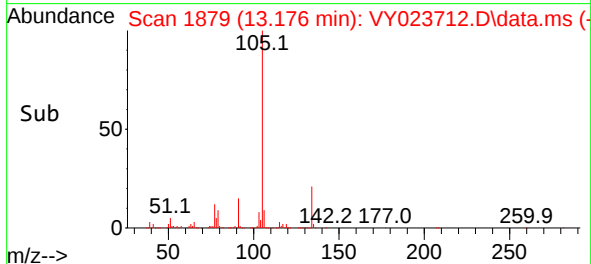
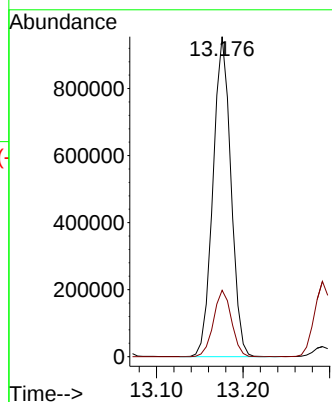
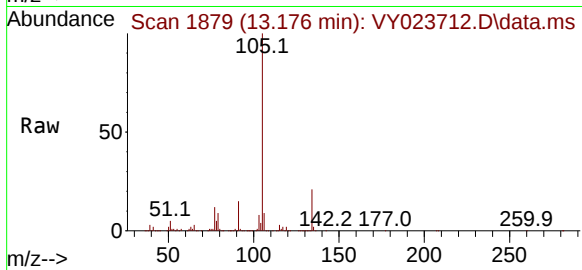
VSTDCCC050

Tgt Ion:105 Resp: 1372736

Ion Ratio Lower Upper

105 100

134 20.8 10.7 32.1



#86

p-Isopropyltoluene

Concen: 54.375 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

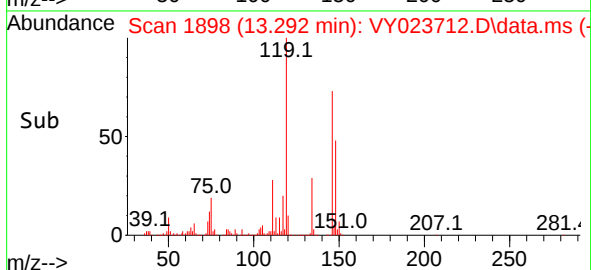
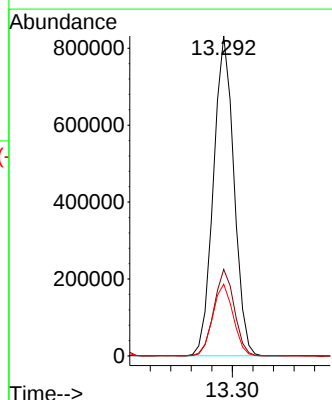
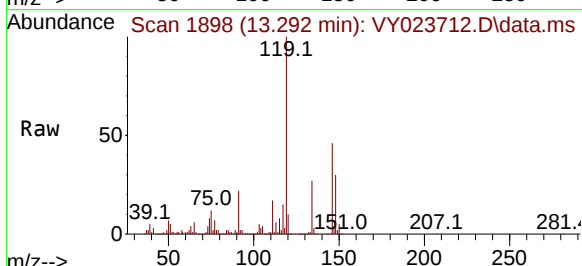
Tgt Ion:119 Resp: 1150579

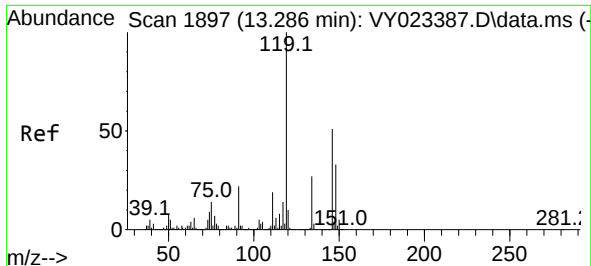
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.4 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 50.440 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

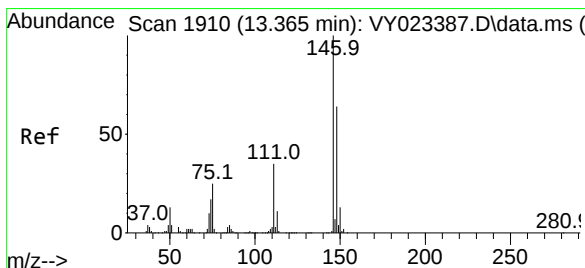
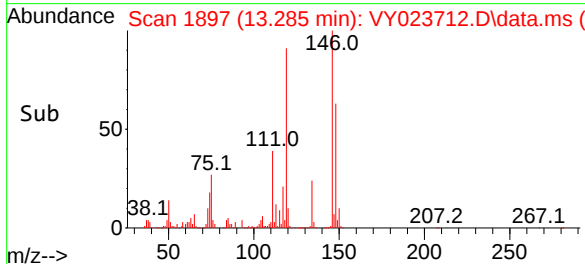
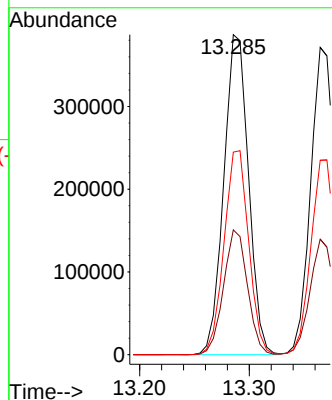
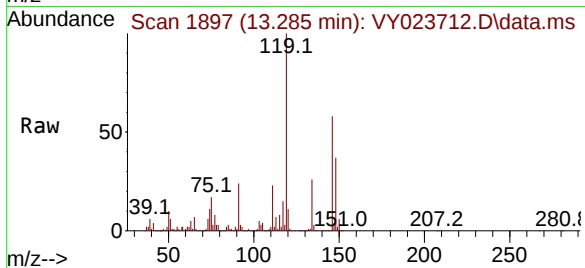
Tgt Ion:146 Resp: 606353

Ion Ratio Lower Upper

146 100

111 37.9 18.7 56.1

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.870 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

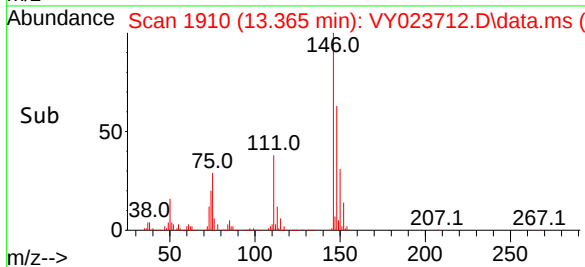
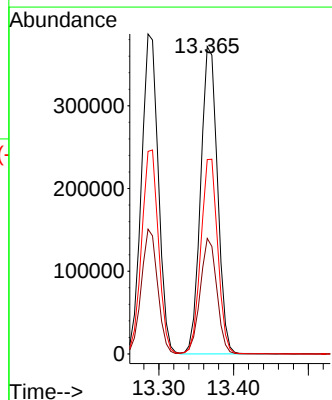
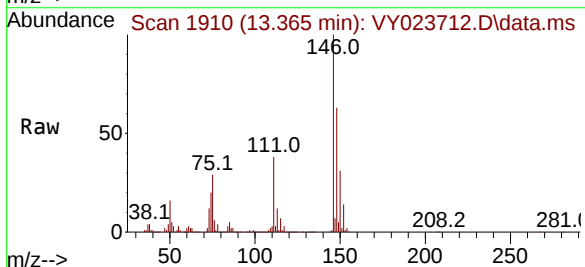
Tgt Ion:146 Resp: 580223

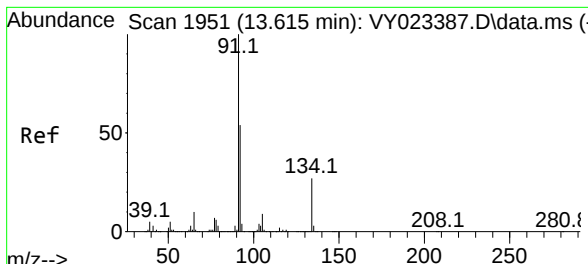
Ion Ratio Lower Upper

146 100

111 37.2 18.0 54.0

148 63.7 31.9 95.7



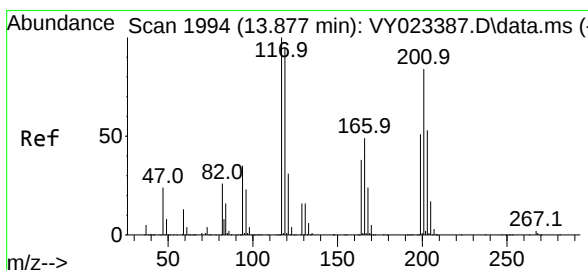
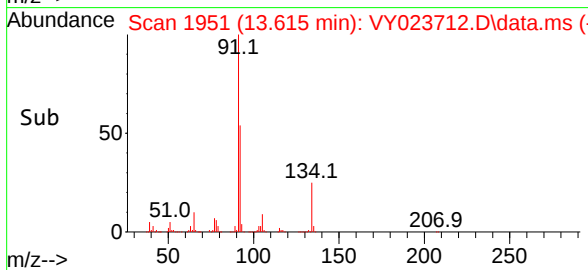
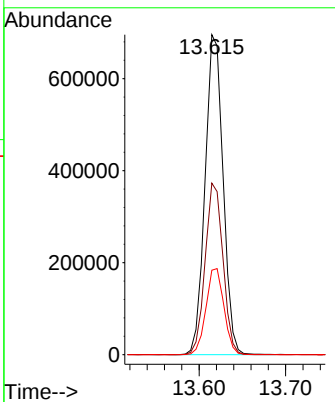
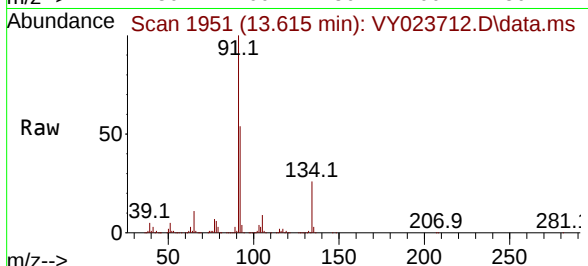


#89
 n-Butylbenzene
 Concen: 54.476 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY023712.D
 Acq: 10 Nov 2025 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 1004396

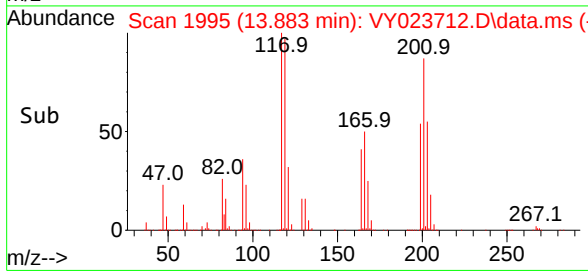
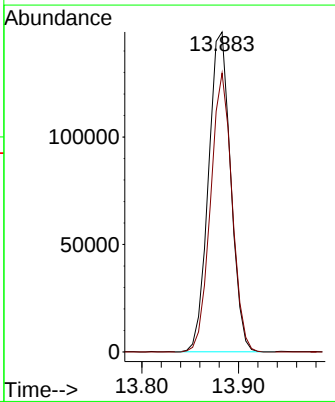
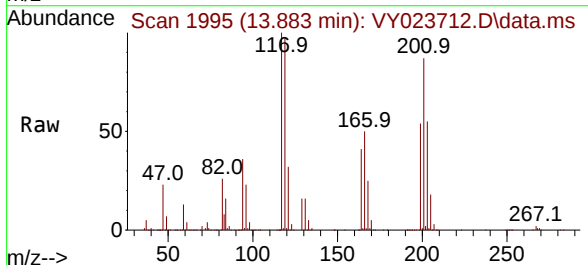
Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.0	80.8
134	26.9	14.1	42.2

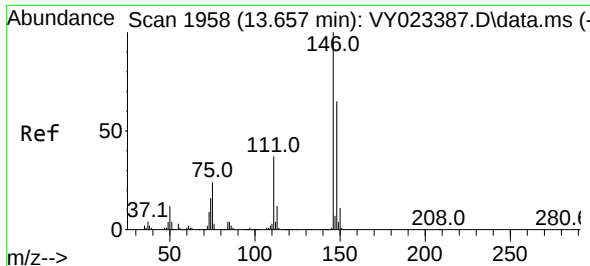


#90
 Hexachloroethane
 Concen: 52.091 ug/l
 RT: 13.883 min Scan# 1995
 Delta R.T. 0.006 min
 Lab File: VY023712.D
 Acq: 10 Nov 2025 10:58

Tgt Ion: 117 Resp: 237073

Ion	Ratio	Lower	Upper
117	100		
201	84.2	43.8	131.4

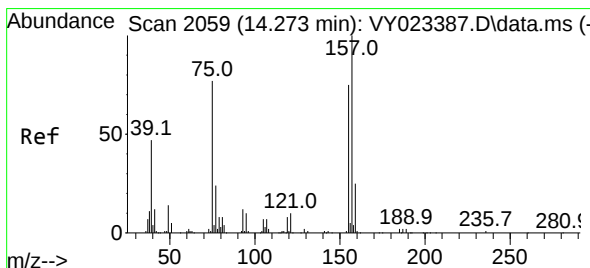
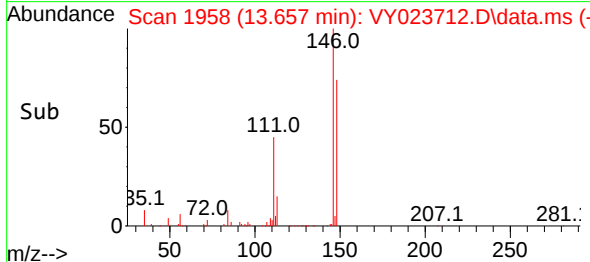
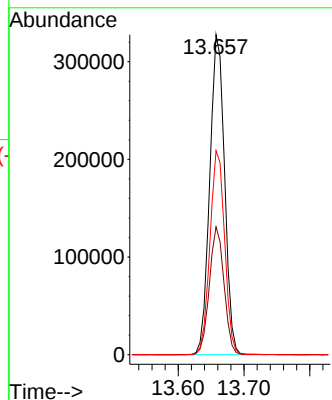
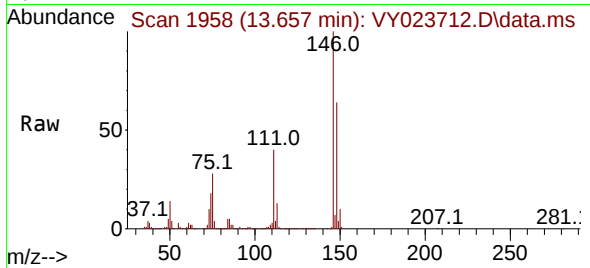




#91
 1,2-Dichlorobenzene
 Concen: 48.781 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023712.D
 Acq: 10 Nov 2025 10:58

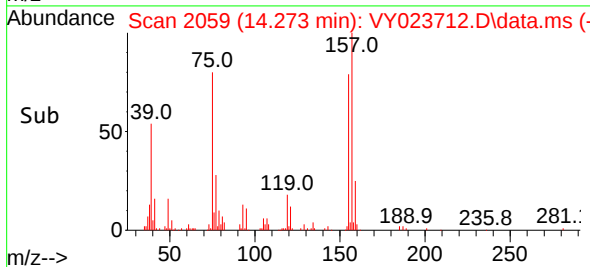
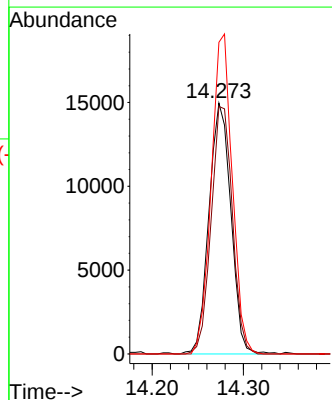
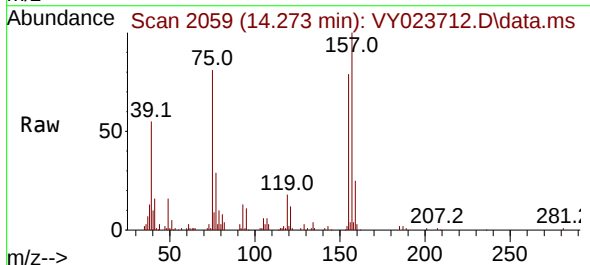
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

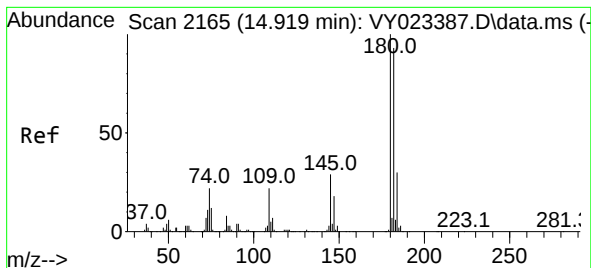
Tgt Ion:146 Resp: 514119
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.0 57.0
 148 63.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.103 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023712.D
 Acq: 10 Nov 2025 10:58

Tgt Ion: 75 Resp: 24991
 Ion Ratio Lower Upper
 75 100
 155 95.4 50.0 150.0
 157 121.9 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 43.133 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

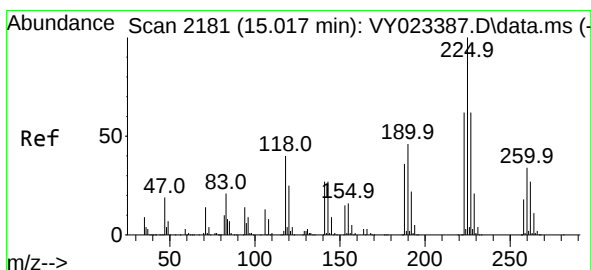
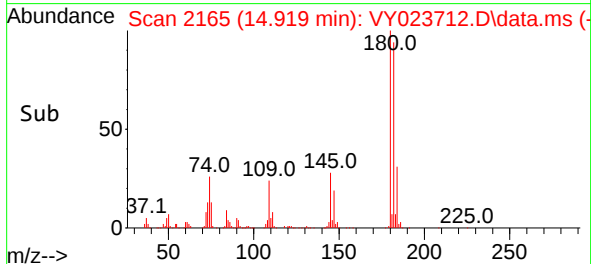
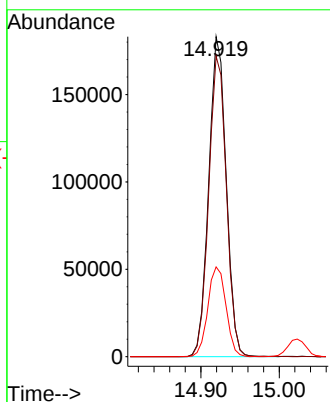
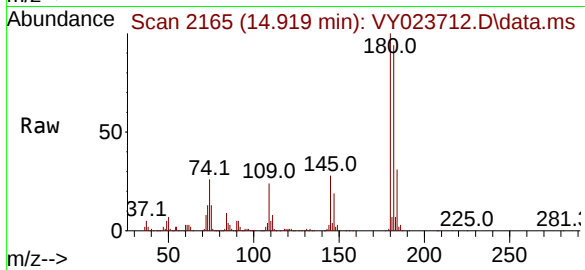
Tgt Ion:180 Resp: 283404

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 29.1 14.7 44.1



#94

Hexachlorobutadiene

Concen: 46.656 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

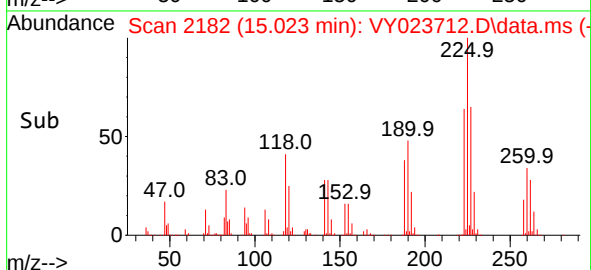
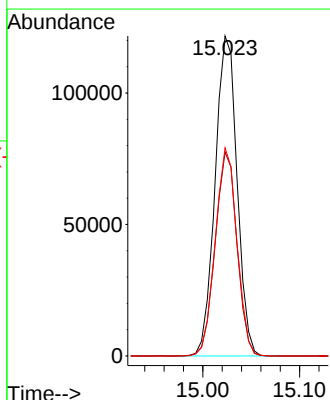
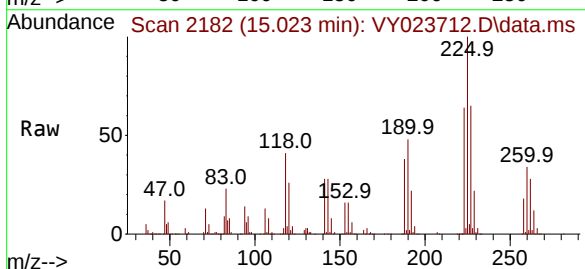
Tgt Ion:225 Resp: 191091

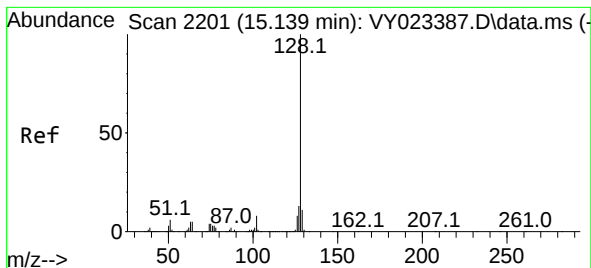
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

227 64.3 31.9 95.7





#95

Naphthalene

Concen: 38.151 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

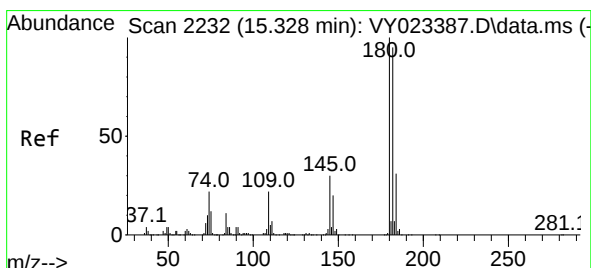
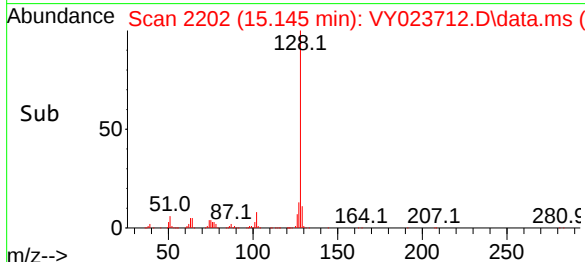
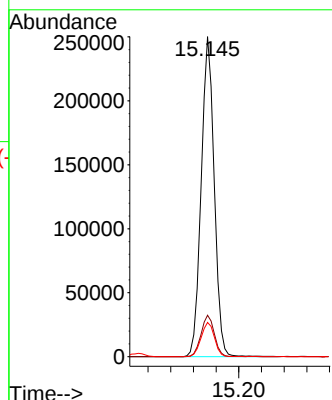
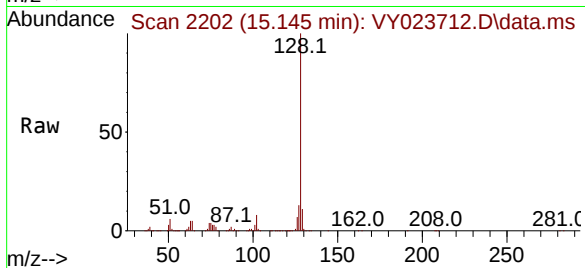
Tgt Ion:128 Resp: 399161

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 41.500 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023712.D

Acq: 10 Nov 2025 10:58

Tgt Ion:180 Resp: 236184

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 30.6 15.3 45.9

