

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
 Data File : VY023750.D
 Acq On : 11 Nov 2025 19:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 12 03:41:26 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	503093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	757182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	682585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	357006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	211153	50.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.380%	
35) Dibromofluoromethane	7.640	113	239632	51.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.020%	
50) Toluene-d8	10.109	98	906752	52.333	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	12.402	95	308729	53.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	132320	36.540	ug/l	95
3) Chloromethane	2.074	50	204918	41.540	ug/l	100
4) Vinyl Chloride	2.208	62	268577	41.800	ug/l	100
5) Bromomethane	2.598	94	238650	44.260	ug/l	99
6) Chloroethane	2.739	64	196990	44.977	ug/l	98
7) Trichlorofluoromethane	3.062	101	385996	43.267	ug/l	98
8) Diethyl Ether	3.458	74	117312	50.323	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	216288	46.720	ug/l	100
10) Methyl Iodide	4.013	142	287814	55.846	ug/l	99
11) Tert butyl alcohol	4.854	59	73265	234.095	ug/l	99
12) 1,1-Dichloroethene	3.793	96	219756	48.968	ug/l	99
13) Acrolein	3.659	56	50748	114.753	ug/l	98
14) Allyl chloride	4.391	41	263406	48.161	ug/l	99
15) Acrylonitrile	5.061	53	230188	258.021	ug/l	99
16) Acetone	3.866	43	209394	209.072	ug/l	97
17) Carbon Disulfide	4.110	76	636663	49.568	ug/l	100
18) Methyl Acetate	4.385	43	108266	41.209	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	567586	52.623	ug/l	97
20) Methylene Chloride	4.616	84	247954	45.784	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	250849	50.770	ug/l	99
22) Diisopropyl ether	6.019	45	616211	50.936	ug/l	98
23) Vinyl Acetate	5.964	43	1709654	261.084	ug/l	98
24) 1,1-Dichloroethane	5.921	63	397855	49.647	ug/l	98
25) 2-Butanone	6.896	43	279097	228.259	ug/l	99
26) 2,2-Dichloropropane	6.884	77	340830	46.351	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	298971	52.384	ug/l	96
28) Bromochloromethane	7.244	49	154581	51.671	ug/l	97
29) Tetrahydrofuran	7.262	42	172416	248.664	ug/l	95
30) Chloroform	7.421	83	450912	51.213	ug/l	99
31) Cyclohexane	7.701	56	314998	45.010	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	394702	49.330	ug/l	100
36) 1,1-Dichloropropene	7.835	75	298002	48.381	ug/l	100
37) Ethyl Acetate	6.988	43	125793	51.550	ug/l	98
38) Carbon Tetrachloride	7.817	117	356637	47.751	ug/l	100
39) Methylcyclohexane	9.109	83	388365	48.426	ug/l	100
40) Benzene	8.079	78	982709	50.378	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	68079	51.584	ug/l	94
42) 1,2-Dichloroethane	8.158	62	244545	48.610	ug/l	98
43) Isopropyl Acetate	8.195	43	242743	49.887	ug/l #	86
44) Trichloroethene	8.866	130	286555	50.191	ug/l	99
45) 1,2-Dichloropropane	9.140	63	218474	50.707	ug/l	100
46) Dibromomethane	9.231	93	138585	50.868	ug/l	99
47) Bromodichloromethane	9.420	83	345503	50.354	ug/l	100
48) Methyl methacrylate	9.219	41	110343	48.271	ug/l	92
49) 1,4-Dioxane	9.225	88	30007	949.966	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	642241	255.465	ug/l	98
52) Toluene	10.170	92	647593	51.131	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	297735	49.904	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	355365	50.467	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	189743	51.791	ug/l	96
56) Ethyl methacrylate	10.438	69	231628	54.809	ug/l	97
57) 1,3-Dichloropropane	10.719	76	299347	51.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	522732	276.116	ug/l	99
59) 2-Hexanone	10.762	43	438426	244.028	ug/l	98
60) Dibromochloromethane	10.914	129	264996	51.591	ug/l	99
61) 1,2-Dibromoethane	11.018	107	180406	51.633	ug/l	99
64) Tetrachloroethene	10.646	164	364859	51.768	ug/l	98
65) Chlorobenzene	11.444	112	739129	49.787	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	262833	49.681	ug/l	99
67) Ethyl Benzene	11.518	91	1214632	50.544	ug/l	98
68) m/p-Xylenes	11.627	106	977996	101.465	ug/l	100
69) o-Xylene	11.956	106	463695	51.289	ug/l	99
70) Styrene	11.969	104	768500	51.691	ug/l	100
71) Bromoform	12.133	173	163149	49.716	ug/l #	98
73) Isopropylbenzene	12.255	105	1180360	50.170	ug/l	100
74) N-amyl acetate	12.066	43	208029	49.228	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	185815	48.288	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	249092	79.083	ug/l #	100
77) Bromobenzene	12.530	156	311937	49.872	ug/l	98
78) n-propylbenzene	12.591	91	1358984	49.915	ug/l	99
79) 2-Chlorotoluene	12.676	91	794701	49.845	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	958673	50.426	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	61088	47.559	ug/l	96
82) 4-Chlorotoluene	12.773	91	805112	49.033	ug/l	99
83) tert-Butylbenzene	12.993	119	874771	49.834	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	961531	50.677	ug/l	100
85) sec-Butylbenzene	13.176	105	1237648	49.151	ug/l	100
86) p-Isopropyltoluene	13.292	119	1062677	49.567	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	585673	48.085	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	576776	47.947	ug/l	100
89) n-Butylbenzene	13.615	91	905613	48.478	ug/l	99
90) Hexachloroethane	13.877	117	218809	47.452	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	518747	48.579	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30092	47.660	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	301189	45.243	ug/l	99
94) Hexachlorobutadiene	15.023	225	180491	43.494	ug/l	98
95) Naphthalene	15.139	128	495481	46.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	260091	45.106	ug/l	99

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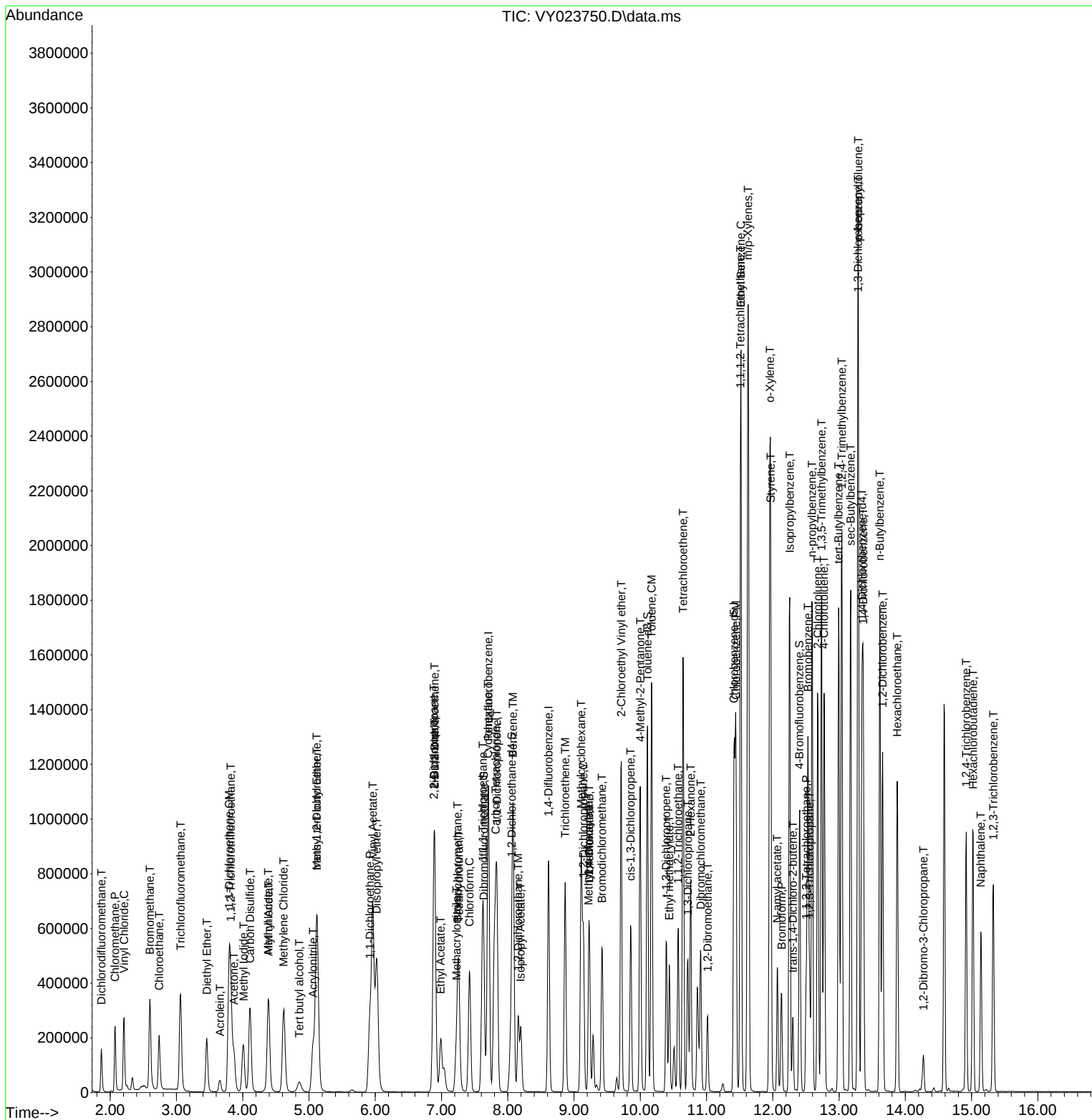
Instrument :
MSVOA_Y
ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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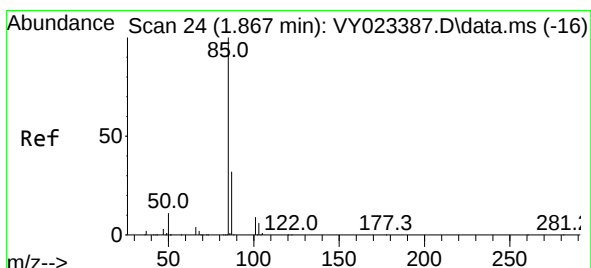
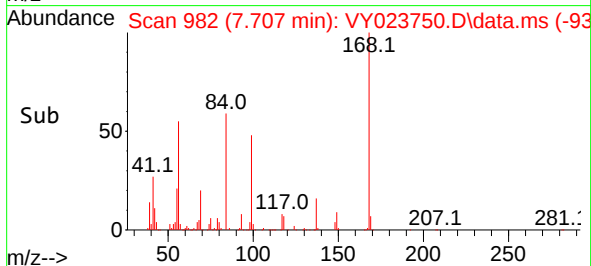
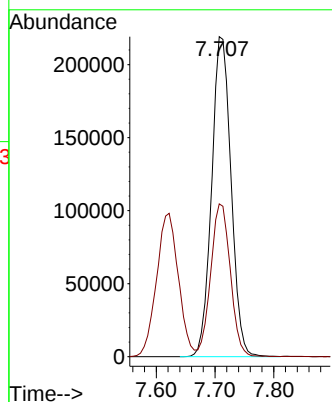
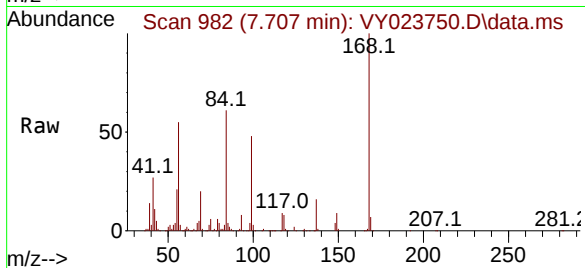




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023750.D
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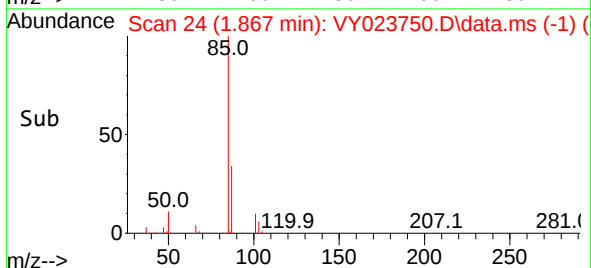
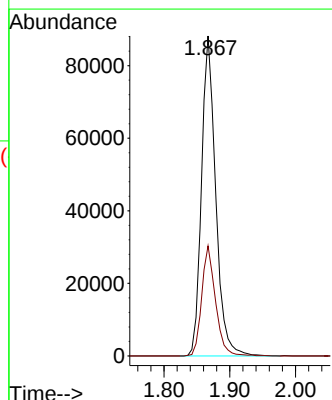
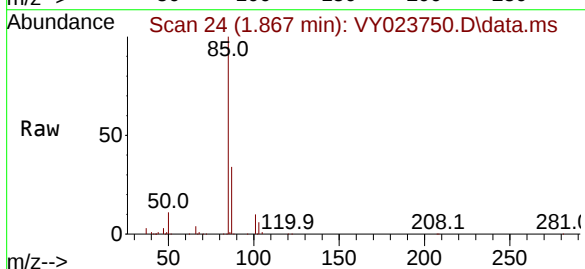
Instrument :
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VSTDCCC050EC

Tgt Ion:168 Resp: 503093
Ion Ratio Lower Upper
168 100
99 47.7 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 36.540 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 85 Resp: 132320
Ion Ratio Lower Upper
85 100
87 34.4 16.0 47.9

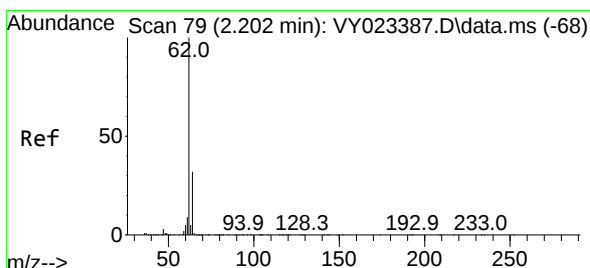
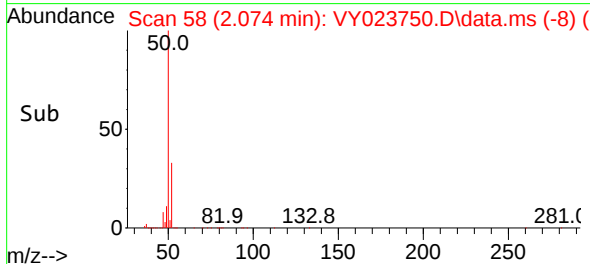
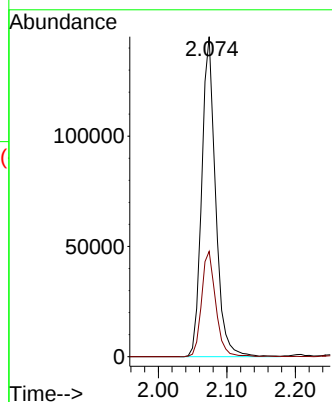
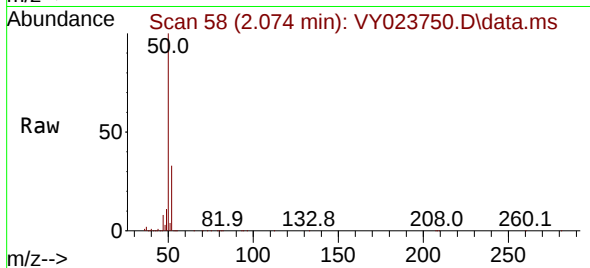




#3
Chloromethane
Concen: 41.540 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

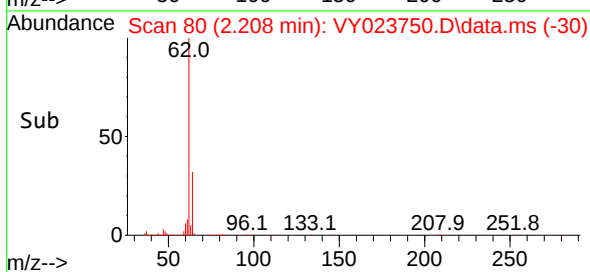
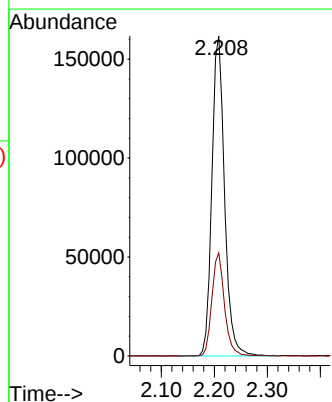
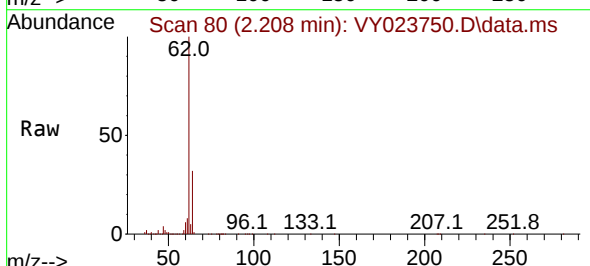
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ClientSampleId :
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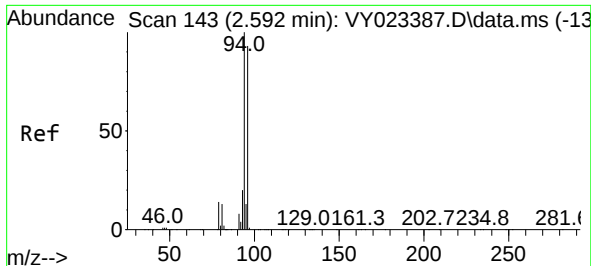
Tgt Ion: 50 Resp: 204918
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.2



#4
Vinyl Chloride
Concen: 41.800 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 62 Resp: 268577
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.8

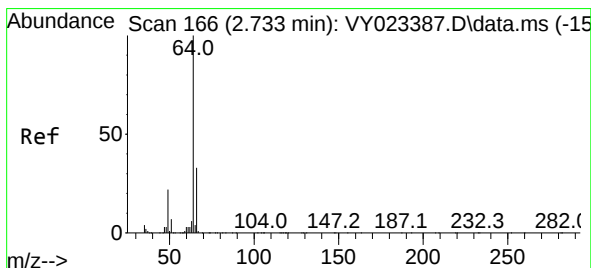
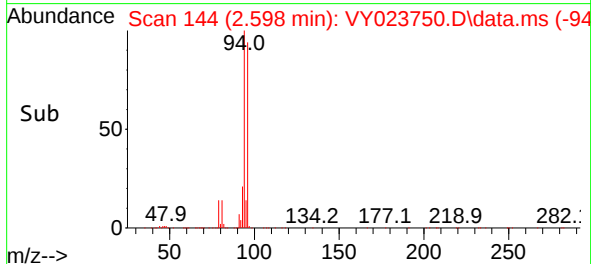
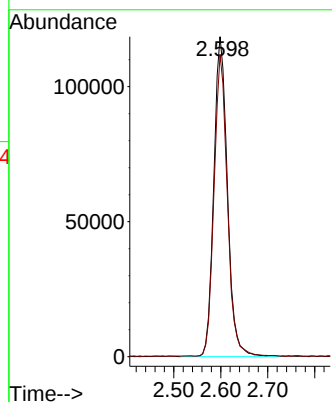
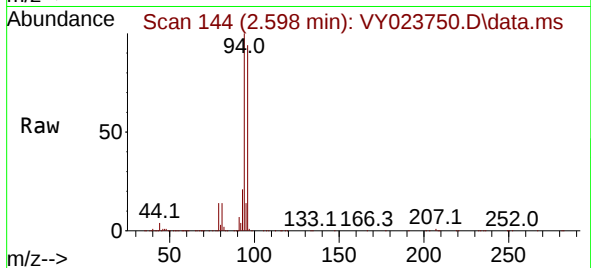




#5
Bromomethane
Concen: 44.260 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

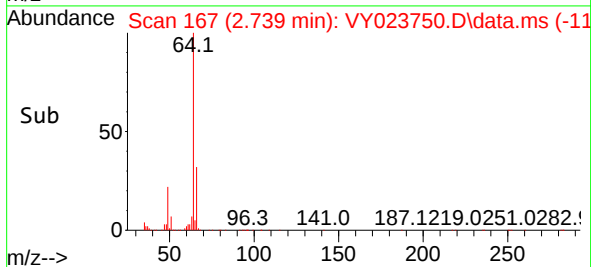
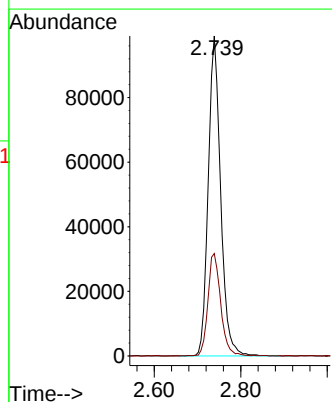
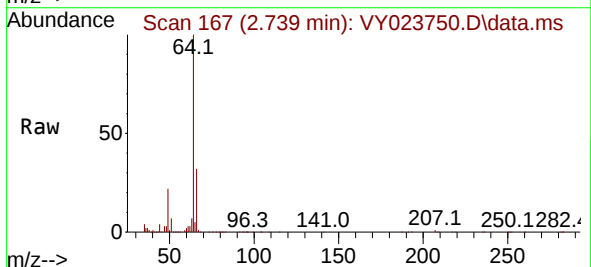
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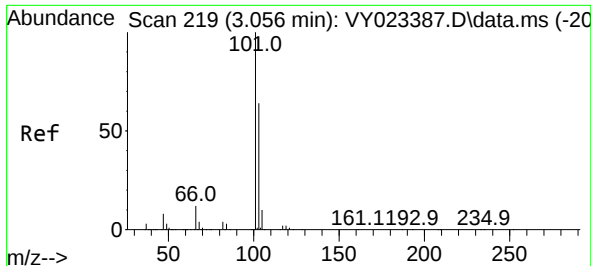
Tgt Ion: 94 Resp: 238650
Ion Ratio Lower Upper
94 100
96 94.2 74.5 111.7



#6
Chloroethane
Concen: 44.977 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 64 Resp: 196990
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4

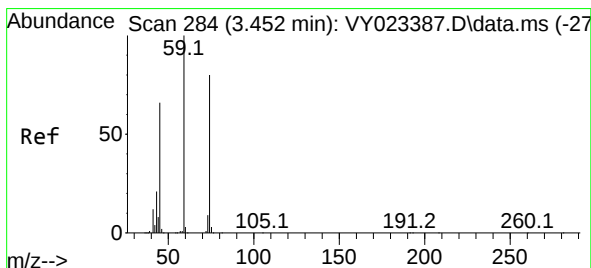
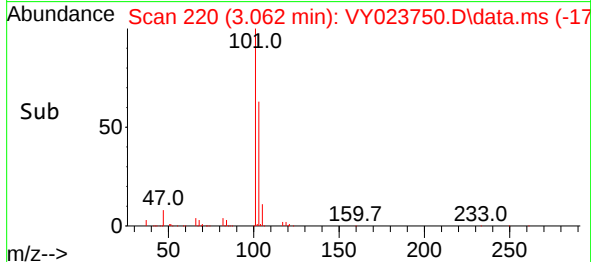
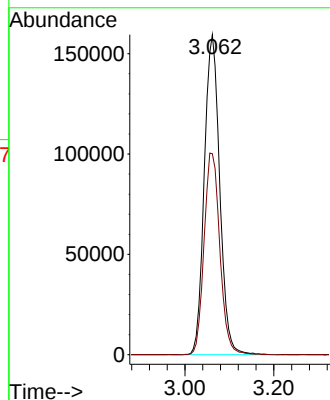
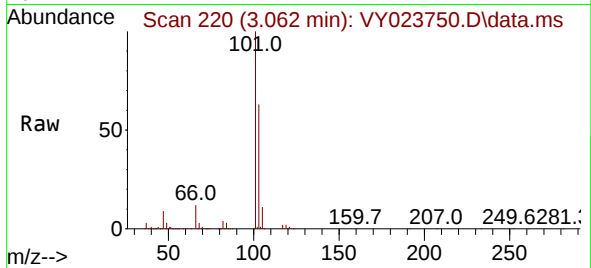




#7
Trichlorofluoromethane
Concen: 43.267 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

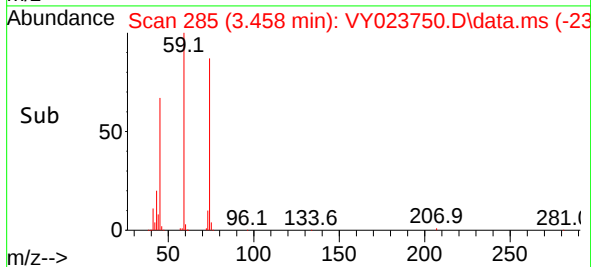
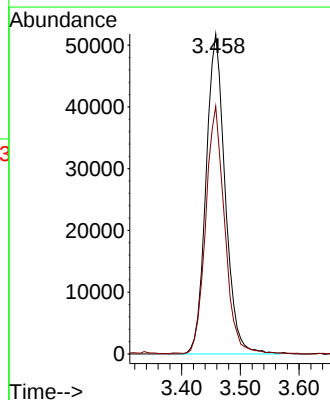
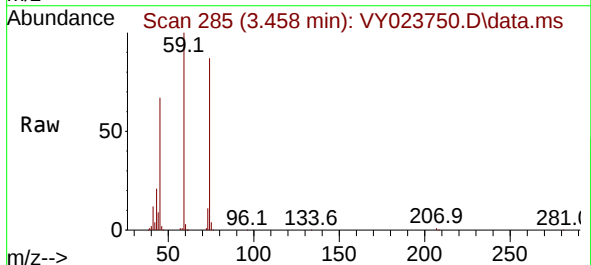
Instrument :
MSVOA_Y
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Tgt Ion:101 Resp: 385996
Ion Ratio Lower Upper
101 100
103 62.8 51.3 76.9



#8
Diethyl Ether
Concen: 50.323 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 74 Resp: 117312
Ion Ratio Lower Upper
74 100
45 77.1 39.9 119.7

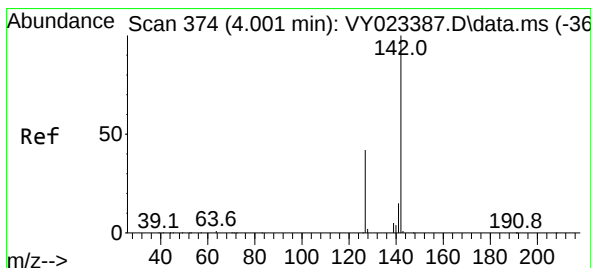
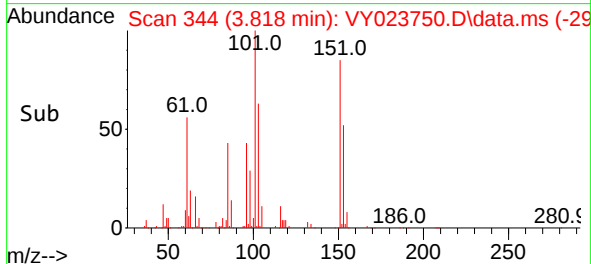
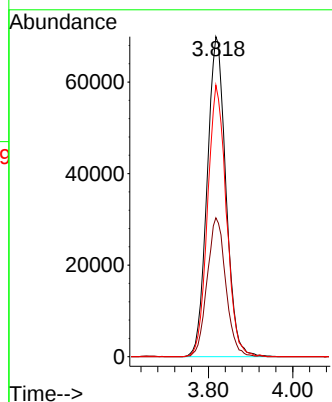
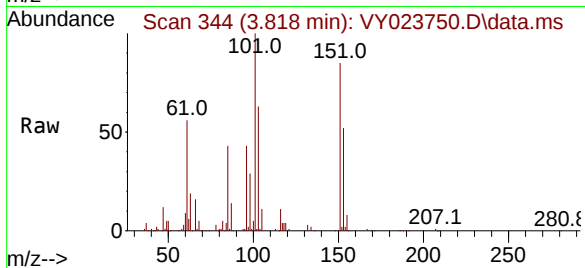




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.720 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023750.D
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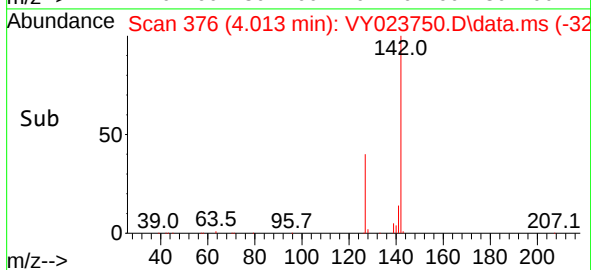
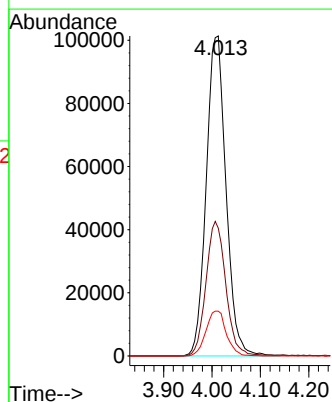
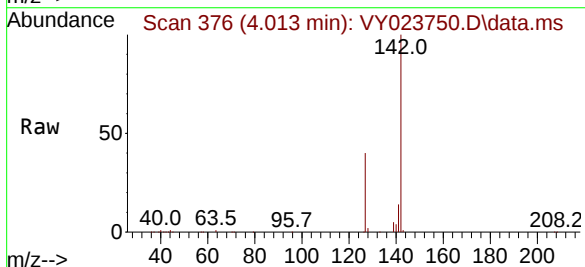
Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 216288
Ion Ratio Lower Upper
101 100
85 43.2 34.6 51.8
151 84.4 67.0 100.6



#10
Methyl Iodide
Concen: 55.846 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion:142 Resp: 287814
Ion Ratio Lower Upper
142 100
127 42.3 34.8 52.2
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 234.095 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

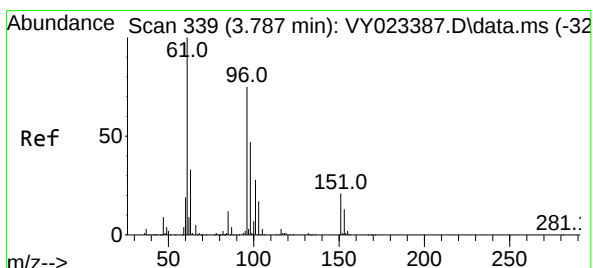
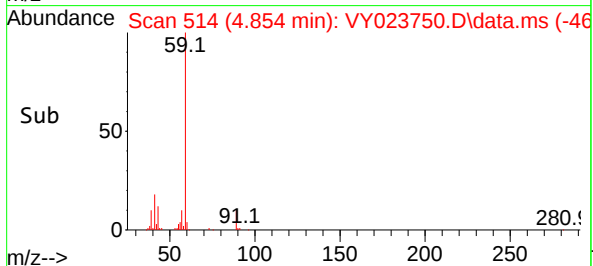
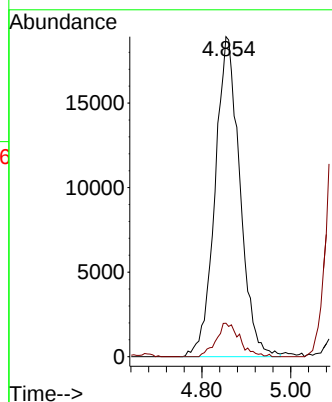
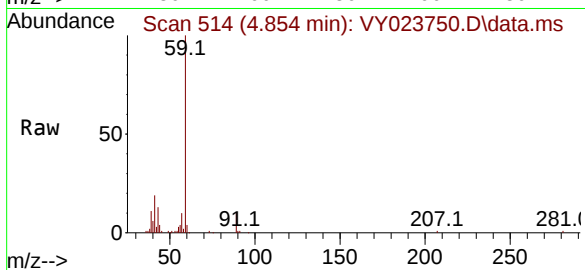
VSTDCCC050EC

Tgt Ion: 59 Resp: 73265

Ion Ratio Lower Upper

59 100

57 9.9 8.3 12.5



#12

1,1-Dichloroethene

Concen: 48.968 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

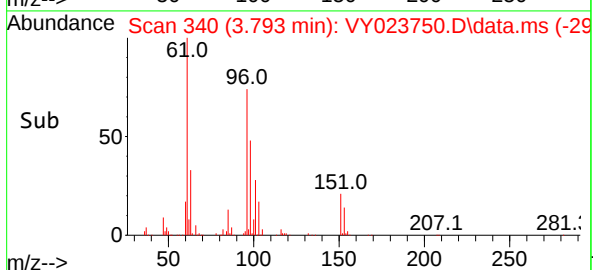
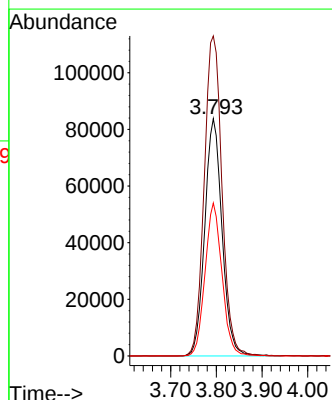
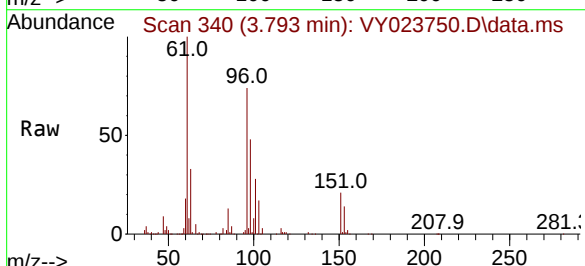
Tgt Ion: 96 Resp: 219756

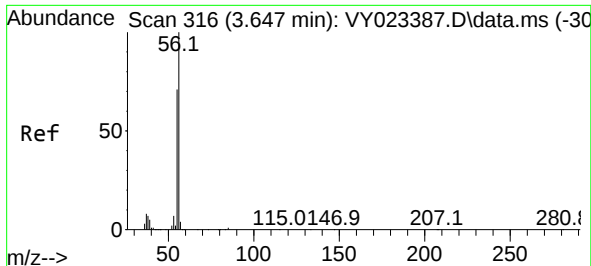
Ion Ratio Lower Upper

96 100

61 134.7 106.7 160.1

98 64.5 50.2 75.4

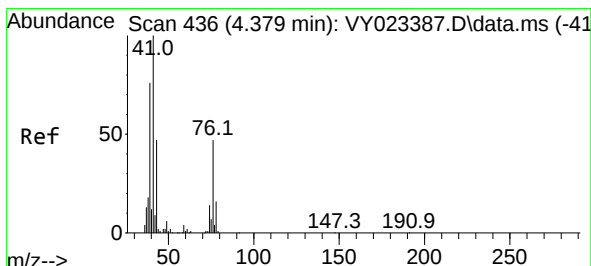
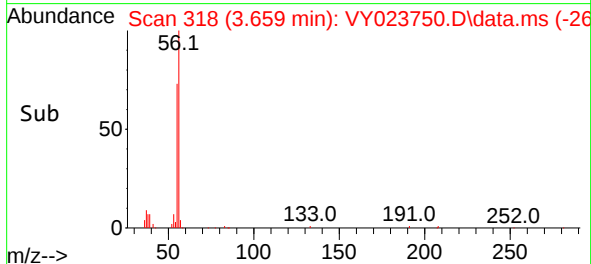
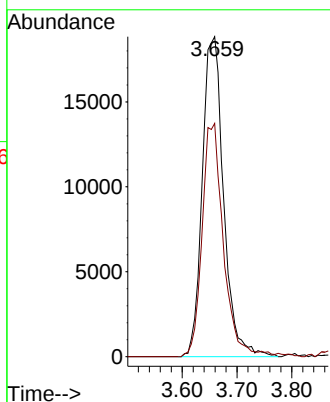
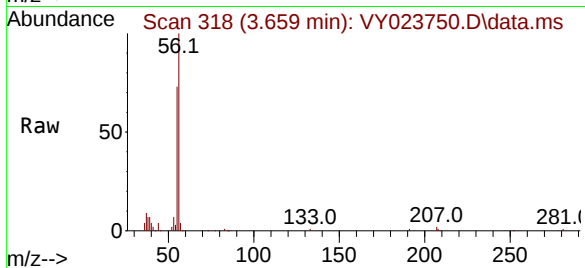




#13
Acrolein
Concen: 114.753 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

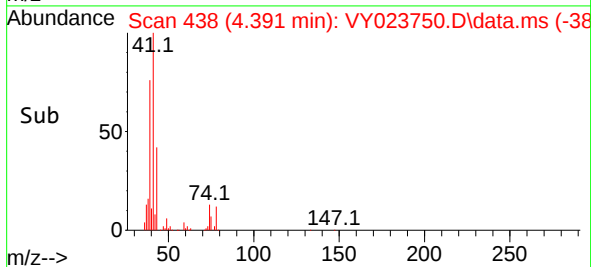
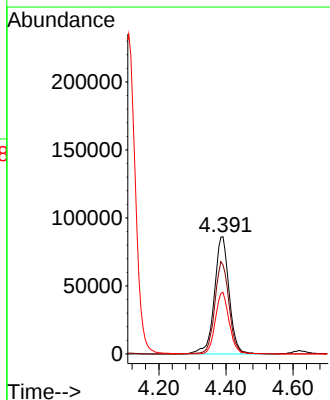
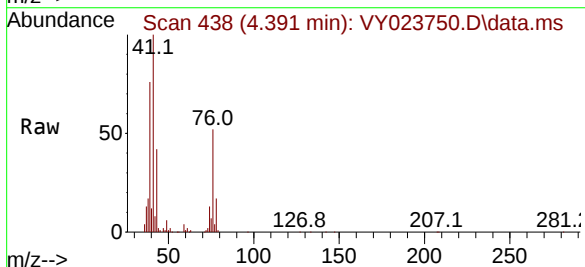
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

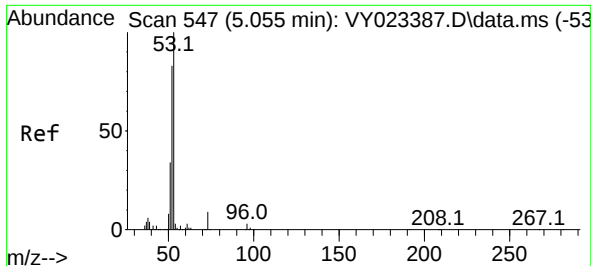
Tgt Ion: 56 Resp: 50748
Ion Ratio Lower Upper
56 100
55 72.0 56.1 84.1



#14
Allyl chloride
Concen: 48.161 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 41 Resp: 263406
Ion Ratio Lower Upper
41 100
39 75.9 59.9 89.9
76 48.8 38.0 57.0

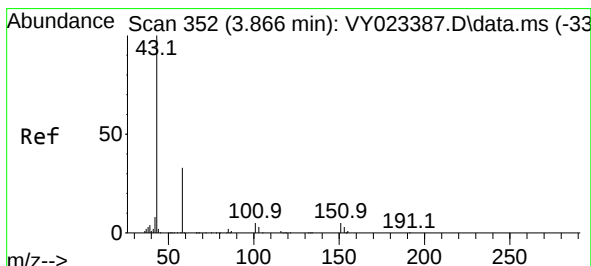
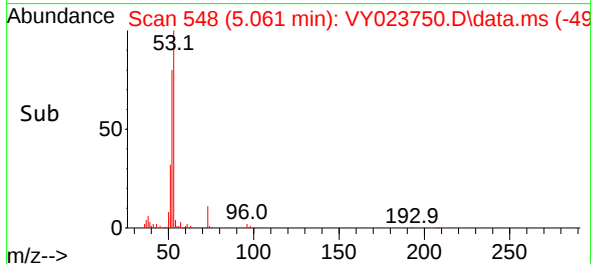
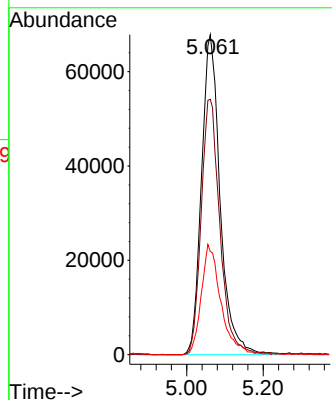
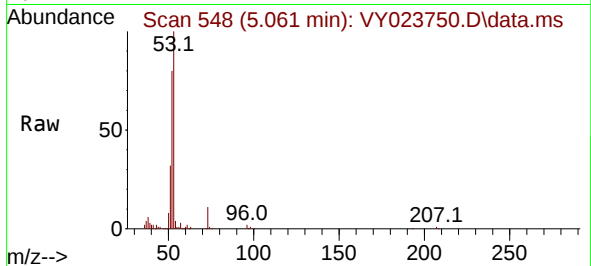




#15
Acrylonitrile
Concen: 258.021 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

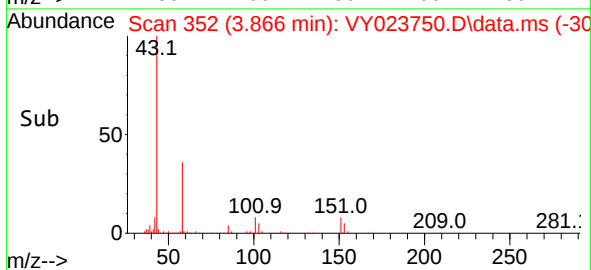
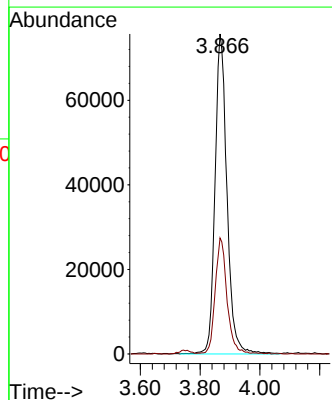
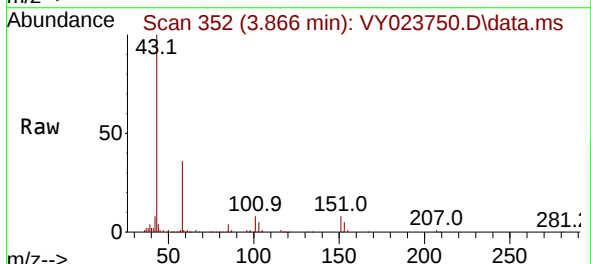
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

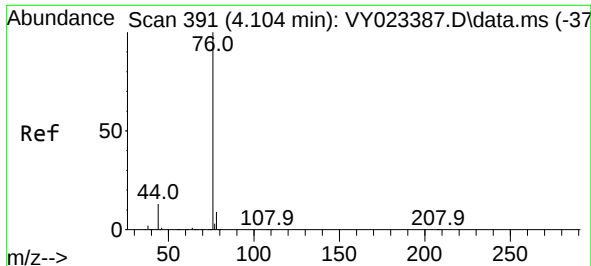
Tgt Ion: 53 Resp: 230188
Ion Ratio Lower Upper
53 100
52 79.5 64.6 97.0
51 36.1 29.5 44.3



#16
Acetone
Concen: 209.072 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 43 Resp: 209394
Ion Ratio Lower Upper
43 100
58 36.1 27.7 41.5

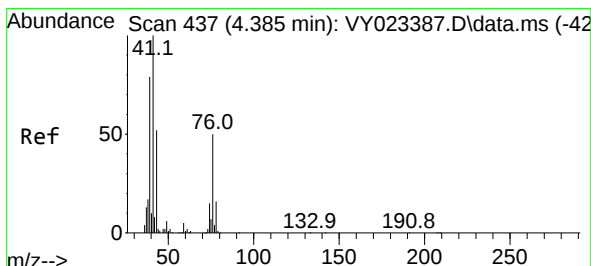
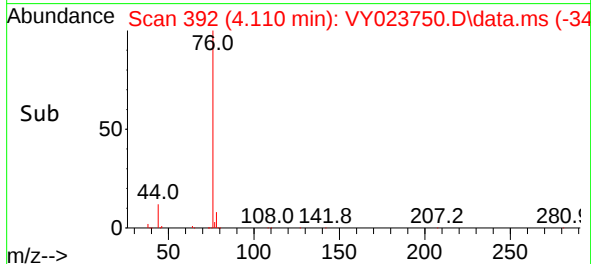
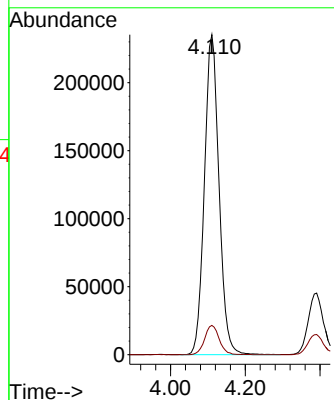
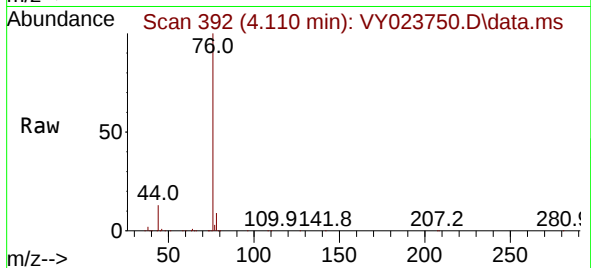




#17
Carbon Disulfide
Concen: 49.568 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

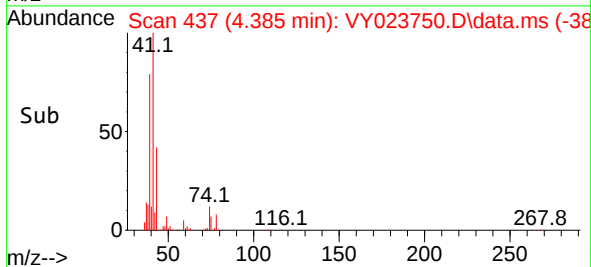
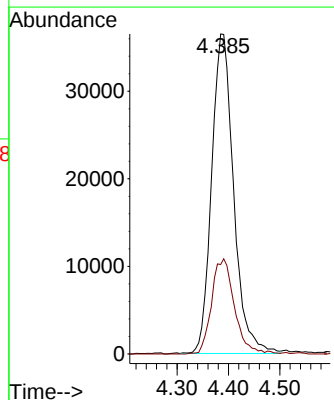
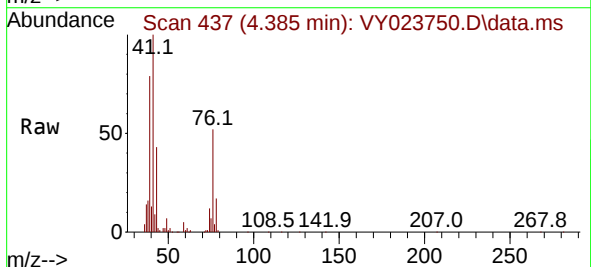
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 636663
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 41.209 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 43 Resp: 108266
Ion Ratio Lower Upper
43 100
74 30.9 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 52.623 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

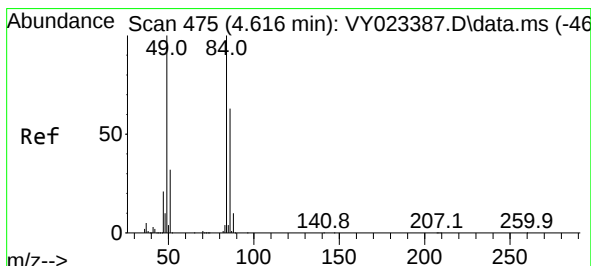
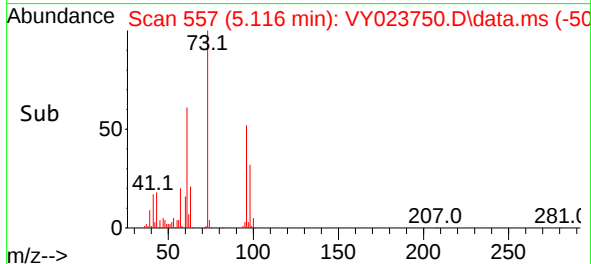
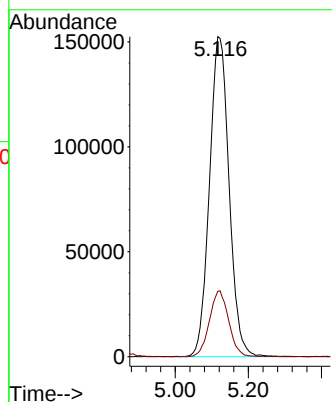
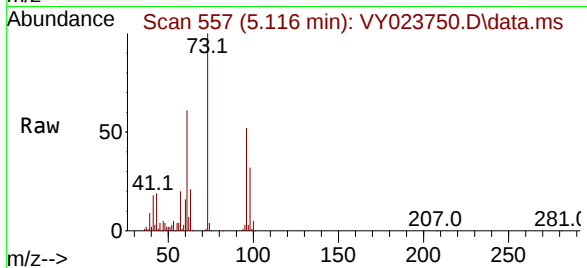
VSTDCCC050EC

Tgt Ion: 73 Resp: 567586

Ion Ratio Lower Upper

73 100

57 20.4 17.4 26.0



#20

Methylene Chloride

Concen: 45.784 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Tgt Ion: 84 Resp: 247954

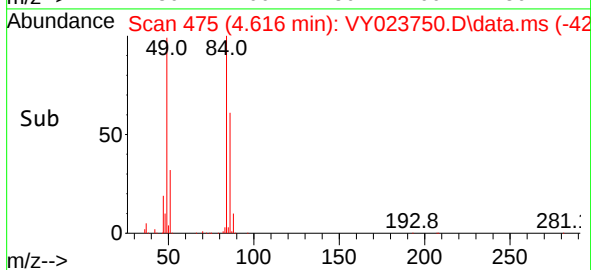
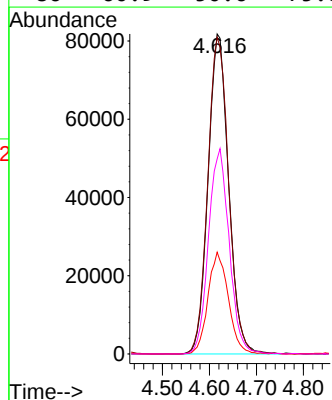
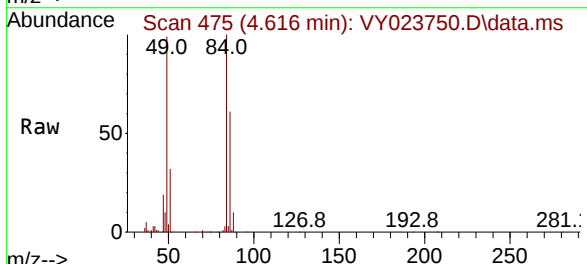
Ion Ratio Lower Upper

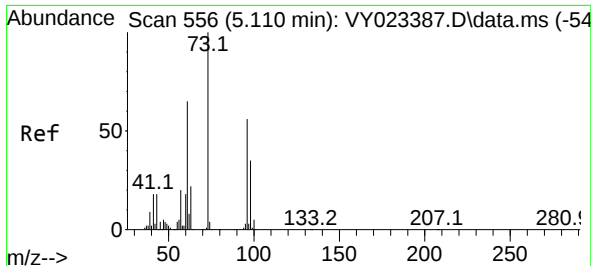
84 100

49 99.0 80.2 120.4

51 31.8 25.9 38.9

86 60.9 50.6 75.8

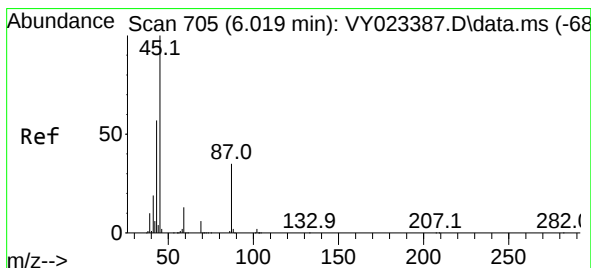
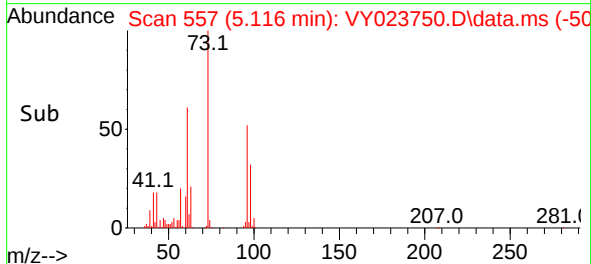
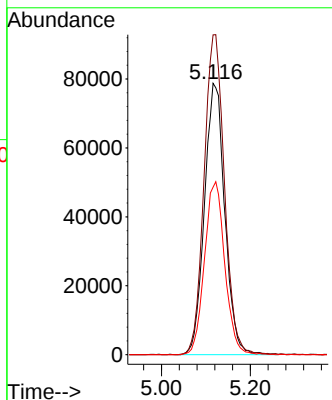
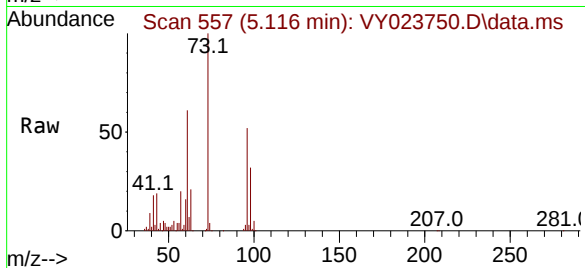




#21
trans-1,2-Dichloroethene
Concen: 50.770 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

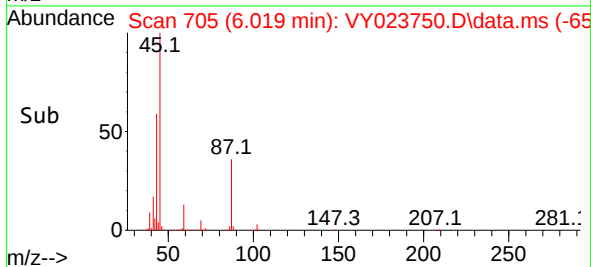
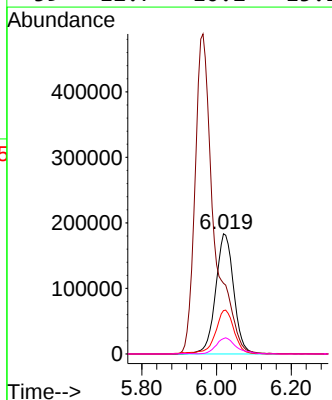
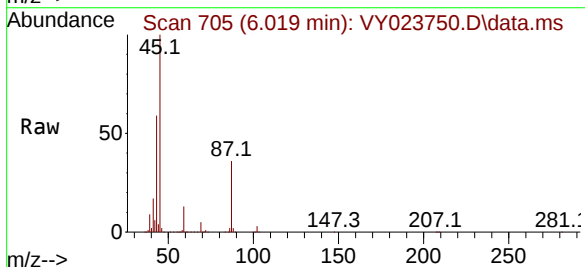
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 250849
Ion Ratio Lower Upper
96 100
61 117.9 92.7 139.1
98 61.7 49.7 74.5



#22
Diisopropyl ether
Concen: 50.936 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 45 Resp: 616211
Ion Ratio Lower Upper
45 100
43 58.8 45.6 68.4
87 36.0 28.1 42.1
59 12.7 10.2 15.2

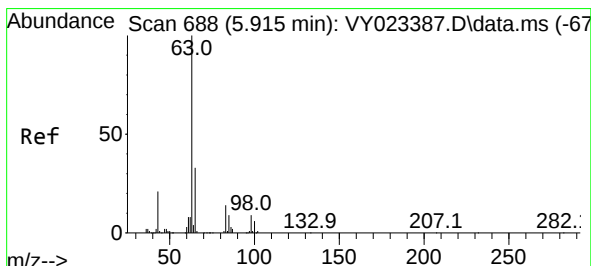
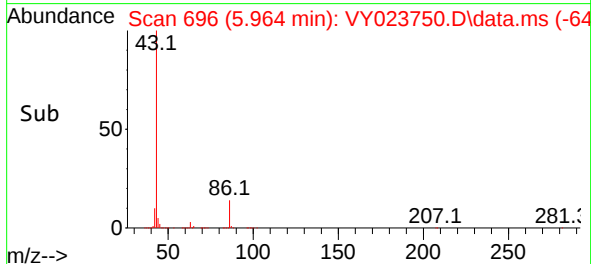
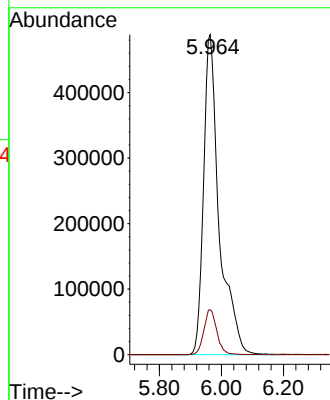
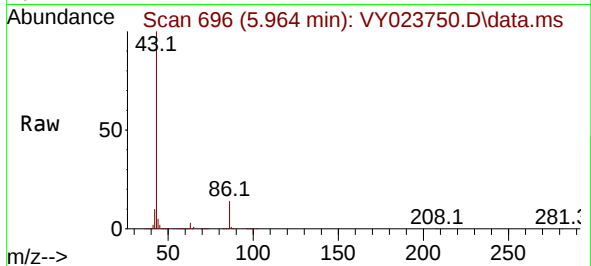




#23
 Vinyl Acetate
 Concen: 261.084 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023750.D
 Acq: 11 Nov 2025 19:08

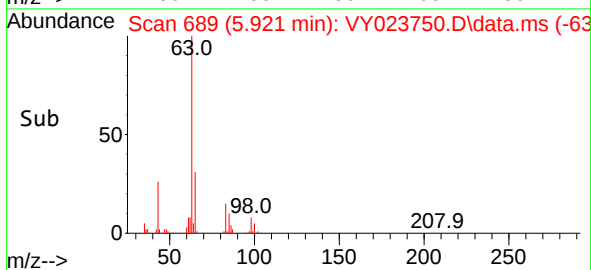
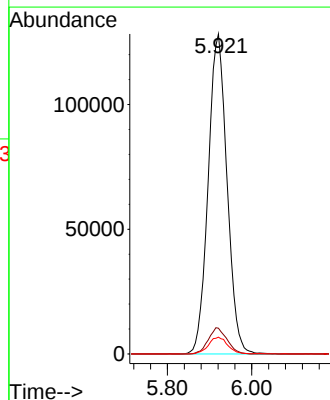
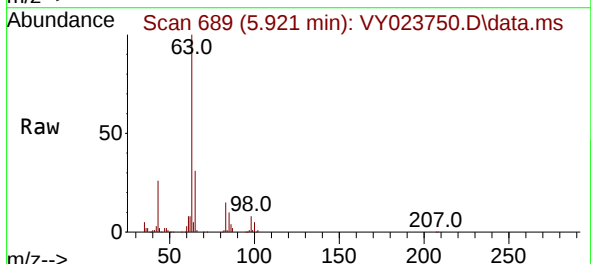
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1709654
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 49.647 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023750.D
 Acq: 11 Nov 2025 19:08

Tgt Ion: 63 Resp: 397855
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.3 13.1
 100 5.3 2.8 8.4





#25

2-Butanone

Concen: 228.259 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

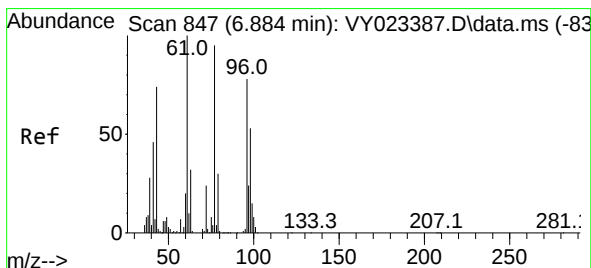
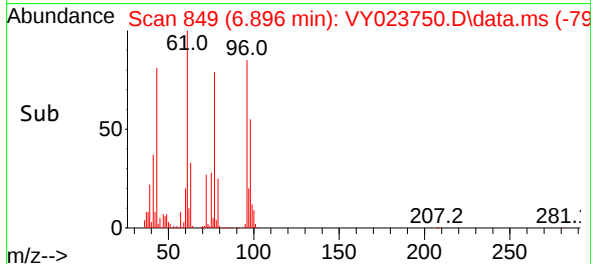
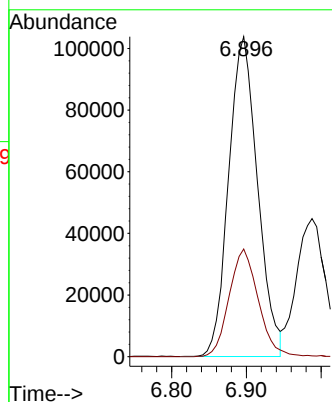
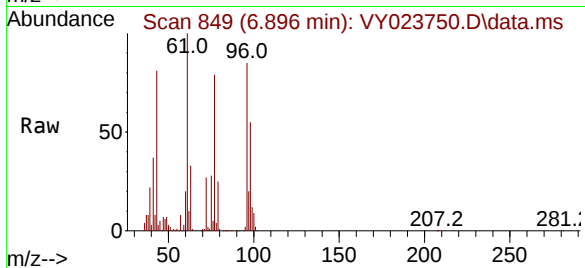
VSTDCCC050EC

Tgt Ion: 43 Resp: 279097

Ion Ratio Lower Upper

43 100

72 33.7 27.4 41.2



#26

2,2-Dichloropropane

Concen: 46.351 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023750.D

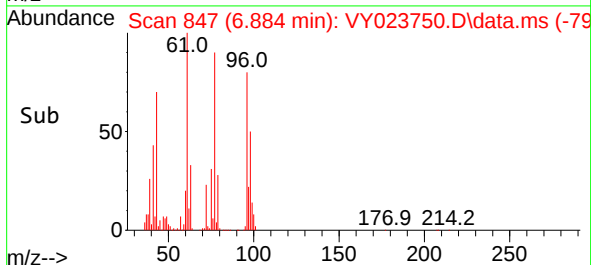
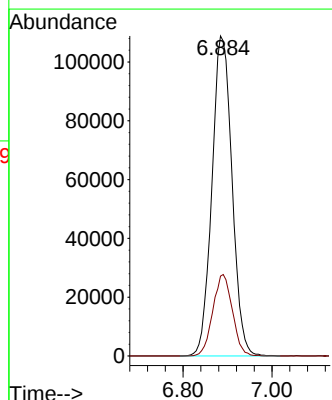
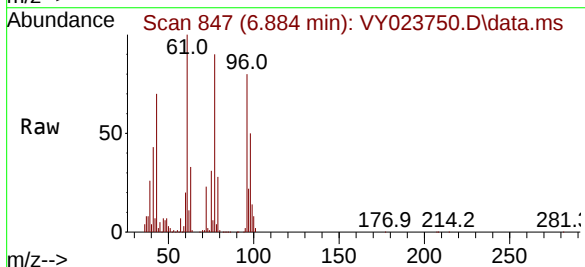
Acq: 11 Nov 2025 19:08

Tgt Ion: 77 Resp: 340830

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3

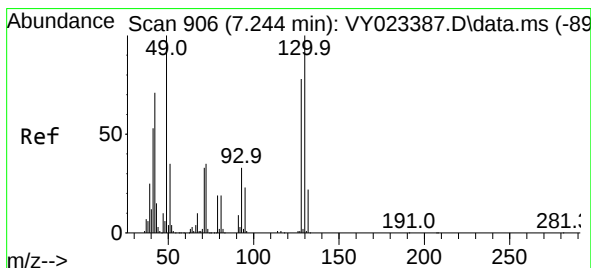
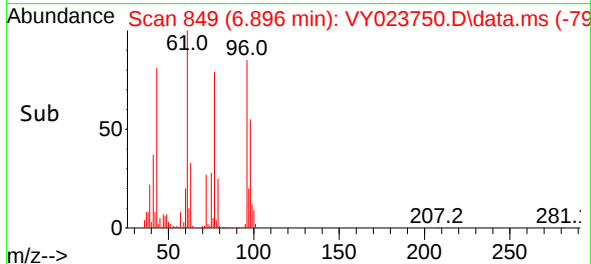
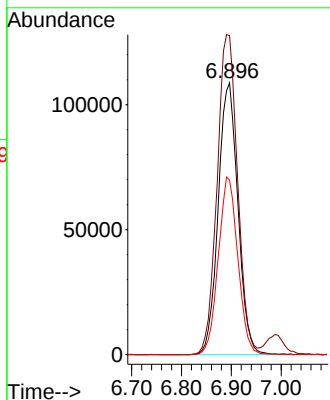
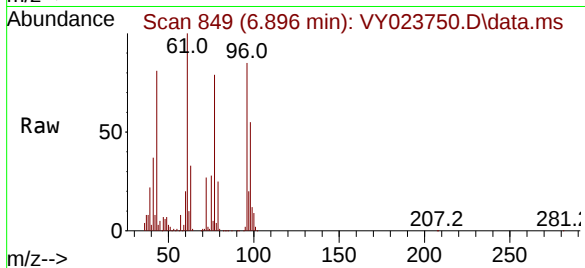




#27
 cis-1,2-Dichloroethene
 Concen: 52.384 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY023750.D
 Acq: 11 Nov 2025 19:08

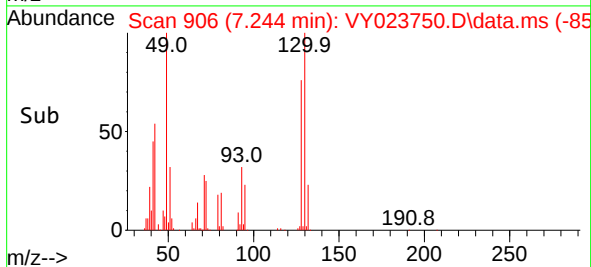
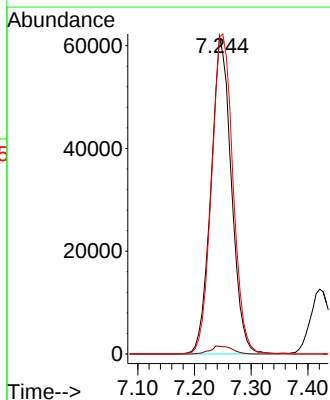
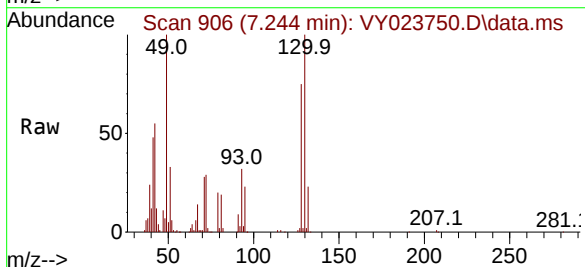
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

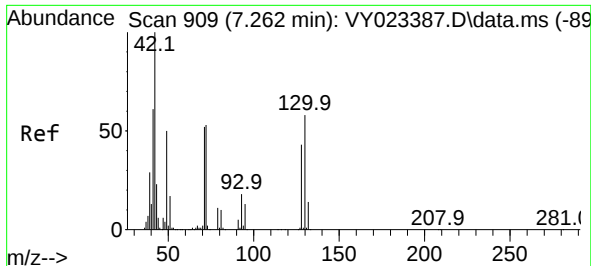
Tgt Ion: 96 Resp: 298971
 Ion Ratio Lower Upper
 96 100
 61 122.2 0.0 258.2
 98 64.8 0.0 132.0



#28
 Bromochloromethane
 Concen: 51.671 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY023750.D
 Acq: 11 Nov 2025 19:08

Tgt Ion: 49 Resp: 154581
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 105.6 81.9 122.9

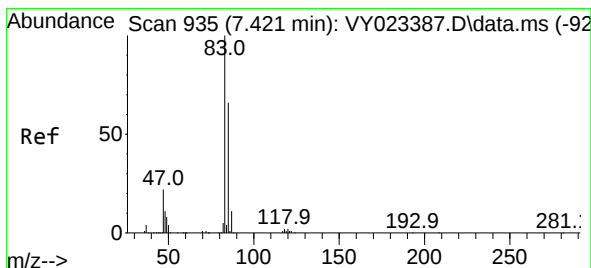
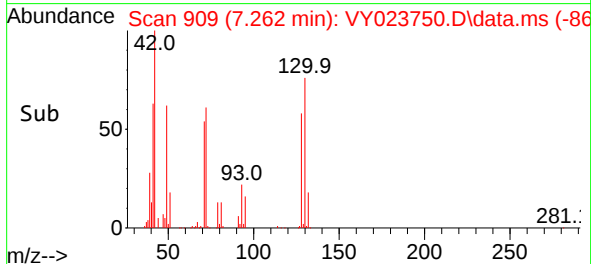
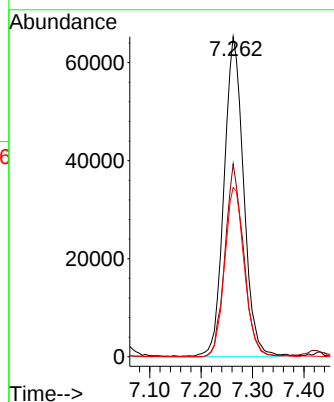
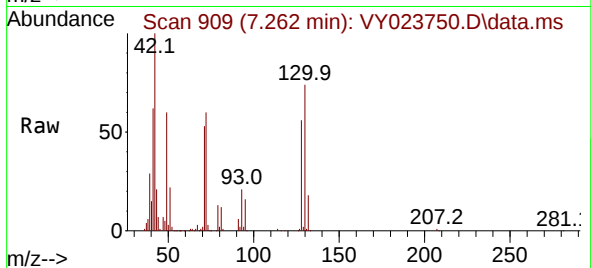




#29
Tetrahydrofuran
Concen: 248.664 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

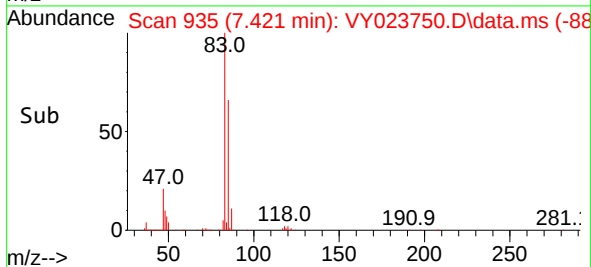
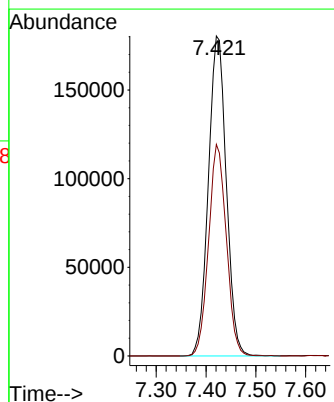
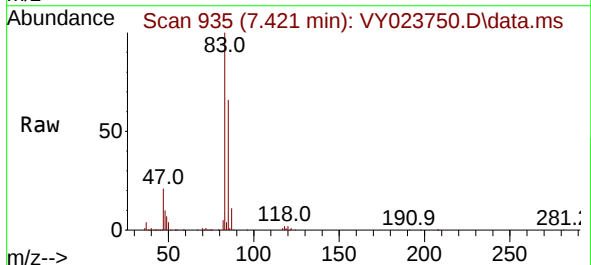
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

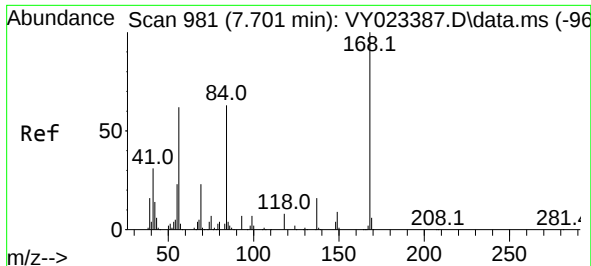
Tgt Ion: 42 Resp: 172416
Ion Ratio Lower Upper
42 100
72 57.6 43.0 64.6
71 53.7 40.1 60.1



#30
Chloroform
Concen: 51.213 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 83 Resp: 450912
Ion Ratio Lower Upper
83 100
85 66.1 52.5 78.7

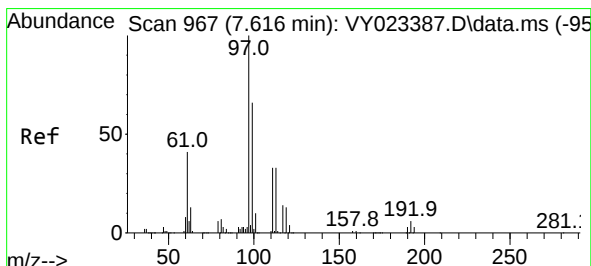
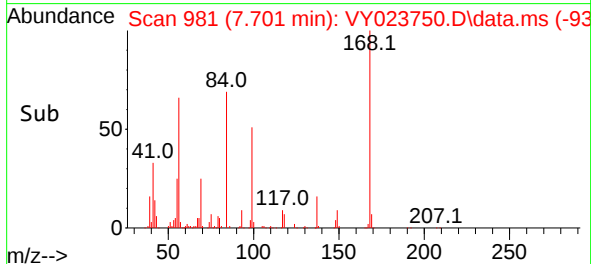
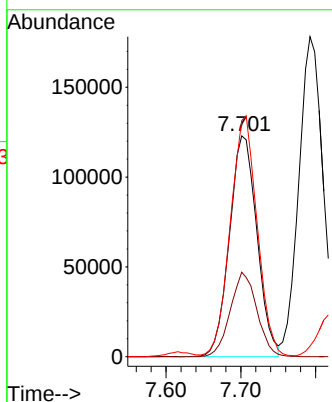
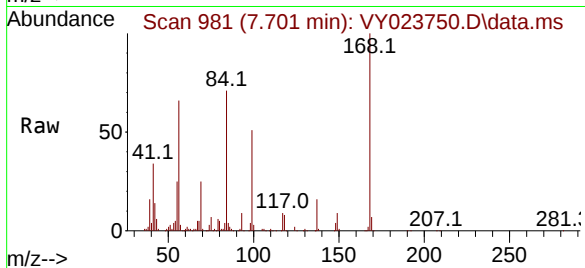




#31
Cyclohexane
Concen: 45.010 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

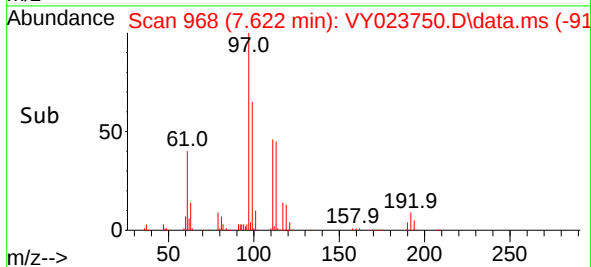
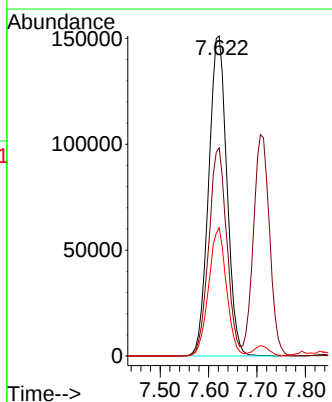
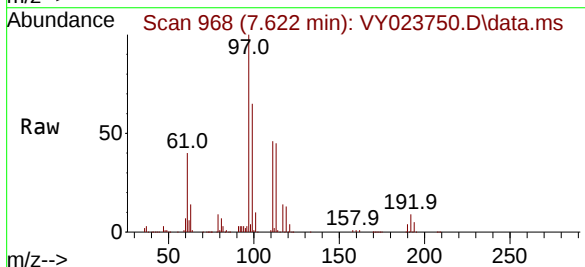
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 314998
Ion Ratio Lower Upper
56 100
69 38.3 30.0 45.0
84 104.7 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 49.330 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 97 Resp: 394702
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 39.2 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 50.192 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

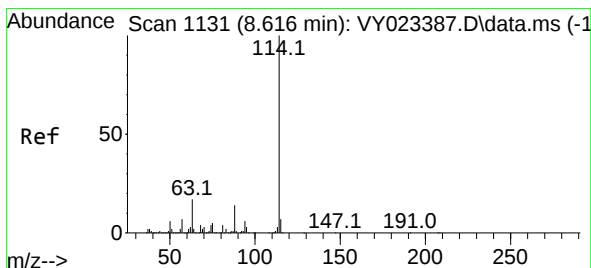
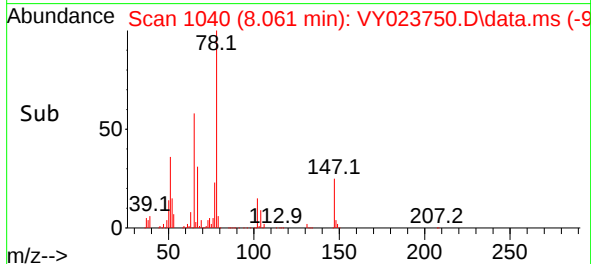
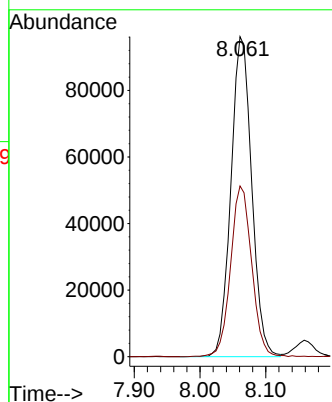
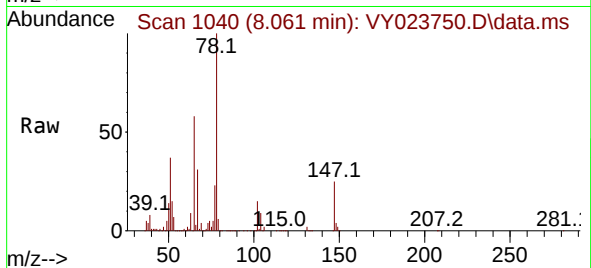
VSTDCCC050EC

Tgt Ion: 65 Resp: 211153

Ion Ratio Lower Upper

65 100

67 54.1 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: VY023750.D

Acq: 11 Nov 2025 19:08

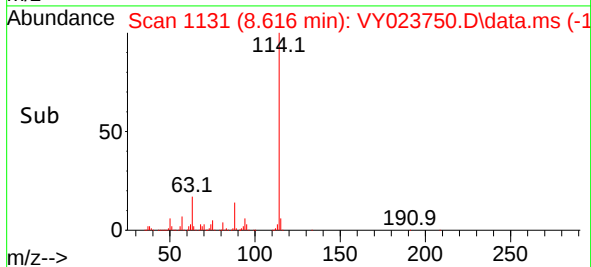
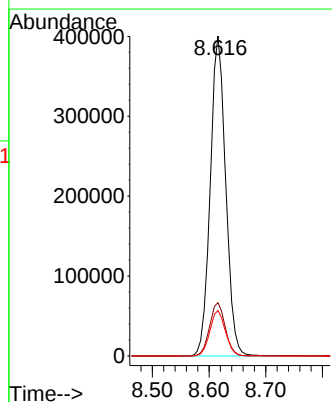
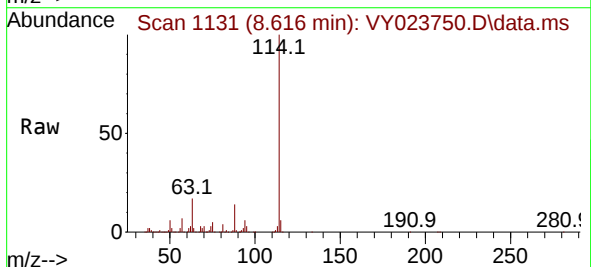
Tgt Ion: 114 Resp: 757182

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.2

88 14.2 0.0 28.4

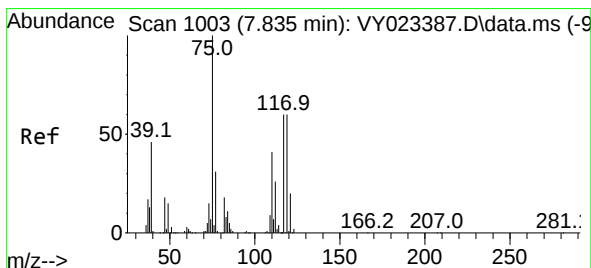
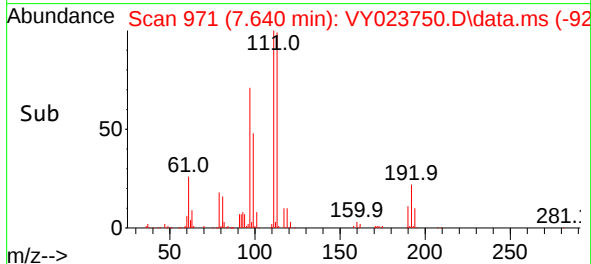
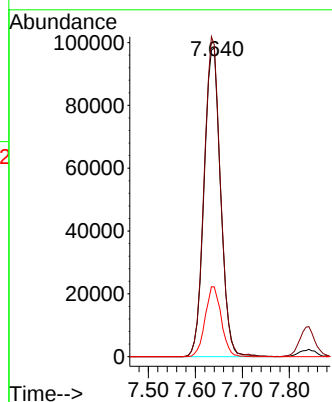
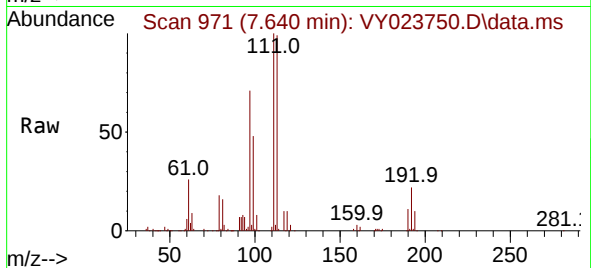




#35
Dibromofluoromethane
Concen: 51.506 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

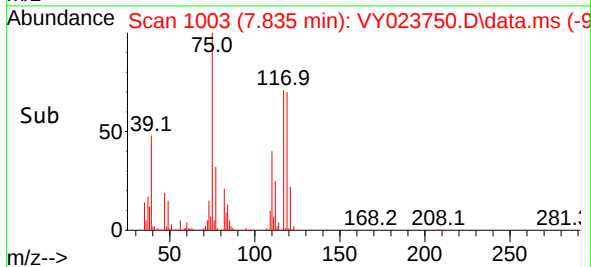
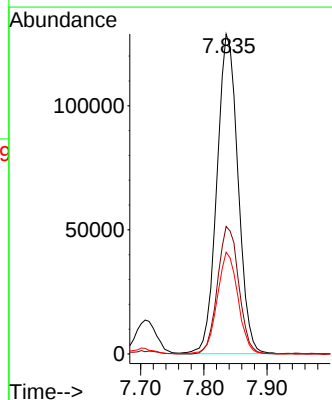
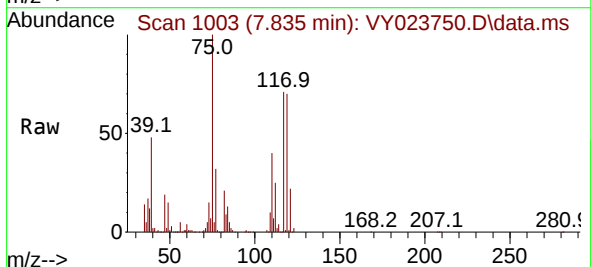
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

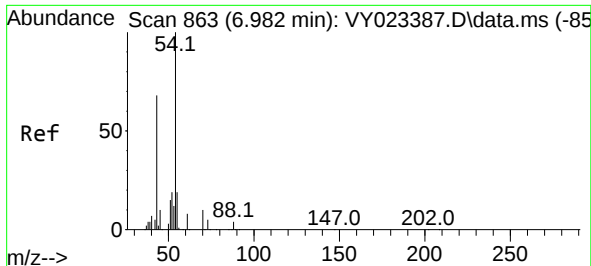
Tgt Ion:113 Resp: 239632
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 22.1 18.0 27.0



#36
1,1-Dichloropropene
Concen: 48.381 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 75 Resp: 298002
Ion Ratio Lower Upper
75 100
110 40.1 19.9 59.7
77 31.4 25.0 37.6





#37

Ethyl Acetate

Concen: 51.550 ug/l

RT: 6.988 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

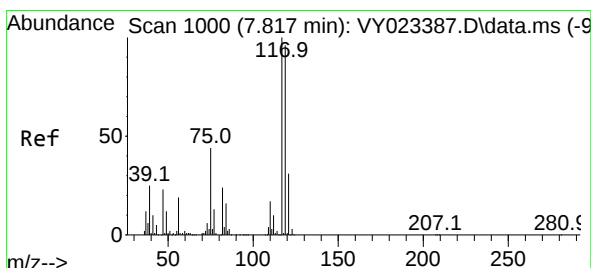
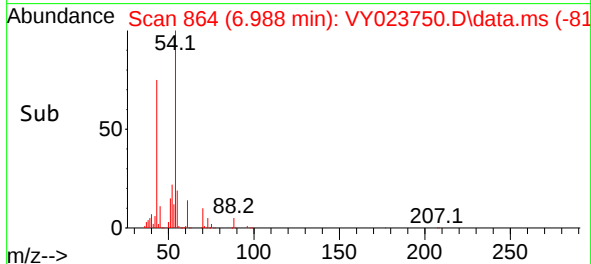
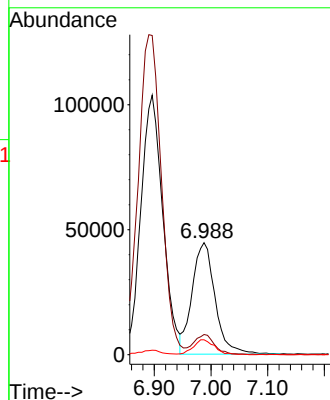
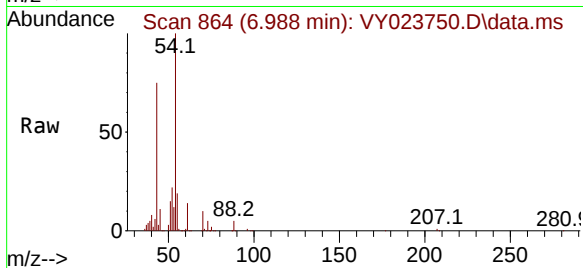
Tgt Ion: 43 Resp: 125793

Ion Ratio Lower Upper

43 100

61 15.5 11.8 17.8

70 12.4 10.5 15.7



#38

Carbon Tetrachloride

Concen: 47.751 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

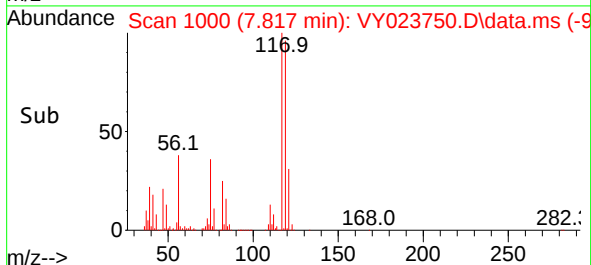
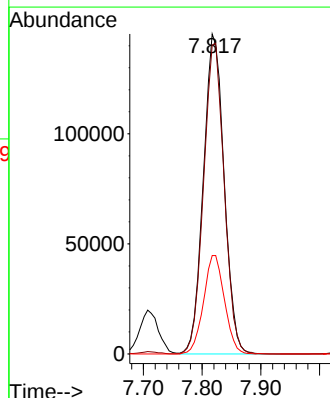
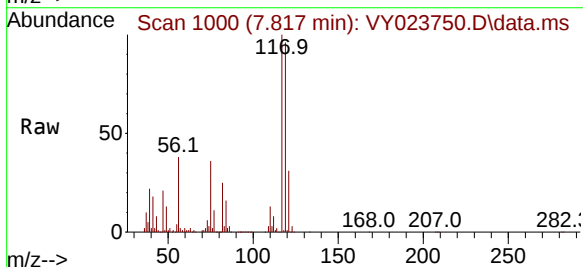
Tgt Ion: 117 Resp: 356637

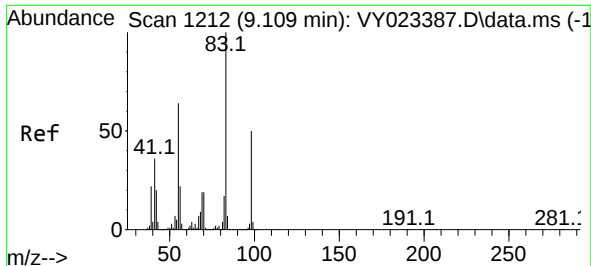
Ion Ratio Lower Upper

117 100

119 96.5 76.8 115.2

121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 48.426 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

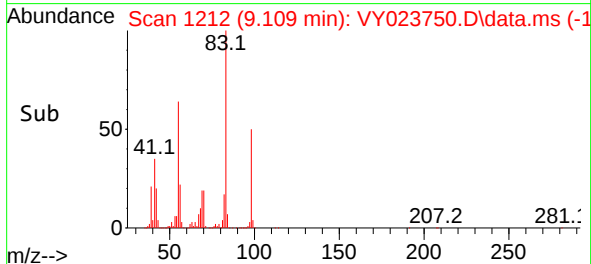
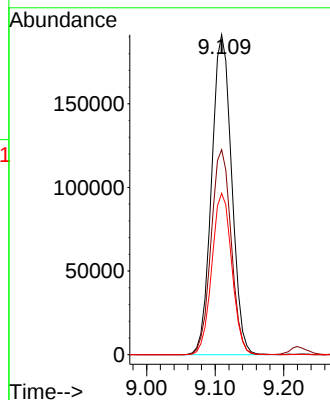
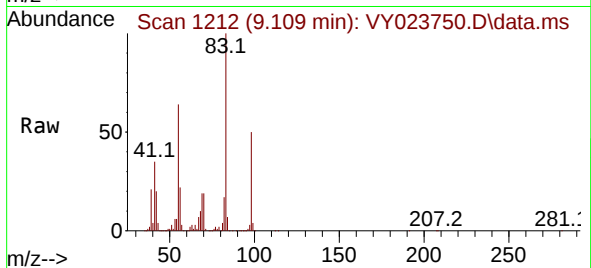
Tgt Ion: 83 Resp: 388365

Ion Ratio Lower Upper

83 100

55 64.1 51.4 77.2

98 50.4 40.4 60.6



#40

Benzene

Concen: 50.378 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023750.D

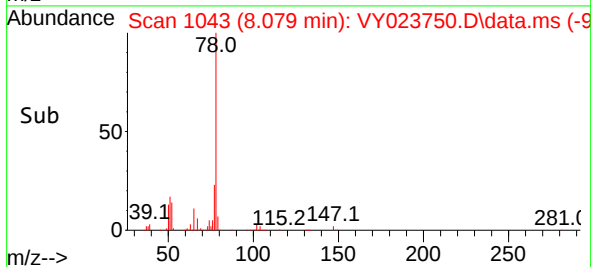
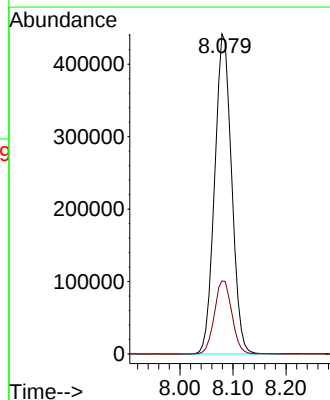
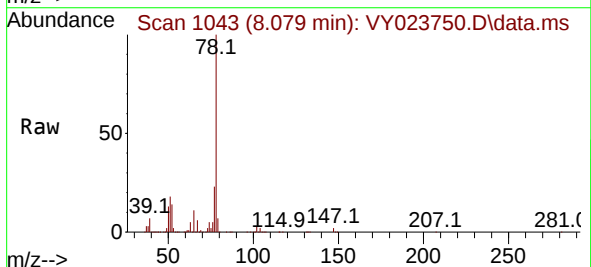
Acq: 11 Nov 2025 19:08

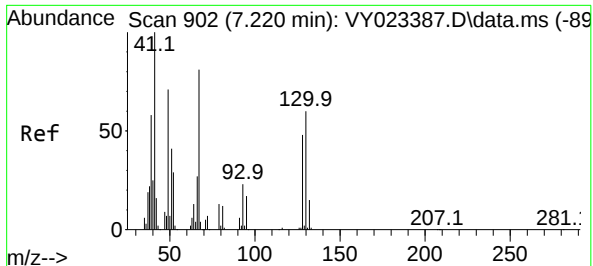
Tgt Ion: 78 Resp: 982709

Ion Ratio Lower Upper

78 100

77 22.8 18.3 27.5



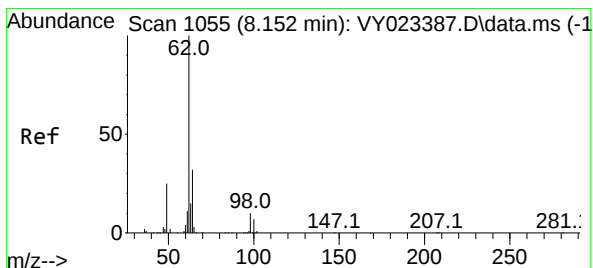
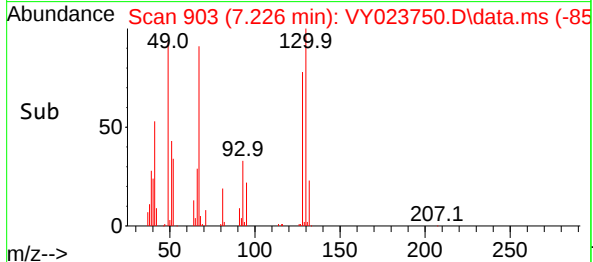
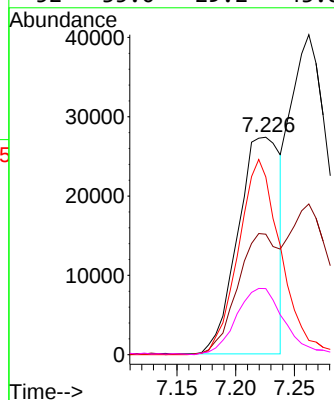
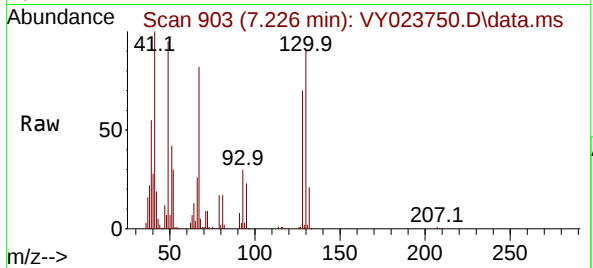


#41
Methacrylonitrile
Concen: 51.584 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 68079

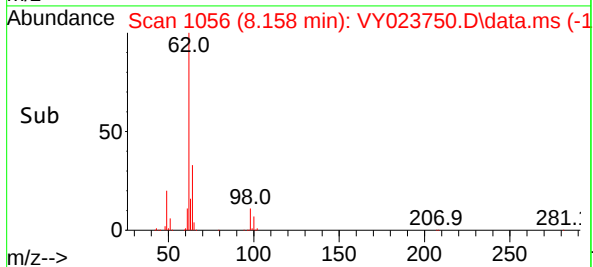
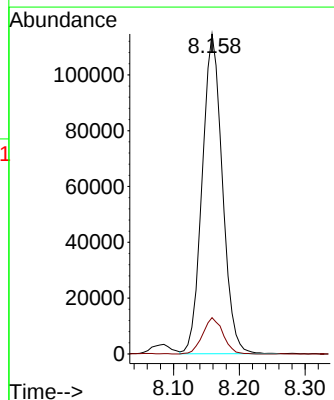
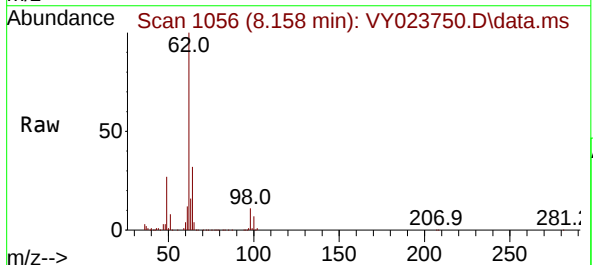
Ion	Ratio	Lower	Upper
41	100		
39	55.4	52.2	78.4
67	91.3	74.9	112.3
52	35.0	29.2	43.8

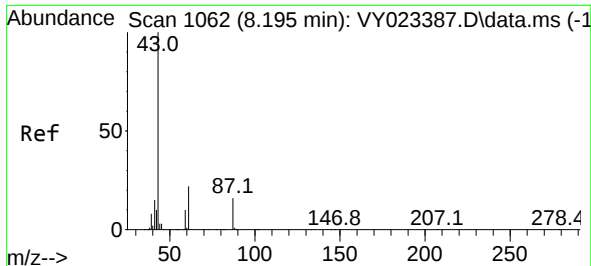


#42
1,2-Dichloroethane
Concen: 48.610 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 62 Resp: 244545

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.6

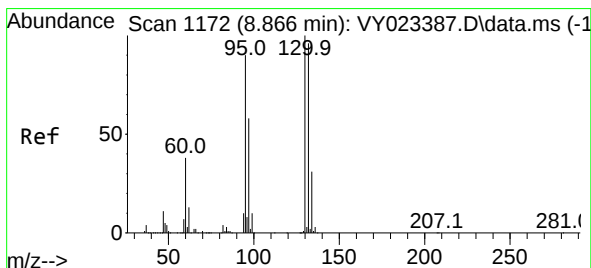
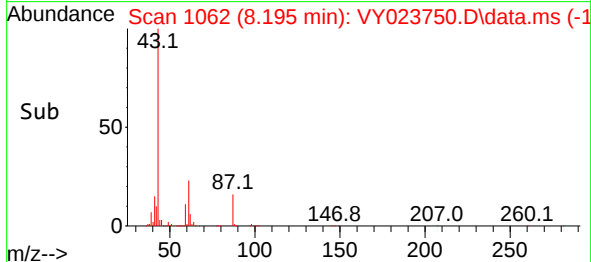
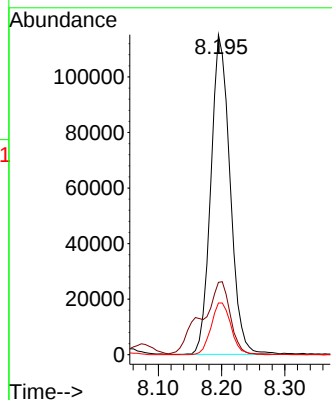
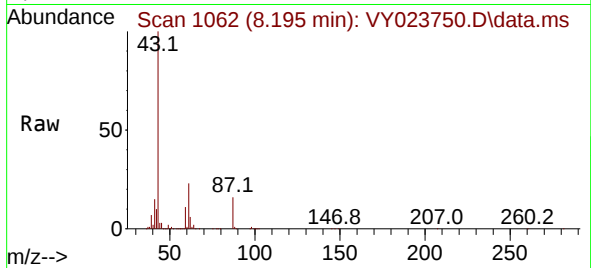




#43
Isopropyl Acetate
Concen: 49.887 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

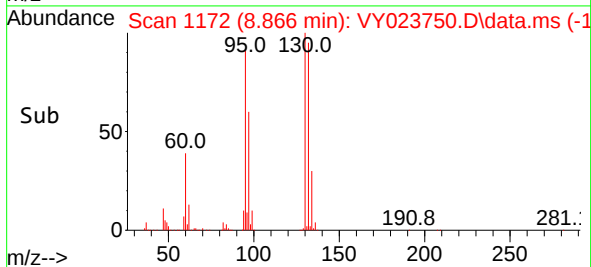
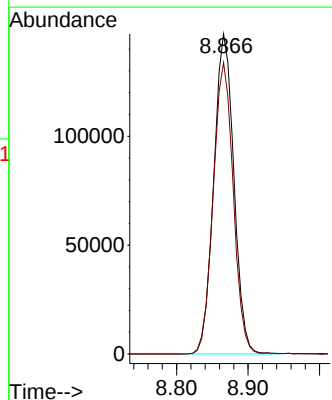
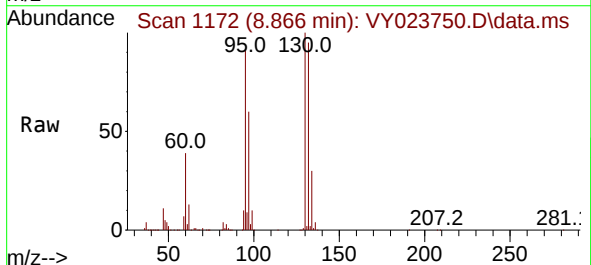
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

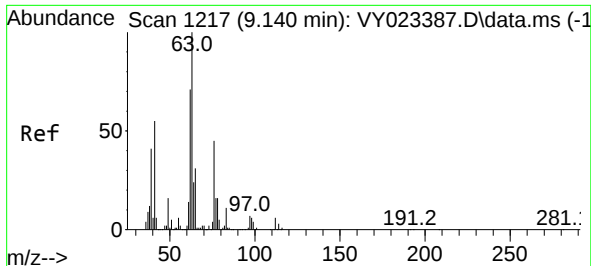
Tgt Ion: 43 Resp: 242743
Ion Ratio Lower Upper
43 100
61 34.4 18.1 27.1#
87 16.8 13.5 20.3



#44
Trichloroethene
Concen: 50.191 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion:130 Resp: 286555
Ion Ratio Lower Upper
130 100
95 91.1 0.0 180.6





#45

1,2-Dichloropropane

Concen: 50.707 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

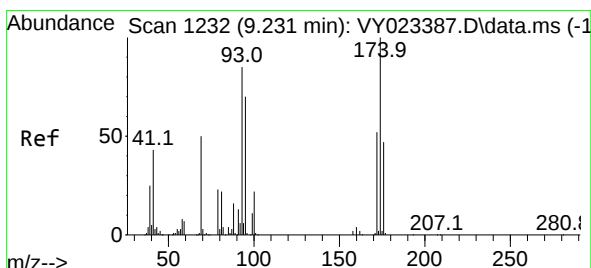
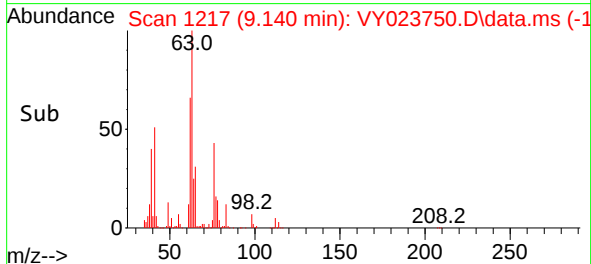
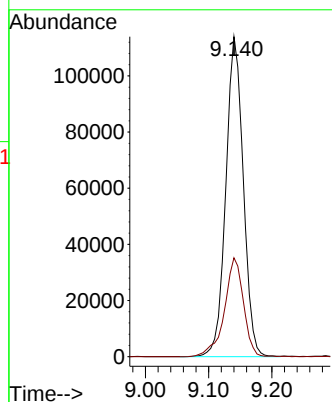
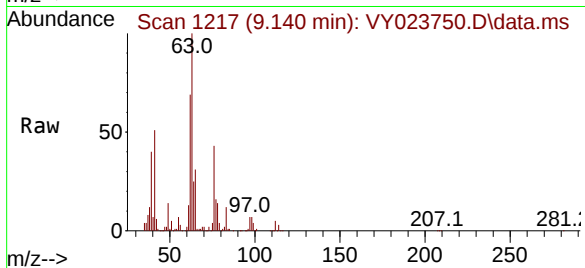
VSTDCCC050EC

Tgt Ion: 63 Resp: 218474

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 50.868 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

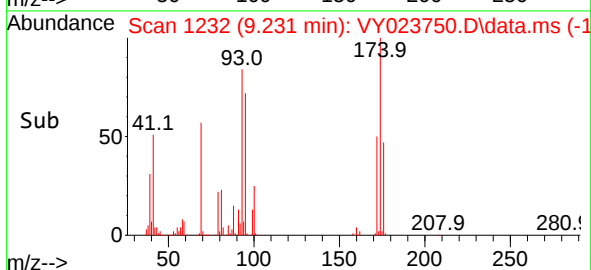
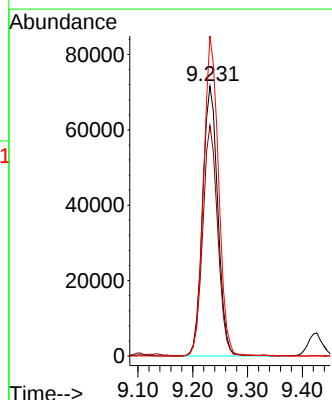
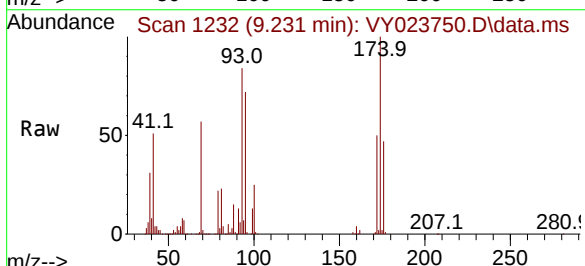
Tgt Ion: 93 Resp: 138585

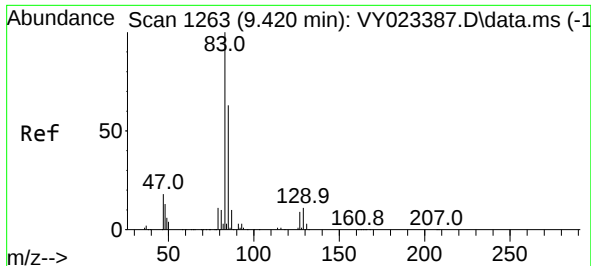
Ion Ratio Lower Upper

93 100

95 83.5 65.4 98.0

174 115.8 92.9 139.3

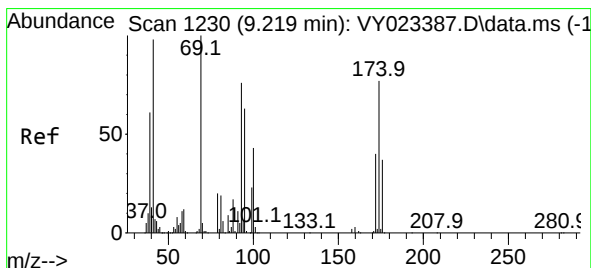
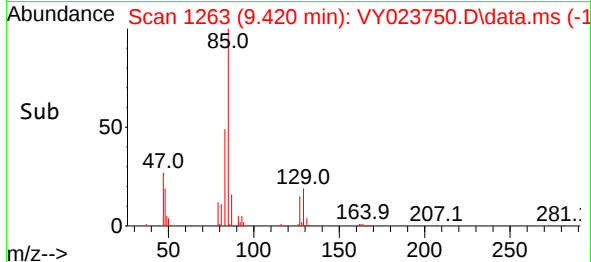
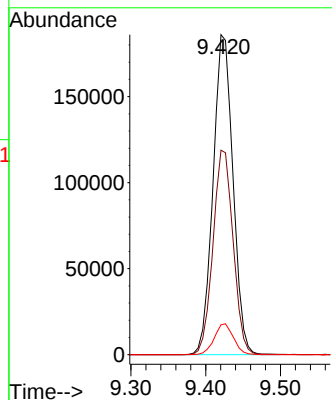
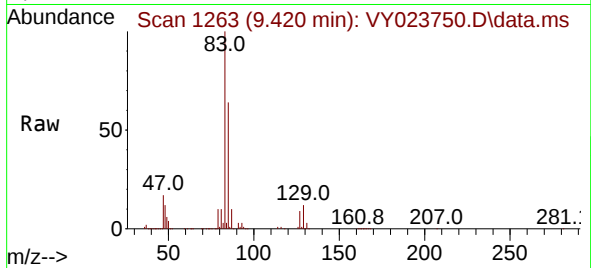




#47
Bromodichloromethane
Concen: 50.354 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

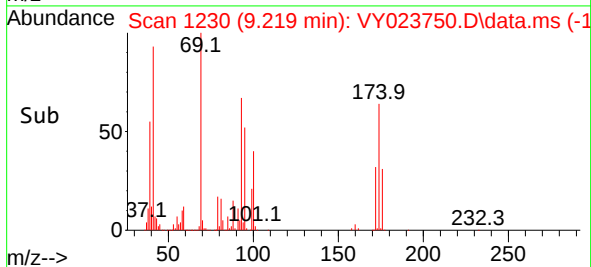
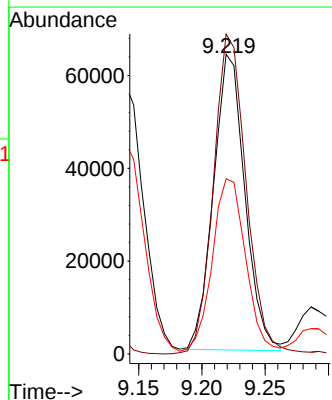
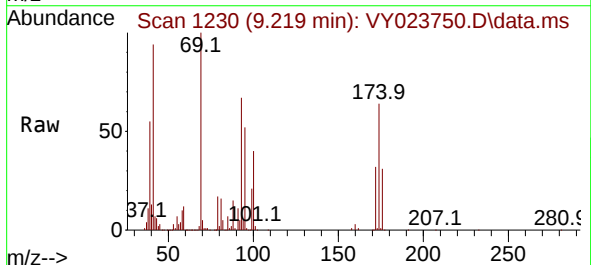
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 345503
Ion Ratio Lower Upper
83 100
85 63.9 50.8 76.2
127 9.4 7.4 11.2



#48
Methyl methacrylate
Concen: 48.271 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 41 Resp: 110343
Ion Ratio Lower Upper
41 100
69 112.7 81.0 121.4
39 61.4 48.2 72.4





#49

1,4-Dioxane

Concen: 949.966 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

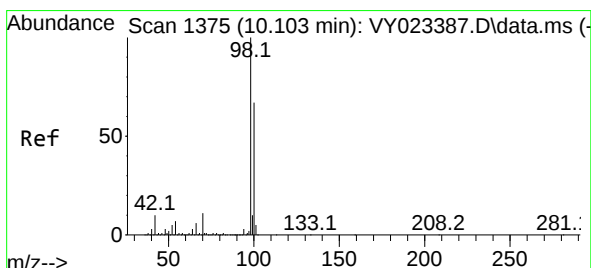
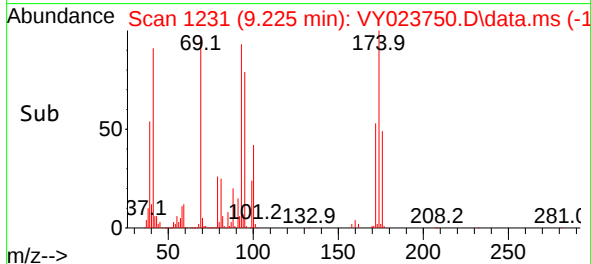
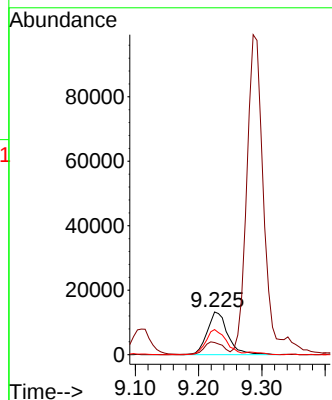
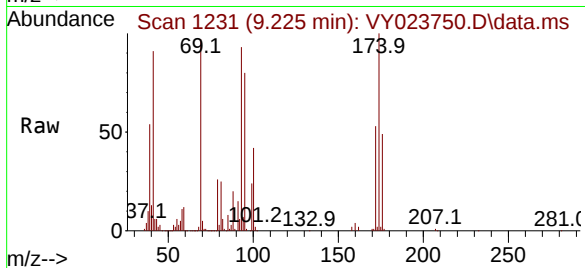
Tgt Ion: 88 Resp: 30007

Ion Ratio Lower Upper

88 100

43 26.7 21.8 32.8

58 57.6 46.8 70.2



#50

Toluene-d8

Concen: 52.333 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023750.D

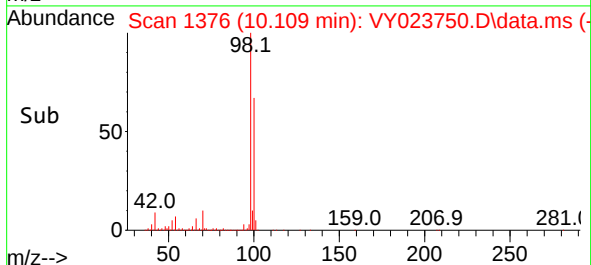
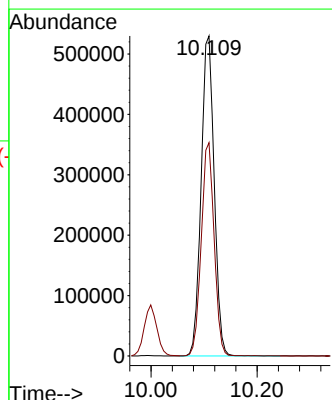
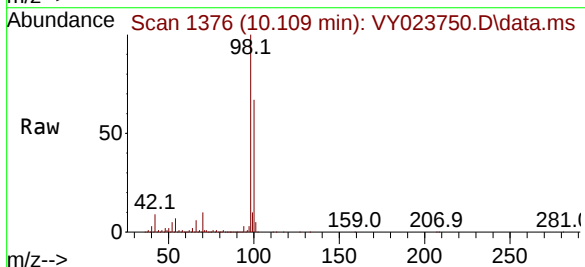
Acq: 11 Nov 2025 19:08

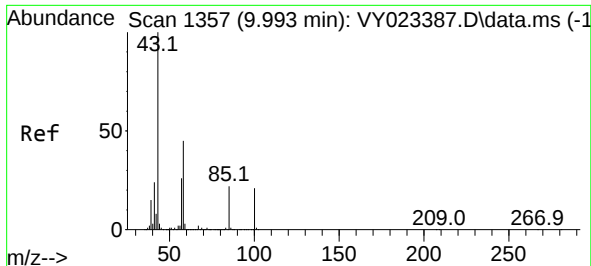
Tgt Ion: 98 Resp: 906752

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 255.465 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

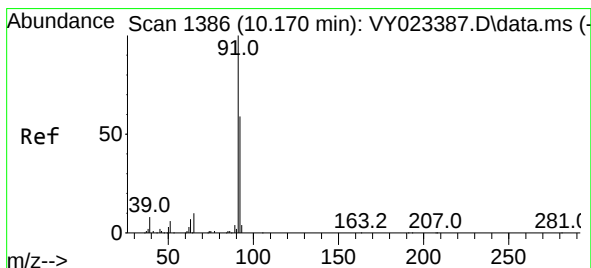
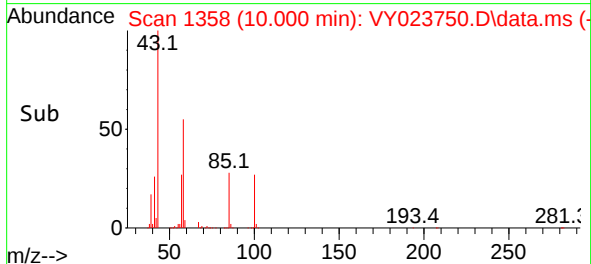
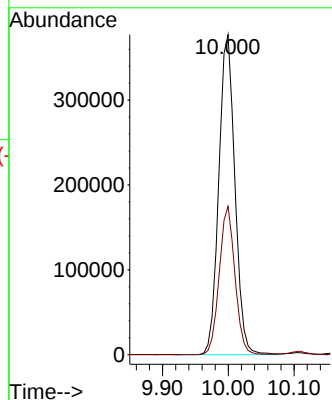
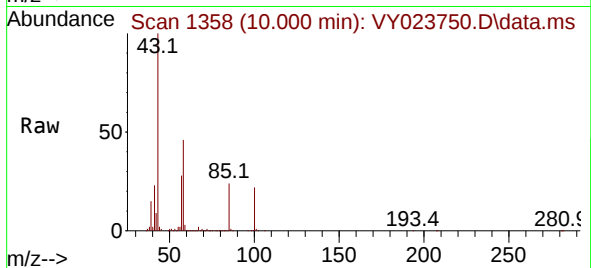
VSTDCCC050EC

Tgt Ion: 43 Resp: 642241

Ion Ratio Lower Upper

43 100

58 45.2 35.3 52.9



#52

Toluene

Concen: 51.131 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023750.D

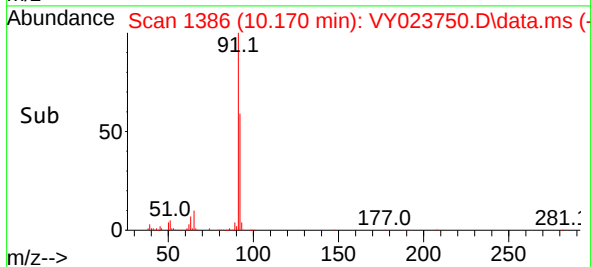
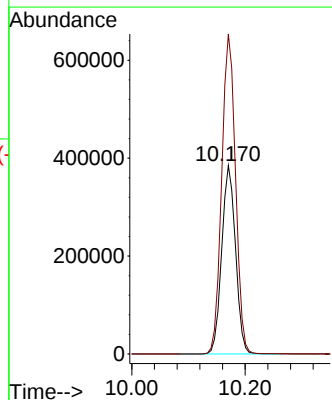
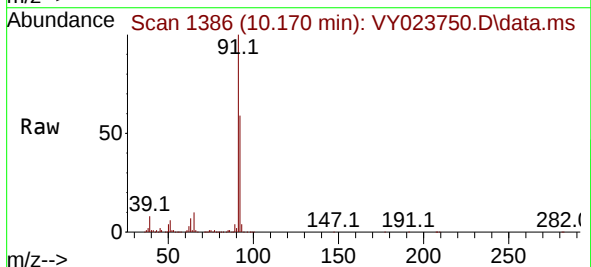
Acq: 11 Nov 2025 19:08

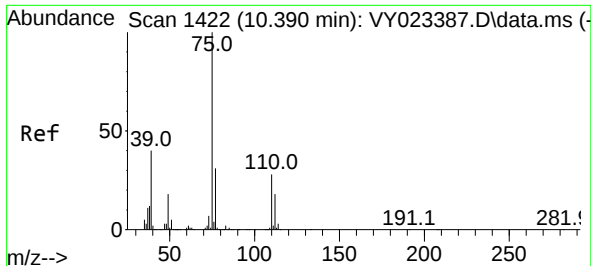
Tgt Ion: 92 Resp: 647593

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6

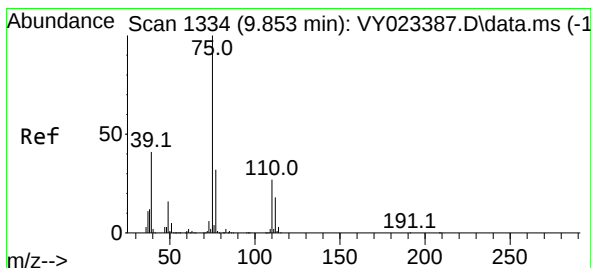
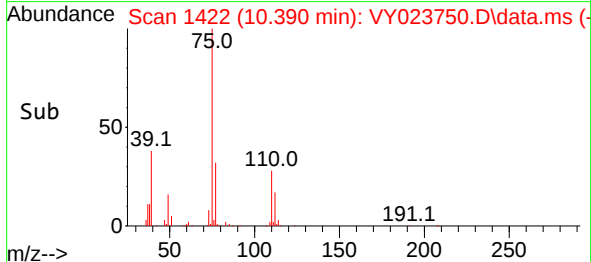
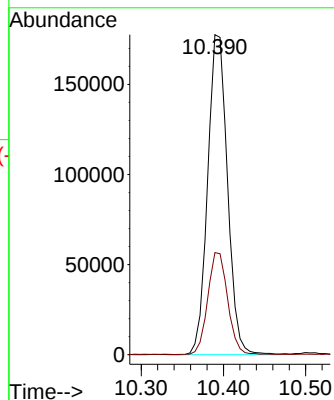
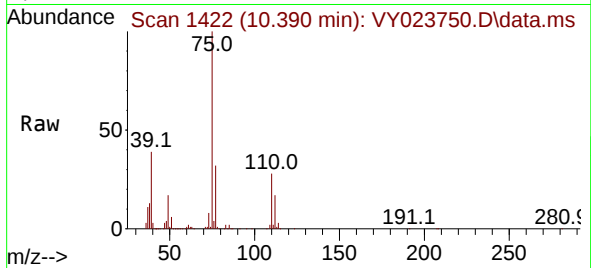




#53
t-1,3-Dichloropropene
Concen: 49.904 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

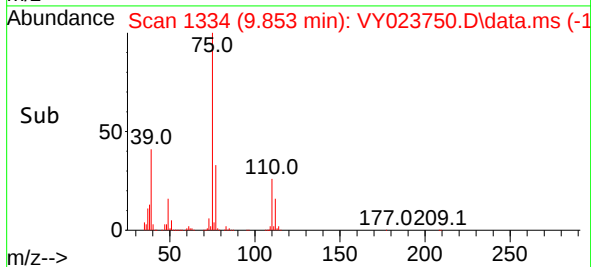
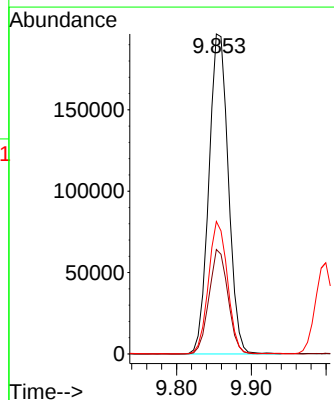
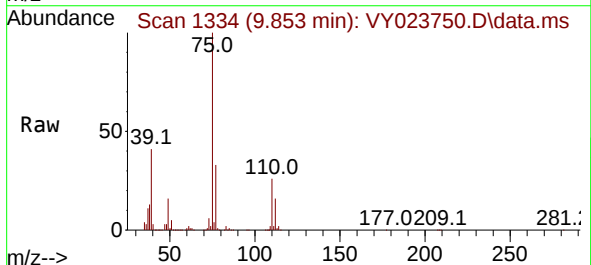
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

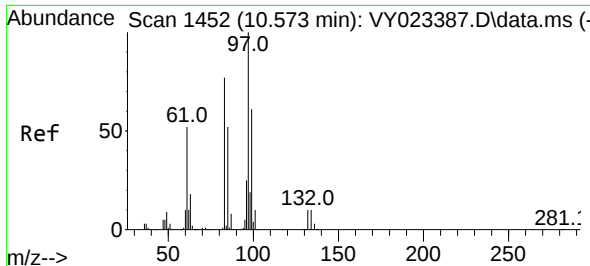
Tgt Ion: 75 Resp: 297735
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 50.467 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 75 Resp: 355365
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 41.3 32.8 49.2

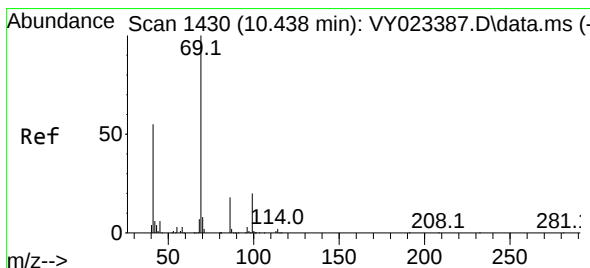
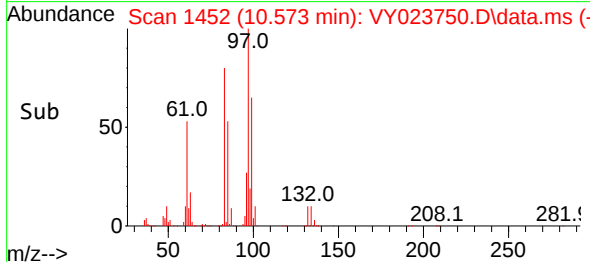
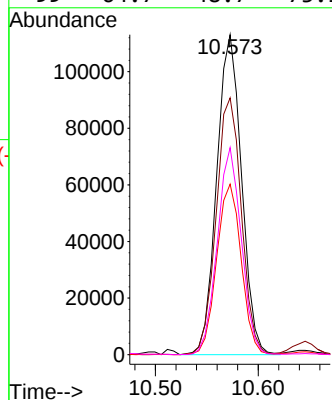
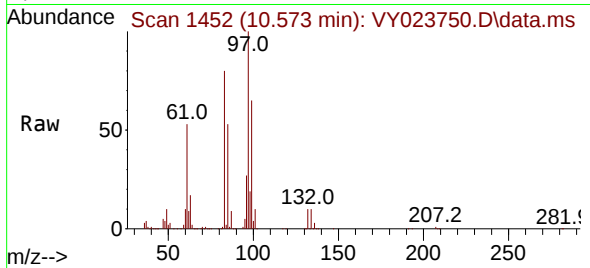




#55
1,1,2-Trichloroethane
Concen: 51.791 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

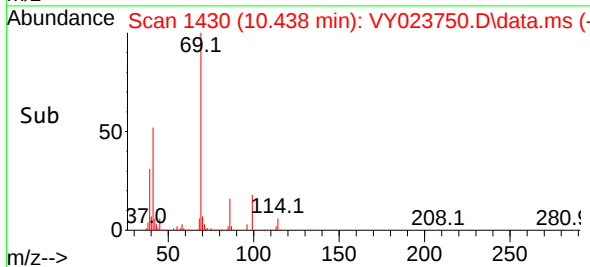
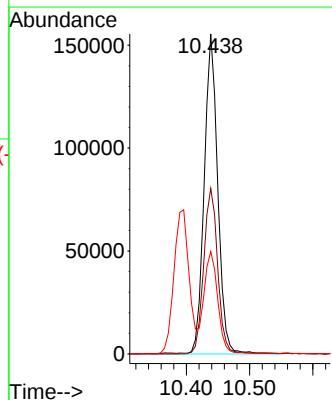
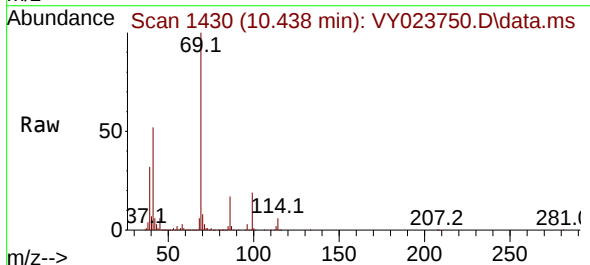
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

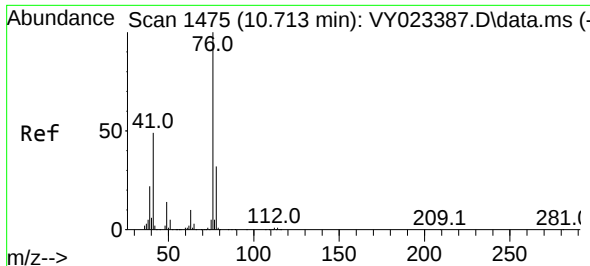
Tgt Ion:	97	Resp:	189743
Ion	Ratio	Lower	Upper
97	100		
83	80.2	61.8	92.6
85	53.3	41.3	61.9
99	64.7	48.7	73.1



#56
Ethyl methacrylate
Concen: 54.809 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion:	69	Resp:	231628
Ion	Ratio	Lower	Upper
69	100		
41	53.2	44.6	67.0
39	33.2	27.0	40.4

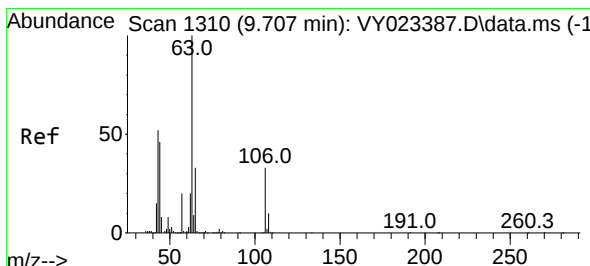
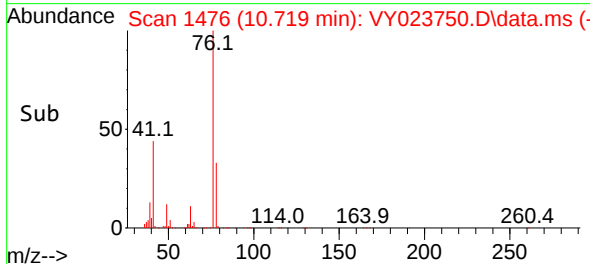
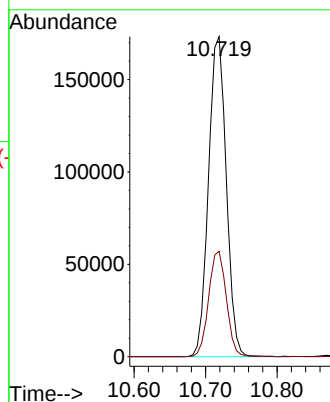
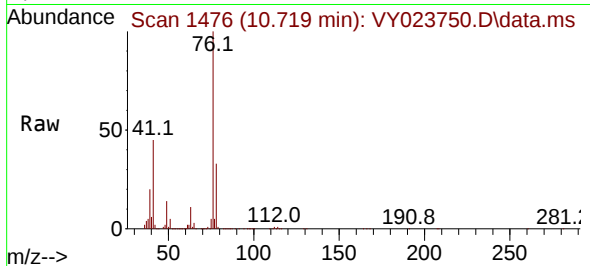




#57
1,3-Dichloropropane
Concen: 51.563 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

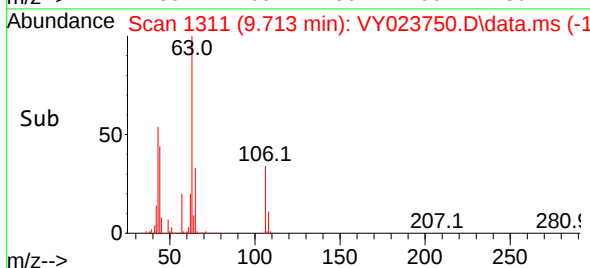
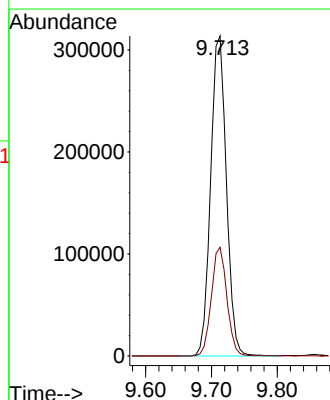
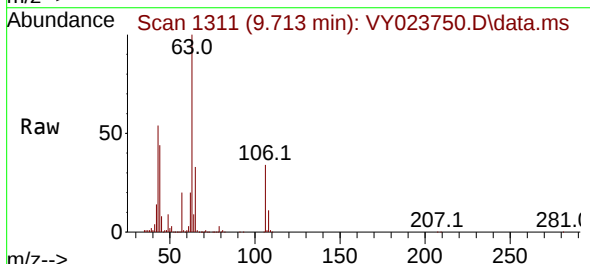
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

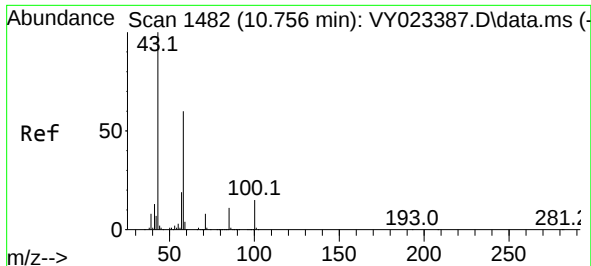
Tgt Ion: 76 Resp: 299347
Ion Ratio Lower Upper
76 100
78 32.7 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 276.116 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 63 Resp: 522732
Ion Ratio Lower Upper
63 100
106 33.5 26.6 39.8

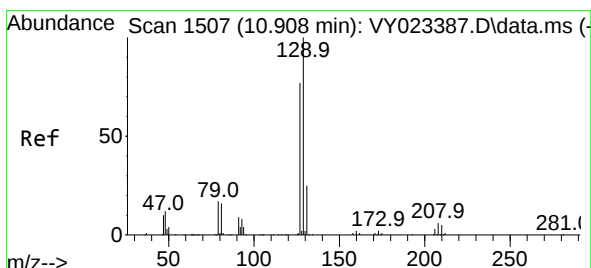
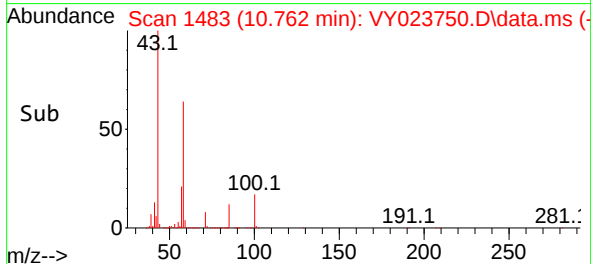
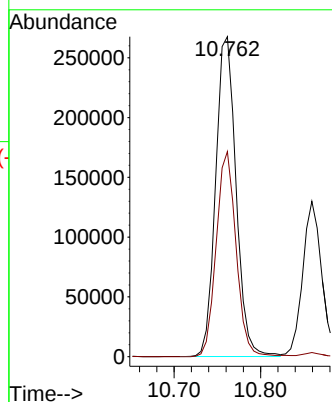
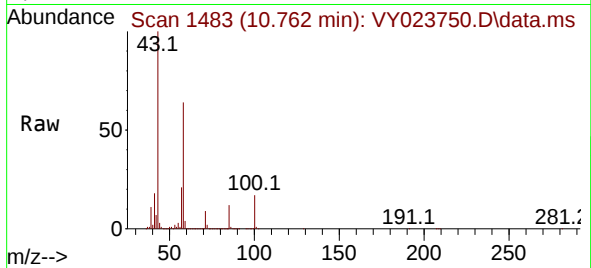




#59
2-Hexanone
Concen: 244.028 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

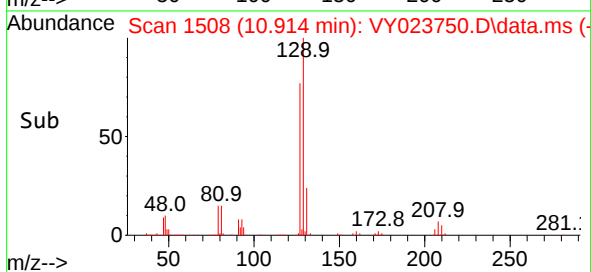
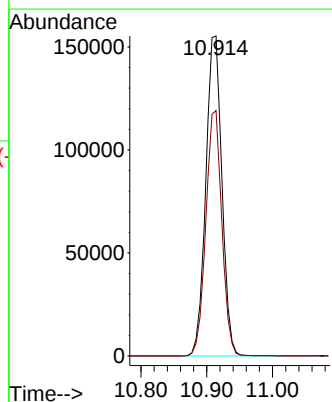
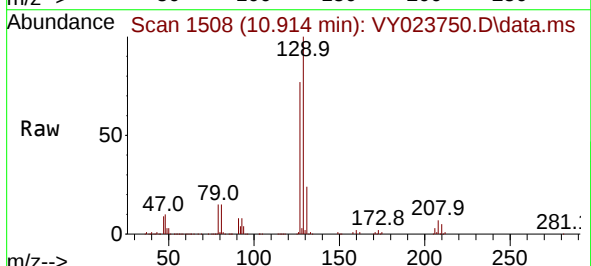
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

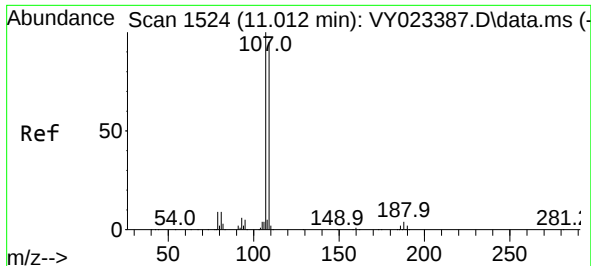
Tgt Ion: 43 Resp: 438426
Ion Ratio Lower Upper
43 100
58 62.6 30.5 91.5



#60
Dibromochloromethane
Concen: 51.591 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 129 Resp: 264996
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7

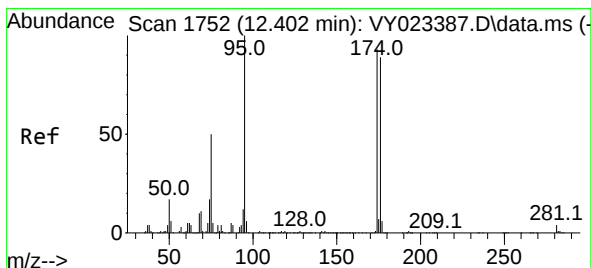
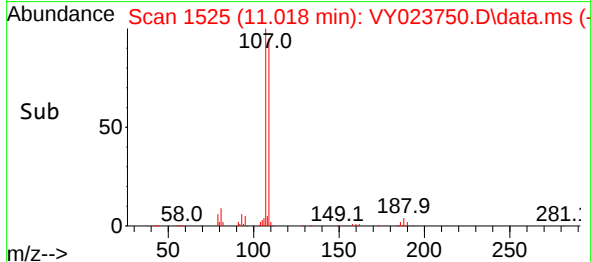
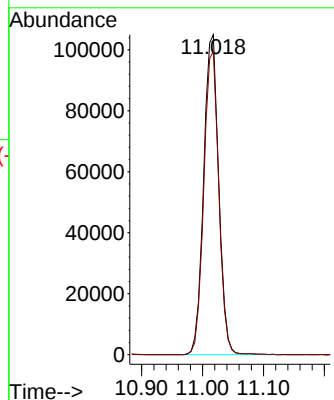
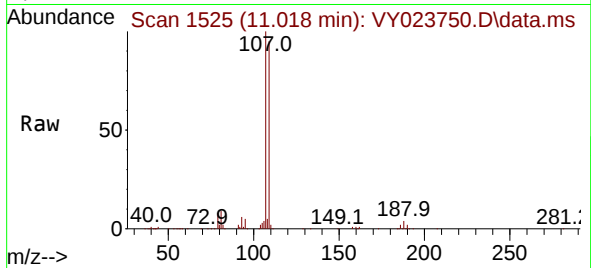




#61
1,2-Dibromoethane
Concen: 51.633 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

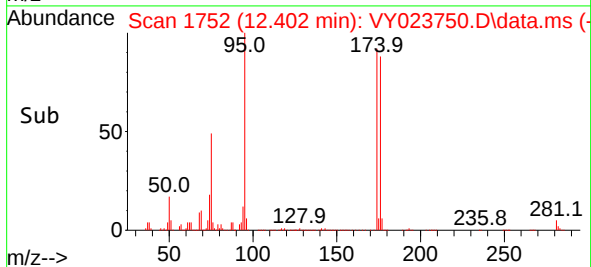
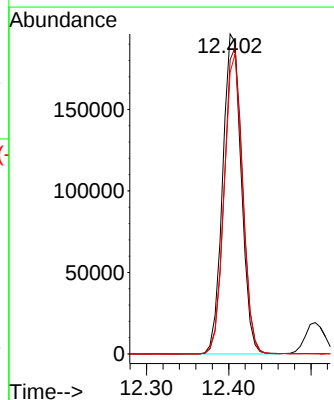
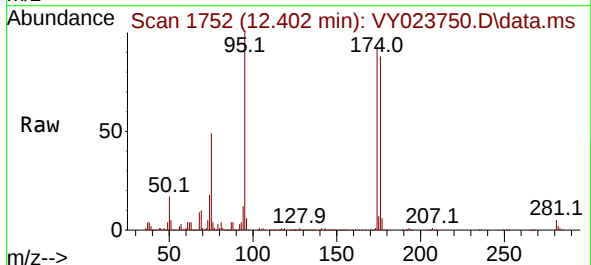
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

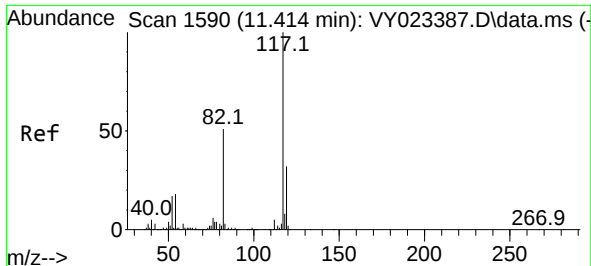
Tgt Ion:107 Resp: 180406
Ion Ratio Lower Upper
107 100
109 94.3 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 53.971 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 95 Resp: 308729
Ion Ratio Lower Upper
95 100
174 95.2 0.0 192.8
176 92.1 0.0 187.6

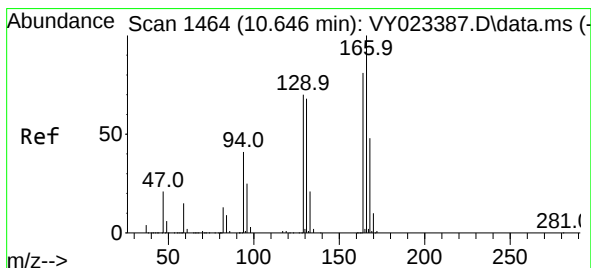
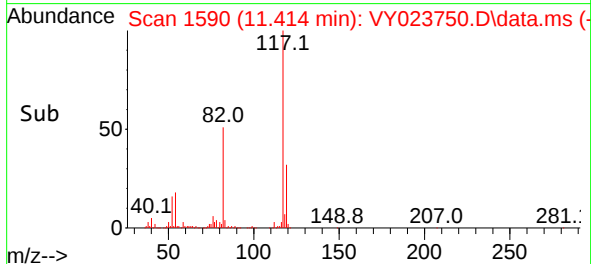
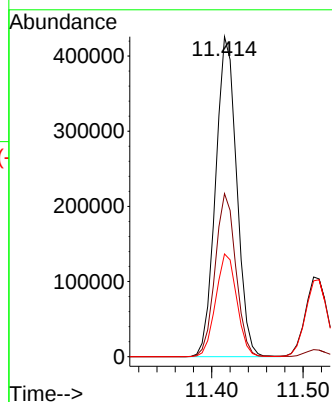
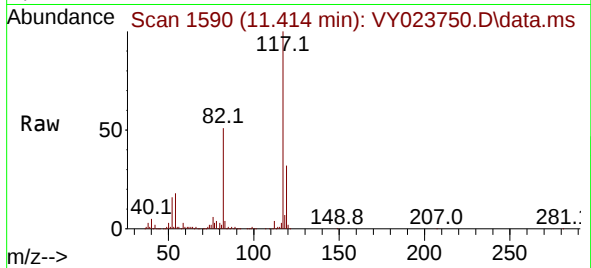




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

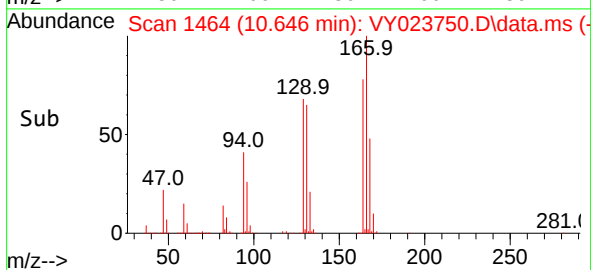
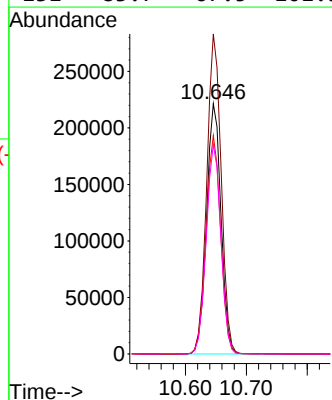
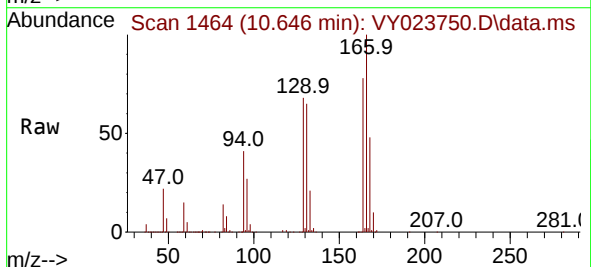
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

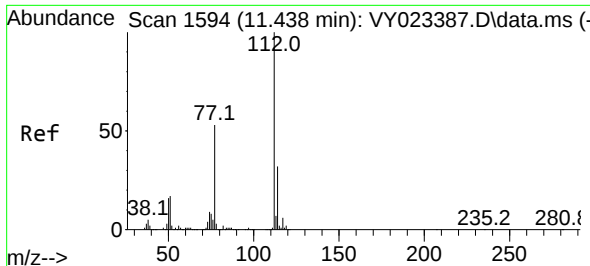
Tgt Ion:117 Resp: 682585
Ion Ratio Lower Upper
117 100
82 51.0 41.0 61.4
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 51.768 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion:164 Resp: 364859
Ion Ratio Lower Upper
164 100
166 127.9 99.4 149.0
129 87.3 69.4 104.2
131 83.7 67.5 101.3

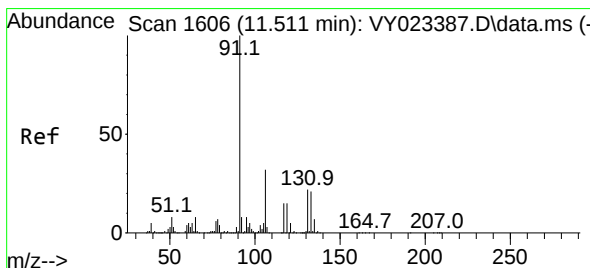
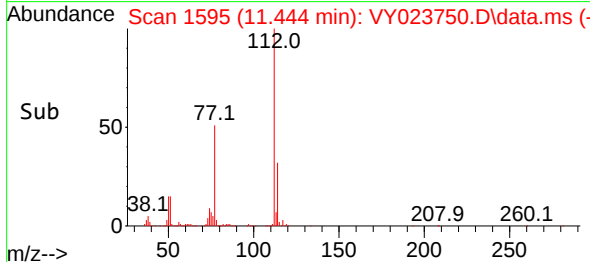
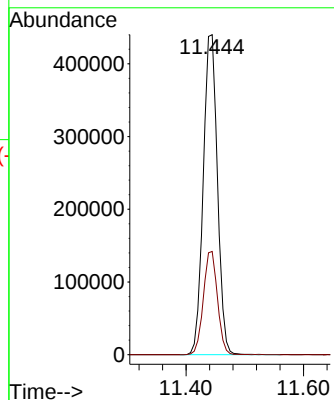
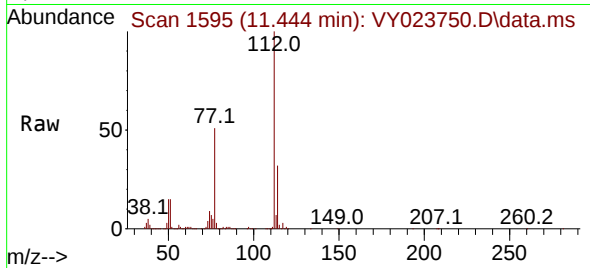




#65
Chlorobenzene
Concen: 49.787 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

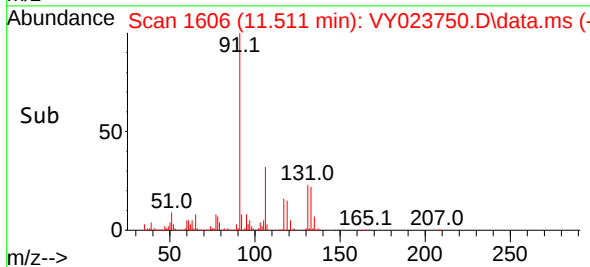
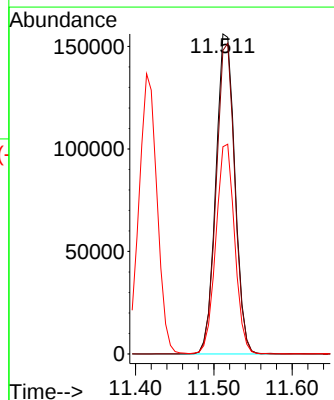
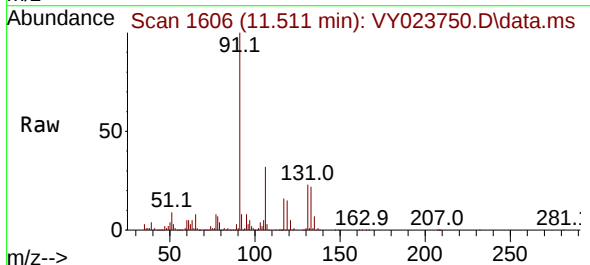
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

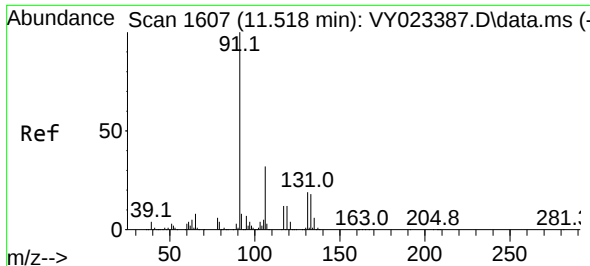
Tgt Ion:112 Resp: 739129
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.681 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion:131 Resp: 262833
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.2
119 65.0 32.4 97.2

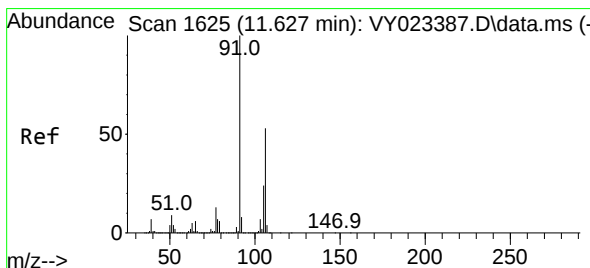
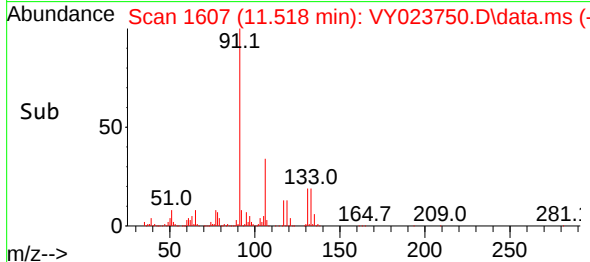
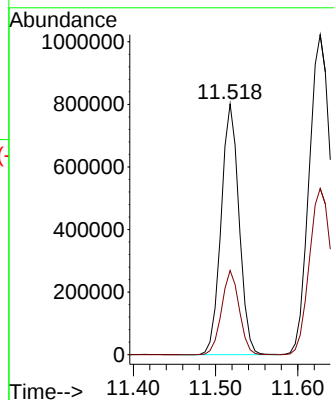
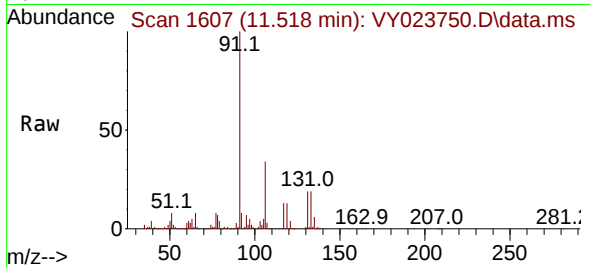




#67
Ethyl Benzene
Concen: 50.544 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

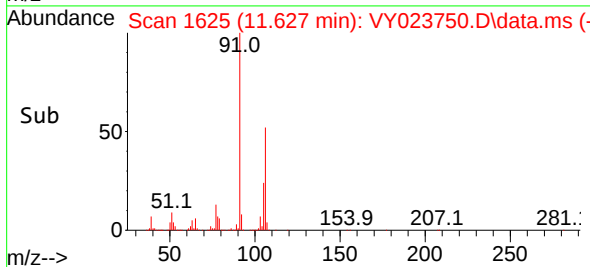
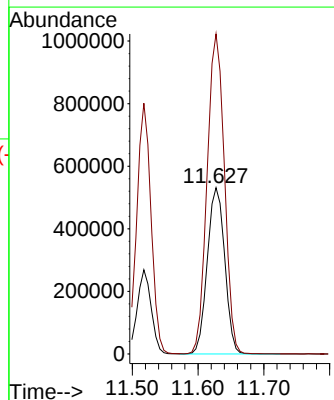
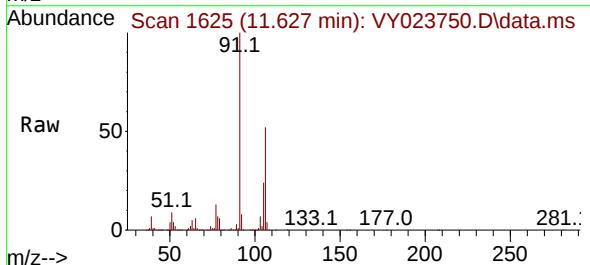
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

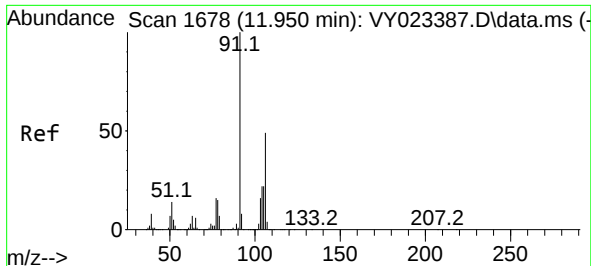
Tgt Ion: 91 Resp: 1214632
Ion Ratio Lower Upper
91 100
106 33.6 25.8 38.8



#68
m/p-Xylenes
Concen: 101.465 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion:106 Resp: 977996
Ion Ratio Lower Upper
106 100
91 191.1 152.6 229.0

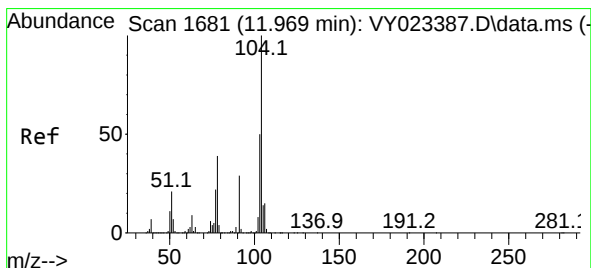
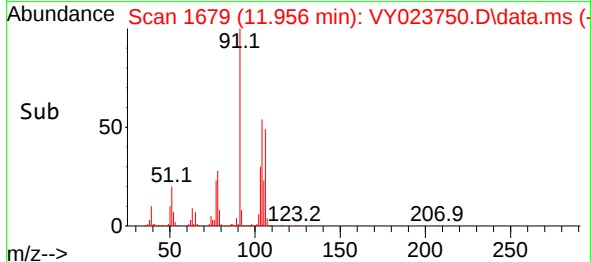
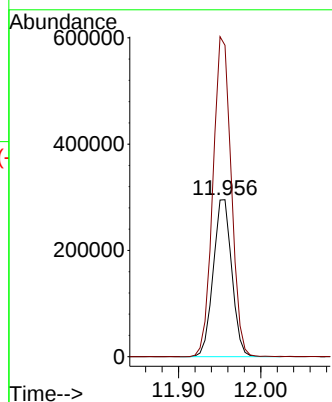
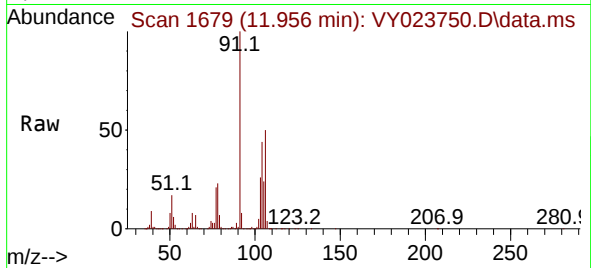




#69
o-Xylene
Concen: 51.289 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

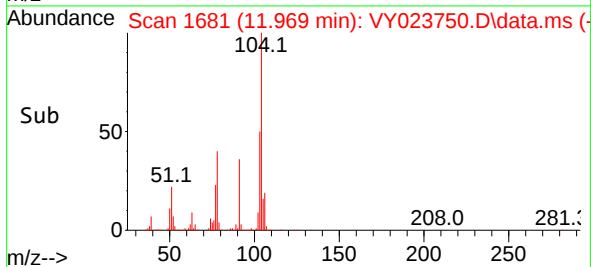
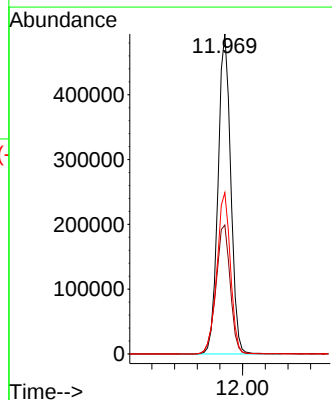
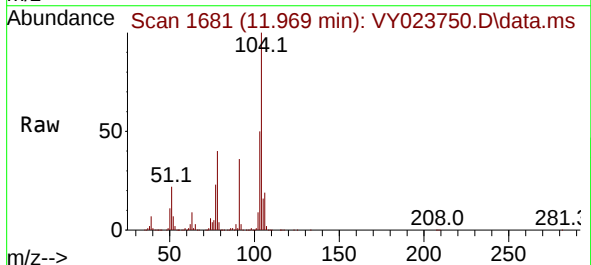
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

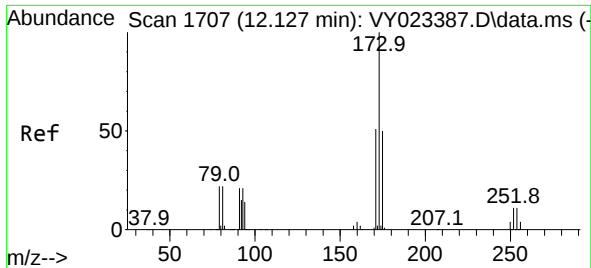
Tgt Ion:106 Resp: 463695
Ion Ratio Lower Upper
106 100
91 200.7 101.4 304.1



#70
Styrene
Concen: 51.691 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion:104 Resp: 768500
Ion Ratio Lower Upper
104 100
78 44.9 36.1 54.1
103 53.9 43.2 64.8

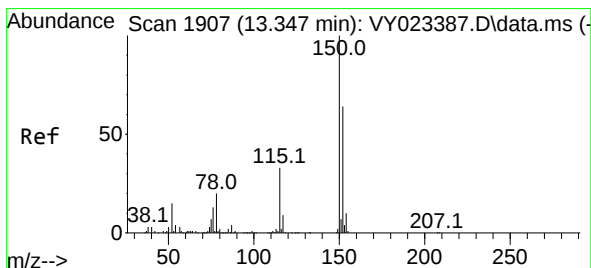
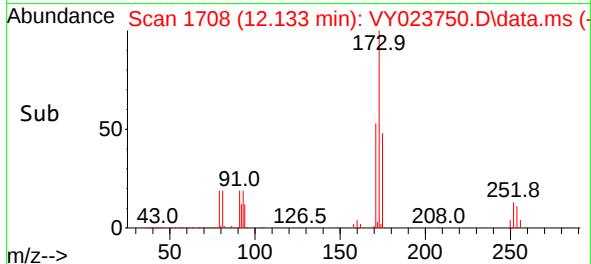
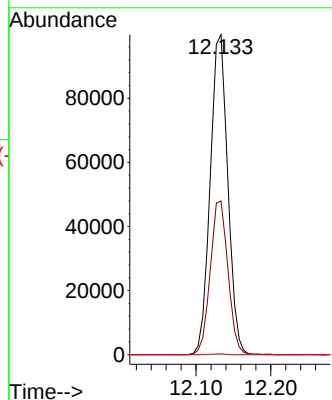
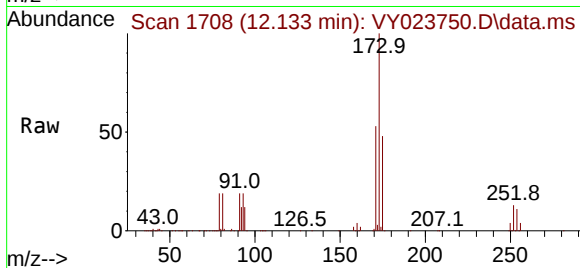




#71
Bromoform
Concen: 49.716 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

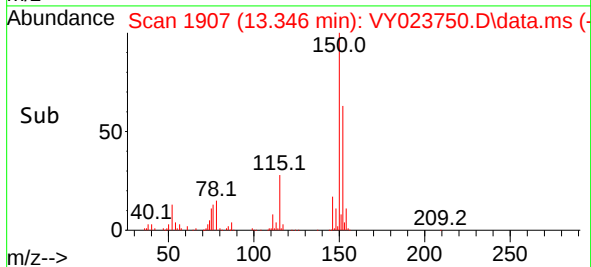
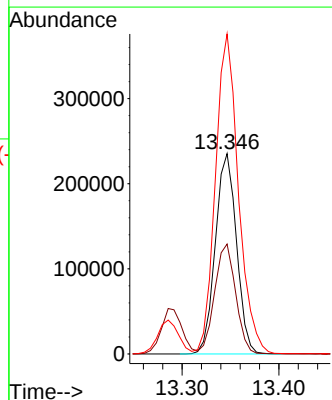
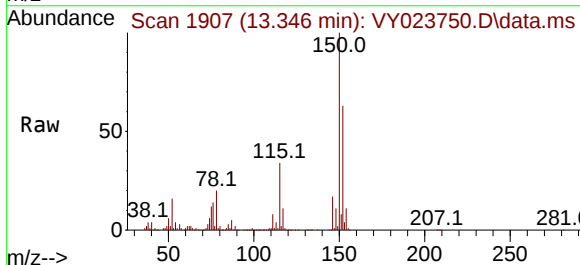
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

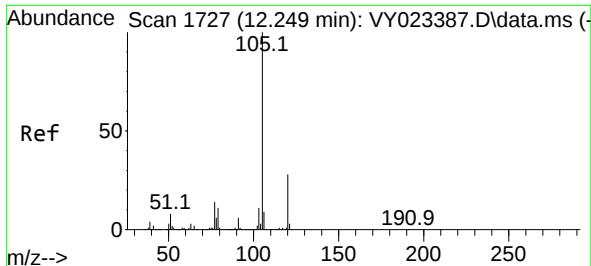
Tgt Ion:173 Resp: 163149
Ion Ratio Lower Upper
173 100
175 48.4 24.8 74.3
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion:152 Resp: 357006
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.2
150 174.1 0.0 347.4

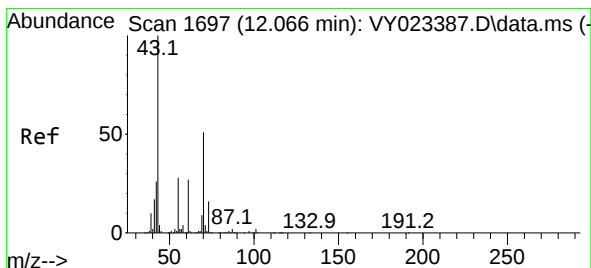
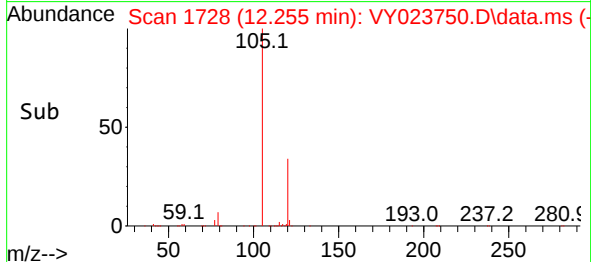
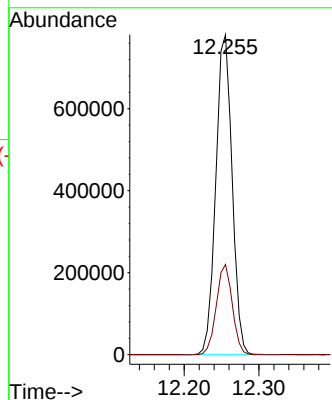
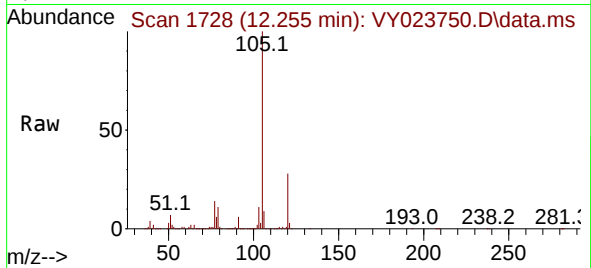




#73
Isopropylbenzene
Concen: 50.170 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

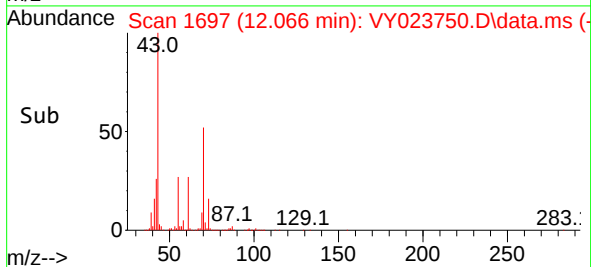
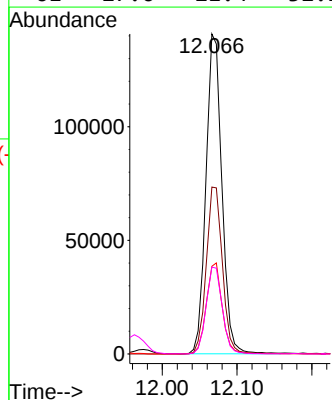
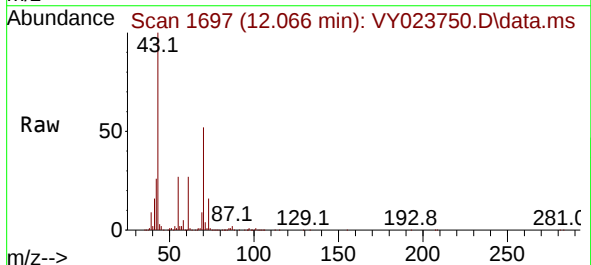
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

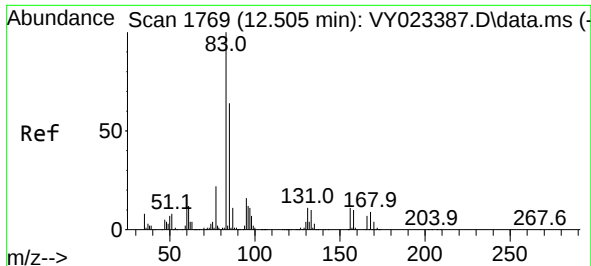
Tgt Ion:105 Resp: 1180360
Ion Ratio Lower Upper
105 100
120 27.7 13.9 41.7



#74
N-ethyl acetate
Concen: 49.228 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 43 Resp: 208029
Ion Ratio Lower Upper
43 100
70 53.0 41.1 61.7
55 28.6 23.0 34.6
61 27.6 21.4 32.2

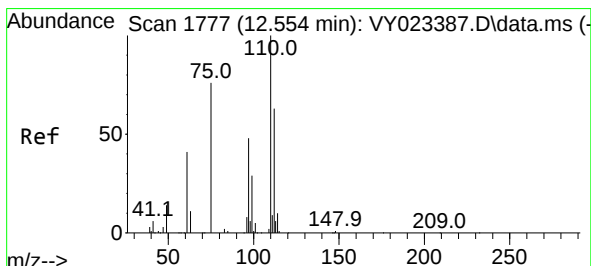
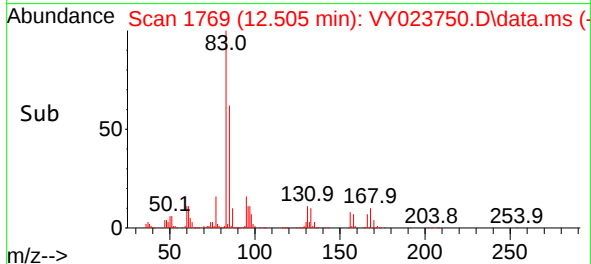
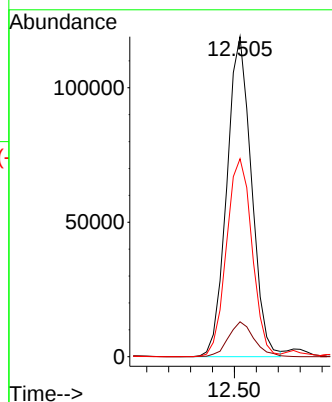
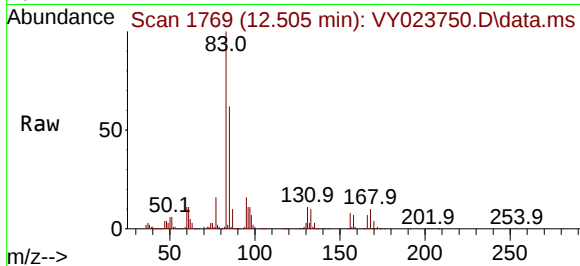




#75
1,1,2,2-Tetrachloroethane
Concen: 48.288 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

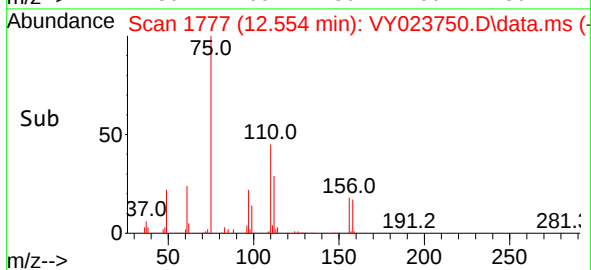
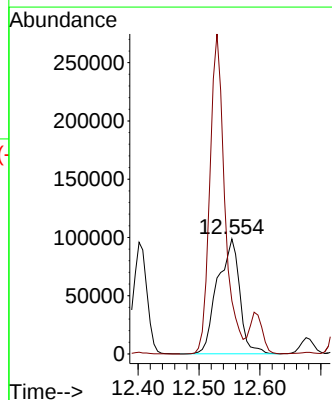
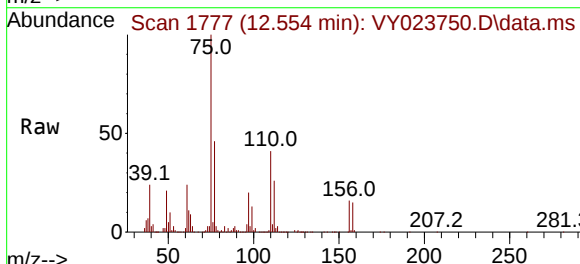
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

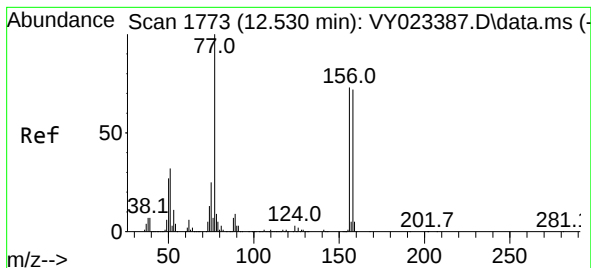
Tgt Ion: 83 Resp: 185815
Ion Ratio Lower Upper
83 100
131 11.4 5.9 17.6
85 64.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 79.083 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 75 Resp: 249092
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.872 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

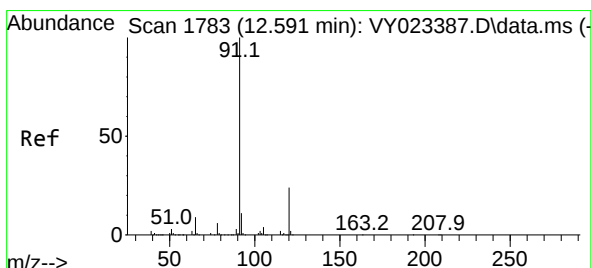
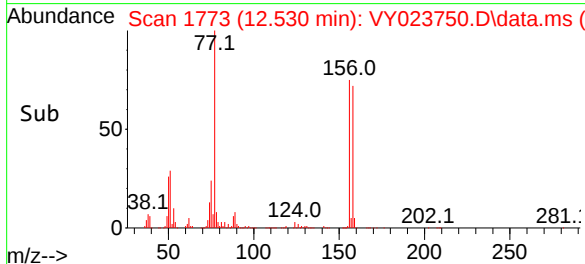
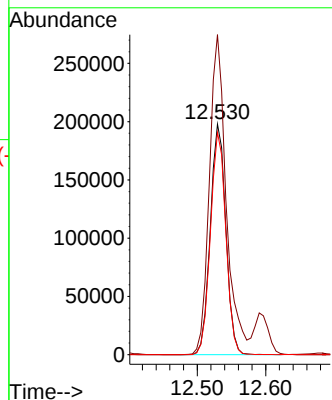
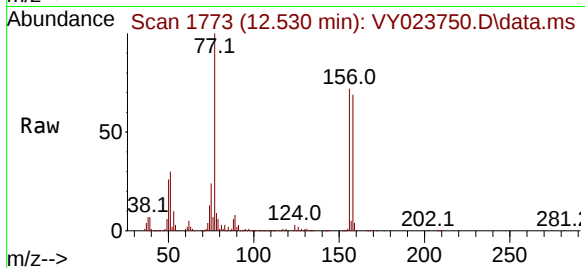
Tgt Ion:156 Resp: 311937

Ion Ratio Lower Upper

156 100

77 150.6 76.8 230.5

158 95.7 49.0 147.2



#78

n-propylbenzene

Concen: 49.915 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023750.D

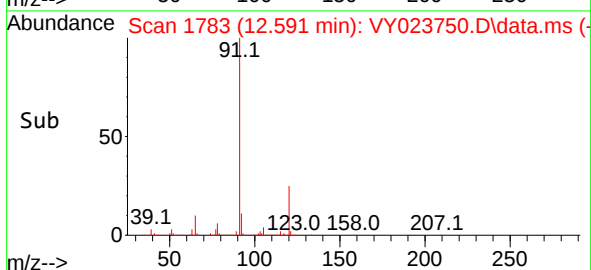
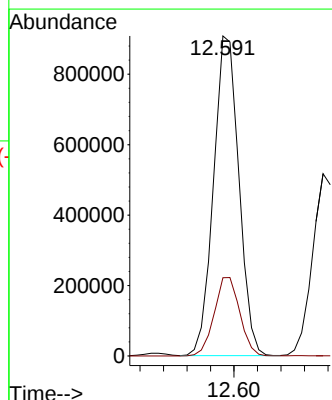
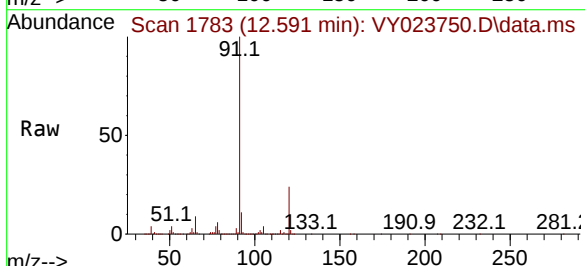
Acq: 11 Nov 2025 19:08

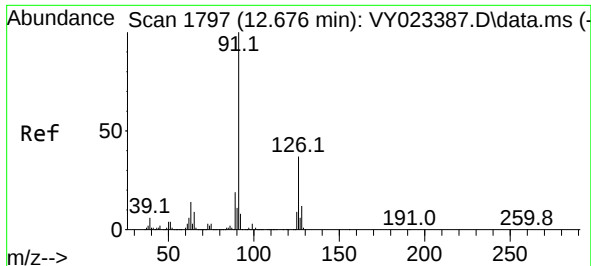
Tgt Ion: 91 Resp: 1358984

Ion Ratio Lower Upper

91 100

120 24.8 12.3 36.8

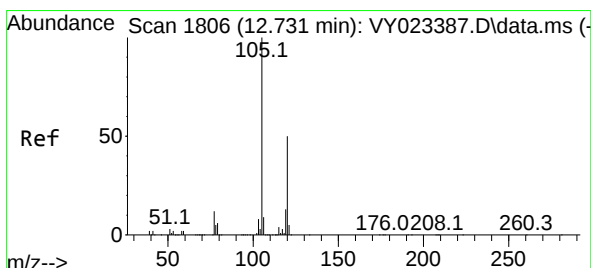
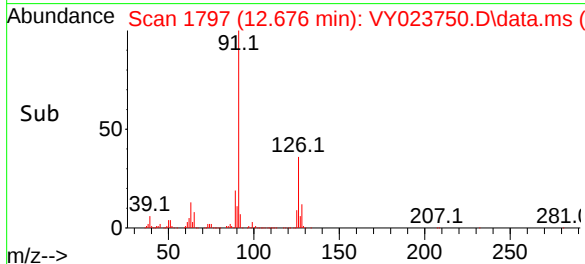
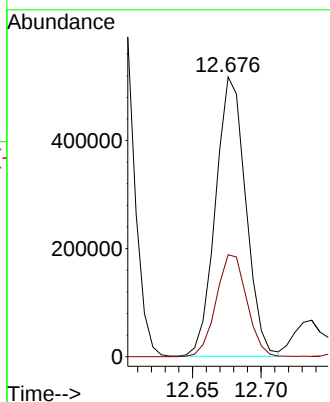
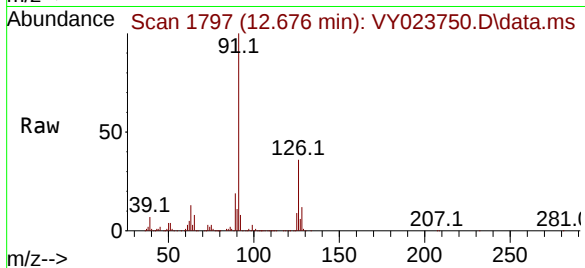




#79
2-Chlorotoluene
Concen: 49.845 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

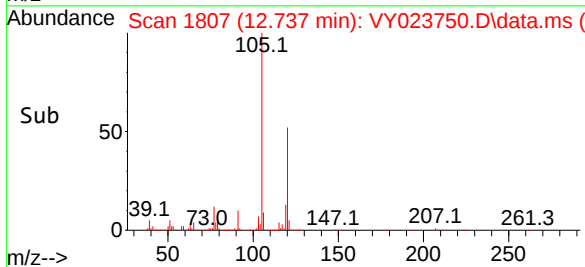
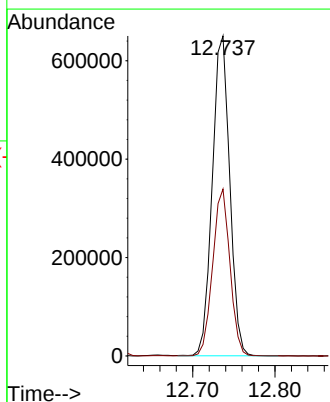
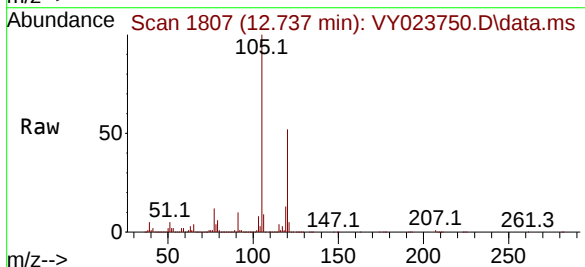
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

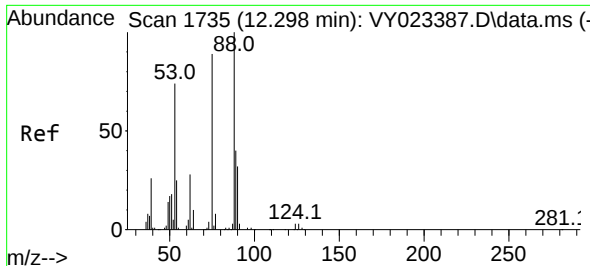
Tgt Ion: 91 Resp: 794701
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 50.426 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 105 Resp: 958673
Ion Ratio Lower Upper
105 100
120 51.7 25.4 76.4

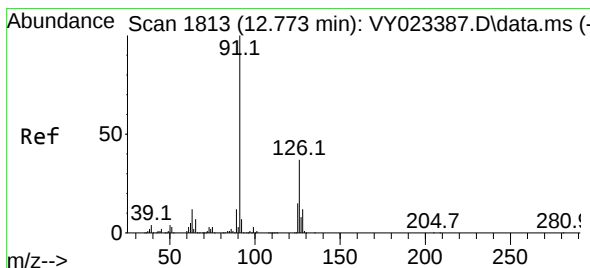
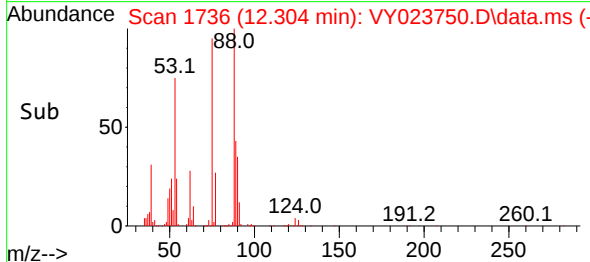
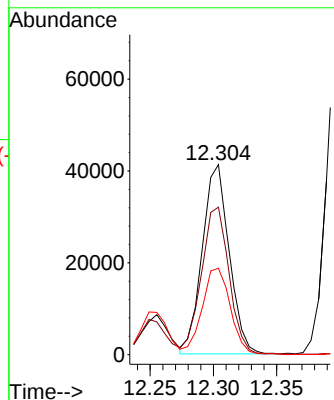
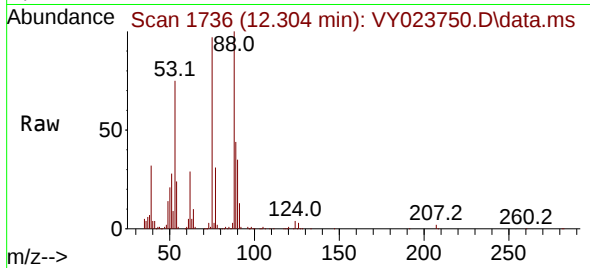




#81
trans-1,4-Dichloro-2-butene
Concen: 47.559 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

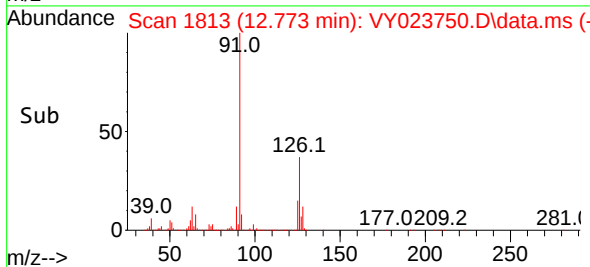
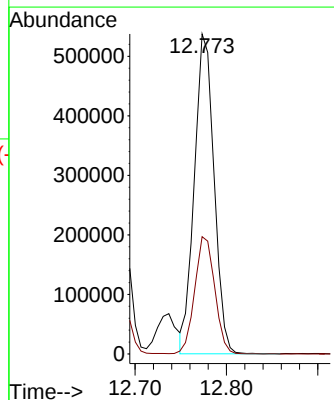
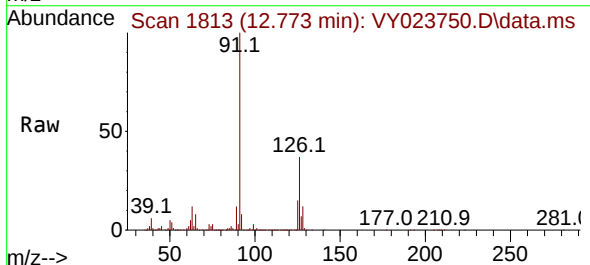
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

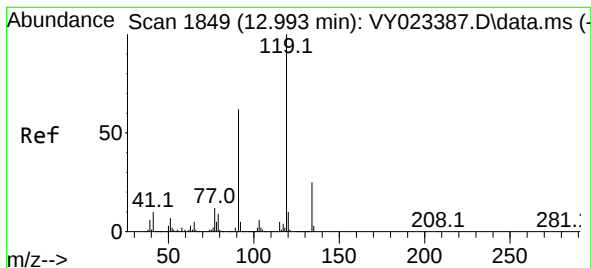
Tgt Ion: 75 Resp: 61088
Ion Ratio Lower Upper
75 100
53 80.3 68.6 102.8
89 48.1 39.0 58.4



#82
4-Chlorotoluene
Concen: 49.033 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 91 Resp: 805112
Ion Ratio Lower Upper
91 100
126 37.4 18.4 55.4





#83

tert-Butylbenzene

Concen: 49.834 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

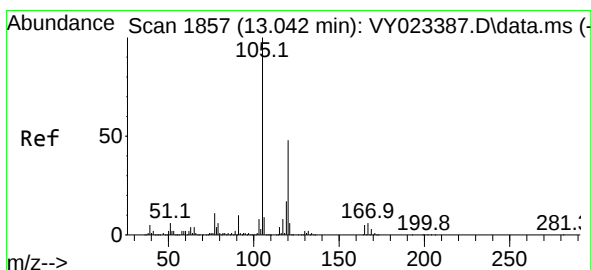
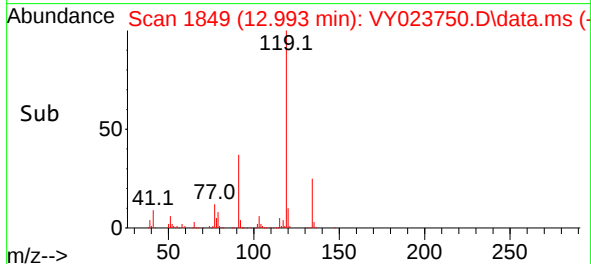
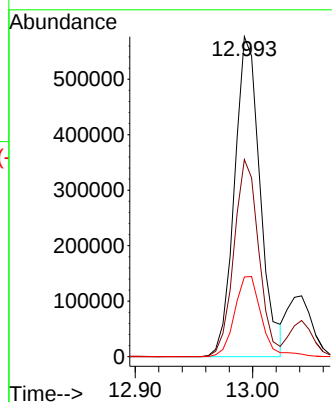
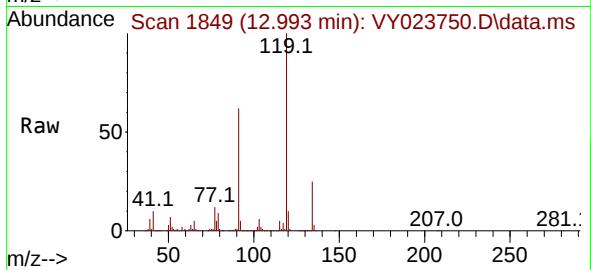
Tgt Ion:119 Resp: 874771

Ion Ratio Lower Upper

119 100

91 59.8 29.9 89.8

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 50.677 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023750.D

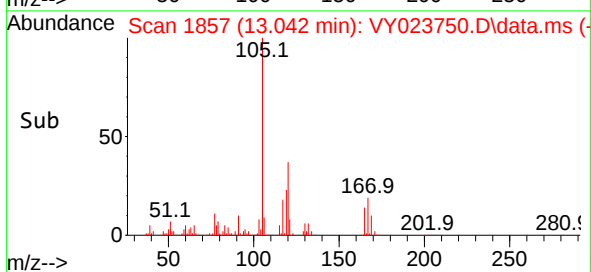
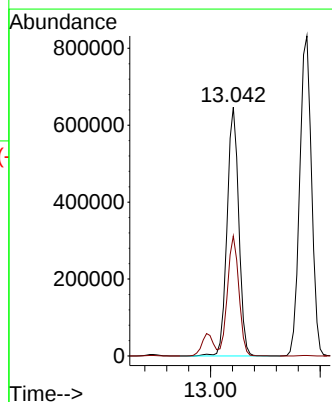
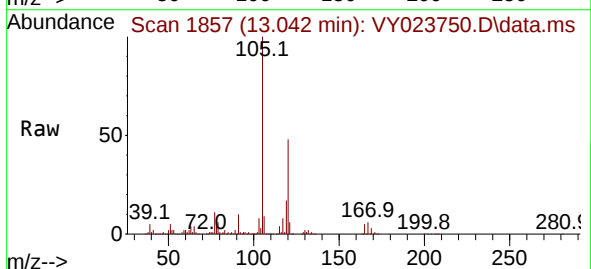
Acq: 11 Nov 2025 19:08

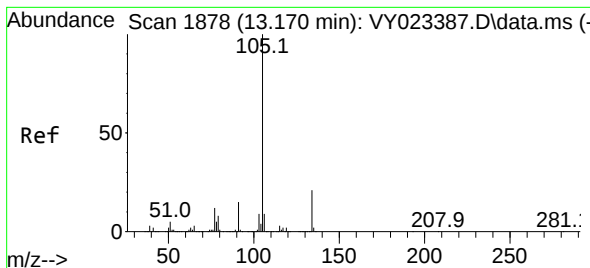
Tgt Ion:105 Resp: 961531

Ion Ratio Lower Upper

105 100

120 47.3 23.8 71.2





#85

sec-Butylbenzene

Concen: 49.151 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

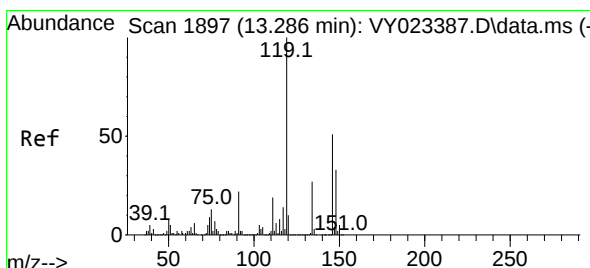
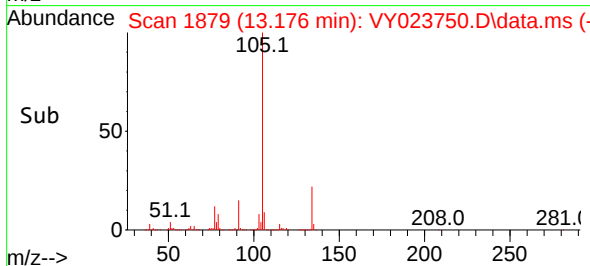
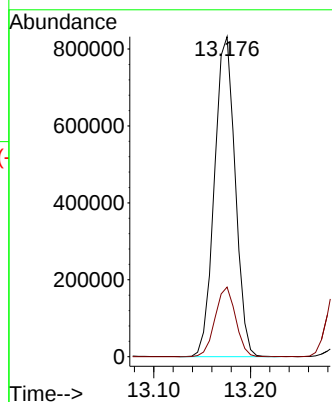
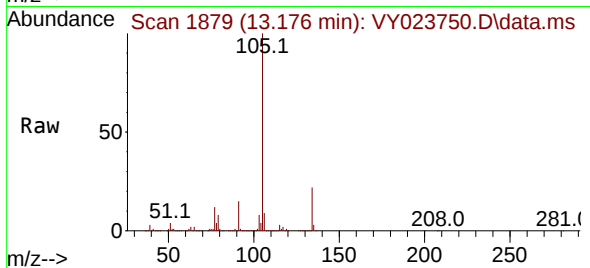
VSTDCCC050EC

Tgt Ion:105 Resp: 1237648

Ion Ratio Lower Upper

105 100

134 21.5 10.7 32.1



#86

p-Isopropyltoluene

Concen: 49.567 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

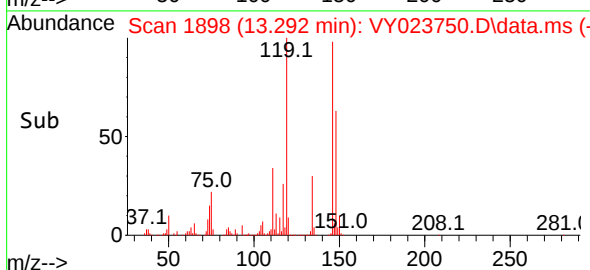
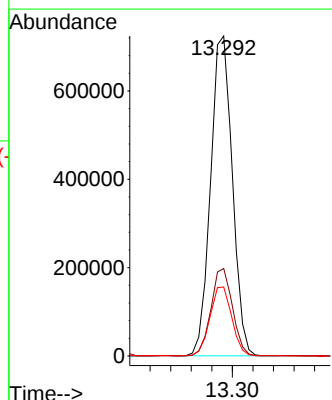
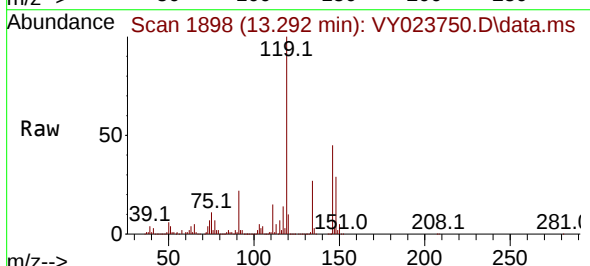
Tgt Ion:119 Resp: 1062677

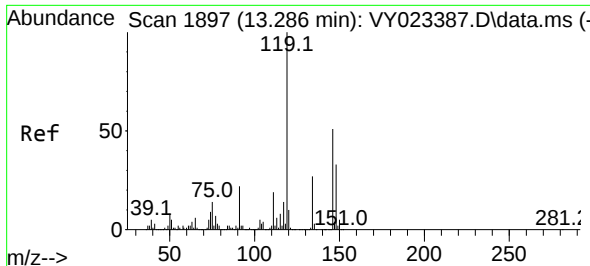
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 21.6 10.9 32.9

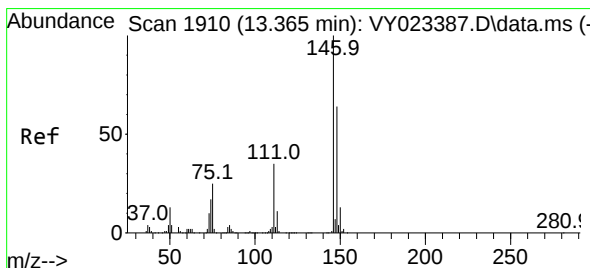
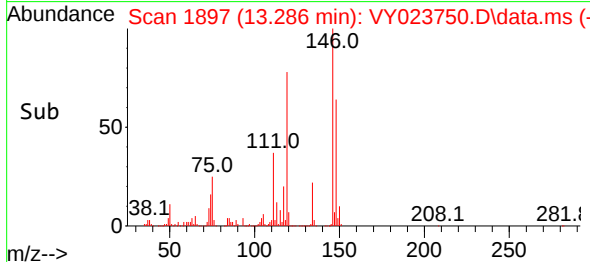
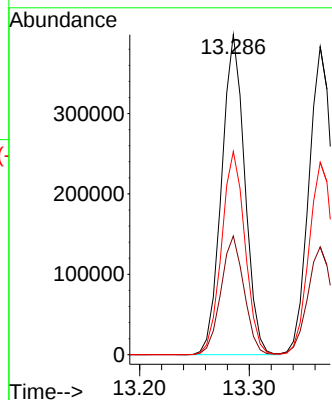
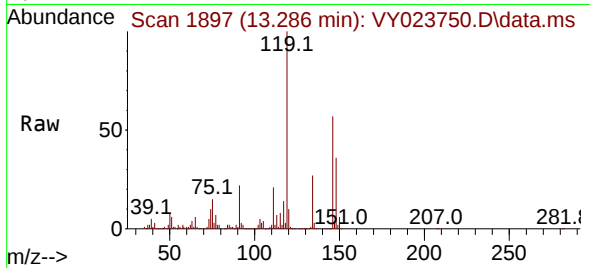




#87
1,3-Dichlorobenzene
Concen: 48.085 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

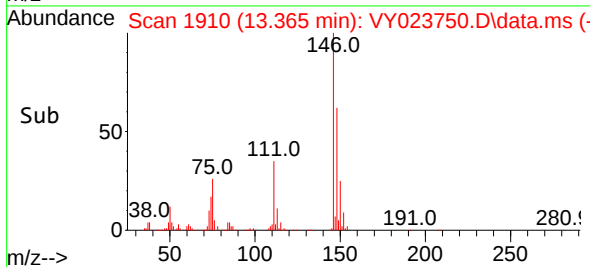
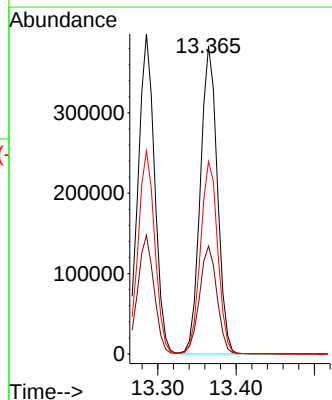
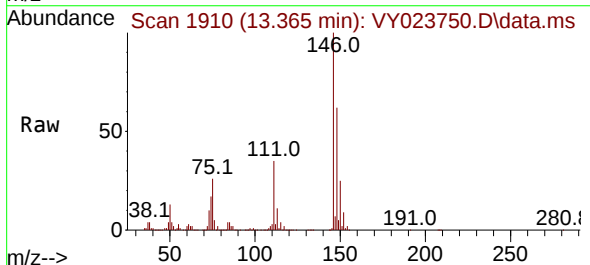
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

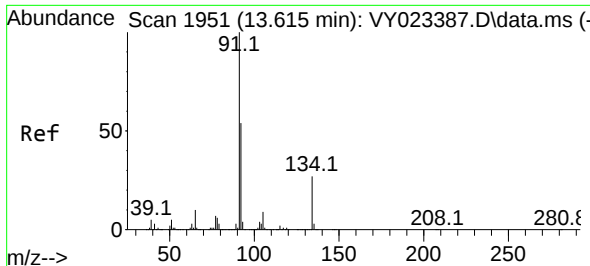
Tgt Ion:146 Resp: 585673
Ion Ratio Lower Upper
146 100
111 36.9 18.7 56.1
148 64.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 47.947 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion:146 Resp: 576776
Ion Ratio Lower Upper
146 100
111 35.9 18.0 54.0
148 63.5 31.9 95.7

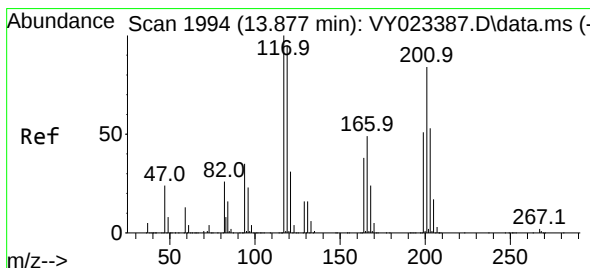
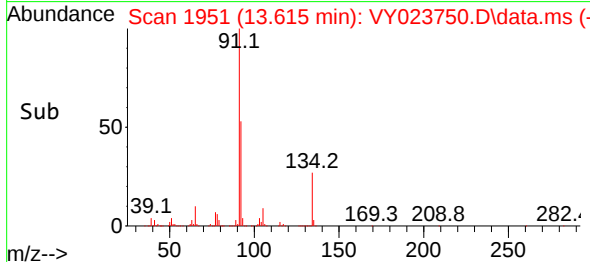
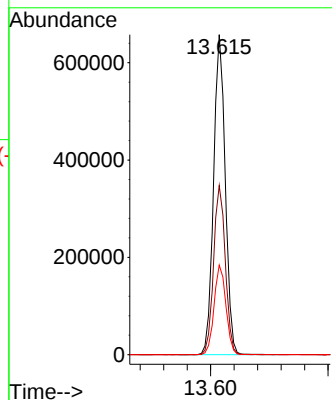
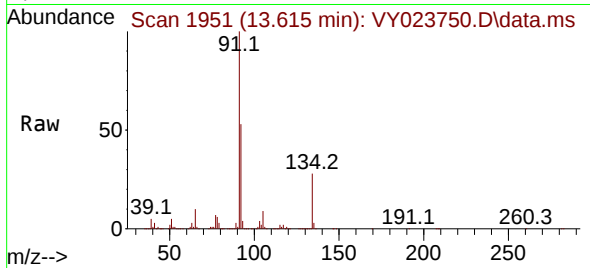




#89
n-Butylbenzene
Concen: 48.478 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

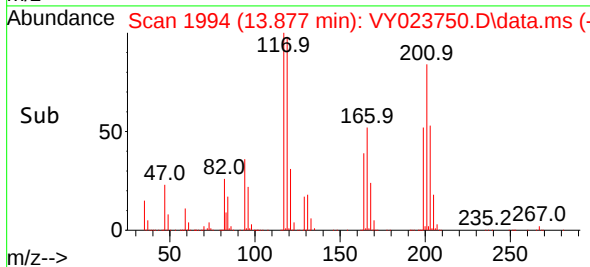
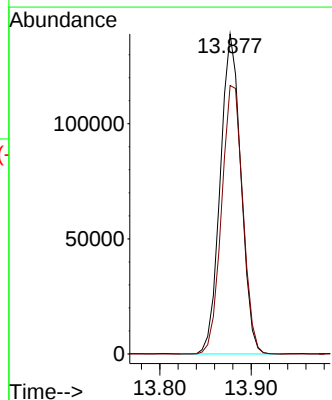
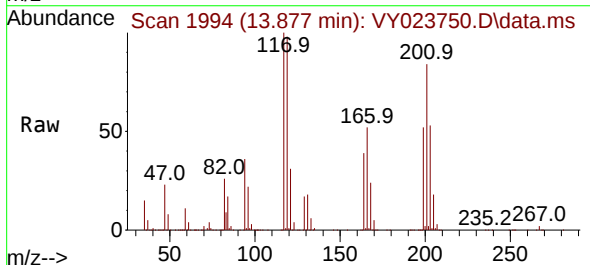
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

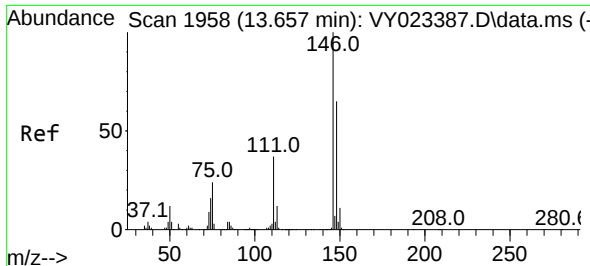
Tgt Ion: 91 Resp: 905613
Ion Ratio Lower Upper
91 100
92 53.3 27.0 80.8
134 28.4 14.1 42.2



#90
Hexachloroethane
Concen: 47.452 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023750.D
Acq: 11 Nov 2025 19:08

Tgt Ion: 117 Resp: 218809
Ion Ratio Lower Upper
117 100
201 86.1 43.8 131.4

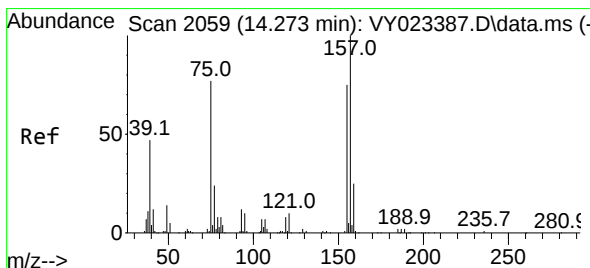
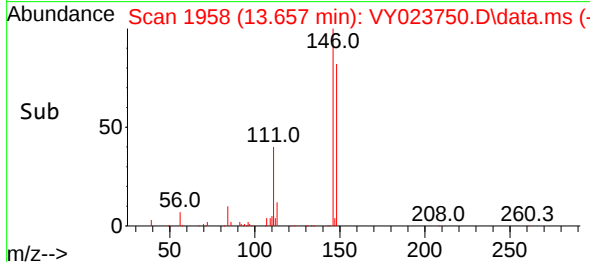
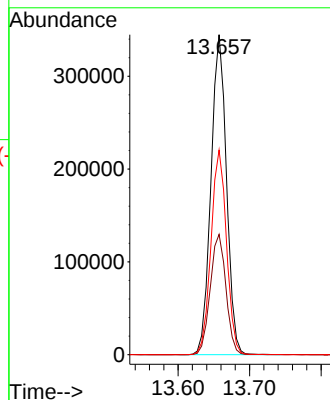
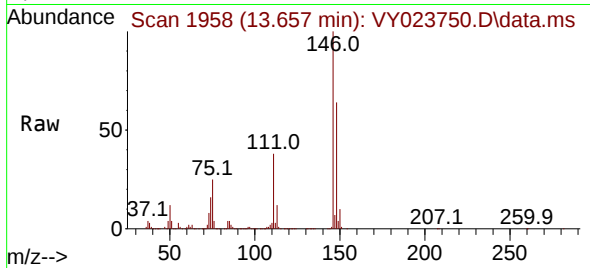




#91
 1,2-Dichlorobenzene
 Concen: 48.579 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023750.D
 Acq: 11 Nov 2025 19:08

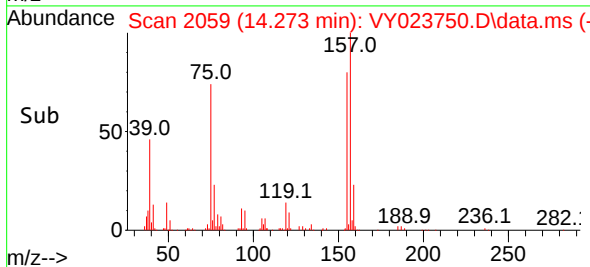
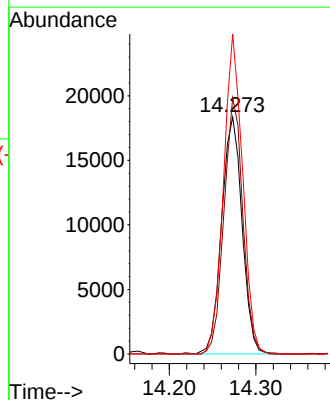
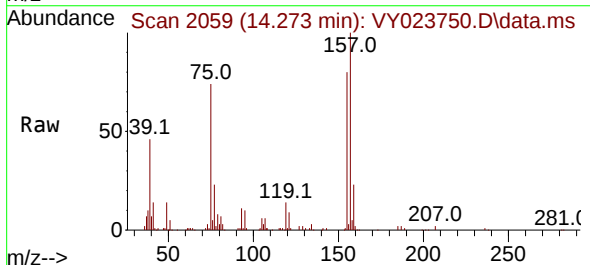
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 518747
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 64.0 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.660 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023750.D
 Acq: 11 Nov 2025 19:08

Tgt Ion: 75 Resp: 30092
 Ion Ratio Lower Upper
 75 100
 155 99.9 50.0 150.0
 157 125.9 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 45.243 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

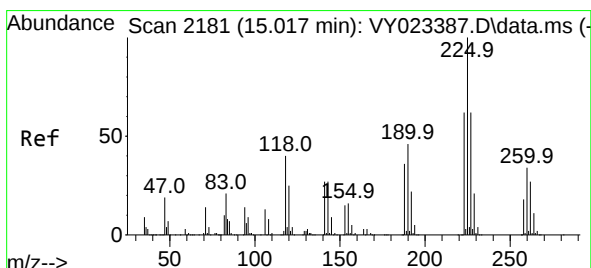
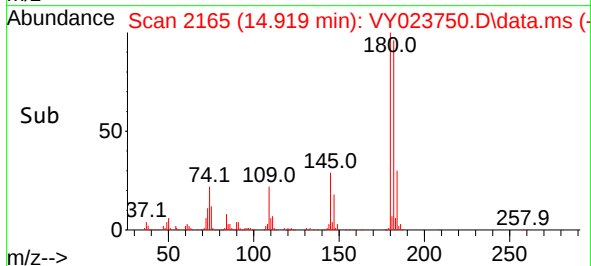
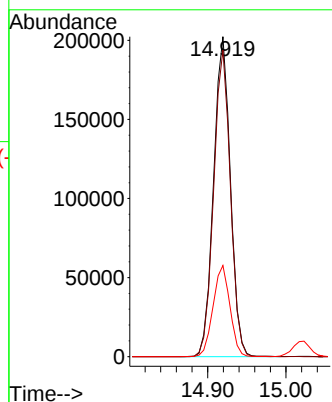
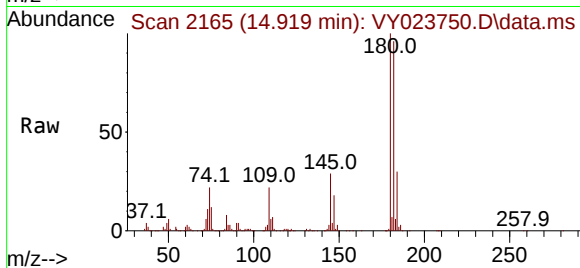
Tgt Ion:180 Resp: 301189

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.6

145 28.6 14.7 44.1



#94

Hexachlorobutadiene

Concen: 43.494 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

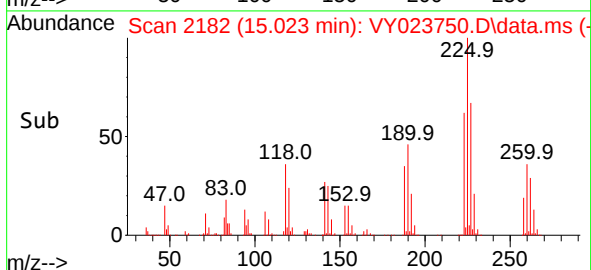
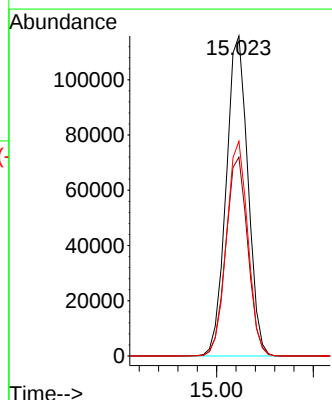
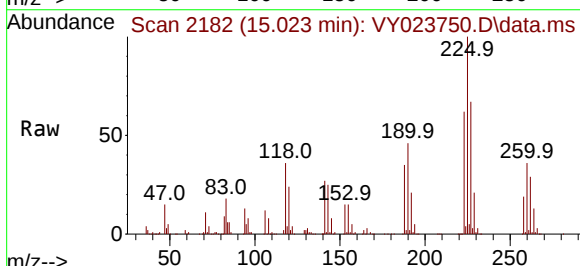
Tgt Ion:225 Resp: 180491

Ion Ratio Lower Upper

225 100

223 62.7 30.8 92.3

227 66.0 31.9 95.7





#95

Naphthalene

Concen: 46.740 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

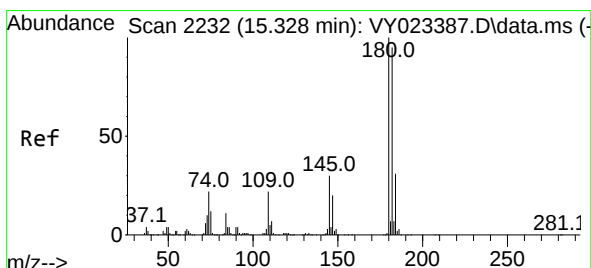
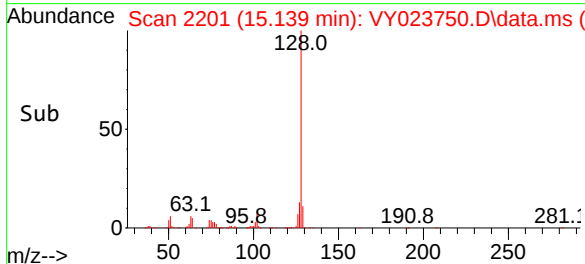
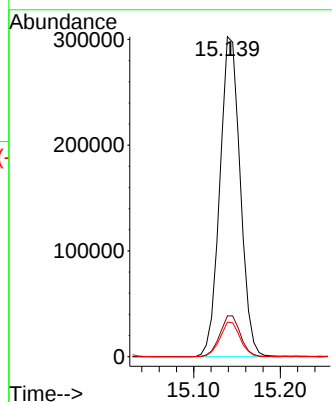
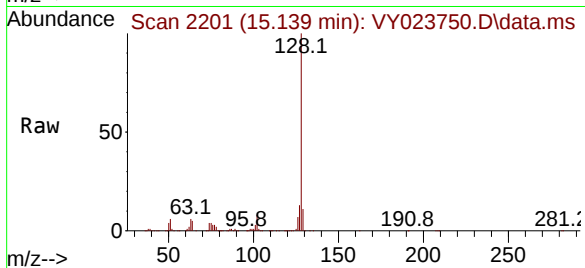
Tgt Ion:128 Resp: 495481

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 45.106 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023750.D

Acq: 11 Nov 2025 19:08

Tgt Ion:180 Resp: 260091

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 30.4 15.3 45.9

