

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
 Data File : VY023037.D
 Acq On : 21 Jul 2025 19:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 22 04:56:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	364935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	608629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	534345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	267706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	200633	54.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.634	113	188725	48.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.760%	
50) Toluene-d8	10.103	98	750336	49.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.020%	
62) 4-Bromofluorobenzene	12.402	95	239984	49.795	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	126982	40.979	ug/l	98
3) Chloromethane	2.068	50	269659	51.179	ug/l	98
4) Vinyl Chloride	2.202	62	341701	51.189	ug/l	100
5) Bromomethane	2.592	94	257125	53.371	ug/l	99
6) Chloroethane	2.733	64	241112	54.083	ug/l	95
7) Trichlorofluoromethane	3.056	101	357561	46.144	ug/l	99
8) Diethyl Ether	3.452	74	97187	47.921	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	180521	44.347	ug/l	99
10) Methyl Iodide	4.001	142	210246	49.718	ug/l	100
11) Tert butyl alcohol	4.860	59	59487	266.251	ug/l	100
12) 1,1-Dichloroethene	3.787	96	174127	44.904	ug/l	100
13) Acrolein	3.653	56	11930	113.632	ug/l	97
14) Allyl chloride	4.379	41	278218	47.094	ug/l	97
15) Acrylonitrile	5.055	53	209182	272.310	ug/l	99
16) Acetone	3.867	43	152093	227.117	ug/l	99
17) Carbon Disulfide	4.104	76	533311	45.378	ug/l	99
18) Methyl Acetate	4.385	43	153573	67.737	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	486107	52.263	ug/l	100
20) Methylene Chloride	4.610	84	245177	52.461	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	204974	47.486	ug/l	96
22) Diisopropyl ether	6.013	45	645325	51.489	ug/l	96
23) Vinyl Acetate	5.958	43	1585664	251.092	ug/l	100
24) 1,1-Dichloroethane	5.909	63	390117	49.557	ug/l	99
25) 2-Butanone	6.890	43	249667	259.880	ug/l	99
26) 2,2-Dichloropropane	6.884	77	299317	43.384	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	244418	49.131	ug/l	99
28) Bromochloromethane	7.244	49	163732	53.625	ug/l	98
29) Tetrahydrofuran	7.256	42	167649	275.629	ug/l	98
30) Chloroform	7.421	83	405722	51.090	ug/l	98
31) Cyclohexane	7.701	56	318510	43.302	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	345470	47.946	ug/l	98
36) 1,1-Dichloropropene	7.829	75	279833	46.015	ug/l	100
37) Ethyl Acetate	6.982	43	110808	49.061	ug/l	100
38) Carbon Tetrachloride	7.817	117	300995	45.558	ug/l	98
39) Methylcyclohexane	9.103	83	347320	44.125	ug/l	99
40) Benzene	8.079	78	892923	48.766	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	66052	53.684	ug/l	99
42) 1,2-Dichloroethane	8.158	62	237723	52.184	ug/l	99
43) Isopropyl Acetate	8.195	43	232858	51.904	ug/l #	86
44) Trichloroethene	8.860	130	213038	45.298	ug/l	91
45) 1,2-Dichloropropane	9.140	63	209857	49.079	ug/l	95
46) Dibromomethane	9.225	93	113255	51.242	ug/l	99
47) Bromodichloromethane	9.420	83	306564	50.179	ug/l	98
48) Methyl methacrylate	9.219	41	120235	55.511	ug/l	98
49) 1,4-Dioxane	9.225	88	25465	1093.044	ug/l	90
51) 4-Methyl-2-Pentanone	9.994	43	625368	274.629	ug/l	99
52) Toluene	10.170	92	552862	48.565	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	261758	49.912	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	314351	49.731	ug/l	99
55) 1,1,2-Trichloroethane	10.567	97	148571	51.144	ug/l	97
56) Ethyl methacrylate	10.439	69	192668	53.131	ug/l	99
57) 1,3-Dichloropropane	10.713	76	261483	52.107	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	491519	276.893	ug/l	100
59) 2-Hexanone	10.756	43	412272	275.436	ug/l	100
60) Dibromochloromethane	10.908	129	196174	51.572	ug/l	100
61) 1,2-Dibromoethane	11.012	107	137078	51.963	ug/l	99
64) Tetrachloroethene	10.646	164	230259	42.158	ug/l	98
65) Chlorobenzene	11.438	112	591032	46.874	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	205201	47.714	ug/l	100
67) Ethyl Benzene	11.518	91	1054339	47.175	ug/l	100
68) m/p-Xylenes	11.627	106	809746	94.459	ug/l	100
69) o-Xylene	11.950	106	381261	47.923	ug/l	99
70) Styrene	11.963	104	649988	49.878	ug/l	100
71) Bromoform	12.127	173	107452	49.216	ug/l #	98
73) Isopropylbenzene	12.249	105	988566	43.555	ug/l	100
74) N-amyl acetate	12.066	43	198406	46.366	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.499	83	162073	49.344	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	217881	65.315	ug/l #	100
77) Bromobenzene	12.530	156	221834	45.064	ug/l	99
78) n-propylbenzene	12.591	91	1209202	44.738	ug/l	100
79) 2-Chlorotoluene	12.676	91	672715	44.254	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	807990	45.137	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	49252	43.976	ug/l	99
82) 4-Chlorotoluene	12.774	91	702672	45.832	ug/l	99
83) tert-Butylbenzene	12.993	119	714791	44.206	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	810500	45.996	ug/l	99
85) sec-Butylbenzene	13.170	105	1075896	44.401	ug/l	100
86) p-Isopropyltoluene	13.286	119	882609	44.848	ug/l	99
87) 1,3-Dichlorobenzene	13.280	146	443132	44.606	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	430652	44.810	ug/l	99
89) n-Butylbenzene	13.615	91	824788	45.418	ug/l	99
90) Hexachloroethane	13.877	117	180473	44.294	ug/l	99
91) 1,2-Dichlorobenzene	13.651	146	385924	46.055	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	25174	51.619	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	201178	45.546	ug/l	100
94) Hexachlorobutadiene	15.017	225	118232	42.457	ug/l	99
95) Naphthalene	15.139	128	357137	50.411	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	170114	46.643	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
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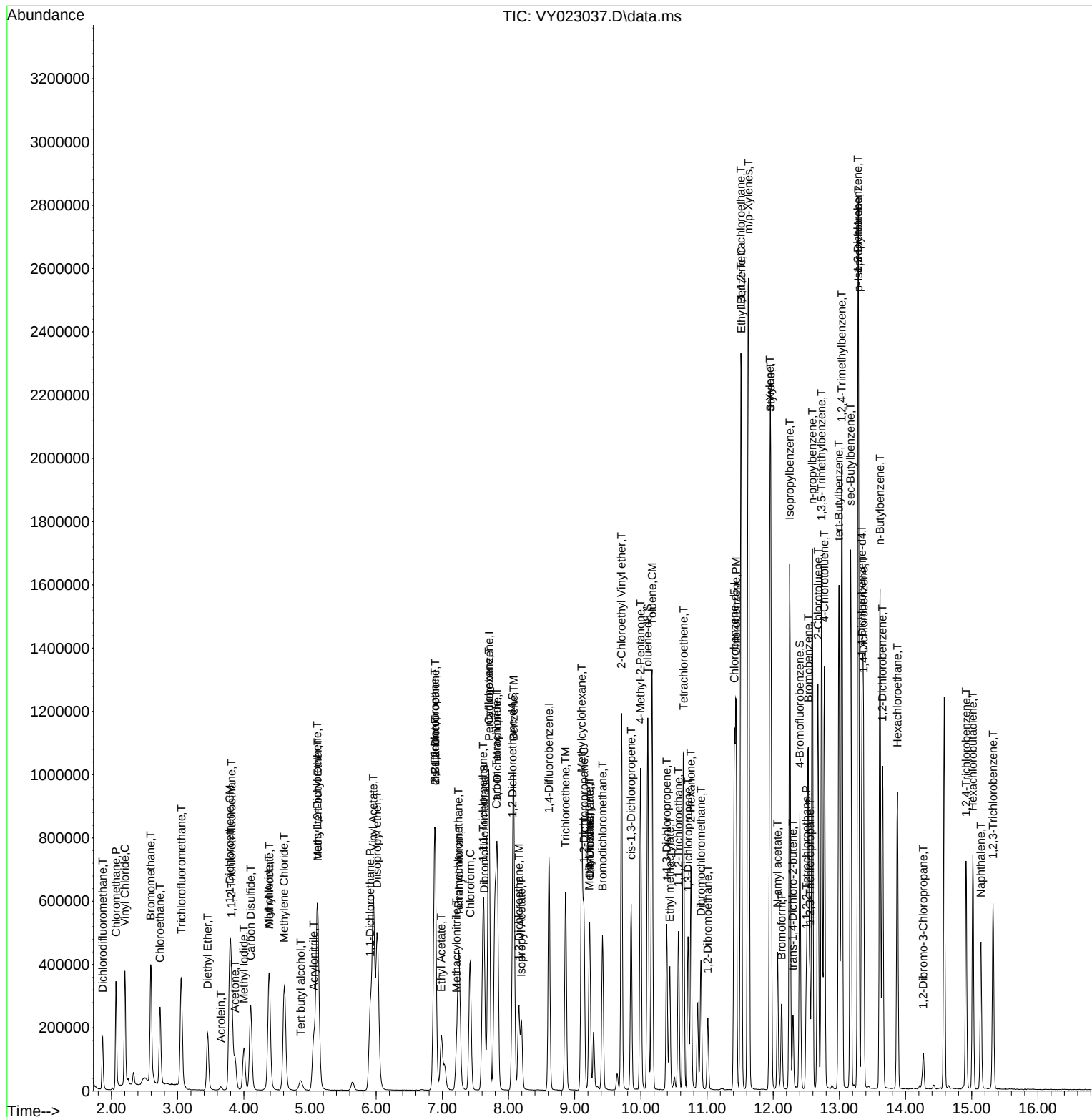
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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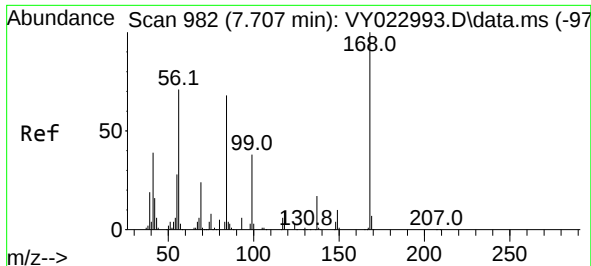
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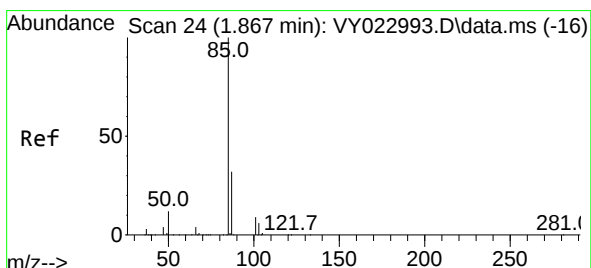
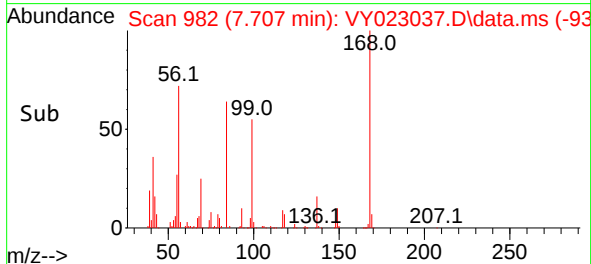
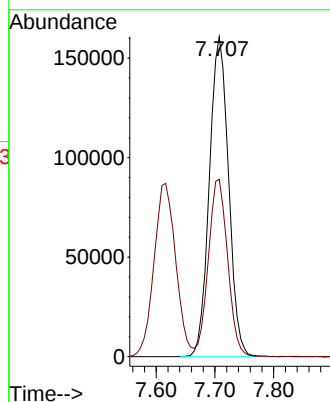
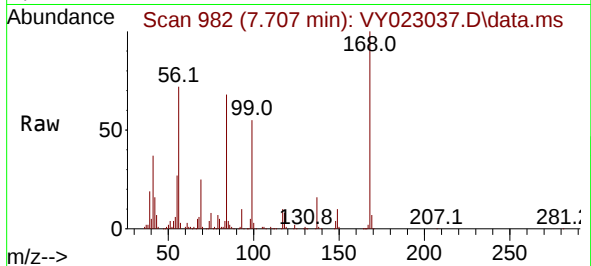




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023037.D
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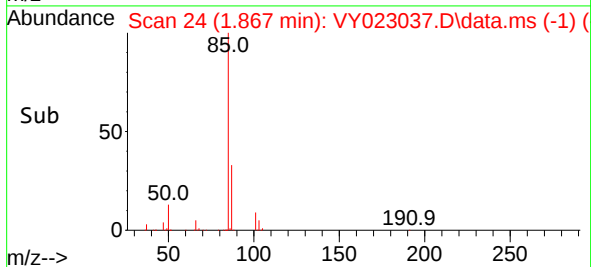
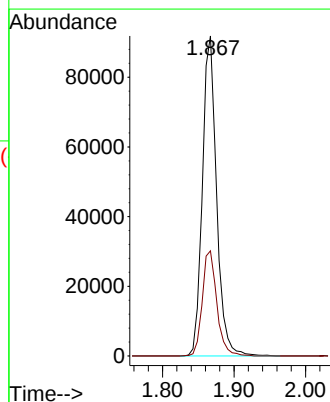
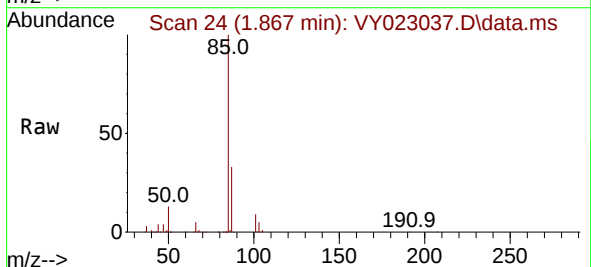
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

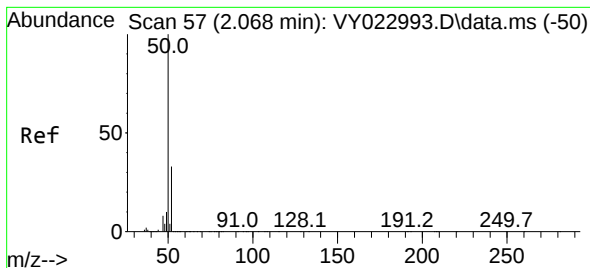
Tgt Ion:168 Resp: 364935
Ion Ratio Lower Upper
168 100
99 55.3 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 40.979 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 85 Resp: 126982
Ion Ratio Lower Upper
85 100
87 32.9 16.0 47.9





#3

Chloromethane

Concen: 51.179 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

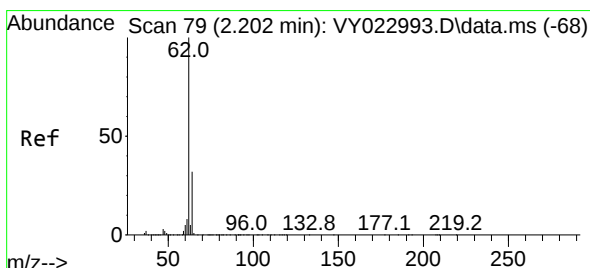
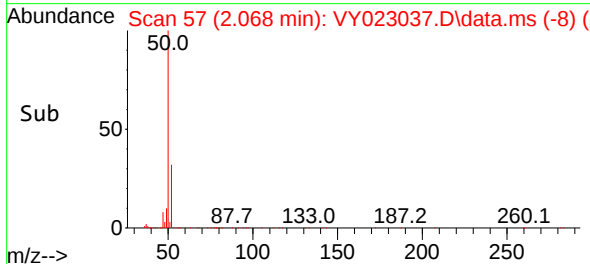
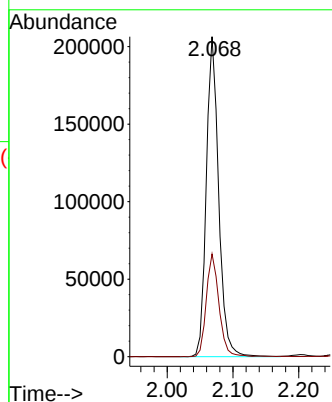
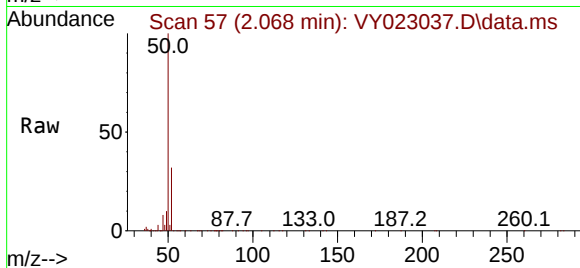
VSTDCCC050EC

Tgt Ion: 50 Resp: 269659

Ion Ratio Lower Upper

50 100

52 32.1 26.6 39.8



#4

Vinyl Chloride

Concen: 51.189 ug/l

RT: 2.202 min Scan# 79

Delta R.T. 0.000 min

Lab File: VY023037.D

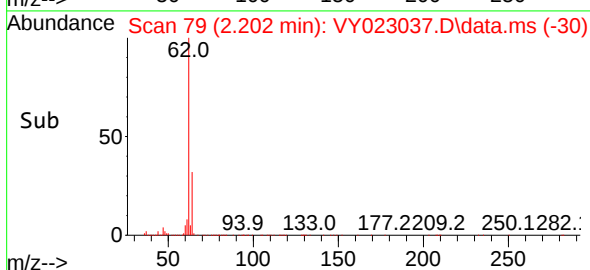
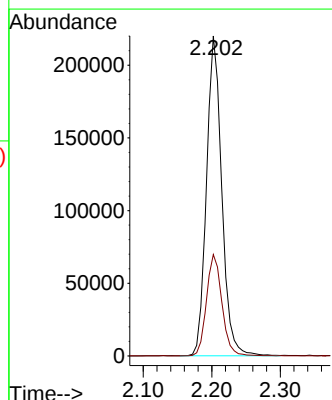
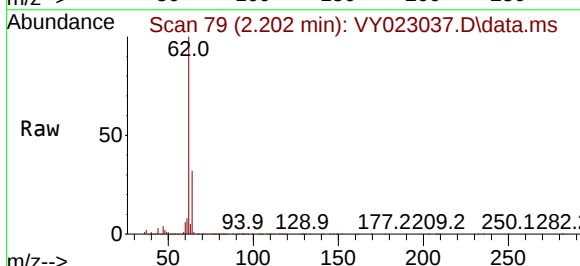
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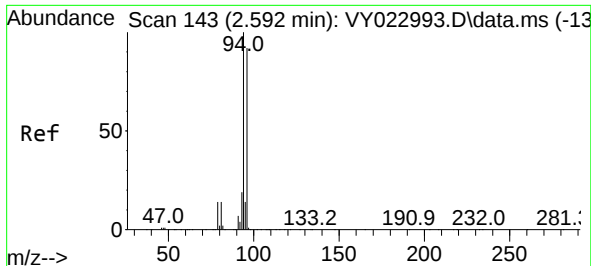
Tgt Ion: 62 Resp: 341701

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8

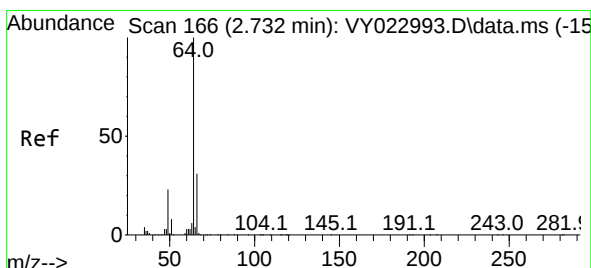
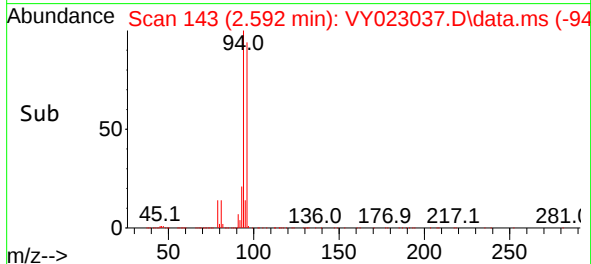
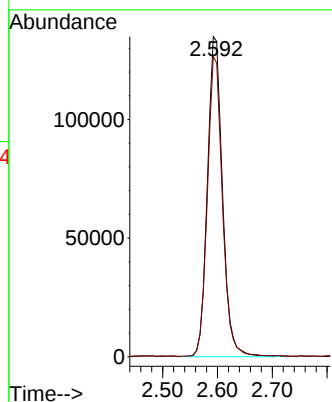
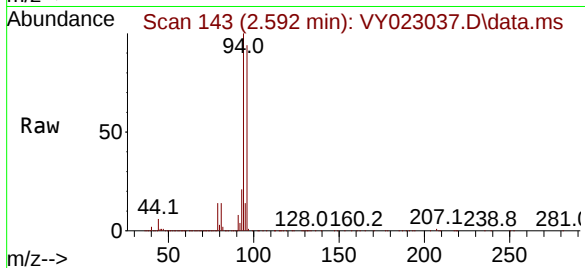




#5
Bromomethane
Concen: 53.371 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023037.D
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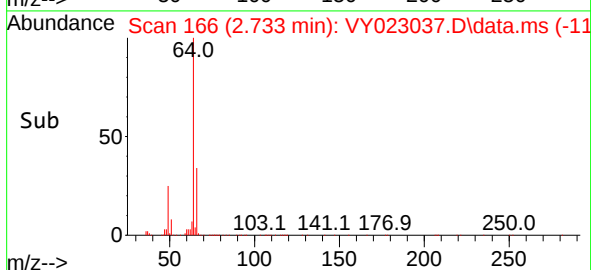
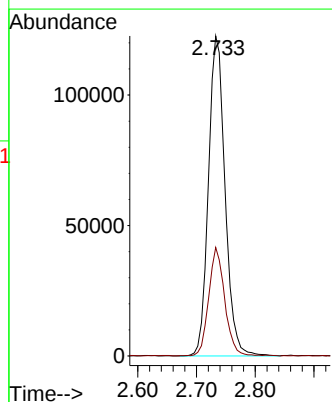
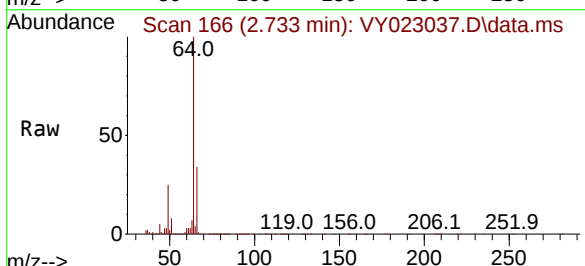
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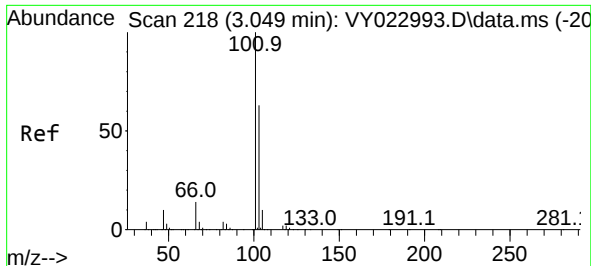
Tgt Ion: 94 Resp: 257125
Ion Ratio Lower Upper
94 100
96 93.6 73.9 110.9



#6
Chloroethane
Concen: 54.083 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023037.D
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Tgt Ion: 64 Resp: 241112
Ion Ratio Lower Upper
64 100
66 33.9 24.9 37.3

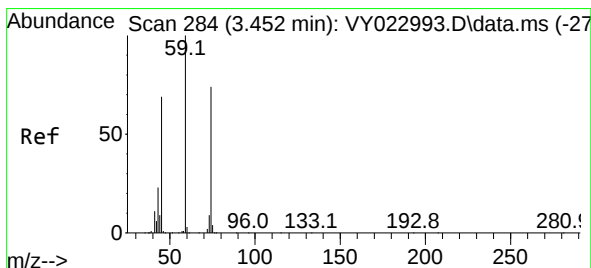
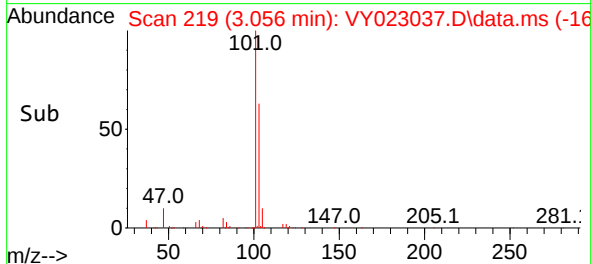
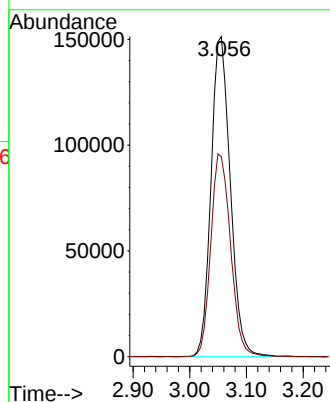
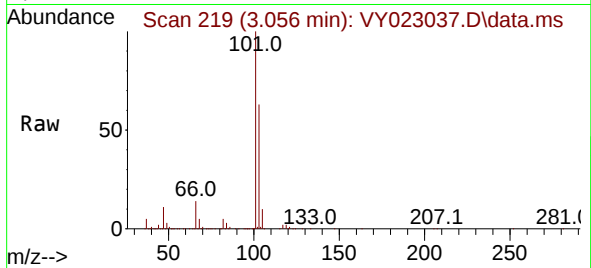




#7
 Trichlorofluoromethane
 Concen: 46.144 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023037.D
 Acq: 21 Jul 2025 19:16

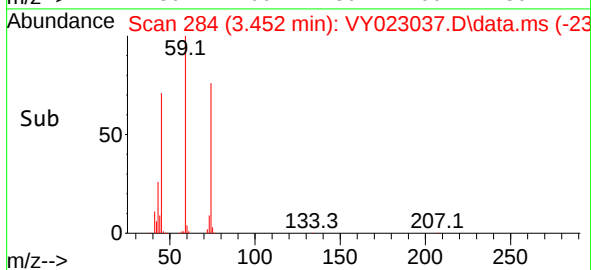
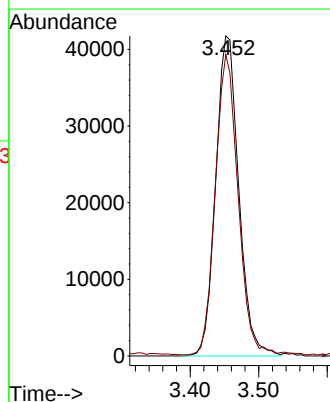
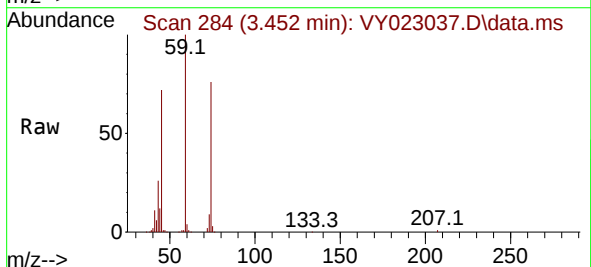
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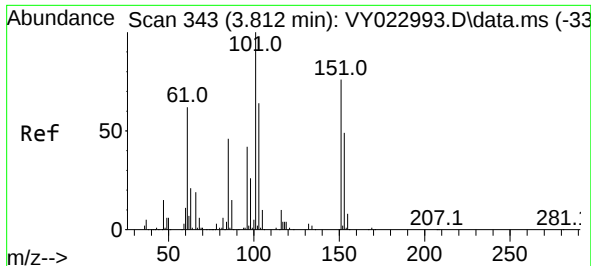
Tgt Ion:101 Resp: 357561
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.921 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
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 Acq: 21 Jul 2025 19:16

Tgt Ion: 74 Resp: 97187
 Ion Ratio Lower Upper
 74 100
 45 92.5 45.1 135.2

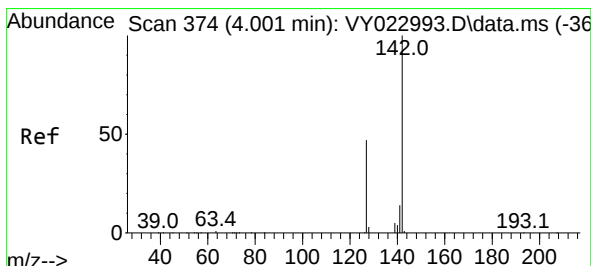
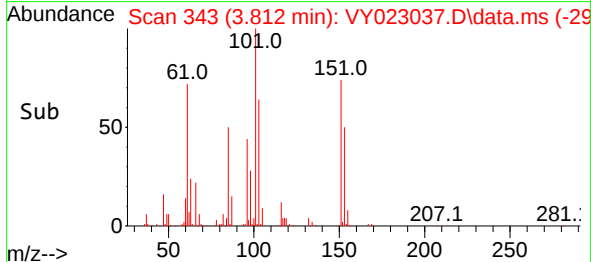
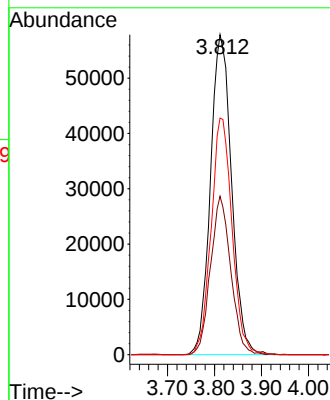
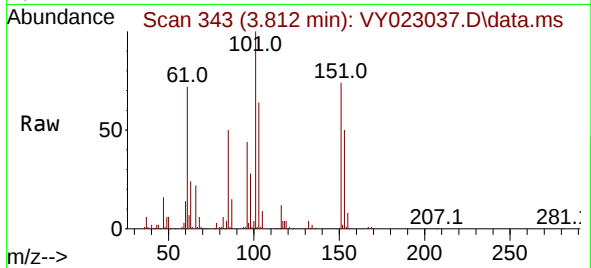




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.347 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

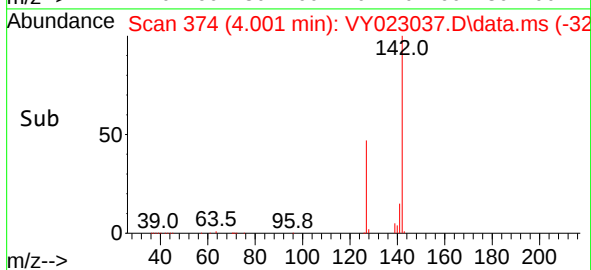
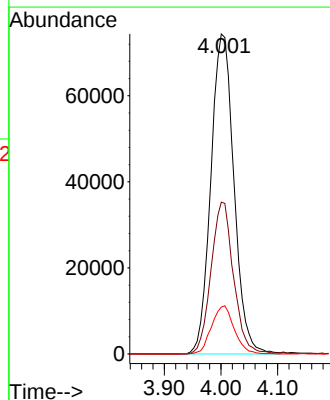
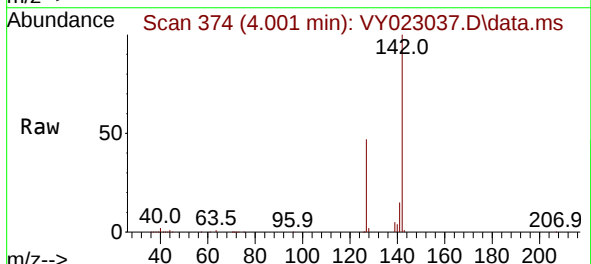
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

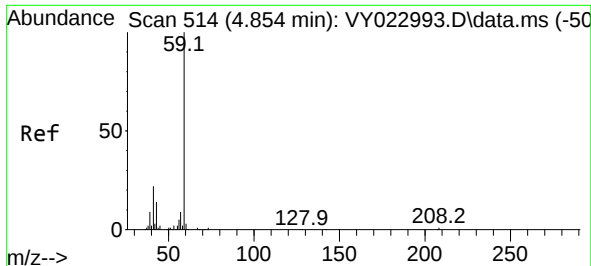
Tgt Ion:101 Resp: 180521
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 73.3 59.7 89.5



#10
Methyl Iodide
Concen: 49.718 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion:142 Resp: 210246
Ion Ratio Lower Upper
142 100
127 46.3 37.0 55.6
141 14.8 11.4 17.2

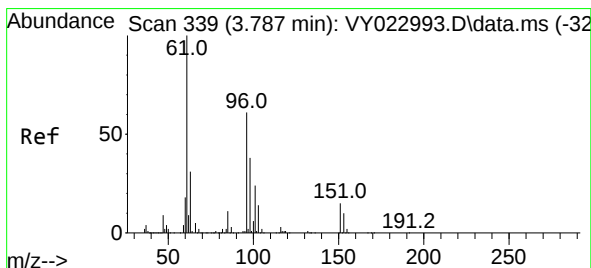
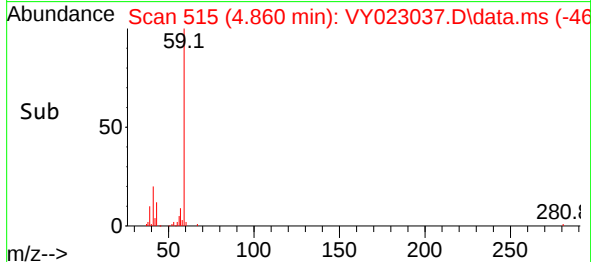
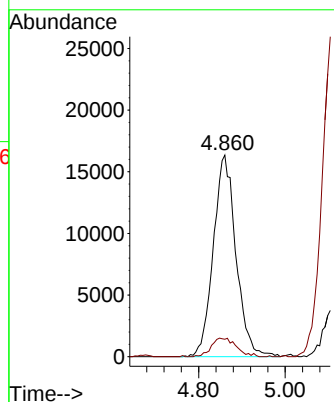
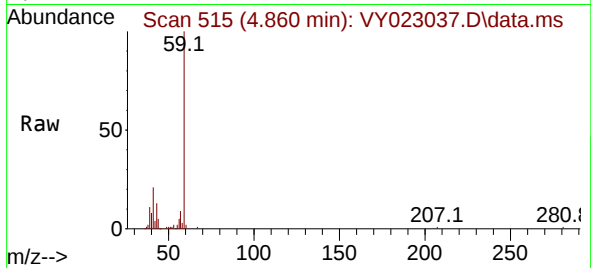




#11
Tert butyl alcohol
Concen: 266.251 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

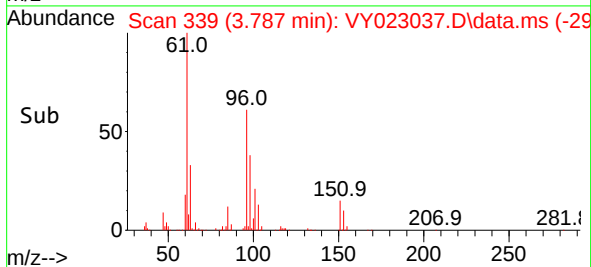
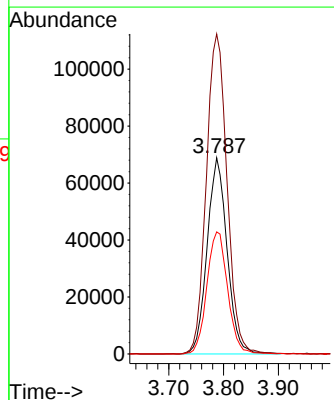
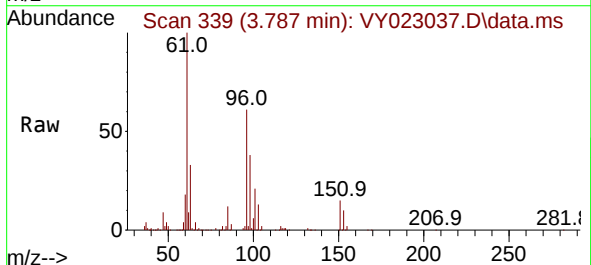
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

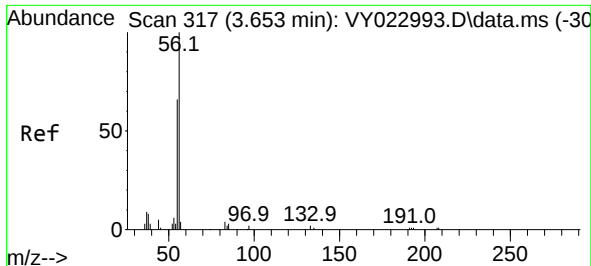
Tgt Ion: 59 Resp: 59487
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.904 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 96 Resp: 174127
Ion Ratio Lower Upper
96 100
61 163.2 130.4 195.6
98 62.3 49.6 74.4

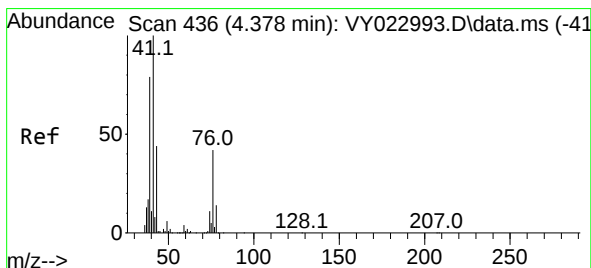
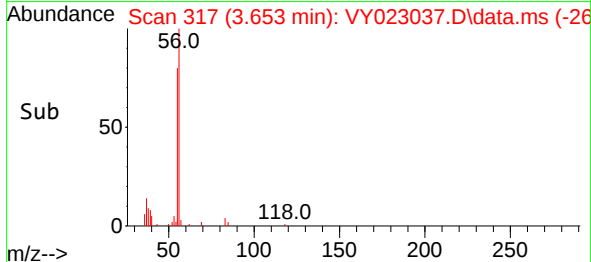
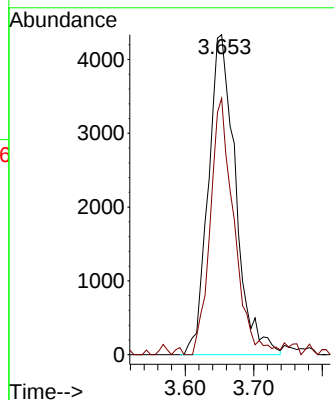
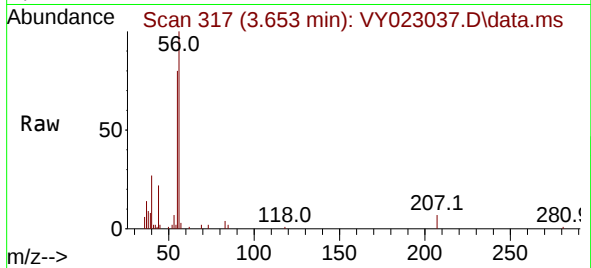




#13
Acrolein
Concen: 113.632 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

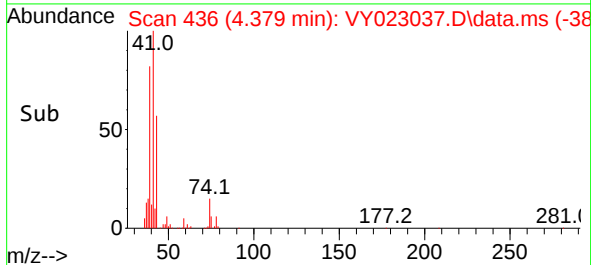
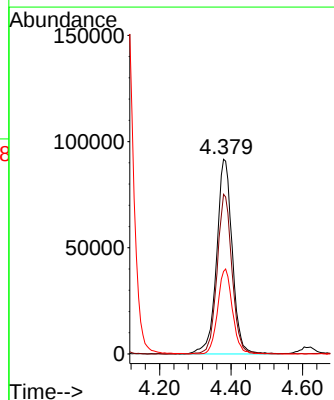
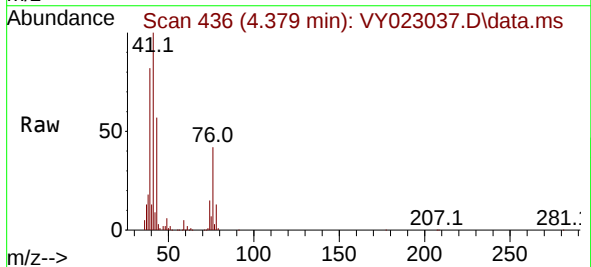
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

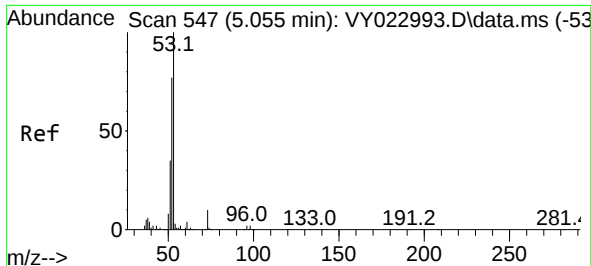
Tgt Ion: 56 Resp: 11930
Ion Ratio Lower Upper
56 100
55 69.9 57.8 86.6



#14
Allyl chloride
Concen: 47.094 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 41 Resp: 278218
Ion Ratio Lower Upper
41 100
39 78.3 60.1 90.1
76 41.0 32.2 48.4

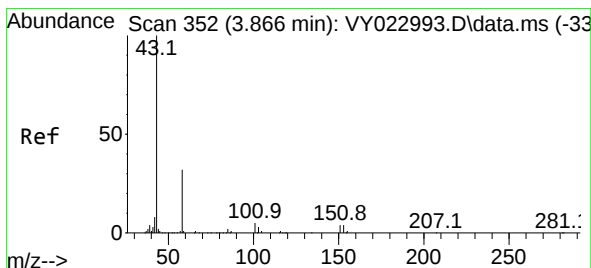
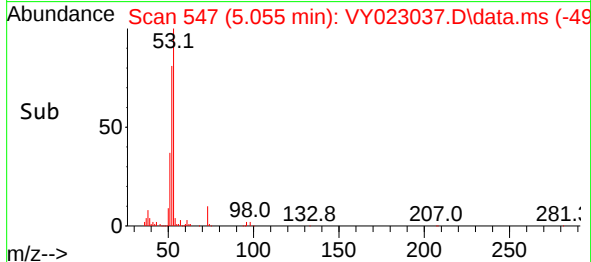
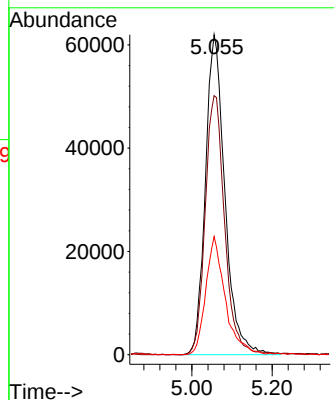
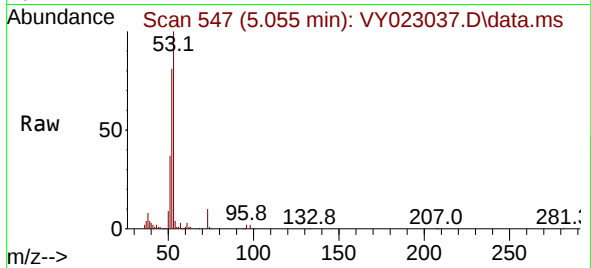




#15
Acrylonitrile
Concen: 272.310 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

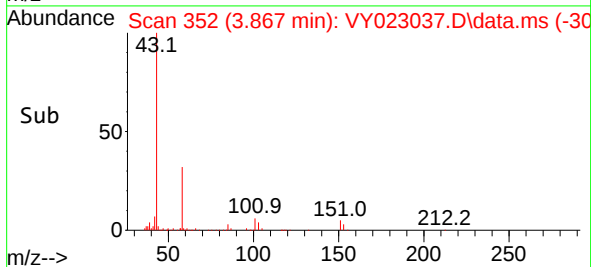
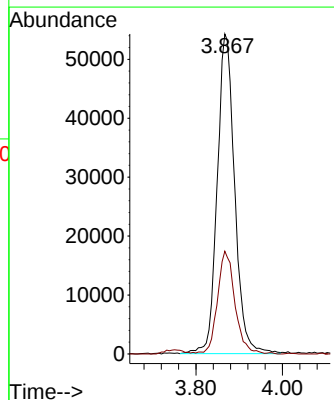
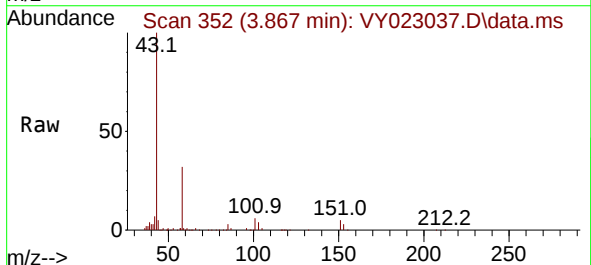
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

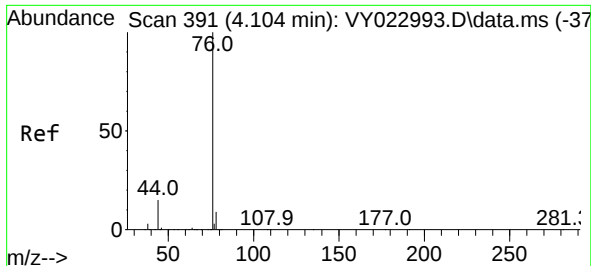
Tgt Ion: 53 Resp: 209182
Ion Ratio Lower Upper
53 100
52 80.9 65.2 97.8
51 36.9 30.3 45.5



#16
Acetone
Concen: 227.117 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 43 Resp: 152093
Ion Ratio Lower Upper
43 100
58 32.0 26.2 39.4

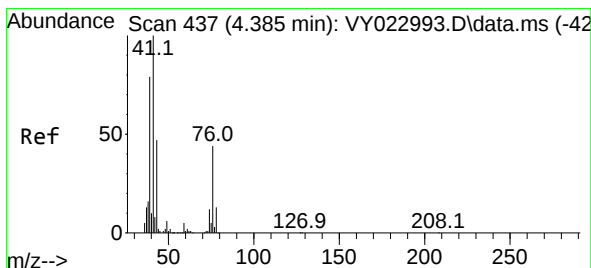
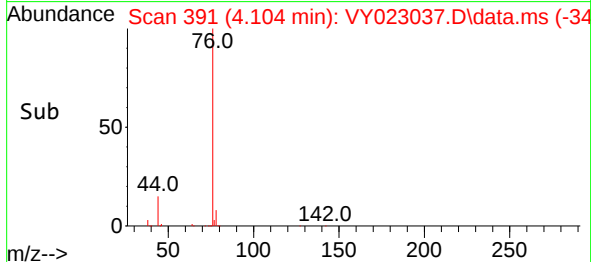
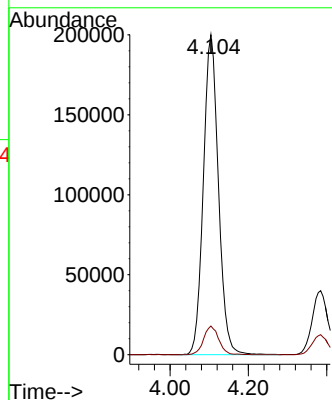
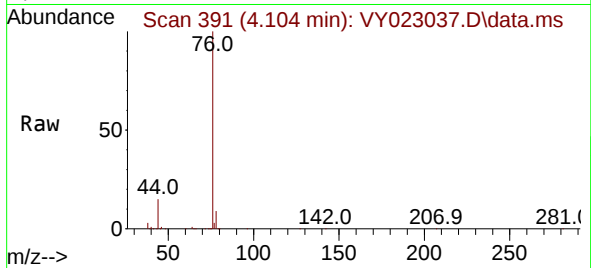




#17
Carbon Disulfide
Concen: 45.378 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

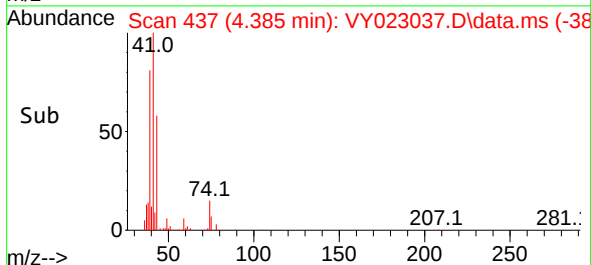
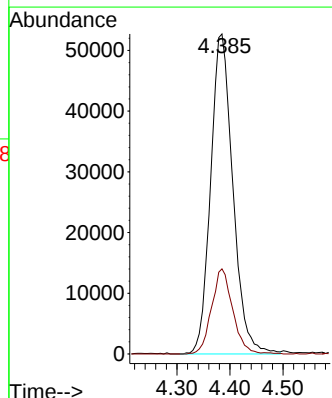
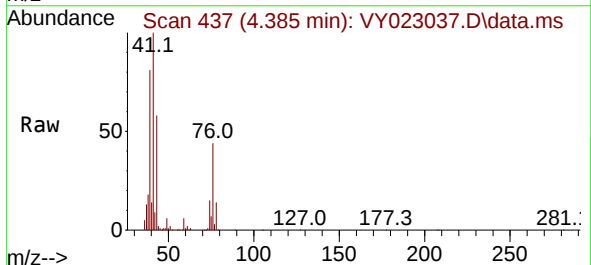
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

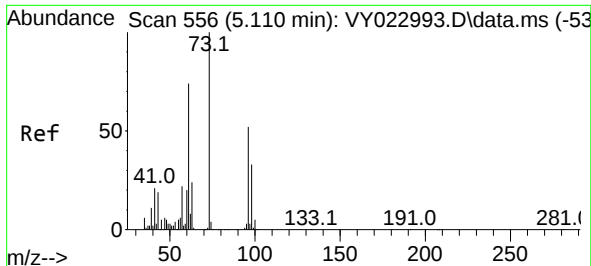
Tgt Ion: 76 Resp: 533311
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 67.737 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 43 Resp: 153573
Ion Ratio Lower Upper
43 100
74 25.4 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 52.263 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

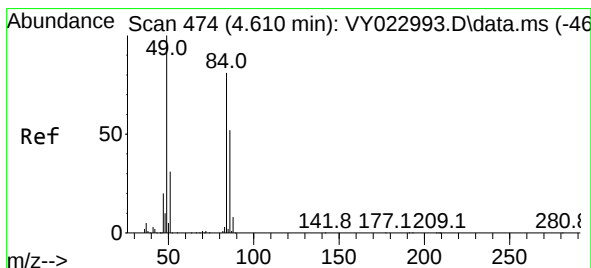
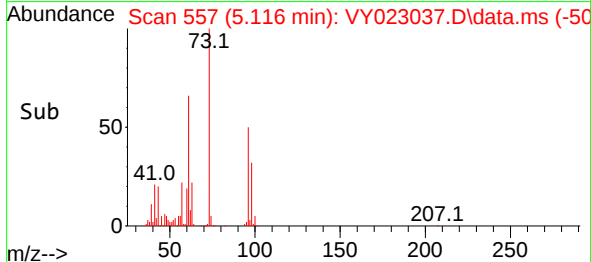
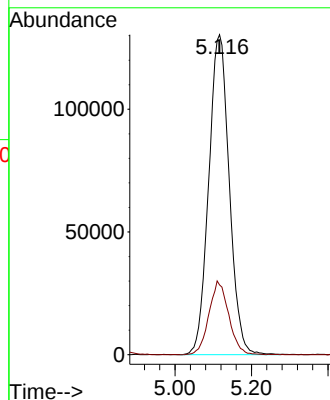
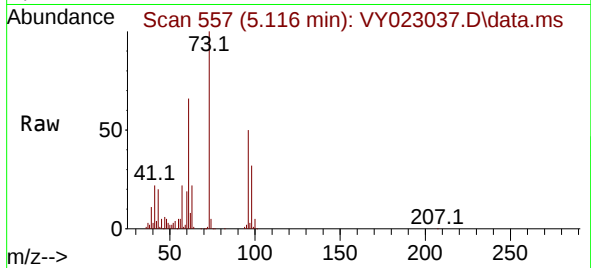
VSTDCCC050EC

Tgt Ion: 73 Resp: 486107

Ion Ratio Lower Upper

73 100

57 21.8 17.4 26.2



#20

Methylene Chloride

Concen: 52.461 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Tgt Ion: 84 Resp: 245177

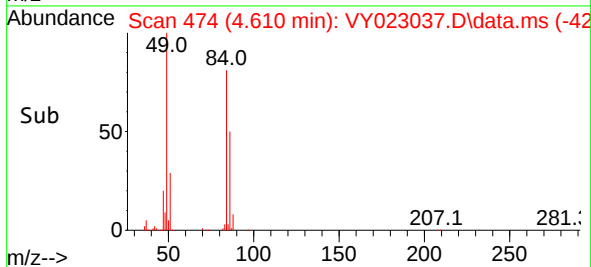
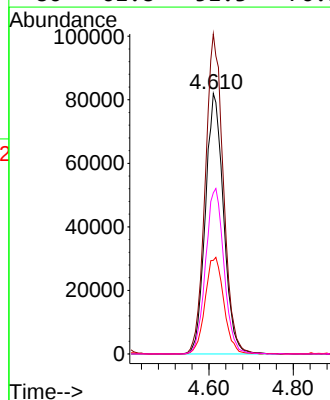
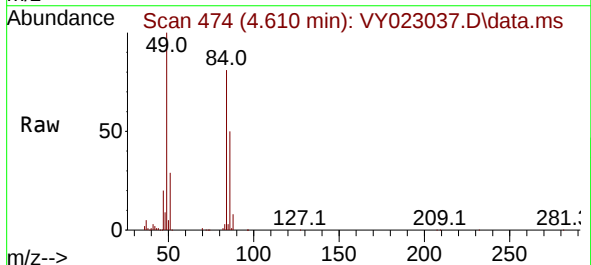
Ion Ratio Lower Upper

84 100

49 122.8 98.2 147.4

51 35.9 30.5 45.7

86 61.8 51.3 76.9

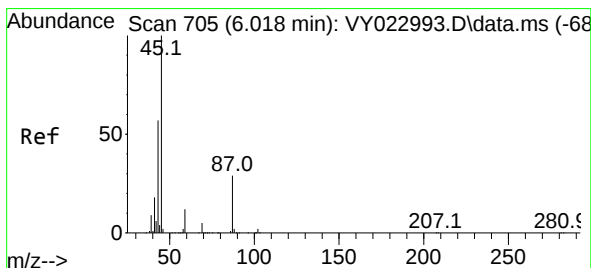
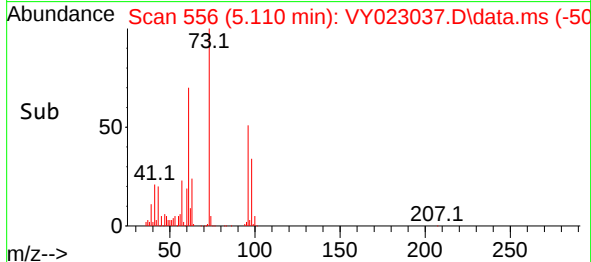
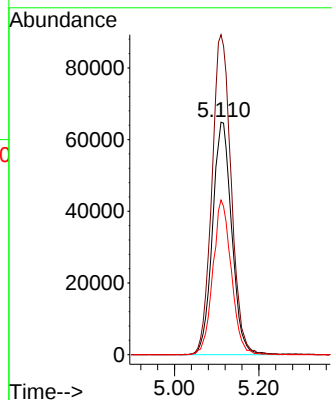
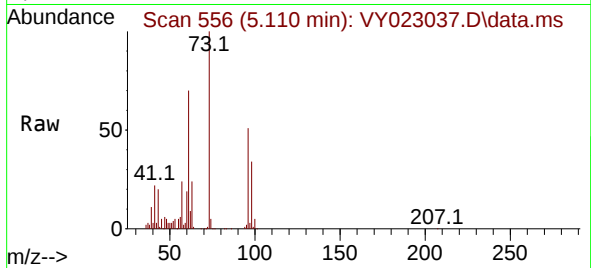




#21
trans-1,2-Dichloroethene
Concen: 47.486 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

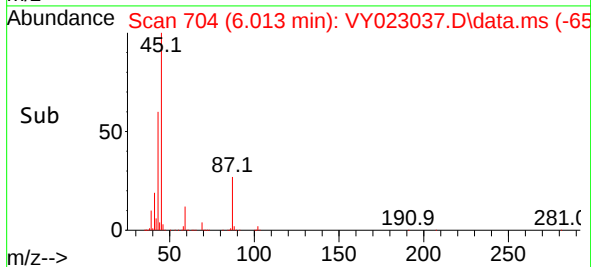
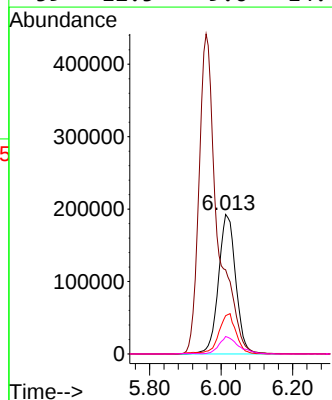
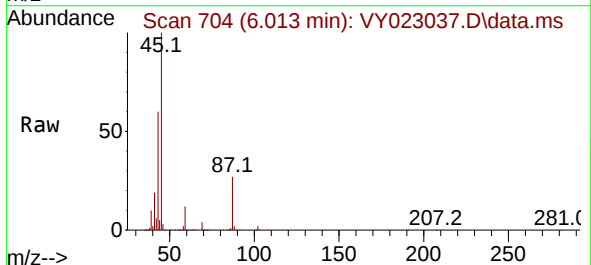
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 204974
Ion Ratio Lower Upper
96 100
61 137.7 107.4 161.2
98 66.5 49.3 73.9



#22
Diisopropyl ether
Concen: 51.489 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 45 Resp: 645325
Ion Ratio Lower Upper
45 100
43 60.2 45.3 67.9
87 27.4 23.3 34.9
59 12.5 9.6 14.4

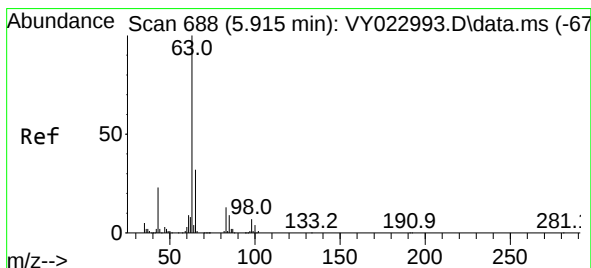
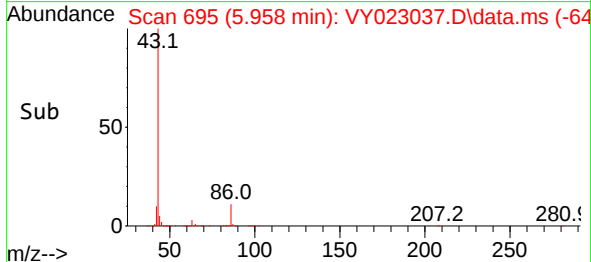
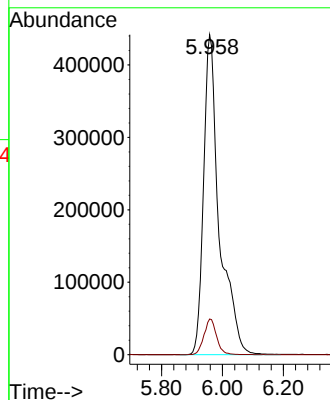
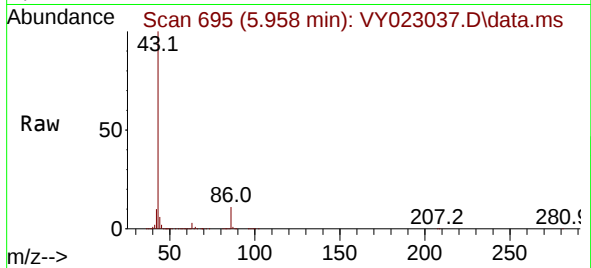




#23
 Vinyl Acetate
 Concen: 251.092 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY023037.D
 Acq: 21 Jul 2025 19:16

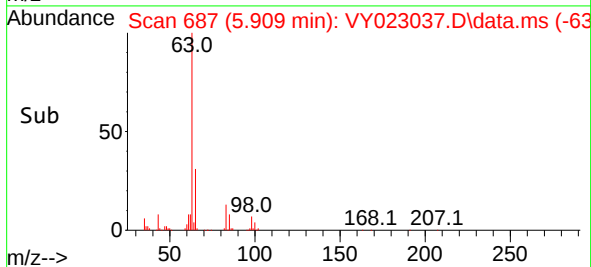
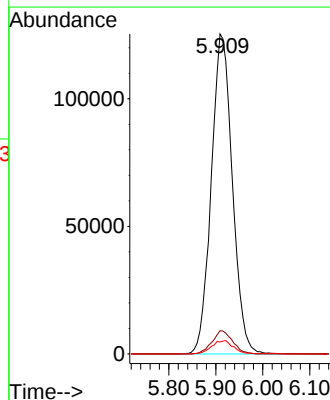
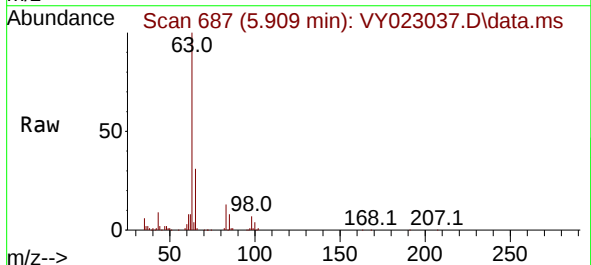
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

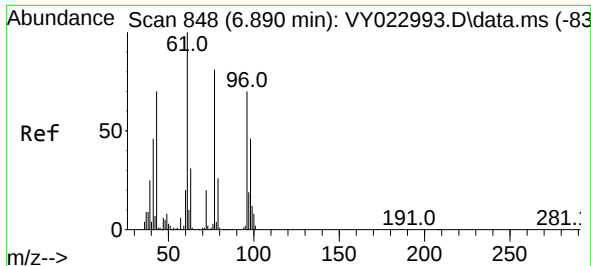
Tgt Ion: 43 Resp: 1585664
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 49.557 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY023037.D
 Acq: 21 Jul 2025 19:16

Tgt Ion: 63 Resp: 390117
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 3.8 2.1 6.2

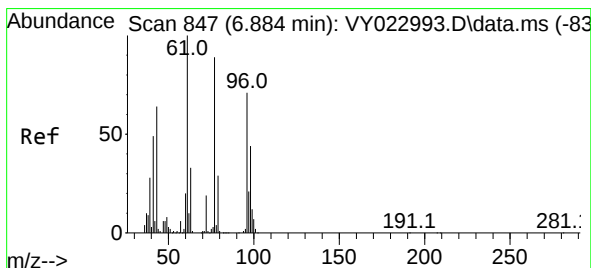
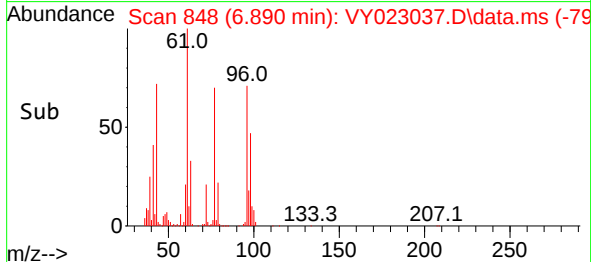
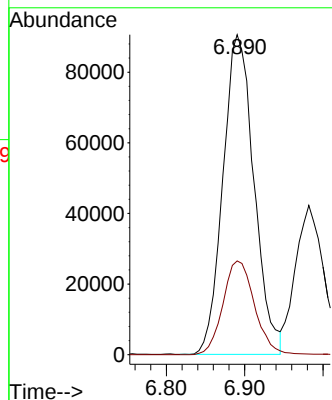
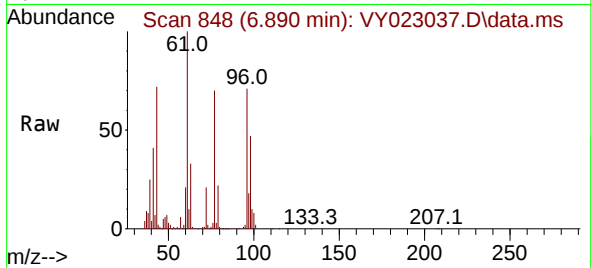




#25
2-Butanone
Concen: 259.880 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

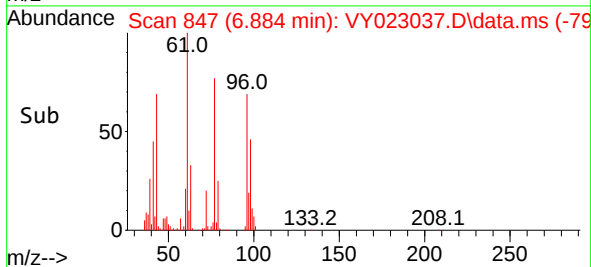
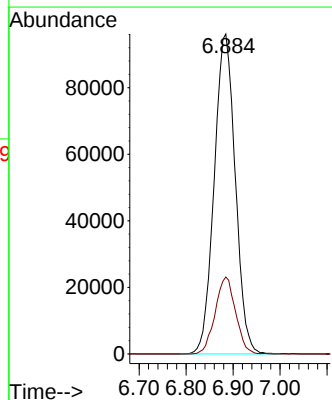
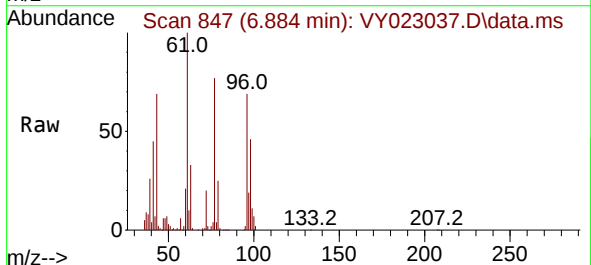
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

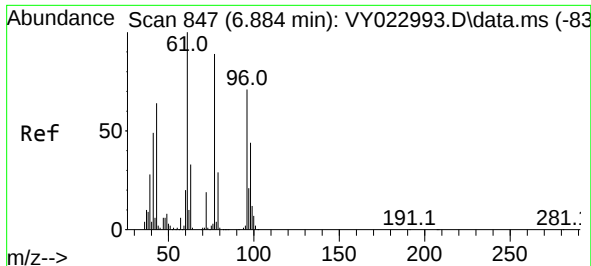
Tgt Ion: 43 Resp: 249667
Ion Ratio Lower Upper
43 100
72 29.4 22.9 34.3



#26
2,2-Dichloropropane
Concen: 43.384 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 77 Resp: 299317
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 49.131 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

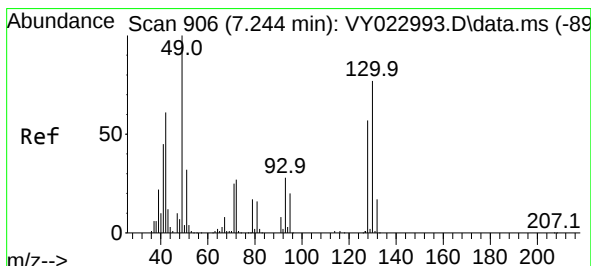
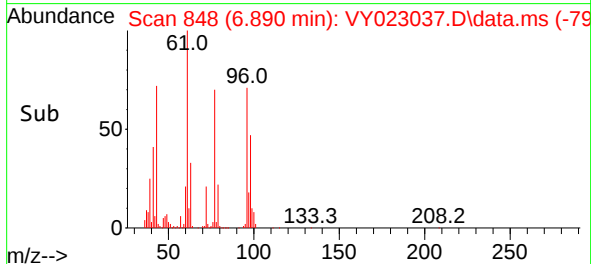
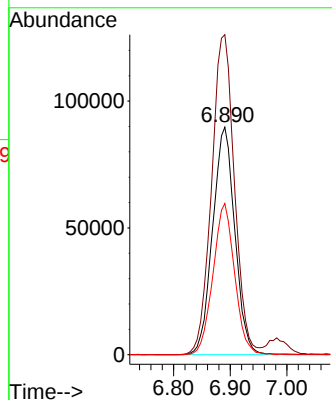
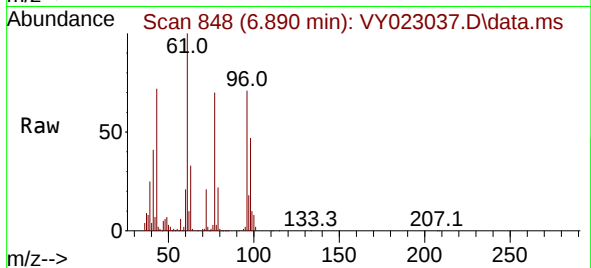
Tgt Ion: 96 Resp: 244418

Ion Ratio Lower Upper

96 100

61 144.6 0.0 286.2

98 64.6 0.0 127.4



#28

Bromochloromethane

Concen: 53.625 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

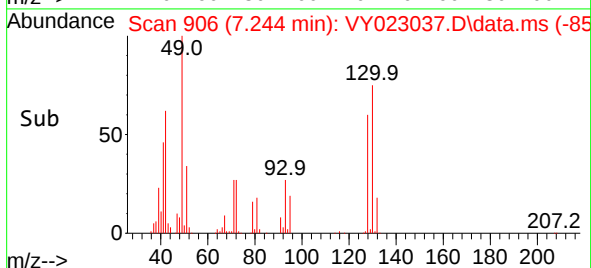
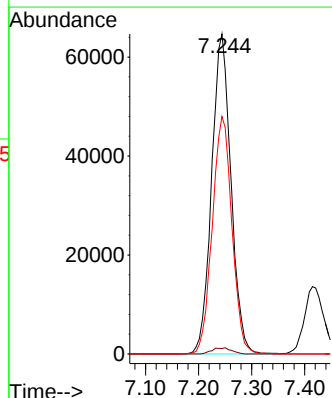
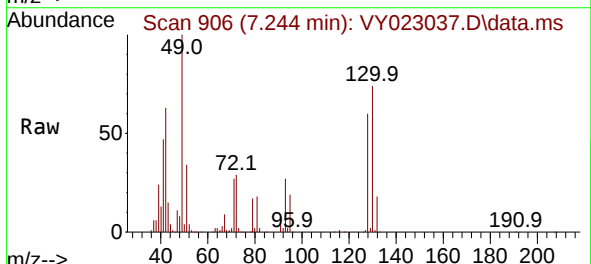
Tgt Ion: 49 Resp: 163732

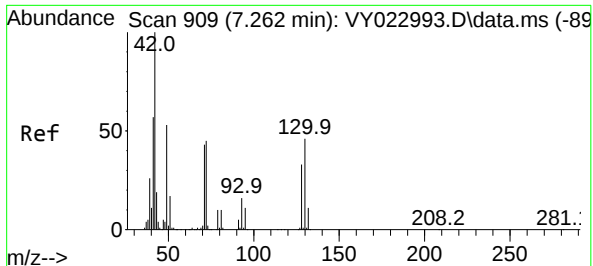
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 75.3 61.8 92.8





#29

Tetrahydrofuran

Concen: 275.629 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

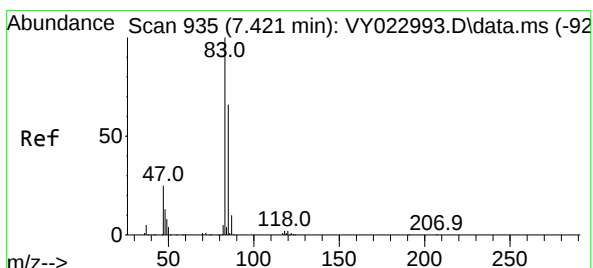
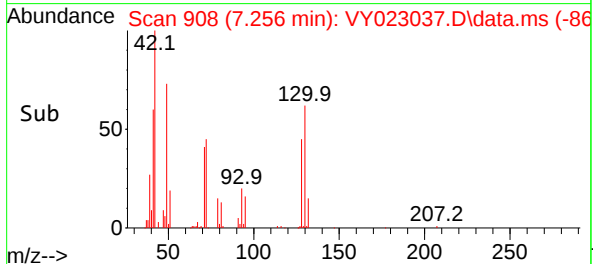
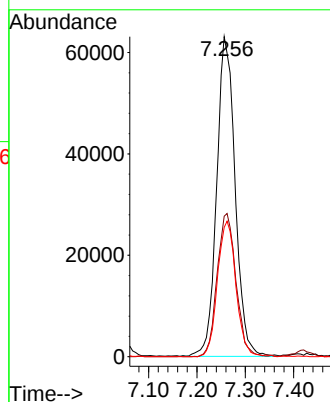
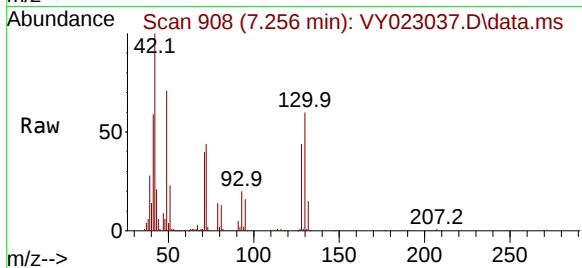
Tgt Ion: 42 Resp: 167649

Ion Ratio Lower Upper

42 100

72 45.6 37.5 56.3

71 42.1 34.2 51.4



#30

Chloroform

Concen: 51.090 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023037.D

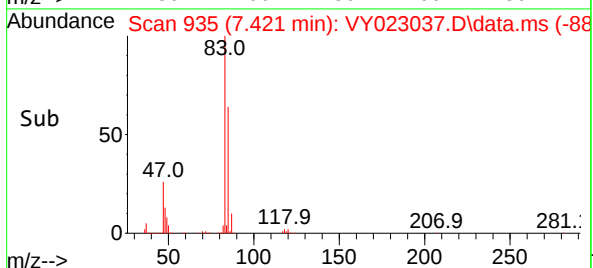
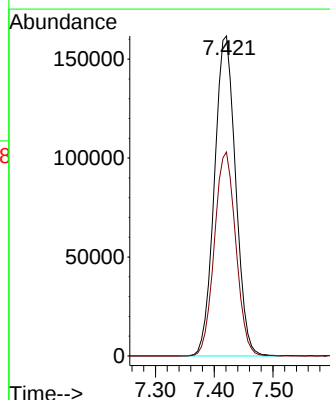
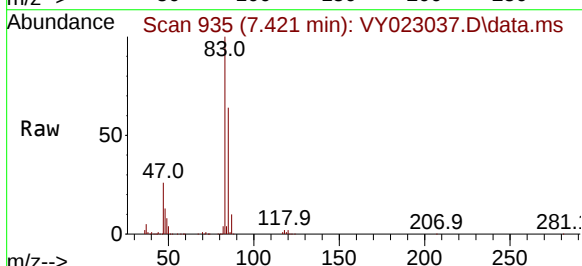
Acq: 21 Jul 2025 19:16

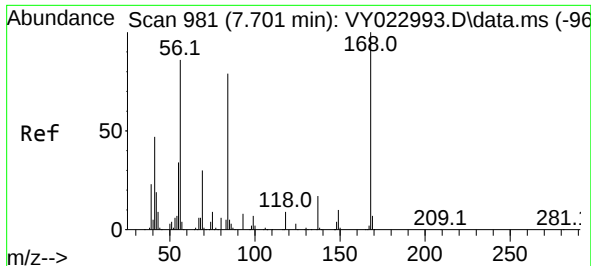
Tgt Ion: 83 Resp: 405722

Ion Ratio Lower Upper

83 100

85 63.7 52.6 78.8

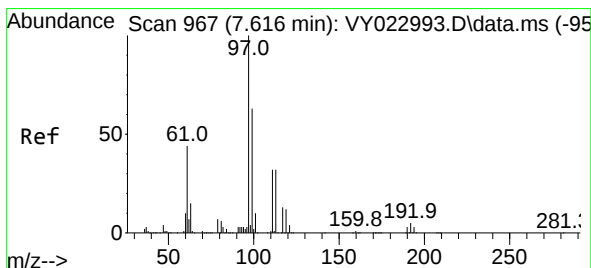
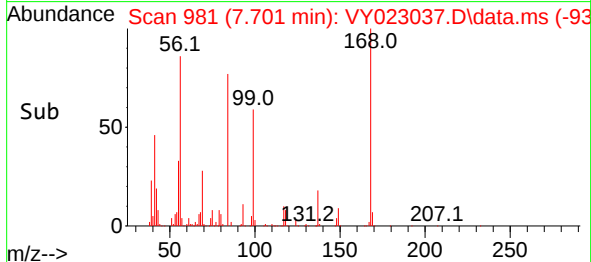
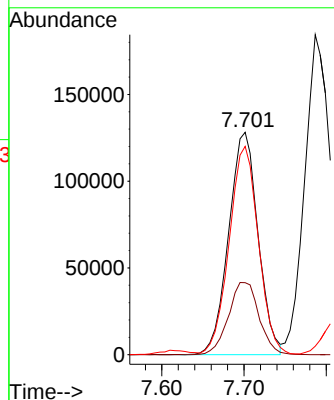
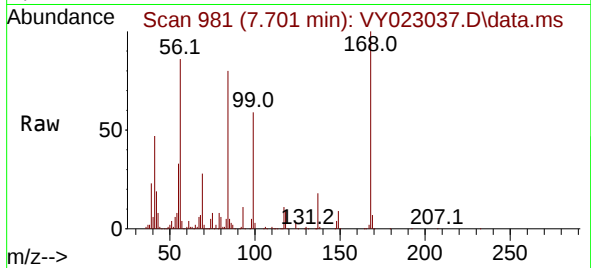




#31
Cyclohexane
Concen: 43.302 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

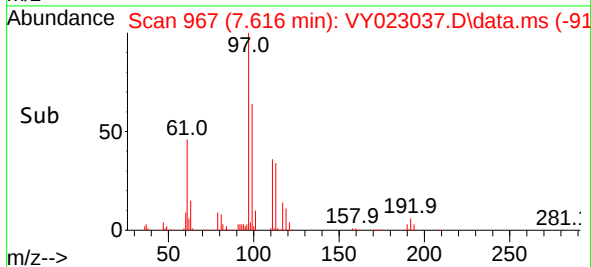
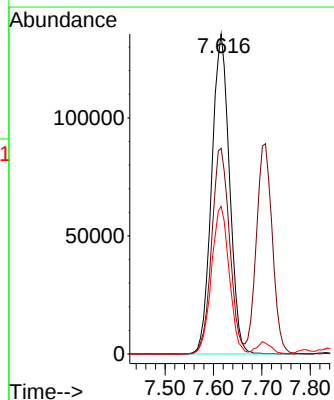
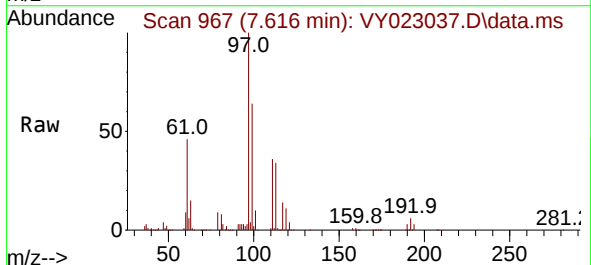
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

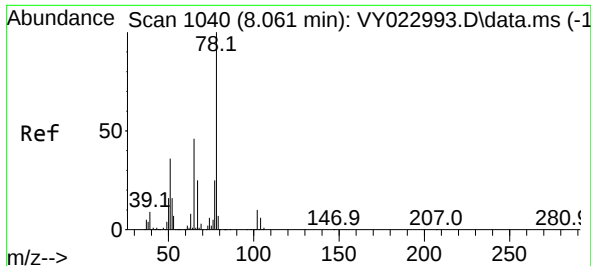
Tgt Ion: 56 Resp: 318510
Ion Ratio Lower Upper
56 100
69 32.3 28.1 42.1
84 92.0 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 47.946 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 97 Resp: 345470
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 46.3 36.1 54.1

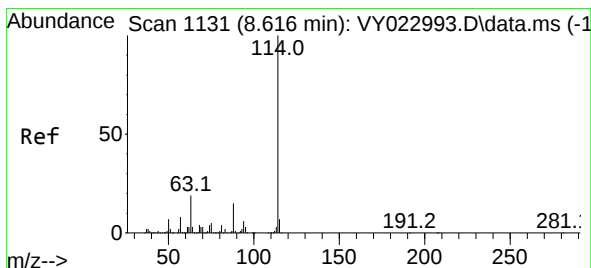
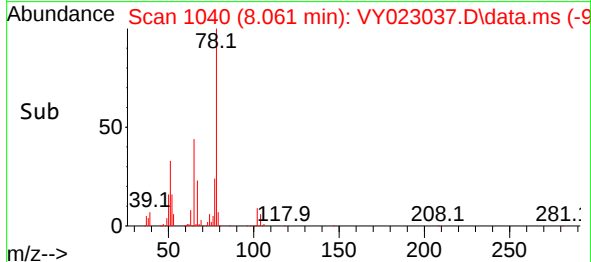
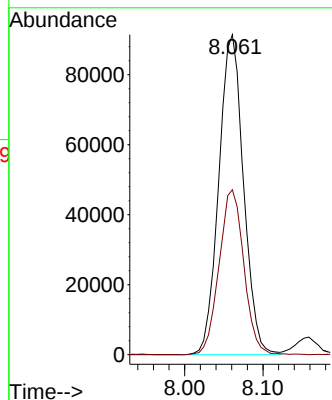
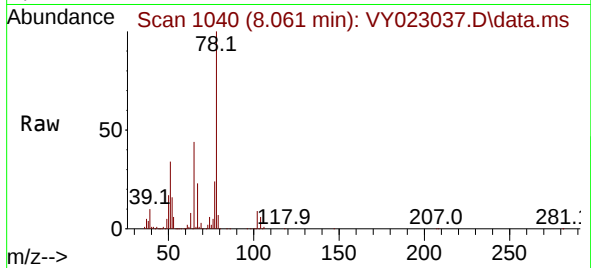




#33
 1,2-Dichloroethane-d4
 Concen: 54.308 ug/l
 RT: 8.061 min Scan# 1100
 Delta R.T. 0.000 min
 Lab File: VY023037.D
 Acq: 21 Jul 2025 19:16

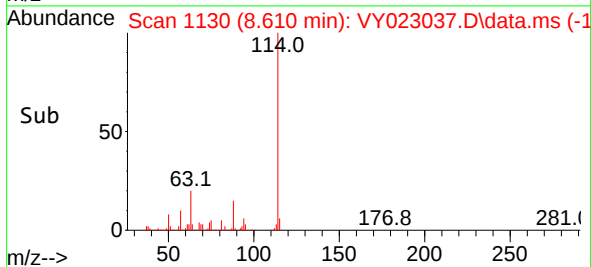
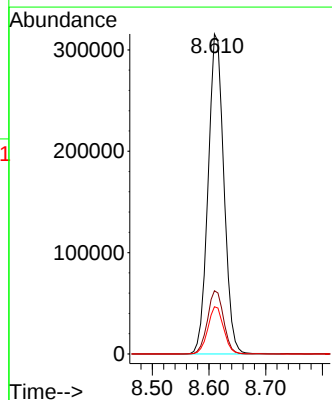
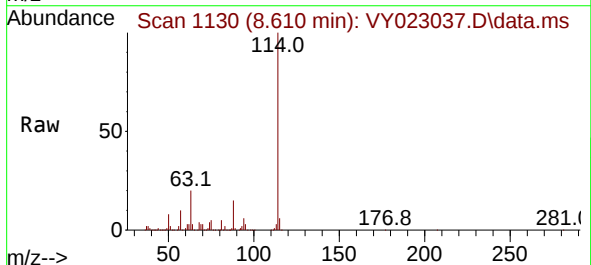
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

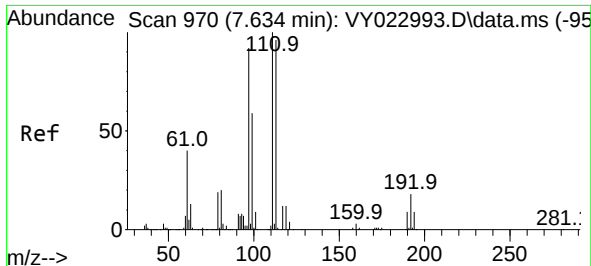
Tgt Ion: 65 Resp: 200633
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY023037.D
 Acq: 21 Jul 2025 19:16

Tgt Ion: 114 Resp: 608629
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 14.8 0.0 30.2

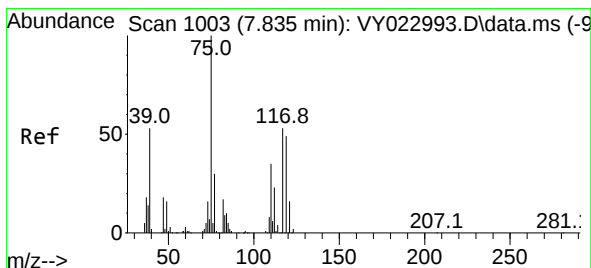
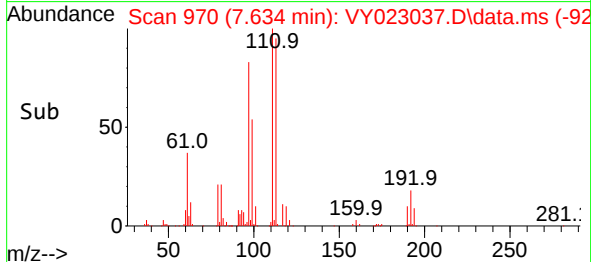
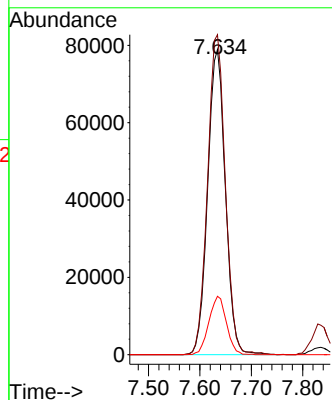
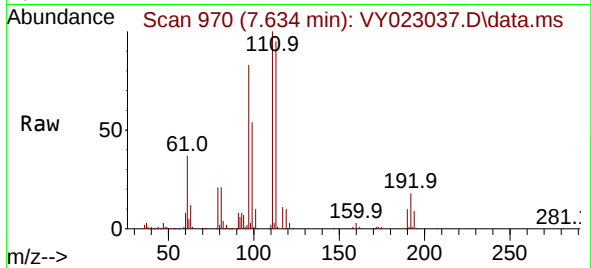




#35
Dibromofluoromethane
Concen: 48.883 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

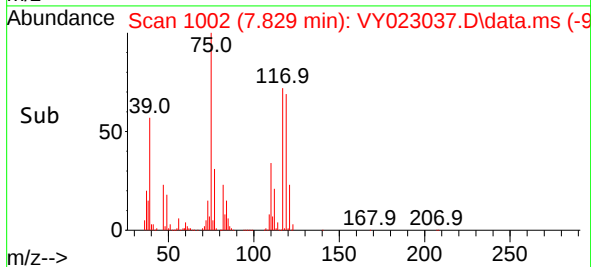
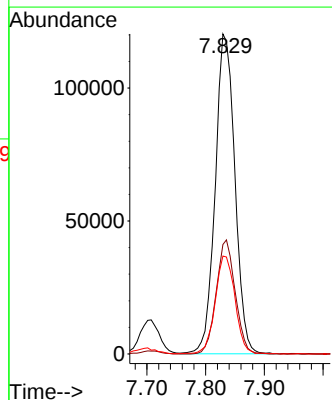
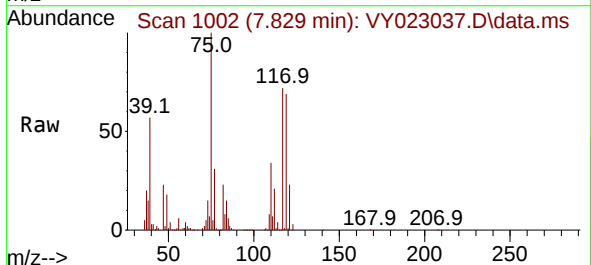
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

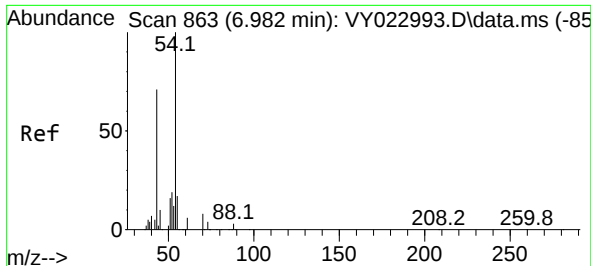
Tgt Ion:113 Resp: 188725
Ion Ratio Lower Upper
113 100
111 105.5 83.2 124.8
192 19.0 15.3 22.9



#36
1,1-Dichloropropene
Concen: 46.015 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 75 Resp: 279833
Ion Ratio Lower Upper
75 100
110 34.4 17.3 51.9
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 49.061 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

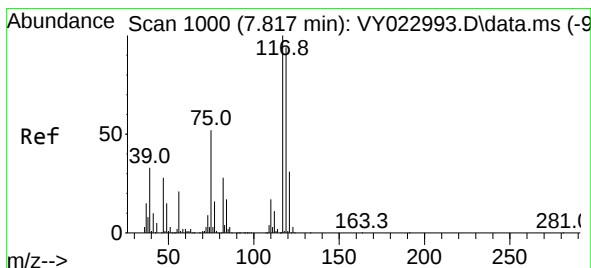
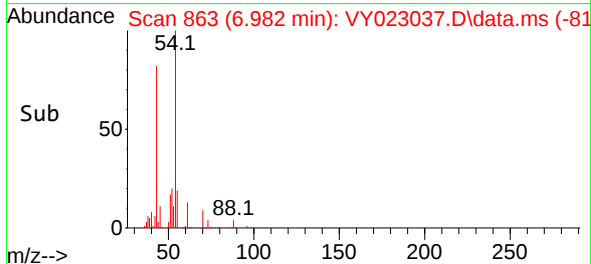
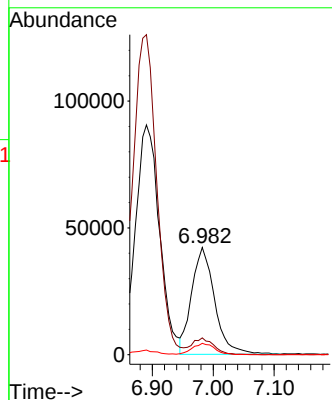
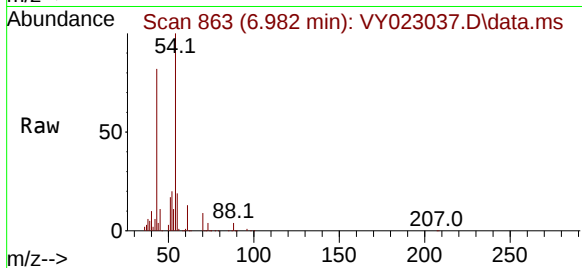
Tgt Ion: 43 Resp: 110808

Ion Ratio Lower Upper

43 100

61 14.4 11.6 17.4

70 10.3 8.5 12.7



#38

Carbon Tetrachloride

Concen: 45.558 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

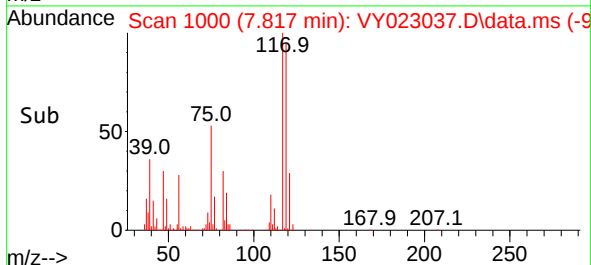
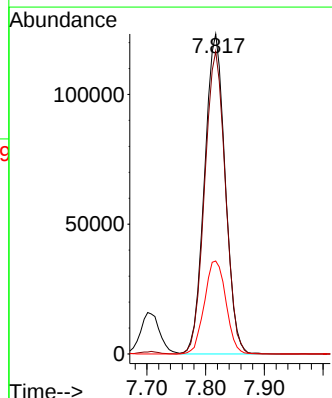
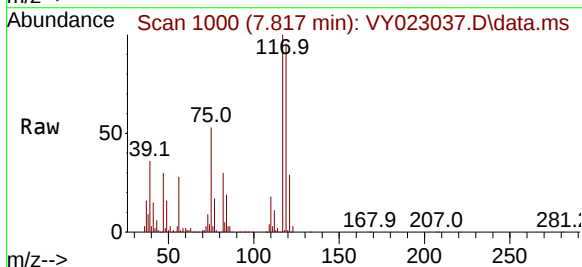
Tgt Ion: 117 Resp: 300995

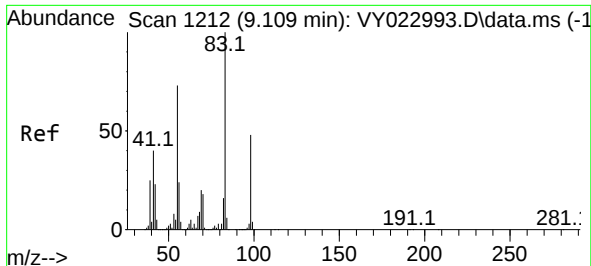
Ion Ratio Lower Upper

117 100

119 94.6 74.9 112.3

121 29.0 24.6 37.0





#39

Methylcyclohexane

Concen: 44.125 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

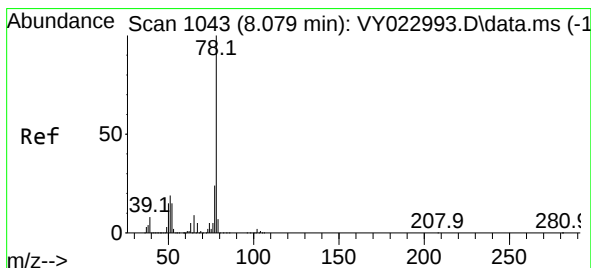
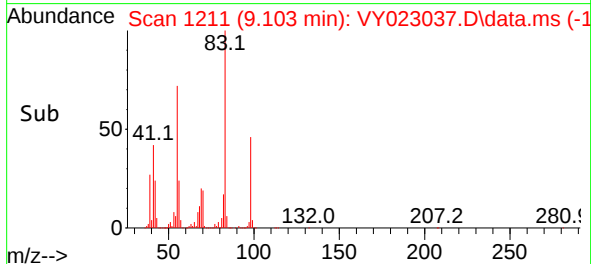
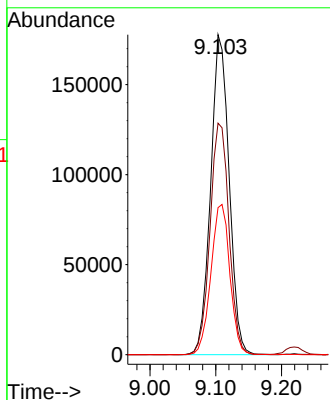
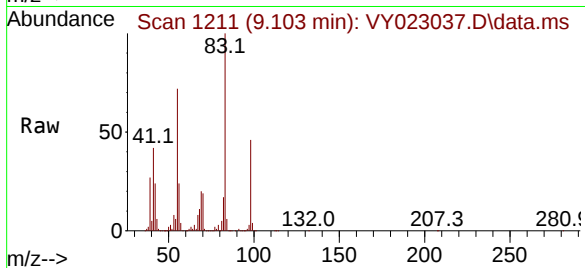
Tgt Ion: 83 Resp: 347320

Ion Ratio Lower Upper

83 100

55 72.4 58.1 87.1

98 45.9 38.5 57.7



#40

Benzene

Concen: 48.766 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023037.D

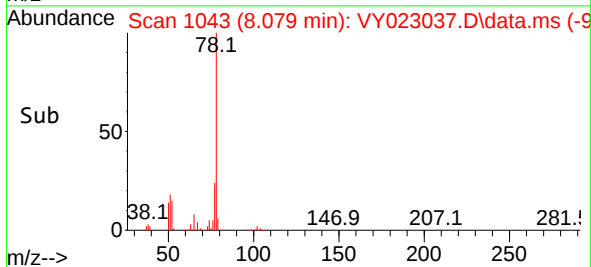
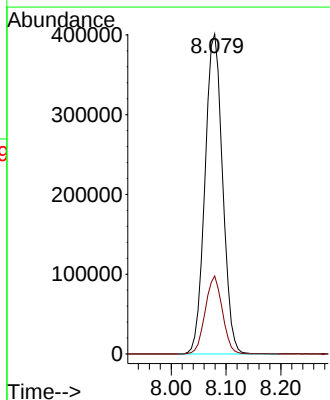
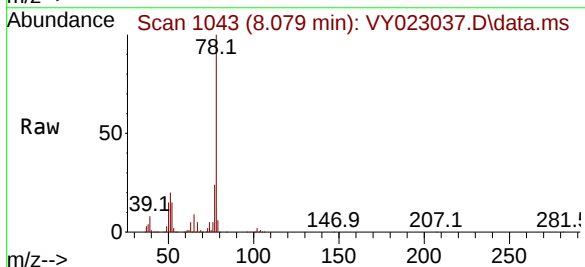
Acq: 21 Jul 2025 19:16

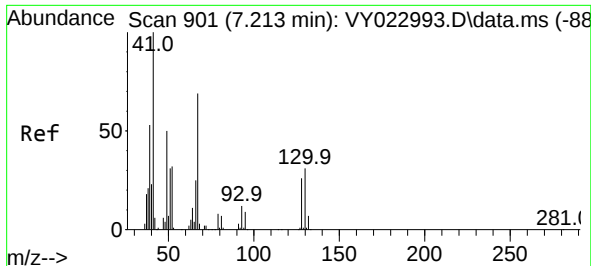
Tgt Ion: 78 Resp: 892923

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4

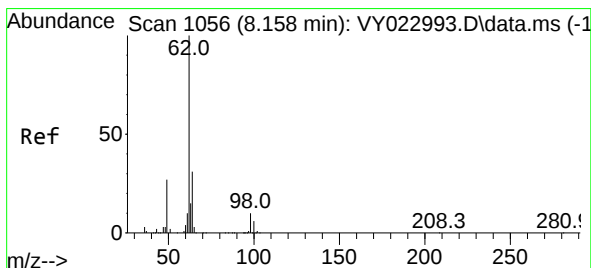
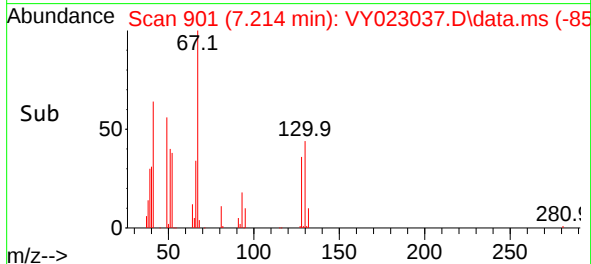
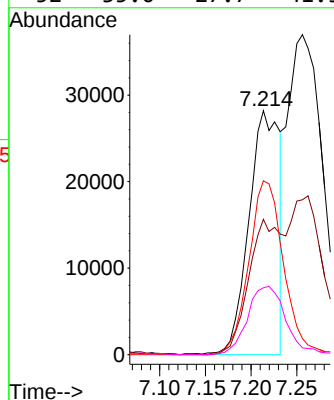
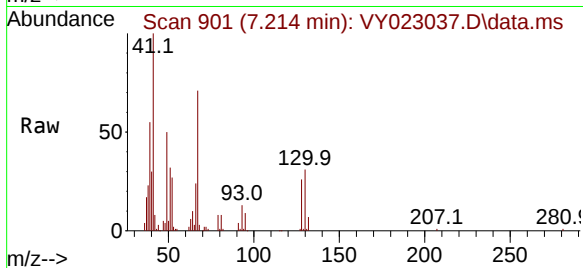




#41
Methacrylonitrile
Concen: 53.684 ug/l
RT: 7.214 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

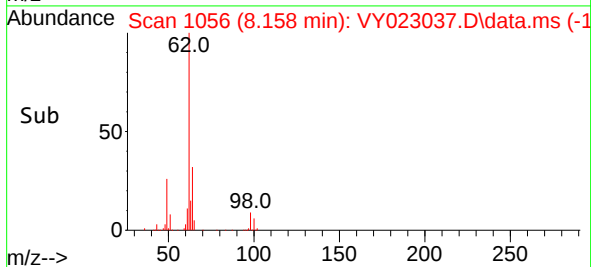
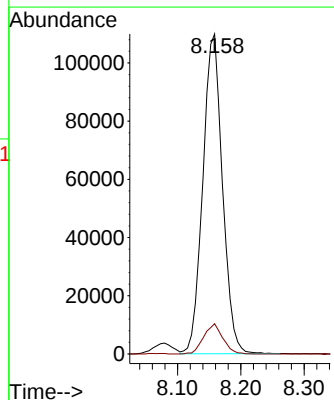
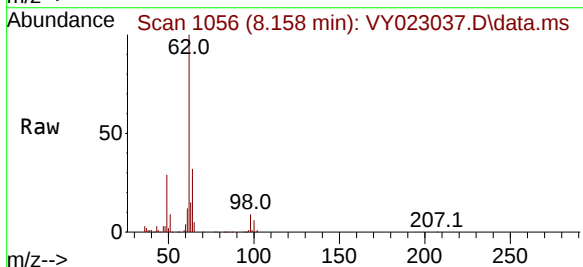
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

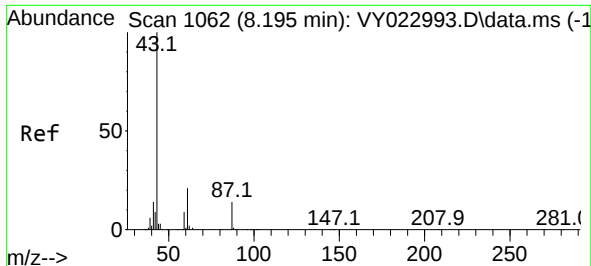
Tgt Ion:	41	Resp:	66052
Ion	Ratio	Lower	Upper
41	100		
39	63.2	50.0	75.0
67	80.6	65.4	98.2
52	35.0	27.7	41.5



#42
1,2-Dichloroethane
Concen: 52.184 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion:	62	Resp:	237723
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0

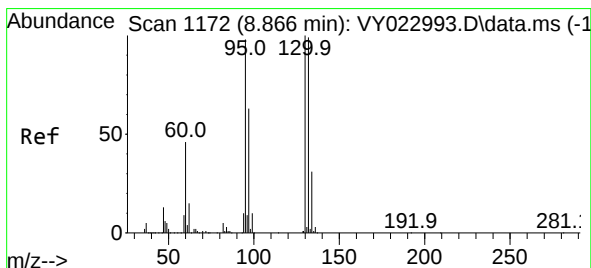
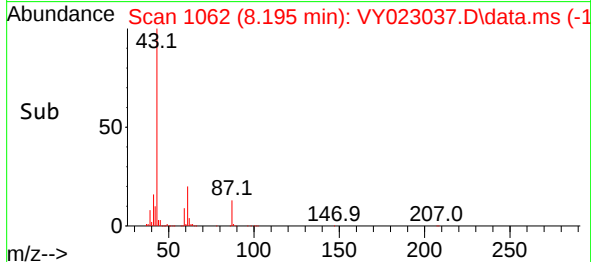
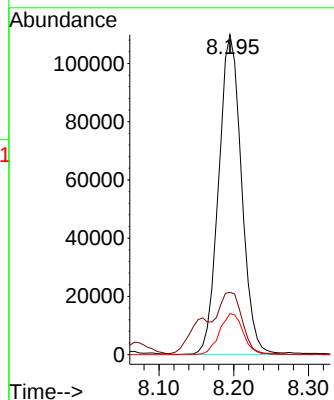
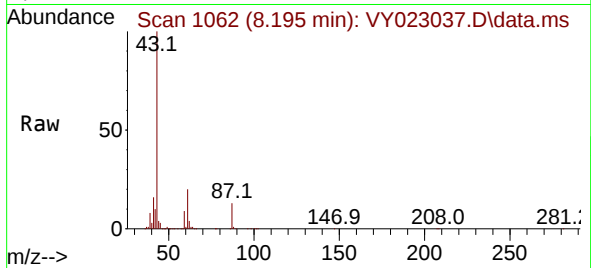




#43
Isopropyl Acetate
Concen: 51.904 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

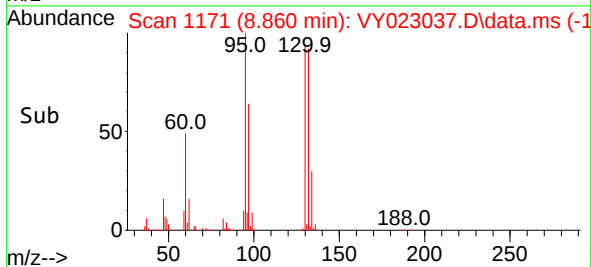
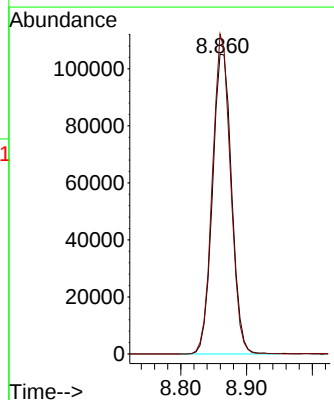
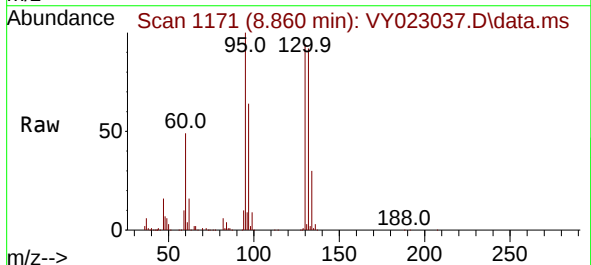
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

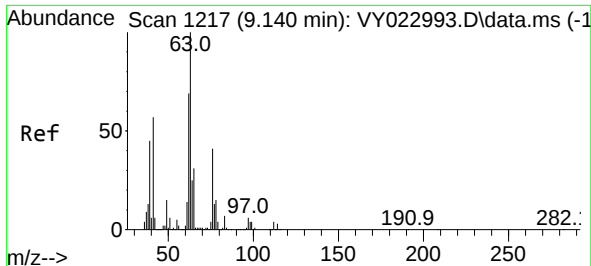
Tgt Ion: 43 Resp: 232858
Ion Ratio Lower Upper
43 100
61 20.4 25.0 37.4#
87 13.4 11.1 16.7



#44
Trichloroethene
Concen: 45.298 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion:130 Resp: 213038
Ion Ratio Lower Upper
130 100
95 106.7 0.0 195.8





#45

1,2-Dichloropropane

Concen: 49.079 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

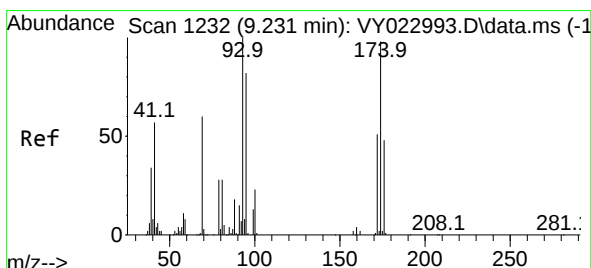
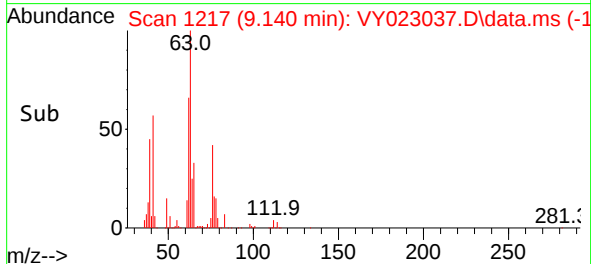
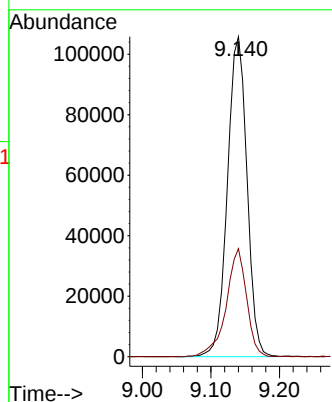
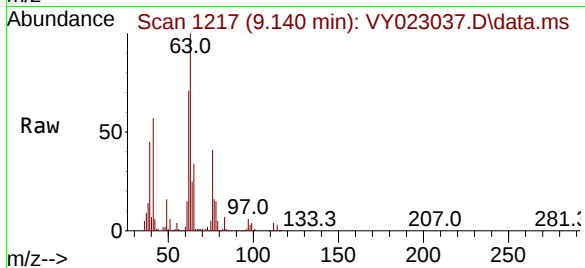
VSTDCCC050EC

Tgt Ion: 63 Resp: 209857

Ion Ratio Lower Upper

63 100

65 33.7 24.6 37.0



#46

Dibromomethane

Concen: 51.242 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

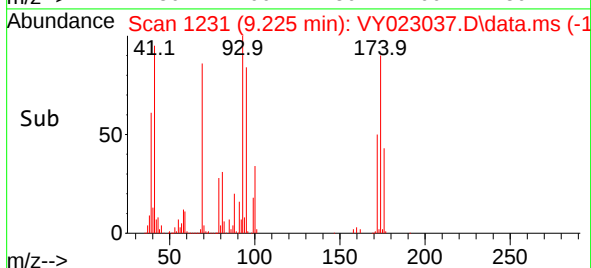
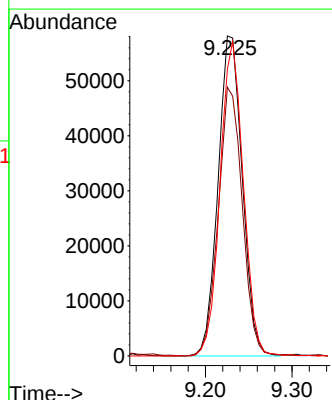
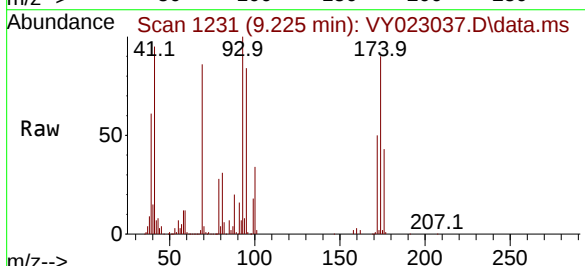
Tgt Ion: 93 Resp: 113255

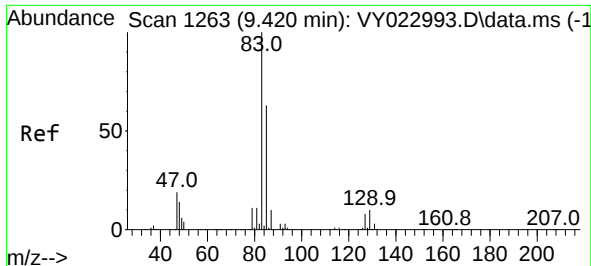
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 94.1 76.4 114.6

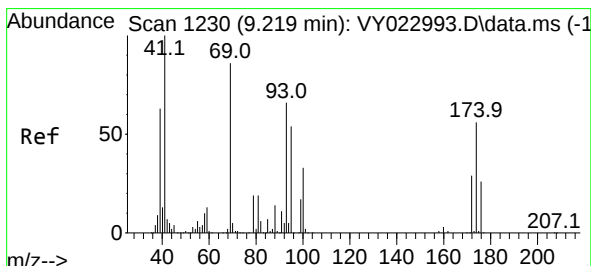
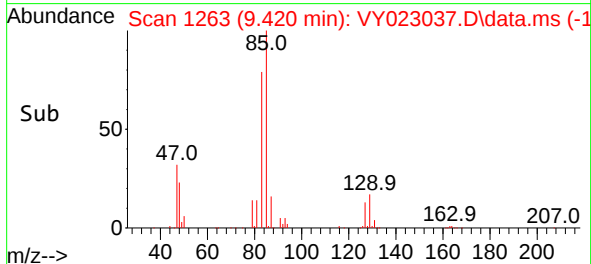
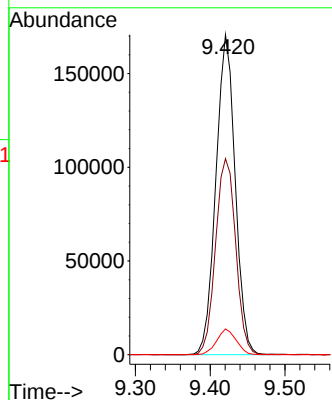
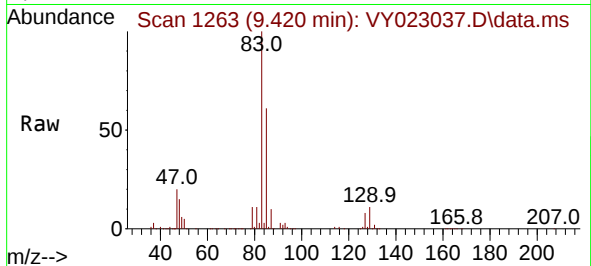




#47
Bromodichloromethane
Concen: 50.179 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

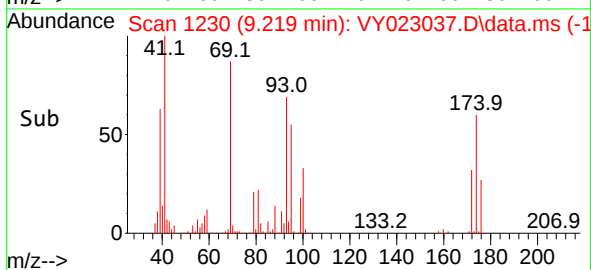
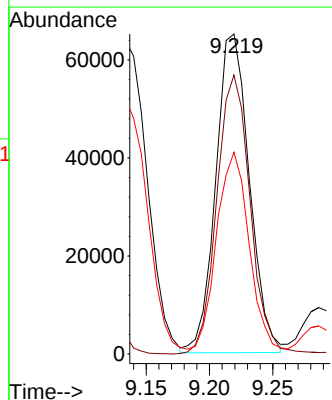
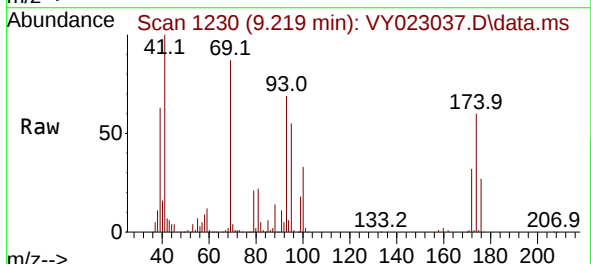
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

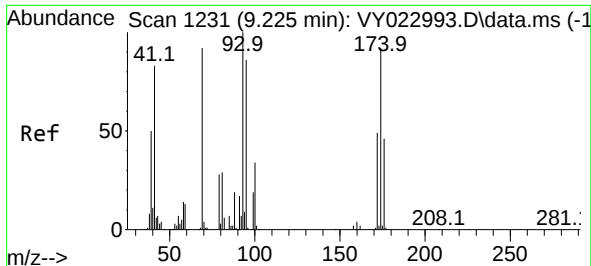
Tgt Ion: 83 Resp: 306564
Ion Ratio Lower Upper
83 100
85 61.2 50.6 75.8
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 55.511 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 41 Resp: 120235
Ion Ratio Lower Upper
41 100
69 86.8 71.4 107.0
39 59.3 47.8 71.8





#49

1,4-Dioxane

Concen: 1093.044 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

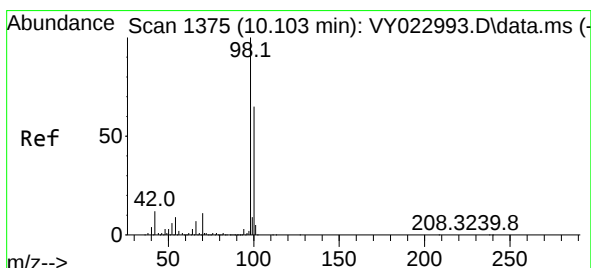
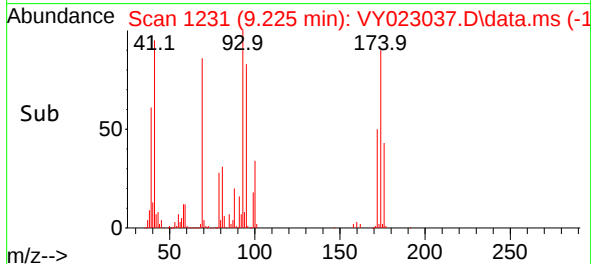
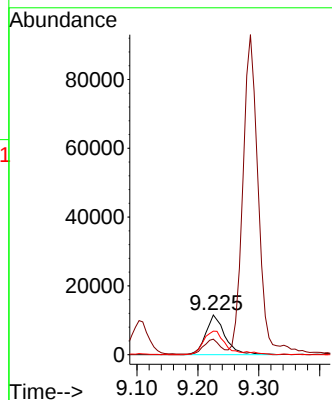
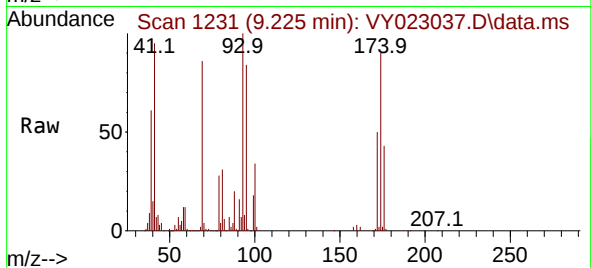
Tgt Ion: 88 Resp: 25465

Ion Ratio Lower Upper

88 100

43 32.3 28.7 43.1

58 64.6 59.8 89.6



#50

Toluene-d8

Concen: 49.009 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023037.D

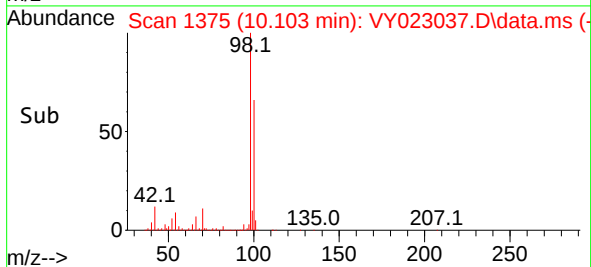
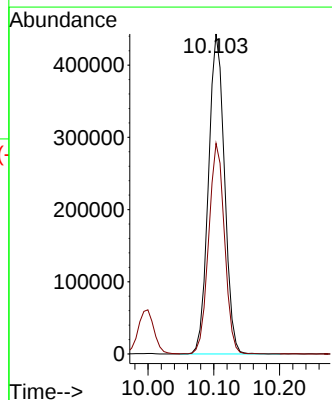
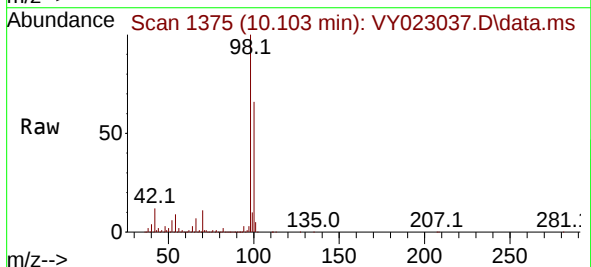
Acq: 21 Jul 2025 19:16

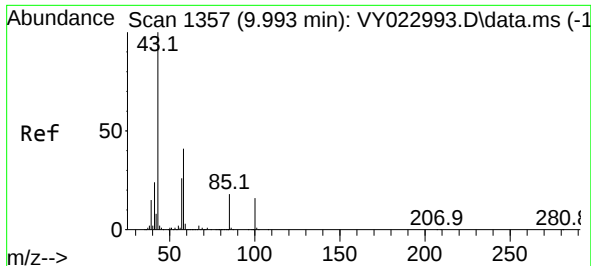
Tgt Ion: 98 Resp: 750336

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 274.629 ug/l

RT: 9.994 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

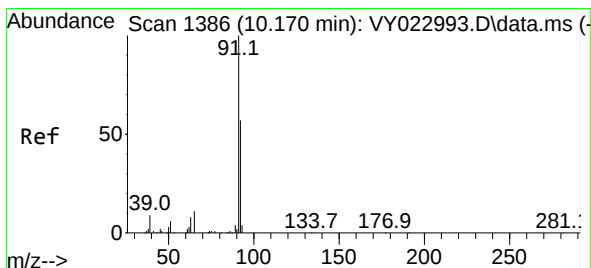
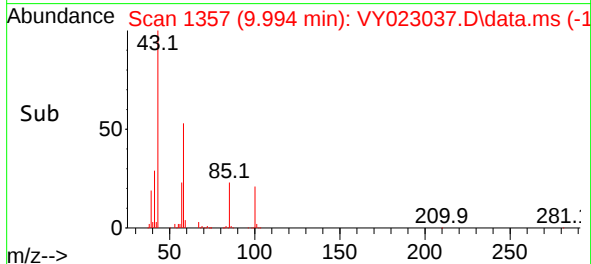
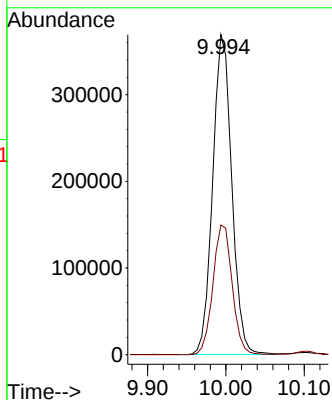
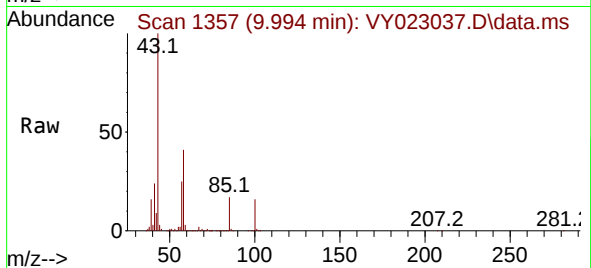
VSTDCCC050EC

Tgt Ion: 43 Resp: 625368

Ion Ratio Lower Upper

43 100

58 41.0 32.5 48.7



#52

Toluene

Concen: 48.565 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023037.D

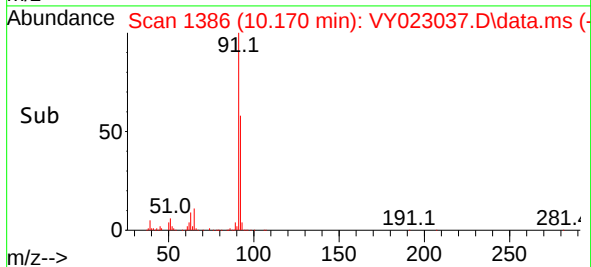
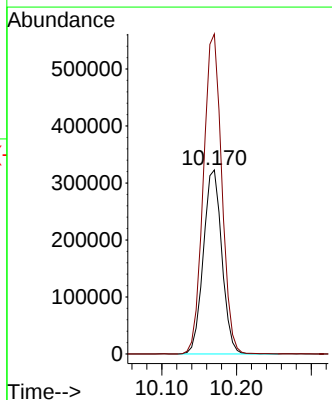
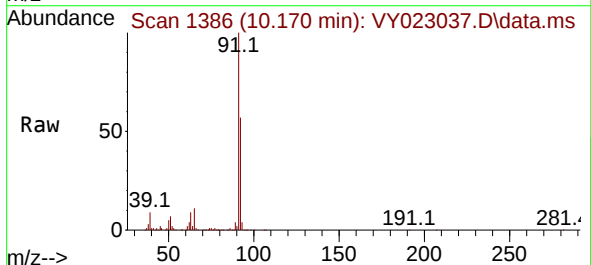
Acq: 21 Jul 2025 19:16

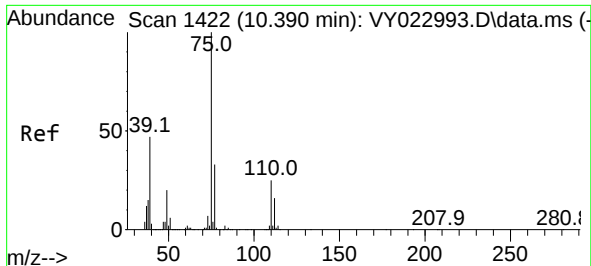
Tgt Ion: 92 Resp: 552862

Ion Ratio Lower Upper

92 100

91 173.3 137.8 206.6





#53

t-1,3-Dichloropropene

Concen: 49.912 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

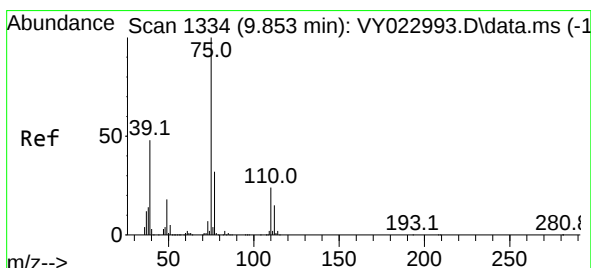
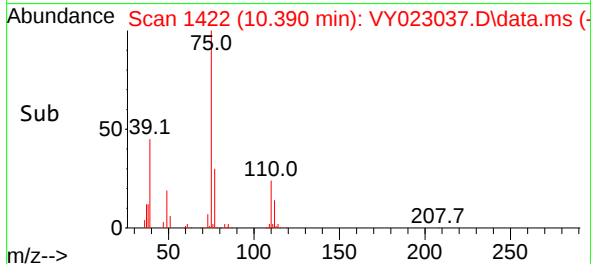
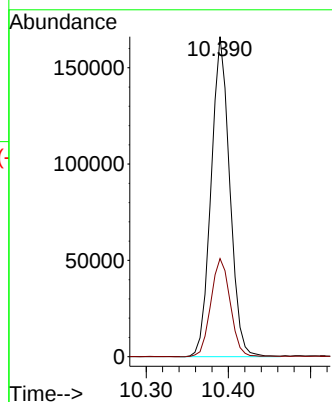
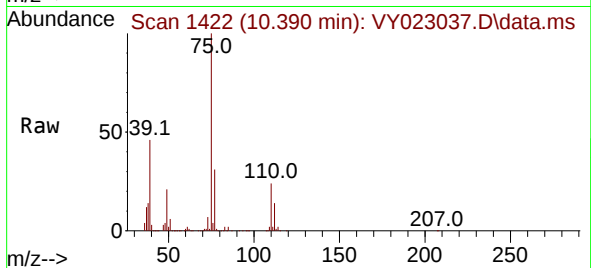
VSTDCCC050EC

Tgt Ion: 75 Resp: 261758

Ion Ratio Lower Upper

75 100

77 30.6 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 49.731 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

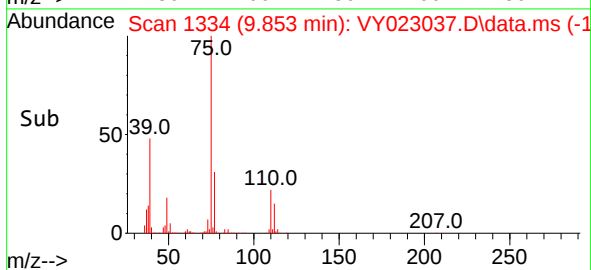
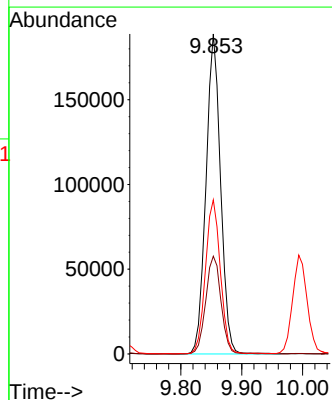
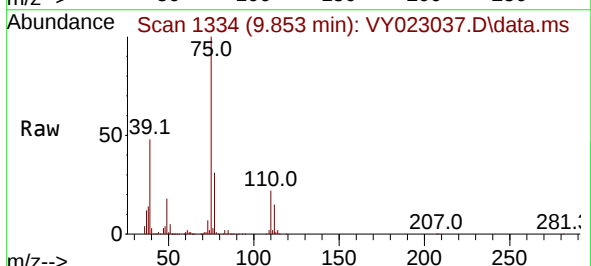
Tgt Ion: 75 Resp: 314351

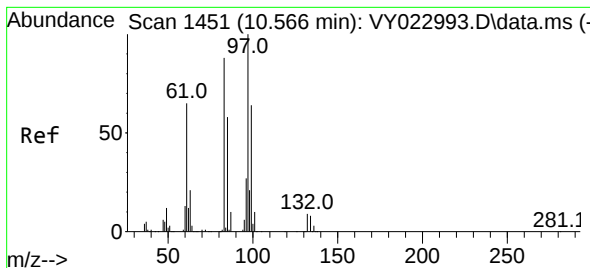
Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0

39 48.0 38.2 57.2

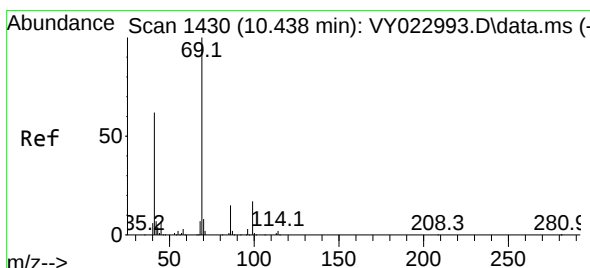
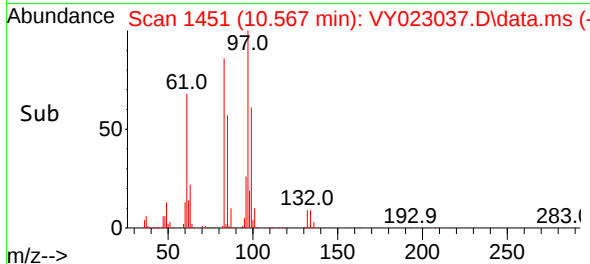
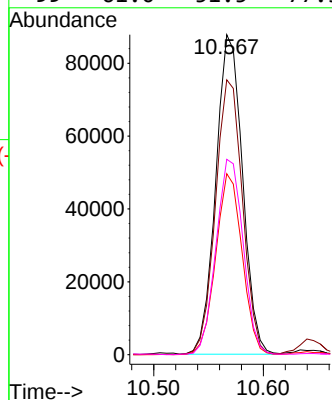
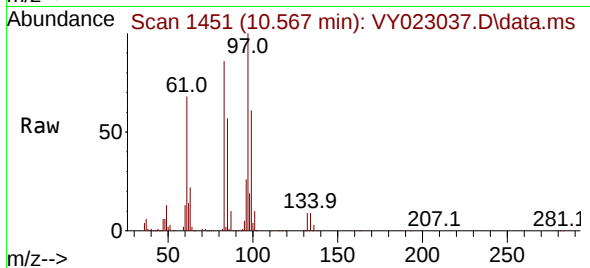




#55
1,1,2-Trichloroethane
Concen: 51.144 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

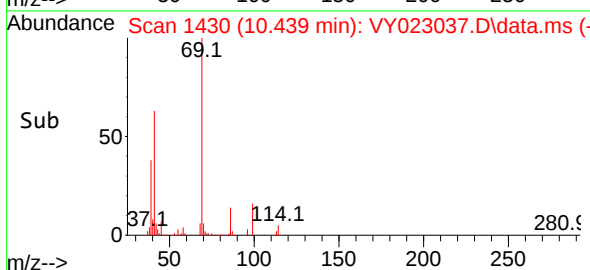
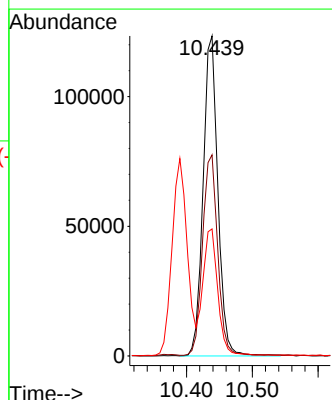
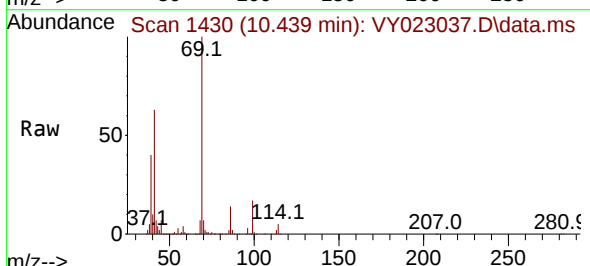
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

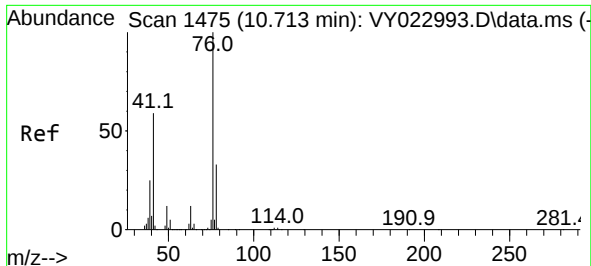
Tgt Ion: 97	Resp: 148571
Ion Ratio	Lower Upper
97 100	
83 85.9	70.2 105.2
85 56.6	46.2 69.2
99 61.0	51.5 77.3



#56
Ethyl methacrylate
Concen: 53.131 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 69	Resp: 192668
Ion Ratio	Lower Upper
69 100	
41 64.2	51.0 76.4
39 39.8	30.6 46.0

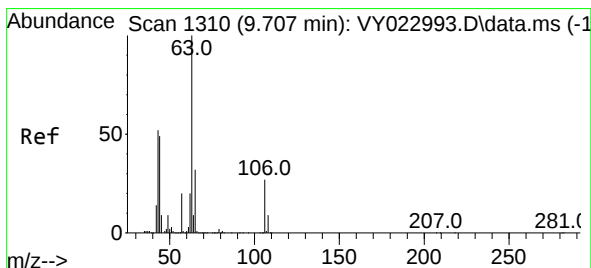
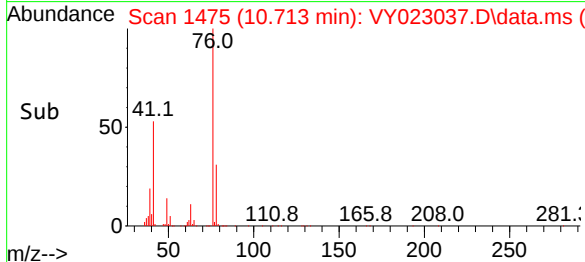
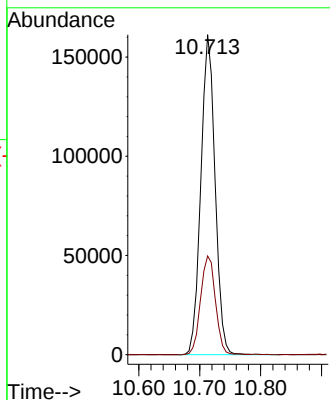
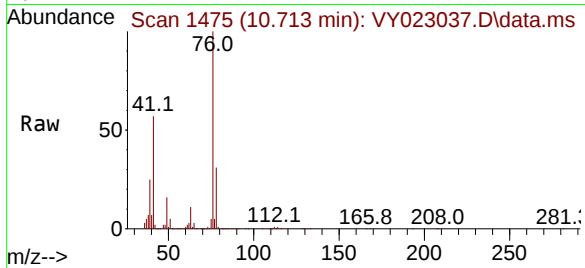




#57
1,3-Dichloropropane
Concen: 52.107 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

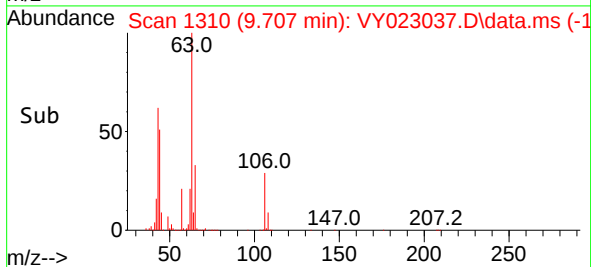
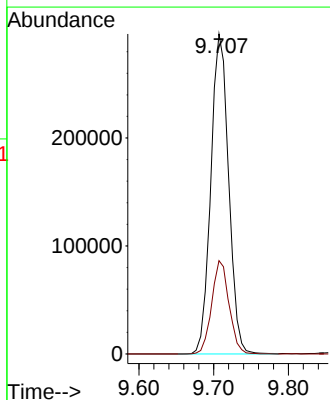
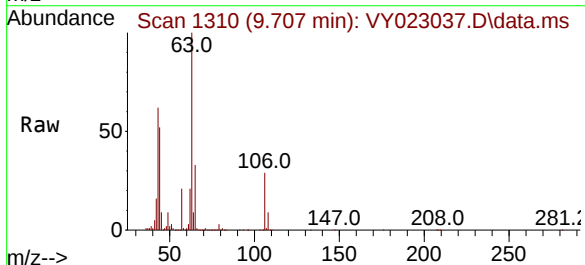
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

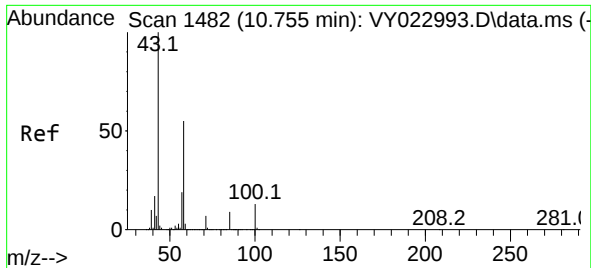
Tgt Ion: 76 Resp: 261483
Ion Ratio Lower Upper
76 100
78 32.2 26.6 39.8



#58
2-Chloroethyl Vinyl ether
Concen: 276.893 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 63 Resp: 491519
Ion Ratio Lower Upper
63 100
106 28.4 22.6 33.8

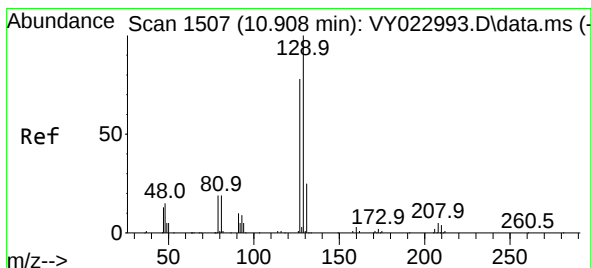
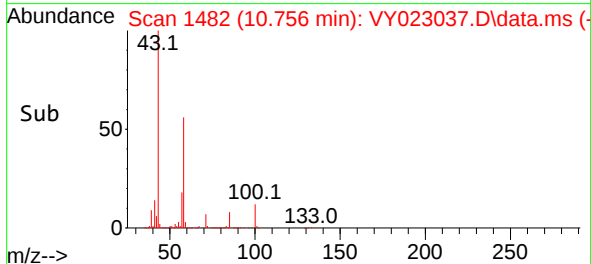
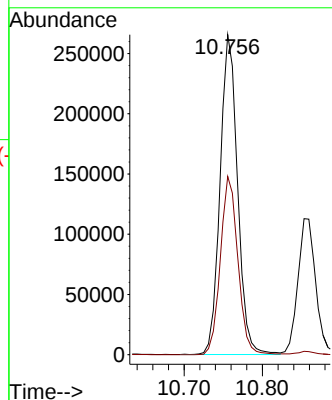
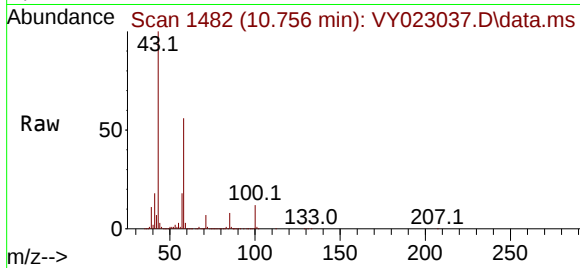




#59
2-Hexanone
Concen: 275.436 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

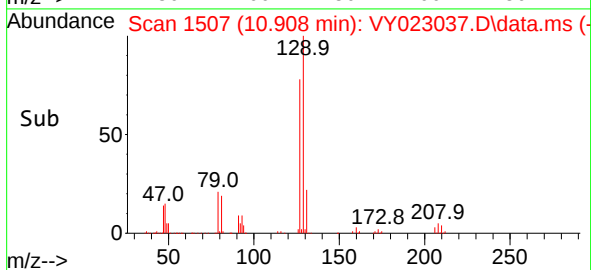
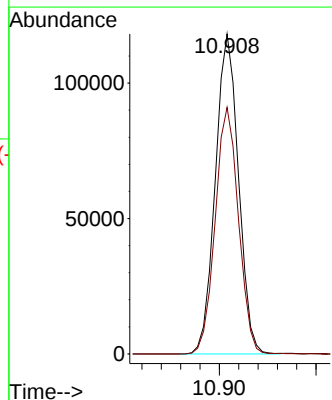
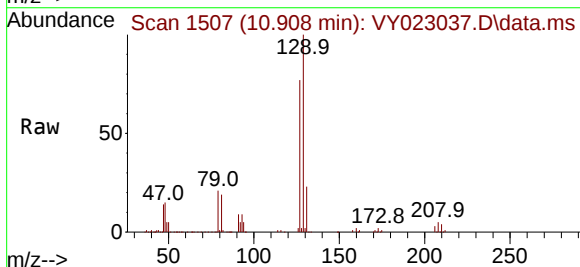
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

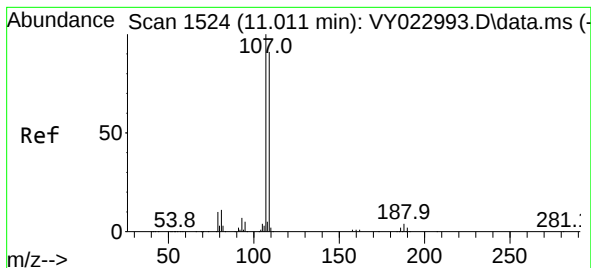
Tgt Ion: 43 Resp: 412272
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 51.572 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion:129 Resp: 196174
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

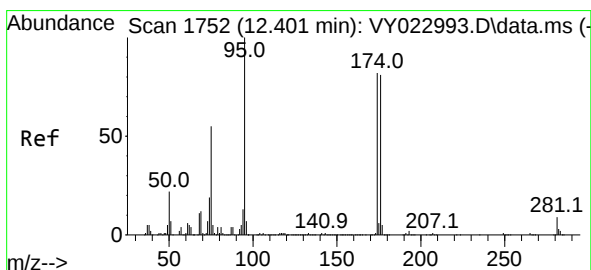
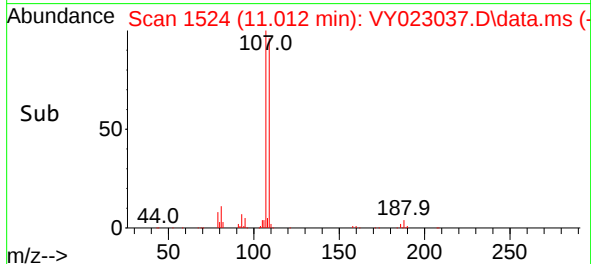
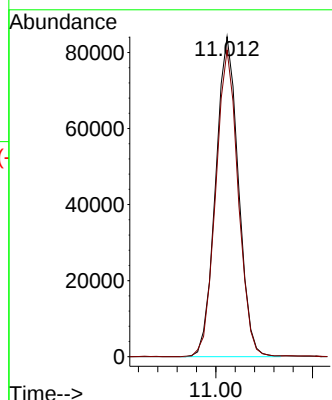
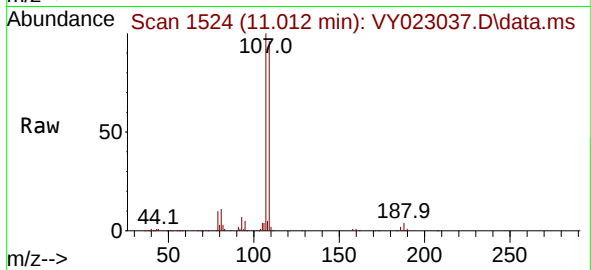




#61
1,2-Dibromoethane
Concen: 51.963 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

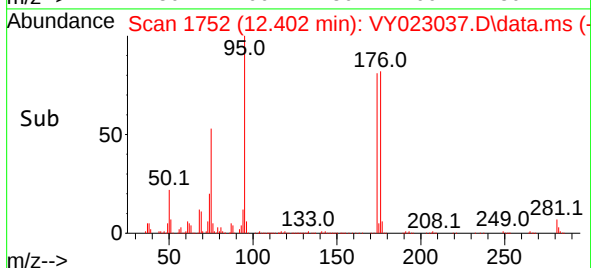
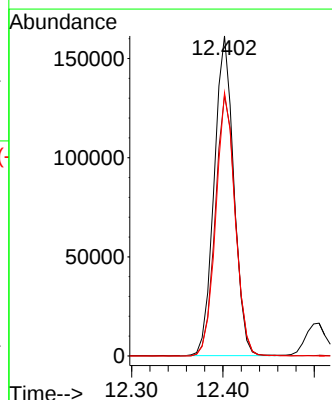
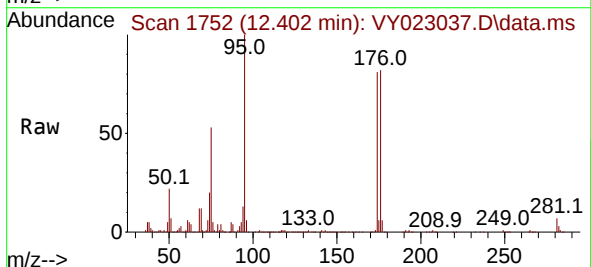
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

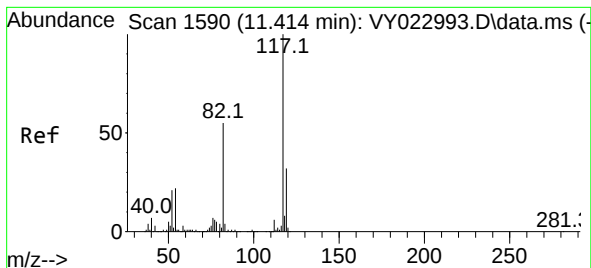
Tgt Ion:107 Resp: 137078
Ion Ratio Lower Upper
107 100
109 94.6 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.795 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 95 Resp: 239984
Ion Ratio Lower Upper
95 100
174 83.3 0.0 170.8
176 81.0 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

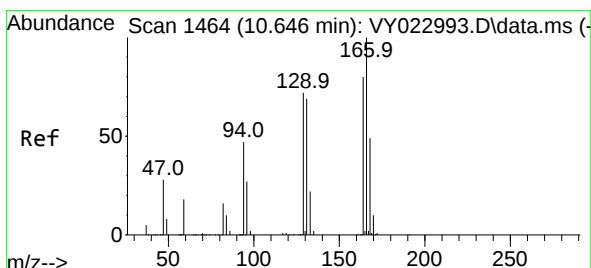
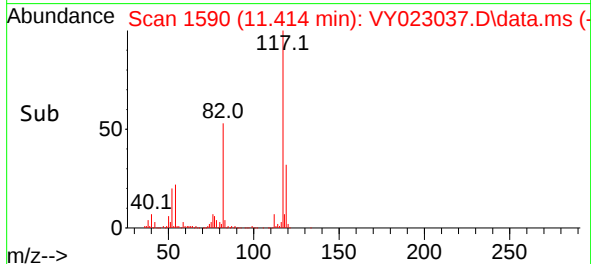
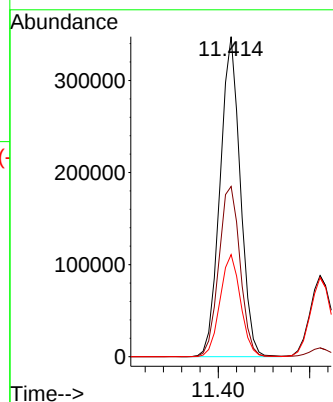
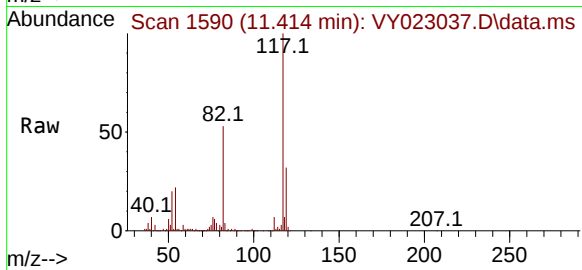
Tgt Ion:117 Resp: 534345

Ion Ratio Lower Upper

117 100

82 53.2 44.3 66.5

119 31.9 25.8 38.8



#64

Tetrachloroethene

Concen: 42.158 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Tgt Ion:164 Resp: 230259

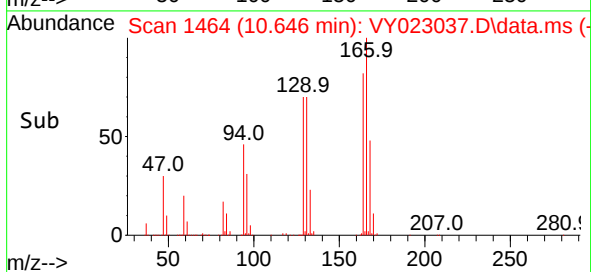
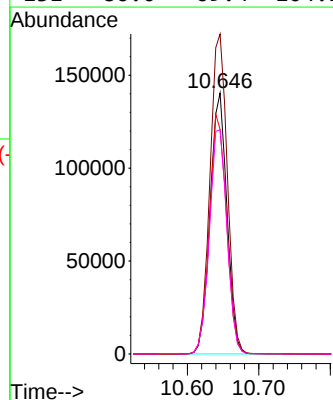
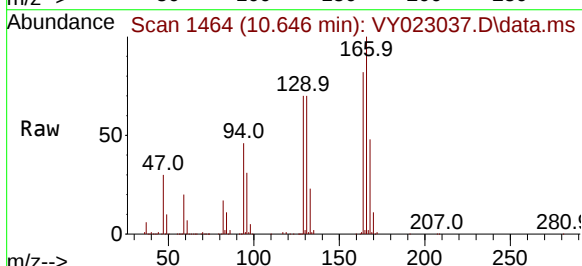
Ion Ratio Lower Upper

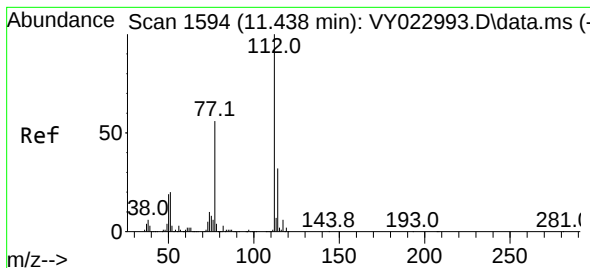
164 100

166 122.6 100.2 150.2

129 86.1 71.7 107.5

131 86.0 69.4 104.2

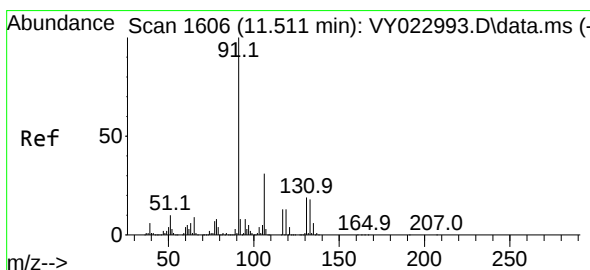
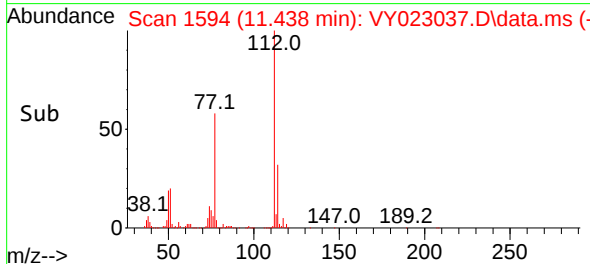
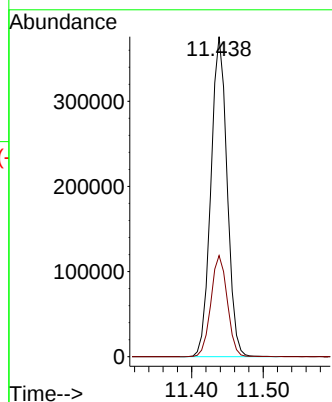
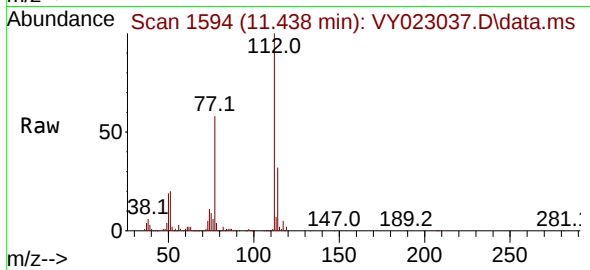




#65
Chlorobenzene
Concen: 46.874 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

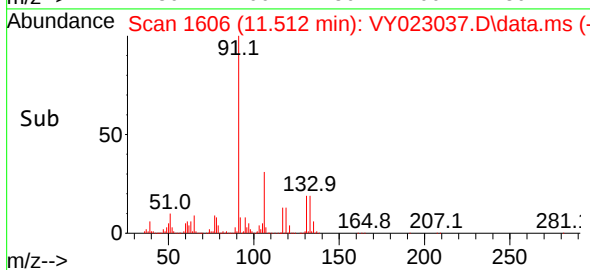
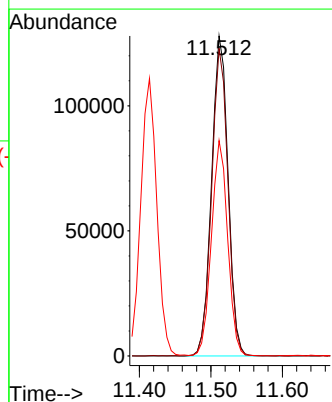
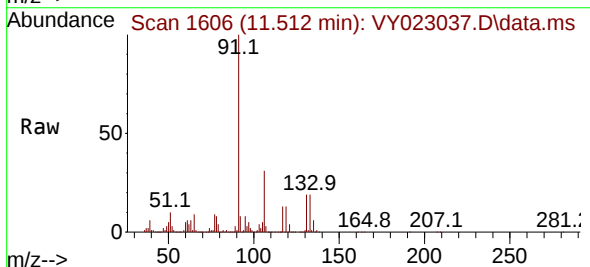
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

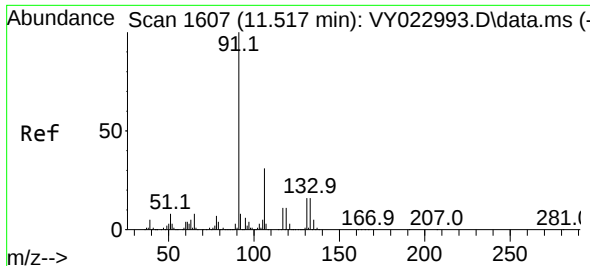
Tgt Ion:112 Resp: 591032
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.714 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion:131 Resp: 205201
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 66.3 33.3 99.8

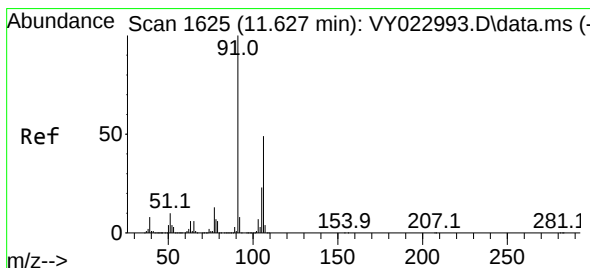
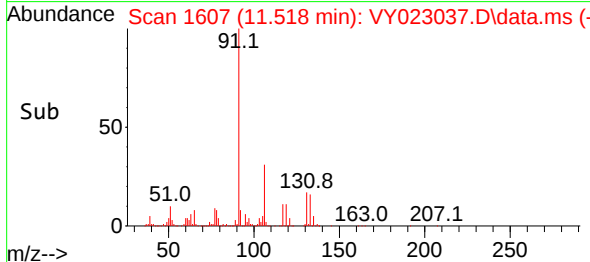
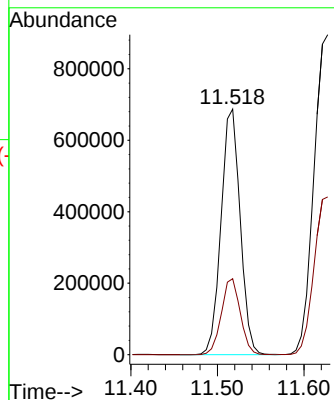
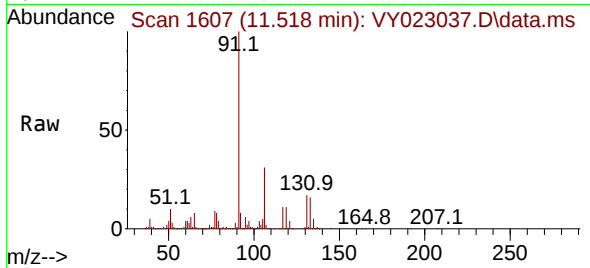




#67
Ethyl Benzene
Concen: 47.175 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

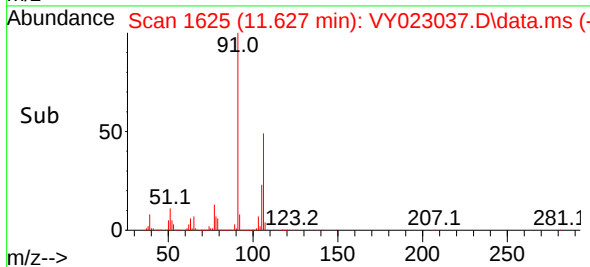
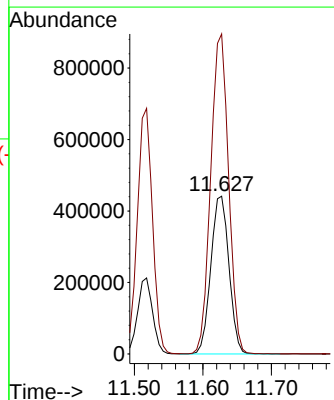
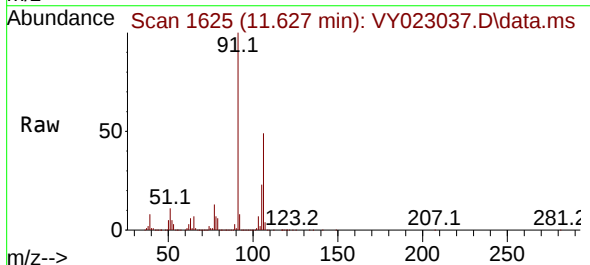
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

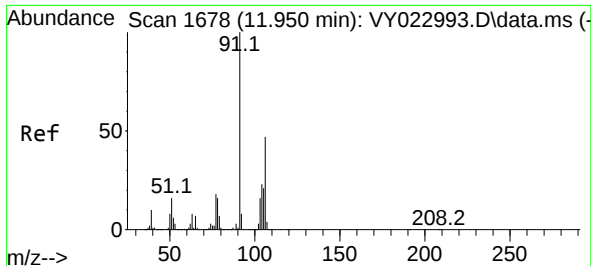
Tgt Ion: 91 Resp: 1054339
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 94.459 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion:106 Resp: 809746
Ion Ratio Lower Upper
106 100
91 200.0 159.8 239.8

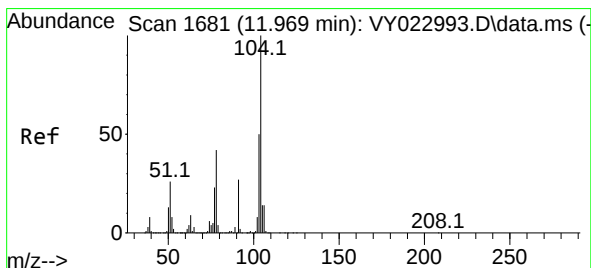
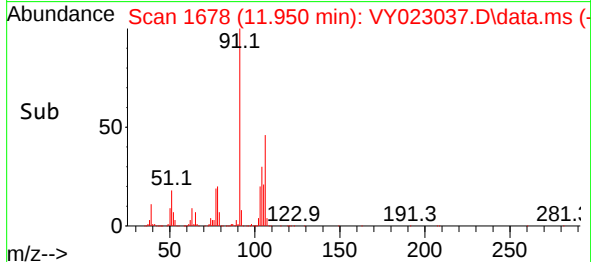
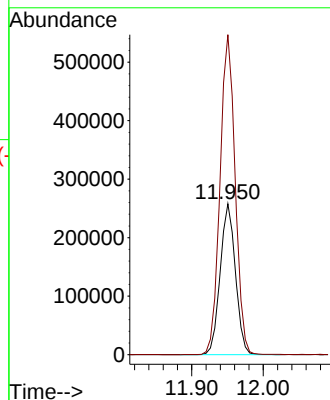
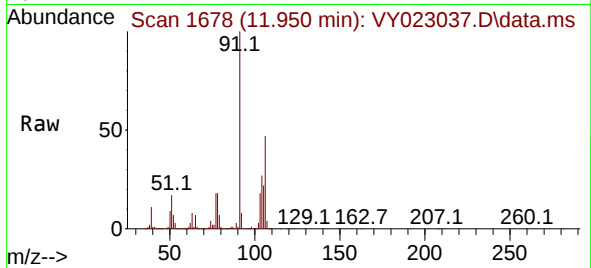




#69
o-Xylene
Concen: 47.923 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

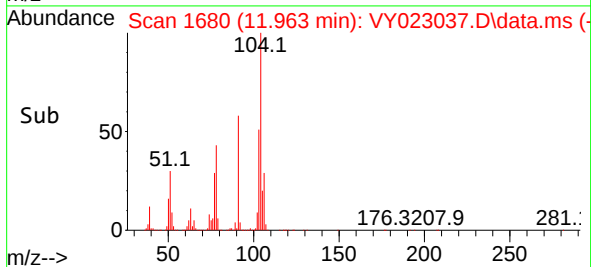
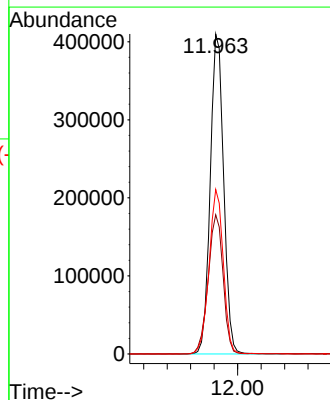
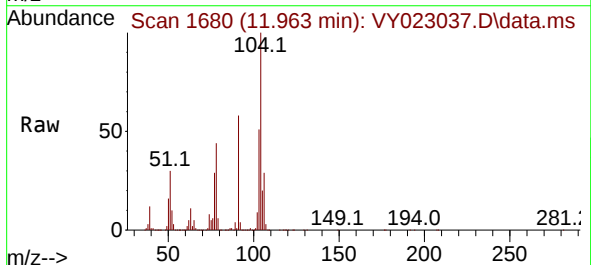
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

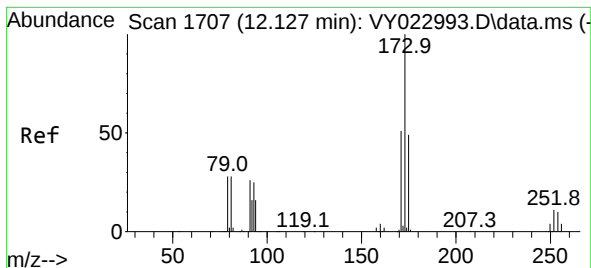
Tgt Ion:106 Resp: 381261
Ion Ratio Lower Upper
106 100
91 211.5 106.3 318.8



#70
Styrene
Concen: 49.878 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion:104 Resp: 649988
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.6
103 54.7 43.7 65.5





#71

Bromoform

Concen: 49.216 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

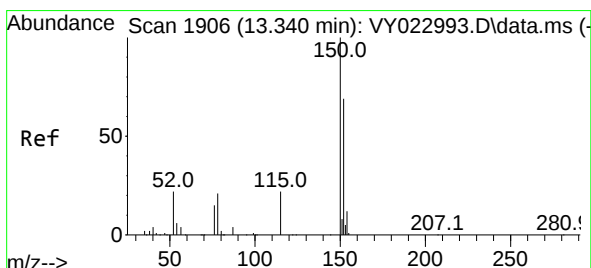
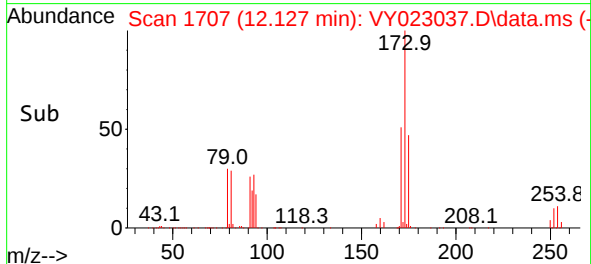
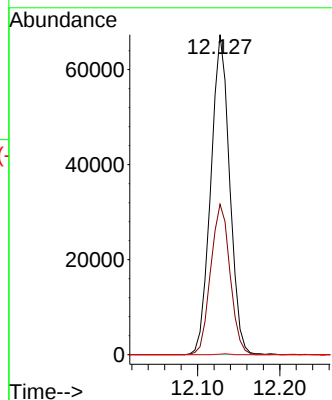
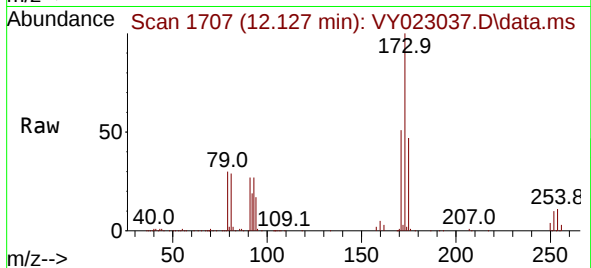
Tgt Ion:173 Resp: 107452

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

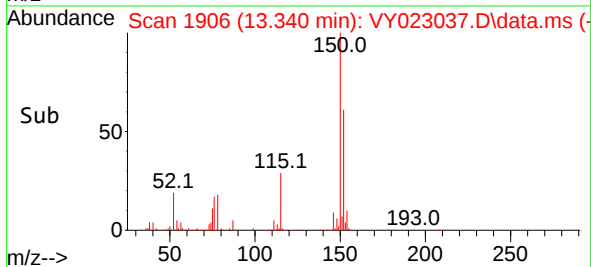
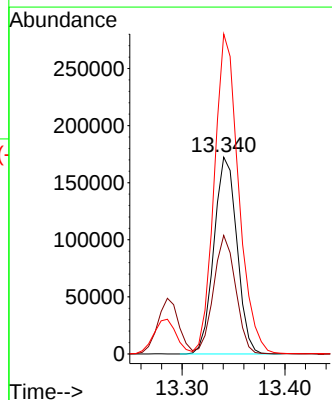
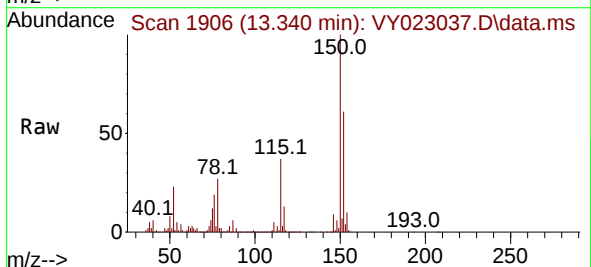
Tgt Ion:152 Resp: 267706

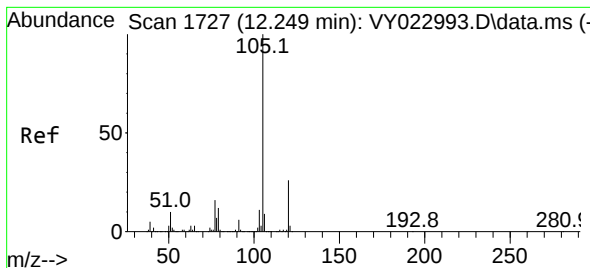
Ion Ratio Lower Upper

152 100

115 57.7 29.4 88.2

150 172.1 0.0 350.0





#73

Isopropylbenzene

Concen: 43.555 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

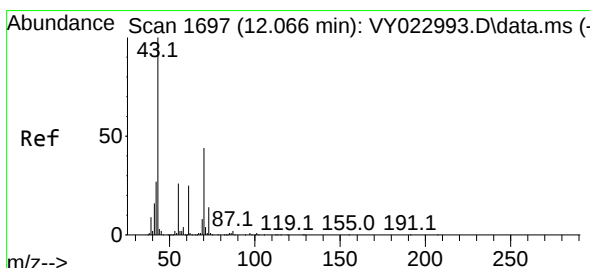
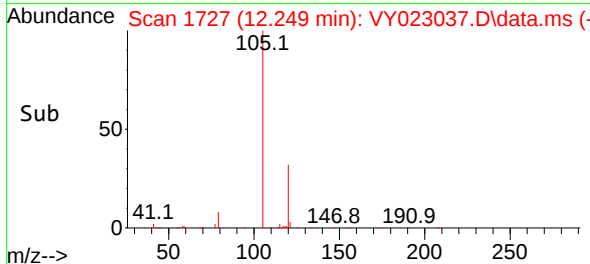
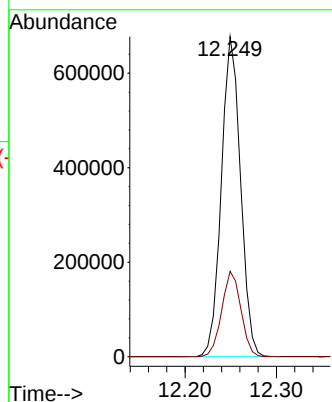
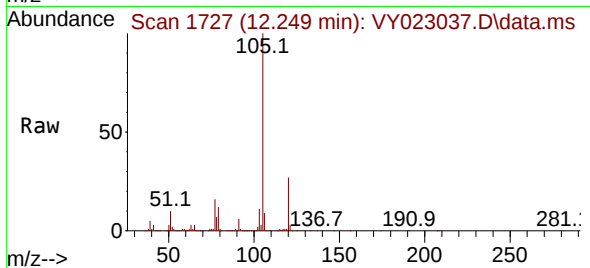
VSTDCCC050EC

Tgt Ion:105 Resp: 988566

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 46.366 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Tgt Ion: 43 Resp: 198406

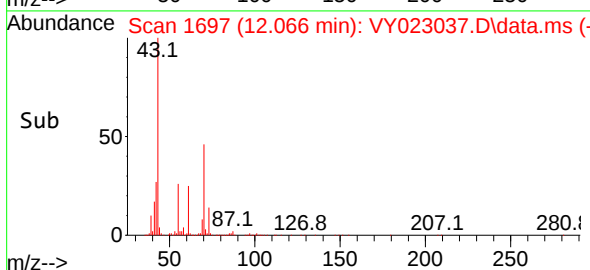
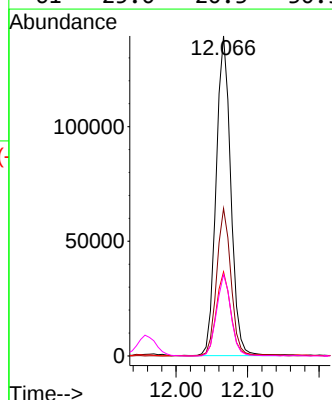
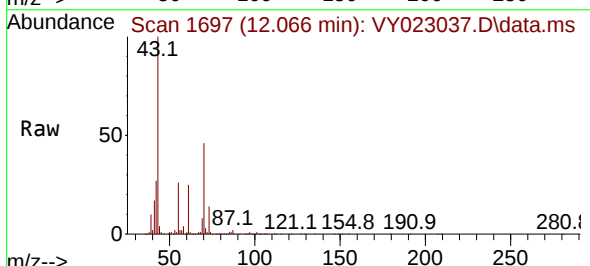
Ion Ratio Lower Upper

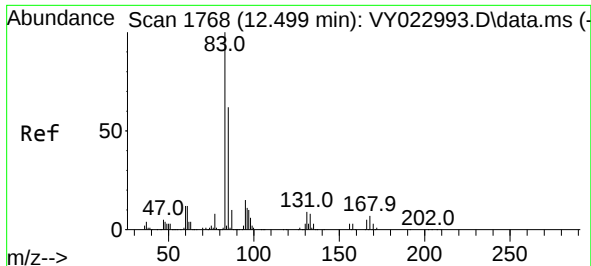
43 100

70 45.3 36.2 54.2

55 26.4 20.9 31.3

61 25.0 20.3 30.5

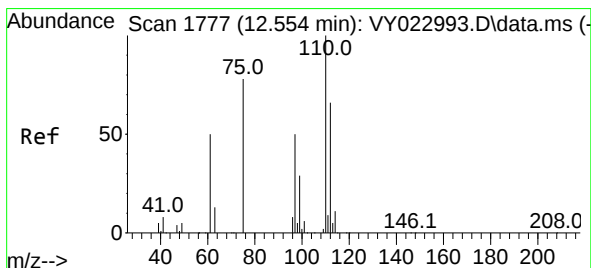
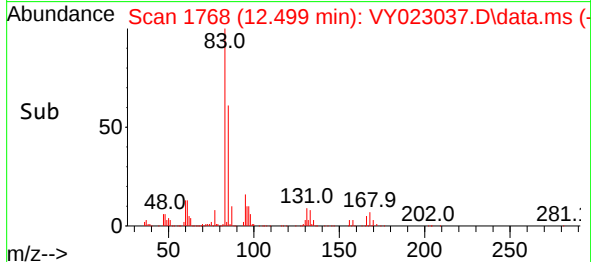
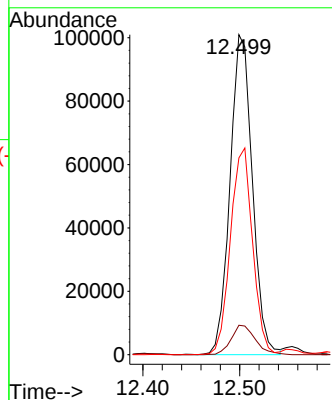
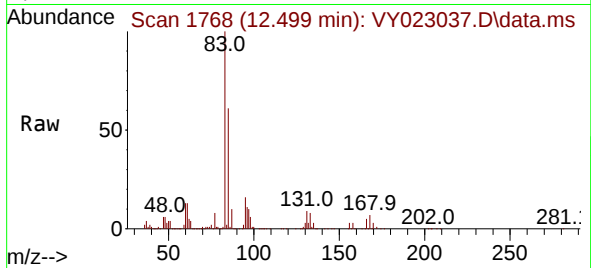




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.344 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: VY023037.D
 Acq: 21 Jul 2025 19:16

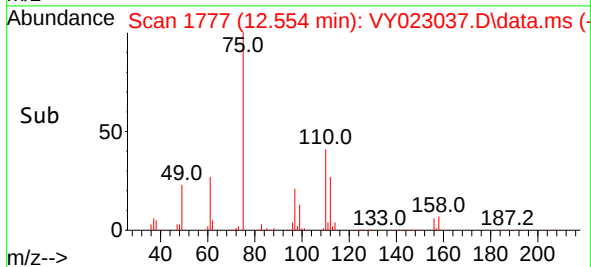
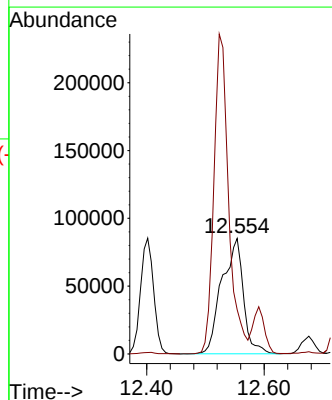
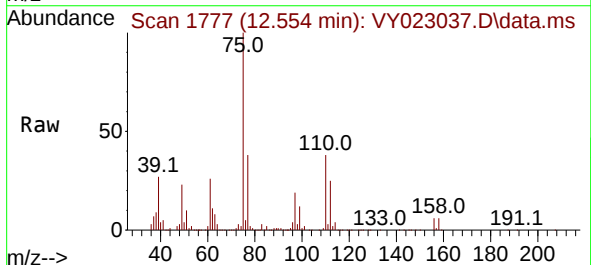
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

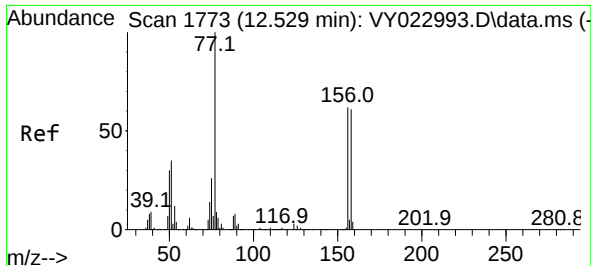
Tgt Ion: 83 Resp: 162073
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.1 15.4
 85 64.0 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 65.315 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY023037.D
 Acq: 21 Jul 2025 19:16

Tgt Ion: 75 Resp: 217881
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

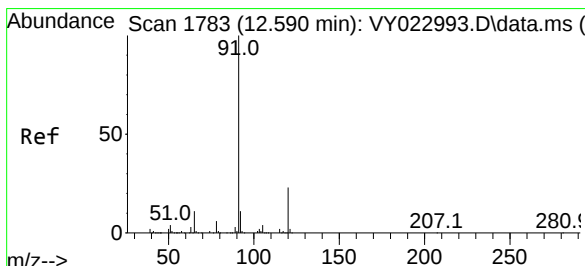
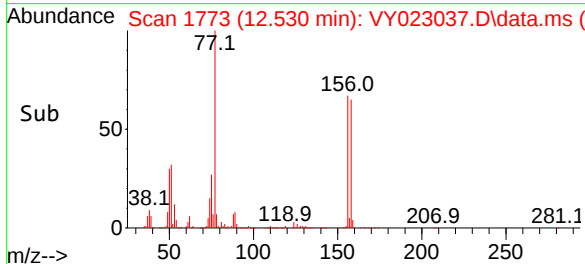
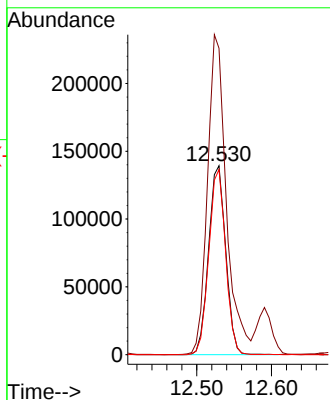
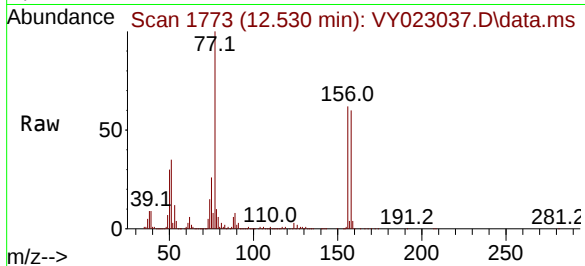




#77
Bromobenzene
Concen: 45.064 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

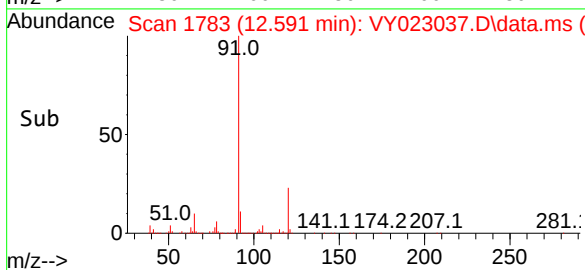
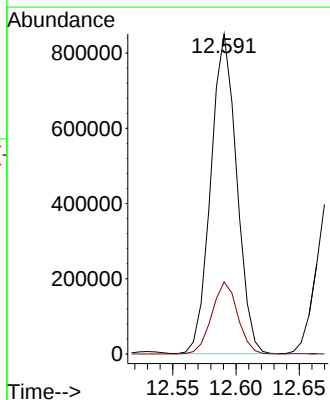
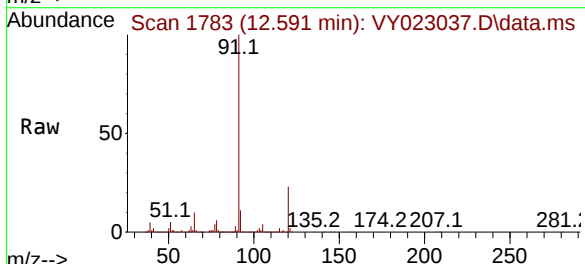
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

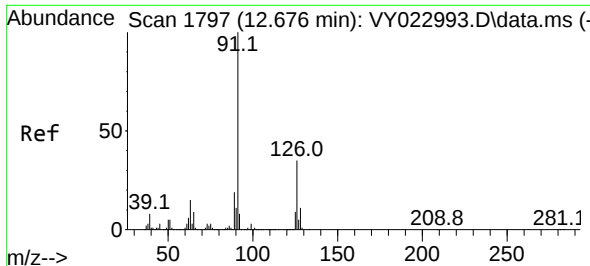
Tgt Ion:156 Resp: 221834
Ion Ratio Lower Upper
156 100
77 186.1 92.0 276.1
158 95.9 48.6 145.9



#78
n-propylbenzene
Concen: 44.738 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 91 Resp: 1209202
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

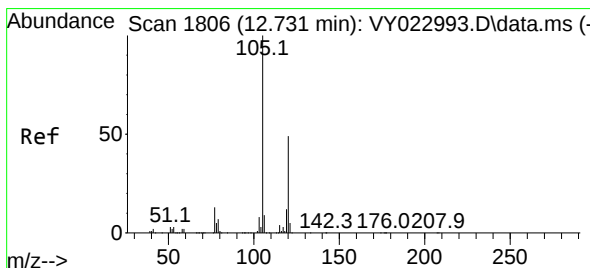
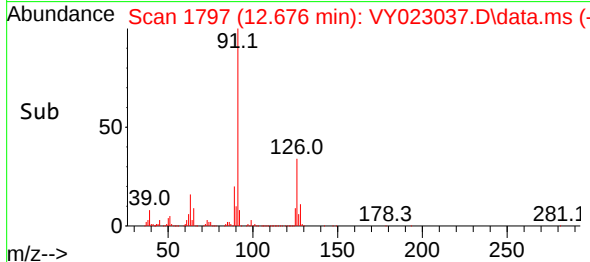
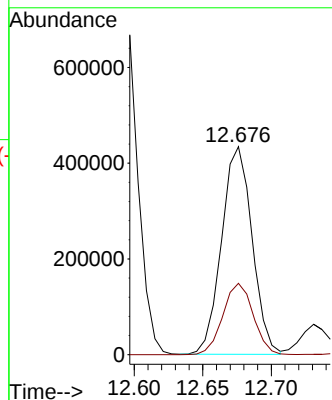
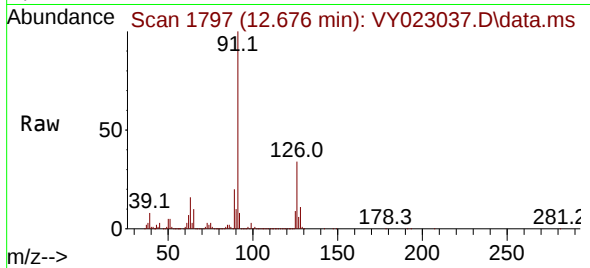




#79
2-Chlorotoluene
Concen: 44.254 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

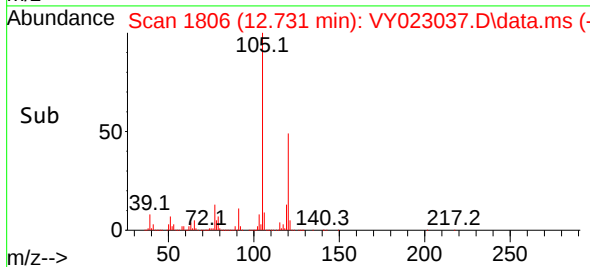
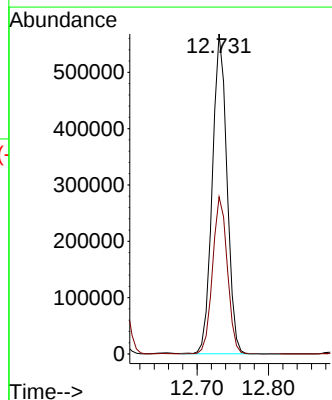
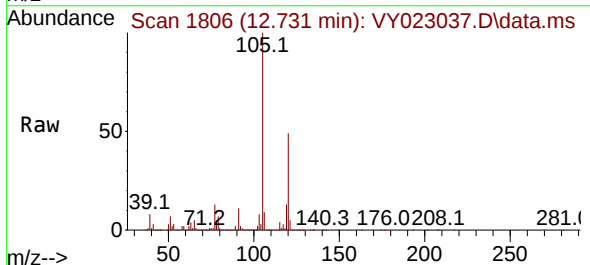
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

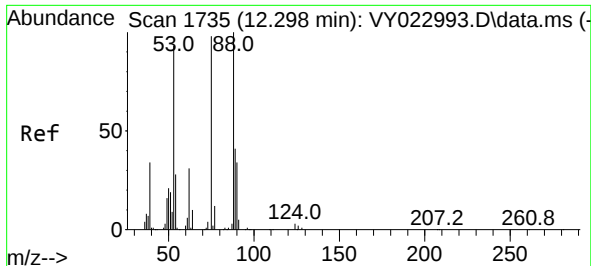
Tgt Ion: 91 Resp: 672715
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 45.137 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 105 Resp: 807990
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.8

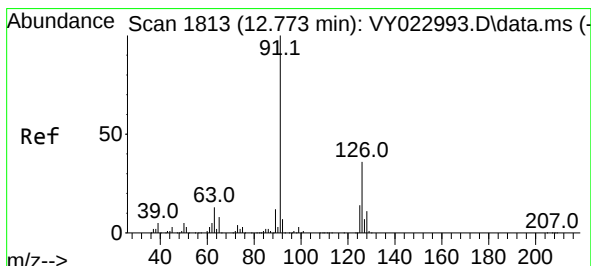
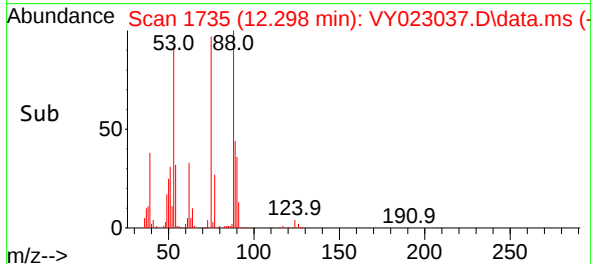
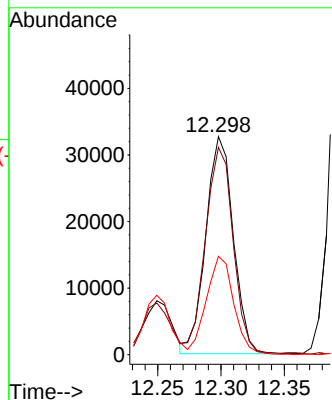
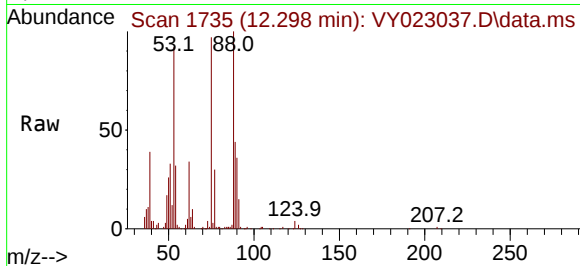




#81
trans-1,4-Dichloro-2-butene
Concen: 43.976 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

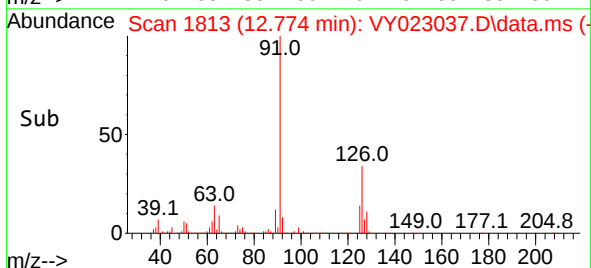
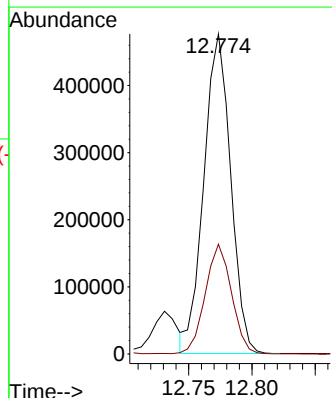
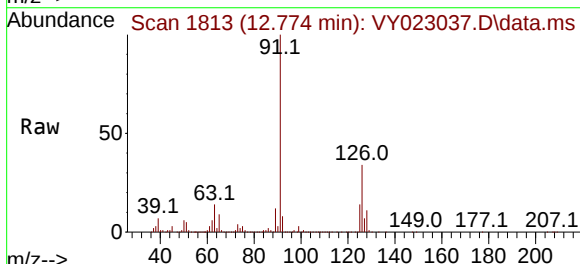
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

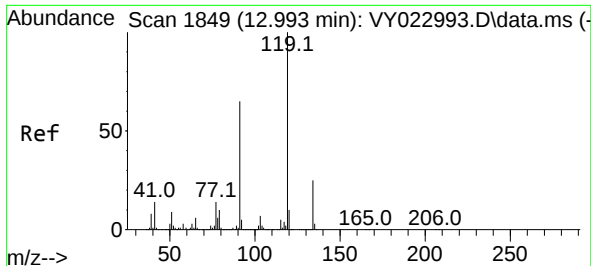
Tgt Ion: 75 Resp: 49252
Ion Ratio Lower Upper
75 100
53 95.8 76.1 114.1
89 45.2 36.1 54.1



#82
4-Chlorotoluene
Concen: 45.832 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 91 Resp: 702672
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.5

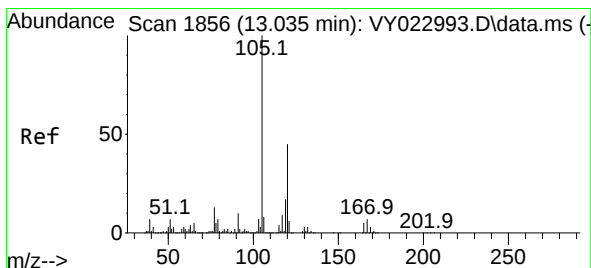
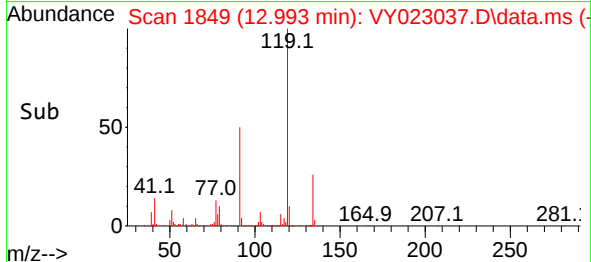
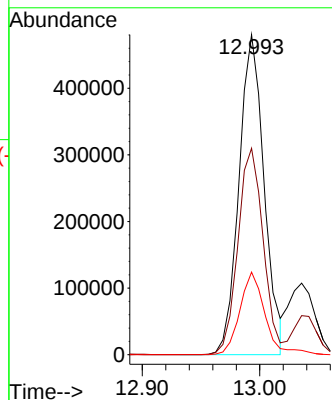
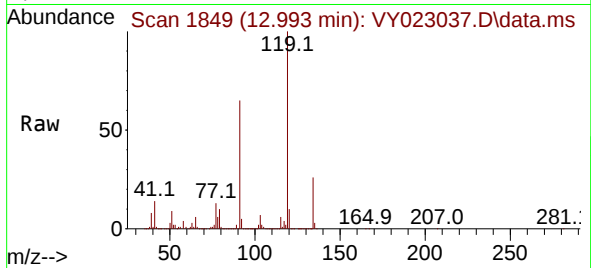




#83
tert-Butylbenzene
Concen: 44.206 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

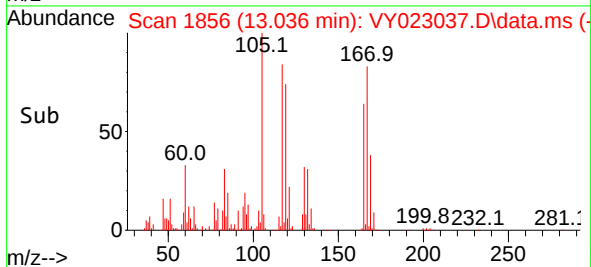
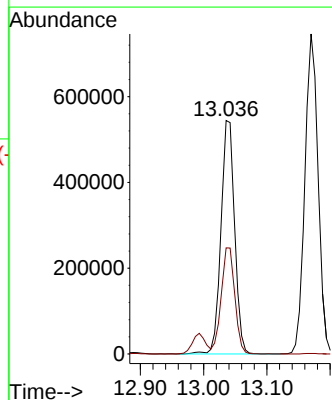
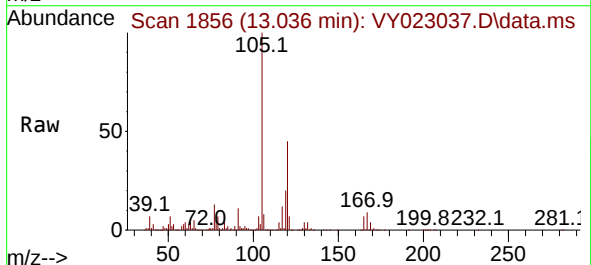
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

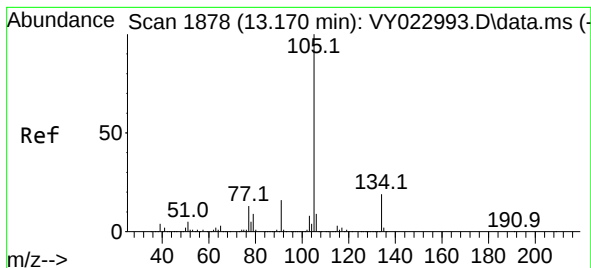
Tgt Ion:119 Resp: 714791
Ion Ratio Lower Upper
119 100
91 64.5 32.0 96.2
134 25.9 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 45.996 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion:105 Resp: 810500
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 44.401 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

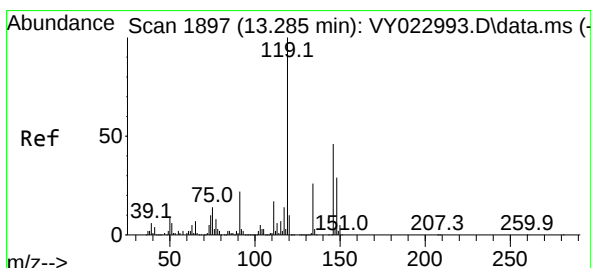
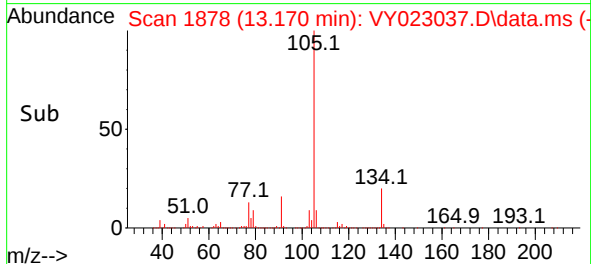
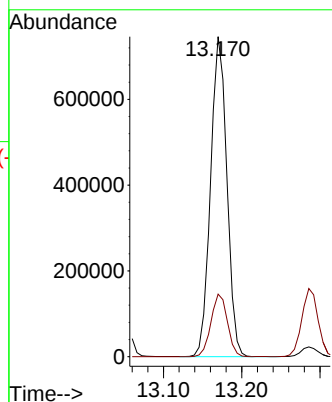
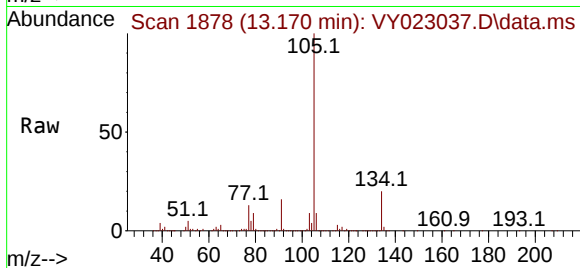
VSTDCCC050EC

Tgt Ion:105 Resp: 1075896

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 44.848 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

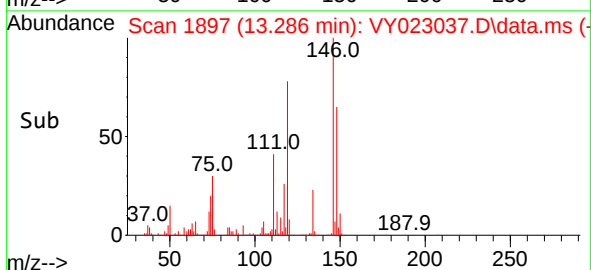
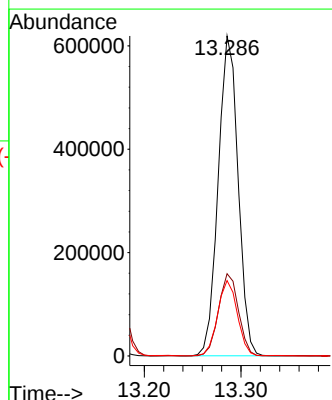
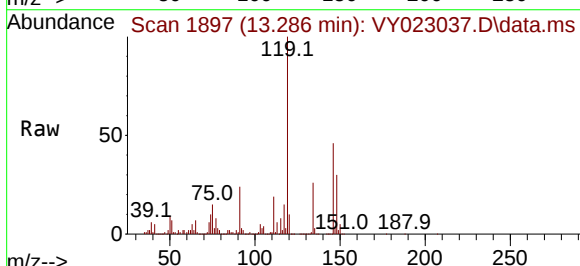
Tgt Ion:119 Resp: 882609

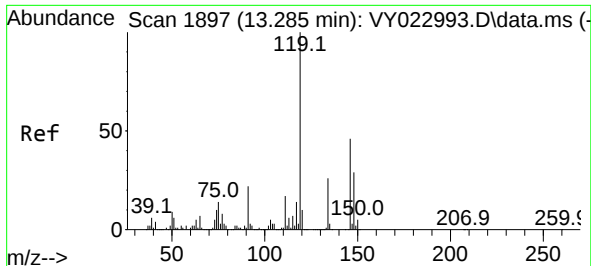
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.3 11.4 34.1

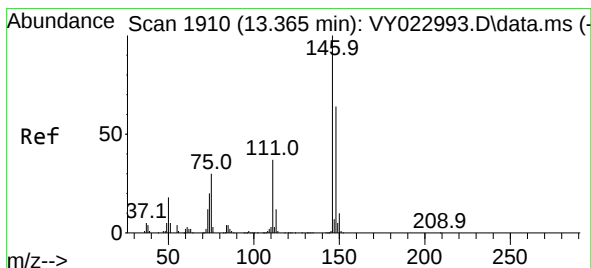
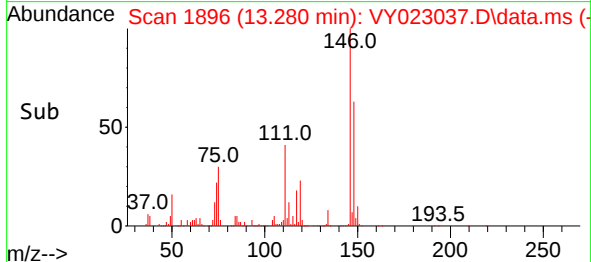
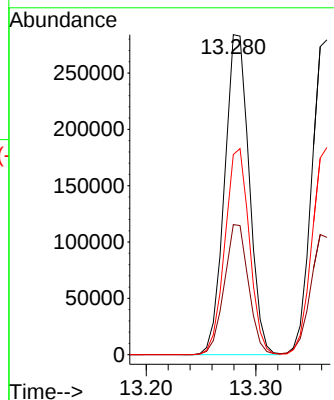
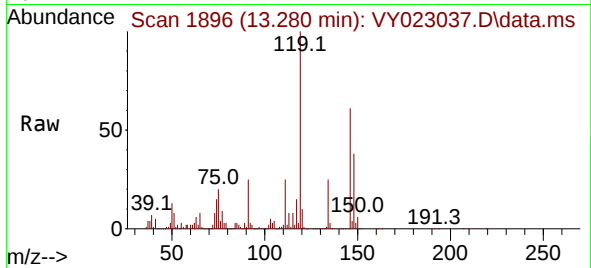




#87
 1,3-Dichlorobenzene
 Concen: 44.606 ug/l
 RT: 13.280 min Scan# 1896
 Delta R.T. -0.006 min
 Lab File: VY023037.D
 Acq: 21 Jul 2025 19:16

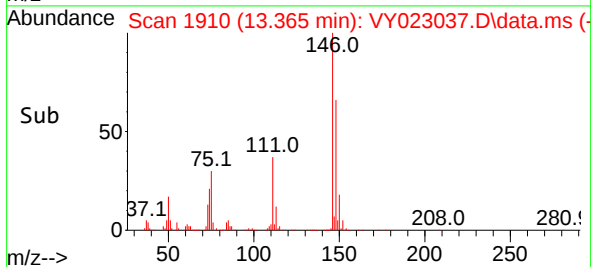
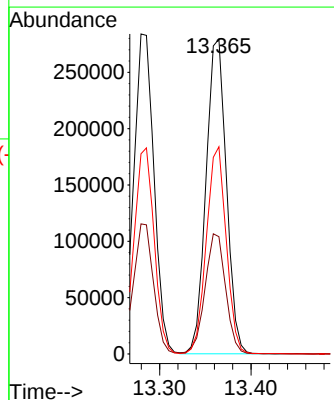
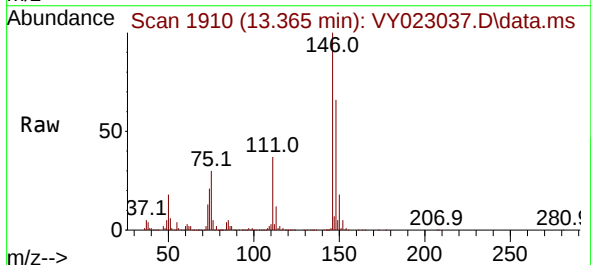
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

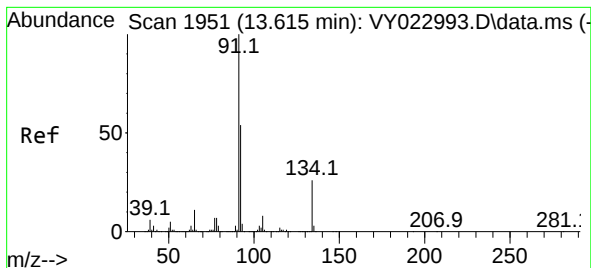
Tgt Ion:146 Resp: 443132
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.3
 148 63.8 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 44.810 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023037.D
 Acq: 21 Jul 2025 19:16

Tgt Ion:146 Resp: 430652
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 64.7 31.9 95.5

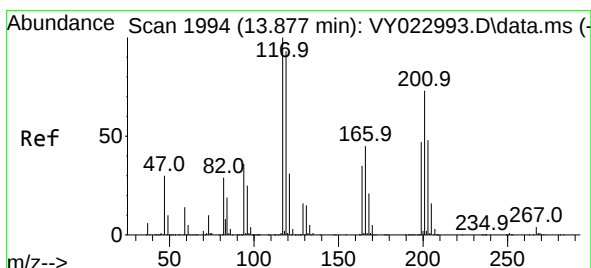
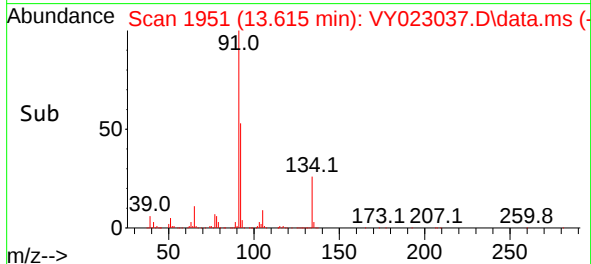
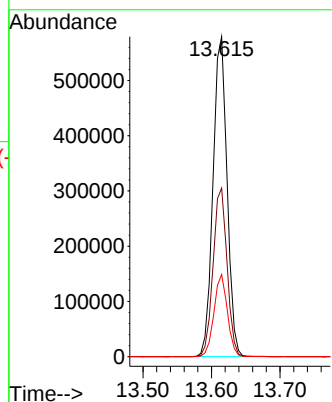
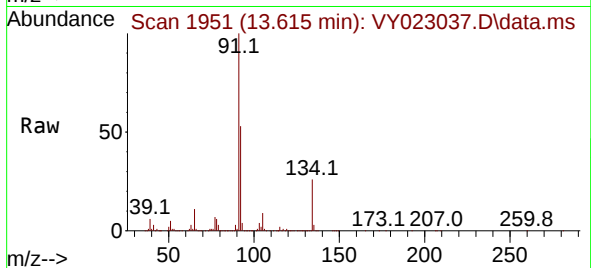




#89
n-Butylbenzene
Concen: 45.418 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

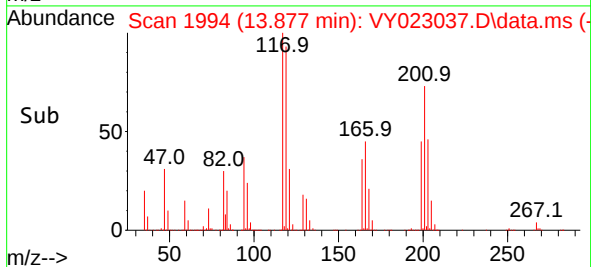
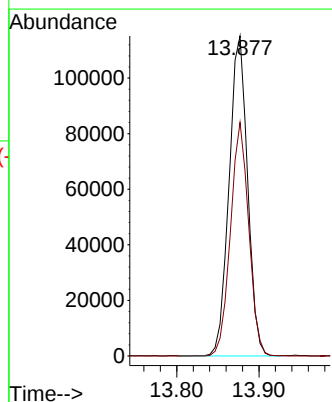
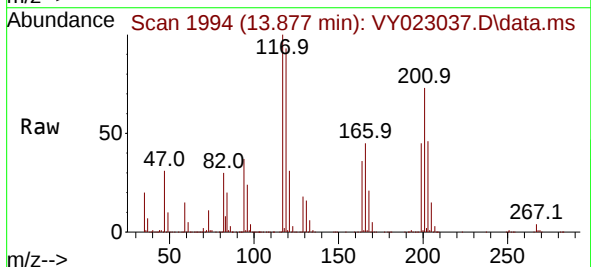
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

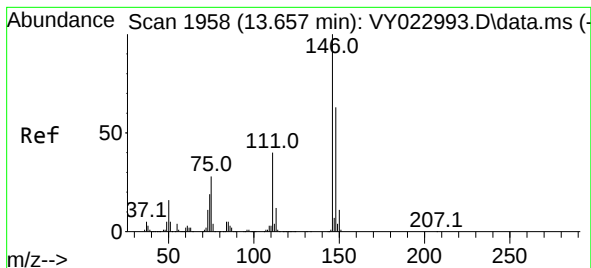
Tgt Ion: 91 Resp: 824788
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 24.7 12.6 37.6



#90
Hexachloroethane
Concen: 44.294 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023037.D
Acq: 21 Jul 2025 19:16

Tgt Ion: 117 Resp: 180473
Ion Ratio Lower Upper
117 100
201 71.9 36.1 108.5





#91

1,2-Dichlorobenzene

Concen: 46.055 ug/l

RT: 13.651 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

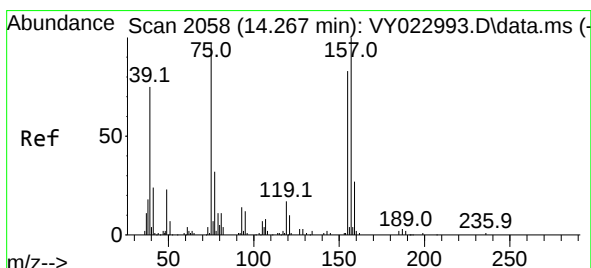
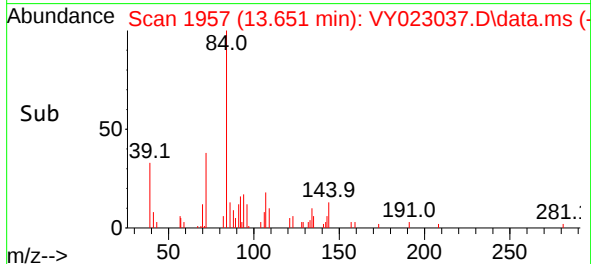
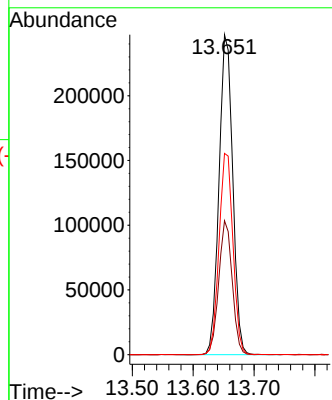
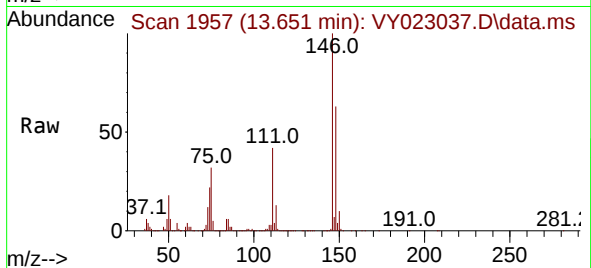
Tgt Ion:146 Resp: 385924

Ion Ratio Lower Upper

146 100

111 41.3 20.3 61.0

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.619 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

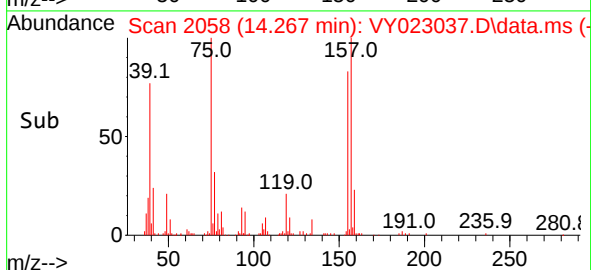
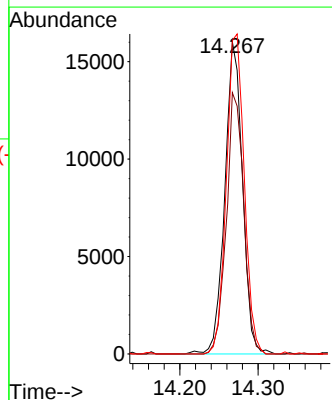
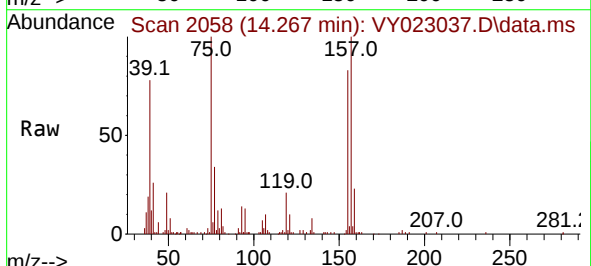
Tgt Ion: 75 Resp: 25174

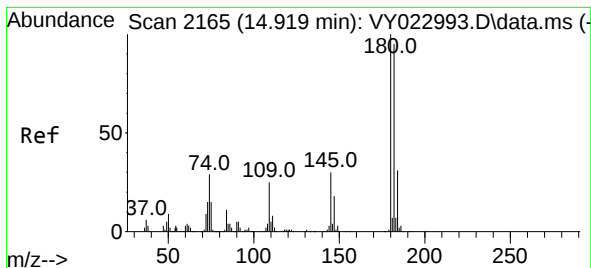
Ion Ratio Lower Upper

75 100

155 82.4 42.8 128.3

157 103.7 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 45.546 ug/l

RT: 14.913 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

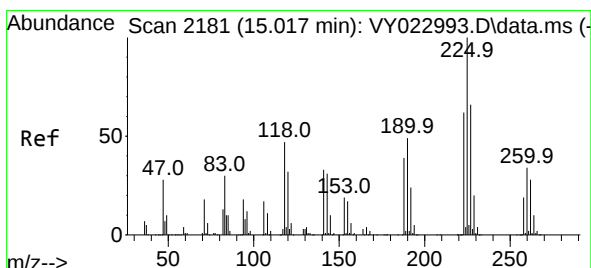
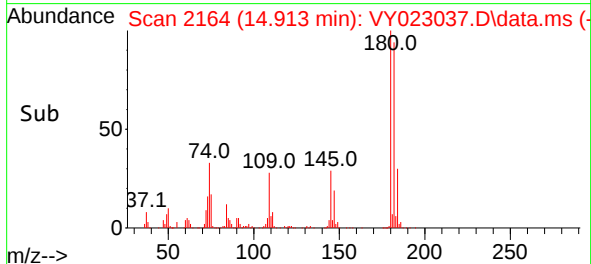
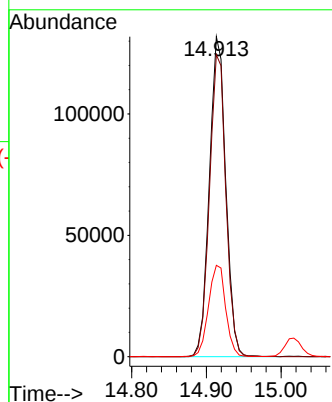
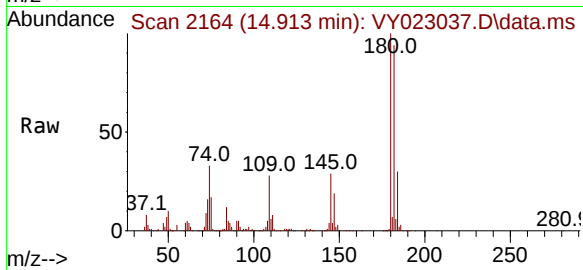
Tgt Ion:180 Resp: 201178

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 29.9 14.9 44.9



#94

Hexachlorobutadiene

Concen: 42.457 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

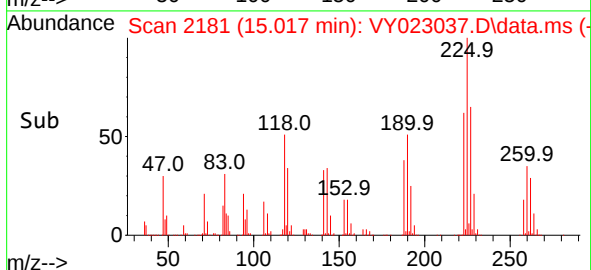
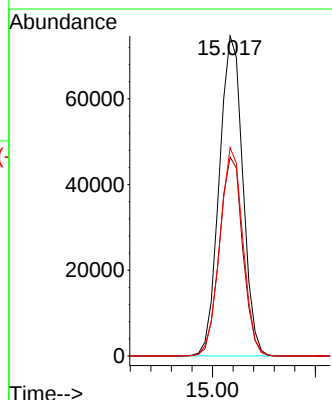
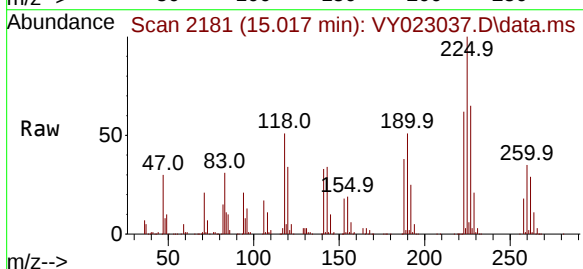
Tgt Ion:225 Resp: 118232

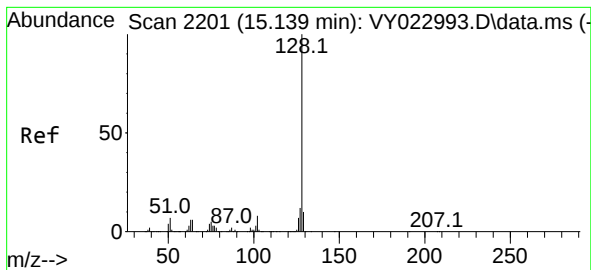
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.0

227 64.1 32.1 96.5





#95

Naphthalene

Concen: 50.411 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

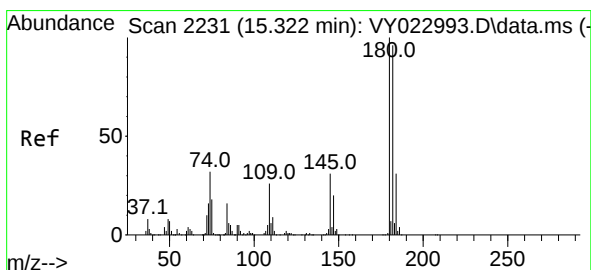
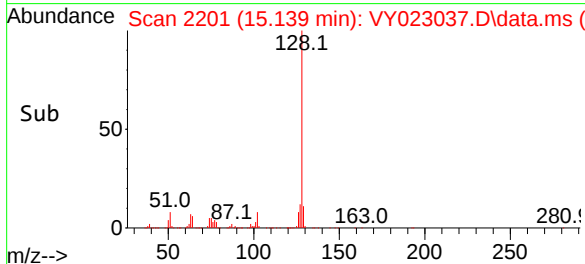
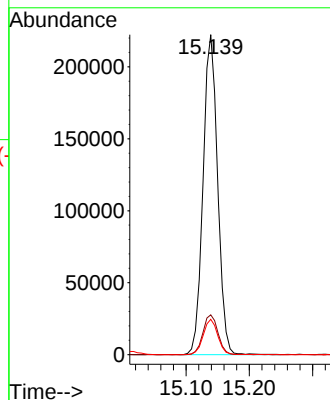
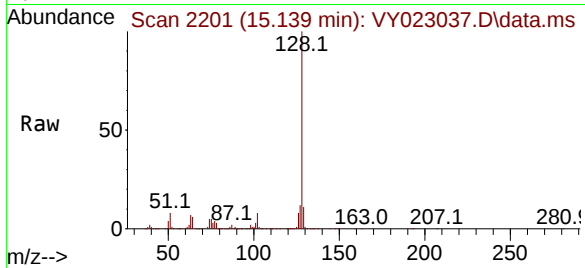
Tgt Ion:128 Resp: 357137

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.643 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023037.D

Acq: 21 Jul 2025 19:16

Tgt Ion:180 Resp: 170114

Ion Ratio Lower Upper

180 100

182 95.6 47.3 142.0

145 32.4 15.8 47.4

