

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
 Data File : VY022231.D
 Acq On : 12 May 2025 18:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 13 03:26:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	137997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	202474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	198143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	113216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99171	77.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.600%
35) Dibromofluoromethane	7.634	113	107692	80.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	161.020%#
50) Toluene-d8	10.103	98	411594	81.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	163.240%#
62) 4-Bromofluorobenzene	12.401	95	138582	81.631	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	163.260%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	70005	59.535	ug/l	97
3) Chloromethane	2.062	50	130228	77.780	ug/l	99
4) Vinyl Chloride	2.202	62	161411	78.450	ug/l	100
5) Bromomethane	2.592	94	121460	68.520	ug/l	100
6) Chloroethane	2.732	64	109833	78.382	ug/l	99
7) Trichlorofluoromethane	3.049	101	193442	71.299	ug/l	99
8) Diethyl Ether	3.452	74	48590	68.809	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.811	101	104536	71.027	ug/l	97
10) Methyl Iodide	4.000	142	107139	62.874	ug/l	97
11) Tert butyl alcohol	4.878	59	25756	368.061	ug/l #	94
12) 1,1-Dichloroethene	3.781	96	91696	66.842	ug/l	95
13) Acrolein	3.647	56	10095	80.377	ug/l	97
14) Allyl chloride	4.378	41	116201	72.746	ug/l	96
15) Acrylonitrile	5.055	53	102076	394.848	ug/l	100
16) Acetone	3.872	43	68489	425.496	ug/l	97
17) Carbon Disulfide	4.104	76	282720	64.635	ug/l	99
18) Methyl Acetate	4.385	43	60968	102.395	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	228549	74.435	ug/l	98
20) Methylene Chloride	4.610	84	113373	70.341	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	109060	70.986	ug/l	95
22) Diisopropyl ether	6.018	45	287687	80.930	ug/l	98
23) Vinyl Acetate	5.957	43	744895	388.823	ug/l	99
24) 1,1-Dichloroethane	5.915	63	186192	75.565	ug/l	98
25) 2-Butanone	6.890	43	117350	403.887	ug/l	98
26) 2,2-Dichloropropane	6.878	77	157095	72.742	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	126398	73.578	ug/l	98
28) Bromochloromethane	7.244	49	80617	84.234	ug/l	94
29) Tetrahydrofuran	7.268	42	78599	416.511	ug/l	99
30) Chloroform	7.421	83	211912	77.535	ug/l	97
31) Cyclohexane	7.701	56	146213	69.391	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	184411	74.579	ug/l	99
36) 1,1-Dichloropropene	7.835	75	140412	78.145	ug/l	99
37) Ethyl Acetate	6.982	43	54062	83.774	ug/l	97
38) Carbon Tetrachloride	7.817	117	168210	78.344	ug/l	99
39) Methylcyclohexane	9.109	83	170524	75.413	ug/l	97
40) Benzene	8.079	78	452823	80.619	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	28763	81.534	ug/l	93
42) 1,2-Dichloroethane	8.152	62	115134	82.792	ug/l	100
43) Isopropyl Acetate	8.195	43	105964	85.503	ug/l	98
44) Trichloroethene	8.865	130	116183	74.679	ug/l	99
45) 1,2-Dichloropropane	9.140	63	104859	84.419	ug/l	99
46) Dibromomethane	9.231	93	65098	83.721	ug/l	96
47) Bromodichloromethane	9.420	83	160218	82.482	ug/l	98
48) Methyl methacrylate	9.219	41	48871	85.303	ug/l	98
49) 1,4-Dioxane	9.231	88	13618	1643.193	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	305973	470.975	ug/l	98
52) Toluene	10.170	92	303124	83.372	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	139289	83.600	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	163551	82.578	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	87658	84.397	ug/l	98
56) Ethyl methacrylate	10.438	69	101448	85.412	ug/l	95
57) 1,3-Dichloropropane	10.713	76	144170	86.585	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	279430	481.171	ug/l	98
59) 2-Hexanone	10.761	43	204345	476.880	ug/l	97
60) Dibromochloromethane	10.908	129	121667	84.609	ug/l	99
61) 1,2-Dibromoethane	11.011	107	83775	85.437	ug/l	99
64) Tetrachloroethene	10.646	164	130869	70.013	ug/l	97
65) Chlorobenzene	11.438	112	334269	75.439	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	123055	78.884	ug/l	99
67) Ethyl Benzene	11.517	91	567675	78.318	ug/l	99
68) m/p-Xylenes	11.627	106	456689	158.337	ug/l	99
69) o-Xylene	11.950	106	207843	78.183	ug/l	98
70) Styrene	11.969	104	365779	81.948	ug/l	100
71) Bromoform	12.133	173	72907	80.387	ug/l #	100
73) Isopropylbenzene	12.255	105	554297	73.281	ug/l	100
74) N-amyl acetate	12.066	43	99890	76.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	100625	78.905	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	126364	130.306	ug/l #	100
77) Bromobenzene	12.529	156	138135	72.272	ug/l	97
78) n-propylbenzene	12.590	91	679090	75.388	ug/l	100
79) 2-Chlorotoluene	12.676	91	391541	74.741	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	470826	75.545	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	29598	73.500	ug/l	97
82) 4-Chlorotoluene	12.773	91	408436	75.001	ug/l	100
83) tert-Butylbenzene	12.993	119	423591	75.784	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	481603	77.257	ug/l	100
85) sec-Butylbenzene	13.170	105	619894	75.790	ug/l	100
86) p-Isopropyltoluene	13.291	119	525429	75.652	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	281281	72.459	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	275599	71.683	ug/l	99
89) n-Butylbenzene	13.615	91	469077	75.561	ug/l	99
90) Hexachloroethane	13.877	117	114956	75.334	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	252581	74.599	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15732	77.539	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	137164	71.490	ug/l	99
94) Hexachlorobutadiene	15.023	225	83768	70.961	ug/l	100
95) Naphthalene	15.145	128	234571	73.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	120586	72.809	ug/l	98

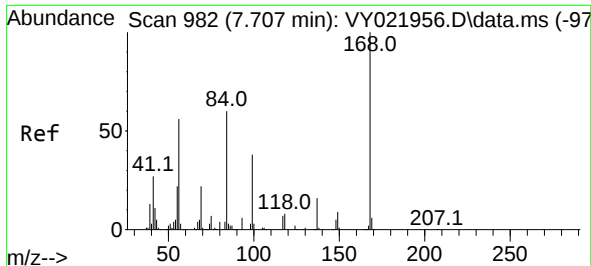
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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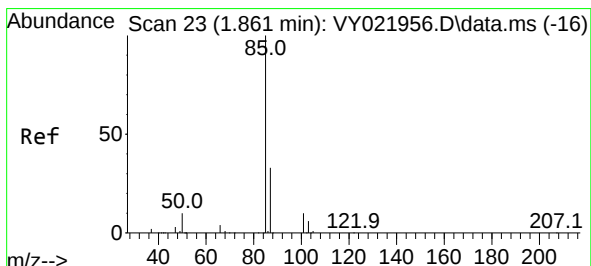
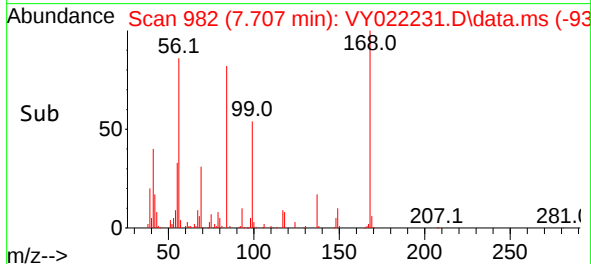
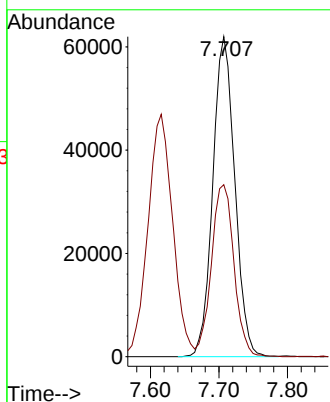
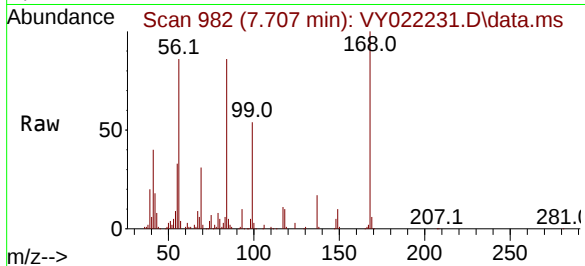
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022231.D
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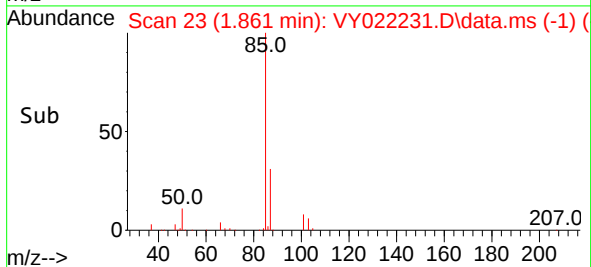
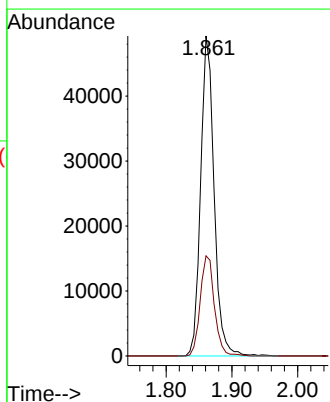
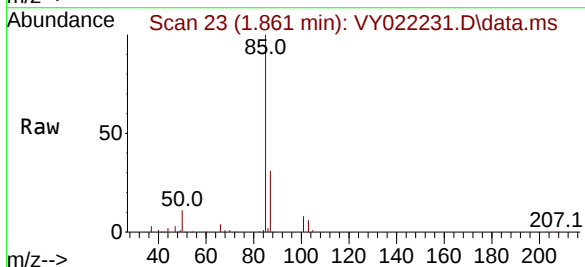
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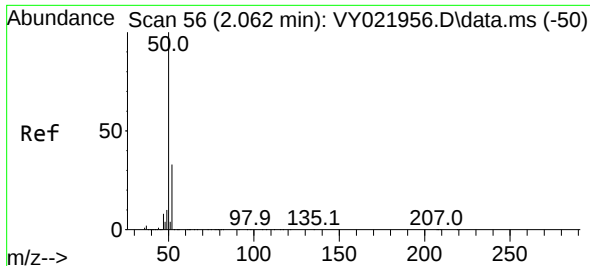
Tgt Ion:168 Resp: 137997
Ion Ratio Lower Upper
168 100
99 53.6 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 59.535 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 85 Resp: 70005
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.7

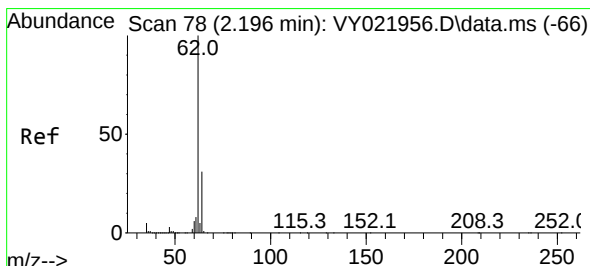
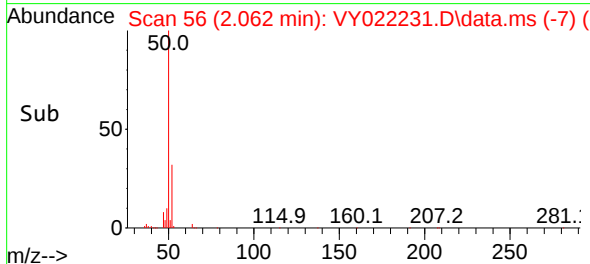
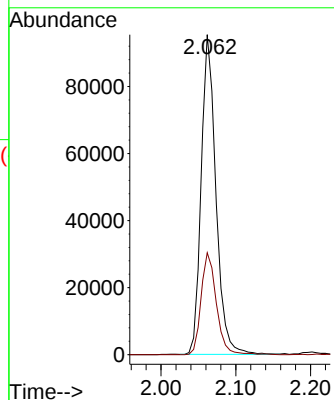
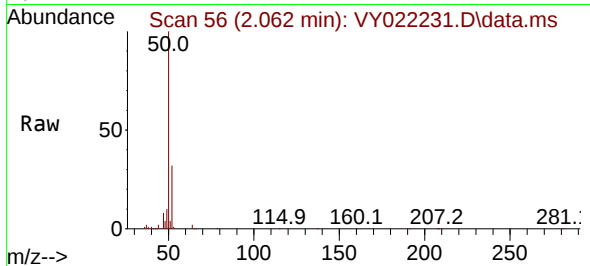




#3
Chloromethane
Concen: 77.780 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

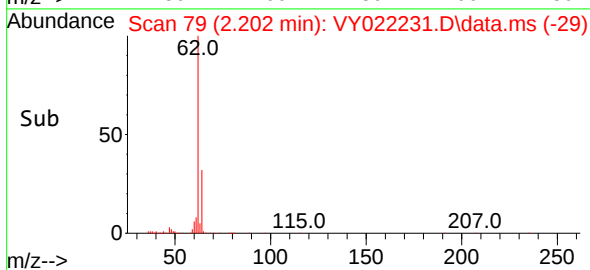
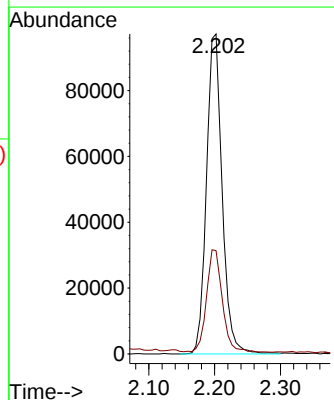
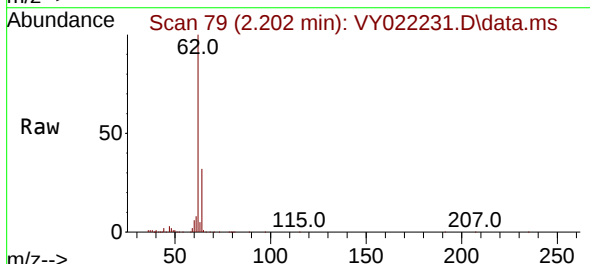
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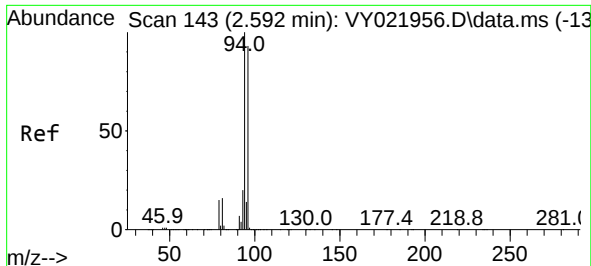
Tgt Ion: 50 Resp: 130228
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1



#4
Vinyl Chloride
Concen: 78.450 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 62 Resp: 161411
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7

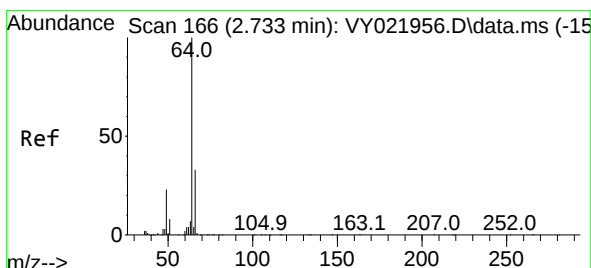
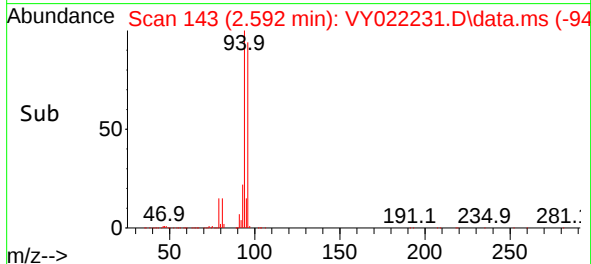
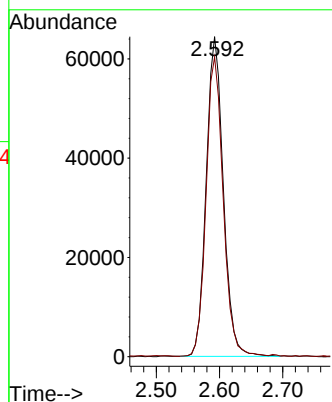
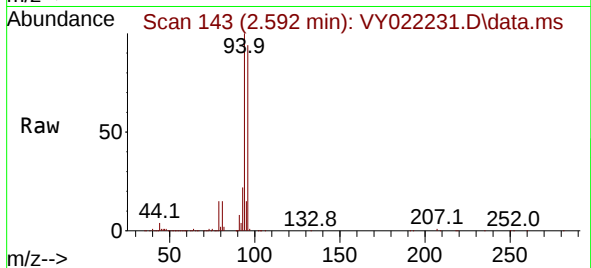




#5
Bromomethane
Concen: 68.520 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

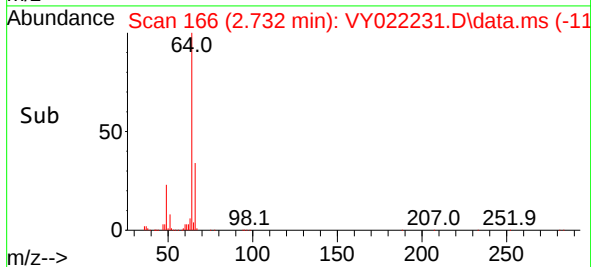
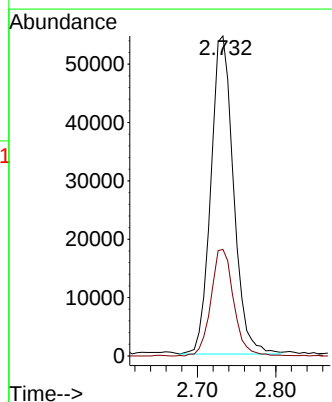
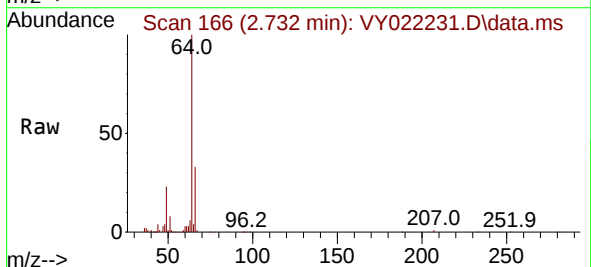
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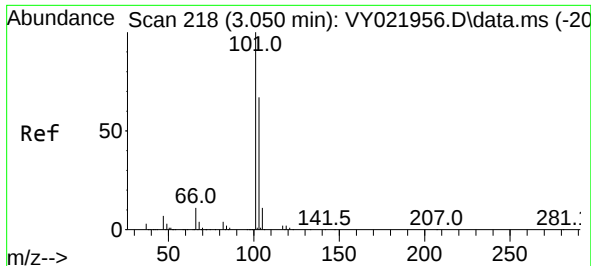
Tgt Ion: 94 Resp: 121460
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8



#6
Chloroethane
Concen: 78.382 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 64 Resp: 109833
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4

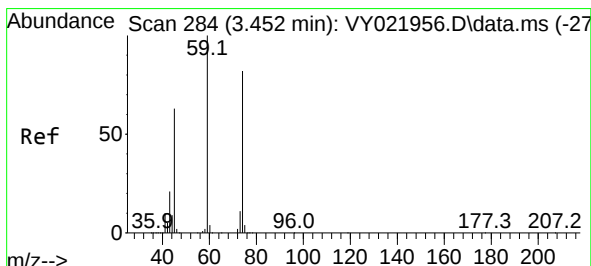
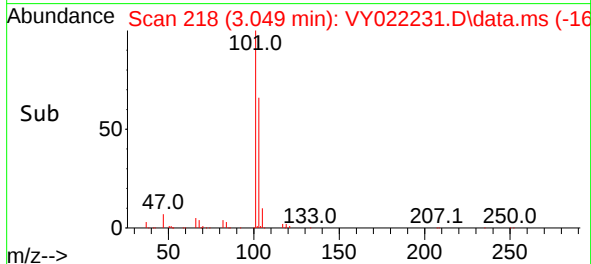
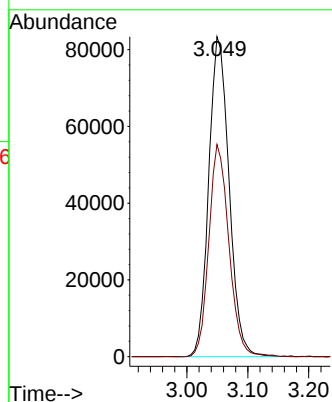
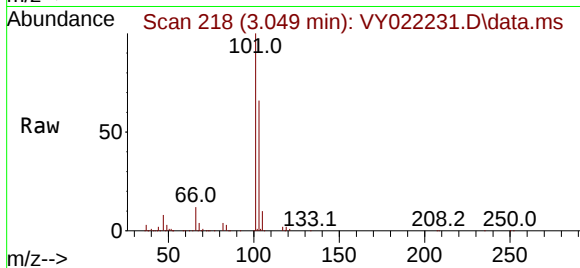




#7
Trichlorofluoromethane
Concen: 71.299 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

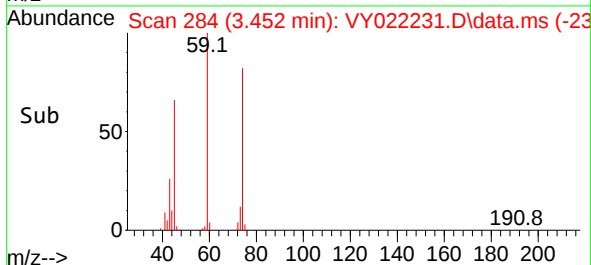
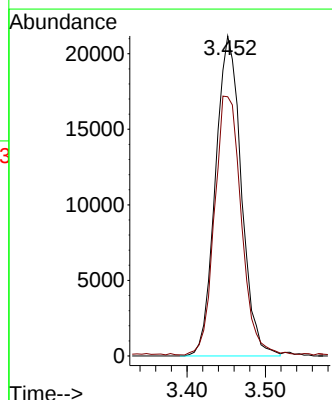
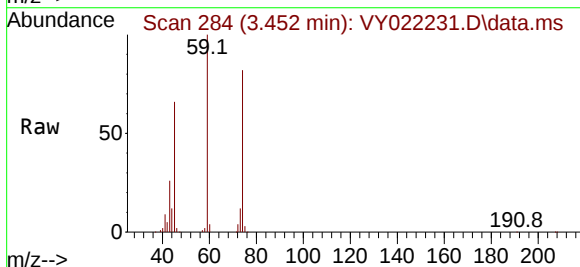
Instrument :
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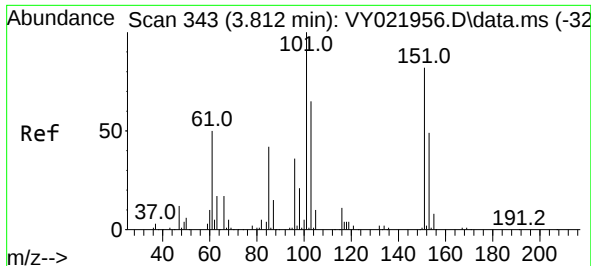
Tgt Ion:101 Resp: 193442
Ion Ratio Lower Upper
101 100
103 66.3 53.6 80.4



#8
Diethyl Ether
Concen: 68.809 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 74 Resp: 48590
Ion Ratio Lower Upper
74 100
45 83.8 39.1 117.5

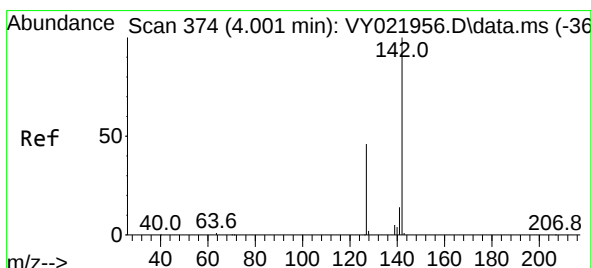
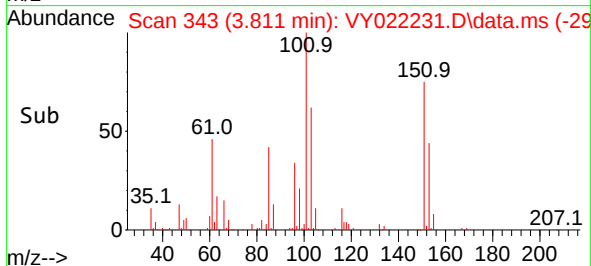
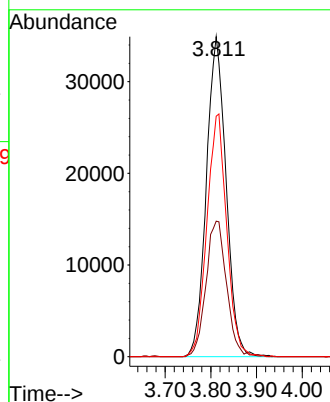
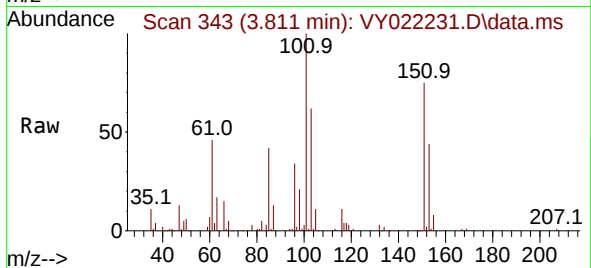




#9
1,1,2-Trichlorotrifluoroethane
Concen: 71.027 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022231.D
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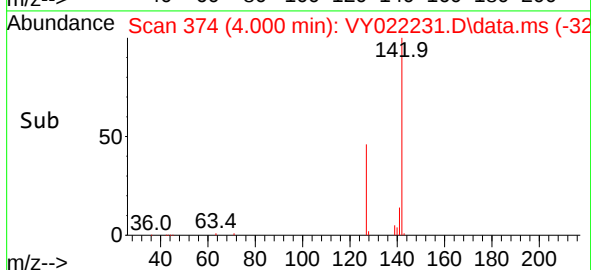
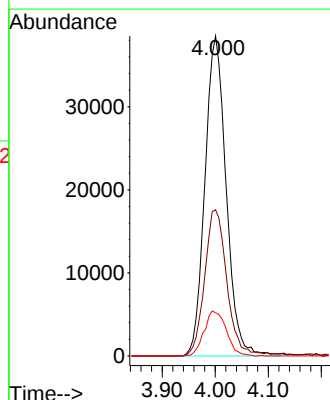
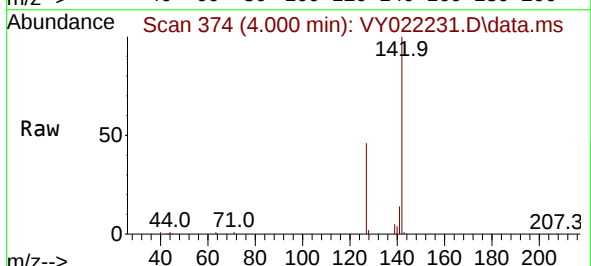
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

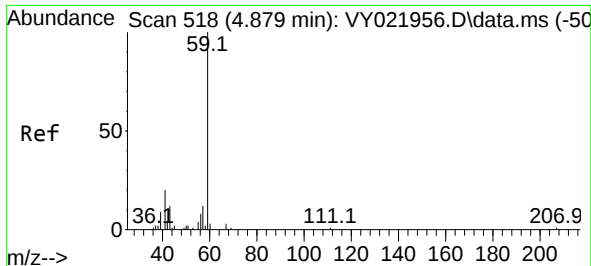
Tgt Ion:101 Resp: 104536
Ion Ratio Lower Upper
101 100
85 44.2 34.6 51.8
151 76.1 63.7 95.5



#10
Methyl Iodide
Concen: 62.874 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion:142 Resp: 107139
Ion Ratio Lower Upper
142 100
127 48.0 36.2 54.2
141 14.7 11.7 17.5

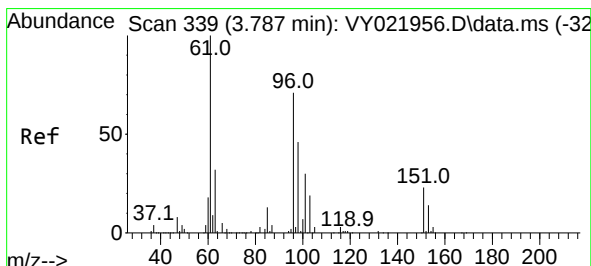
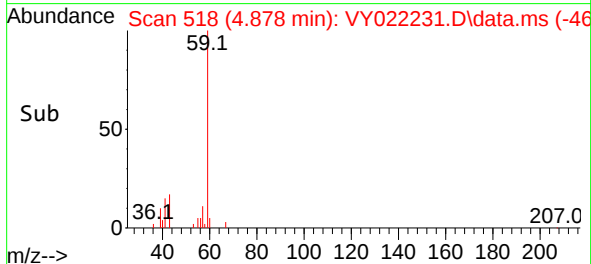
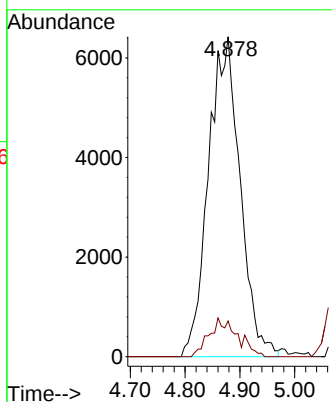
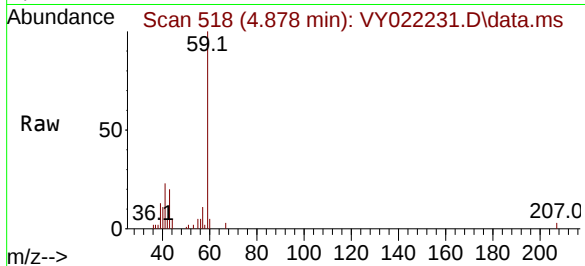




#11
Tert butyl alcohol
Concen: 368.061 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

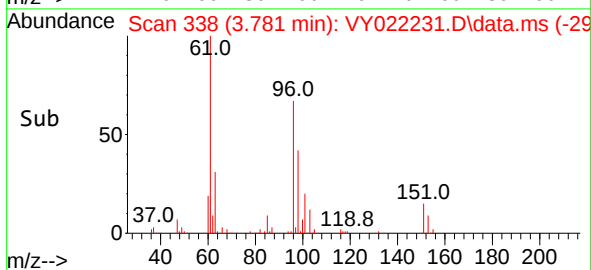
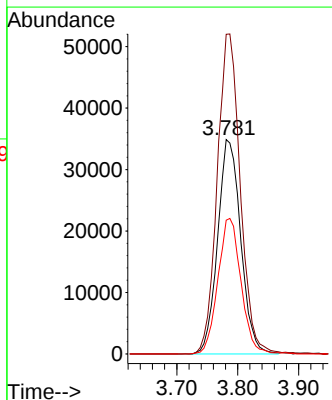
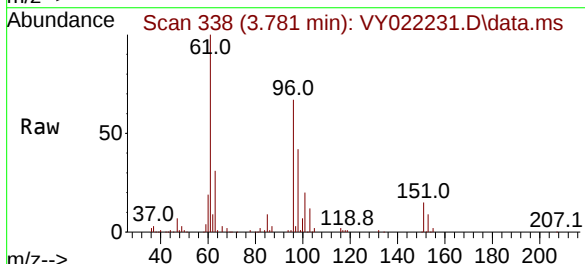
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

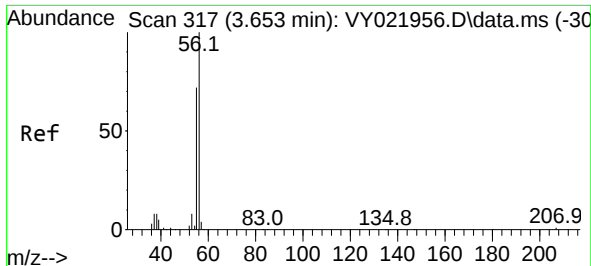
Tgt Ion: 59 Resp: 25756
Ion Ratio Lower Upper
59 100
57 9.2 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 66.842 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 96 Resp: 91696
Ion Ratio Lower Upper
96 100
61 149.1 113.0 169.4
98 62.4 51.4 77.2

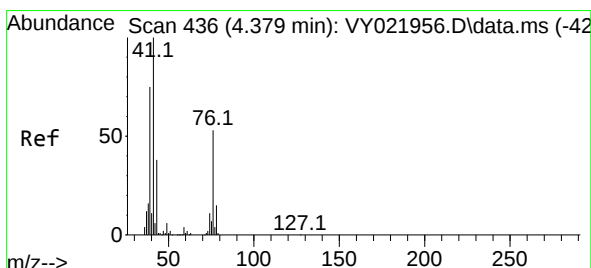
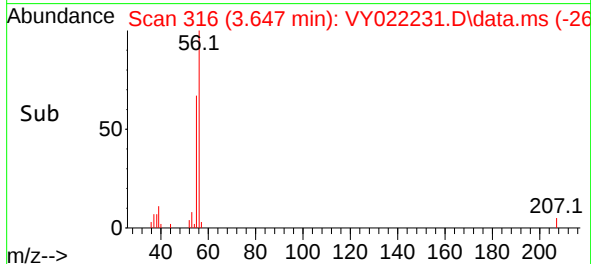
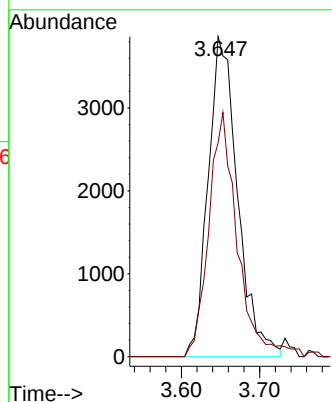
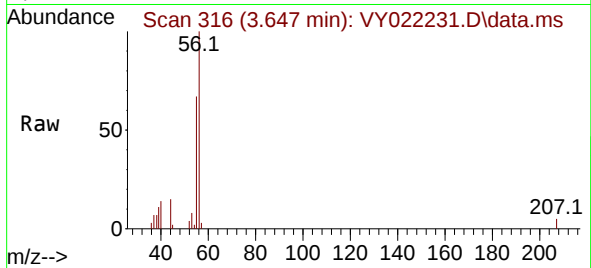




#13
Acrolein
Concen: 80.377 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

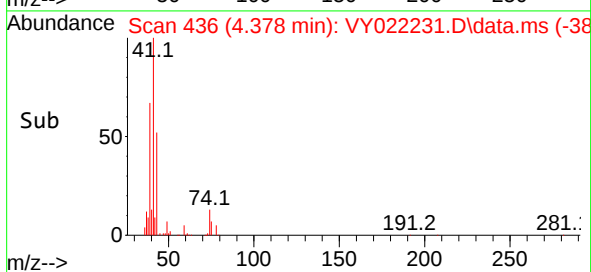
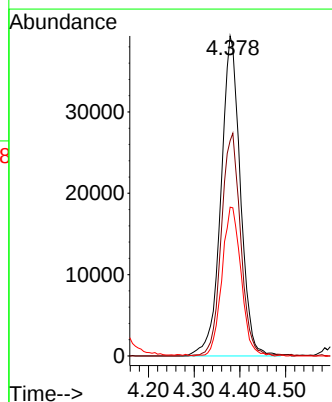
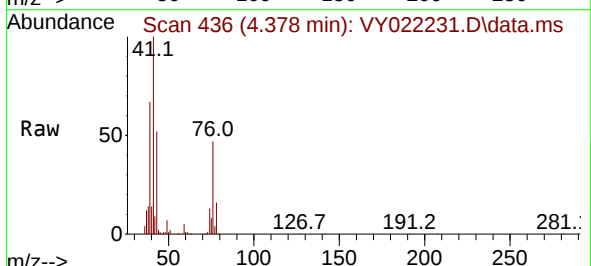
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 10095
Ion Ratio Lower Upper
56 100
55 73.8 57.4 86.0



#14
Allyl chloride
Concen: 72.746 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 41 Resp: 116201
Ion Ratio Lower Upper
41 100
39 69.0 57.2 85.8
76 45.8 39.7 59.5

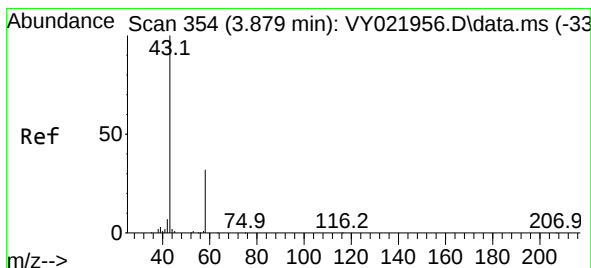
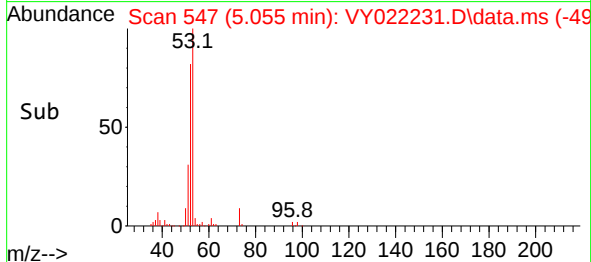
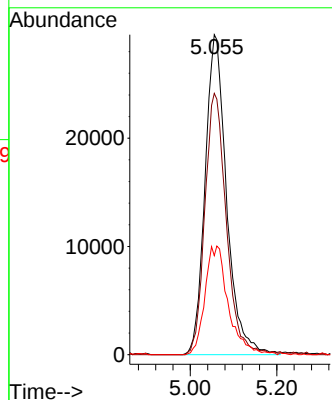
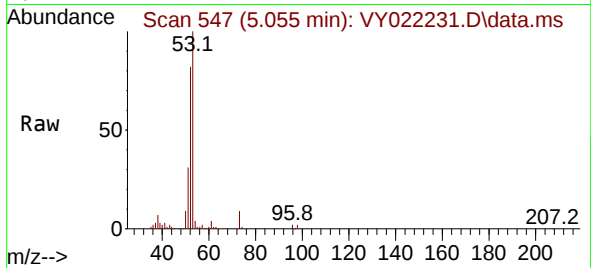




#15
Acrylonitrile
Concen: 394.848 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

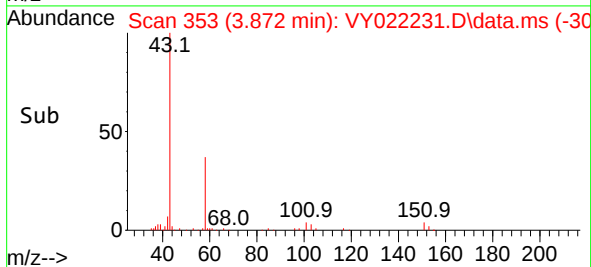
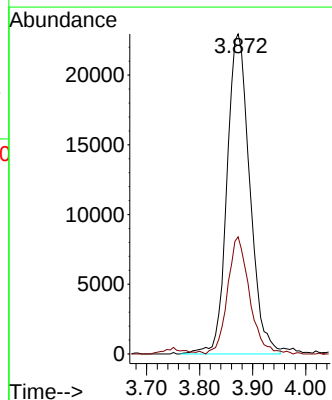
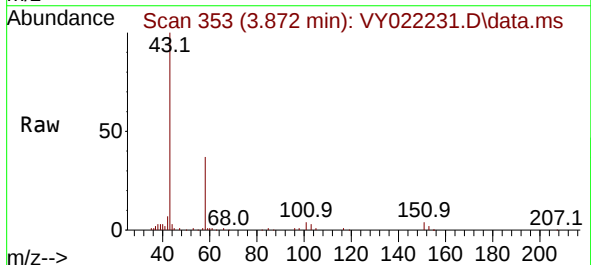
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

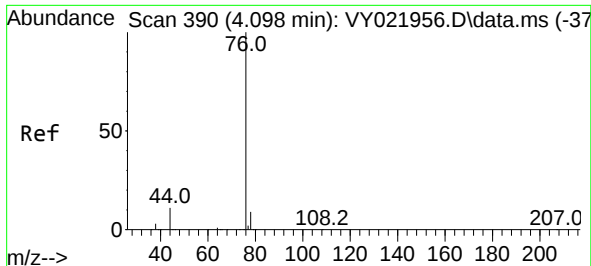
Tgt Ion: 53 Resp: 102076
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 36.9 28.9 43.3



#16
Acetone
Concen: 425.496 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 43 Resp: 68489
Ion Ratio Lower Upper
43 100
58 35.7 27.0 40.4

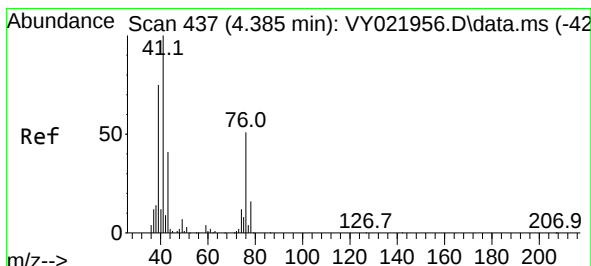
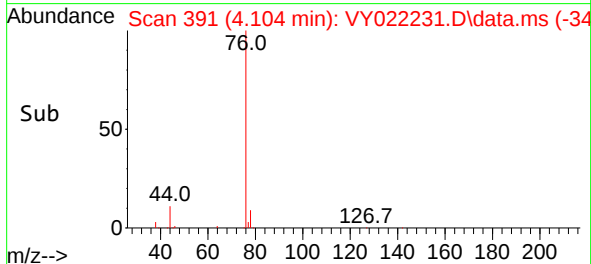
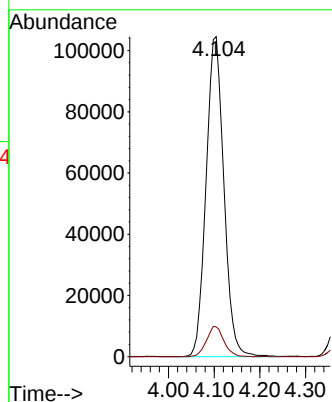
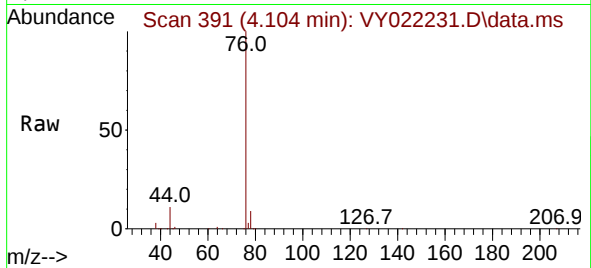




#17
Carbon Disulfide
Concen: 64.635 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

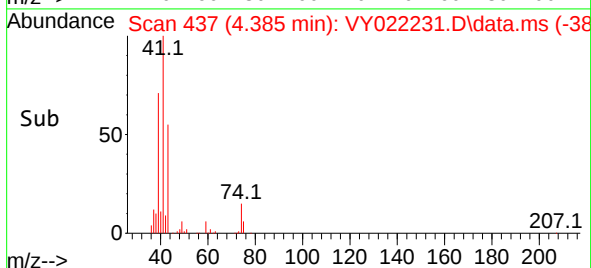
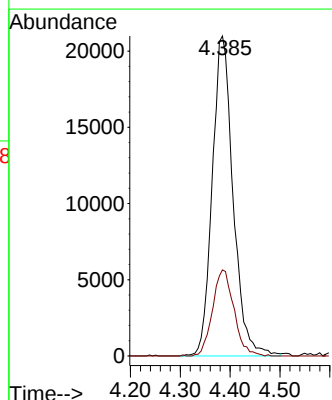
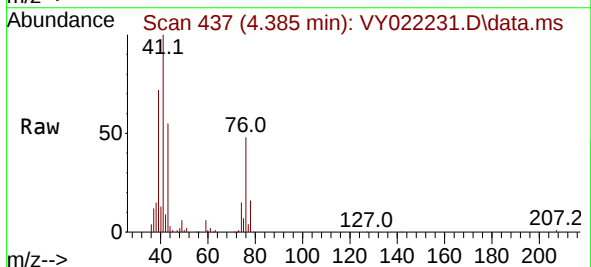
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 282720
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 102.395 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 43 Resp: 60968
Ion Ratio Lower Upper
43 100
74 27.5 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 74.435 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

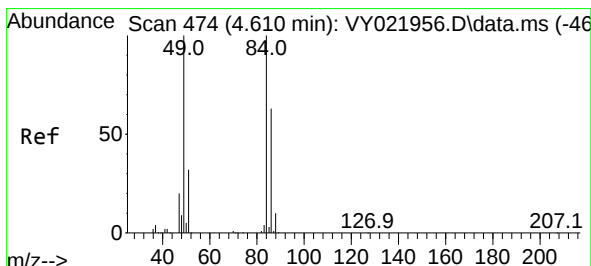
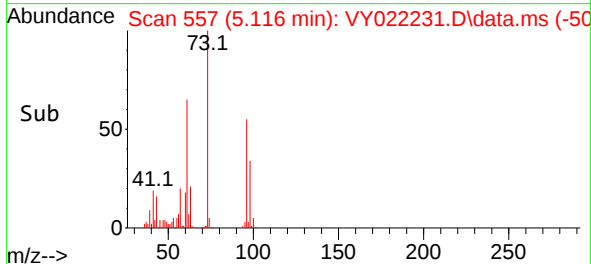
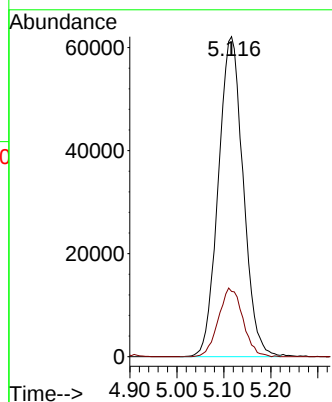
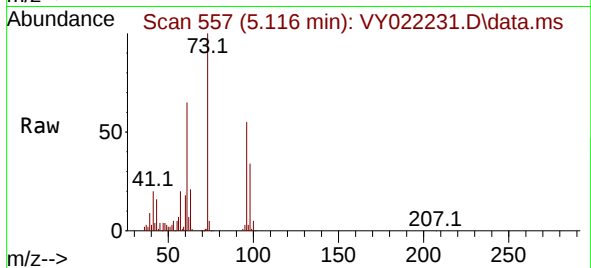
VSTDCCC050EC

Tgt Ion: 73 Resp: 228549

Ion Ratio Lower Upper

73 100

57 20.4 16.9 25.3



#20

Methylene Chloride

Concen: 70.341 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Tgt Ion: 84 Resp: 113373

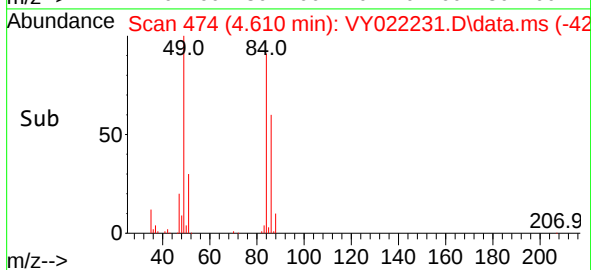
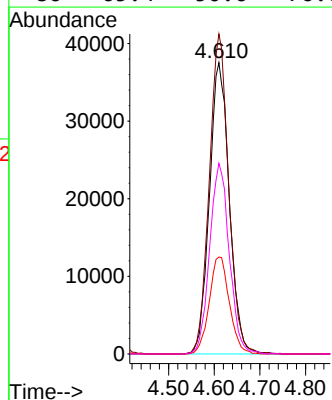
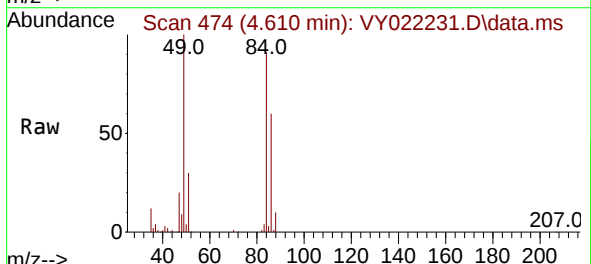
Ion Ratio Lower Upper

84 100

49 109.8 79.9 119.9

51 33.3 25.4 38.0

86 65.4 50.6 76.0

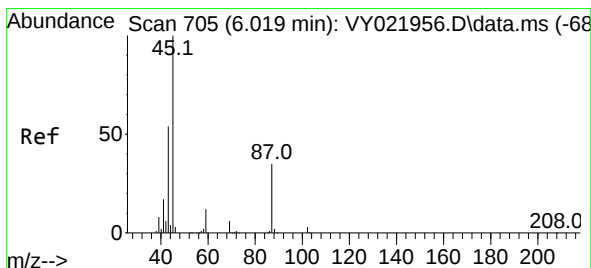
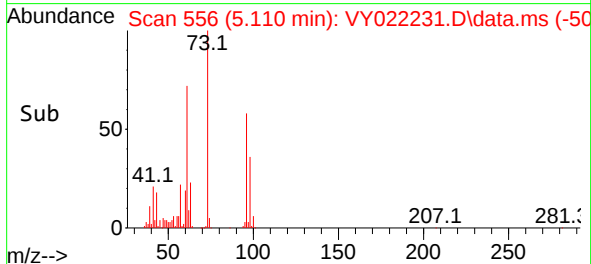
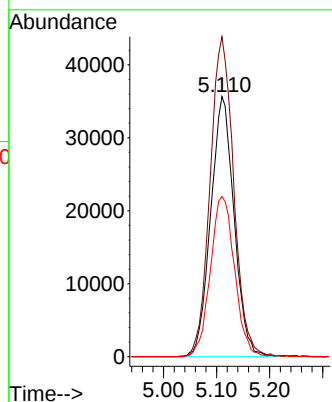
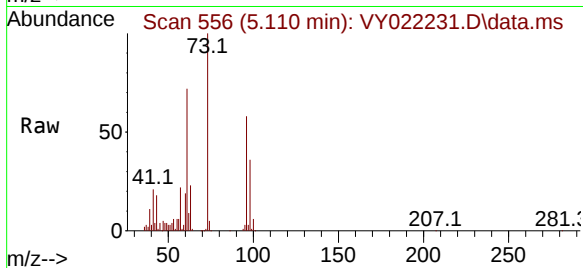




#21
trans-1,2-Dichloroethene
Concen: 70.986 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

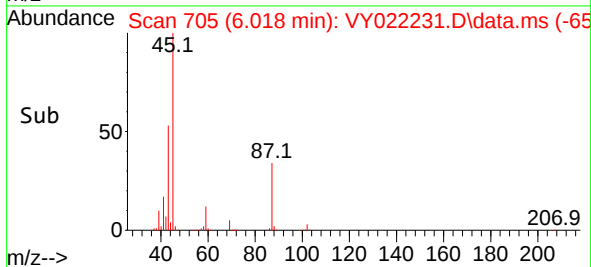
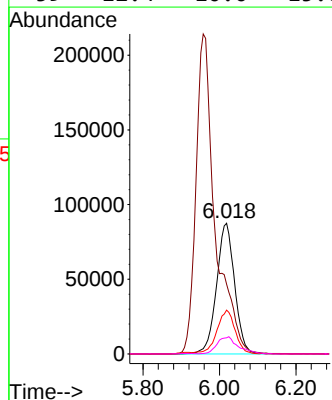
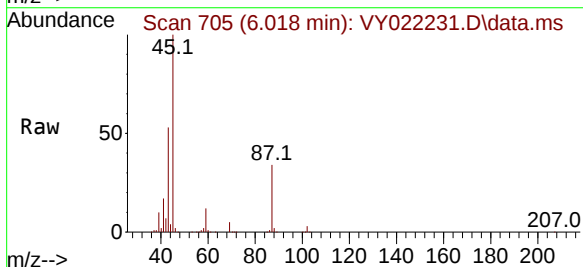
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

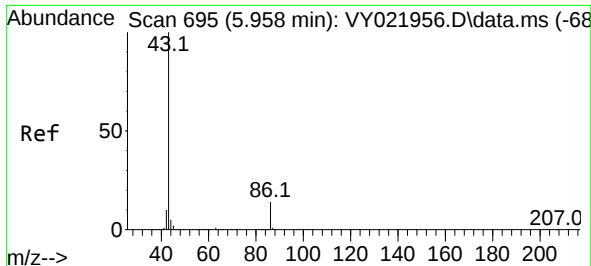
Tgt Ion: 96 Resp: 109060
Ion Ratio Lower Upper
96 100
61 122.7 92.6 138.8
98 61.5 50.2 75.4



#22
Diisopropyl ether
Concen: 80.930 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 45 Resp: 287687
Ion Ratio Lower Upper
45 100
43 53.0 43.6 65.4
87 33.6 28.2 42.4
59 12.4 10.0 15.0

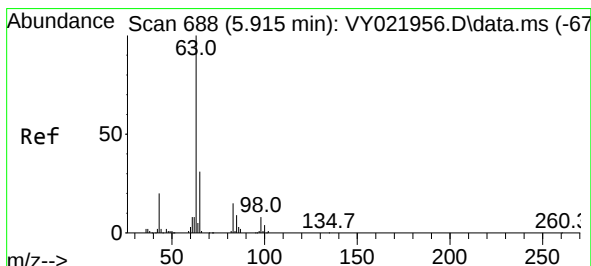
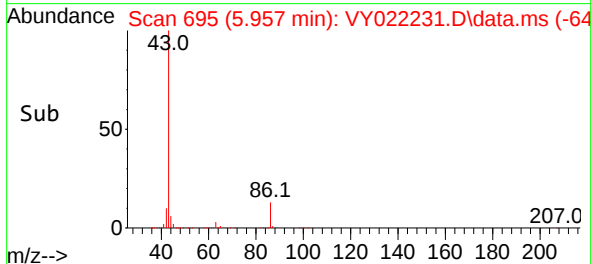
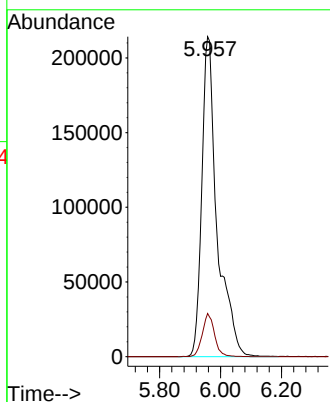
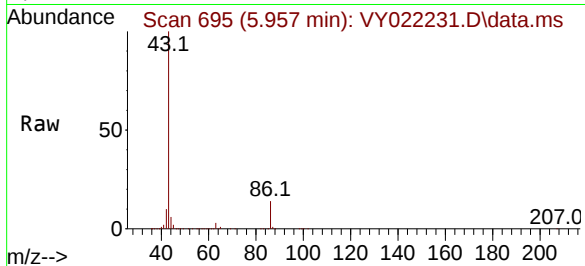




#23
 Vinyl Acetate
 Concen: 388.823 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022231.D
 Acq: 12 May 2025 18:04

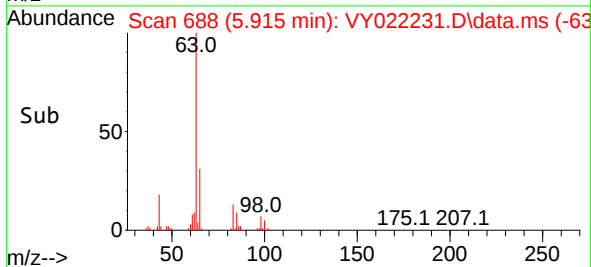
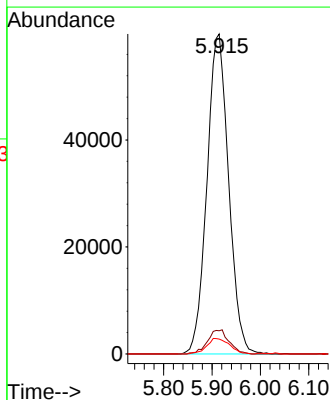
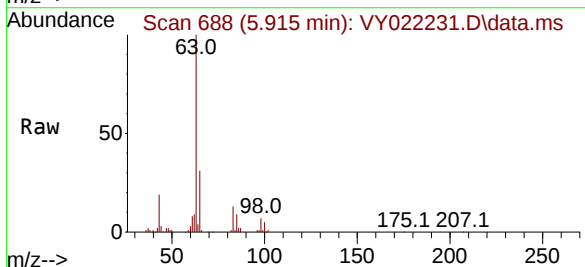
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

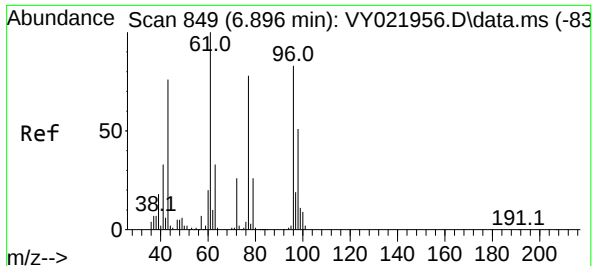
Tgt Ion: 43 Resp: 744895
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 75.565 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022231.D
 Acq: 12 May 2025 18:04

Tgt Ion: 63 Resp: 186192
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 11.9
 100 4.7 2.0 6.0





#25

2-Butanone

Concen: 403.887 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

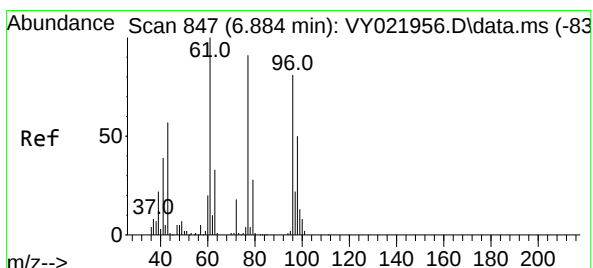
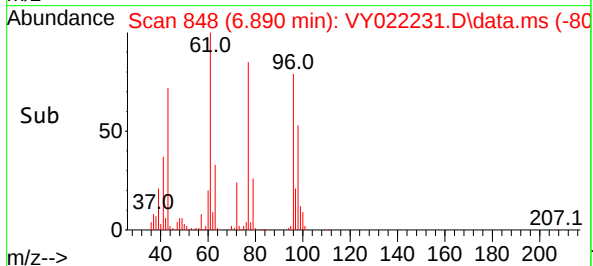
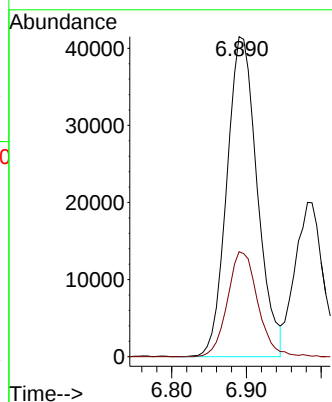
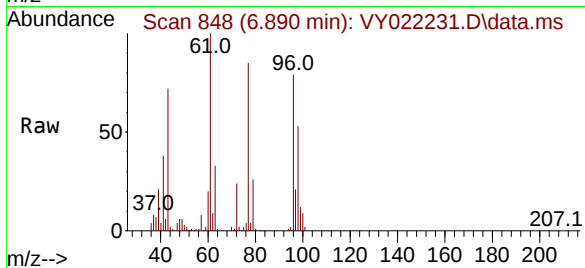
VSTDCCC050EC

Tgt Ion: 43 Resp: 117350

Ion Ratio Lower Upper

43 100

72 32.8 27.0 40.4



#26

2,2-Dichloropropane

Concen: 72.742 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY022231.D

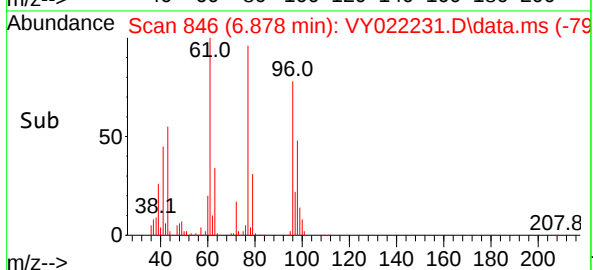
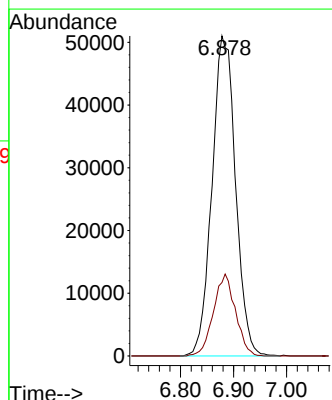
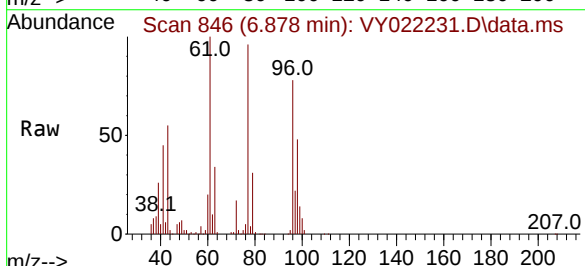
Acq: 12 May 2025 18:04

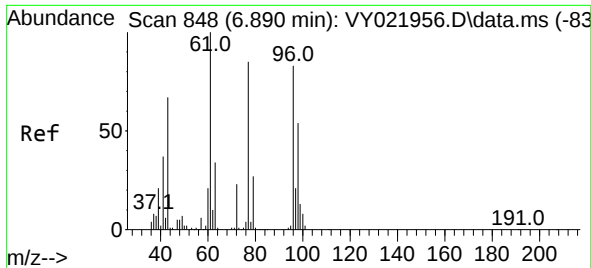
Tgt Ion: 77 Resp: 157095

Ion Ratio Lower Upper

77 100

97 23.9 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 73.578 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

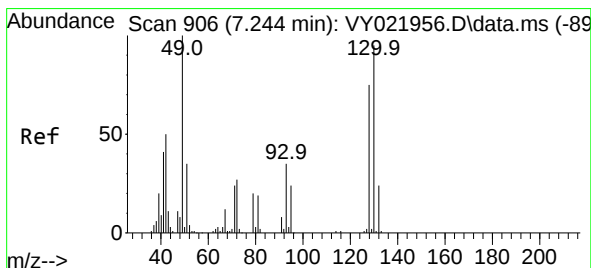
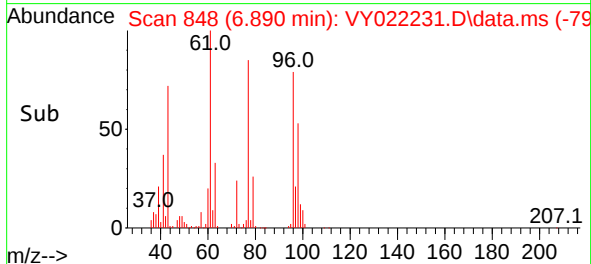
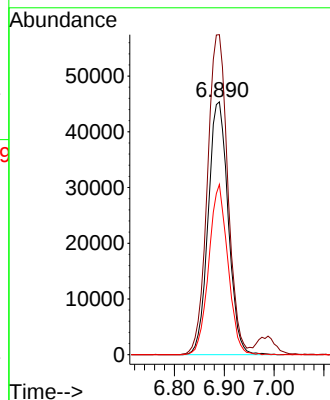
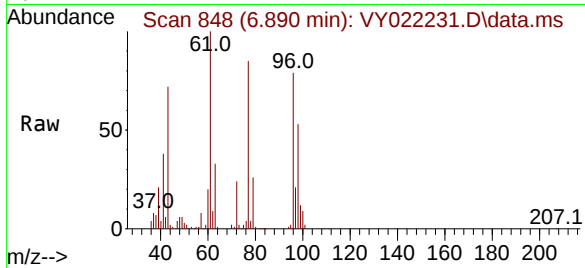
Tgt Ion: 96 Resp: 126398

Ion Ratio Lower Upper

96 100

61 129.7 0.0 251.4

98 64.3 0.0 128.4



#28

Bromochloromethane

Concen: 84.234 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

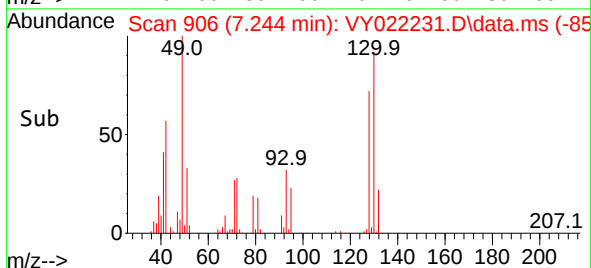
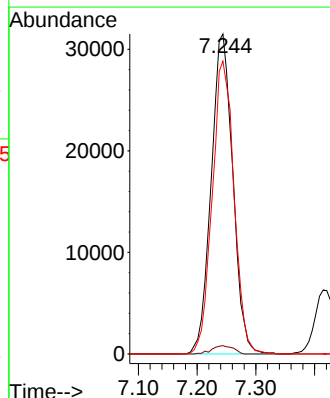
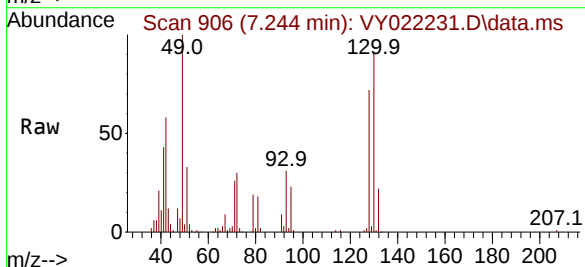
Tgt Ion: 49 Resp: 80617

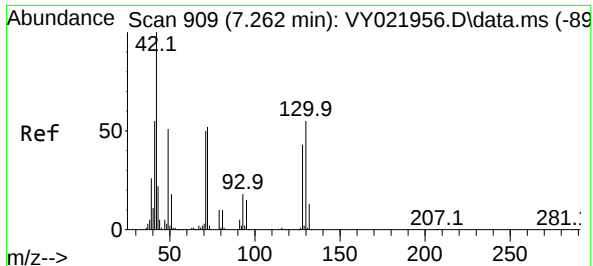
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.0

130 92.1 78.2 117.4





#29

Tetrahydrofuran

Concen: 416.511 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

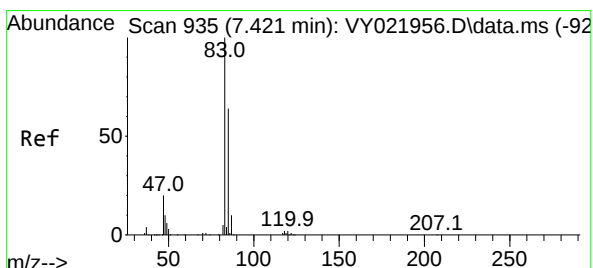
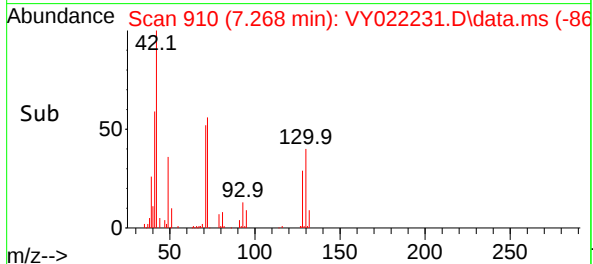
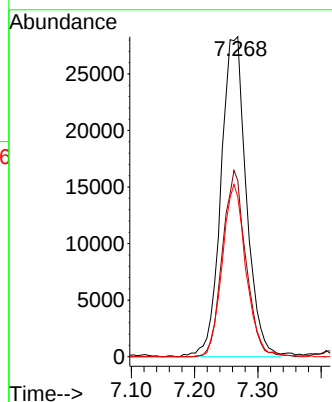
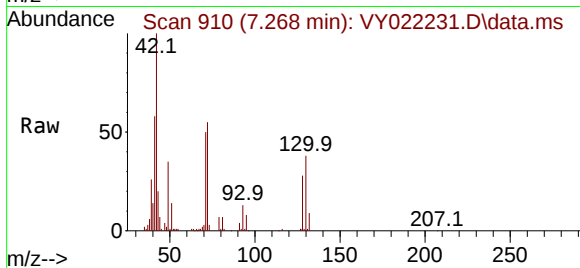
Tgt Ion: 42 Resp: 78599

Ion Ratio Lower Upper

42 100

72 53.8 42.6 63.8

71 50.5 40.6 61.0



#30

Chloroform

Concen: 77.535 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022231.D

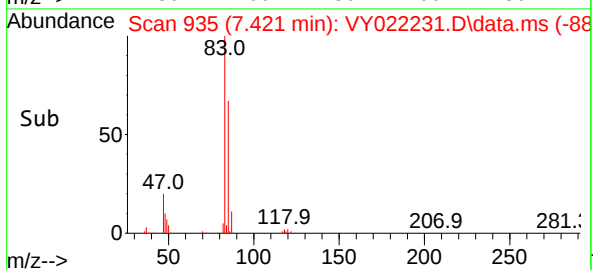
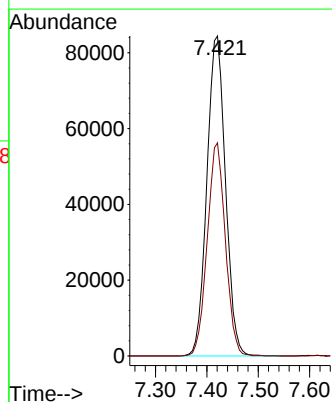
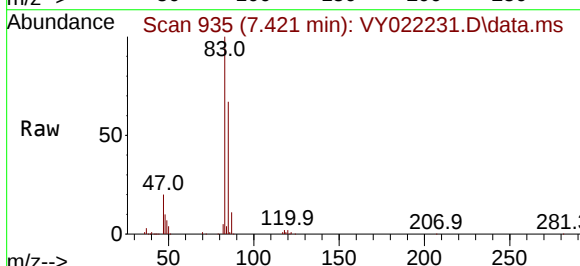
Acq: 12 May 2025 18:04

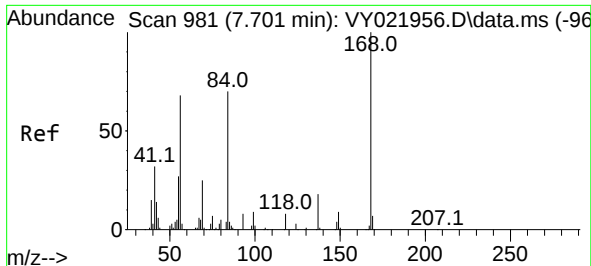
Tgt Ion: 83 Resp: 211912

Ion Ratio Lower Upper

83 100

85 66.6 51.3 76.9

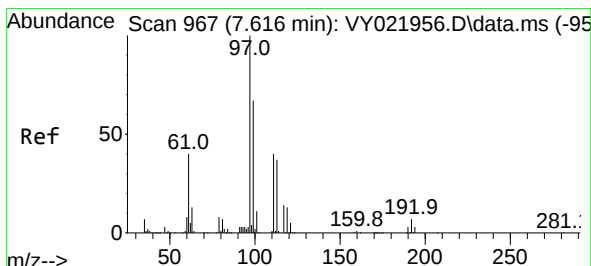
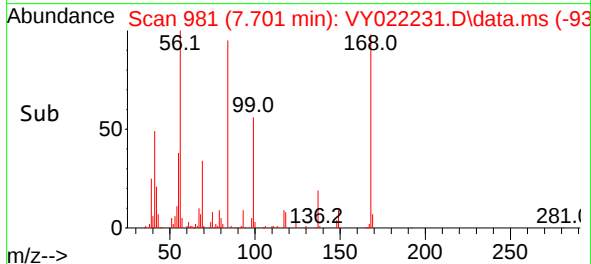
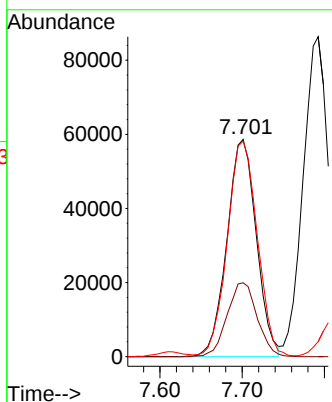
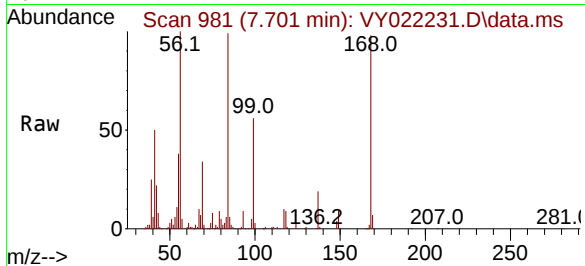




#31
Cyclohexane
Concen: 69.391 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

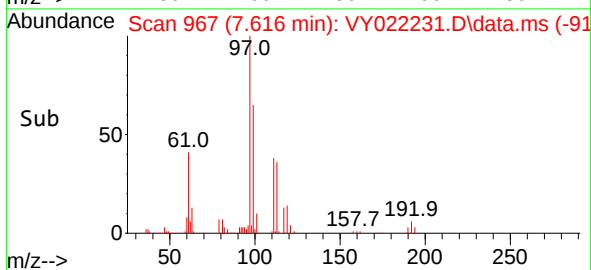
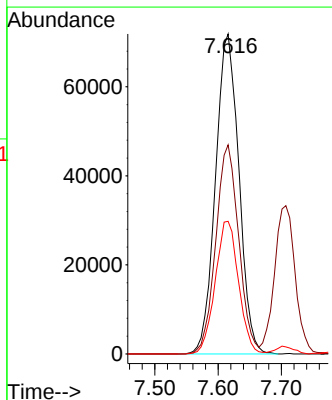
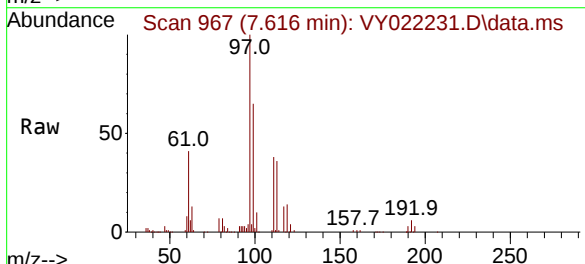
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

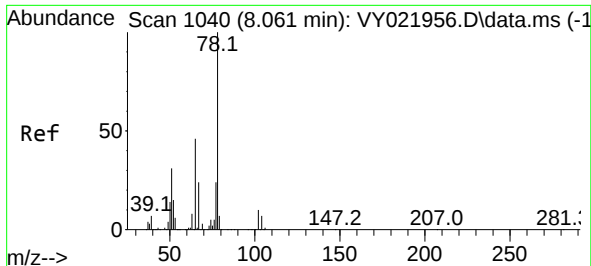
Tgt Ion: 56 Resp: 146213
Ion Ratio Lower Upper
56 100
69 34.0 29.4 44.2
84 97.4 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 74.579 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 97 Resp: 184411
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 41.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 77.802 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

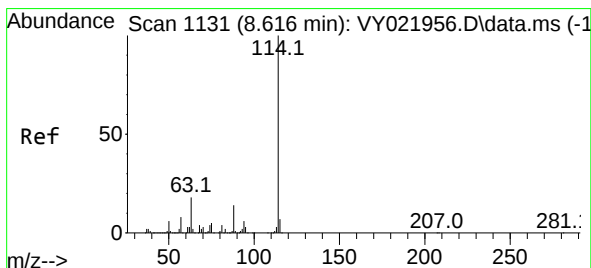
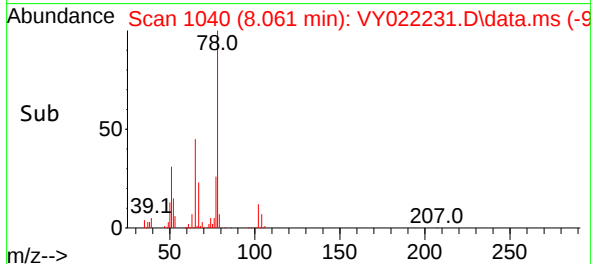
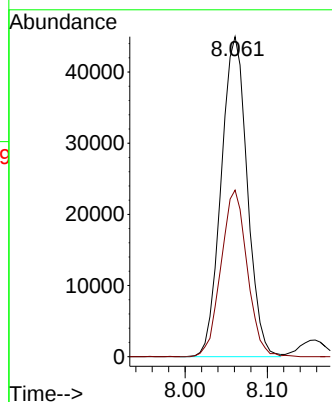
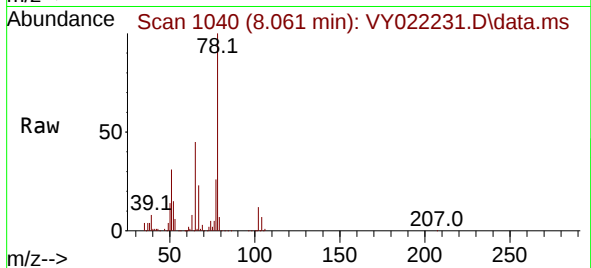
VSTDCCC050EC

Tgt Ion: 65 Resp: 99171

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

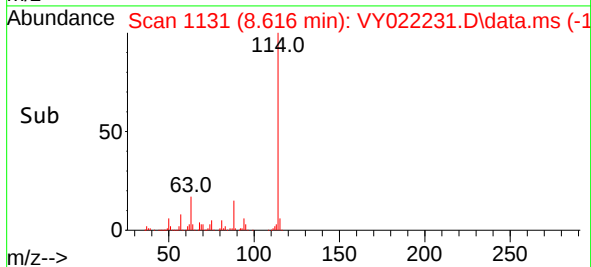
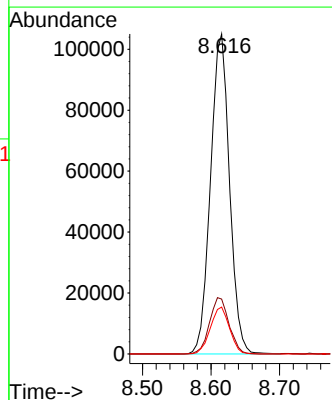
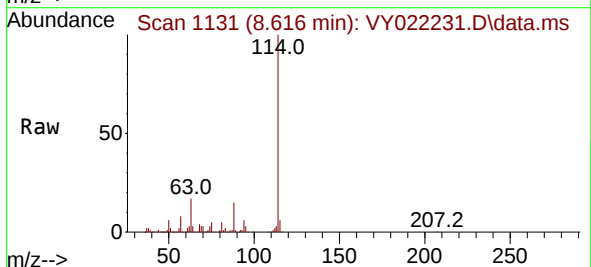
Tgt Ion:114 Resp: 202474

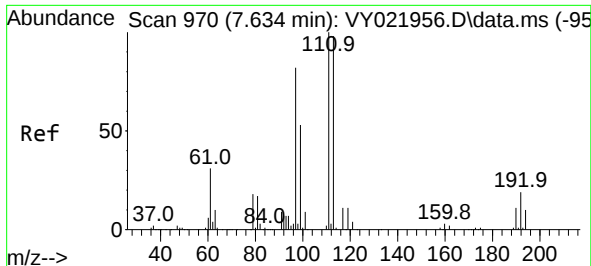
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

88 14.6 0.0 28.2

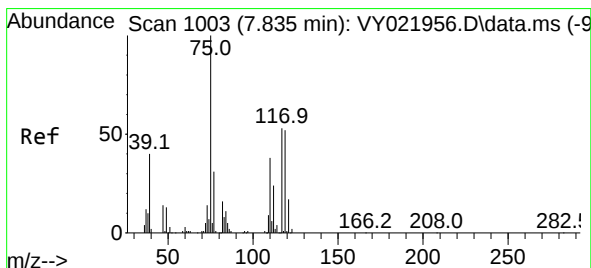
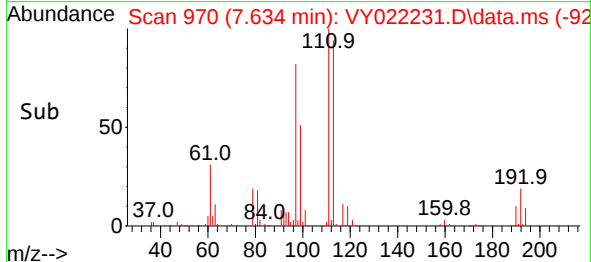
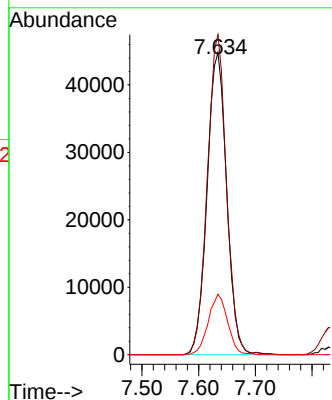
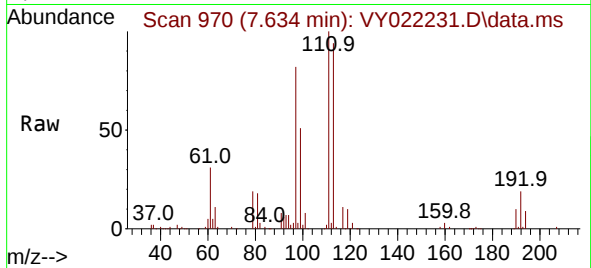




#35
Dibromofluoromethane
Concen: 80.508 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

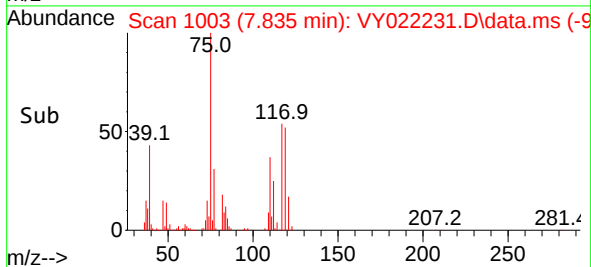
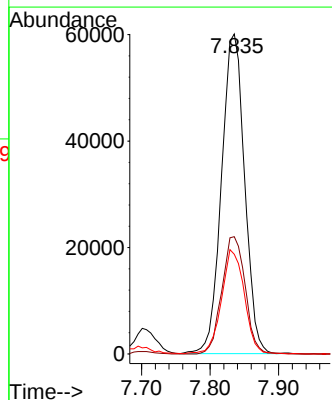
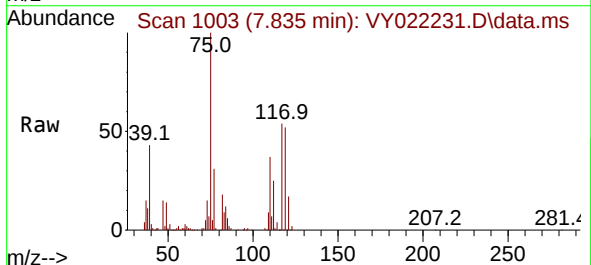
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

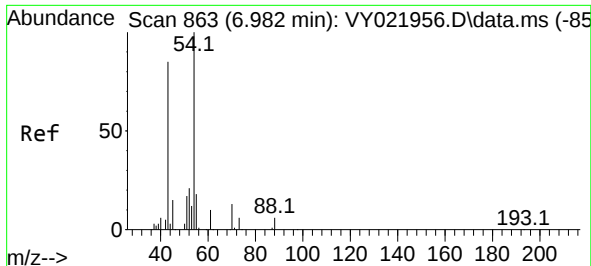
Tgt Ion:113 Resp: 107692
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.8
192 19.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 78.145 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 75 Resp: 140412
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.3
77 32.3 25.5 38.3





#37

Ethyl Acetate

Concen: 83.774 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

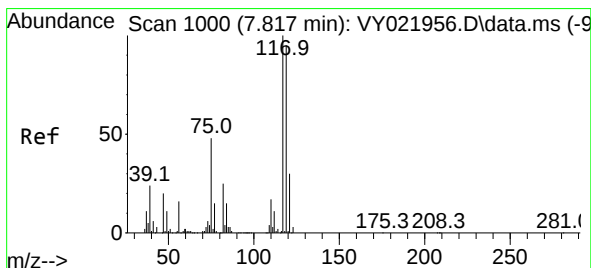
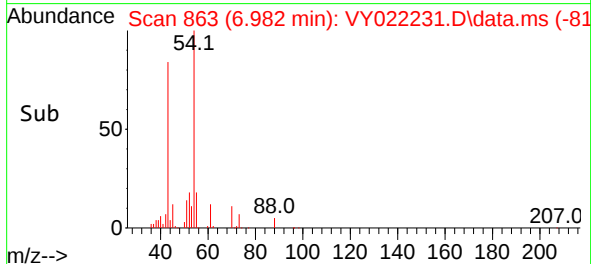
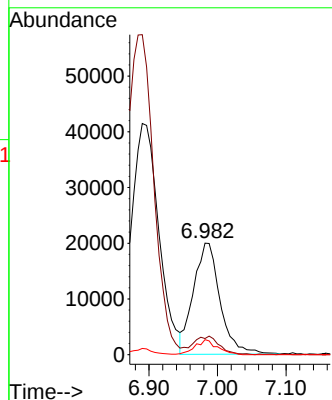
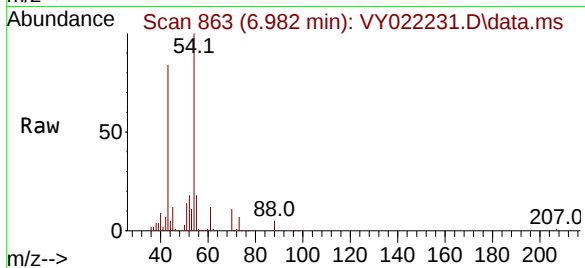
Tgt Ion: 43 Resp: 54062

Ion Ratio Lower Upper

43 100

61 15.2 13.8 20.6

70 11.1 9.2 13.8



#38

Carbon Tetrachloride

Concen: 78.344 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

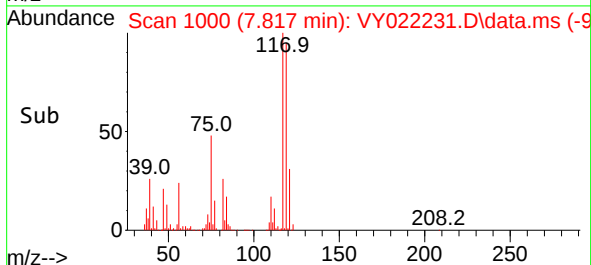
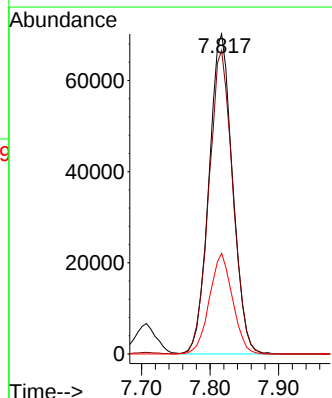
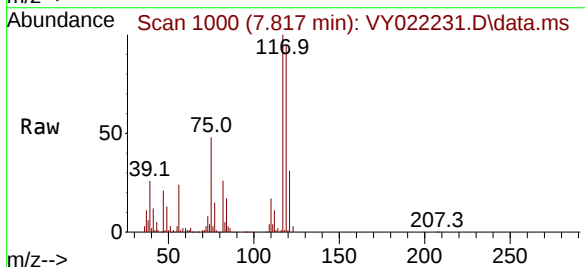
Tgt Ion: 117 Resp: 168210

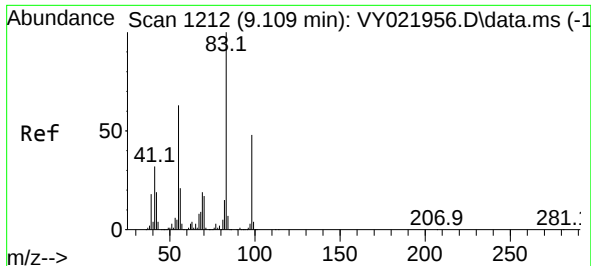
Ion Ratio Lower Upper

117 100

119 94.9 76.2 114.4

121 31.5 24.0 36.0





#39

Methylcyclohexane

Concen: 75.413 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

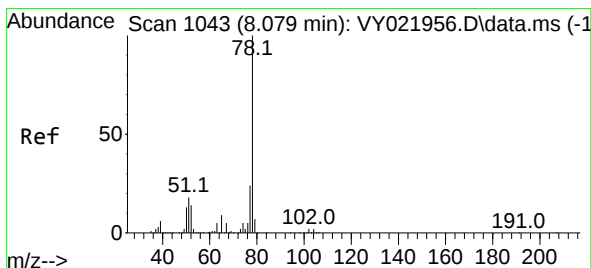
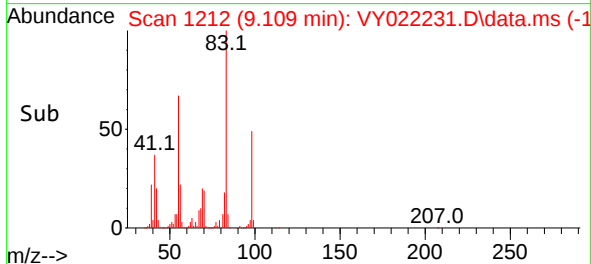
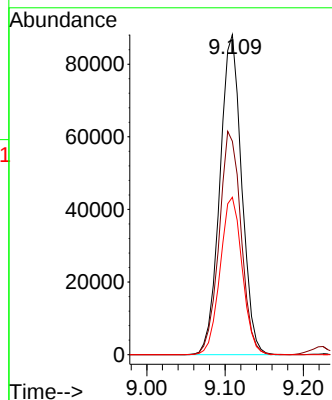
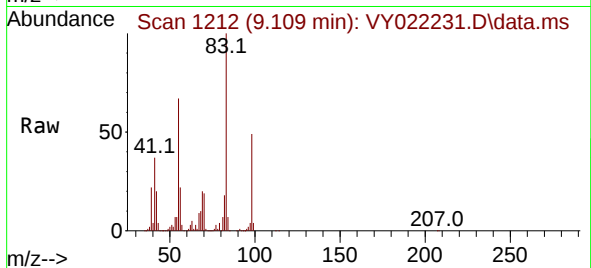
Tgt Ion: 83 Resp: 170524

Ion Ratio Lower Upper

83 100

55 66.7 50.6 75.8

98 49.2 38.6 58.0



#40

Benzene

Concen: 80.619 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022231.D

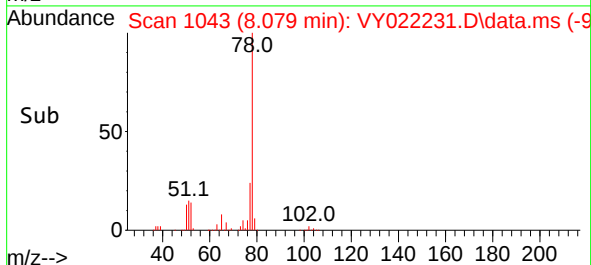
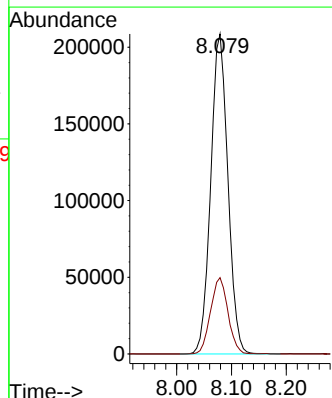
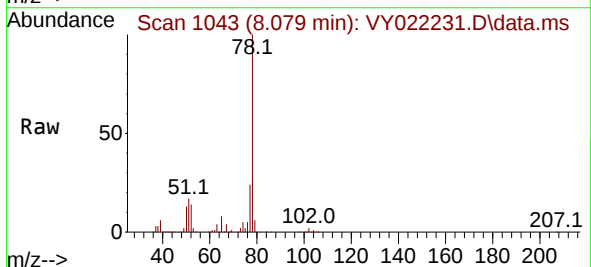
Acq: 12 May 2025 18:04

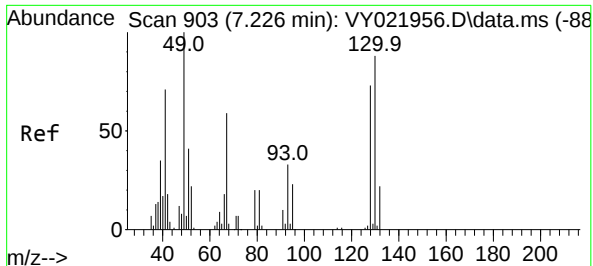
Tgt Ion: 78 Resp: 452823

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

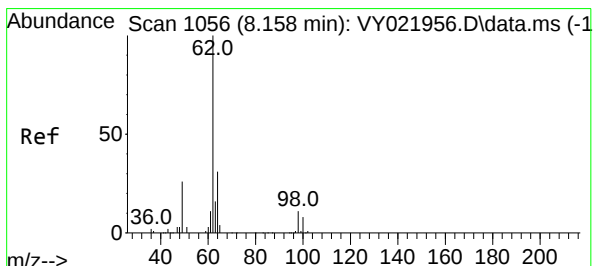
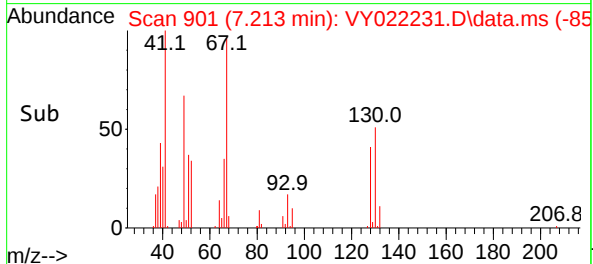
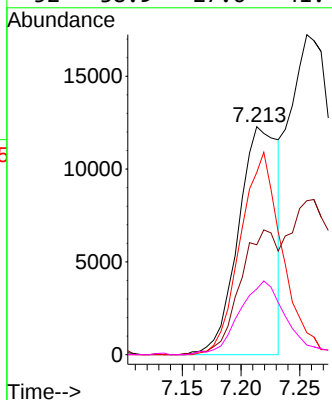
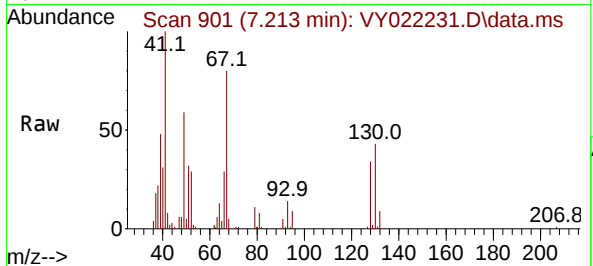




#41
Methacrylonitrile
Concen: 81.534 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

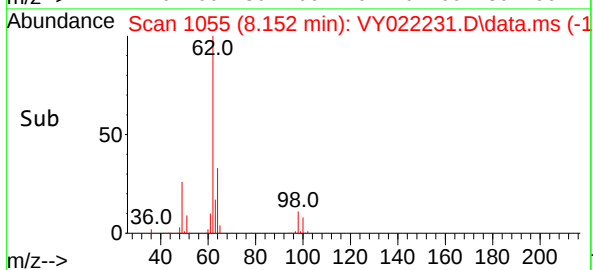
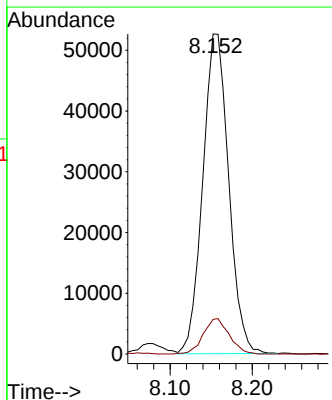
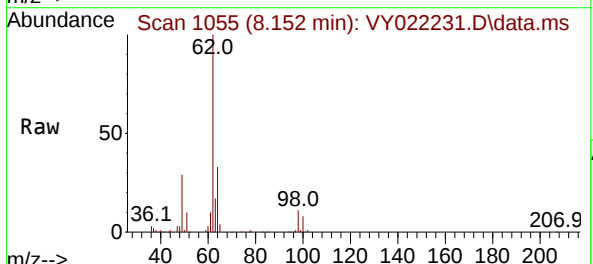
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

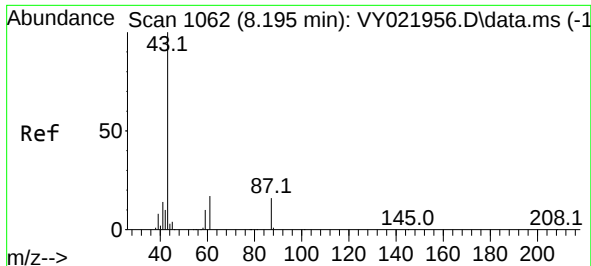
Tgt Ion: 41 Resp: 28763
Ion Ratio Lower Upper
41 100
39 52.5 36.6 55.0
67 94.8 72.2 108.4
52 38.9 27.6 41.4



#42
1,2-Dichloroethane
Concen: 82.792 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 62 Resp: 115134
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0

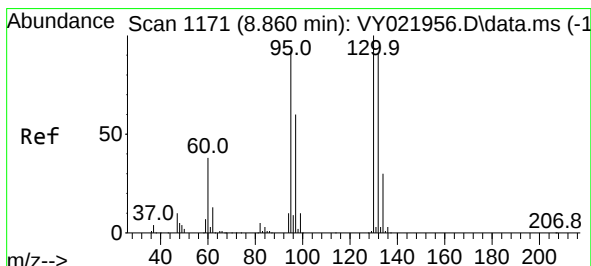
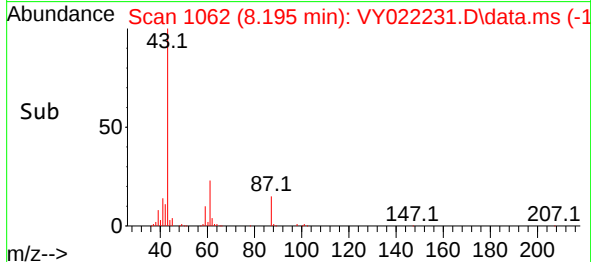
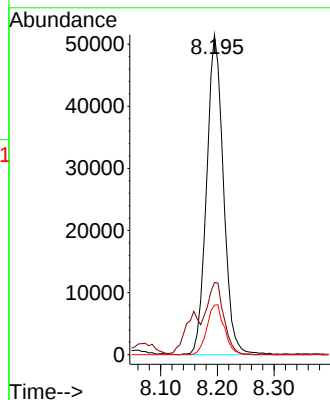
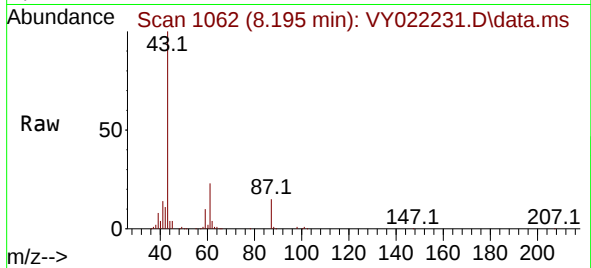




#43
Isopropyl Acetate
Concen: 85.503 ug/l
RT: 8.195 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

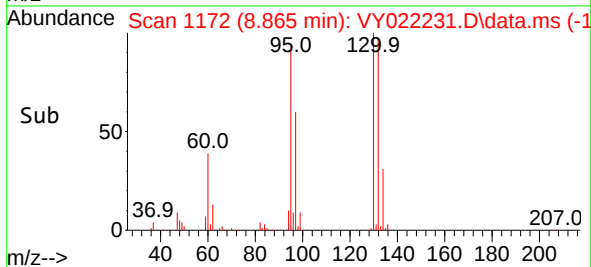
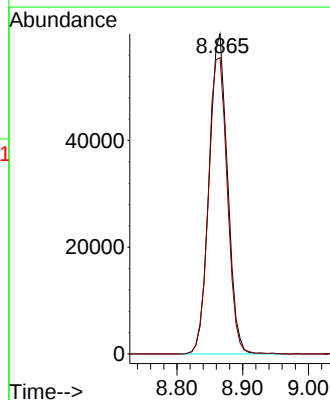
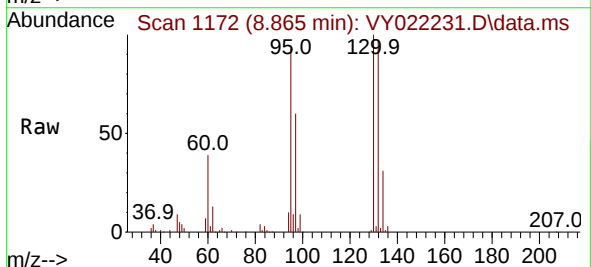
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

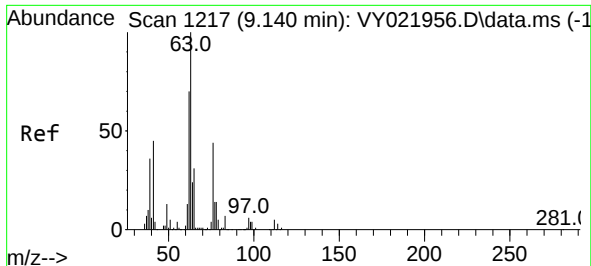
Tgt Ion: 43 Resp: 105964
Ion Ratio Lower Upper
43 100
61 23.1 18.9 28.3
87 16.1 13.7 20.5



#44
Trichloroethene
Concen: 74.679 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion:130 Resp: 116183
Ion Ratio Lower Upper
130 100
95 92.6 0.0 183.2





#45

1,2-Dichloropropane

Concen: 84.419 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

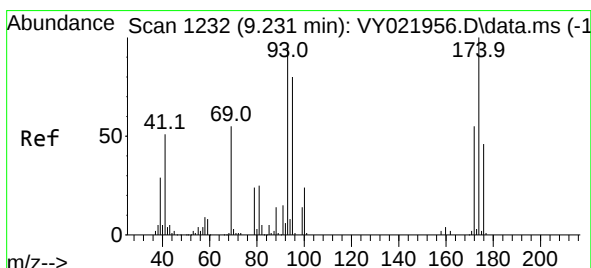
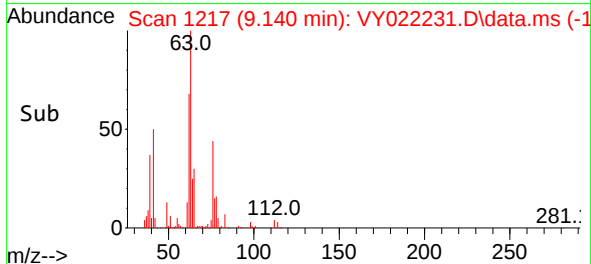
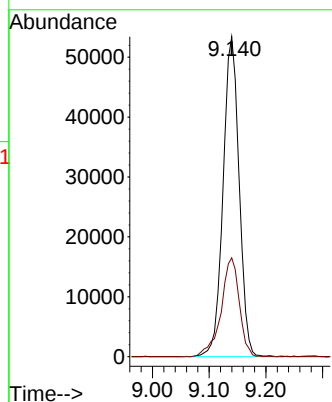
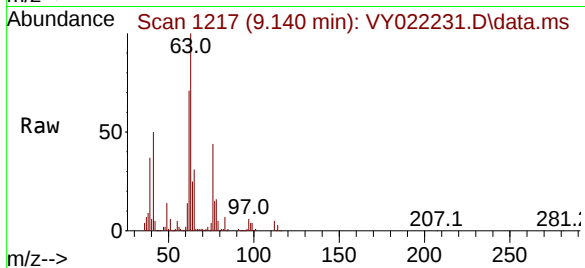
VSTDCCC050EC

Tgt Ion: 63 Resp: 104859

Ion Ratio Lower Upper

63 100

65 30.9 25.2 37.8



#46

Dibromomethane

Concen: 83.721 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

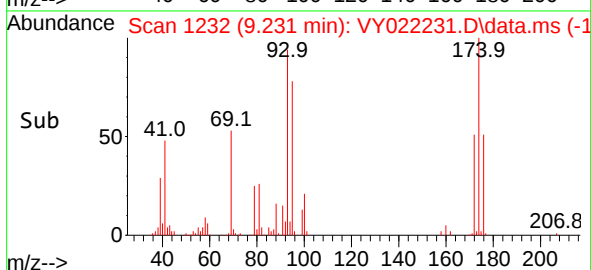
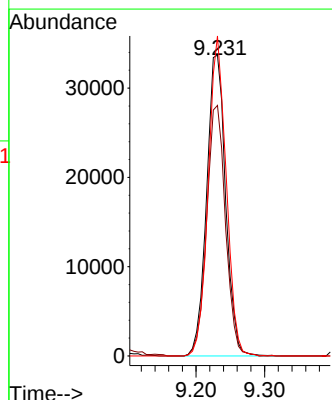
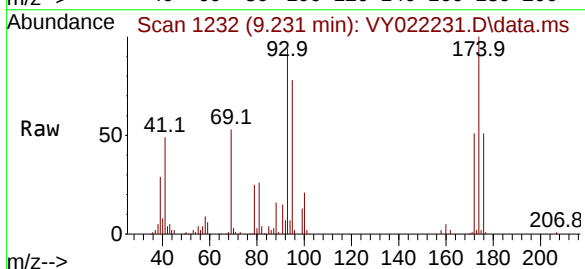
Tgt Ion: 93 Resp: 65098

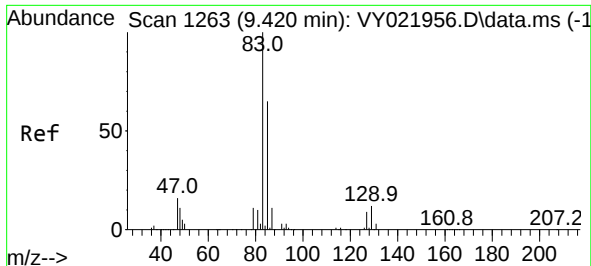
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 100.0 84.6 127.0

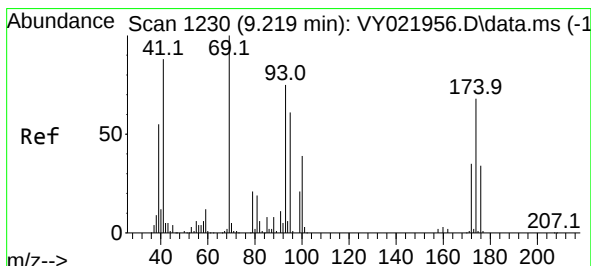
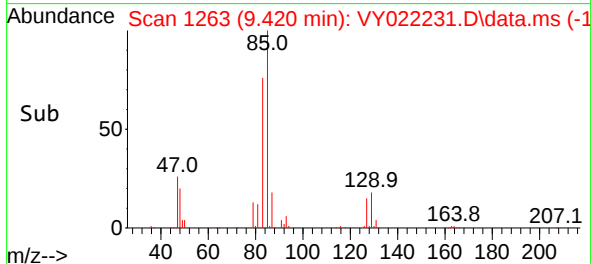
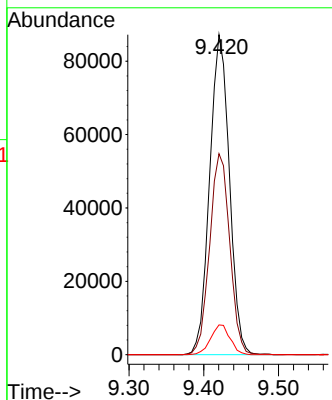
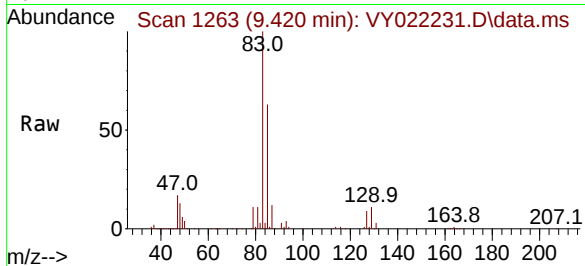




#47
Bromodichloromethane
Concen: 82.482 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

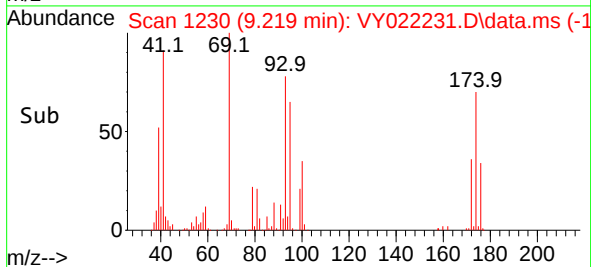
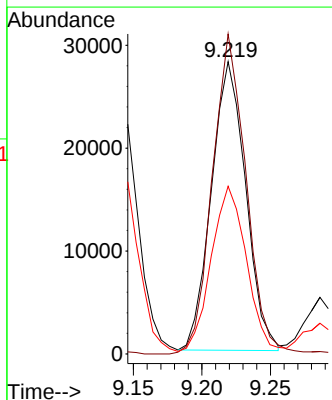
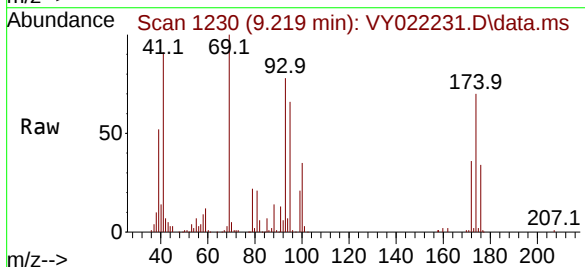
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

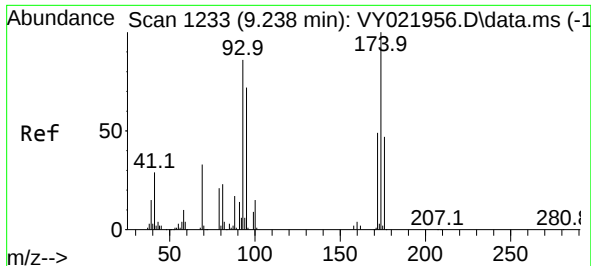
Tgt Ion: 83 Resp: 160218
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.8
127 9.3 7.0 10.6



#48
Methyl methacrylate
Concen: 85.303 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 41 Resp: 48871
Ion Ratio Lower Upper
41 100
69 108.9 85.5 128.3
39 58.6 46.2 69.4





#49

1,4-Dioxane

Concen: 1643.193 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

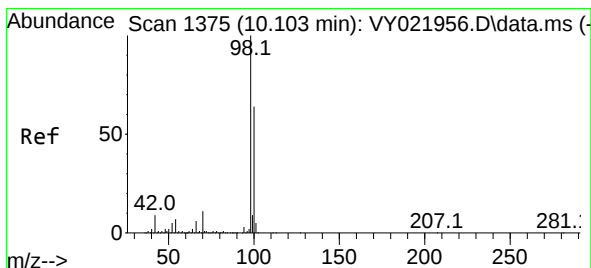
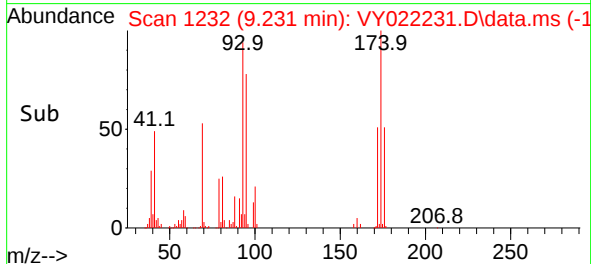
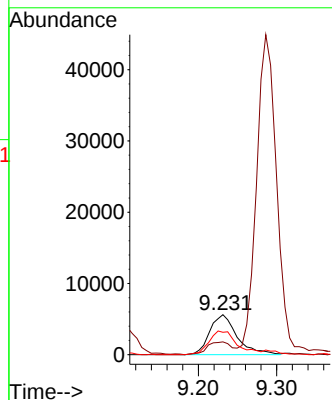
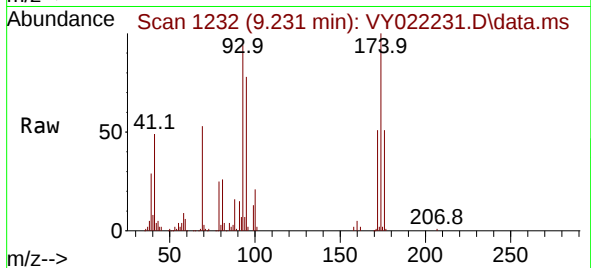
Tgt Ion: 88 Resp: 13618

Ion Ratio Lower Upper

88 100

43 29.4 21.3 31.9

58 60.5 50.5 75.7



#50

Toluene-d8

Concen: 81.618 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022231.D

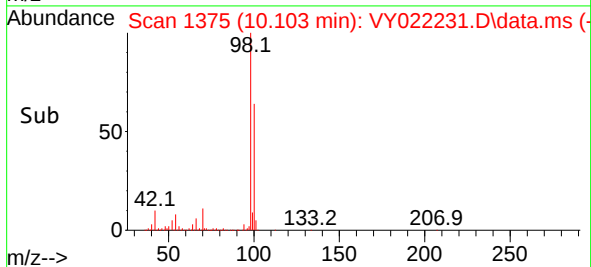
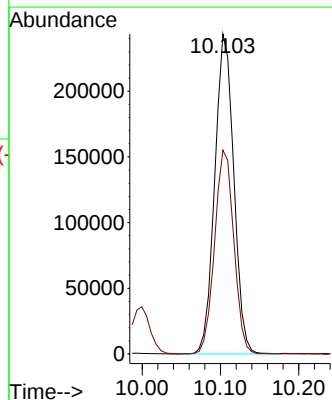
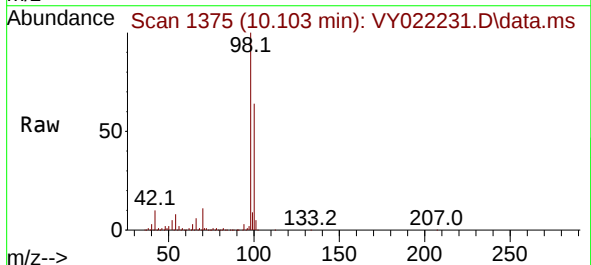
Acq: 12 May 2025 18:04

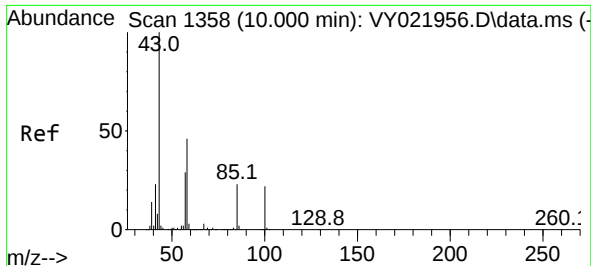
Tgt Ion: 98 Resp: 411594

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

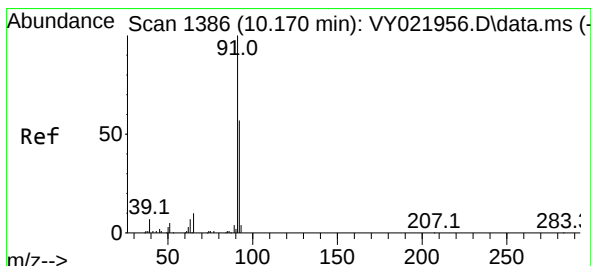
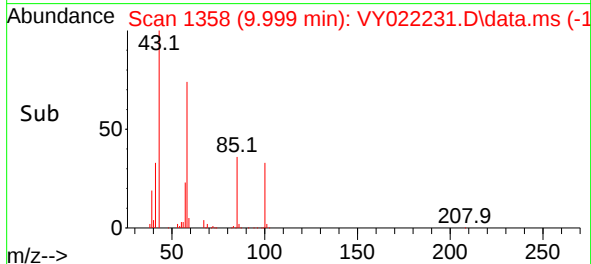
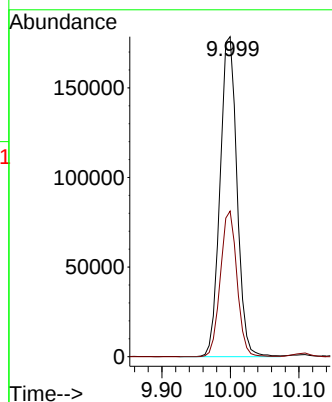
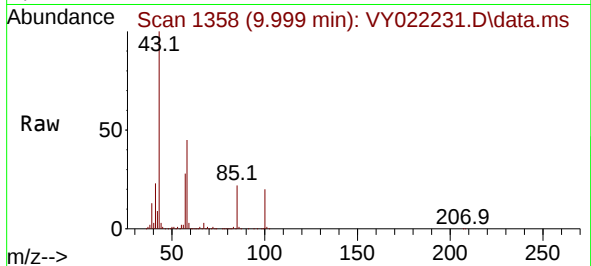




#51
4-Methyl-2-Pentanone
Concen: 470.975 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

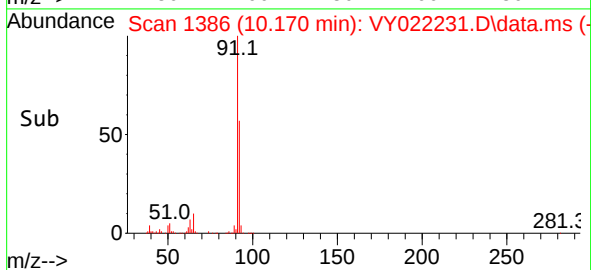
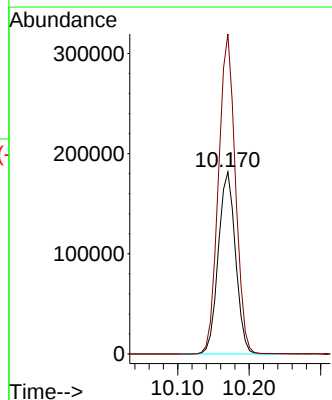
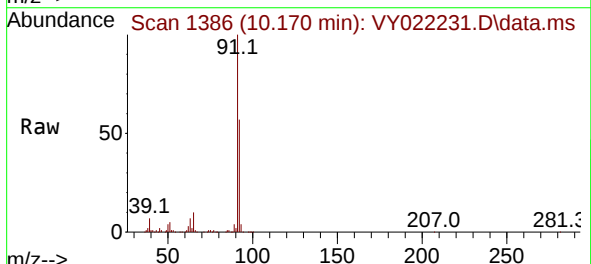
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

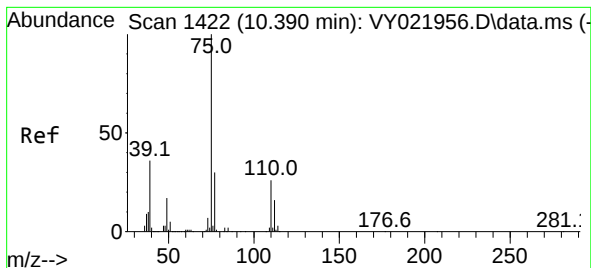
Tgt Ion: 43 Resp: 305973
Ion Ratio Lower Upper
43 100
58 44.5 36.6 55.0



#52
Toluene
Concen: 83.372 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 92 Resp: 303124
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8

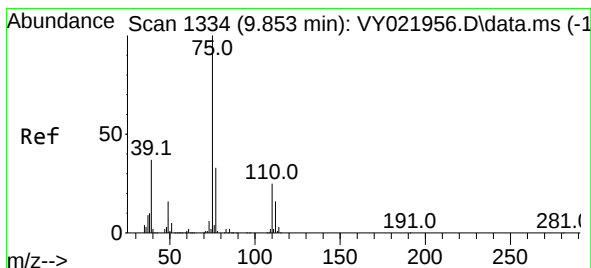
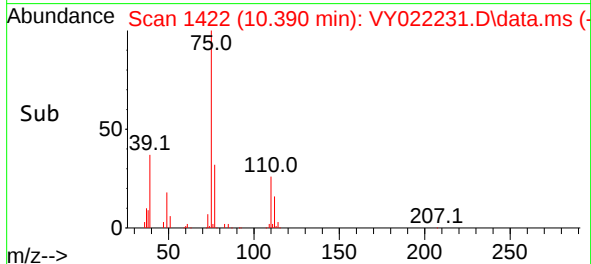
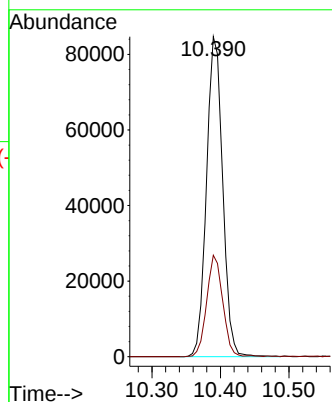
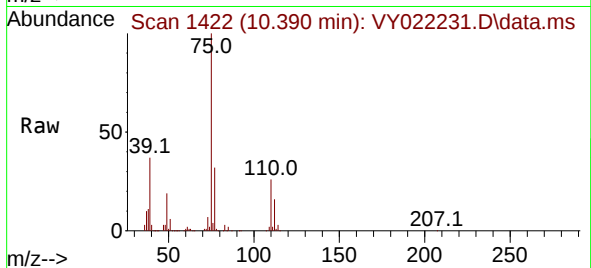




#53
t-1,3-Dichloropropene
Concen: 83.600 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

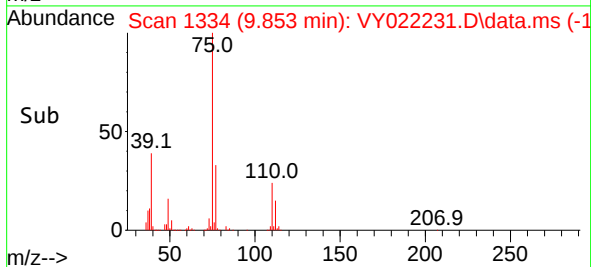
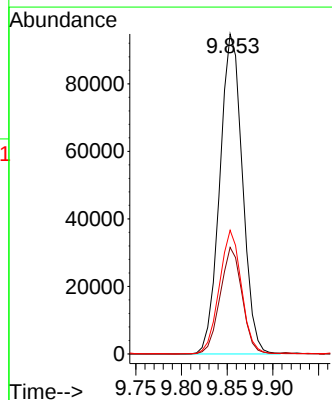
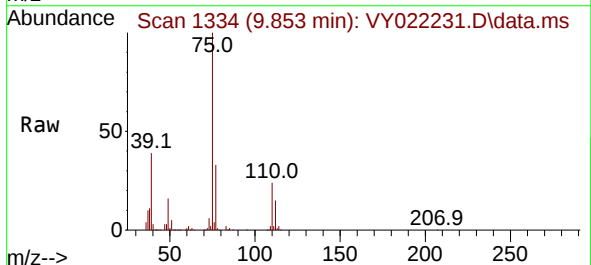
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

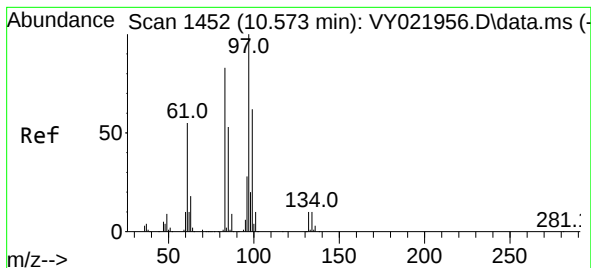
Tgt Ion: 75 Resp: 139289
Ion Ratio Lower Upper
75 100
77 31.7 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 82.578 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 75 Resp: 163551
Ion Ratio Lower Upper
75 100
77 33.3 26.6 40.0
39 38.6 29.6 44.4

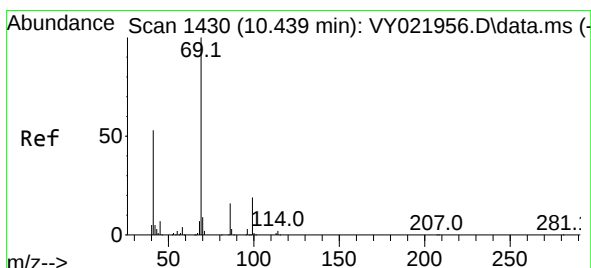
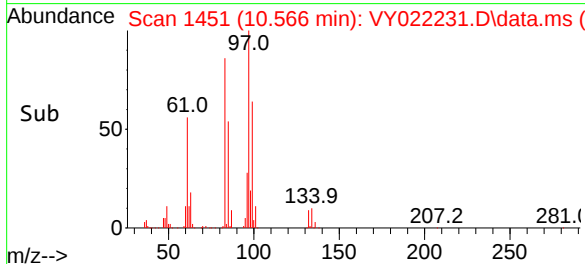
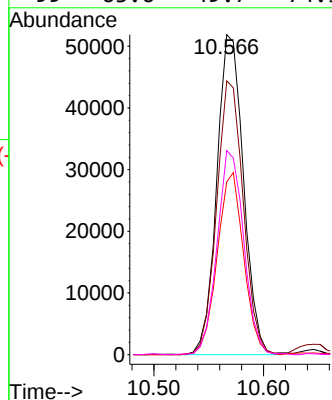
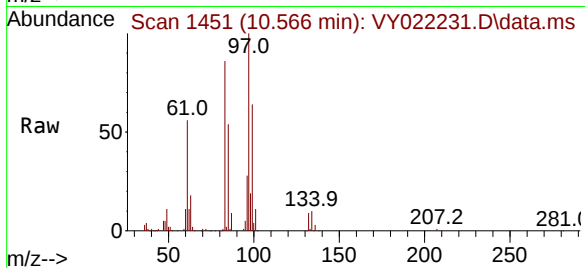




#55
1,1,2-Trichloroethane
Concen: 84.397 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

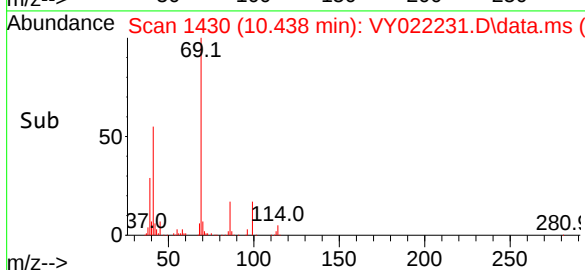
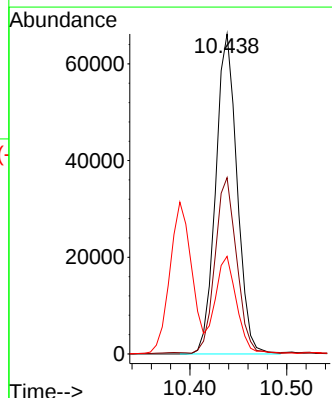
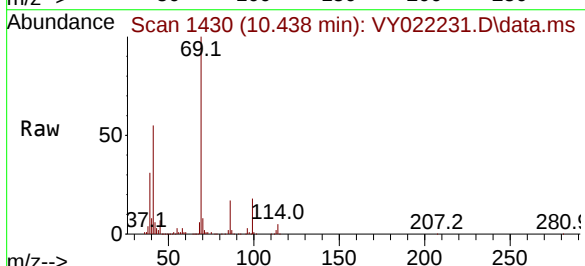
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

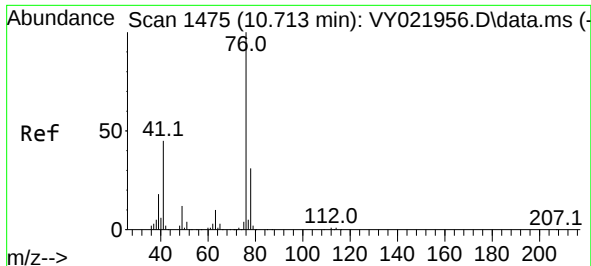
Tgt Ion:	97	Resp:	87658
Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.7	100.1
85	54.0	42.6	64.0
99	63.6	49.7	74.5



#56
Ethyl methacrylate
Concen: 85.412 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion:	69	Resp:	101448
Ion	Ratio	Lower	Upper
69	100		
41	55.2	40.7	61.1
39	30.5	23.3	34.9





#57

1,3-Dichloropropane

Concen: 86.585 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

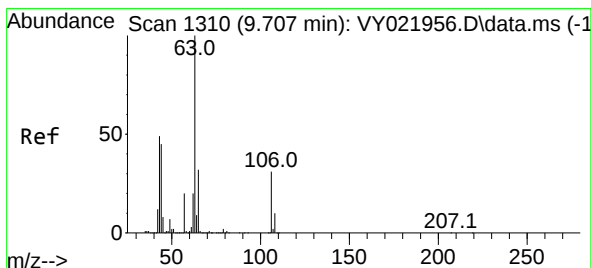
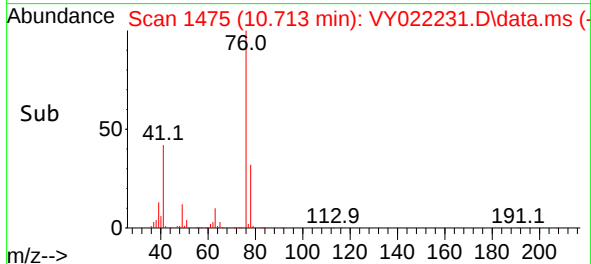
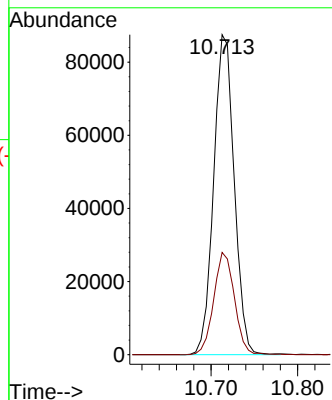
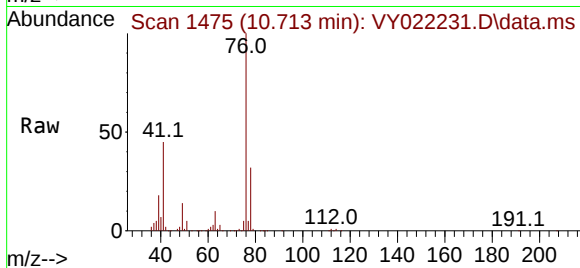
VSTDCCC050EC

Tgt Ion: 76 Resp: 144170

Ion Ratio Lower Upper

76 100

78 32.3 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 481.171 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022231.D

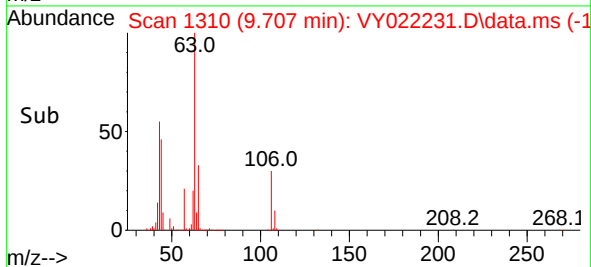
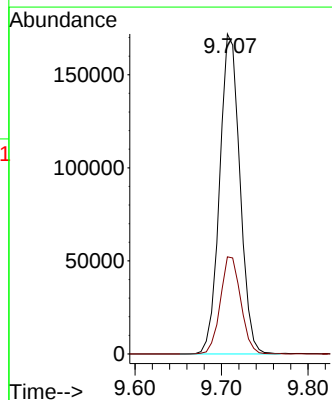
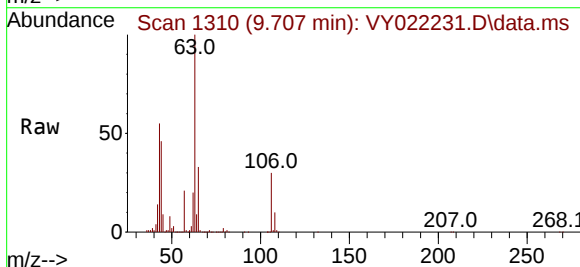
Acq: 12 May 2025 18:04

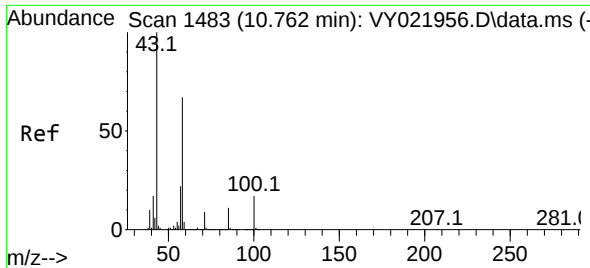
Tgt Ion: 63 Resp: 279430

Ion Ratio Lower Upper

63 100

106 30.5 25.3 37.9

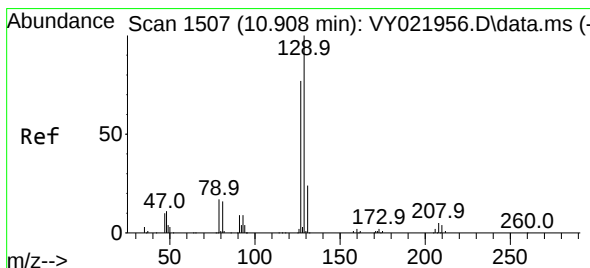
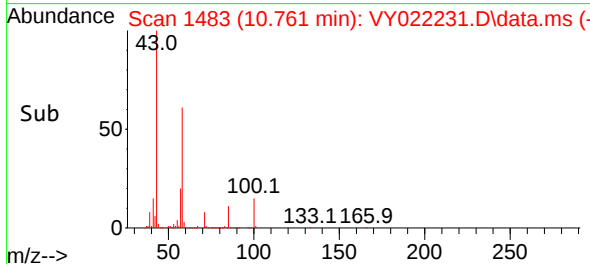
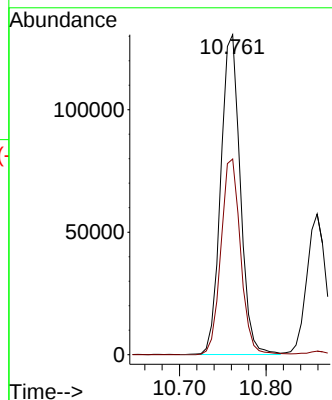
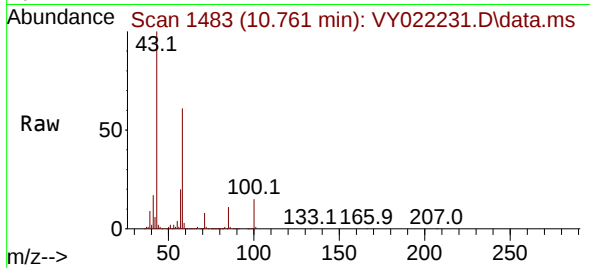




#59
2-Hexanone
Concen: 476.880 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

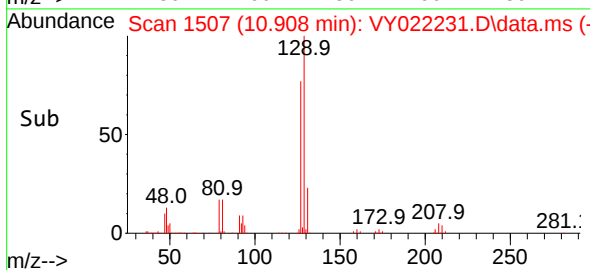
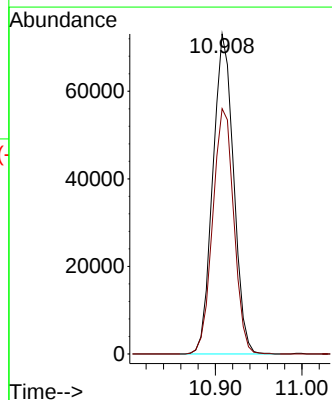
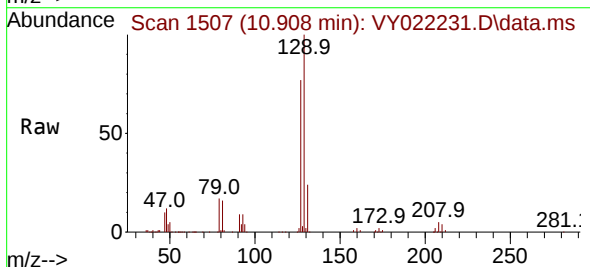
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

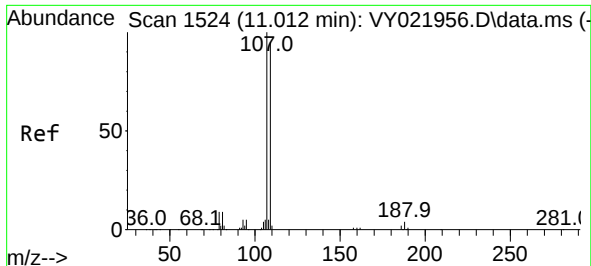
Tgt Ion: 43 Resp: 204345
Ion Ratio Lower Upper
43 100
58 61.6 32.0 96.0



#60
Dibromochloromethane
Concen: 84.609 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 129 Resp: 121667
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3

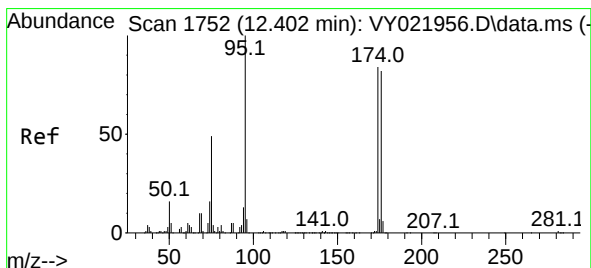
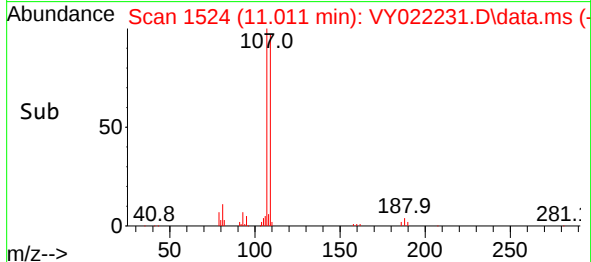
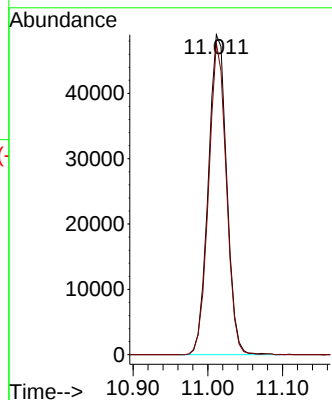
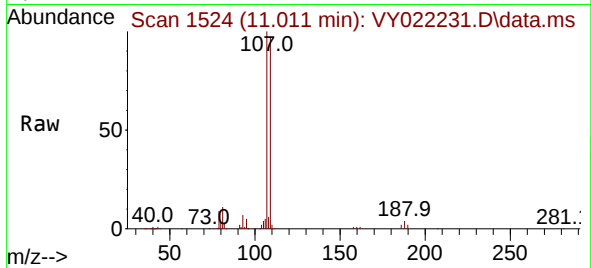




#61
1,2-Dibromoethane
Concen: 85.437 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

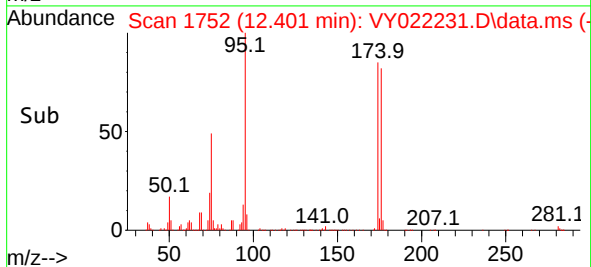
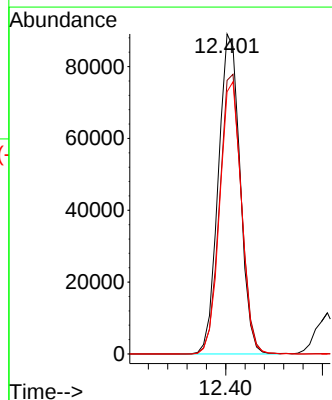
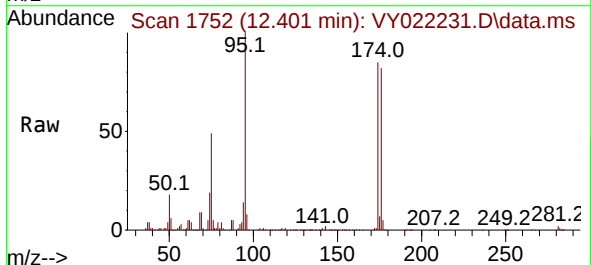
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

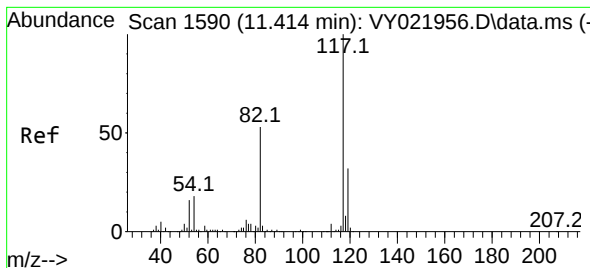
Tgt Ion:107 Resp: 83775
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 81.631 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 95 Resp: 138582
Ion Ratio Lower Upper
95 100
174 87.6 0.0 179.0
176 84.8 0.0 171.8

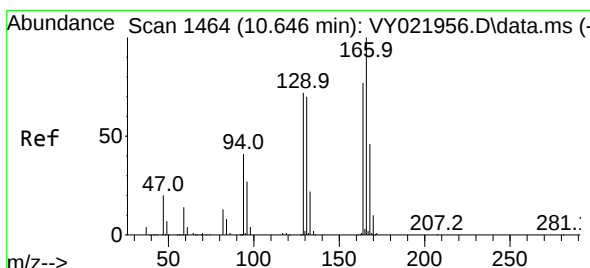
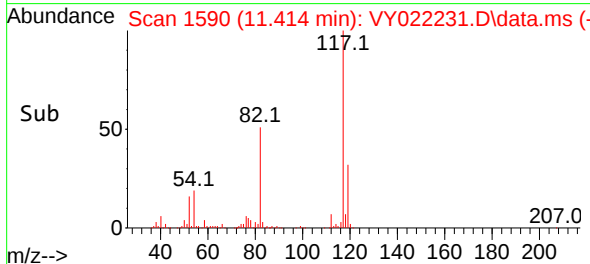
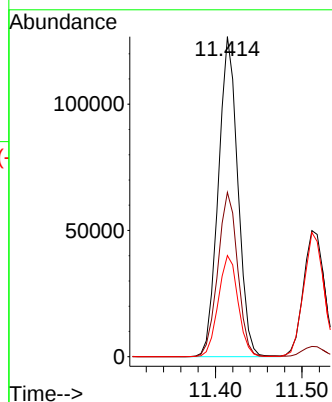
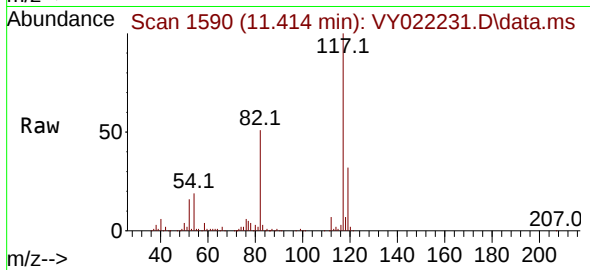




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

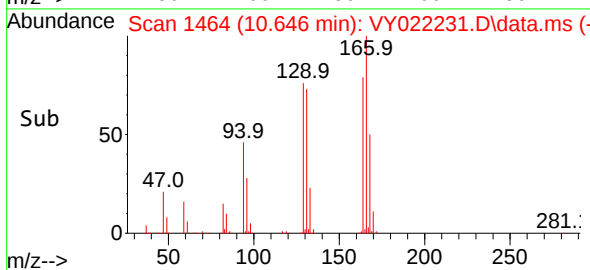
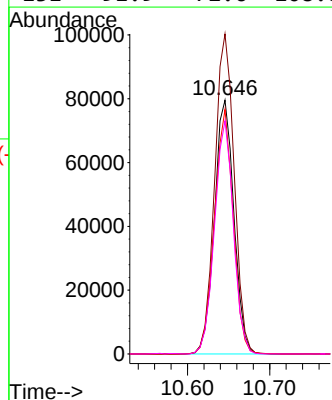
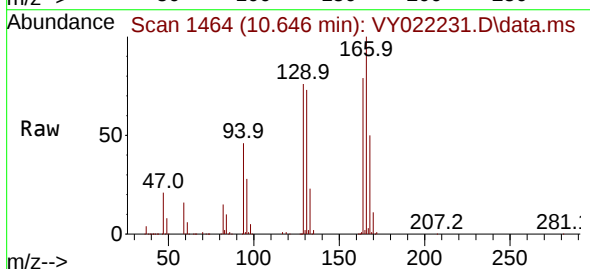
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 198143
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 70.013 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion:164 Resp: 130869
Ion Ratio Lower Upper
164 100
166 126.1 103.6 155.4
129 96.3 74.2 111.4
131 91.9 72.6 108.8

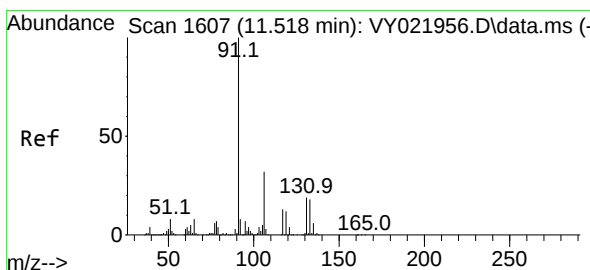
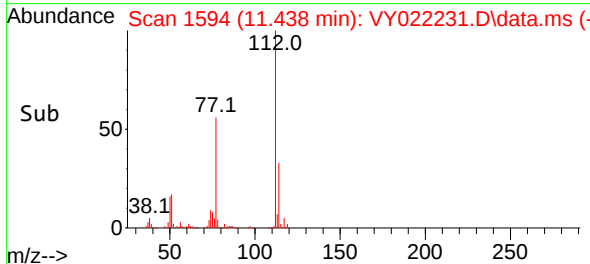
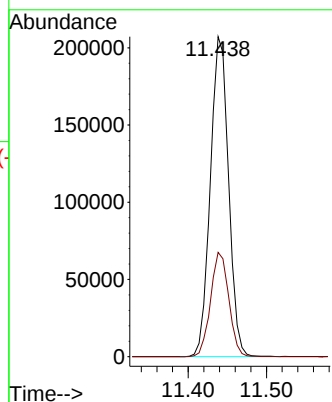
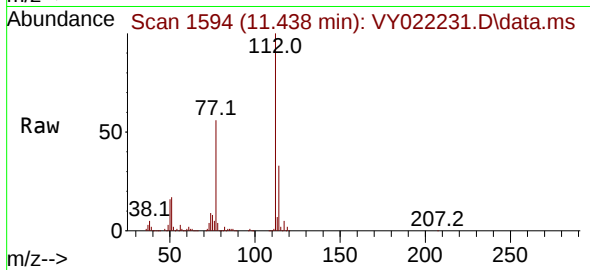




#65
Chlorobenzene
Concen: 75.439 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

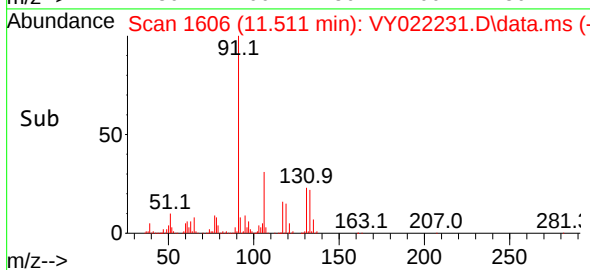
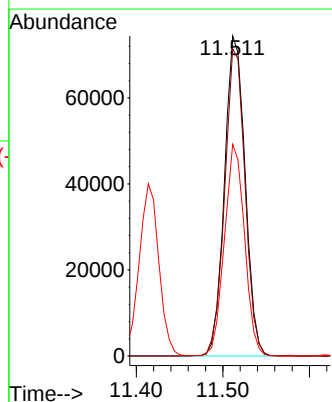
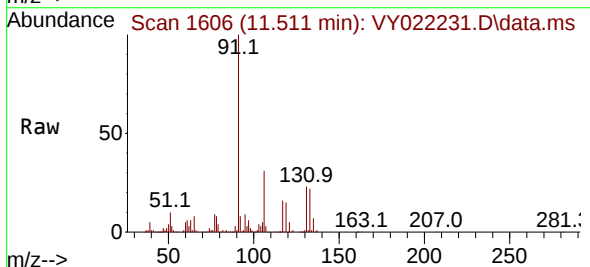
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

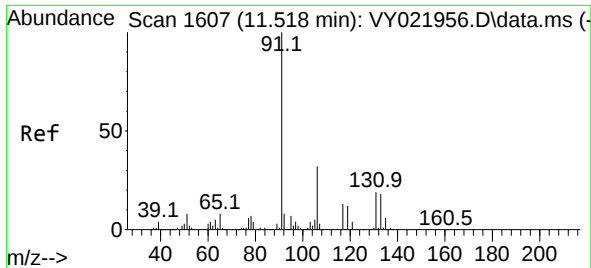
Tgt Ion:112 Resp: 334269
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 78.884 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion:131 Resp: 123055
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 64.8 32.4 97.0

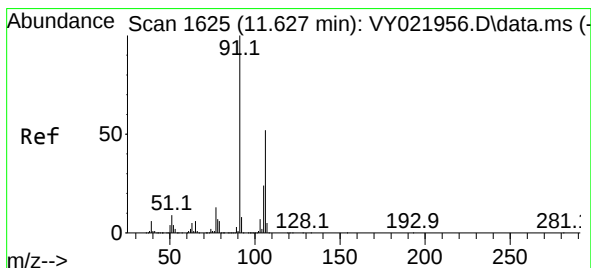
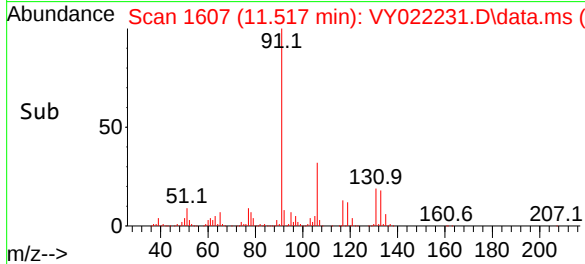
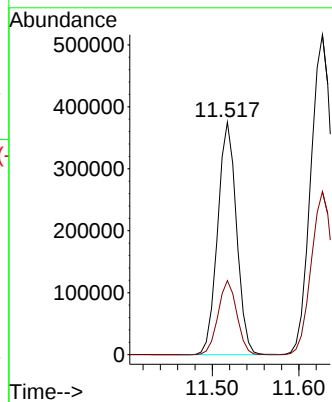
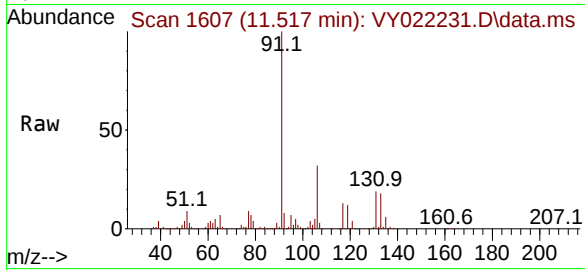




#67
Ethyl Benzene
Concen: 78.318 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

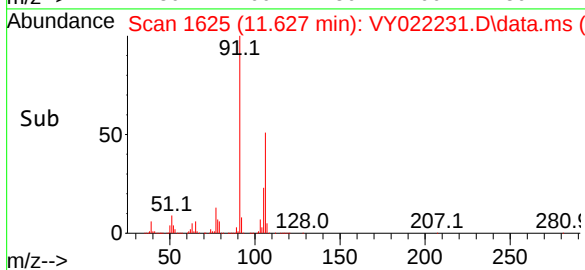
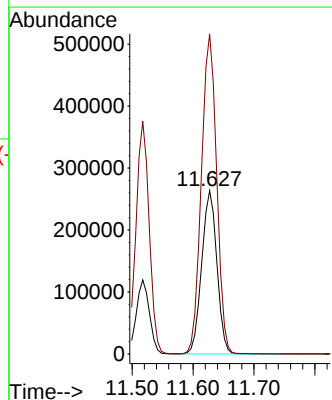
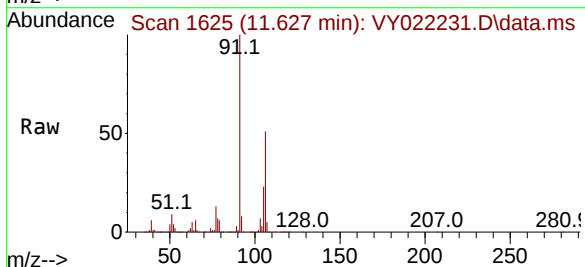
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

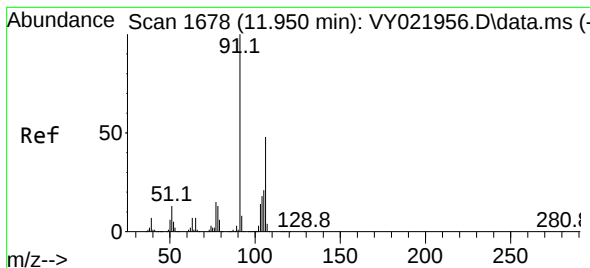
Tgt Ion: 91 Resp: 567675
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9



#68
m/p-Xylenes
Concen: 158.337 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 106 Resp: 456689
Ion Ratio Lower Upper
106 100
91 197.4 156.2 234.2

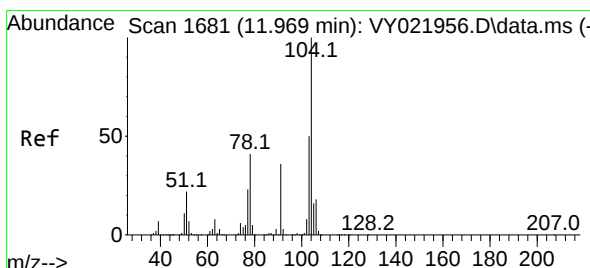
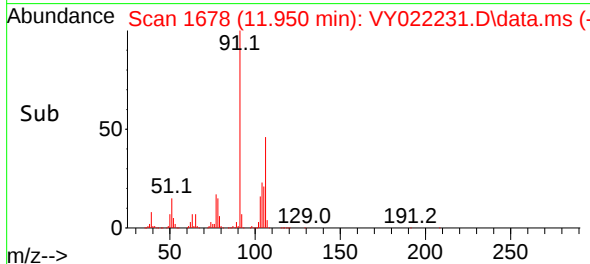
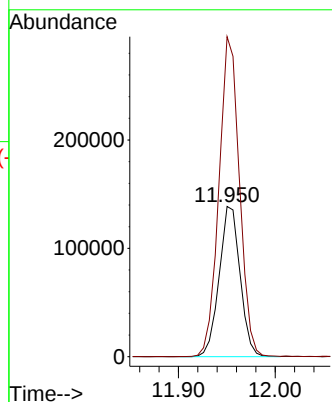
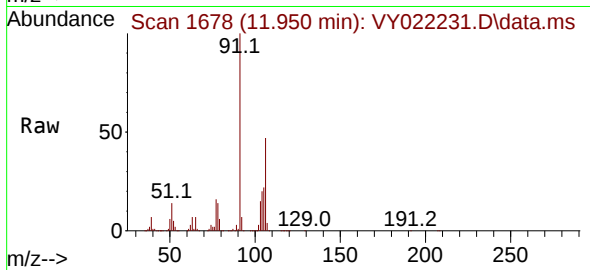




#69
o-Xylene
Concen: 78.183 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

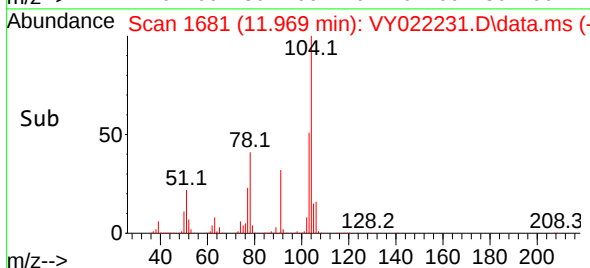
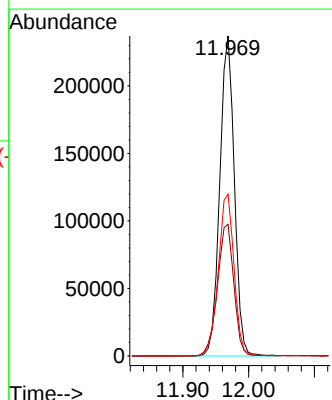
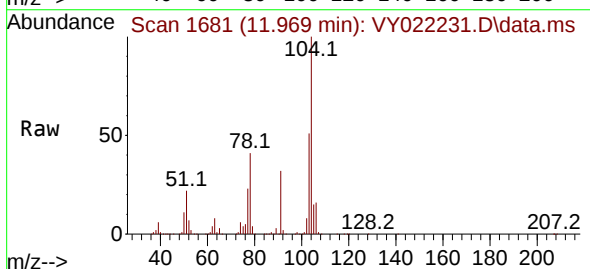
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

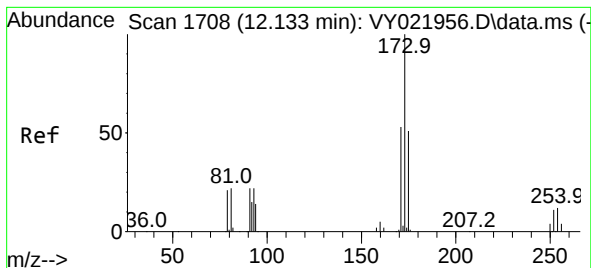
Tgt Ion:106 Resp: 207843
Ion Ratio Lower Upper
106 100
91 209.2 103.0 308.9



#70
Styrene
Concen: 81.948 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion:104 Resp: 365779
Ion Ratio Lower Upper
104 100
78 46.2 36.6 54.8
103 54.8 43.8 65.8





#71

Bromoform

Concen: 80.387 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

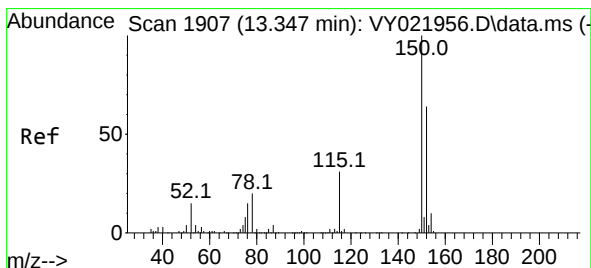
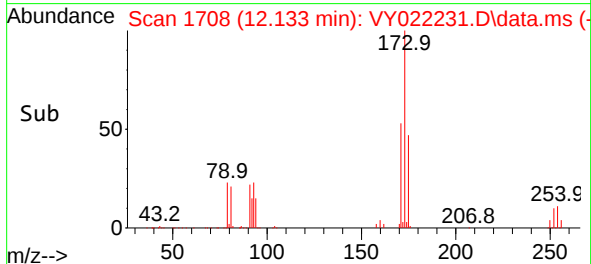
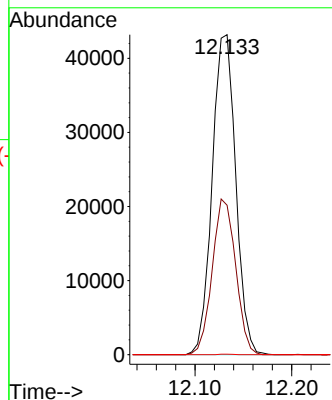
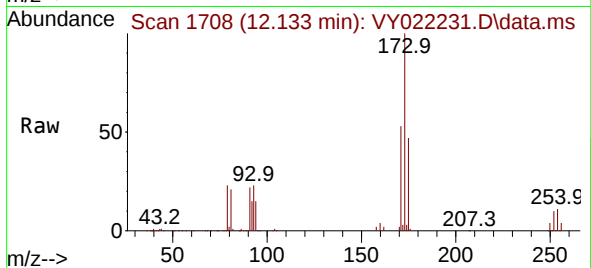
Tgt Ion:173 Resp: 72907

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

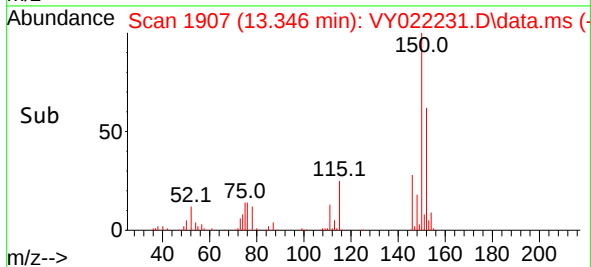
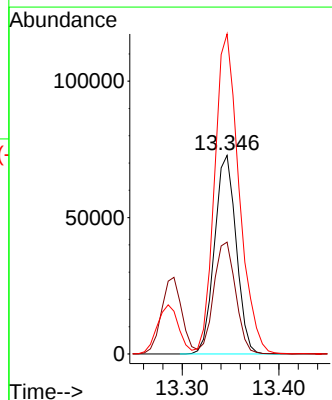
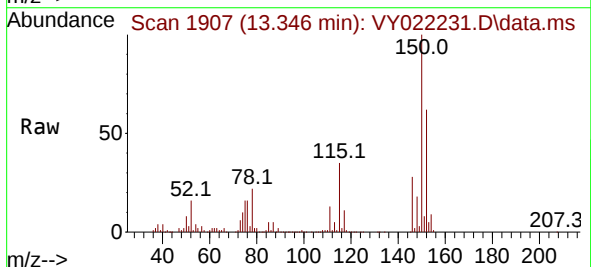
Tgt Ion:152 Resp: 113216

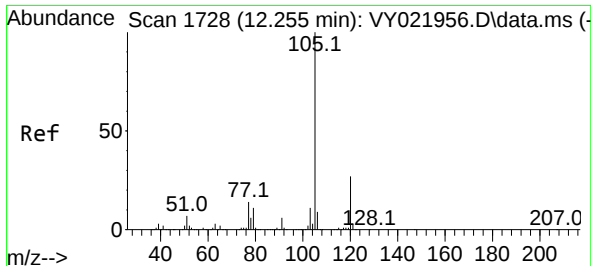
Ion Ratio Lower Upper

152 100

115 56.5 28.0 84.0

150 181.8 0.0 345.6

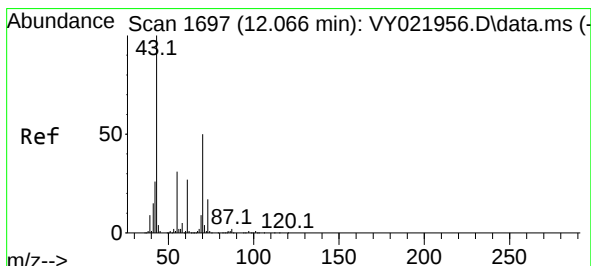
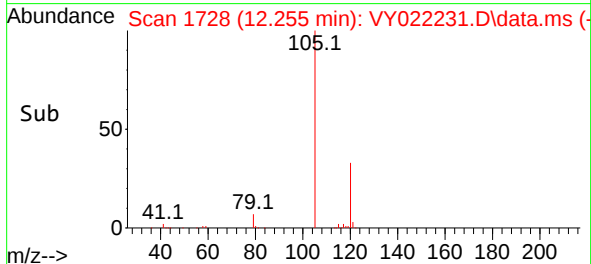
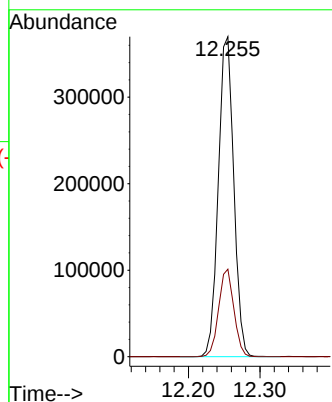
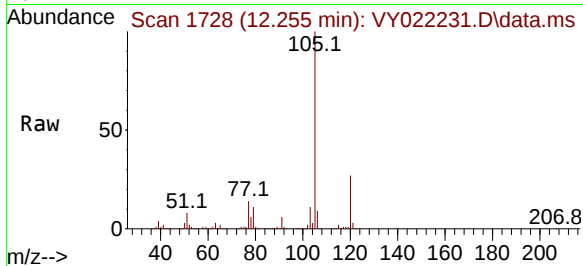




#73
Isopropylbenzene
Concen: 73.281 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

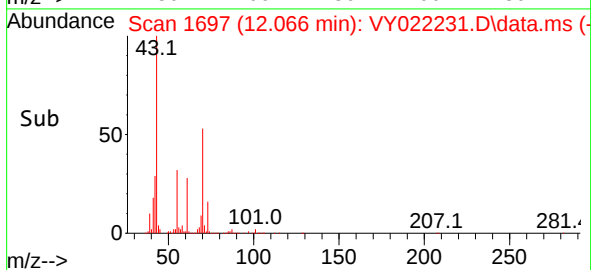
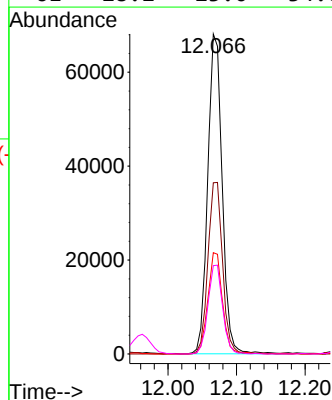
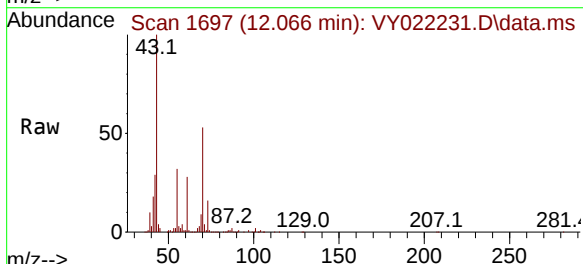
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

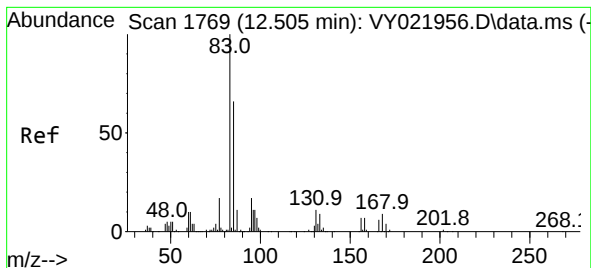
Tgt Ion:105 Resp: 554297
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.5



#74
N-ethyl acetate
Concen: 76.864 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 43 Resp: 99890
Ion Ratio Lower Upper
43 100
70 54.3 43.2 64.8
55 32.1 25.7 38.5
61 28.2 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 78.905 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

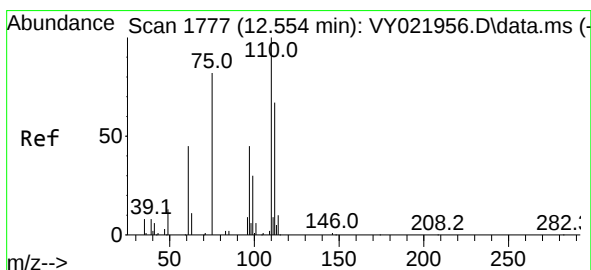
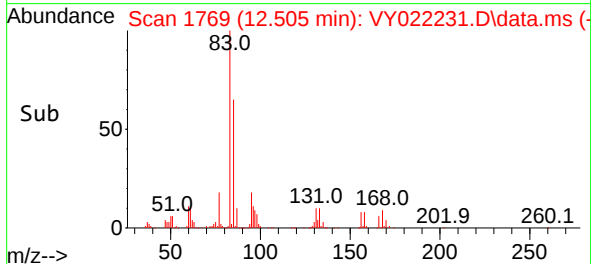
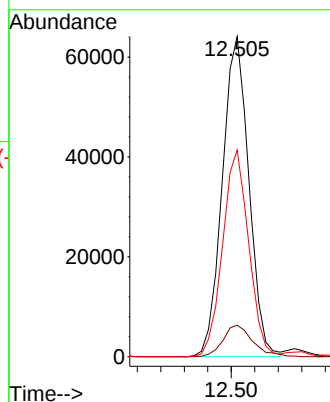
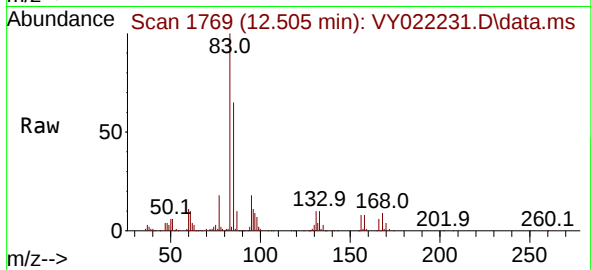
Tgt Ion: 83 Resp: 100625

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

85 63.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 130.306 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022231.D

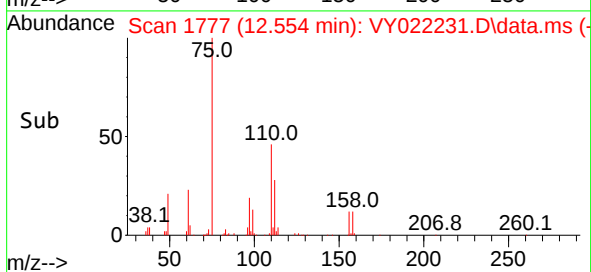
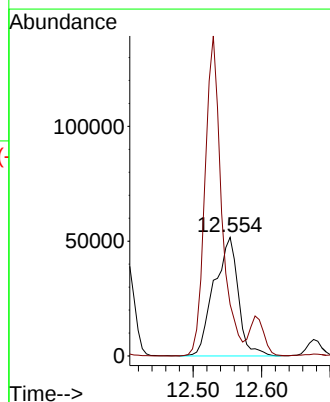
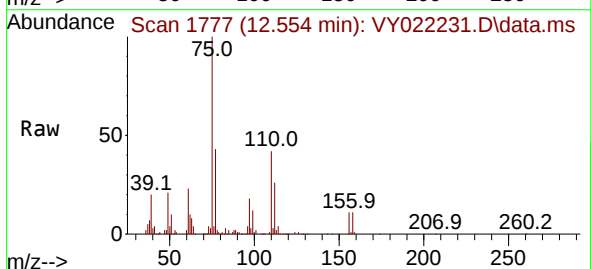
Acq: 12 May 2025 18:04

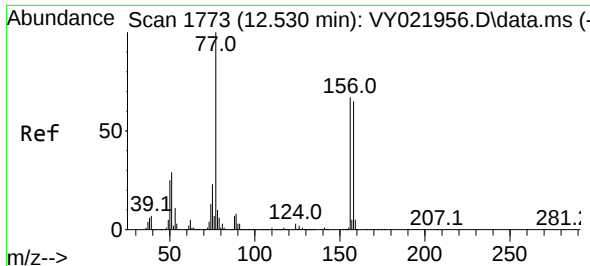
Tgt Ion: 75 Resp: 126364

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

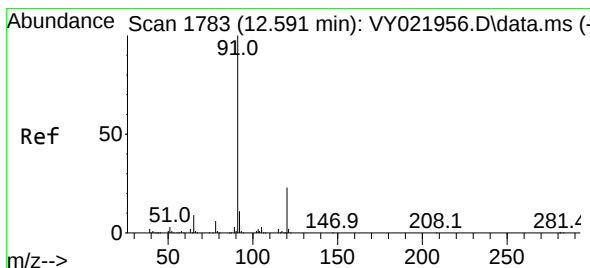
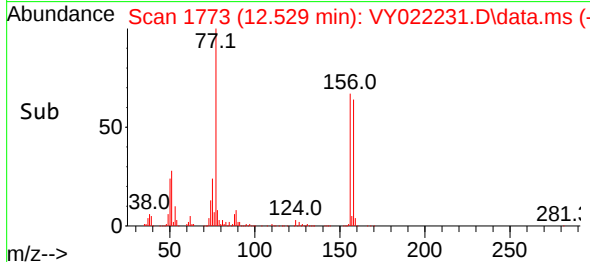
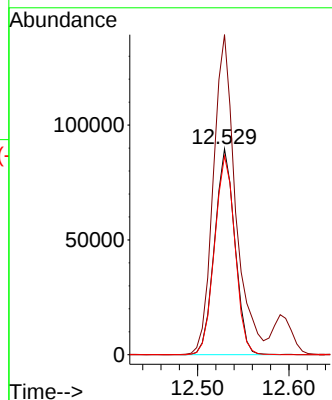
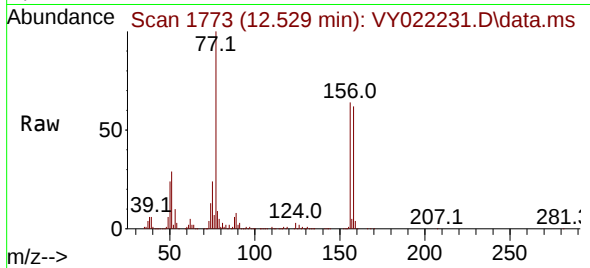




#77
Bromobenzene
Concen: 72.272 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

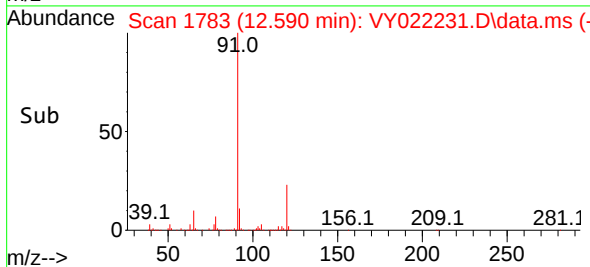
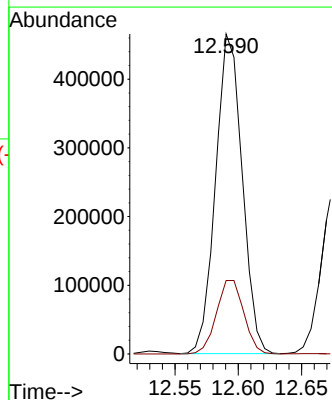
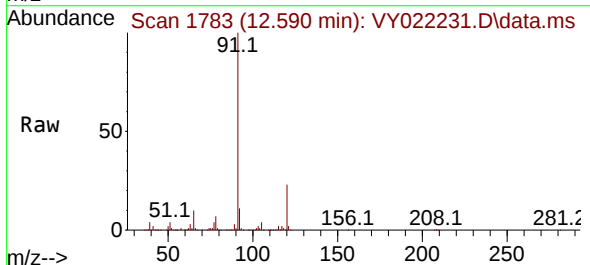
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

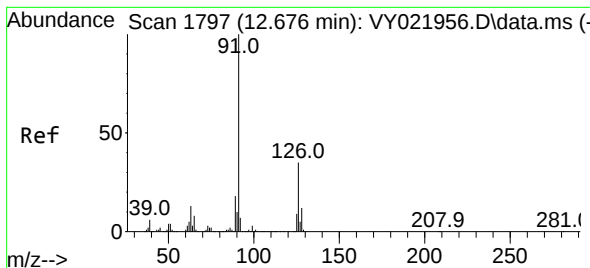
Tgt Ion:156 Resp: 138135
Ion Ratio Lower Upper
156 100
77 171.1 82.7 248.1
158 97.3 48.1 144.4



#78
n-propylbenzene
Concen: 75.388 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 91 Resp: 679090
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





#79

2-Chlorotoluene

Concen: 74.741 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

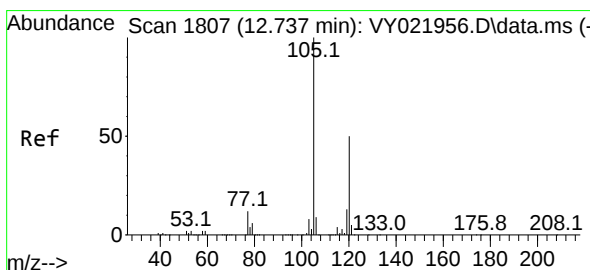
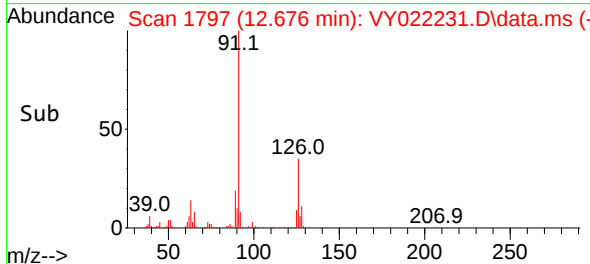
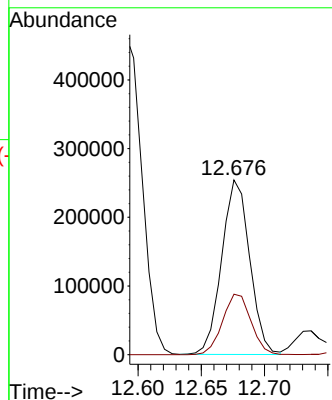
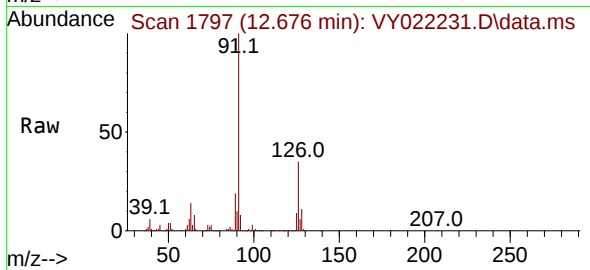
VSTDCCC050EC

Tgt Ion: 91 Resp: 391541

Ion Ratio Lower Upper

91 100

126 35.3 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 75.545 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022231.D

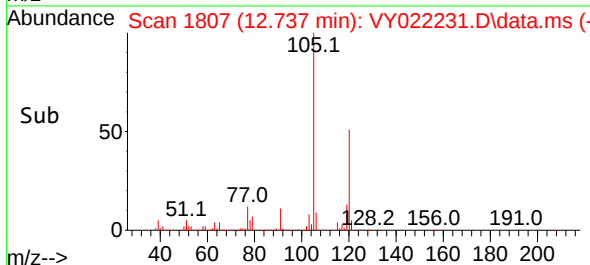
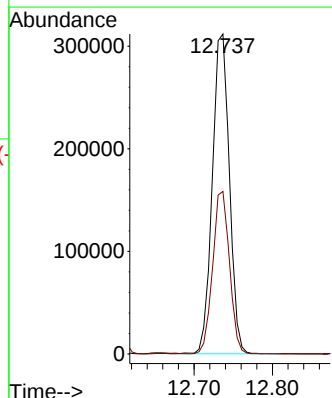
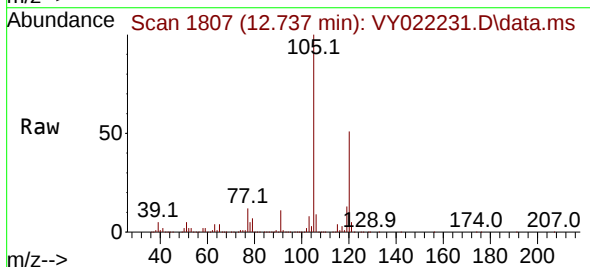
Acq: 12 May 2025 18:04

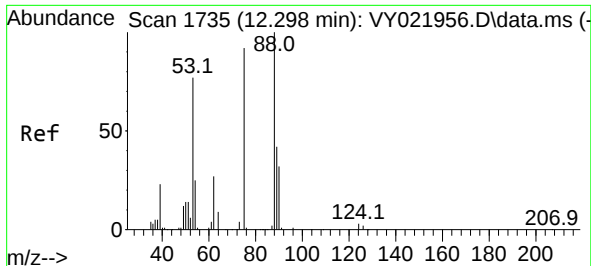
Tgt Ion: 105 Resp: 470826

Ion Ratio Lower Upper

105 100

120 50.4 25.0 75.0

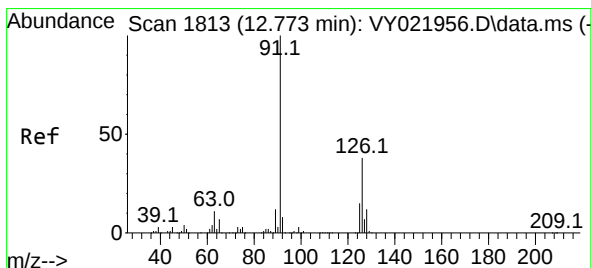
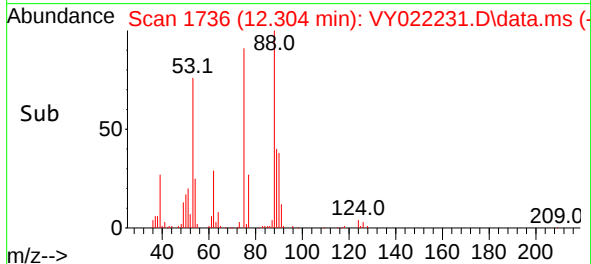
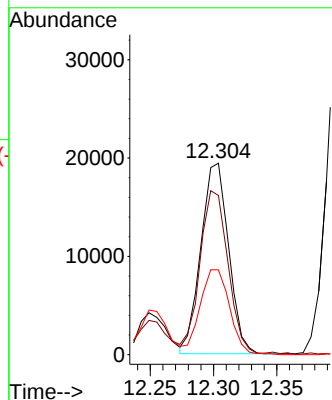
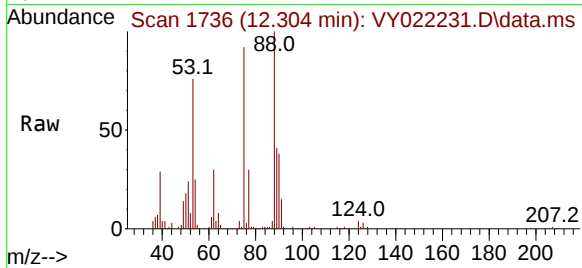




#81
trans-1,4-Dichloro-2-butene
Concen: 73.500 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

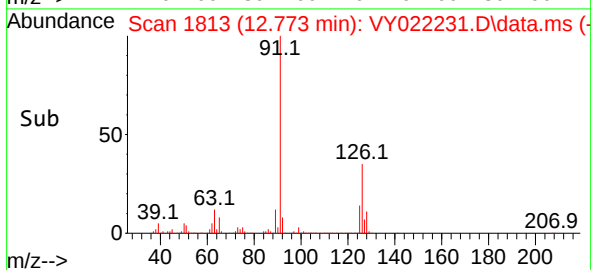
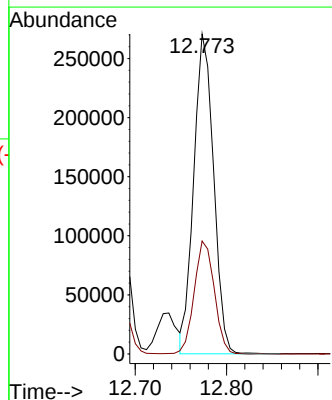
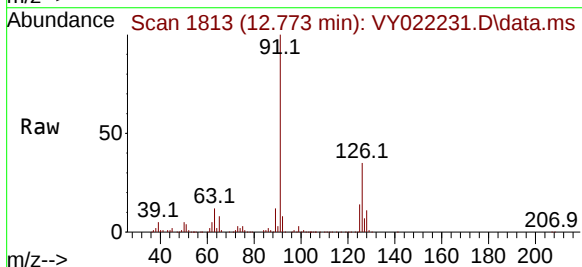
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

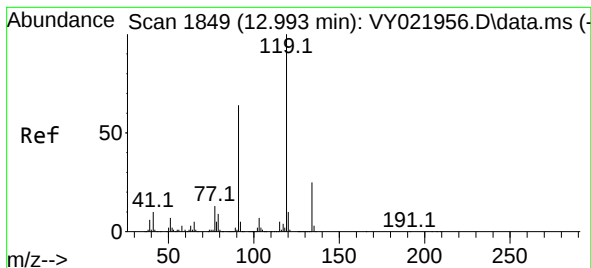
Tgt Ion: 75 Resp: 29598
Ion Ratio Lower Upper
75 100
53 86.2 66.0 99.0
89 47.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 75.001 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion: 91 Resp: 408436
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.8





#83

tert-Butylbenzene

Concen: 75.784 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

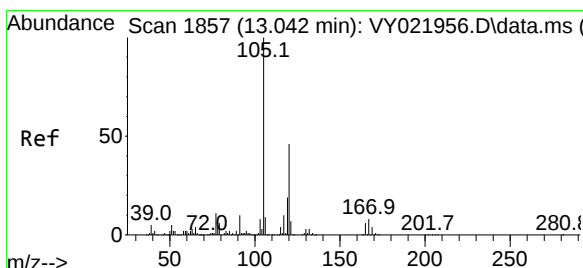
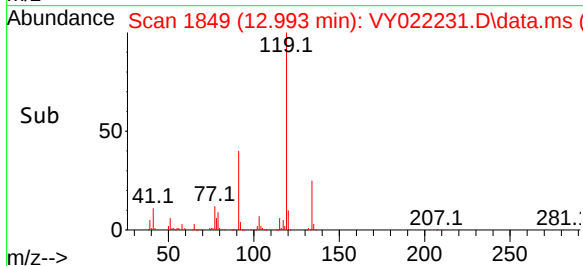
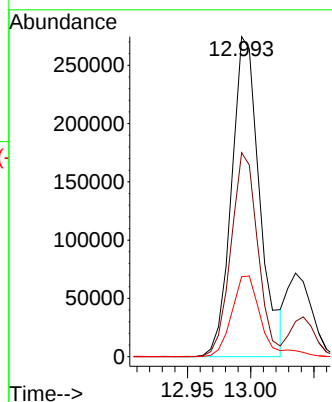
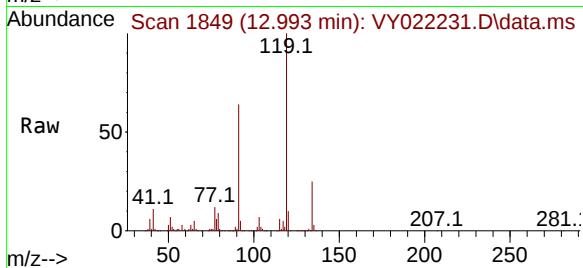
Tgt Ion:119 Resp: 423591

Ion Ratio Lower Upper

119 100

91 61.0 30.3 90.9

134 26.5 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 77.257 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022231.D

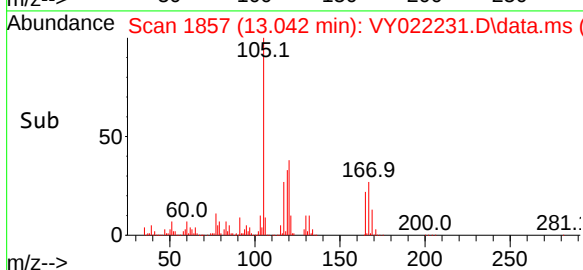
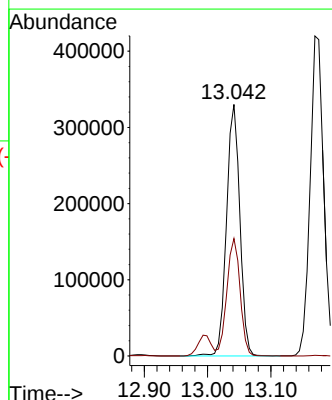
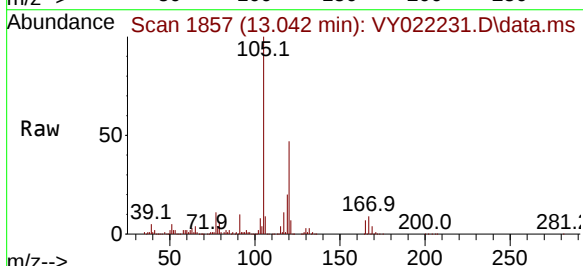
Acq: 12 May 2025 18:04

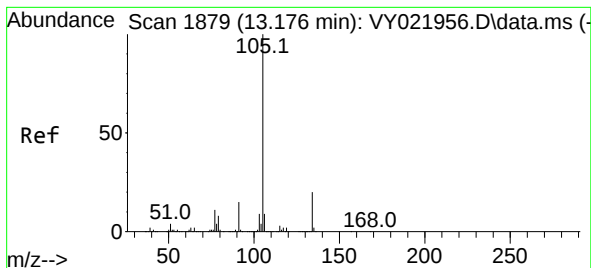
Tgt Ion:105 Resp: 481603

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.0





#85

sec-Butylbenzene

Concen: 75.790 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

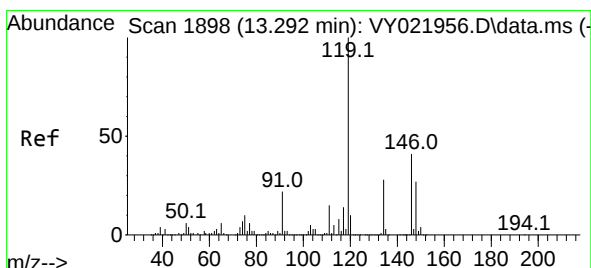
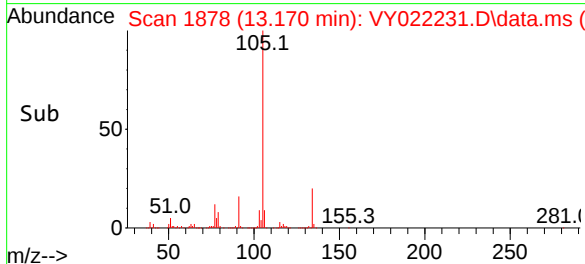
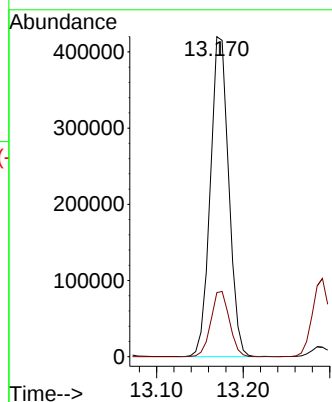
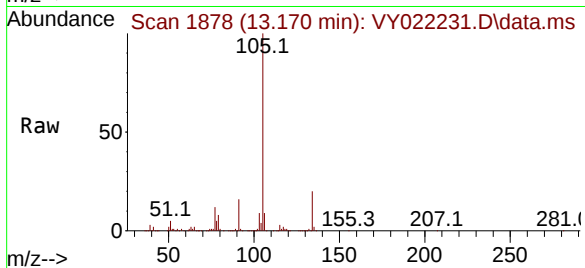
VSTDCCC050EC

Tgt Ion:105 Resp: 619894

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 75.652 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

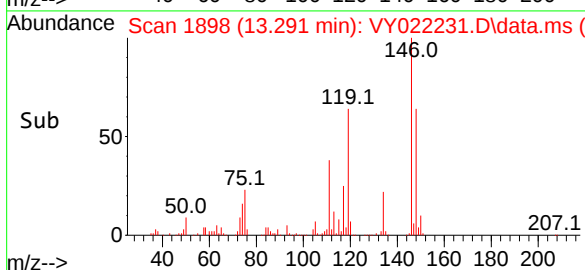
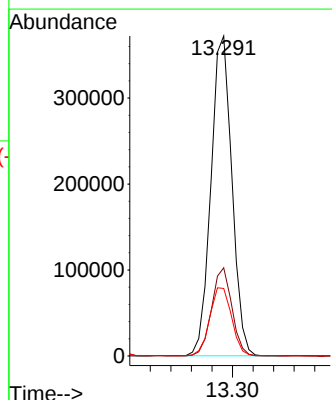
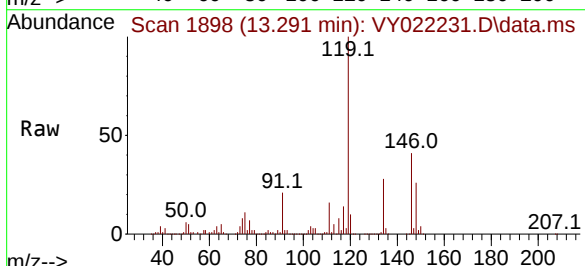
Tgt Ion:119 Resp: 525429

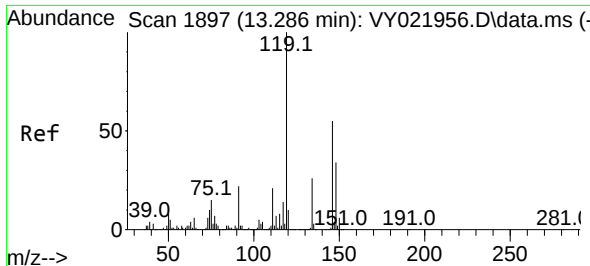
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.2 11.0 33.0

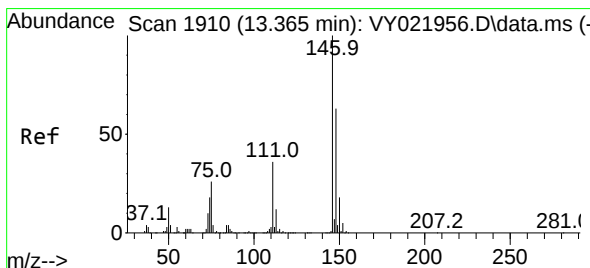
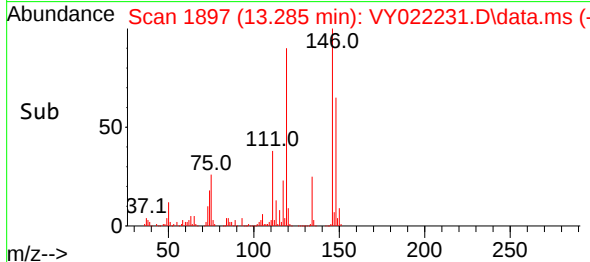
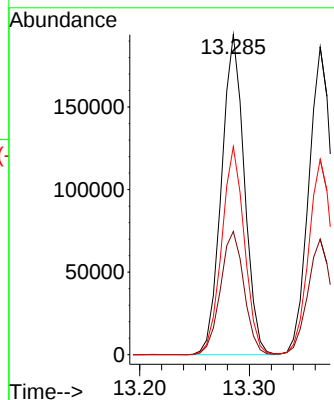
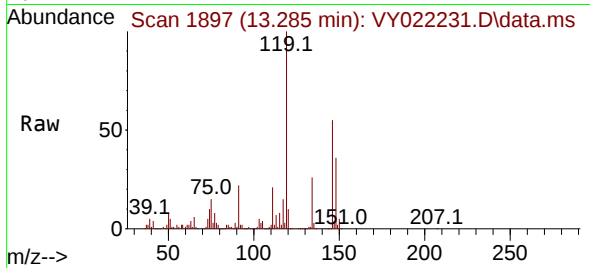




#87
1,3-Dichlorobenzene
Concen: 72.459 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

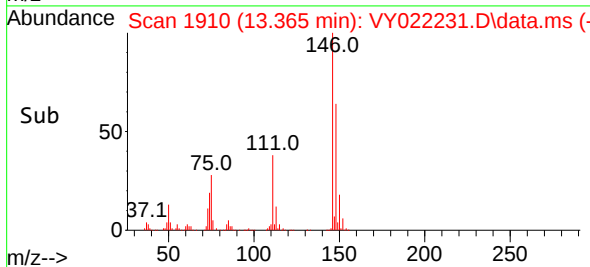
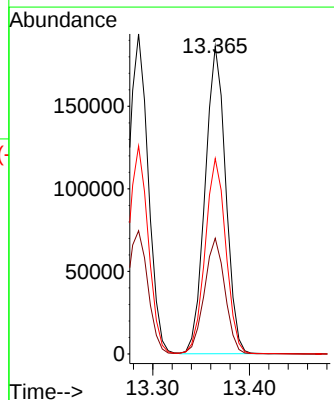
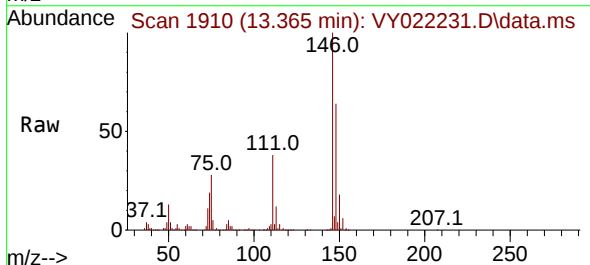
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

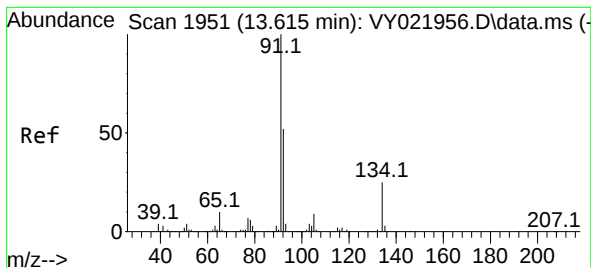
Tgt Ion:146 Resp: 281281
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.5
148 64.4 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 71.683 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY022231.D
Acq: 12 May 2025 18:04

Tgt Ion:146 Resp: 275599
Ion Ratio Lower Upper
146 100
111 37.8 19.2 57.6
148 64.2 32.0 96.0





#89

n-Butylbenzene

Concen: 75.561 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

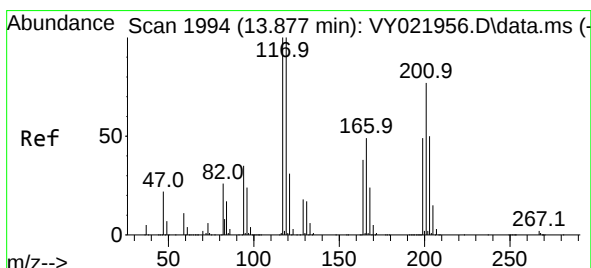
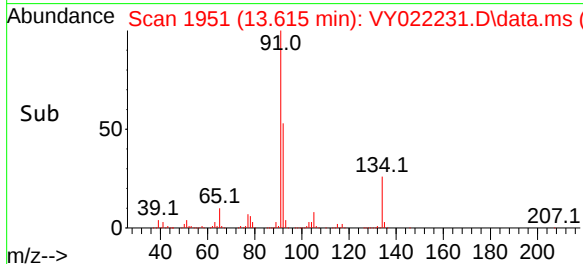
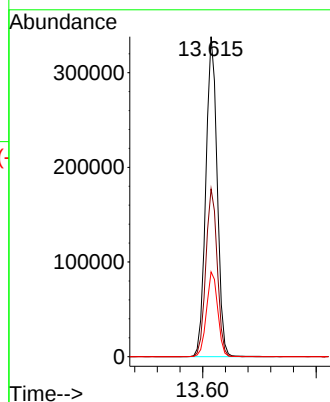
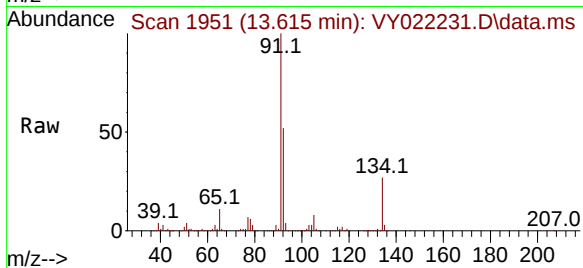
Tgt Ion: 91 Resp: 469077

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 26.3 13.4 40.1



#90

Hexachloroethane

Concen: 75.334 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022231.D

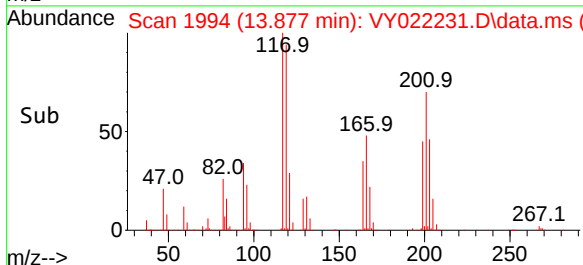
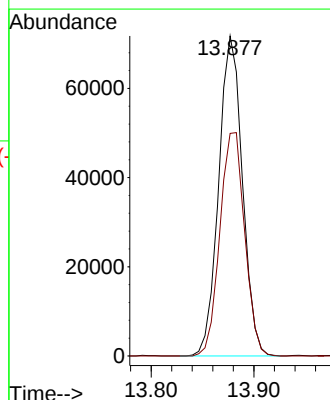
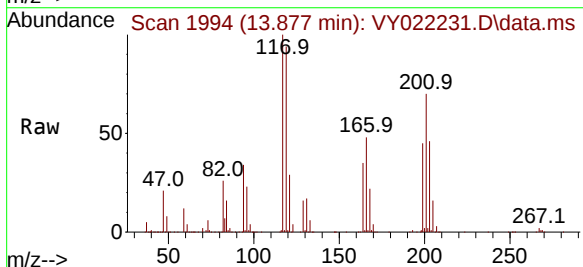
Acq: 12 May 2025 18:04

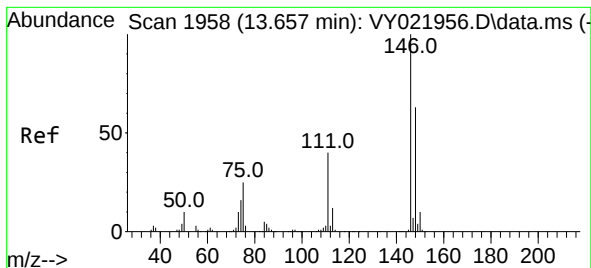
Tgt Ion: 117 Resp: 114956

Ion Ratio Lower Upper

117 100

201 73.0 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 74.599 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

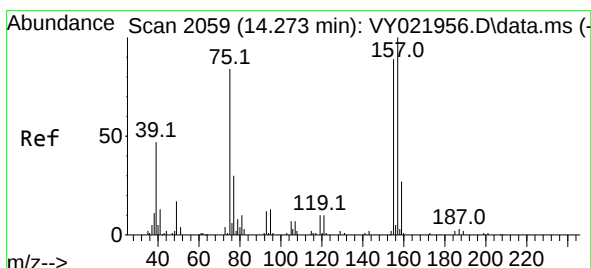
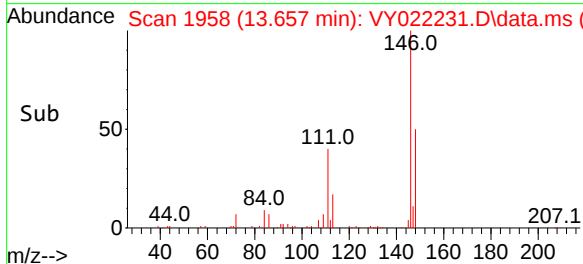
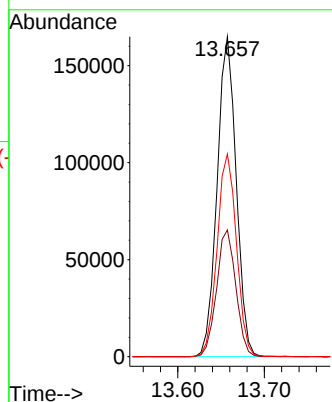
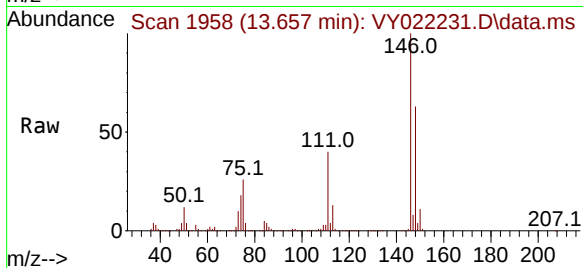
Tgt Ion:146 Resp: 252581

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 64.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 77.539 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

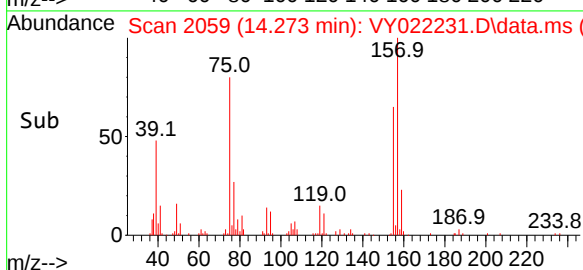
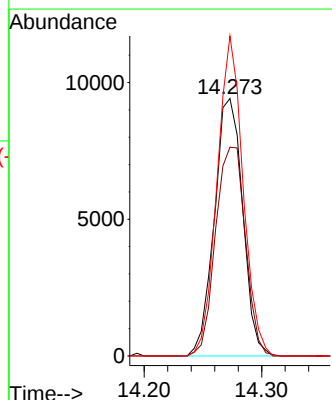
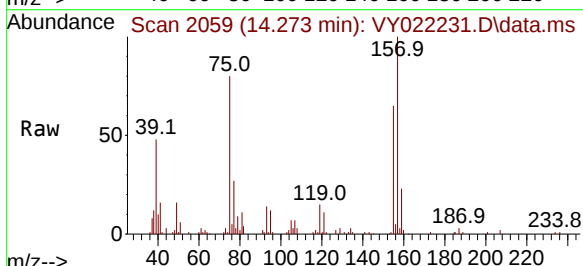
Tgt Ion: 75 Resp: 15732

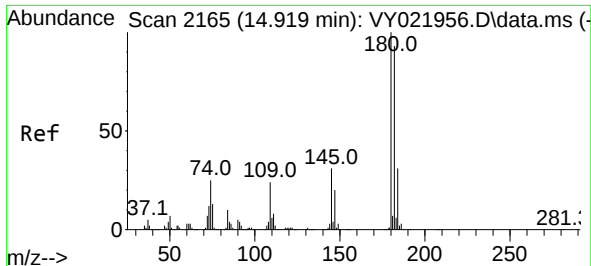
Ion Ratio Lower Upper

75 100

155 85.3 50.7 152.3

157 114.0 62.6 187.8

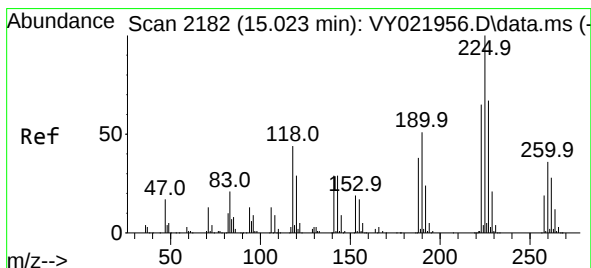
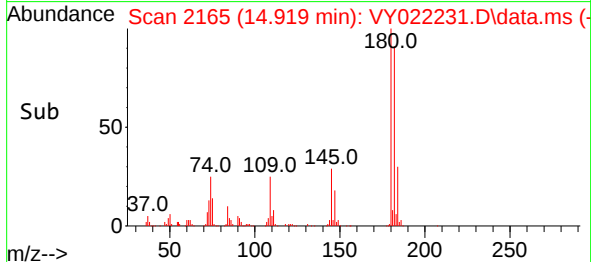
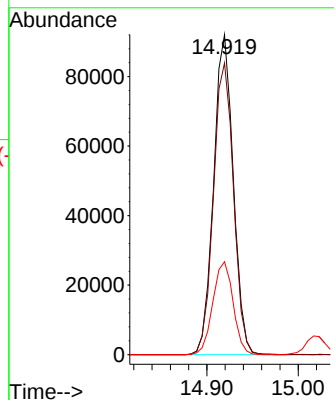
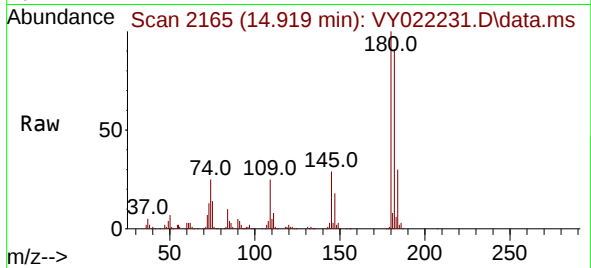




#93
 1,2,4-Trichlorobenzene
 Concen: 71.490 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022231.D
 Acq: 12 May 2025 18:04

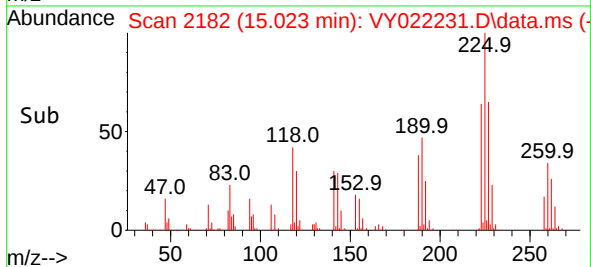
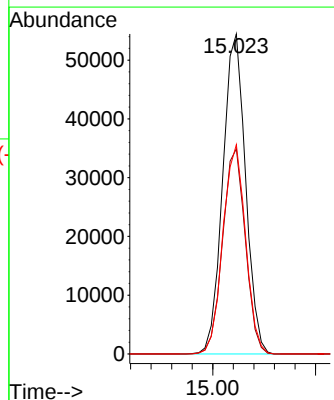
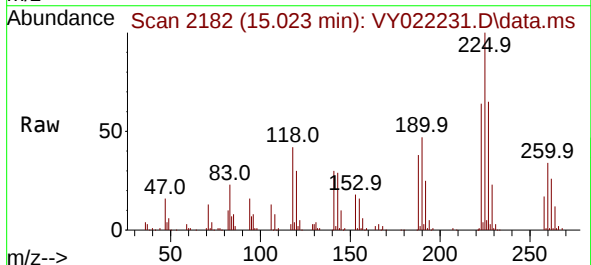
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

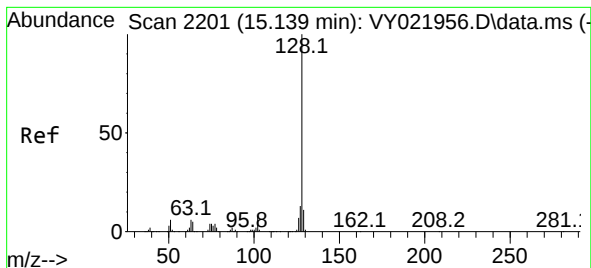
Tgt Ion:180 Resp: 137164
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.1 141.4
 145 30.1 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 70.961 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022231.D
 Acq: 12 May 2025 18:04

Tgt Ion:225 Resp: 83768
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.9 95.5
 227 65.0 32.3 96.9





#95

Naphthalene

Concen: 73.597 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

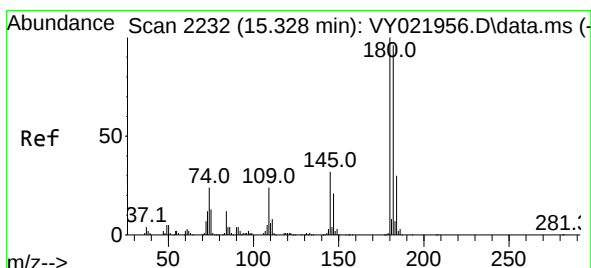
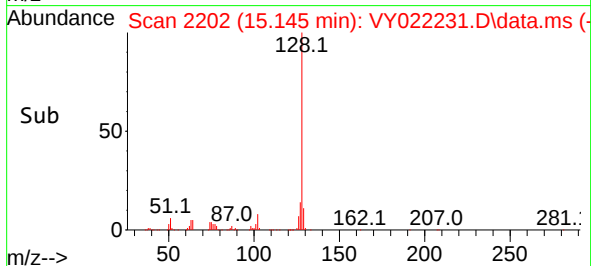
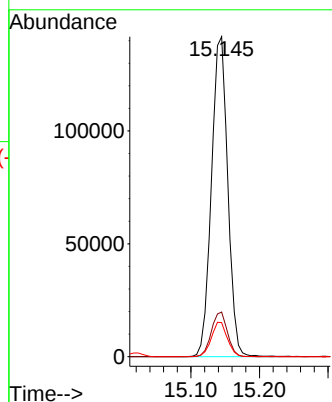
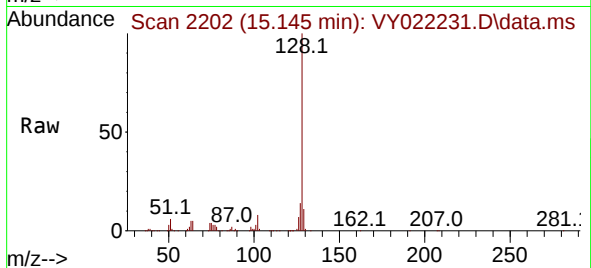
Tgt Ion:128 Resp: 234571

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 72.809 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022231.D

Acq: 12 May 2025 18:04

Tgt Ion:180 Resp: 120586

Ion Ratio Lower Upper

180 100

182 94.2 48.1 144.4

145 31.7 16.0 48.0

