

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
 Data File : VY018661.D
 Acq On : 21 Jun 2024 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 22:56:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.776	168	144697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	233498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	207257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76793	52.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.420%	
35) Dibromofluoromethane	7.709	113	83173	58.392	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.780%	
50) Toluene-d8	10.172	98	317889	58.034	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.060%	
62) 4-Bromofluorobenzene	12.477	95	103692	59.948	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	44447	46.638	ug/l	98
3) Chloromethane	2.101	50	80737	41.134	ug/l	97
4) Vinyl Chloride	2.241	62	105761	43.510	ug/l	99
5) Bromomethane	2.637	94	71989	39.845	ug/l	97
6) Chloroethane	2.777	64	68625	43.097	ug/l	97
7) Trichlorofluoromethane	3.107	101	124328	47.498	ug/l	96
8) Diethyl Ether	3.515	74	34663	46.444	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	68897	50.376	ug/l	99
10) Methyl Iodide	4.070	142	75987	46.008	ug/l	97
11) Tert butyl alcohol	4.942	59	22865	87.258	ug/l #	82
12) 1,1-Dichloroethene	3.850	96	65028	47.313	ug/l	95
13) Acrolein	3.710	56	20619	244.752	ug/l	98
14) Allyl chloride	4.460	41	81318	43.887	ug/l	98
15) Acrylonitrile	5.137	53	73554	221.537	ug/l	98
16) Acetone	3.930	43	69923	235.917	ug/l	94
17) Carbon Disulfide	4.173	76	173703	42.042	ug/l	99
18) Methyl Acetate	4.460	43	32971	43.857	ug/l	98
19) Methyl tert-butyl Ether	5.198	73	161857	44.148	ug/l	92
20) Methylene Chloride	4.692	84	77518	40.787	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	71672	45.809	ug/l	98
22) Diisopropyl ether	6.106	45	190008	45.424	ug/l	96
23) Vinyl Acetate	6.039	43	750662	194.099	ug/l	100
24) 1,1-Dichloroethane	5.996	63	118955	44.141	ug/l	100
25) 2-Butanone	6.972	43	98211	221.060	ug/l	96
26) 2,2-Dichloropropane	6.966	77	99867	43.985	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	86784	45.922	ug/l	98
28) Bromochloromethane	7.319	49	48335	43.760	ug/l	99
29) Tetrahydrofuran	7.338	42	59008	216.431	ug/l	96
30) Chloroform	7.490	83	131295	44.705	ug/l	97
31) Cyclohexane	7.770	56	98855	44.299	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	116486	46.687	ug/l	99
36) 1,1-Dichloropropene	7.904	75	92999	47.434	ug/l	99
37) Ethyl Acetate	7.063	43	41066	44.433	ug/l	97
38) Carbon Tetrachloride	7.892	117	104439	50.774	ug/l	98
39) Methylcyclohexane	9.173	83	125318	52.166	ug/l	98
40) Benzene	8.148	78	285633	47.107	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	21336m	45.899	ug/l	
42) 1,2-Dichloroethane	8.221	62	73334	46.358	ug/l	98
43) Isopropyl Acetate	8.264	43	77152	44.725	ug/l	99
44) Trichloroethene	8.929	130	78073	49.180	ug/l	99
45) 1,2-Dichloropropane	9.209	63	64544	46.552	ug/l	100
46) Dibromomethane	9.301	93	40345	46.897	ug/l	98
47) Bromodichloromethane	9.490	83	100483	48.938	ug/l	98
48) Methyl methacrylate	9.288	41	36313	46.759	ug/l	95
49) 1,4-Dioxane	9.288	88	10484	926.611	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	212042	233.359	ug/l	98
52) Toluene	10.239	92	187127	48.068	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	89457	49.855	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	104791	48.394	ug/l	97
55) 1,1,2-Trichloroethane	10.636	97	54684	47.790	ug/l	94
56) Ethyl methacrylate	10.502	69	73390	49.014	ug/l	96
57) 1,3-Dichloropropane	10.782	76	91063	47.908	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	185823	257.071	ug/l	96
59) 2-Hexanone	10.825	43	152365	239.387	ug/l	98
60) Dibromochloromethane	10.977	129	72011	50.661	ug/l	98
61) 1,2-Dibromoethane	11.087	107	52205	49.367	ug/l	100
64) Tetrachloroethene	10.715	164	76705	51.889	ug/l	97
65) Chlorobenzene	11.514	112	212340	49.595	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	71913	50.121	ug/l	98
67) Ethyl Benzene	11.587	91	367362	49.450	ug/l	97
68) m/p-Xylenes	11.696	106	291220	100.743	ug/l	99
69) o-Xylene	12.026	106	139238	50.089	ug/l	97
70) Styrene	12.038	104	234901	51.151	ug/l	99
71) Bromoform	12.202	173	40805	51.830	ug/l #	98
73) Isopropylbenzene	12.324	105	362175	46.943	ug/l	99
74) N-amyl acetate	12.142	43	73024	46.221	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.574	83	61064	44.575	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	47279m	47.704	ug/l	
77) Bromobenzene	12.605	156	85802	48.089	ug/l	94
78) n-propylbenzene	12.666	91	431750	47.817	ug/l	98
79) 2-Chlorotoluene	12.751	91	235042	46.115	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	291903	47.738	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	18958	50.105	ug/l	94
82) 4-Chlorotoluene	12.849	91	241753	47.102	ug/l	95
83) tert-Butylbenzene	13.068	119	280117	49.497	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	291184	47.645	ug/l	98
85) sec-Butylbenzene	13.251	105	399106	49.447	ug/l	98
86) p-Isopropyltoluene	13.367	119	340294	49.730	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	174827	48.579	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	171854	48.663	ug/l	99
89) n-Butylbenzene	13.690	91	307757	49.898	ug/l	99
90) Hexachloroethane	13.958	117	64816	52.142	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	149969	48.782	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9107	45.910	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	90917	53.082	ug/l	98
94) Hexachlorobutadiene	15.111	225	49842	56.637	ug/l	99
95) Naphthalene	15.232	128	169521	52.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	77794	53.757	ug/l	99

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Response via : Initial Calibration

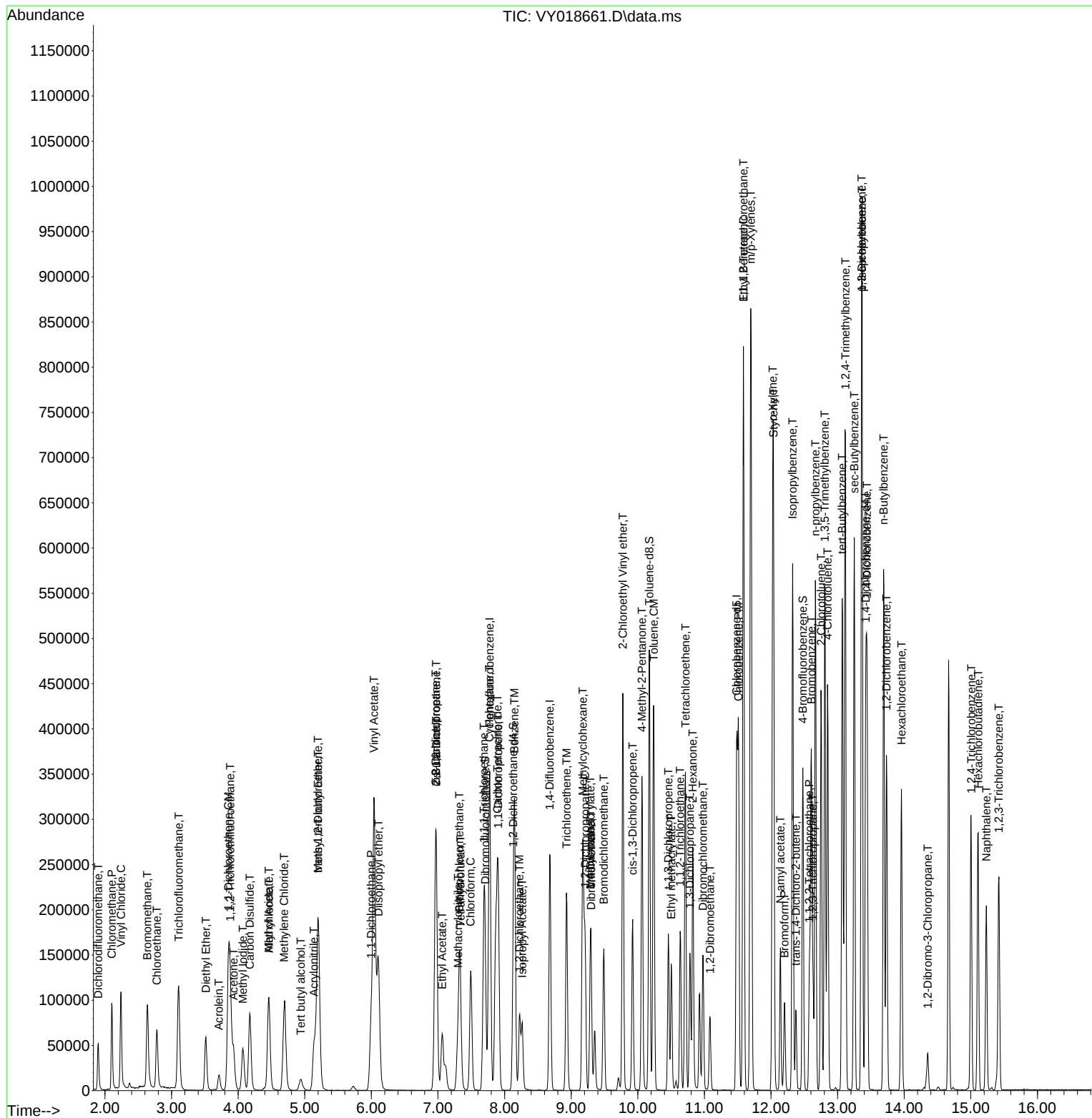
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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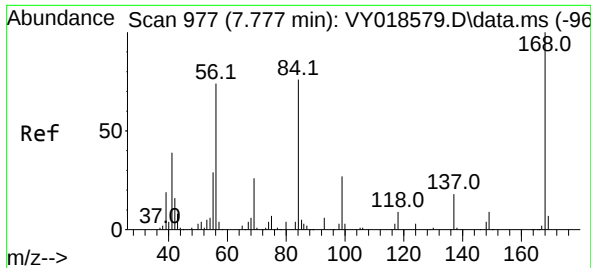
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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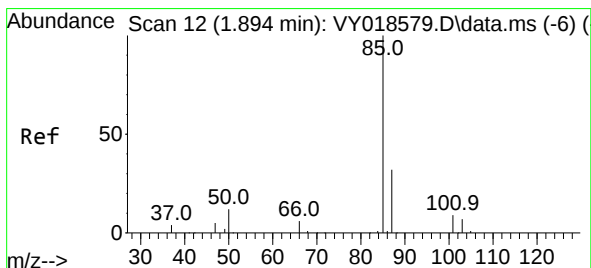
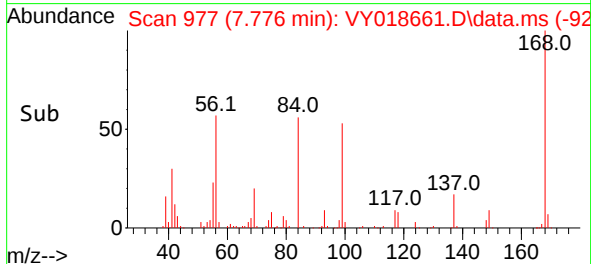
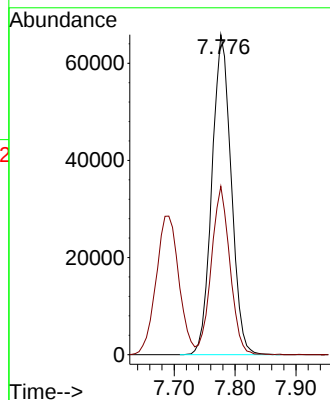
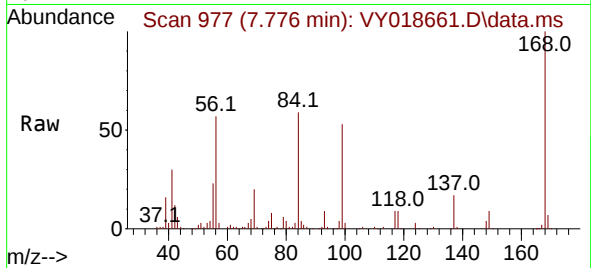




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
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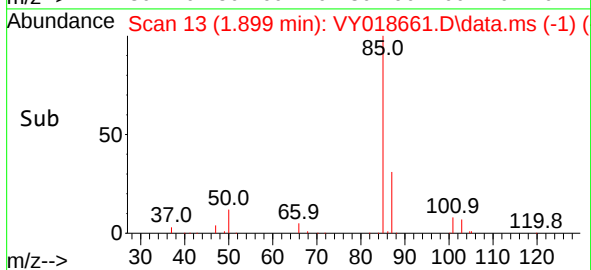
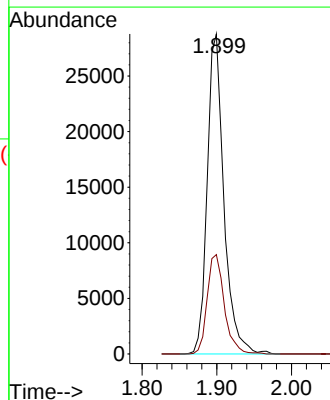
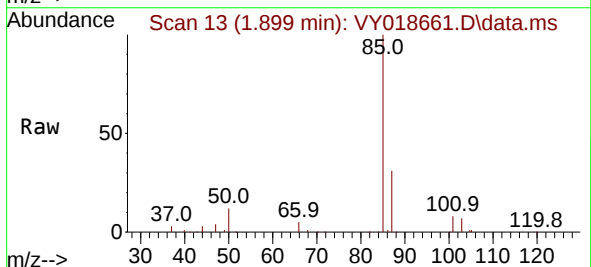
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

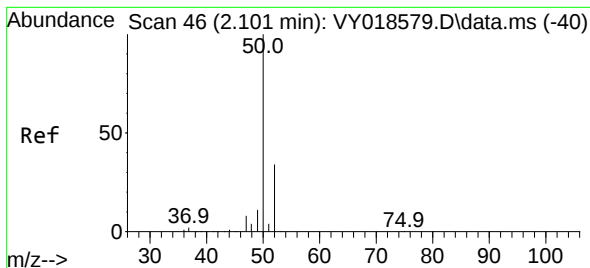
Tgt Ion:168 Resp: 144697
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.638 ug/l
RT: 1.899 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 85 Resp: 44447
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0





#3

Chloromethane

Concen: 41.134 ug/l

RT: 2.101 min Scan# 46

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

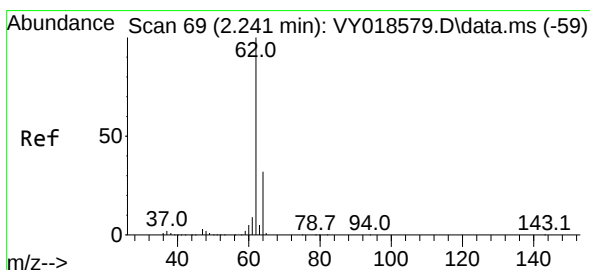
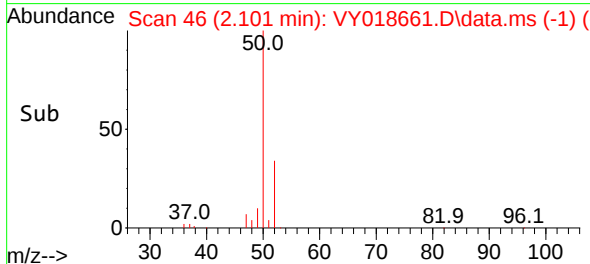
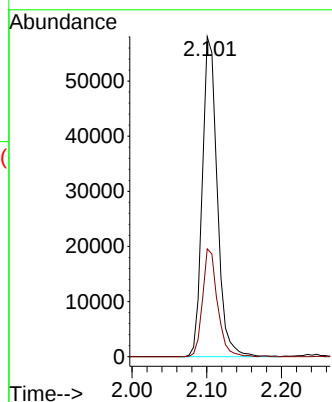
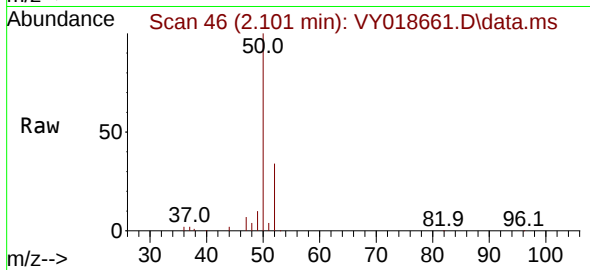
VSTDCCC050

Tgt Ion: 50 Resp: 80737

Ion Ratio Lower Upper

50 100

52 33.7 25.6 38.4



#4

Vinyl Chloride

Concen: 43.510 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.000 min

Lab File: VY018661.D

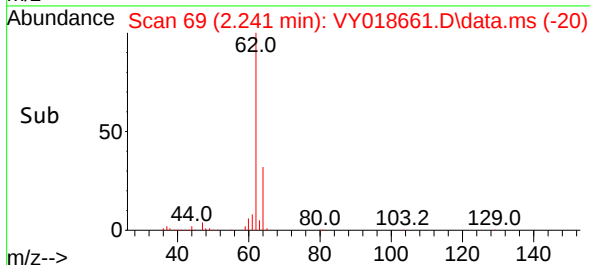
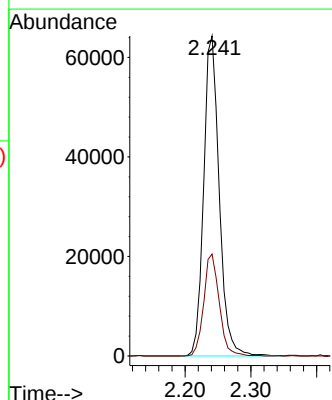
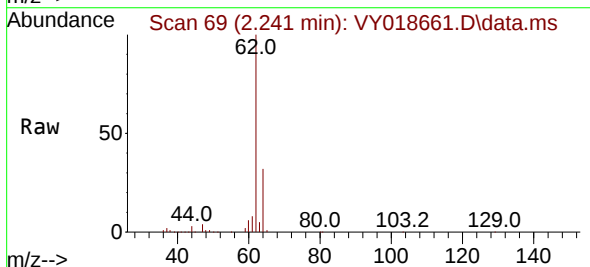
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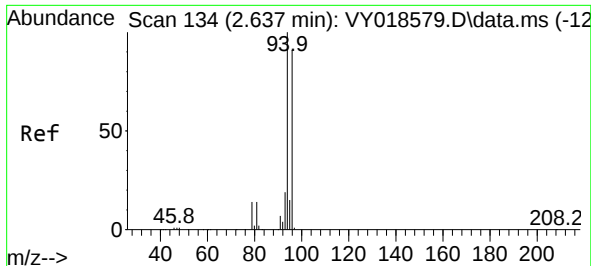
Tgt Ion: 62 Resp: 105761

Ion Ratio Lower Upper

62 100

64 31.9 26.1 39.1

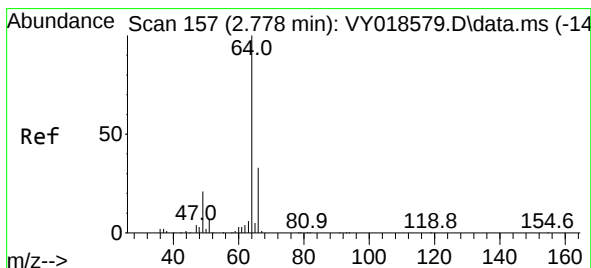
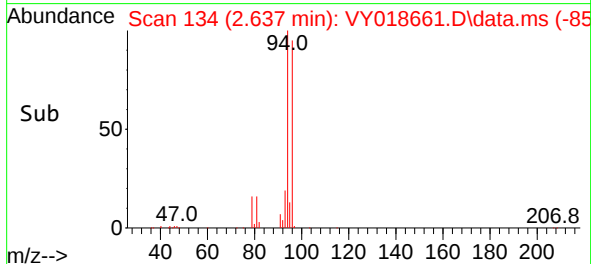
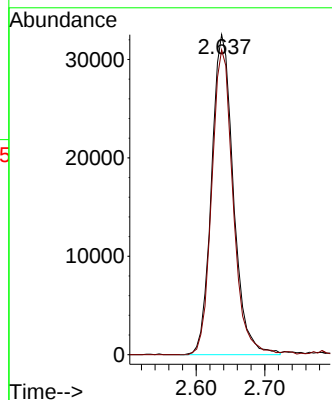
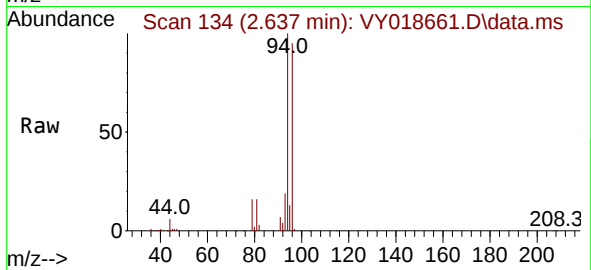




#5
Bromomethane
Concen: 39.845 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018661.D
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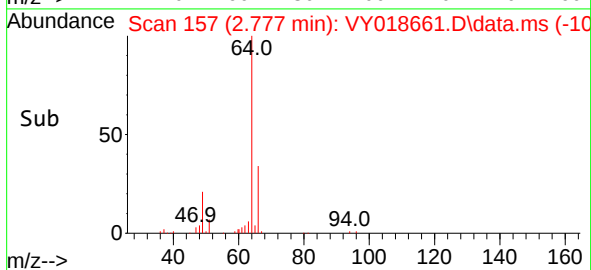
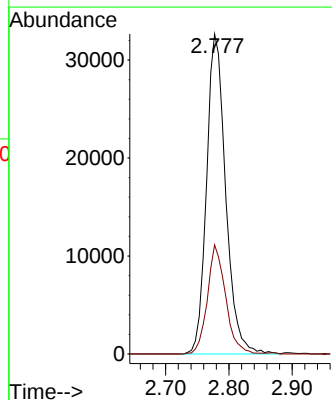
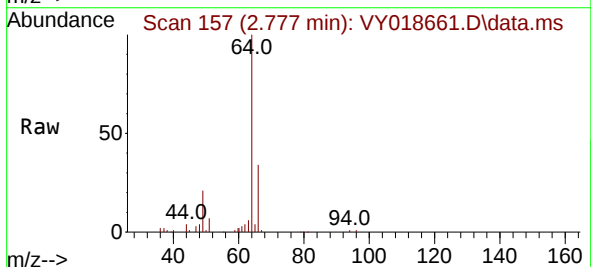
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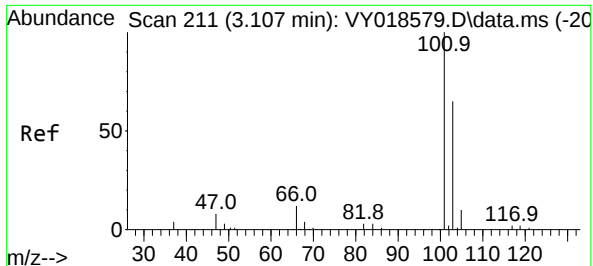
Tgt Ion: 94 Resp: 71989
Ion Ratio Lower Upper
94 100
96 95.2 74.1 111.1



#6
Chloroethane
Concen: 43.097 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 68625
Ion Ratio Lower Upper
64 100
66 34.1 26.1 39.1

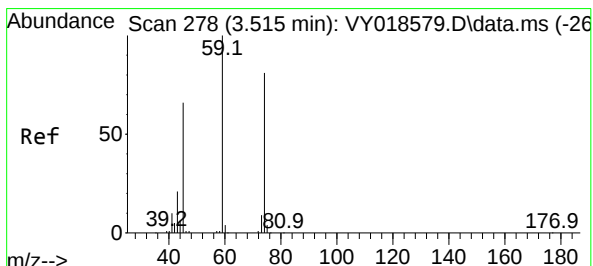
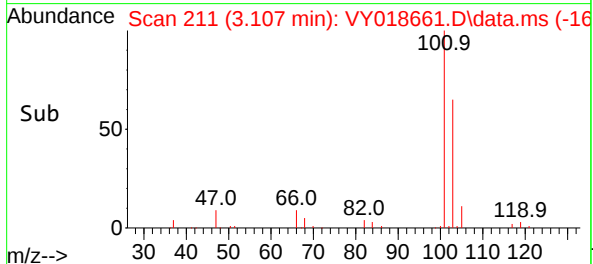
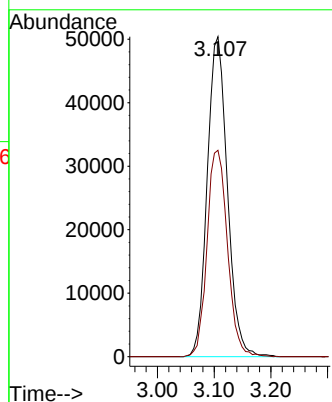
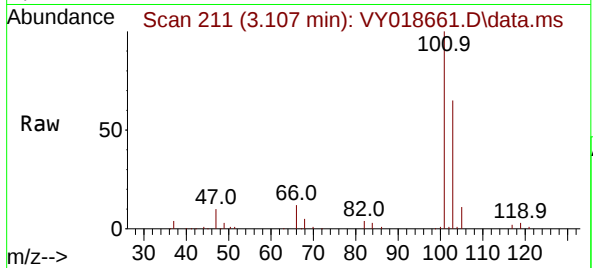




#7
 Trichlorofluoromethane
 Concen: 47.498 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY018661.D
 Acq: 21 Jun 2024 10:06

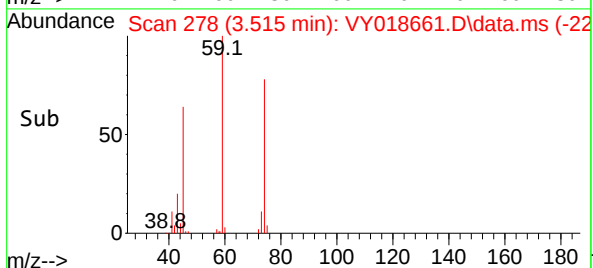
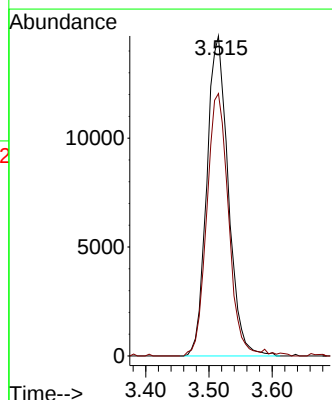
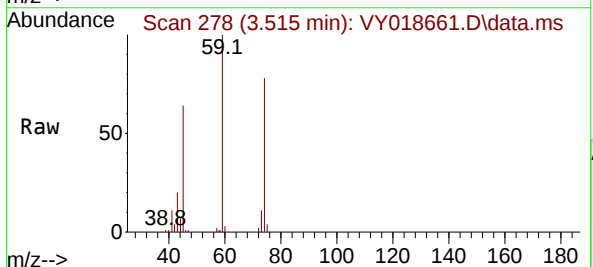
Instrument :
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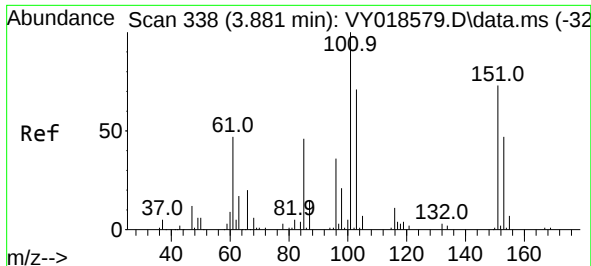
Tgt Ion:101 Resp: 124328
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 46.444 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 34663
 Ion Ratio Lower Upper
 74 100
 45 82.8 41.3 124.1

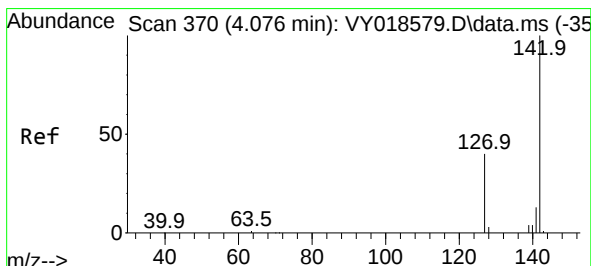
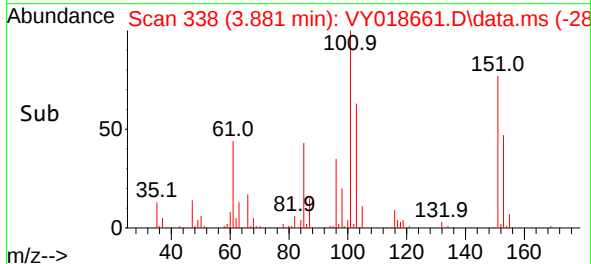
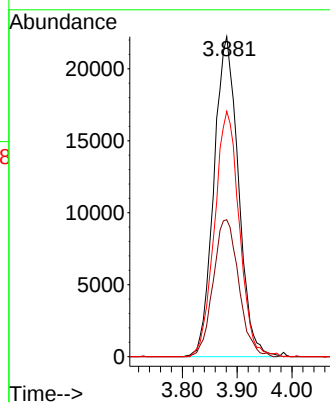
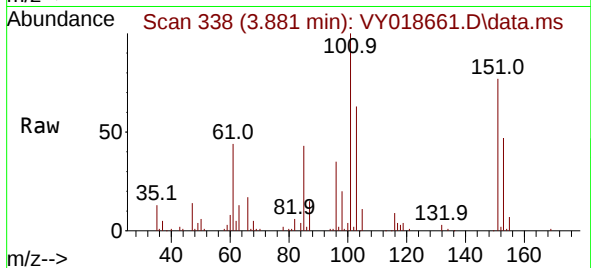




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.376 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

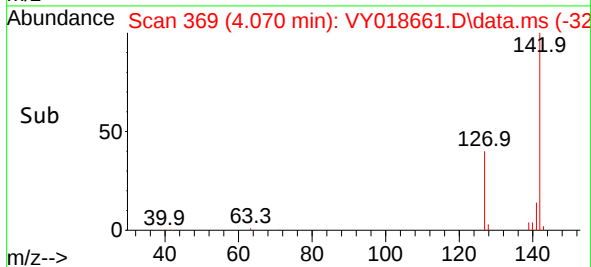
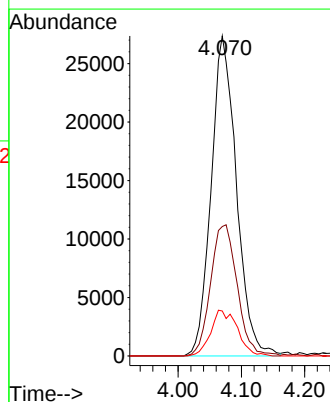
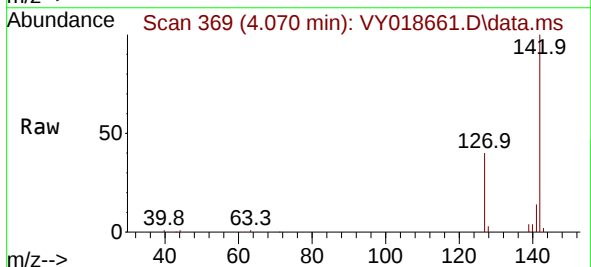
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

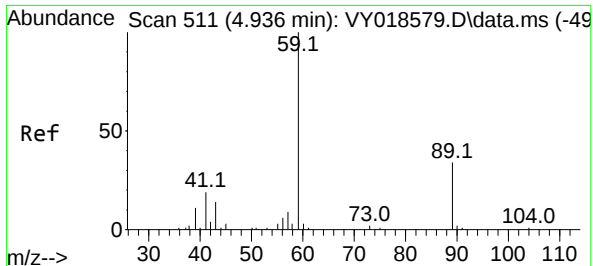
Tgt Ion:101 Resp: 68897
Ion Ratio Lower Upper
101 100
85 44.8 34.5 51.7
151 77.6 61.7 92.5



#10
Methyl Iodide
Concen: 46.008 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion:142 Resp: 75987
Ion Ratio Lower Upper
142 100
127 43.1 32.8 49.2
141 15.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 87.258 ug/l

RT: 4.942 min Scan# 511

Delta R.T. 0.006 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

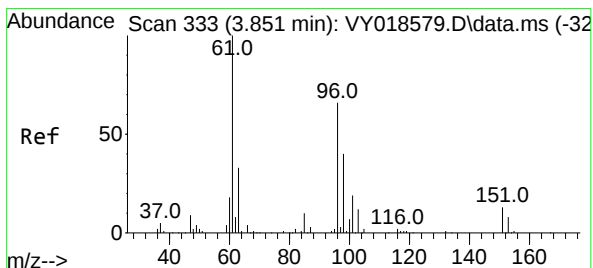
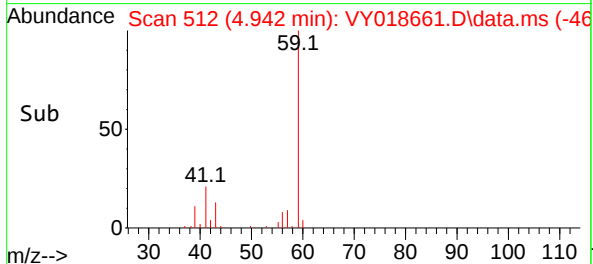
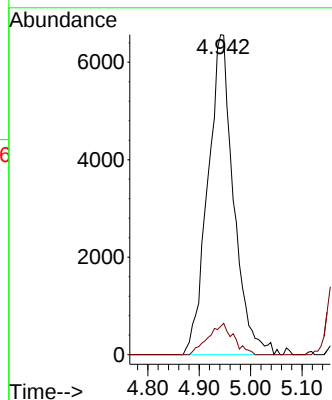
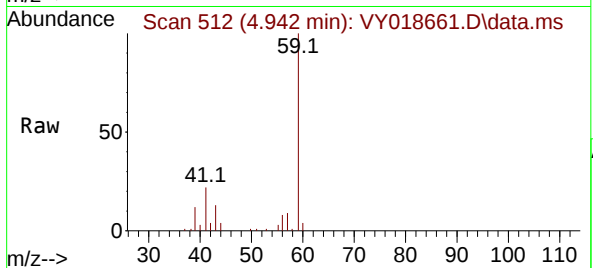
VSTDCCC050

Tgt Ion: 59 Resp: 22865

Ion Ratio Lower Upper

59 100

57 9.7 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 47.313 ug/l

RT: 3.850 min Scan# 333

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

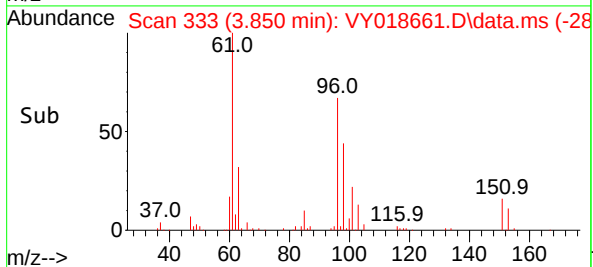
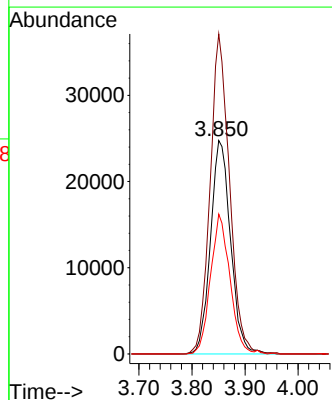
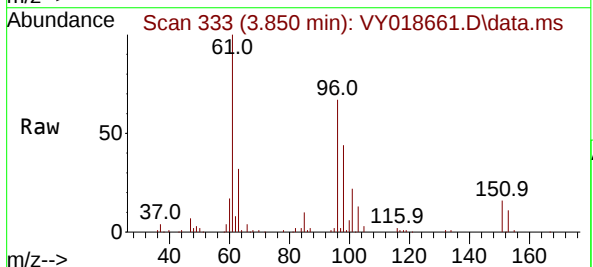
Tgt Ion: 96 Resp: 65028

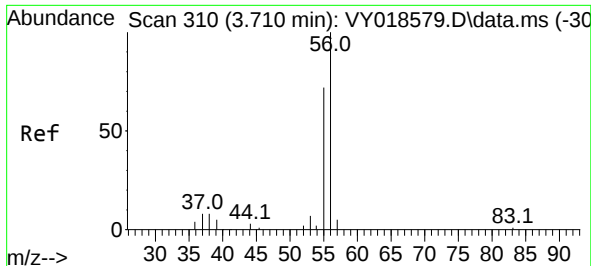
Ion Ratio Lower Upper

96 100

61 149.9 114.6 171.8

98 65.5 50.8 76.2

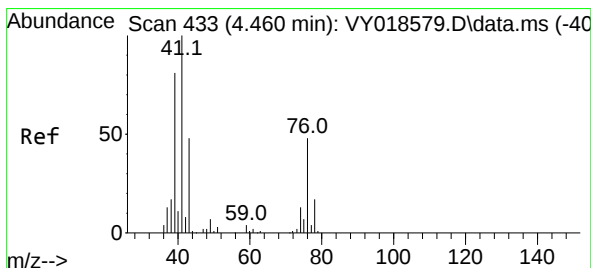
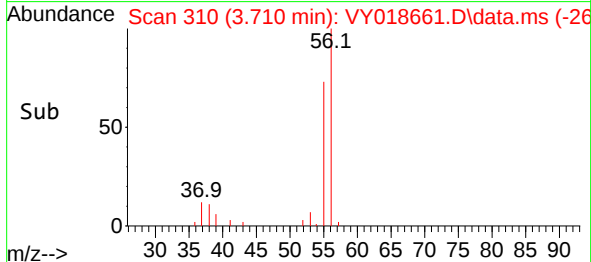
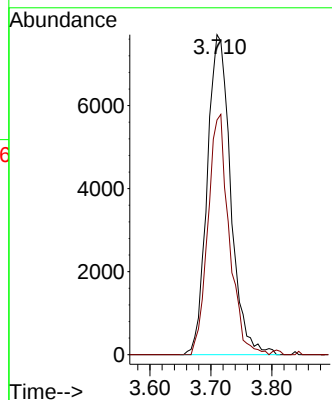
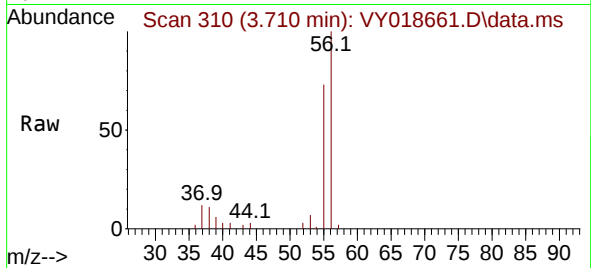




#13
Acrolein
Concen: 244.752 ug/l
RT: 3.710 min Scan# 310
Delta R.T. 0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

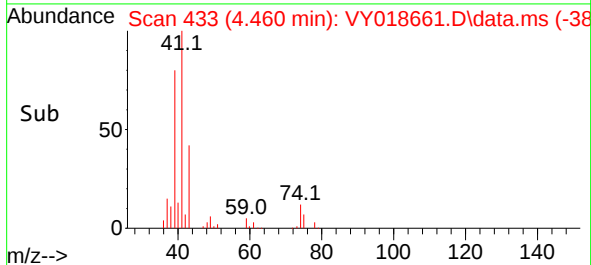
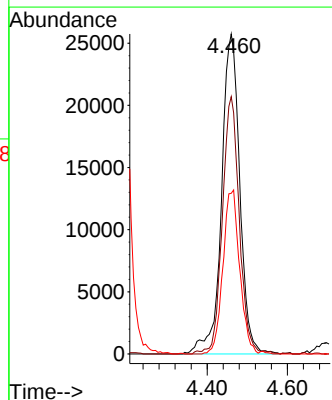
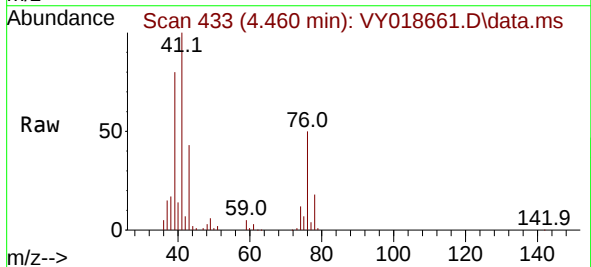
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

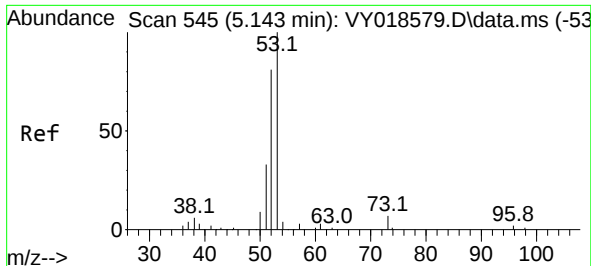
Tgt Ion: 56 Resp: 20619
Ion Ratio Lower Upper
56 100
55 68.2 55.7 83.5



#14
Allyl chloride
Concen: 43.887 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 41 Resp: 81318
Ion Ratio Lower Upper
41 100
39 74.7 58.3 87.5
76 46.9 39.0 58.6

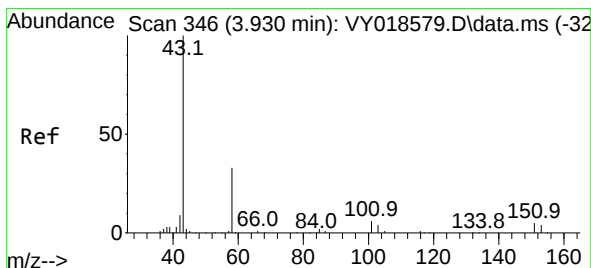
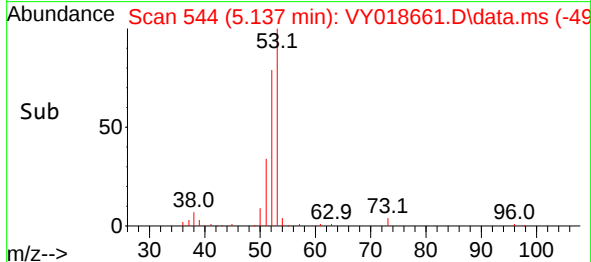
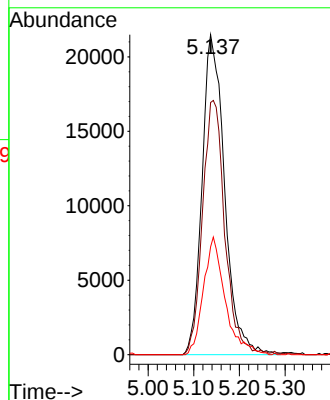
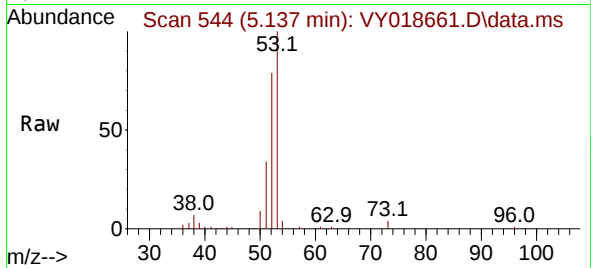




#15
Acrylonitrile
Concen: 221.537 ug/l
RT: 5.137 min Scan# 545
Delta R.T. -0.006 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

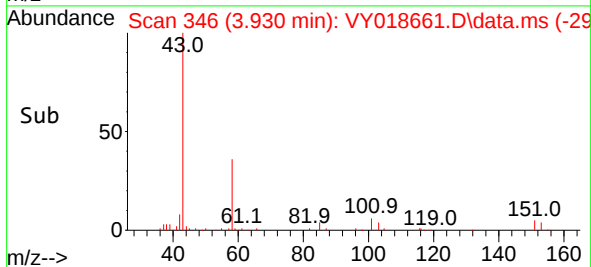
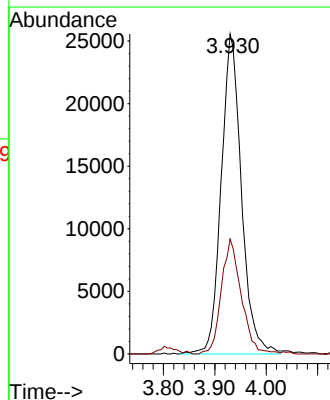
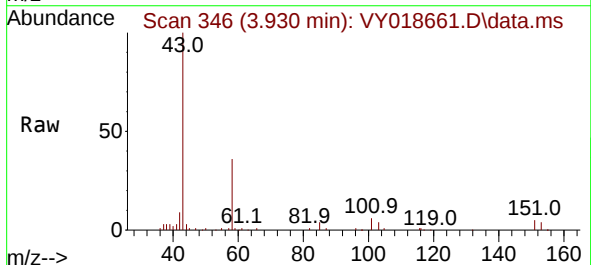
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

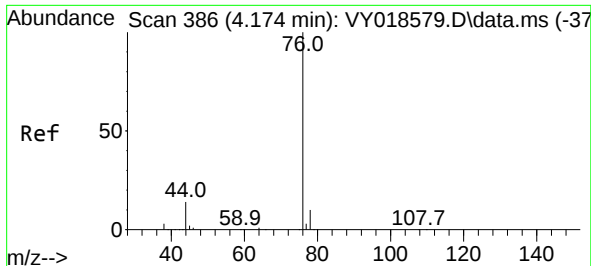
Tgt Ion: 53	Resp:	73554
Ion	Ratio	Lower Upper
53	100	
52	78.3	64.7 97.1
51	35.3	28.4 42.6



#16
Acetone
Concen: 235.917 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 43	Resp:	69923
Ion	Ratio	Lower Upper
43	100	
58	35.6	31.7 47.5

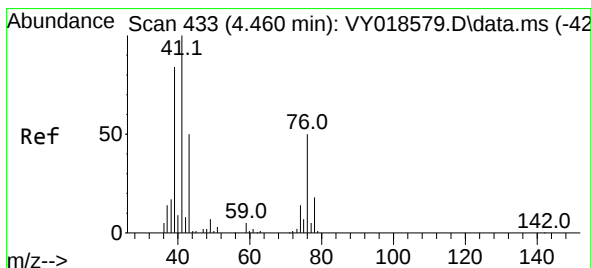
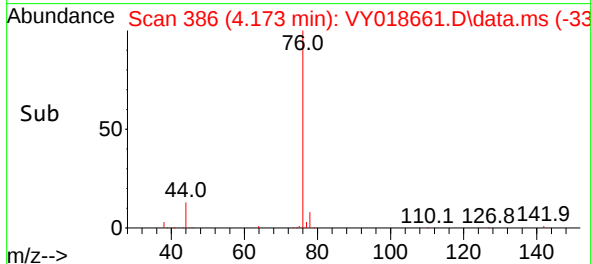
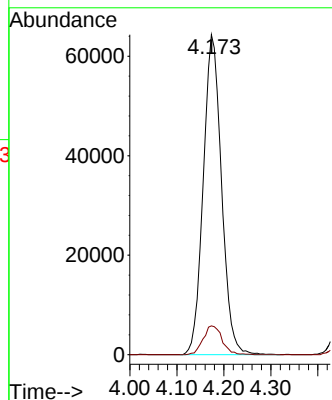
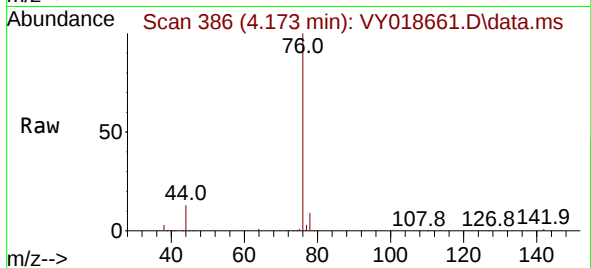




#17
Carbon Disulfide
Concen: 42.042 ug/l
RT: 4.173 min Scan# 386
Delta R.T. -0.001 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

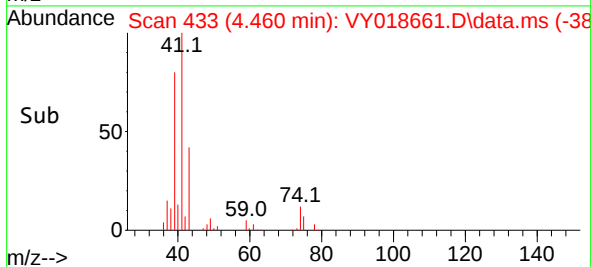
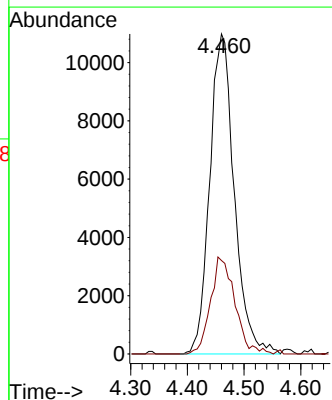
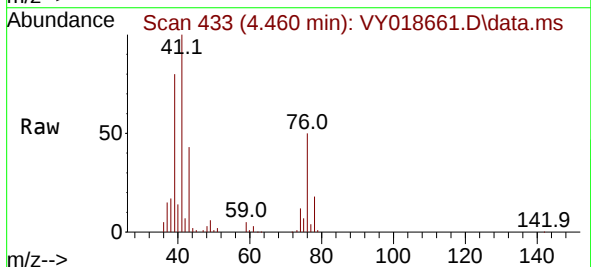
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

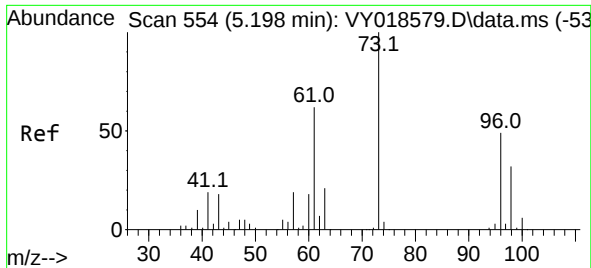
Tgt Ion: 76 Resp: 173703
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 43.857 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 43 Resp: 32971
Ion Ratio Lower Upper
43 100
74 30.1 23.3 34.9

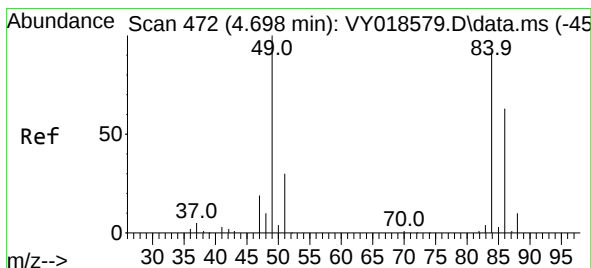
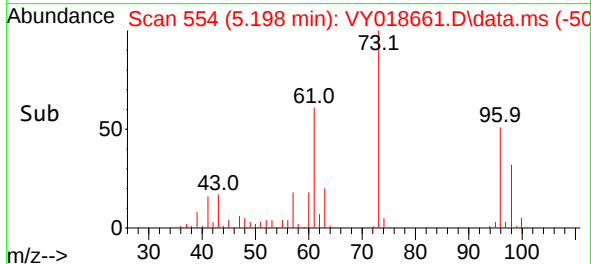
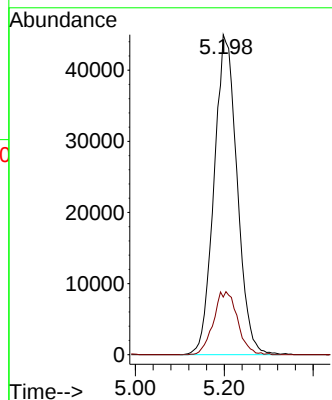
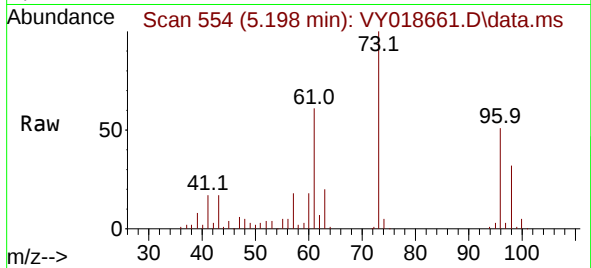




#19
Methyl tert-butyl Ether
Concen: 44.148 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

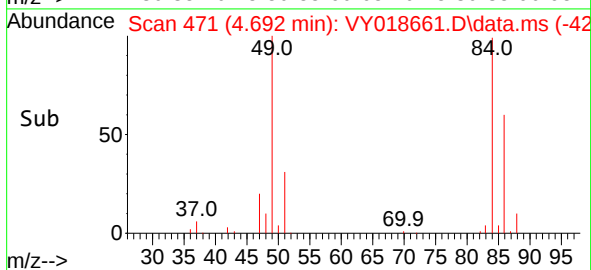
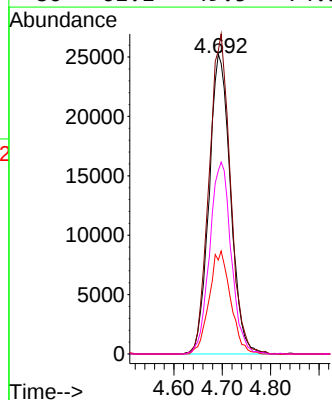
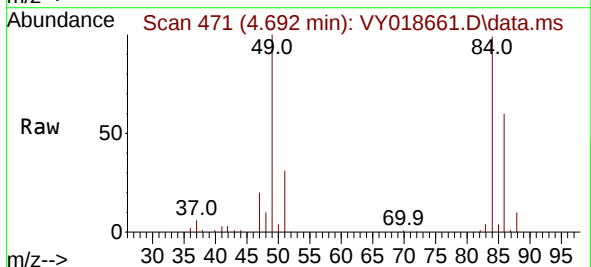
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

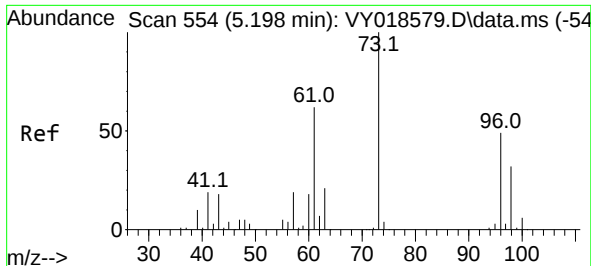
Tgt Ion: 73 Resp: 161857
Ion Ratio Lower Upper
73 100
57 18.0 17.3 25.9



#20
Methylene Chloride
Concen: 40.787 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 84 Resp: 77518
Ion Ratio Lower Upper
84 100
49 101.1 84.4 126.6
51 31.3 26.0 39.0
86 61.1 49.5 74.3

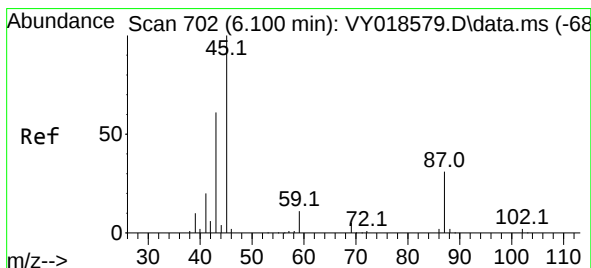
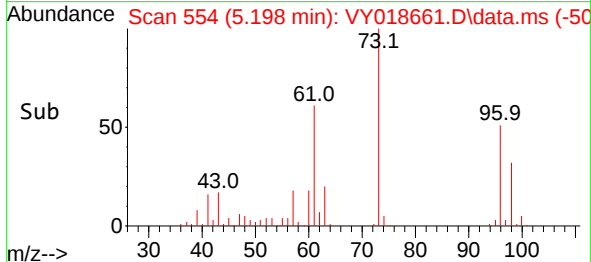
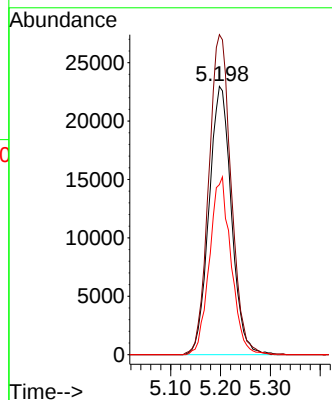
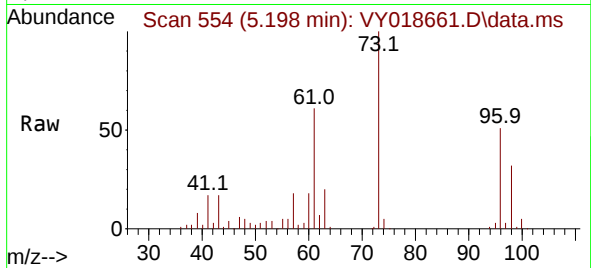




#21
trans-1,2-Dichloroethene
Concen: 45.809 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

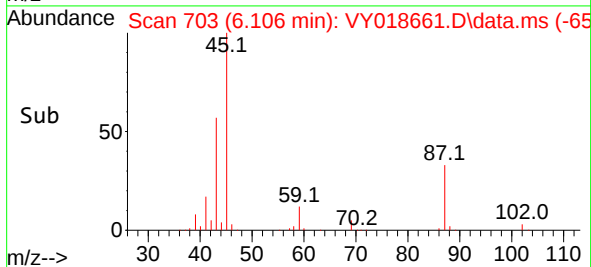
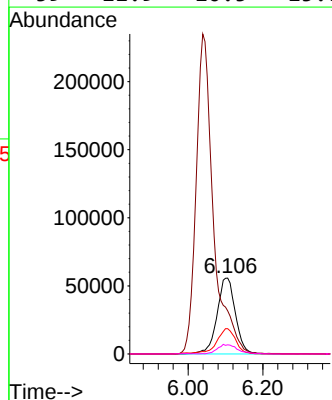
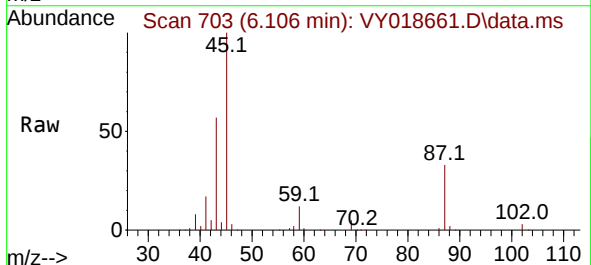
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

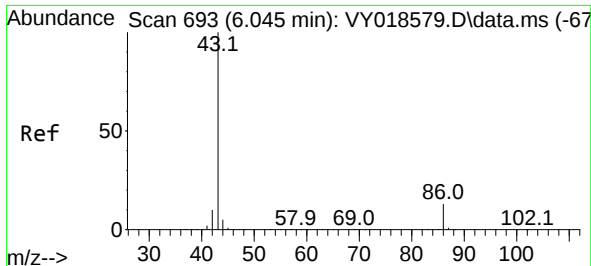
Tgt Ion: 96 Resp: 71672
Ion Ratio Lower Upper
96 100
61 119.3 97.5 146.3
98 63.4 50.5 75.7



#22
Diisopropyl ether
Concen: 45.424 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 45 Resp: 190008
Ion Ratio Lower Upper
45 100
43 56.0 42.2 63.2
87 33.4 25.0 37.6
59 11.9 10.5 15.7

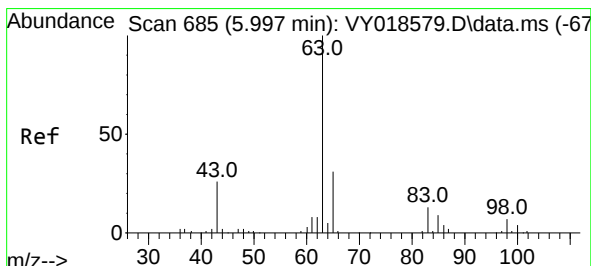
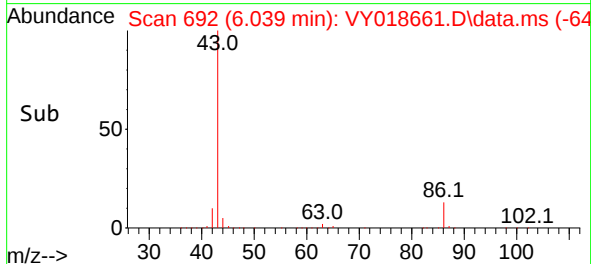
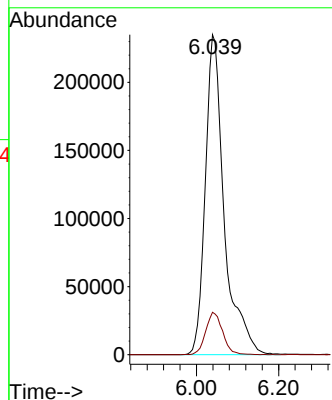
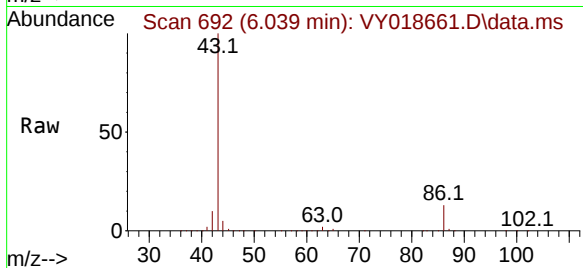




#23
 Vinyl Acetate
 Concen: 194.099 ug/l
 RT: 6.039 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VY018661.D
 Acq: 21 Jun 2024 10:06

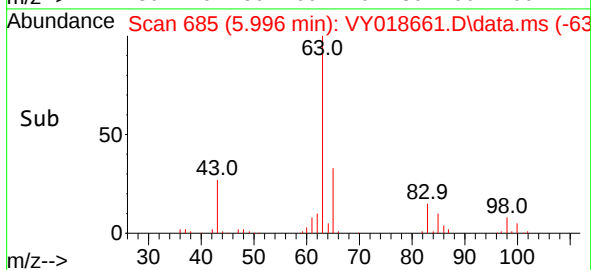
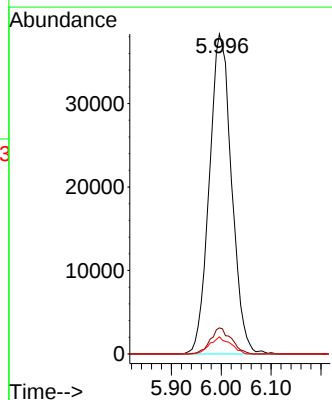
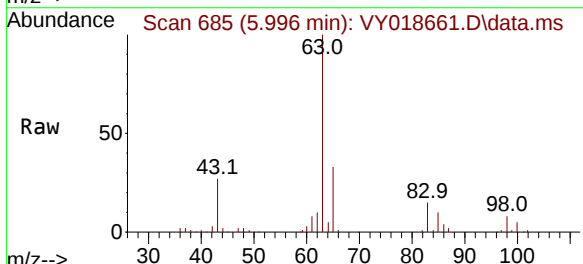
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

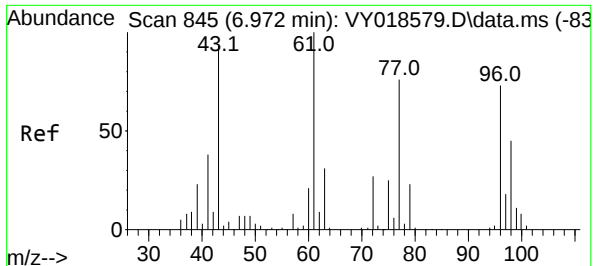
Tgt Ion: 43 Resp: 750662
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 44.141 ug/l
 RT: 5.996 min Scan# 685
 Delta R.T. -0.000 min
 Lab File: VY018661.D
 Acq: 21 Jun 2024 10:06

Tgt Ion: 63 Resp: 118955
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 5.3 2.6 8.0





#25

2-Butanone

Concen: 221.060 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

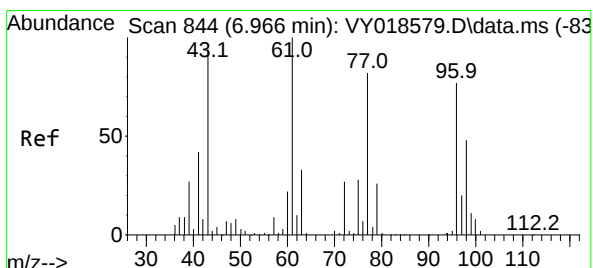
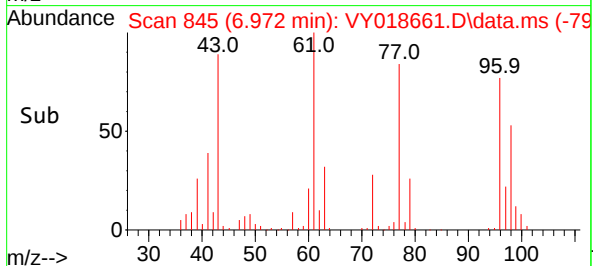
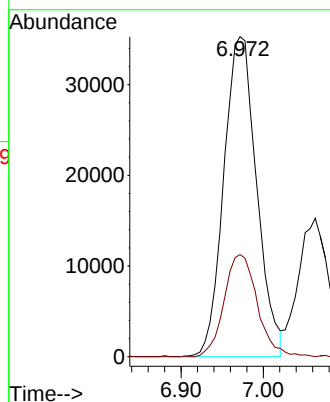
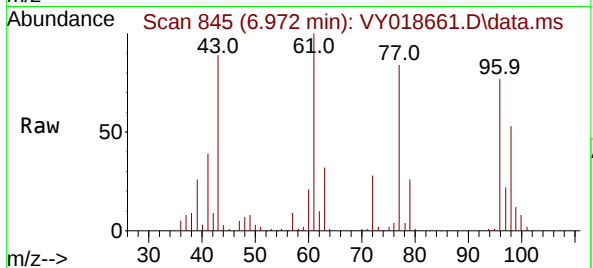
VSTDCCC050

Tgt Ion: 43 Resp: 98211

Ion Ratio Lower Upper

43 100

72 31.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 43.985 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.000 min

Lab File: VY018661.D

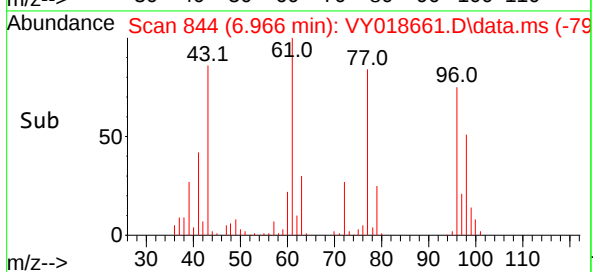
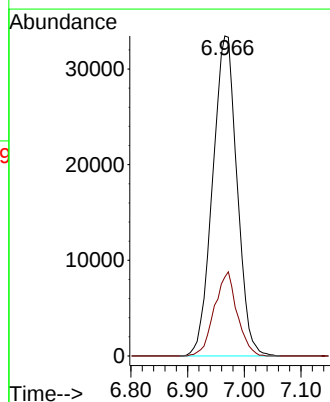
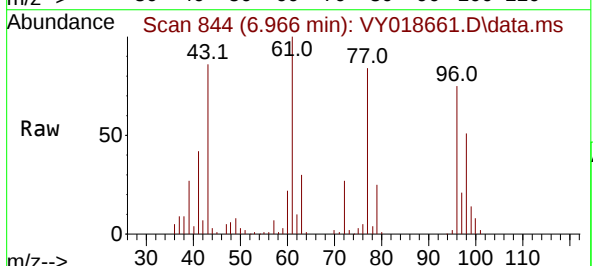
Acq: 21 Jun 2024 10:06

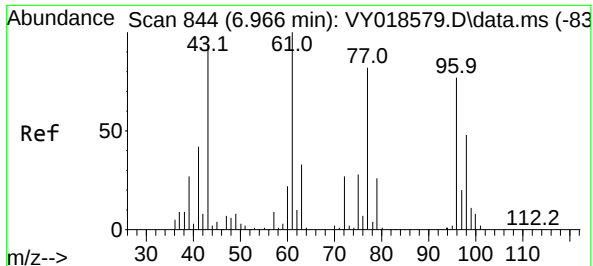
Tgt Ion: 77 Resp: 99867

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1

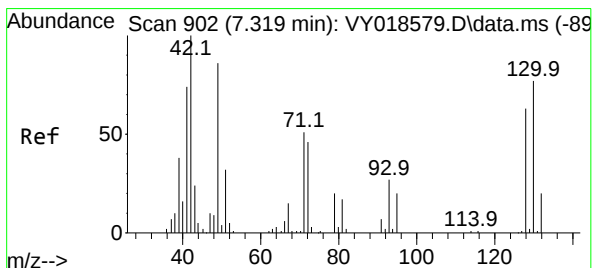
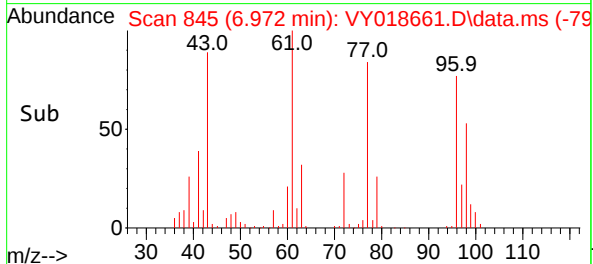
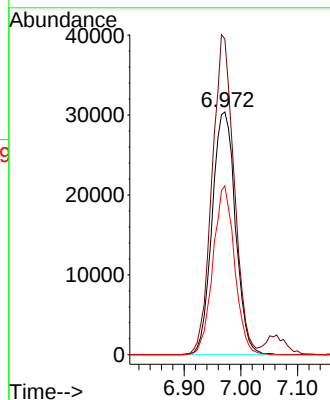
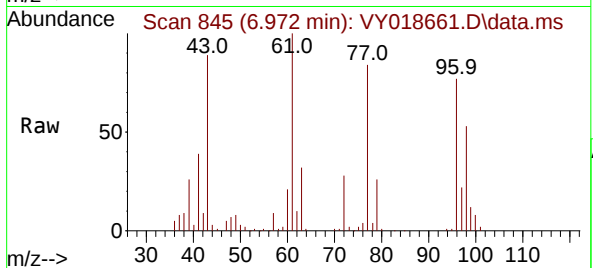




#27
 cis-1,2-Dichloroethene
 Concen: 45.922 ug/l
 RT: 6.972 min Scan# 844
 Delta R.T. 0.006 min
 Lab File: VY018661.D
 Acq: 21 Jun 2024 10:06

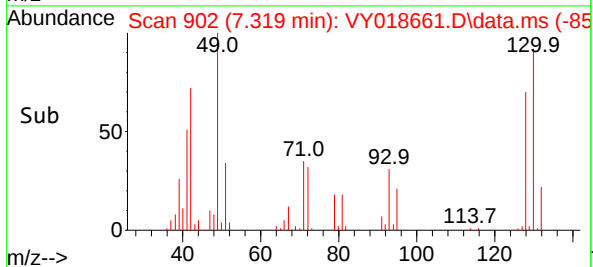
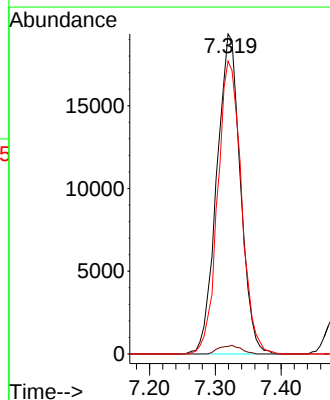
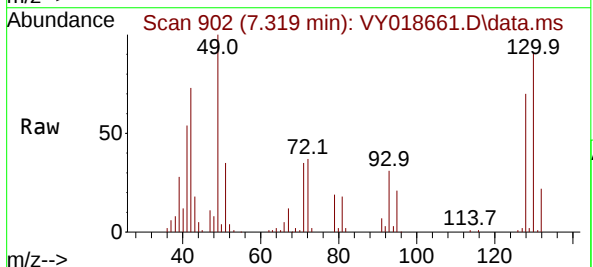
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

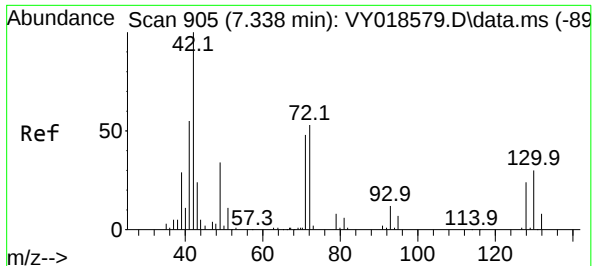
Tgt Ion: 96 Resp: 86784
 Ion Ratio Lower Upper
 96 100
 61 124.6 0.0 256.2
 98 64.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 43.760 ug/l
 RT: 7.319 min Scan# 902
 Delta R.T. -0.000 min
 Lab File: VY018661.D
 Acq: 21 Jun 2024 10:06

Tgt Ion: 49 Resp: 48335
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 91.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 216.431 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

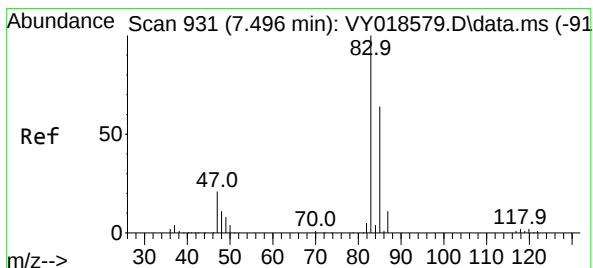
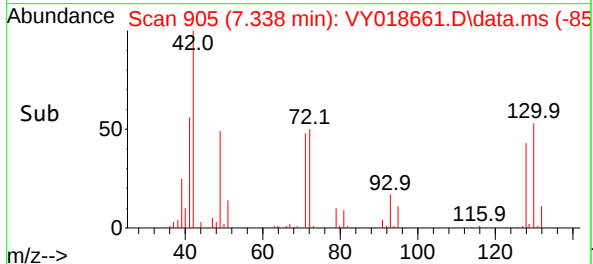
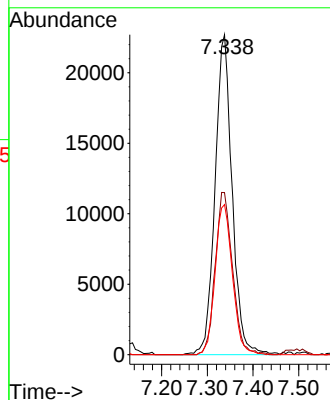
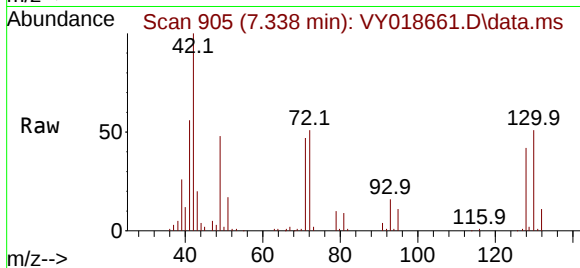
Tgt Ion: 42 Resp: 59008

Ion Ratio Lower Upper

42 100

72 51.5 43.0 64.4

71 47.6 40.8 61.2



#30

Chloroform

Concen: 44.705 ug/l

RT: 7.490 min Scan# 930

Delta R.T. -0.006 min

Lab File: VY018661.D

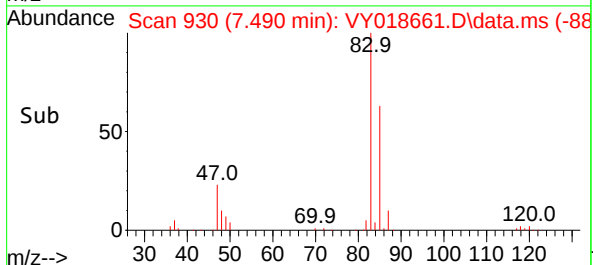
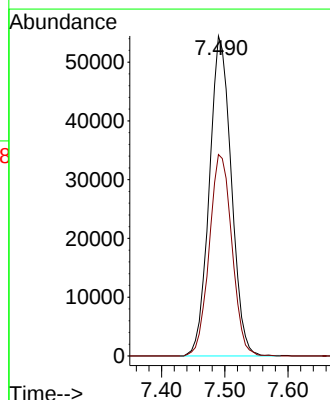
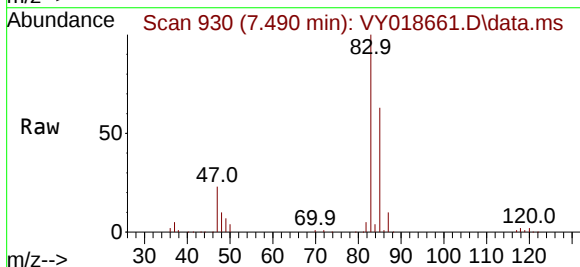
Acq: 21 Jun 2024 10:06

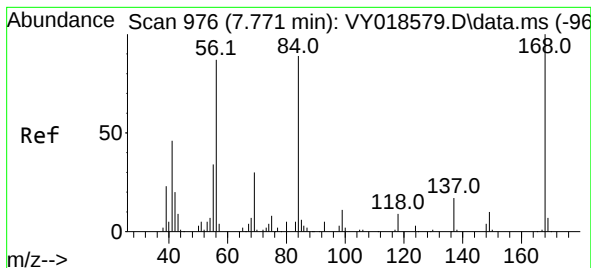
Tgt Ion: 83 Resp: 131295

Ion Ratio Lower Upper

83 100

85 62.9 52.2 78.4





#31

Cyclohexane

Concen: 44.299 ug/l

RT: 7.770 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

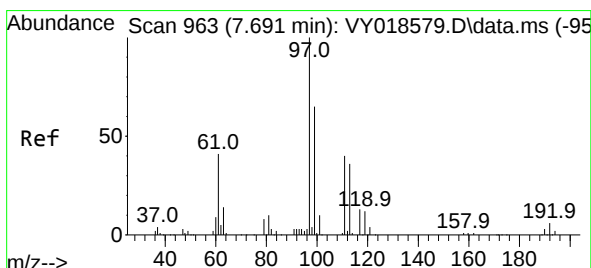
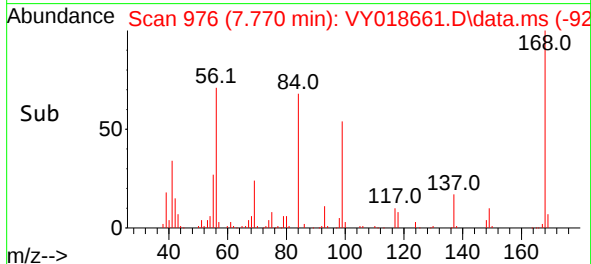
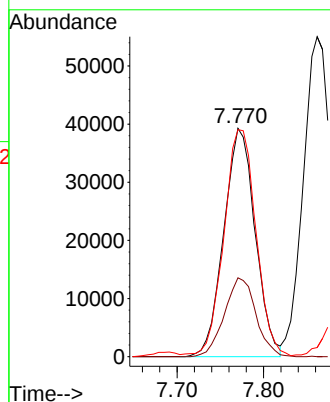
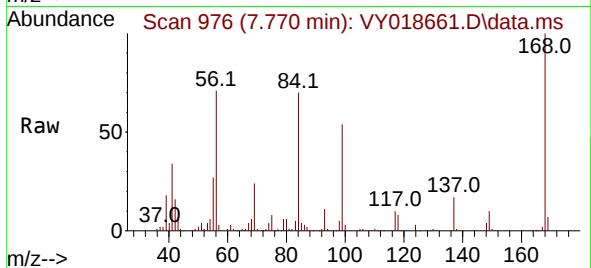
Tgt Ion: 56 Resp: 98855

Ion Ratio Lower Upper

56 100

69 34.6 28.7 43.1

84 98.5 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 46.687 ug/l

RT: 7.691 min Scan# 963

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

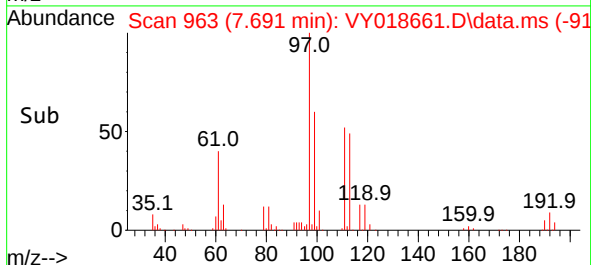
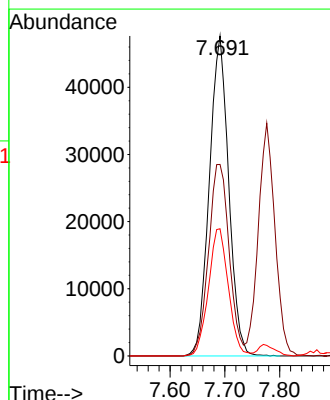
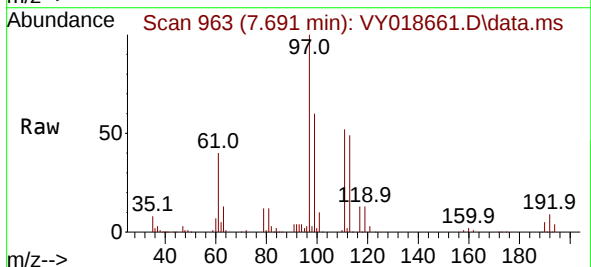
Tgt Ion: 97 Resp: 116486

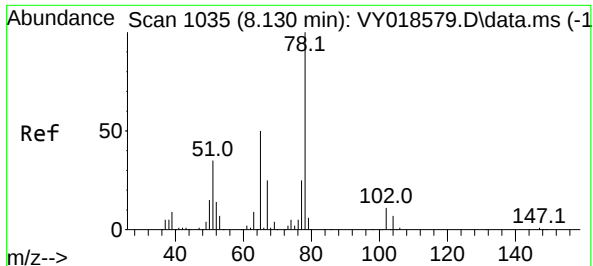
Ion Ratio Lower Upper

97 100

99 64.0 50.3 75.5

61 41.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.714 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

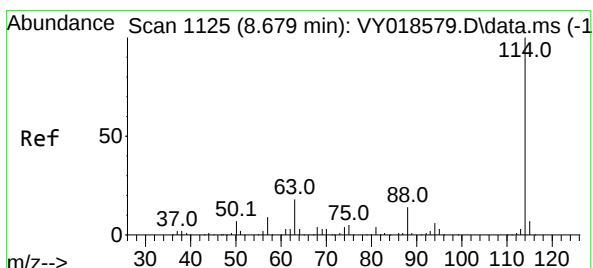
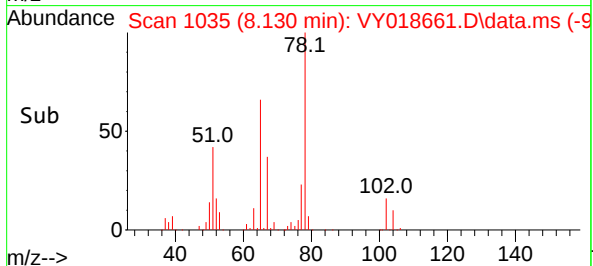
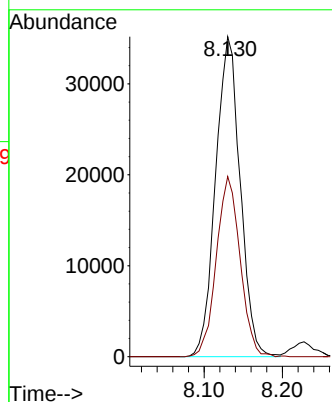
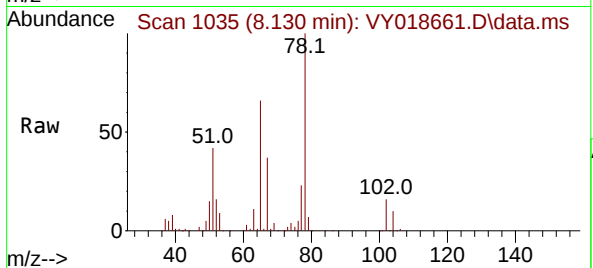
VSTDCCC050

Tgt Ion: 65 Resp: 76793

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

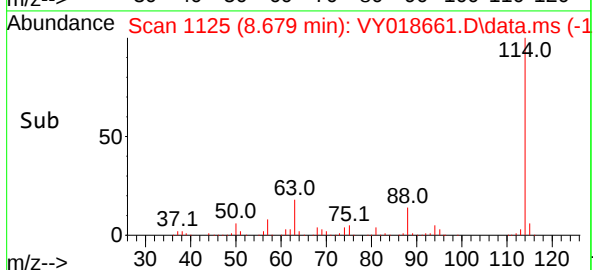
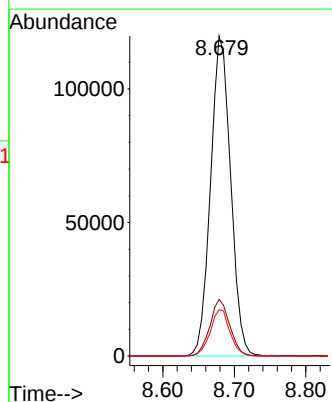
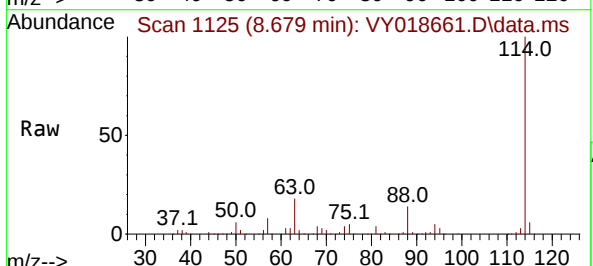
Tgt Ion: 114 Resp: 233498

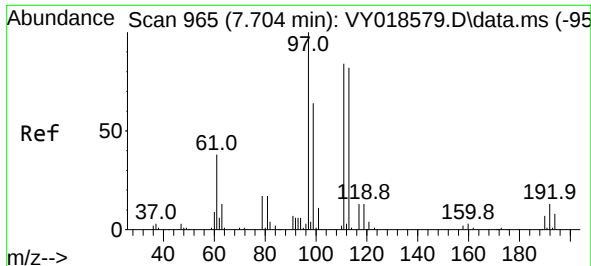
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.5 0.0 27.2

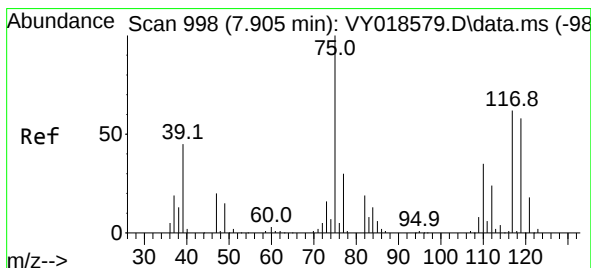
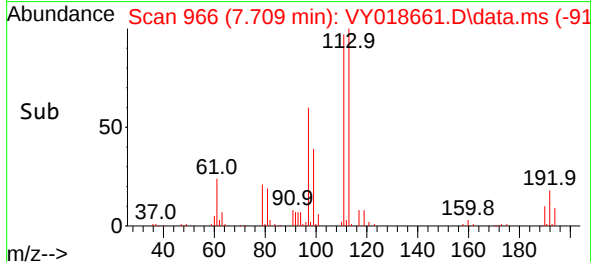
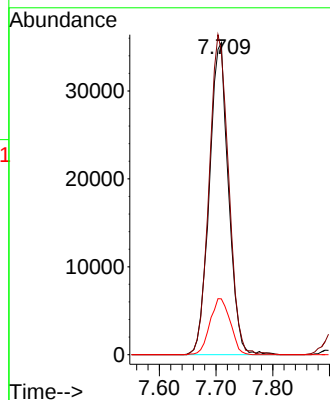
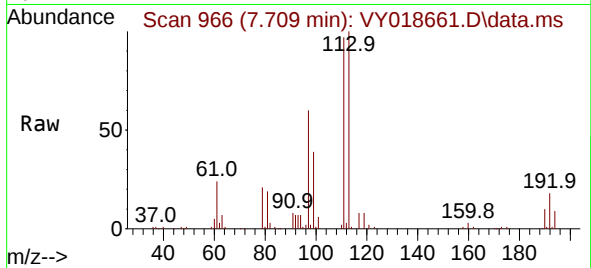




#35
Dibromofluoromethane
Concen: 58.392 ug/l
RT: 7.709 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

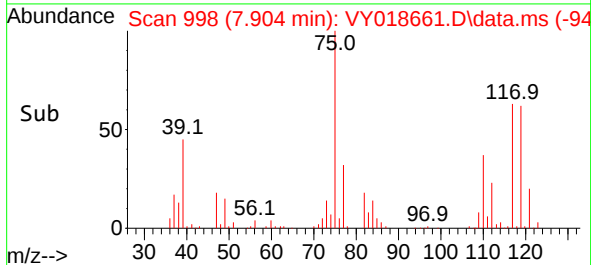
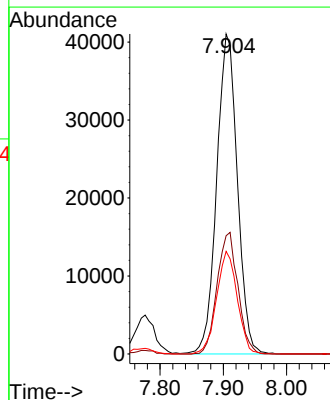
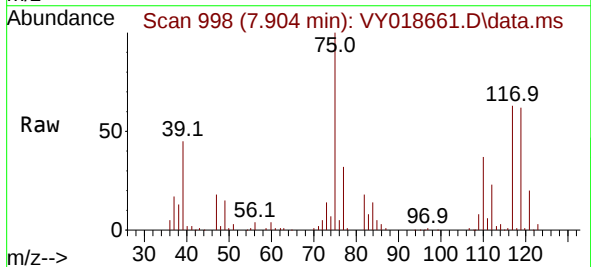
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

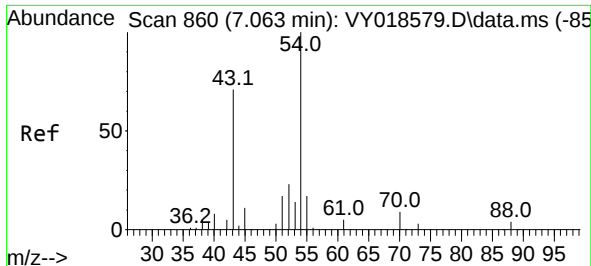
Tgt Ion:113 Resp: 83173
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.434 ug/l
RT: 7.904 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 75 Resp: 92999
Ion Ratio Lower Upper
75 100
110 38.2 19.0 57.0
77 32.0 25.3 37.9





#37

Ethyl Acetate

Concen: 44.433 ug/l

RT: 7.063 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

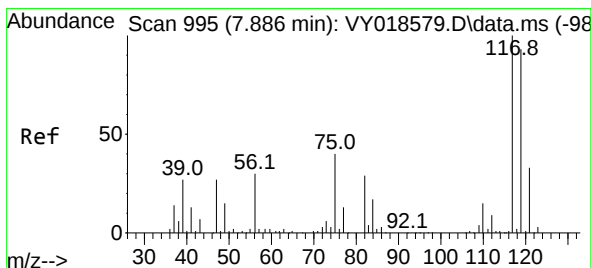
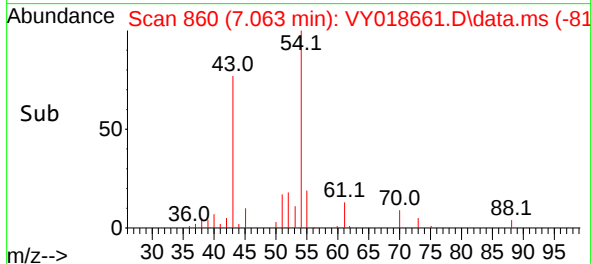
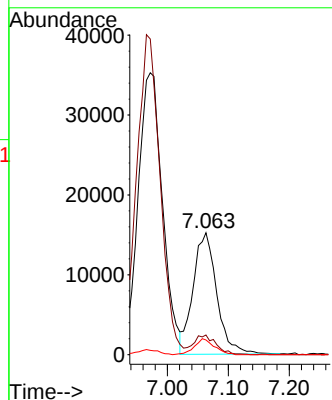
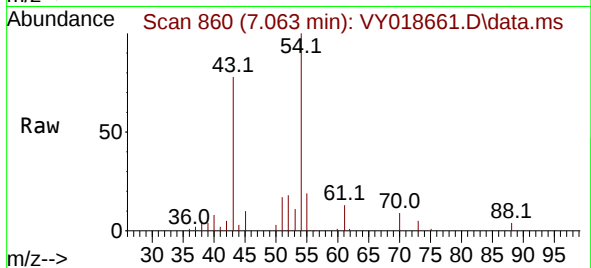
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43	Resp: 41066
Ion Ratio	Lower Upper
43 100	
61 14.9	12.6 19.0
70 11.0	7.8 11.8



#38

Carbon Tetrachloride

Concen: 50.774 ug/l

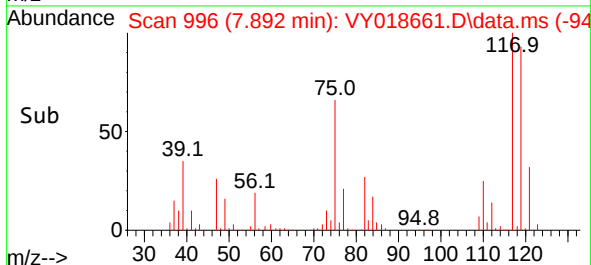
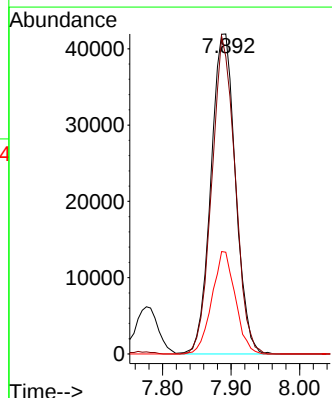
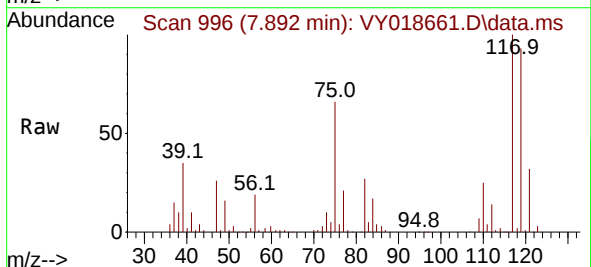
RT: 7.892 min Scan# 996

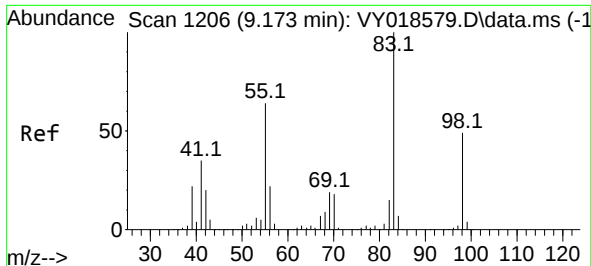
Delta R.T. 0.006 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Tgt Ion: 117	Resp: 104439
Ion Ratio	Lower Upper
117 100	
119 92.9	75.8 113.6
121 31.8	24.0 36.0

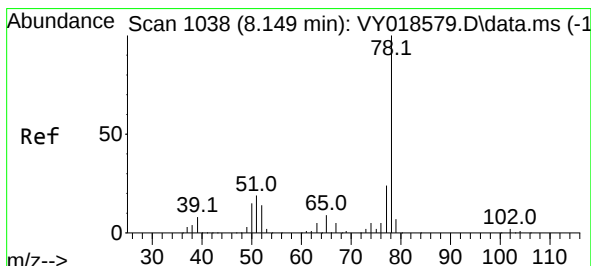
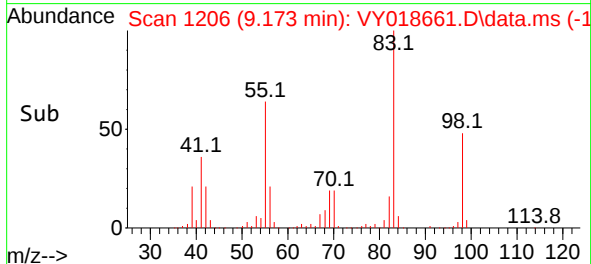
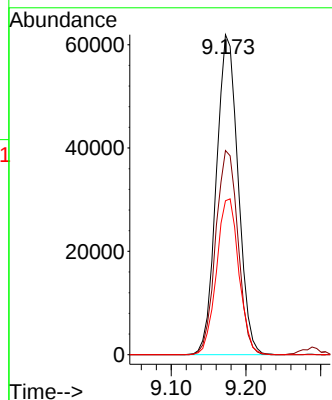
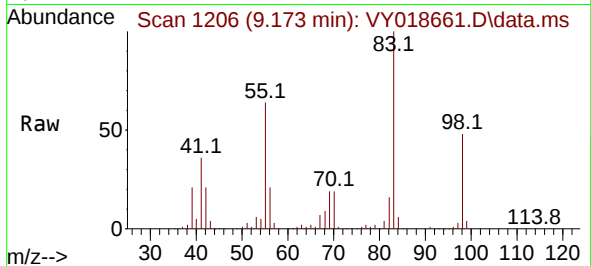




#39
Methylcyclohexane
Concen: 52.166 ug/l
RT: 9.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

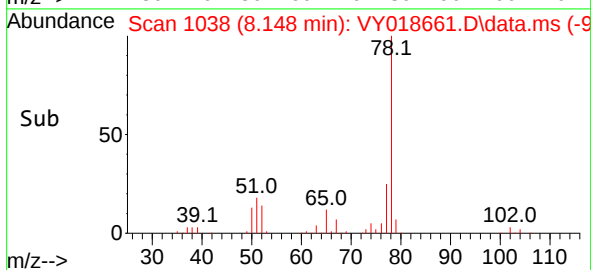
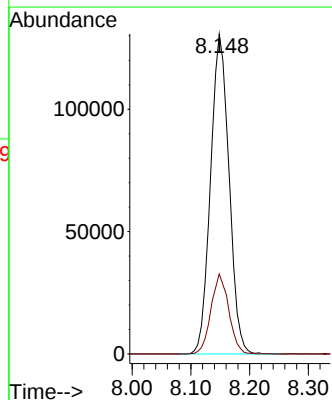
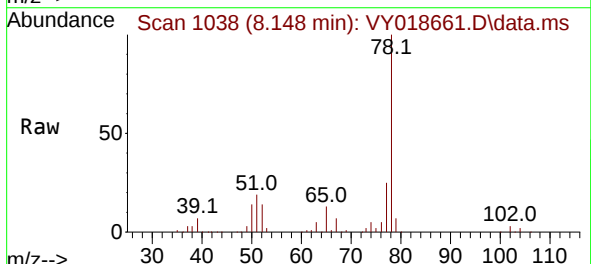
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

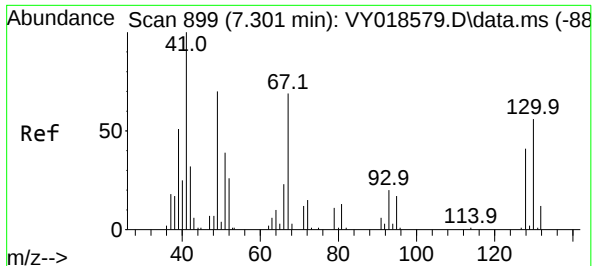
Tgt Ion: 83 Resp: 125318
Ion Ratio Lower Upper
83 100
55 63.8 51.5 77.3
98 48.1 40.5 60.7



#40
Benzene
Concen: 47.107 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 78 Resp: 285633
Ion Ratio Lower Upper
78 100
77 25.0 19.5 29.3

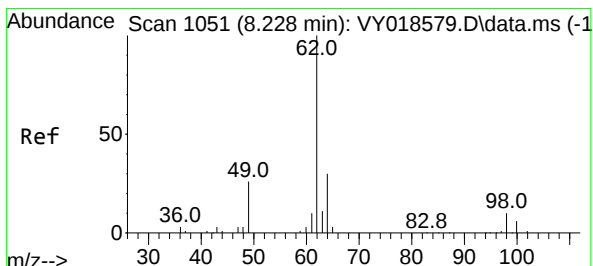
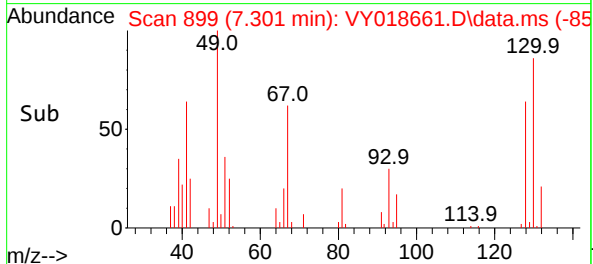
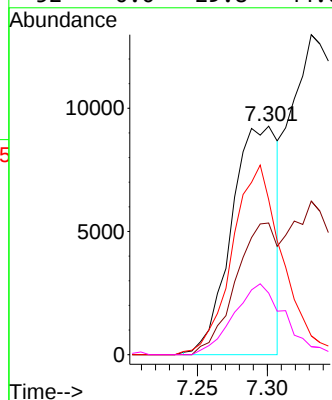
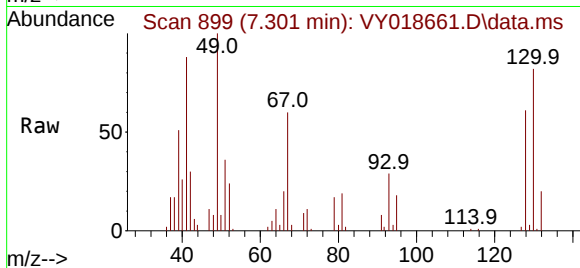




#41
Methacrylonitrile
Concen: 45.899 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

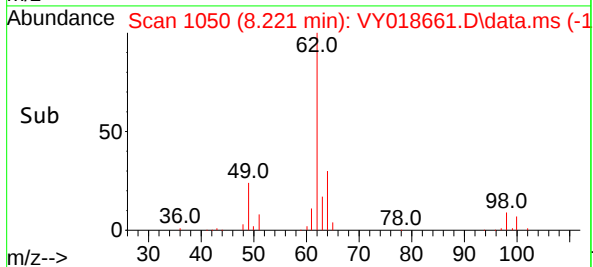
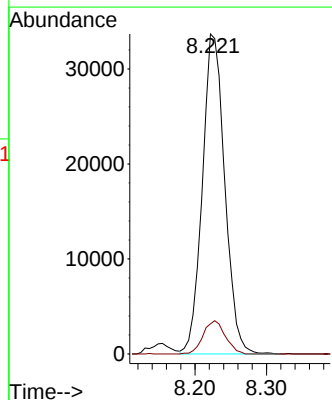
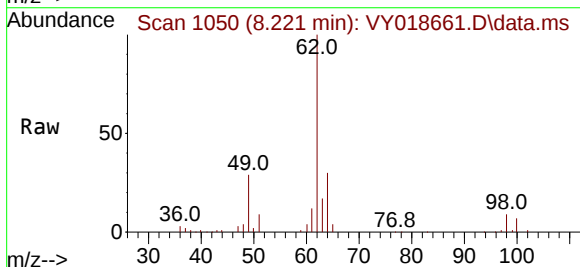
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

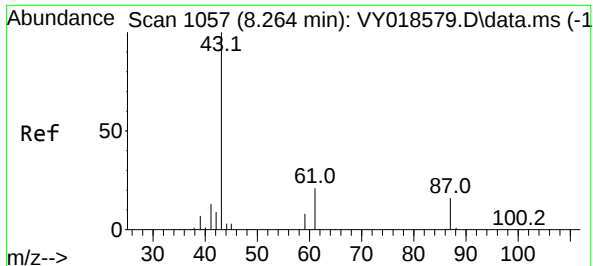
Tgt Ion:	41	Resp:	21336
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 46.358 ug/l
RT: 8.221 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion:	62	Resp:	73334
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.0

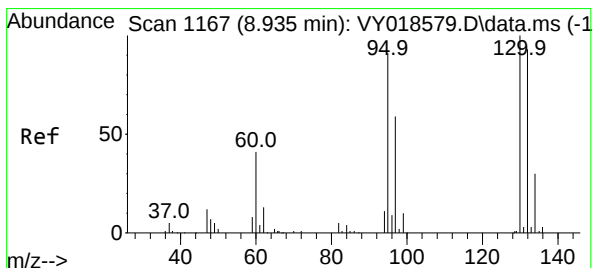
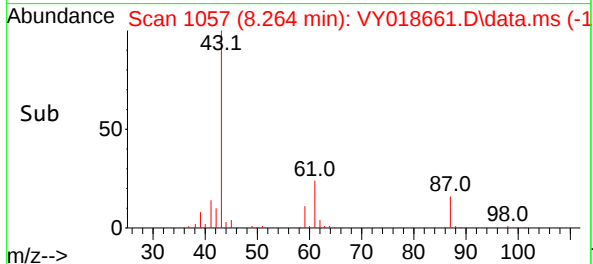
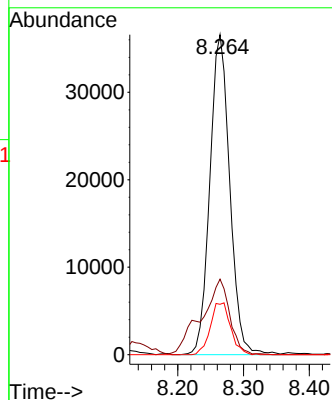
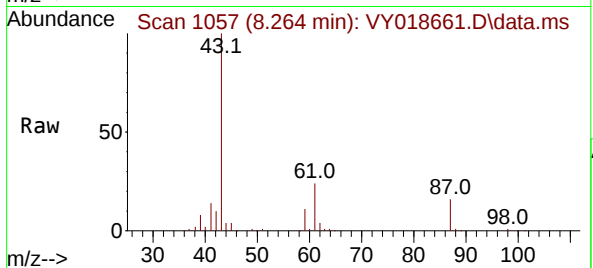




#43
Isopropyl Acetate
Concen: 44.725 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

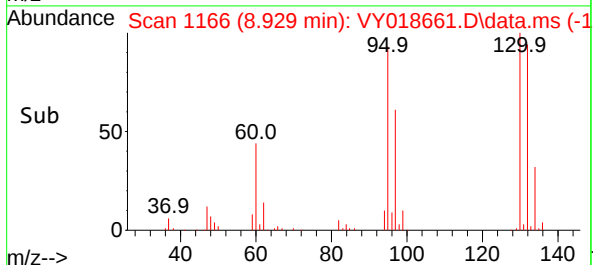
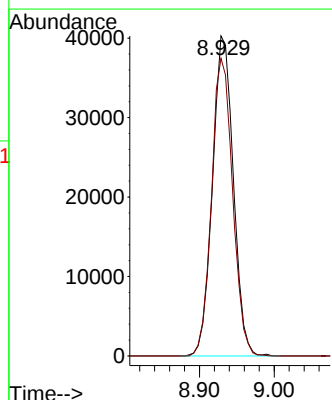
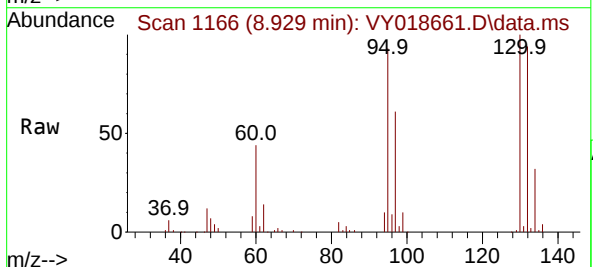
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

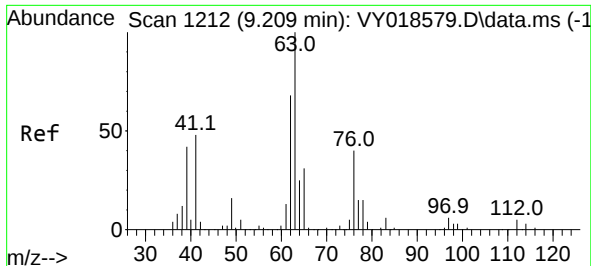
Tgt Ion: 43 Resp: 77152
Ion Ratio Lower Upper
43 100
61 33.7 27.9 41.9
87 16.5 13.1 19.7



#44
Trichloroethene
Concen: 49.180 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion:130 Resp: 78073
Ion Ratio Lower Upper
130 100
95 93.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 46.552 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

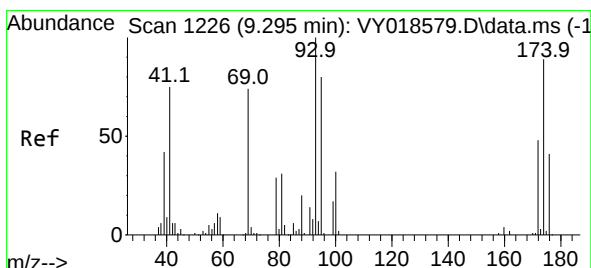
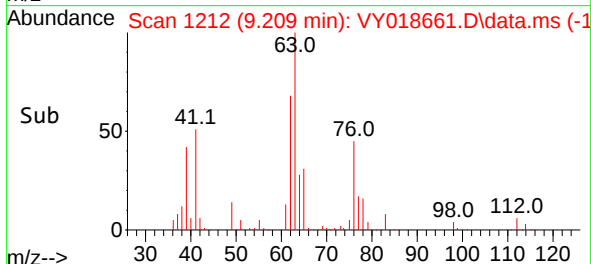
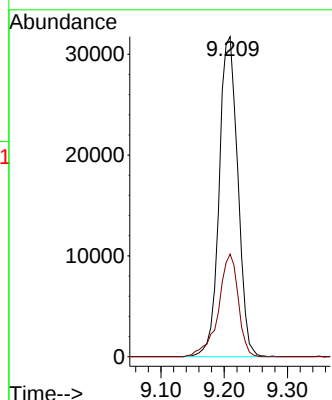
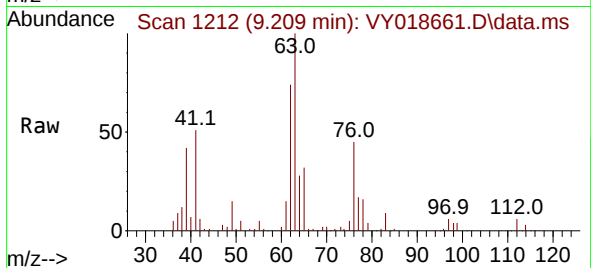
VSTDCCC050

Tgt Ion: 63 Resp: 64544

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.2



#46

Dibromomethane

Concen: 46.897 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

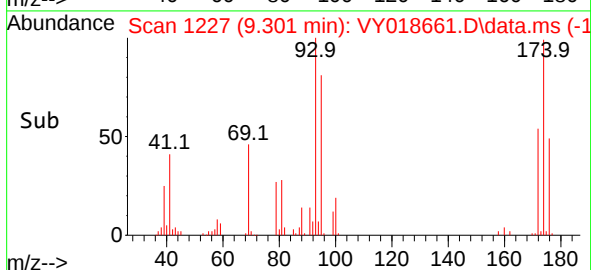
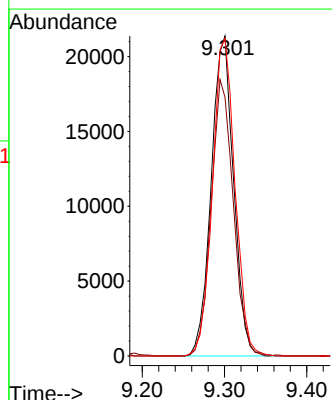
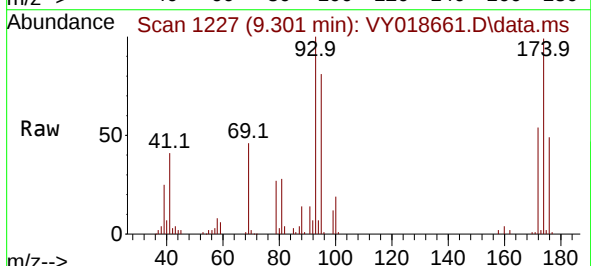
Tgt Ion: 93 Resp: 40345

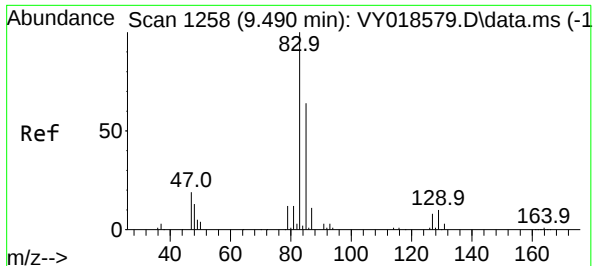
Ion Ratio Lower Upper

93 100

95 85.5 66.2 99.4

174 100.3 80.9 121.3





#47

Bromodichloromethane

Concen: 48.938 ug/l

RT: 9.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

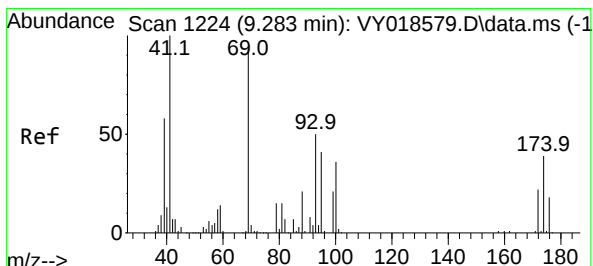
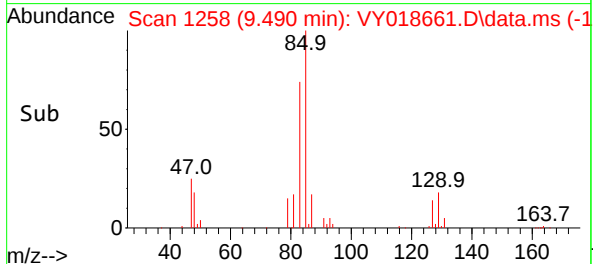
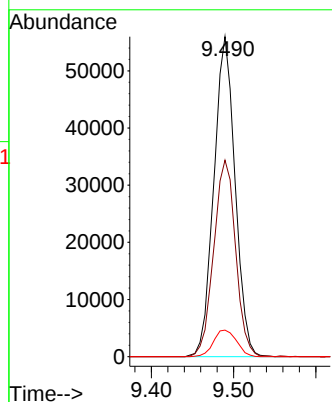
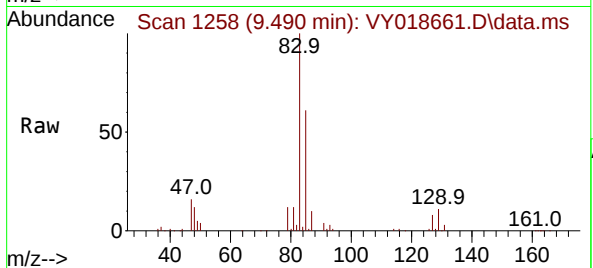
Tgt Ion: 83 Resp: 100483

Ion Ratio Lower Upper

83 100

85 61.4 50.1 75.1

127 8.3 7.4 11.0



#48

Methyl methacrylate

Concen: 46.759 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

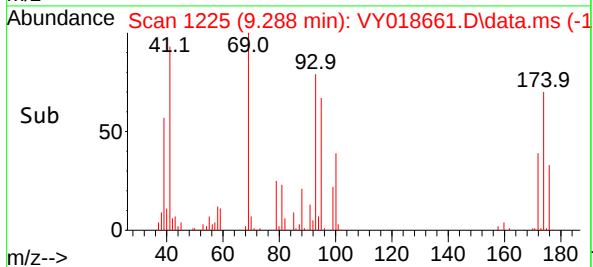
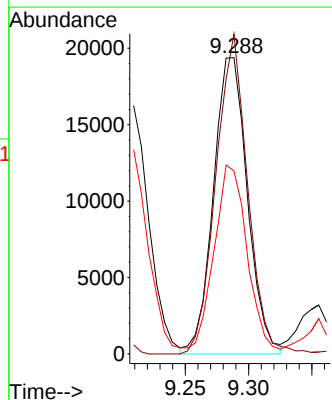
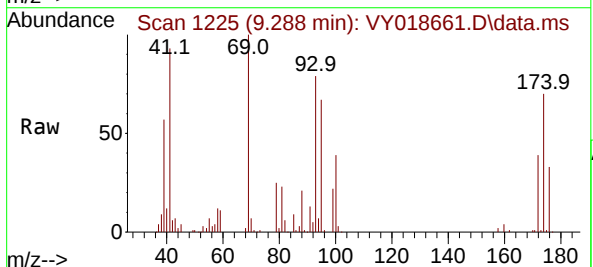
Tgt Ion: 41 Resp: 36313

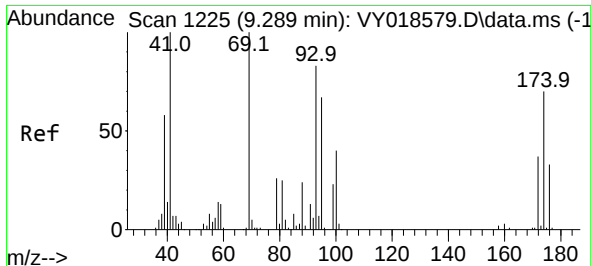
Ion Ratio Lower Upper

41 100

69 100.8 84.1 126.1

39 58.8 43.6 65.4





#49

1,4-Dioxane

Concen: 926.611 ug/l

RT: 9.288 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

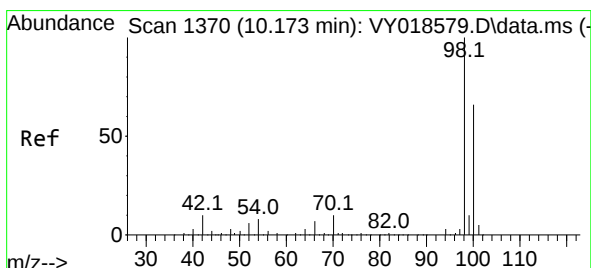
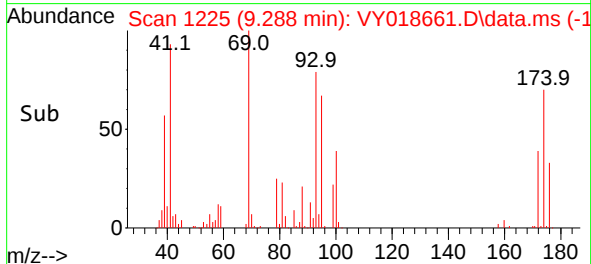
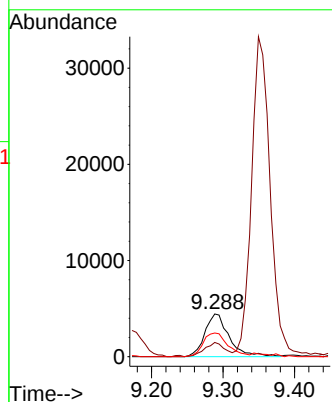
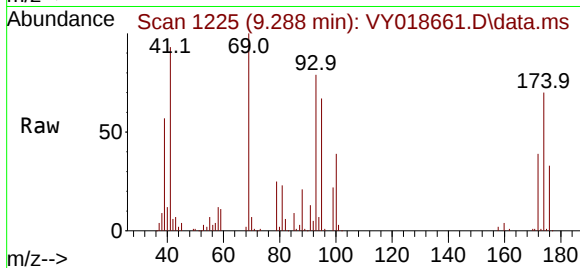
Tgt Ion: 88 Resp: 10484

Ion Ratio Lower Upper

88 100

43 27.5 0.0 0.0#

58 56.7 49.3 73.9



#50

Toluene-d8

Concen: 58.034 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018661.D

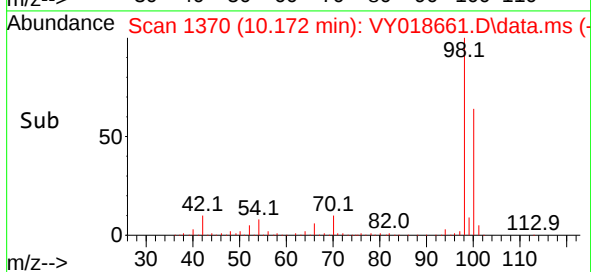
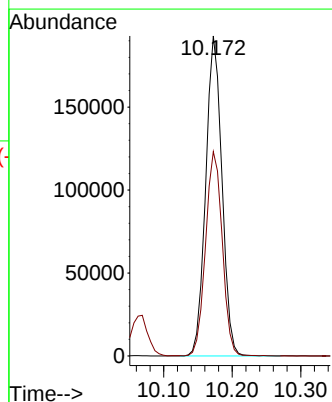
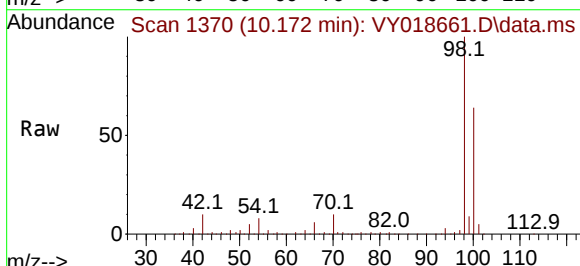
Acq: 21 Jun 2024 10:06

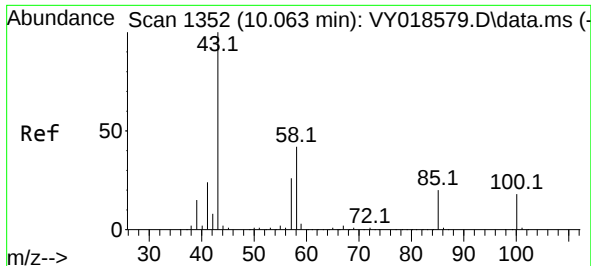
Tgt Ion: 98 Resp: 317889

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 233.359 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

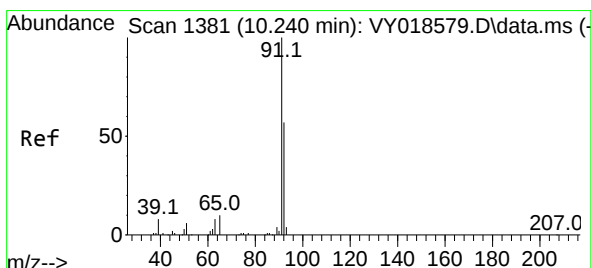
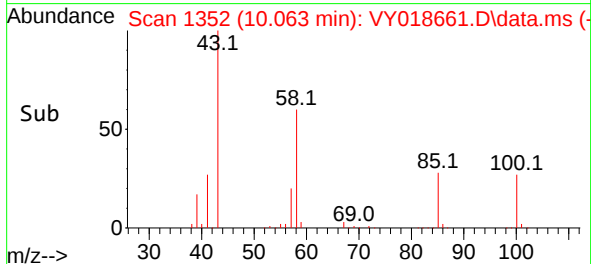
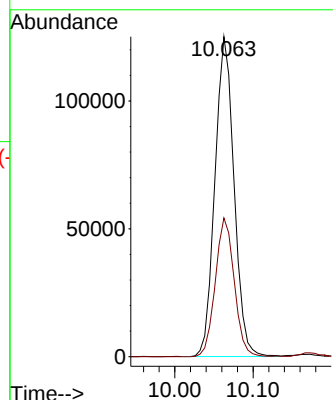
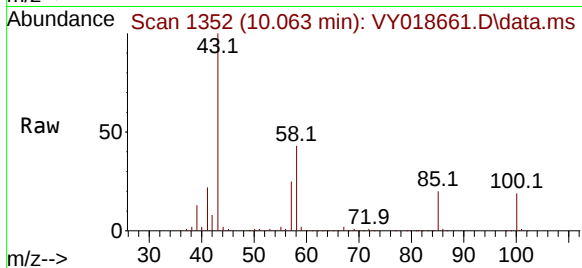
VSTDCCC050

Tgt Ion: 43 Resp: 212042

Ion Ratio Lower Upper

43 100

58 43.0 35.7 53.5



#52

Toluene

Concen: 48.068 ug/l

RT: 10.239 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018661.D

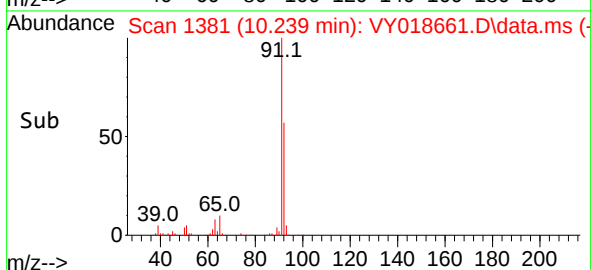
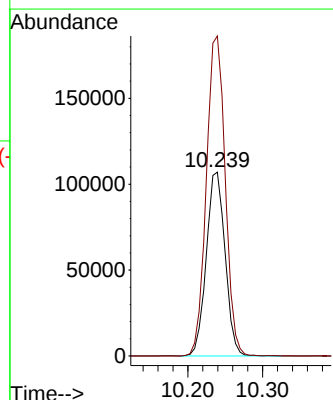
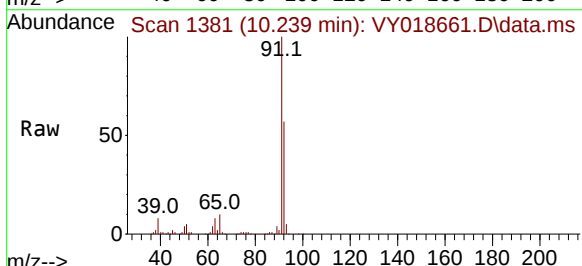
Acq: 21 Jun 2024 10:06

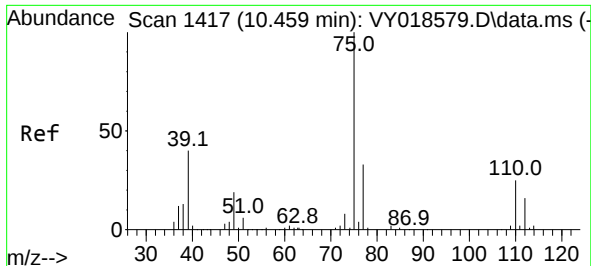
Tgt Ion: 92 Resp: 187127

Ion Ratio Lower Upper

92 100

91 174.8 139.0 208.6

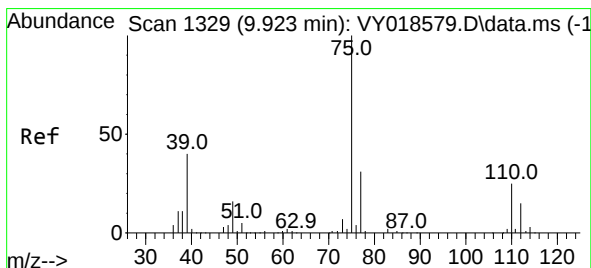
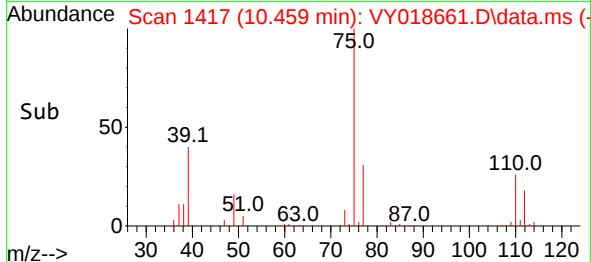
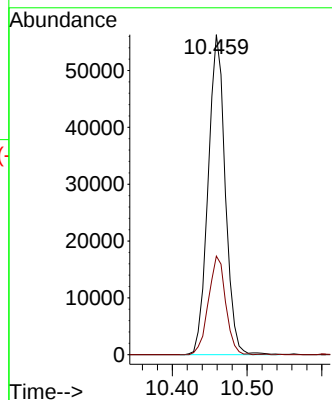
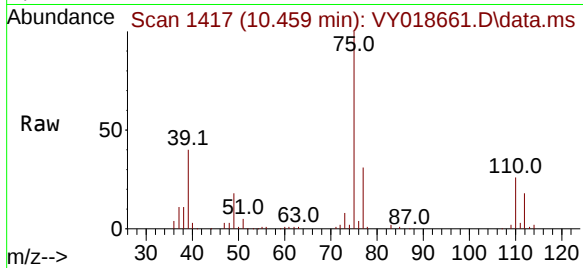




#53
t-1,3-Dichloropropene
Concen: 49.855 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

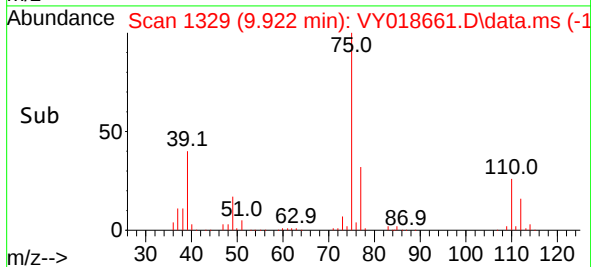
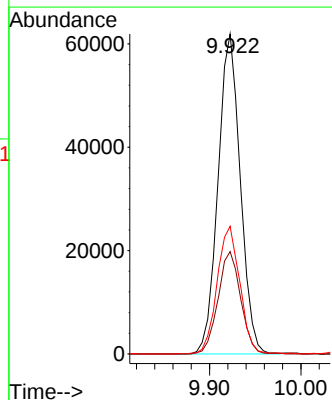
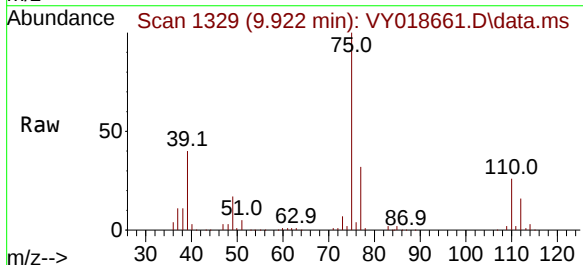
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

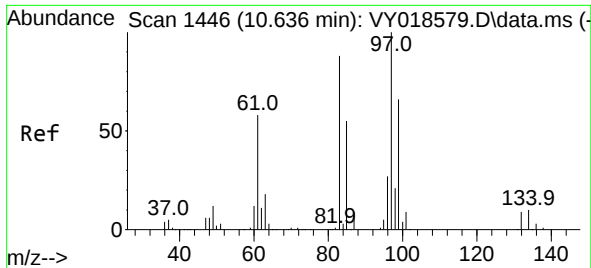
Tgt Ion: 75 Resp: 89457
Ion Ratio Lower Upper
75 100
77 30.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 48.394 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 75 Resp: 104791
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 39.8 29.8 44.6

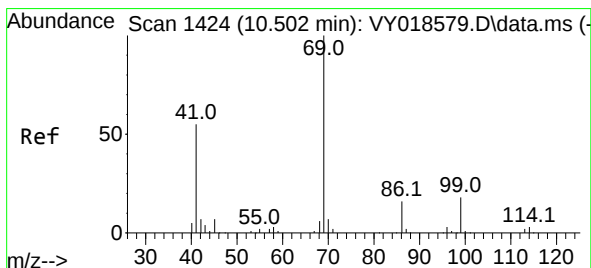
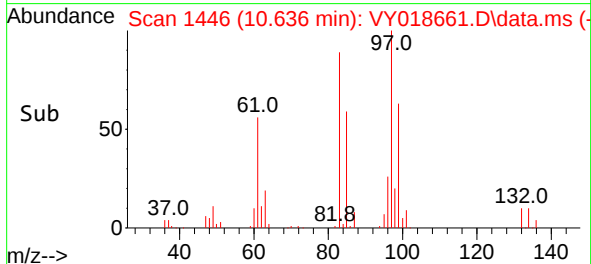
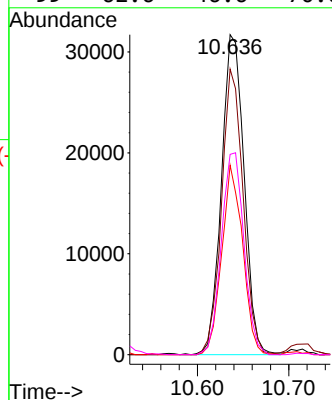
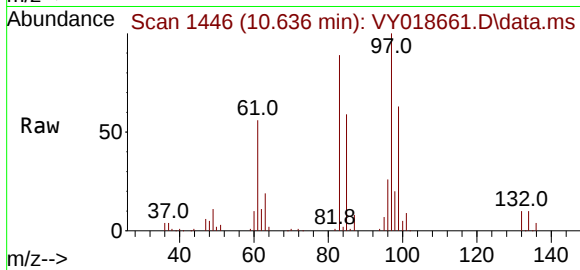




#55
1,1,2-Trichloroethane
Concen: 47.790 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

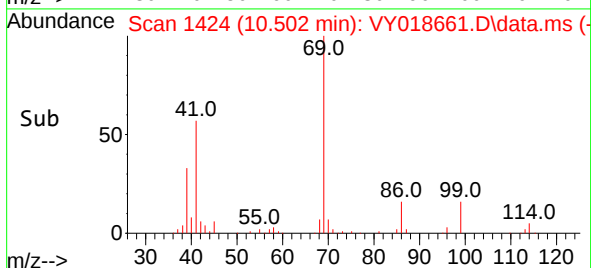
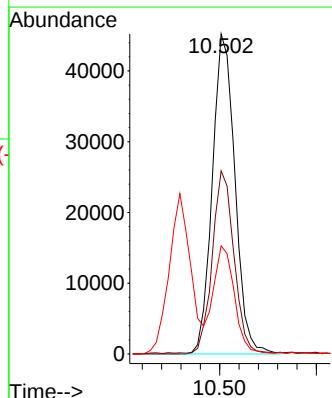
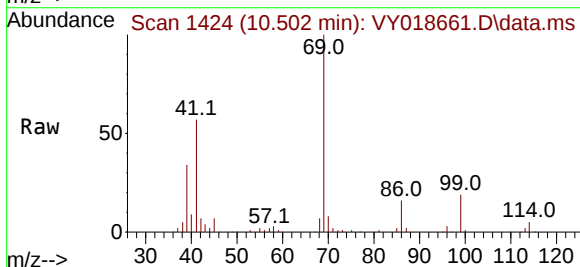
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

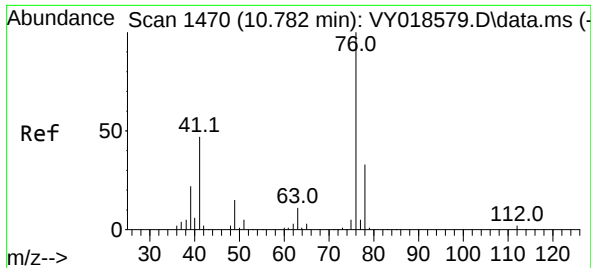
Tgt Ion:	97	Resp:	54684
Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.5	101.3
85	59.2	42.9	64.3
99	62.6	46.6	70.0



#56
Ethyl methacrylate
Concen: 49.014 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion:	69	Resp:	73390
Ion	Ratio	Lower	Upper
69	100		
41	55.0	42.3	63.5
39	31.1	22.9	34.3

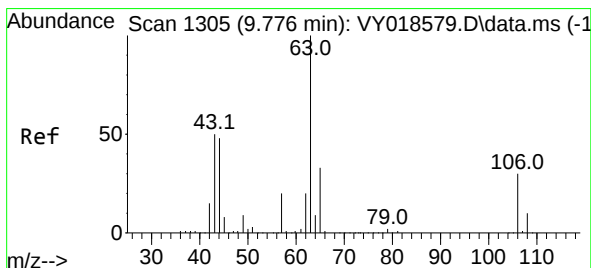
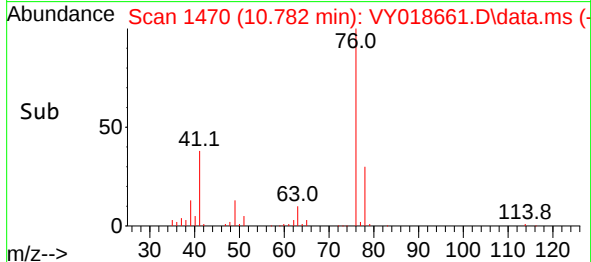
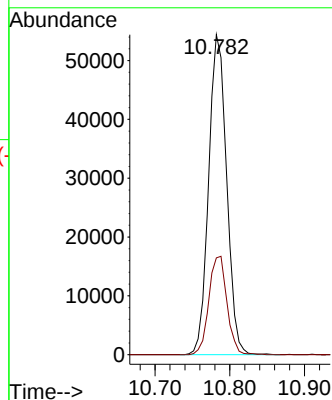
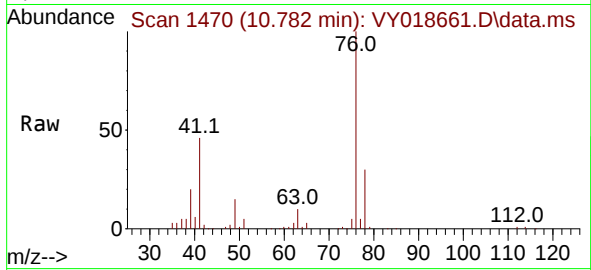




#57
1,3-Dichloropropane
Concen: 47.908 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

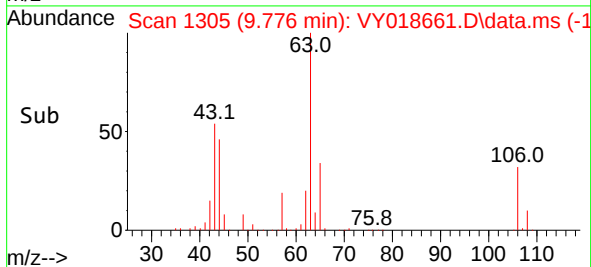
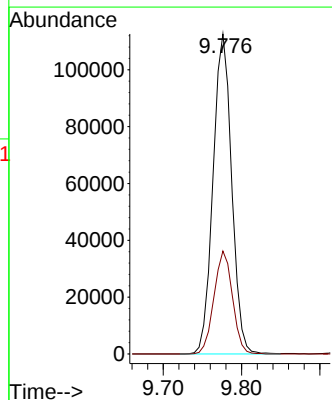
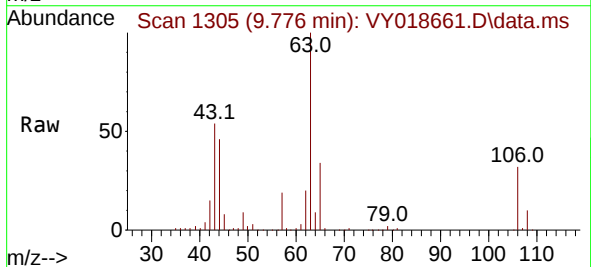
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

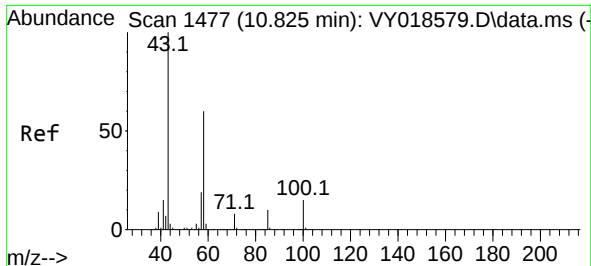
Tgt Ion: 76 Resp: 91063
Ion Ratio Lower Upper
76 100
78 30.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 257.071 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 63 Resp: 185823
Ion Ratio Lower Upper
63 100
106 32.0 23.7 35.5

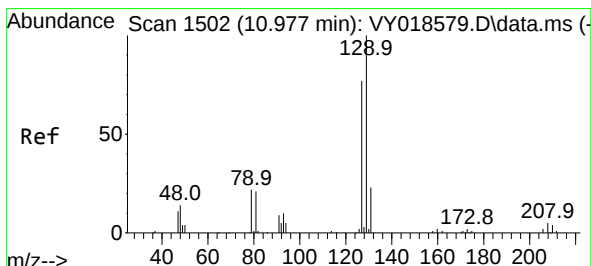
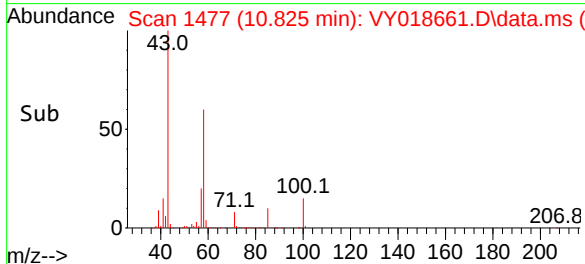
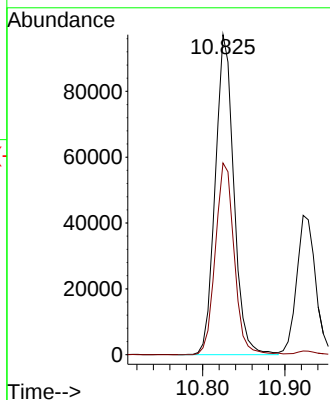
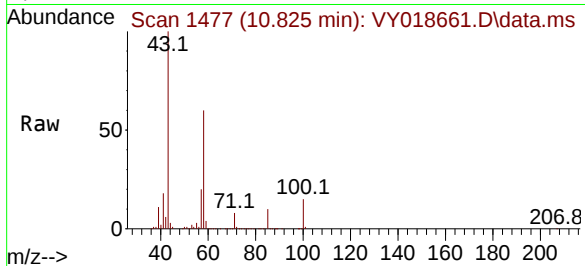




#59
2-Hexanone
Concen: 239.387 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

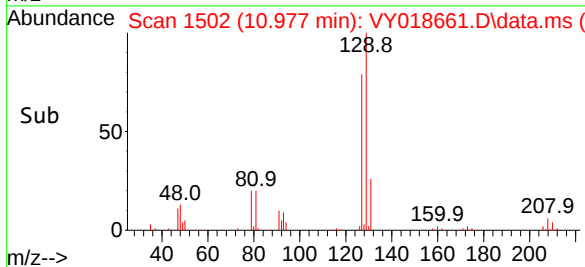
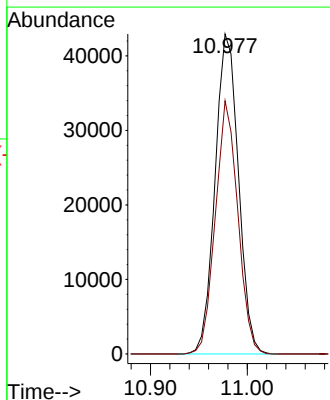
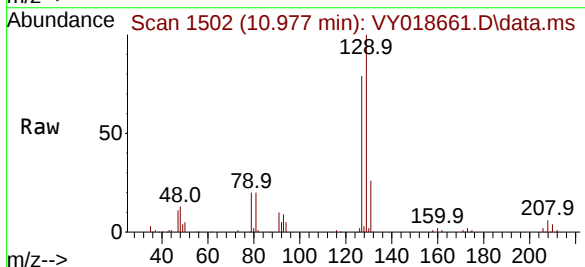
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

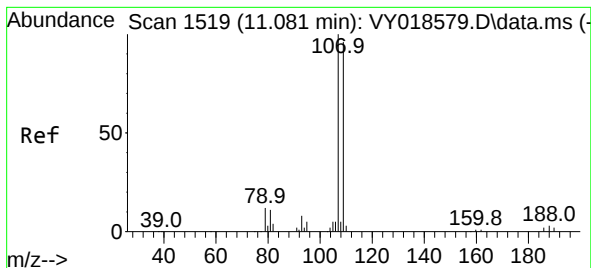
Tgt Ion: 43 Resp: 152365
Ion Ratio Lower Upper
43 100
58 60.8 31.4 94.0



#60
Dibromochloromethane
Concen: 50.661 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 129 Resp: 72011
Ion Ratio Lower Upper
129 100
127 76.1 39.0 117.0

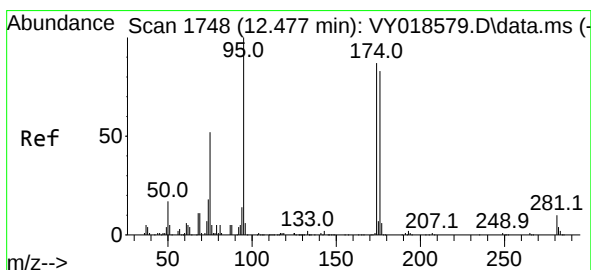
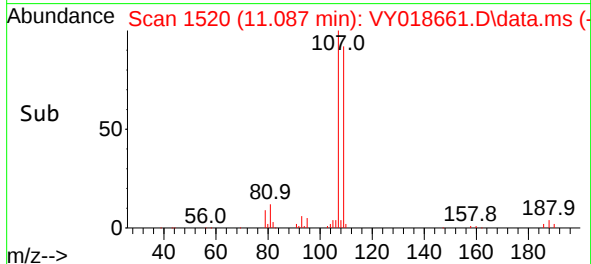
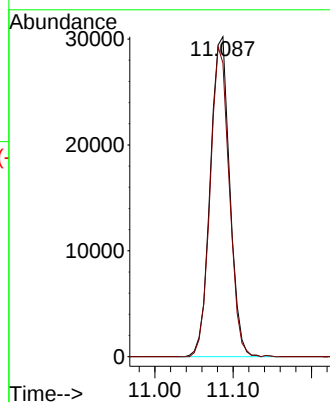
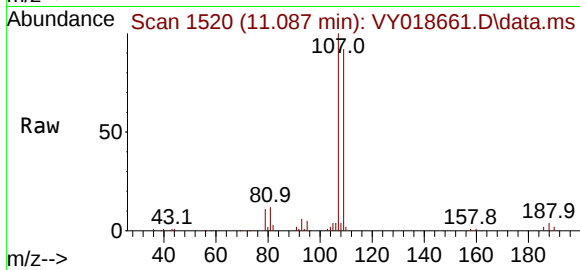




#61
1,2-Dibromoethane
Concen: 49.367 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

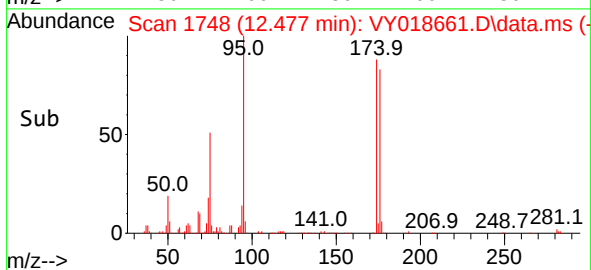
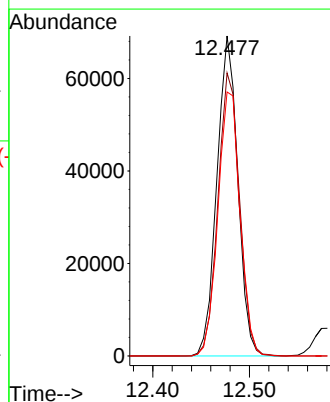
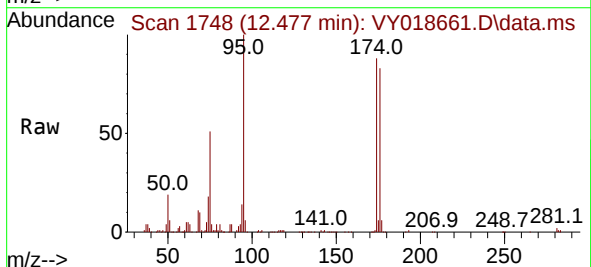
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

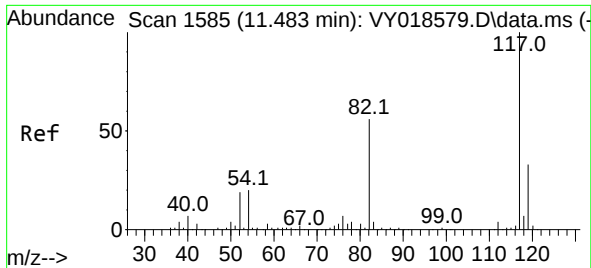
Tgt Ion:107 Resp: 52205
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 59.948 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 95 Resp: 103692
Ion Ratio Lower Upper
95 100
174 91.4 0.0 175.6
176 87.5 0.0 171.4

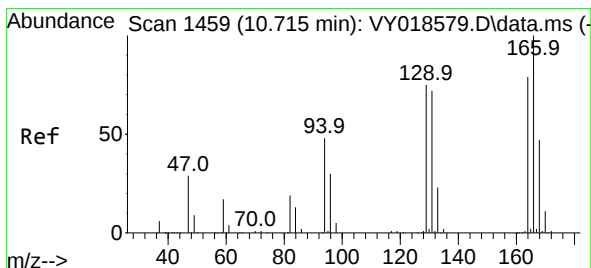
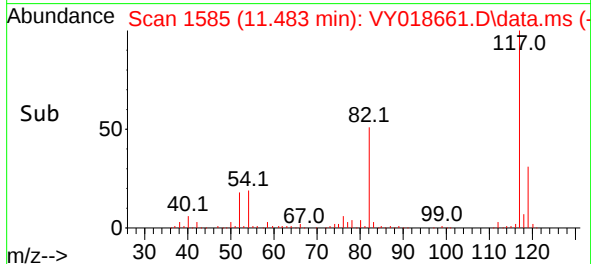
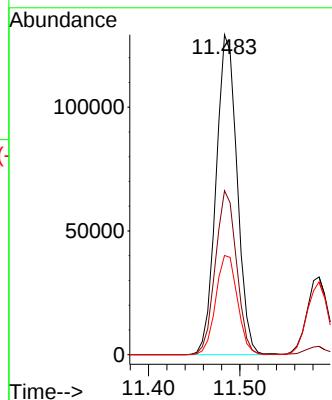
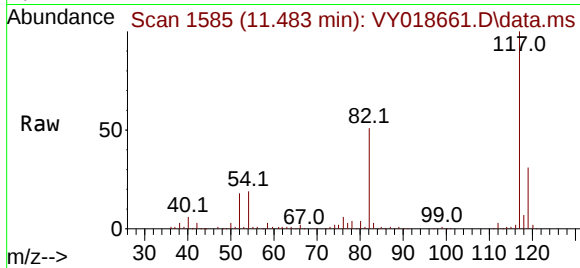




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

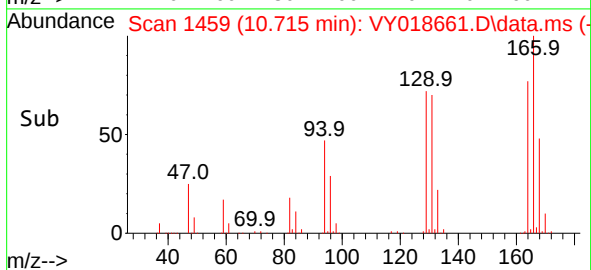
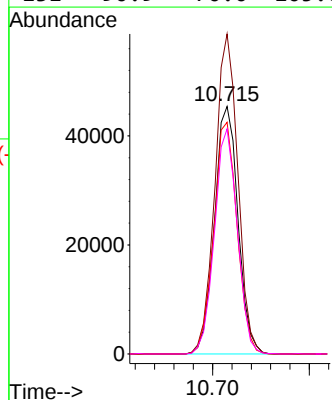
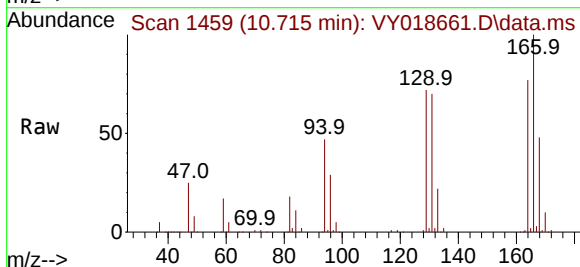
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

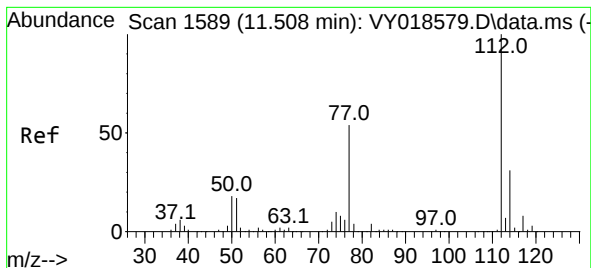
Tgt Ion:117 Resp: 207257
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 31.0 25.9 38.9



#64
Tetrachloroethene
Concen: 51.889 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion:164 Resp: 76705
Ion Ratio Lower Upper
164 100
166 129.3 102.6 154.0
129 93.6 72.0 108.0
131 90.9 70.0 105.0

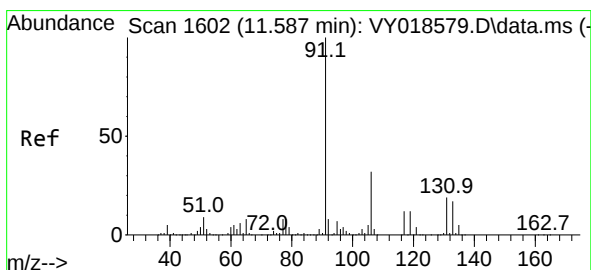
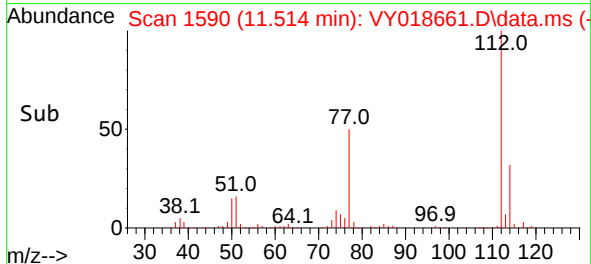
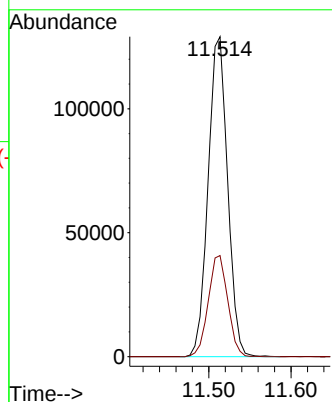
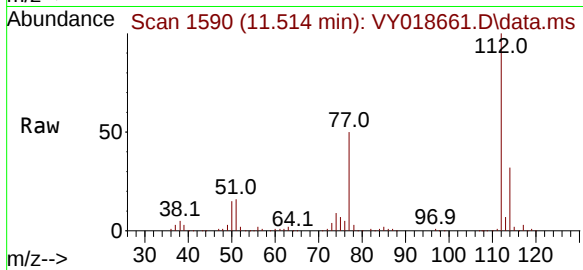




#65
Chlorobenzene
Concen: 49.595 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

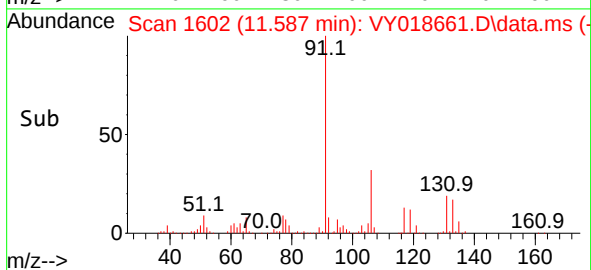
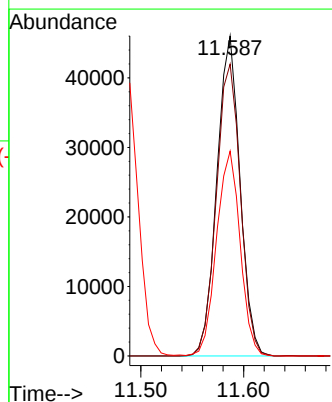
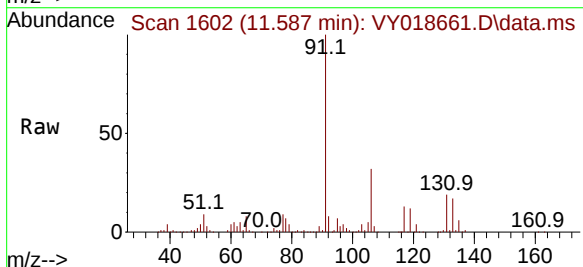
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

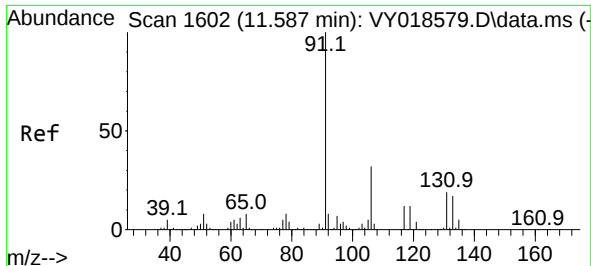
Tgt Ion:112 Resp: 212340
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.121 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion:131 Resp: 71913
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 65.2 34.1 102.2





#67

Ethyl Benzene

Concen: 49.450 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

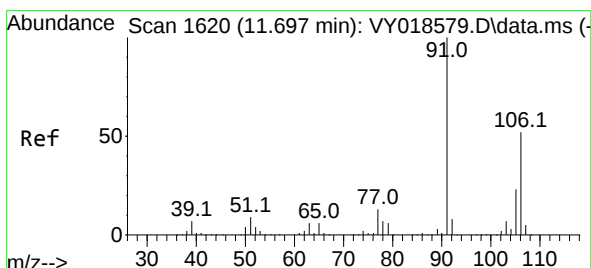
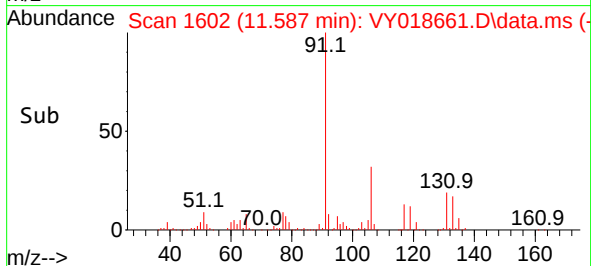
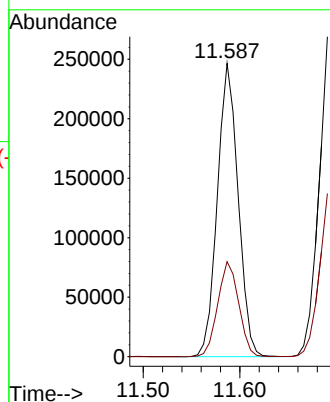
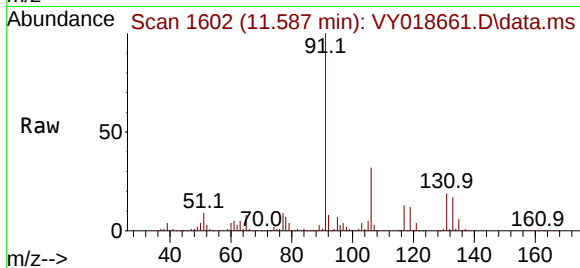
VSTDCCC050

Tgt Ion: 91 Resp: 367362

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 100.743 ug/l

RT: 11.696 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY018661.D

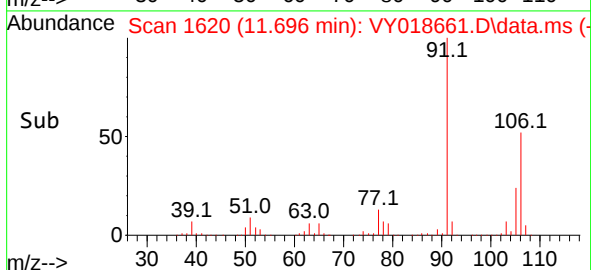
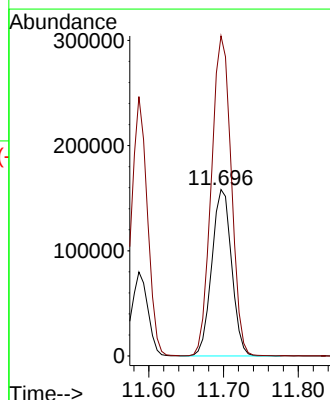
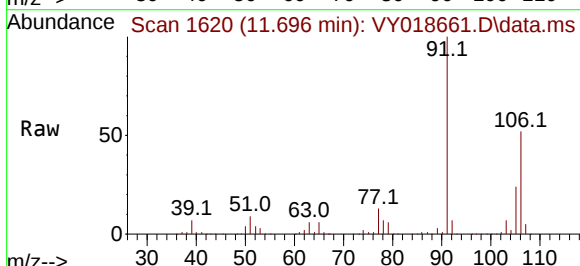
Acq: 21 Jun 2024 10:06

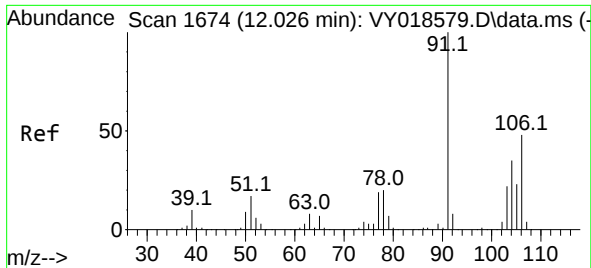
Tgt Ion:106 Resp: 291220

Ion Ratio Lower Upper

106 100

91 193.2 156.0 234.0

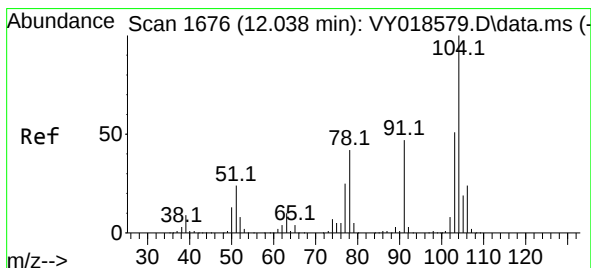
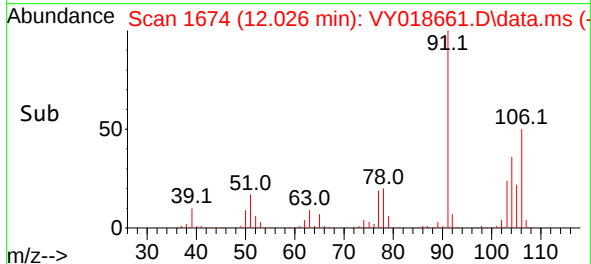
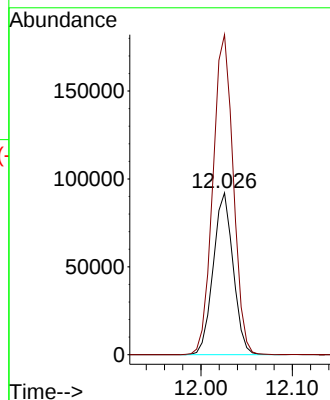
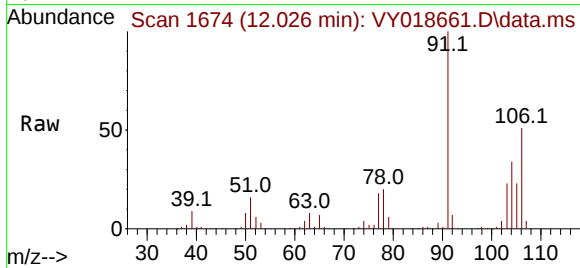




#69
o-Xylene
Concen: 50.089 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

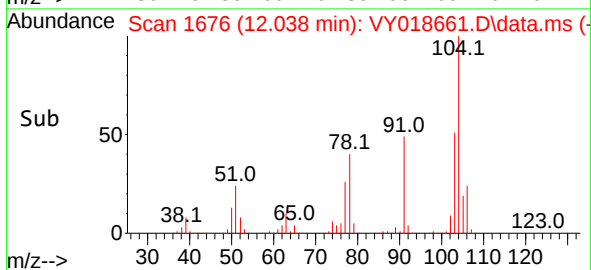
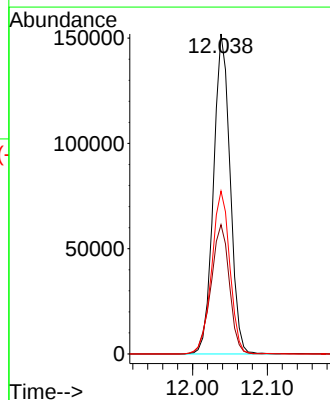
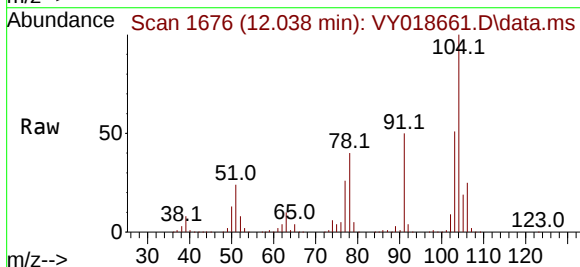
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

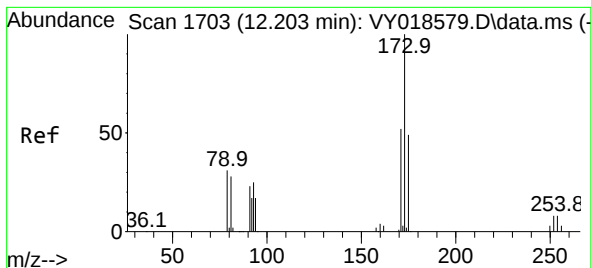
Tgt Ion:106 Resp: 139238
Ion Ratio Lower Upper
106 100
91 202.1 103.6 310.8



#70
Styrene
Concen: 51.151 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion:104 Resp: 234901
Ion Ratio Lower Upper
104 100
78 44.8 37.0 55.4
103 55.3 44.2 66.2





#71

Bromoform

Concen: 51.830 ug/l

RT: 12.202 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

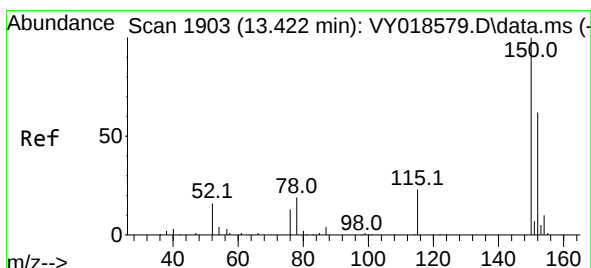
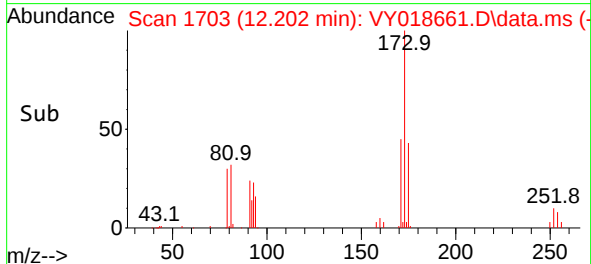
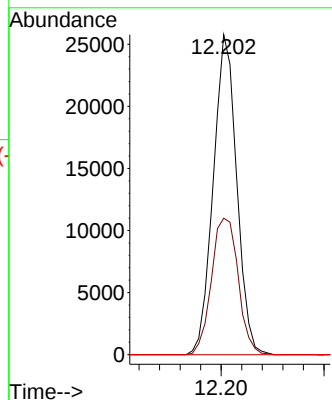
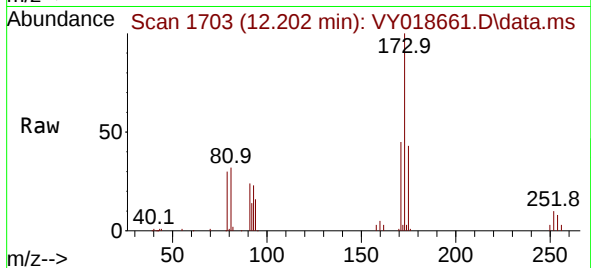
Tgt Ion:173 Resp: 40805

Ion Ratio Lower Upper

173 100

175 48.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

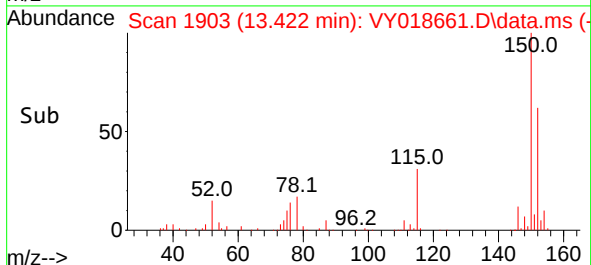
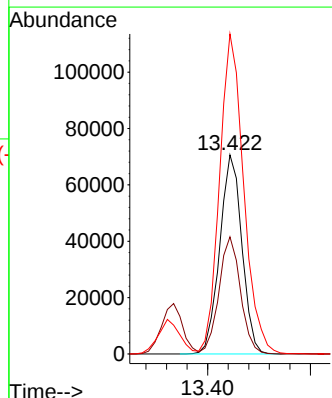
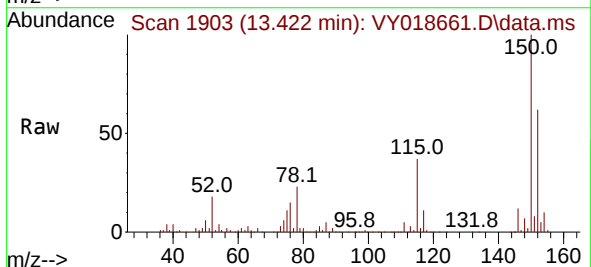
Tgt Ion:152 Resp: 105655

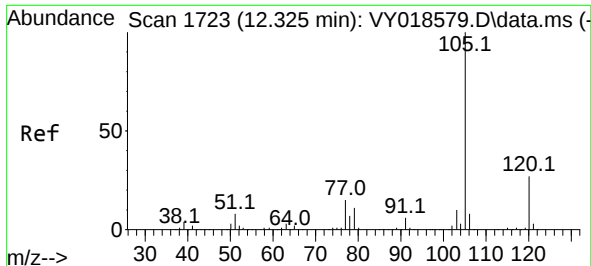
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 174.7 0.0 345.6

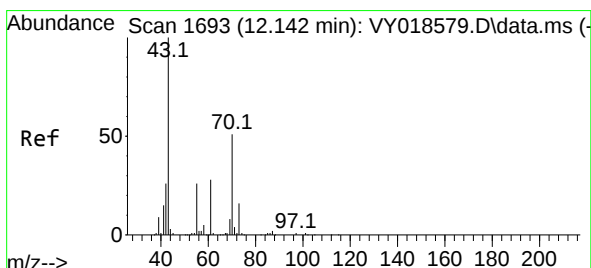
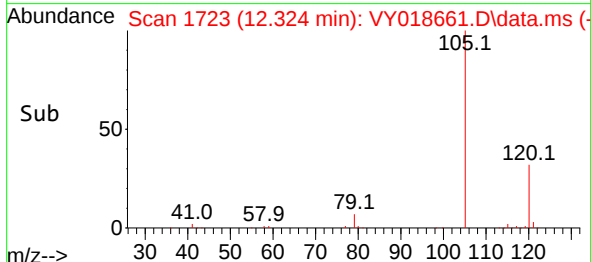
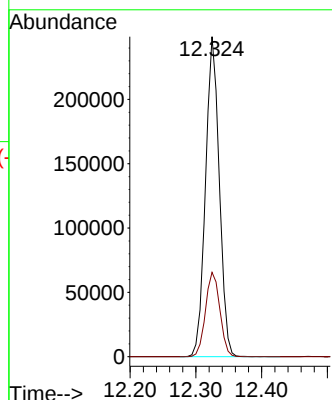
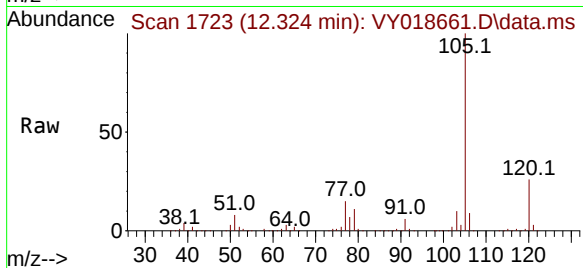




#73
Isopropylbenzene
Concen: 46.943 ug/l
RT: 12.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

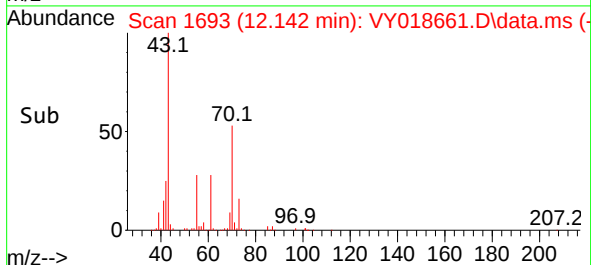
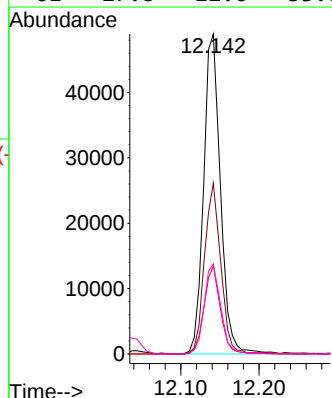
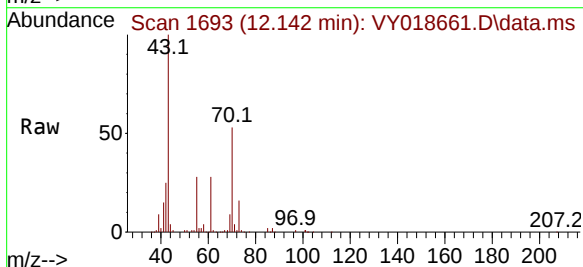
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

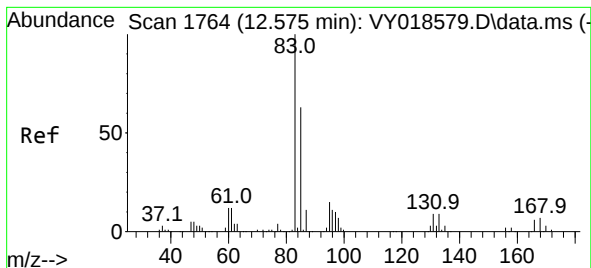
Tgt Ion:105 Resp: 362175
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#74
N-ethyl acetate
Concen: 46.221 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 43 Resp: 73024
Ion Ratio Lower Upper
43 100
70 51.4 41.4 62.2
55 26.4 23.3 34.9
61 27.8 22.6 33.8

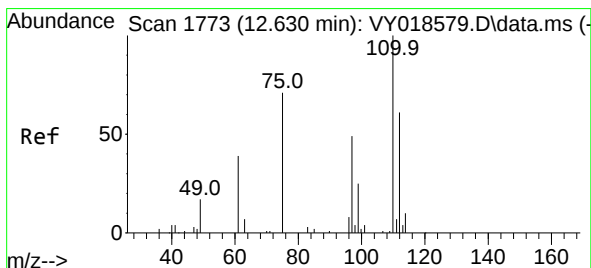
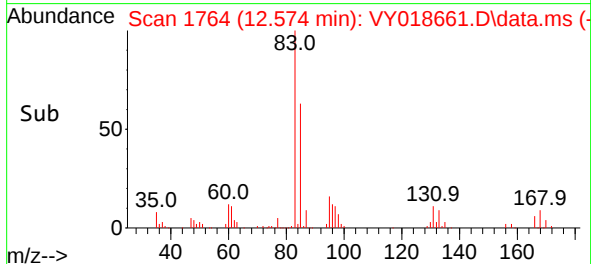
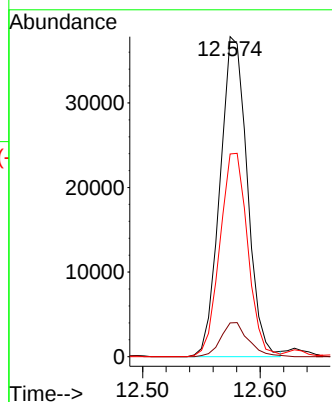
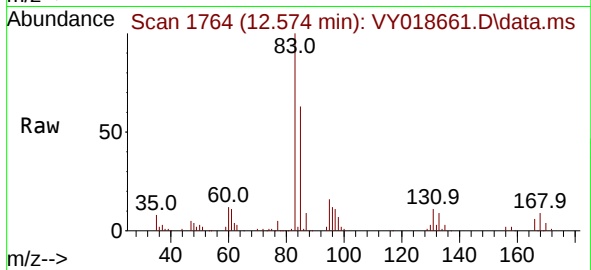




#75
1,1,2,2-Tetrachloroethane
Concen: 44.575 ug/l
RT: 12.574 min Scan# 1764
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

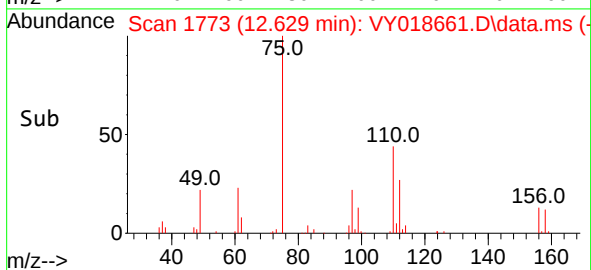
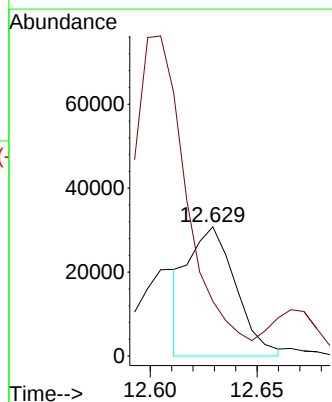
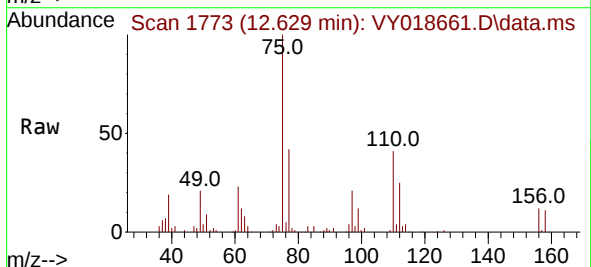
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

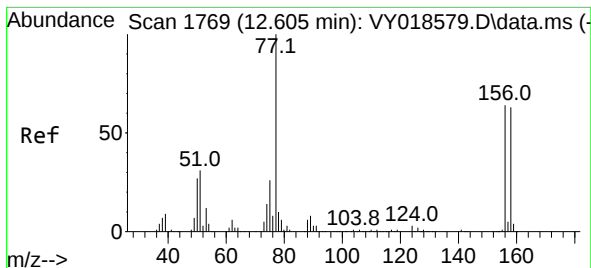
Tgt Ion: 83 Resp: 61064
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 65.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 47.704 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 75 Resp: 47279
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.089 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

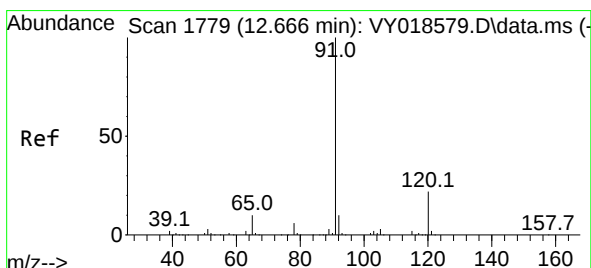
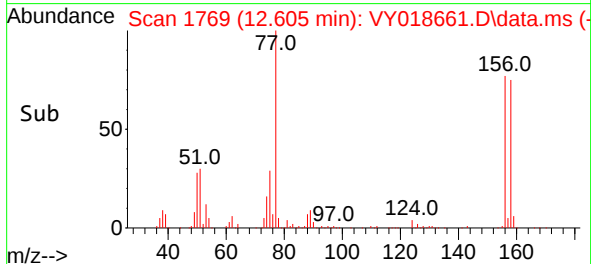
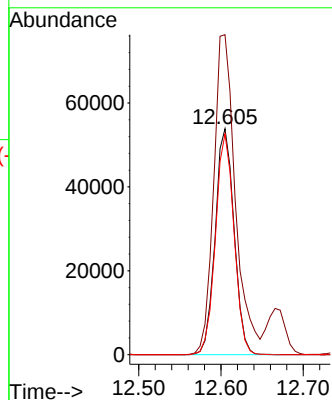
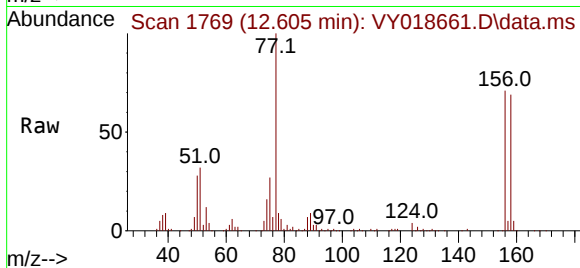
Tgt Ion:156 Resp: 85802

Ion Ratio Lower Upper

156 100

77 162.9 87.1 261.3

158 95.9 48.6 145.9



#78

n-propylbenzene

Concen: 47.817 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY018661.D

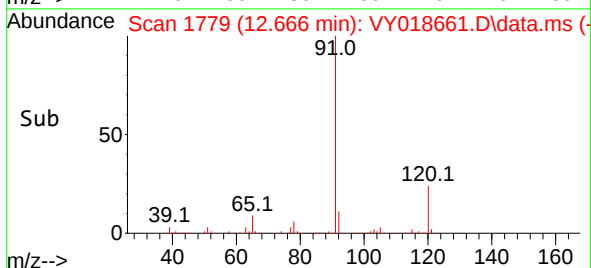
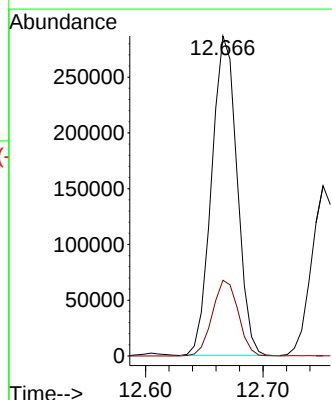
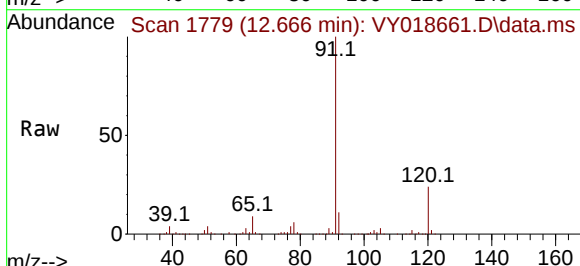
Acq: 21 Jun 2024 10:06

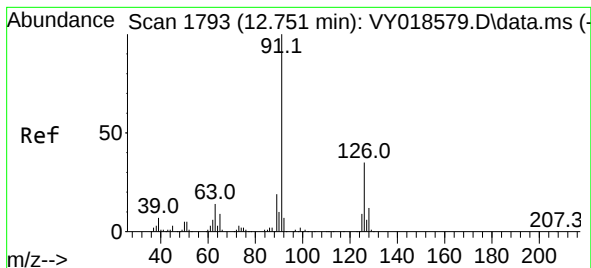
Tgt Ion: 91 Resp: 431750

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4

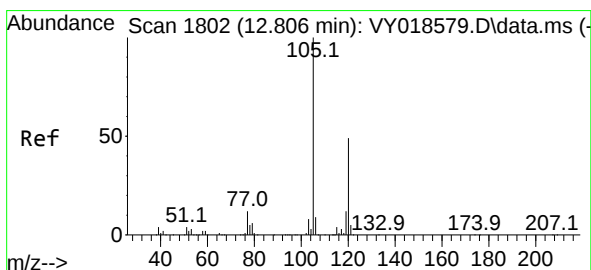
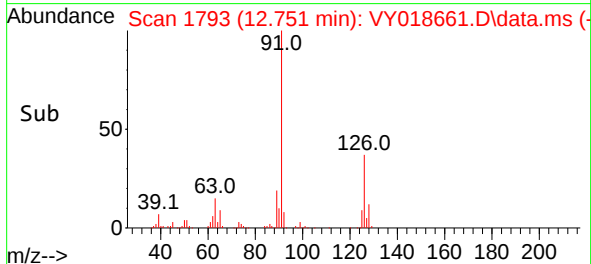
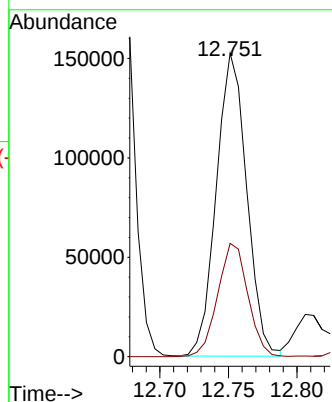
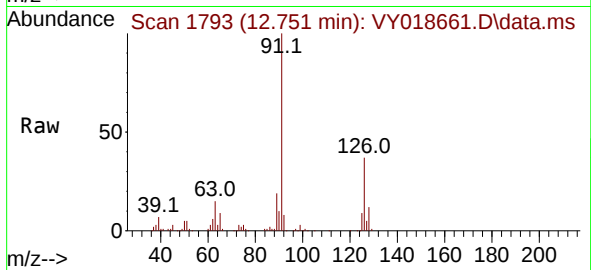




#79
2-Chlorotoluene
Concen: 46.115 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

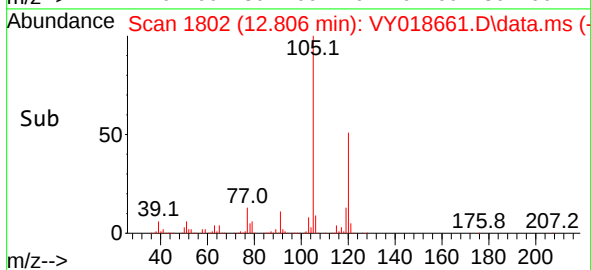
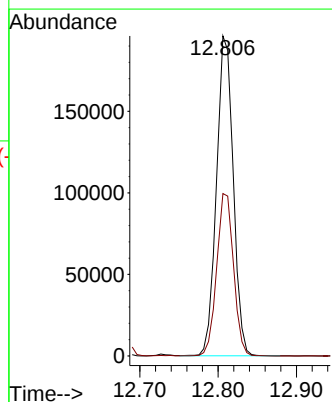
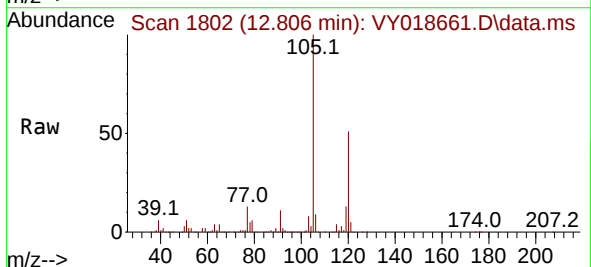
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

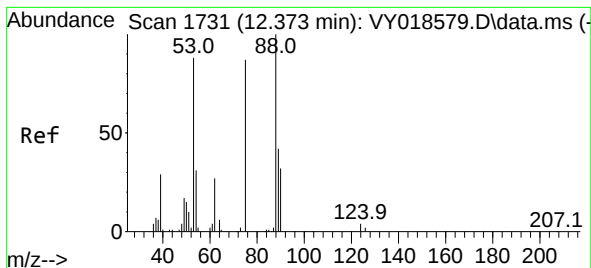
Tgt Ion: 91 Resp: 235042
Ion Ratio Lower Upper
91 100
126 37.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 47.738 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 105 Resp: 291903
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.2

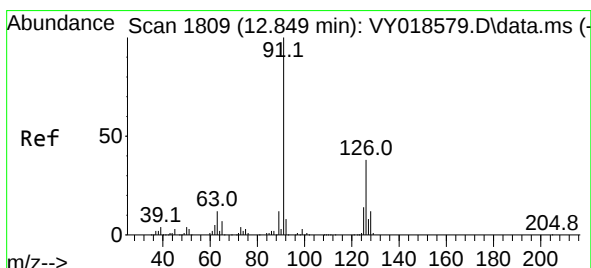
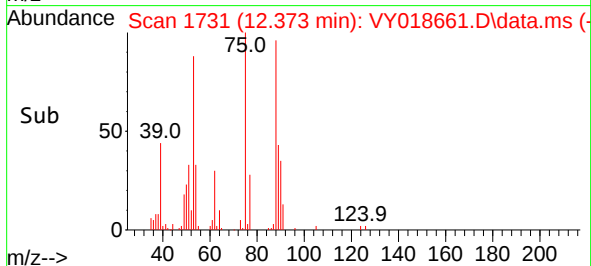
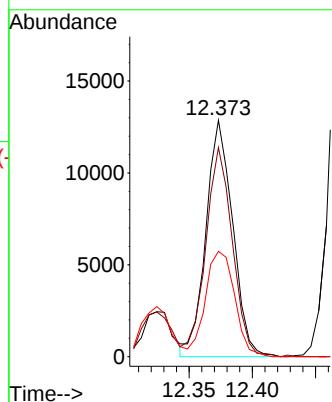
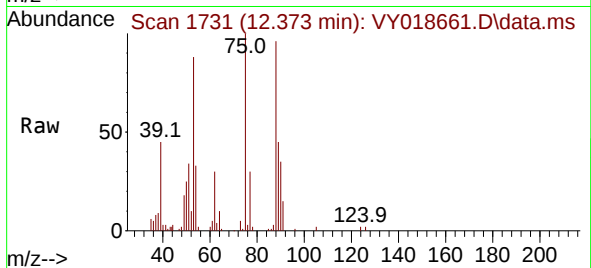




#81
trans-1,4-Dichloro-2-butene
Concen: 50.105 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

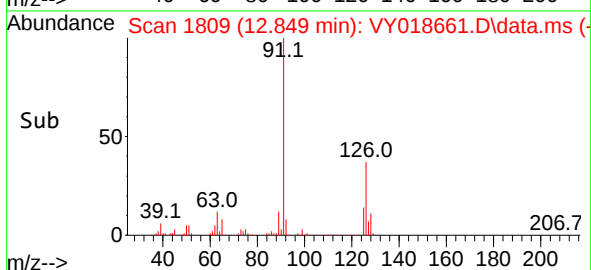
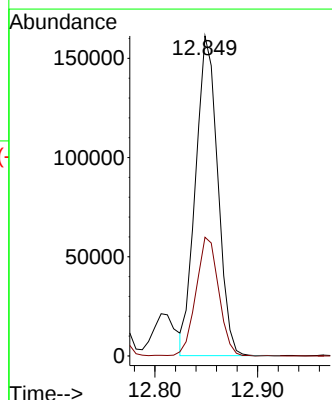
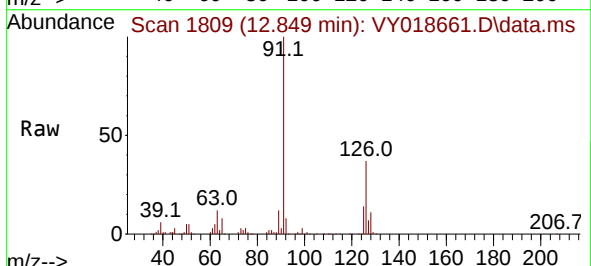
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

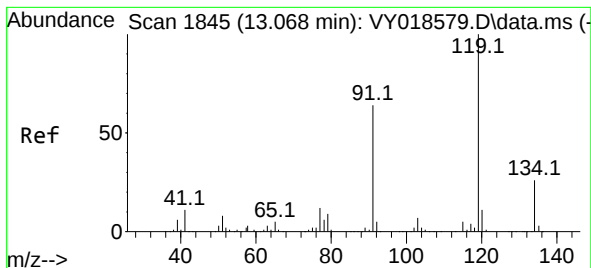
Tgt Ion: 75 Resp: 18958
Ion Ratio Lower Upper
75 100
53 88.5 66.8 100.2
89 48.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.102 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY018661.D
Acq: 21 Jun 2024 10:06

Tgt Ion: 91 Resp: 241753
Ion Ratio Lower Upper
91 100
126 38.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.497 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

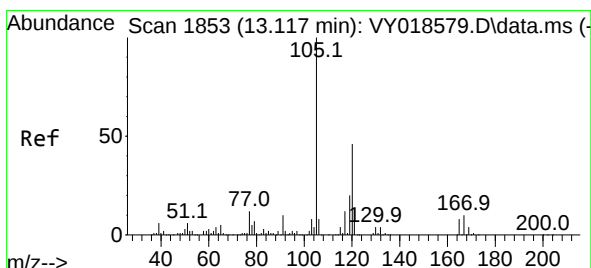
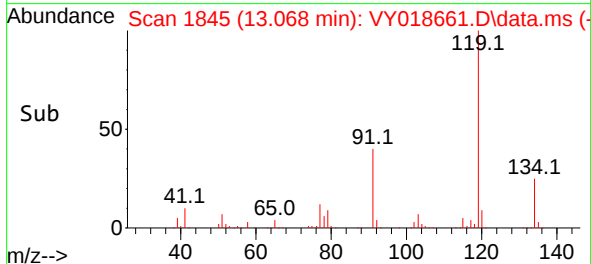
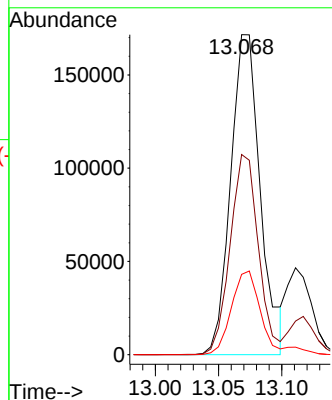
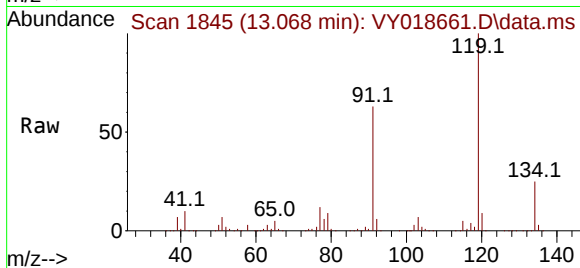
Tgt Ion:119 Resp: 280117

Ion Ratio Lower Upper

119 100

91 59.9 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 47.645 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018661.D

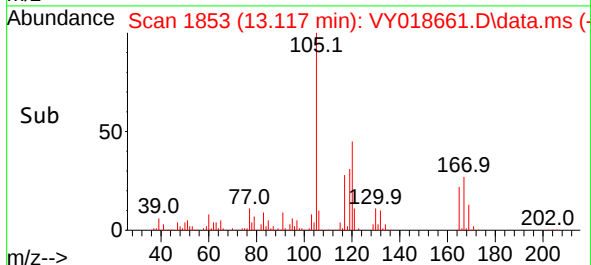
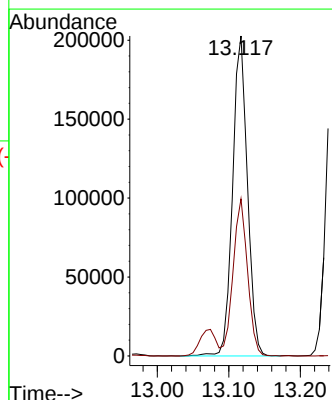
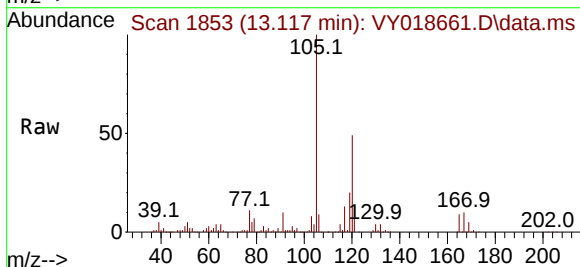
Acq: 21 Jun 2024 10:06

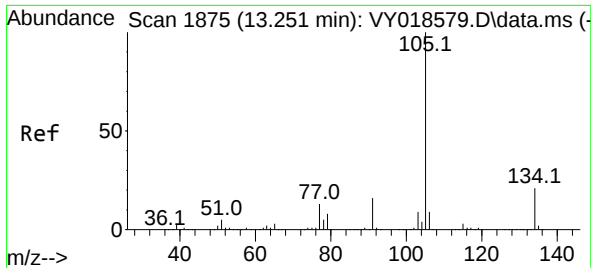
Tgt Ion:105 Resp: 291184

Ion Ratio Lower Upper

105 100

120 48.1 23.2 69.6

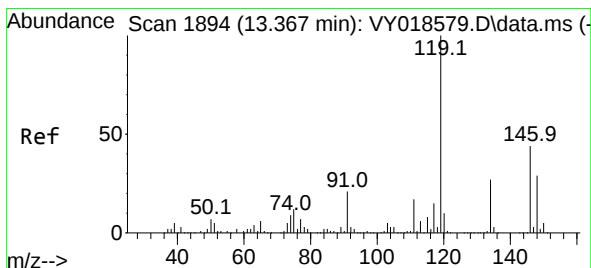
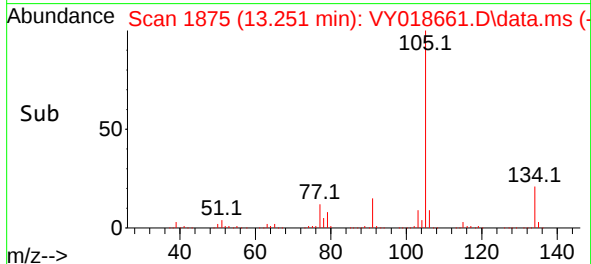
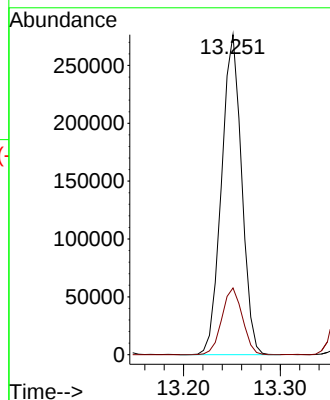
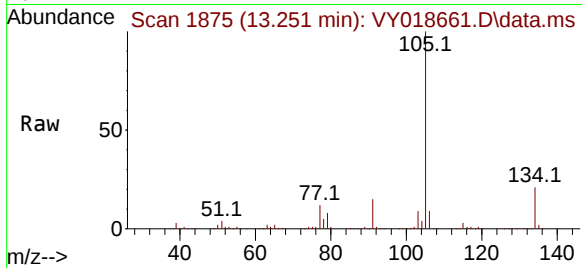




#85
 sec-Butylbenzene
 Concen: 49.447 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY018661.D
 Acq: 21 Jun 2024 10:06

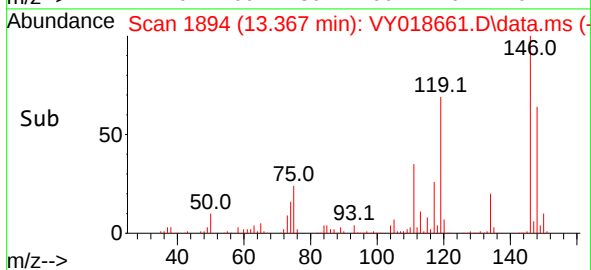
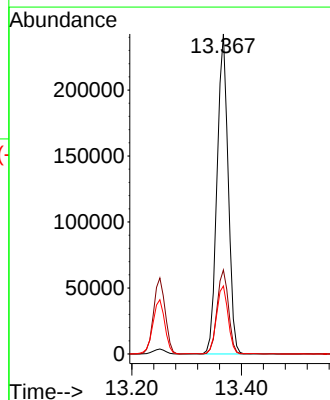
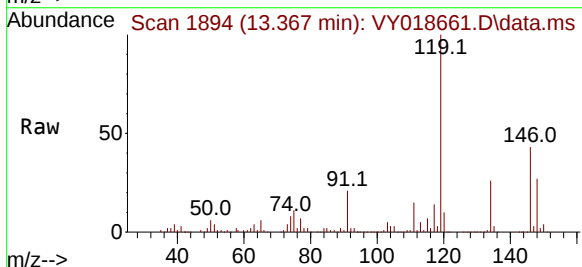
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

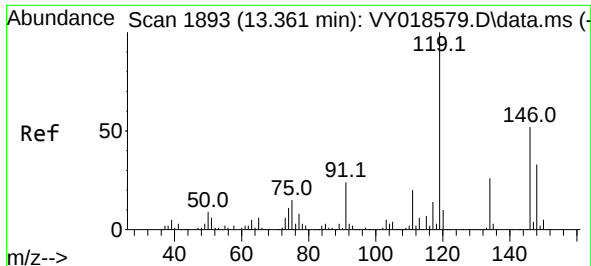
Tgt Ion:105 Resp: 399106
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.730 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY018661.D
 Acq: 21 Jun 2024 10:06

Tgt Ion:119 Resp: 340294
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.579 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

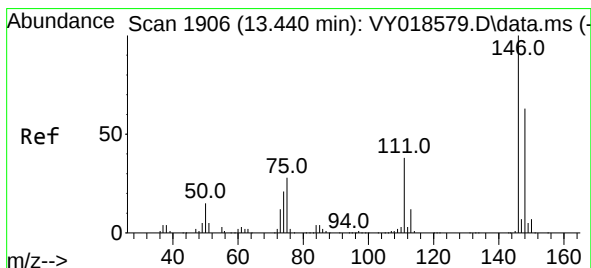
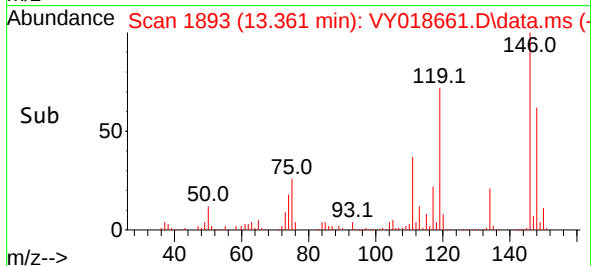
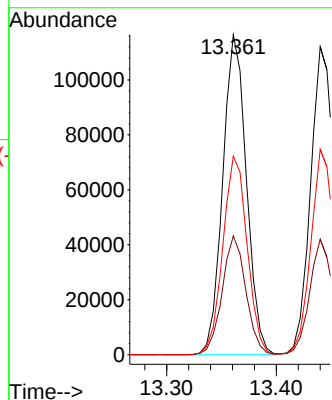
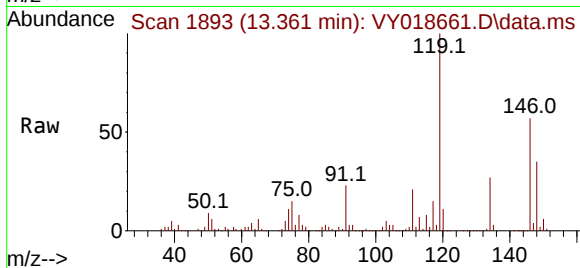
Tgt Ion:146 Resp: 174827

Ion Ratio Lower Upper

146 100

111 37.0 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.663 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

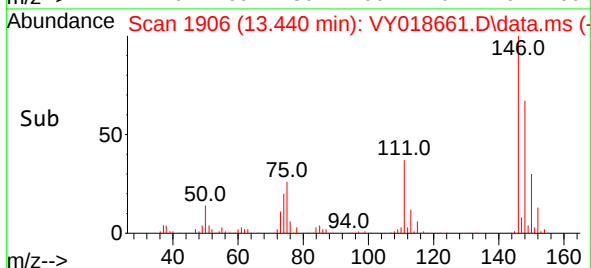
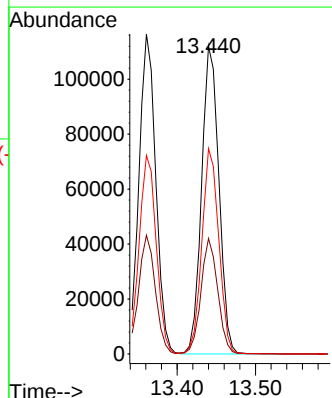
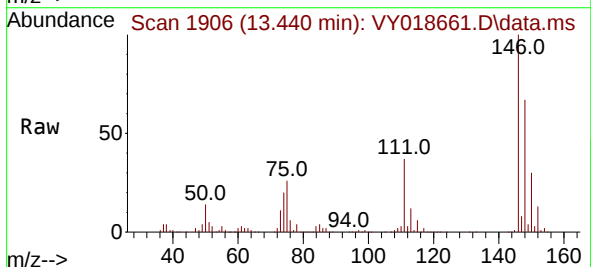
Tgt Ion:146 Resp: 171854

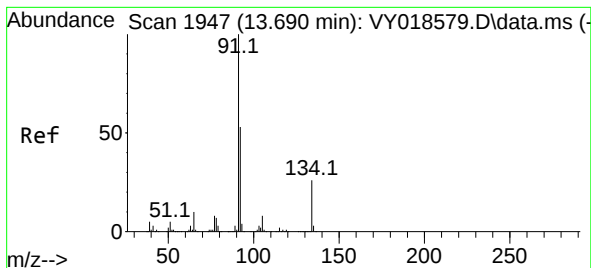
Ion Ratio Lower Upper

146 100

111 36.3 18.4 55.4

148 65.4 32.4 97.2





#89

n-Butylbenzene

Concen: 49.898 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

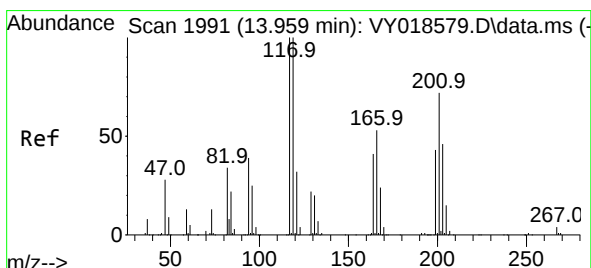
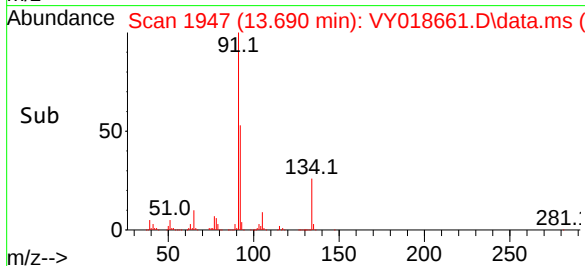
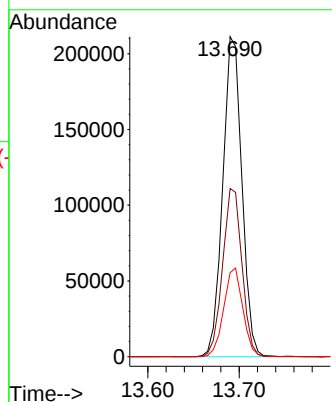
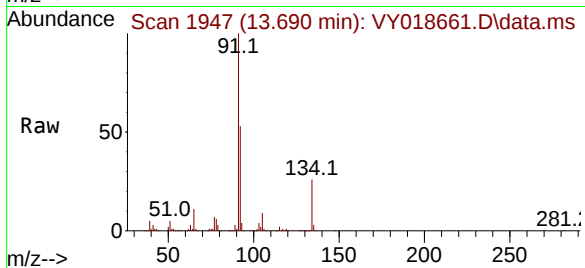
Tgt Ion: 91 Resp: 307757

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 27.7 12.9 38.7



#90

Hexachloroethane

Concen: 52.142 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018661.D

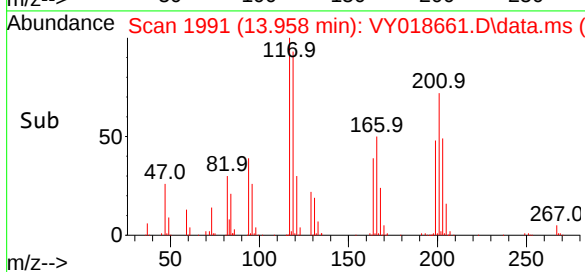
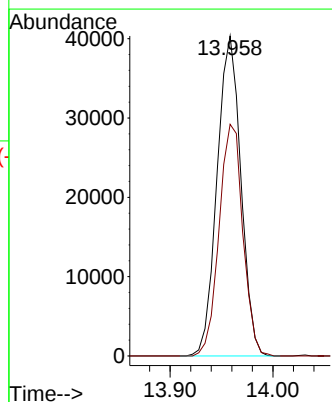
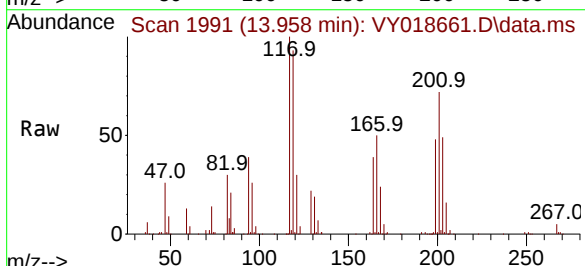
Acq: 21 Jun 2024 10:06

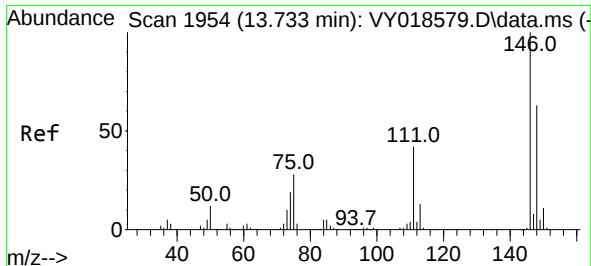
Tgt Ion: 117 Resp: 64816

Ion Ratio Lower Upper

117 100

201 72.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 48.782 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

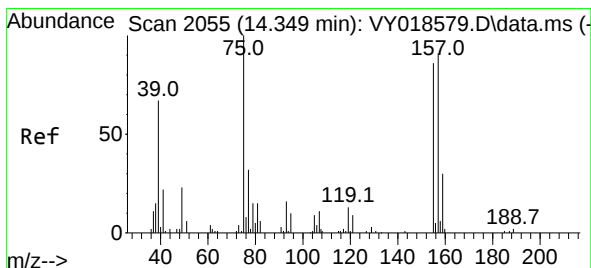
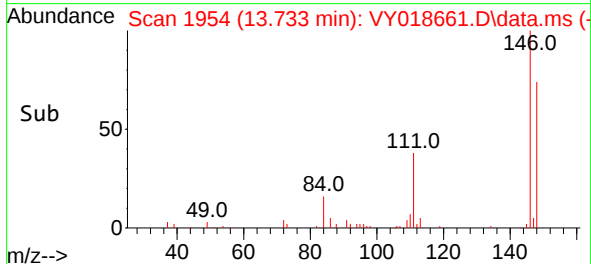
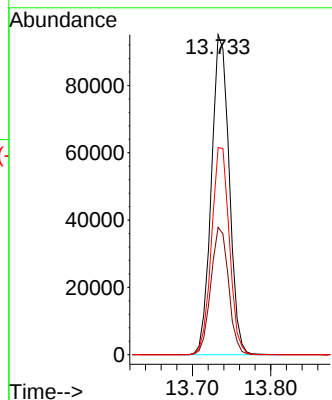
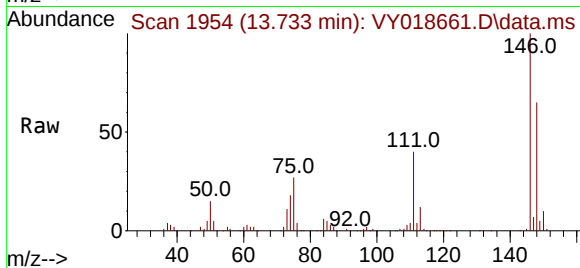
Tgt Ion:146 Resp: 149969

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 65.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.910 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

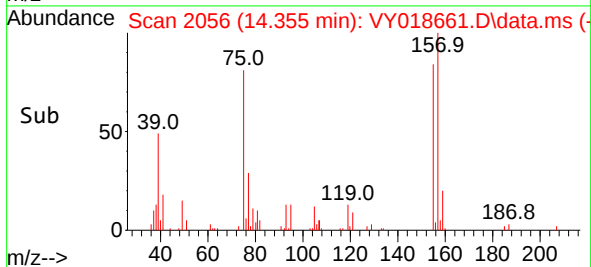
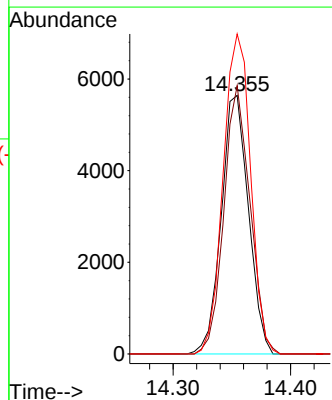
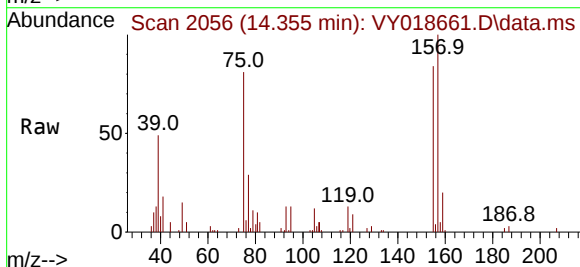
Tgt Ion: 75 Resp: 9107

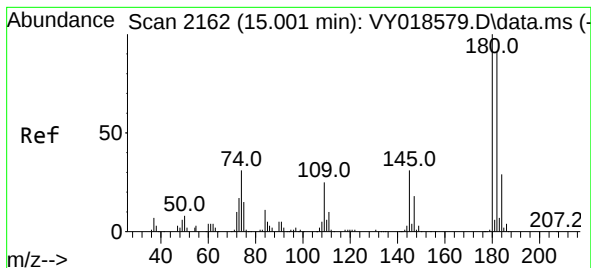
Ion Ratio Lower Upper

75 100

155 99.3 48.6 145.8

157 124.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.082 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

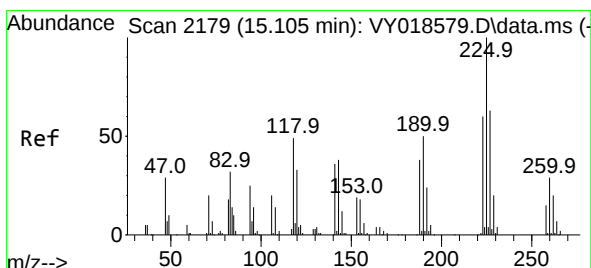
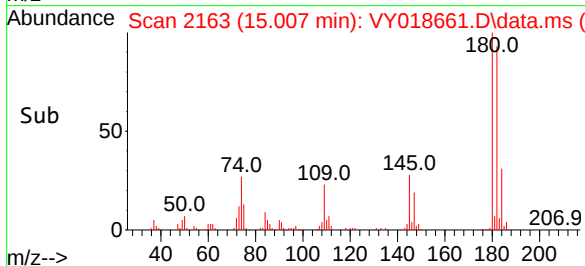
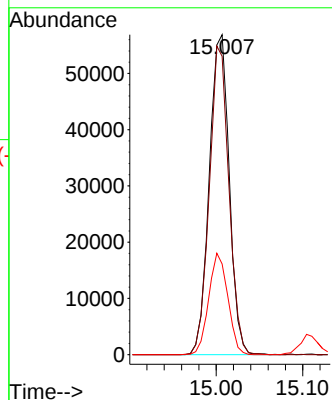
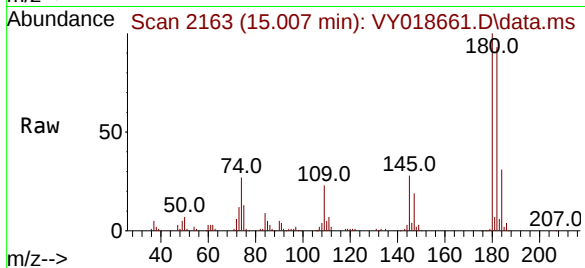
Tgt Ion:180 Resp: 90917

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 30.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 56.637 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

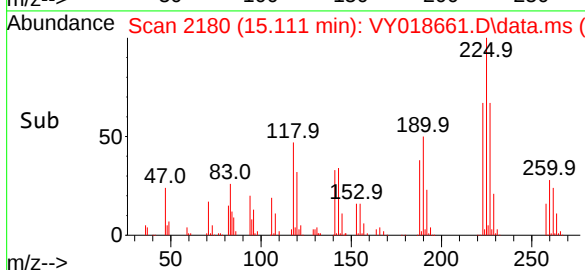
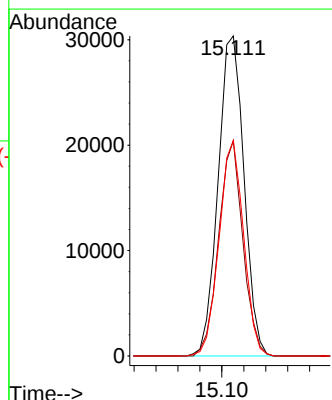
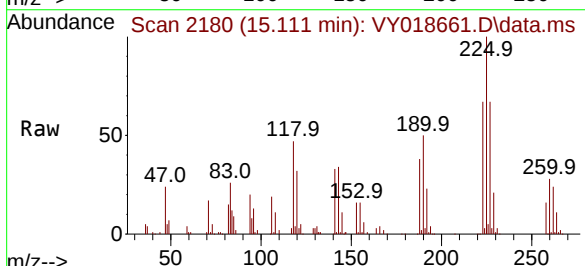
Tgt Ion:225 Resp: 49842

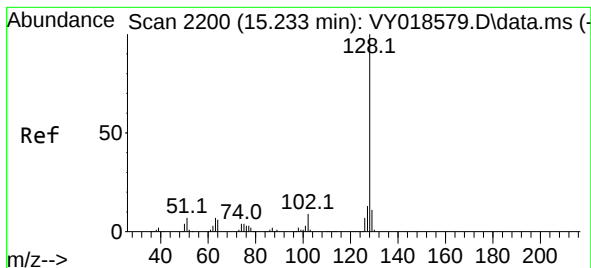
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 52.964 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

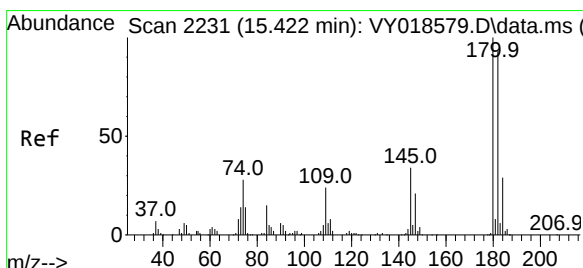
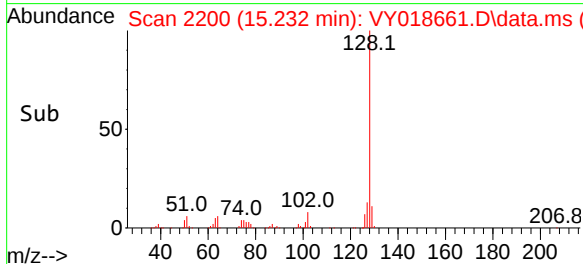
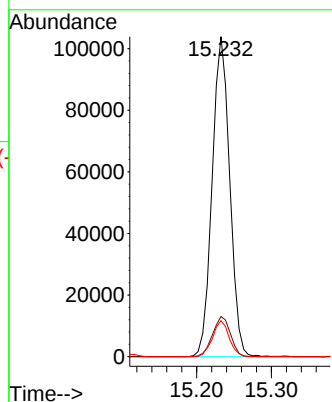
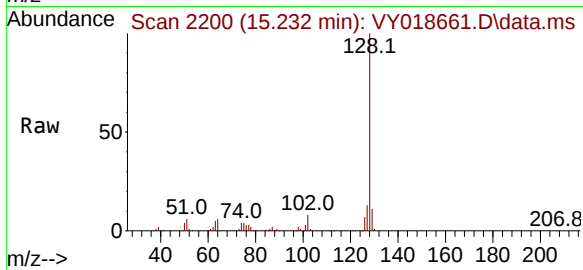
Tgt Ion:128 Resp: 169521

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.757 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018661.D

Acq: 21 Jun 2024 10:06

Tgt Ion:180 Resp: 77794

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

145 32.0 15.4 46.1

