

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018636.D
 Acq On : 19 Jun 2024 10:55
 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 20 02:07:02 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	7.777	168	154035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	256003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	231297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	70244	45.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.600%
35) Dibromofluoromethane	7.703	113	75773	48.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.172	98	286161	47.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.477	95	93899	49.514	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.893	85	43296	42.677	ug/l	98
3) Chloromethane	2.101	50	98087	46.944	ug/l	95
4) Vinyl Chloride	2.235	62	116789	45.134	ug/l	99
5) Bromomethane	2.637	94	83655	43.495	ug/l	99
6) Chloroethane	2.777	64	77488	45.713	ug/l	97
7) Trichlorofluoromethane	3.101	101	135761	48.722	ug/l	92
8) Diethyl Ether	3.509	74	37357	47.019	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.875	101	69321	47.614	ug/l	97
10) Methyl Iodide	4.070	142	79268	45.099	ug/l	97
11) Tert butyl alcohol	4.948	59	24188	86.711	ug/l #	79
12) 1,1-Dichloroethene	3.850	96	65885	45.031	ug/l	92
13) Acrolein	3.716	56	19582	218.351	ug/l	98
14) Allyl chloride	4.460	41	93767	47.538	ug/l	97
15) Acrylonitrile	5.143	53	80711	228.356	ug/l	99
16) Acetone	3.930	43	79450	251.810	ug/l	89
17) Carbon Disulfide	4.174	76	188558	42.827	ug/l	99
18) Methyl Acetate	4.460	43	37954	47.425	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	175272	44.908	ug/l	97
20) Methylene Chloride	4.698	84	83652	41.496	ug/l	98
21) trans-1,2-Dichloroethene	5.198	96	78740	47.276	ug/l	97
22) Diisopropyl ether	6.100	45	213873	48.030	ug/l	93
23) Vinyl Acetate	6.039	43	848353	205.700	ug/l	99
24) 1,1-Dichloroethane	5.996	63	132966	46.349	ug/l	99
25) 2-Butanone	6.972	43	108875	230.207	ug/l	95
26) 2,2-Dichloropropane	6.966	77	108179	44.758	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	93163	46.309	ug/l	98
28) Bromochloromethane	7.319	49	52957	45.038	ug/l	96
29) Tetrahydrofuran	7.332	42	65520	225.747	ug/l	96
30) Chloroform	7.496	83	143059	45.758	ug/l	99
31) Cyclohexane	7.770	56	106743	44.934	ug/l	100
32) 1,1,1-Trichloroethane	7.685	97	122869	46.260	ug/l	98
36) 1,1-Dichloropropene	7.905	75	100390	46.702	ug/l	99
37) Ethyl Acetate	7.063	43	44720	44.133	ug/l	98
38) Carbon Tetrachloride	7.886	117	109435	48.526	ug/l	98
39) Methylcyclohexane	9.173	83	130287	49.466	ug/l	97
40) Benzene	8.148	78	315901	47.519	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	23364m	45.844	ug/l	
42) 1,2-Dichloroethane	8.228	62	79617	45.906	ug/l	99
43) Isopropyl Acetate	8.264	43	89653	47.403	ug/l	95
44) Trichloroethene	8.929	130	82267	47.266	ug/l	98
45) 1,2-Dichloropropane	9.209	63	71311	46.912	ug/l	99
46) Dibromomethane	9.295	93	44181	46.841	ug/l	96
47) Bromodichloromethane	9.490	83	109878	48.809	ug/l	95
48) Methyl methacrylate	9.282	41	38540	45.264	ug/l	97
49) 1,4-Dioxane	9.288	88	10502	846.605	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	236094	236.987	ug/l	97
52) Toluene	10.240	92	207007	48.500	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	96697	49.152	ug/l	96
54) cis-1,3-Dichloropropene	9.922	75	115564	48.678	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	59463	47.398	ug/l	97
56) Ethyl methacrylate	10.502	69	80770	49.201	ug/l	94
57) 1,3-Dichloropropane	10.782	76	99184	47.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	190677	240.597	ug/l	99
59) 2-Hexanone	10.825	43	167383	239.864	ug/l	97
60) Dibromochloromethane	10.977	129	75561	48.486	ug/l	99
61) 1,2-Dibromoethane	11.081	107	57651	49.724	ug/l	98
64) Tetrachloroethene	10.715	164	80528	48.813	ug/l	97
65) Chlorobenzene	11.508	112	231672	48.486	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	75817	47.350	ug/l	99
67) Ethyl Benzene	11.587	91	399731	48.215	ug/l	98
68) m/p-Xylenes	11.697	106	316789	98.198	ug/l	99
69) o-Xylene	12.026	106	149409	48.161	ug/l	100
70) Styrene	12.038	104	256688	50.086	ug/l	98
71) Bromoform	12.203	173	43795	49.846	ug/l #	95
73) Isopropylbenzene	12.325	105	387470	45.334	ug/l	99
74) N-amyl acetate	12.136	43	82859	47.343	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.574	83	68506	45.141	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	49278m	44.883	ug/l	
77) Bromobenzene	12.605	156	90614	45.843	ug/l	97
78) n-propylbenzene	12.666	91	464114	46.400	ug/l	99
79) 2-Chlorotoluene	12.751	91	258312	45.749	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	319823	47.214	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	20698	49.380	ug/l	94
82) 4-Chlorotoluene	12.849	91	269784	47.449	ug/l	98
83) tert-Butylbenzene	13.068	119	289991	46.255	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	317975	46.965	ug/l	99
85) sec-Butylbenzene	13.245	105	423689	47.384	ug/l	98
86) p-Isopropyltoluene	13.361	119	360454	47.550	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	186728	46.837	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	184787	47.233	ug/l	99
89) n-Butylbenzene	13.690	91	330882	48.427	ug/l	99
90) Hexachloroethane	13.958	117	67290	48.864	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	163806	48.097	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9649	43.909	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	97200	51.228	ug/l	98
94) Hexachlorobutadiene	15.105	225	49355	50.626	ug/l	98
95) Naphthalene	15.233	128	183555	51.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.415	180	82365	51.377	ug/l	99

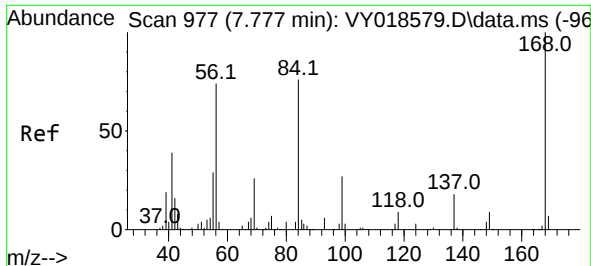
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
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Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

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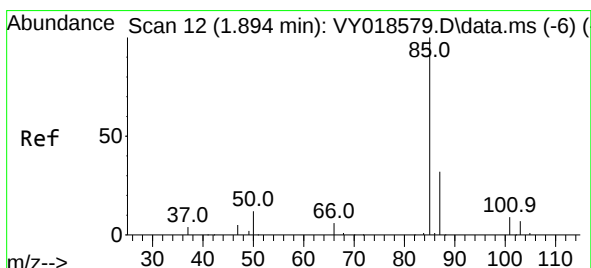
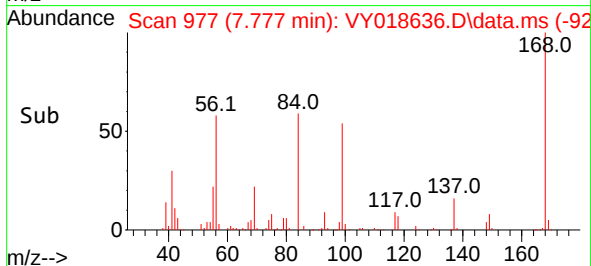
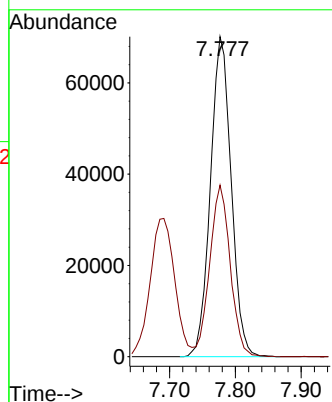
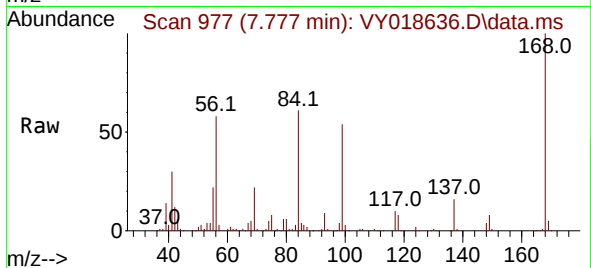
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
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Acq: 19 Jun 2024 10:55

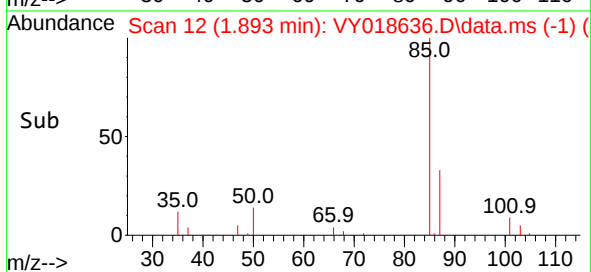
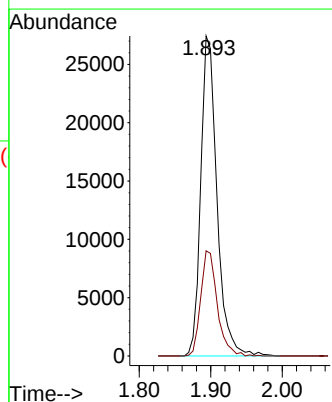
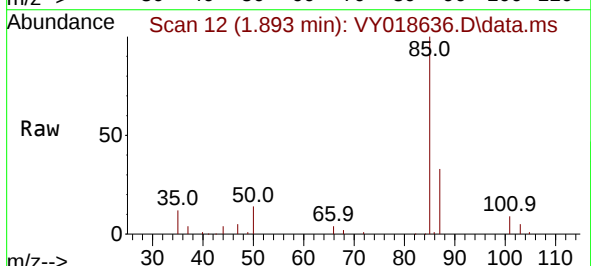
Instrument :
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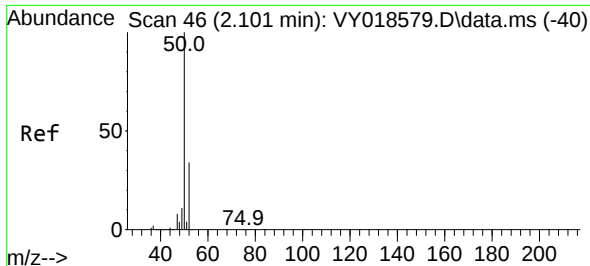
Tgt Ion:168 Resp: 154035
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.677 ug/l
RT: 1.893 min Scan# 12
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 85 Resp: 43296
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0

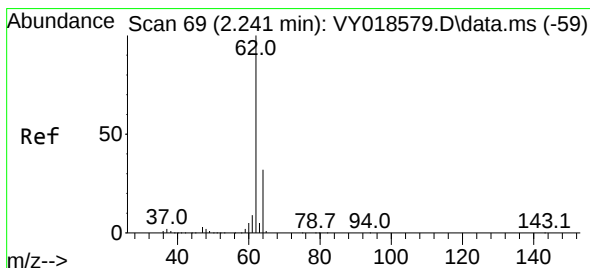
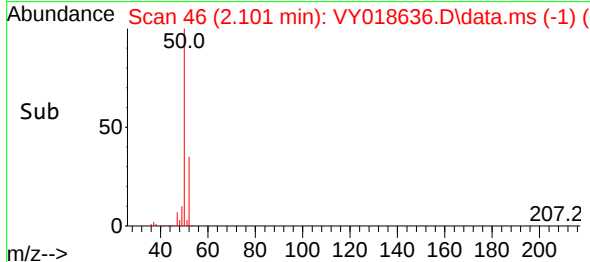
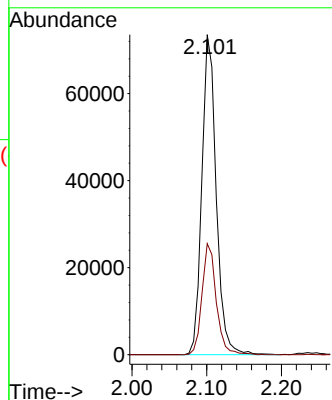
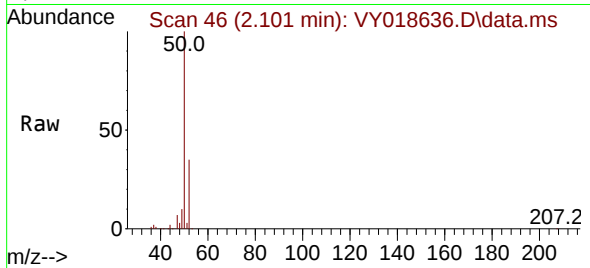




#3
Chloromethane
Concen: 46.944 ug/l
RT: 2.101 min Scan# 40
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

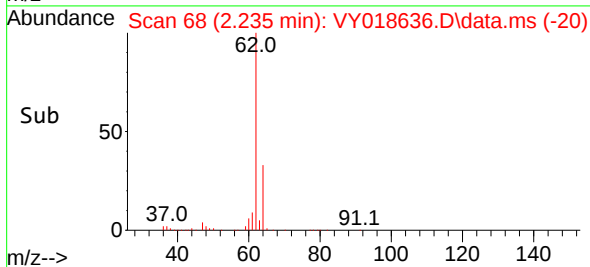
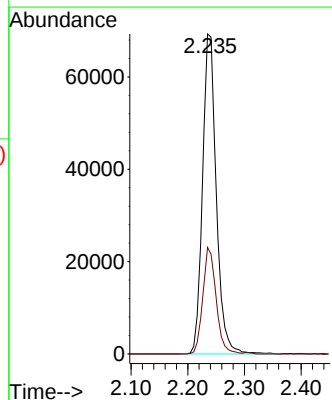
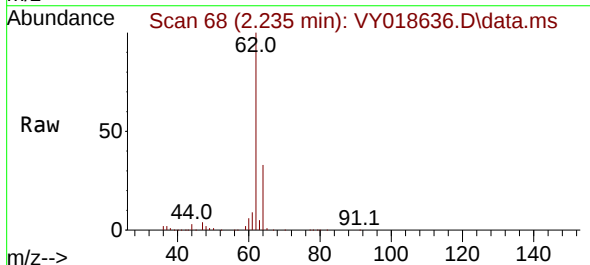
Instrument :
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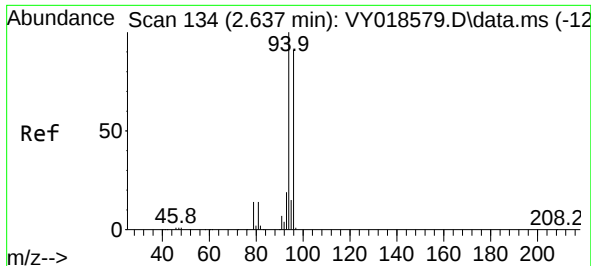
Tgt Ion: 50 Resp: 98087
Ion Ratio Lower Upper
50 100
52 34.7 25.6 38.4



#4
Vinyl Chloride
Concen: 45.134 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.006 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 62 Resp: 116789
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1

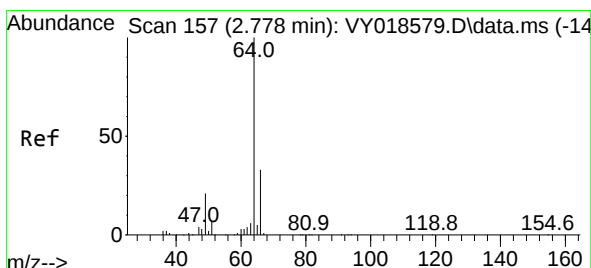
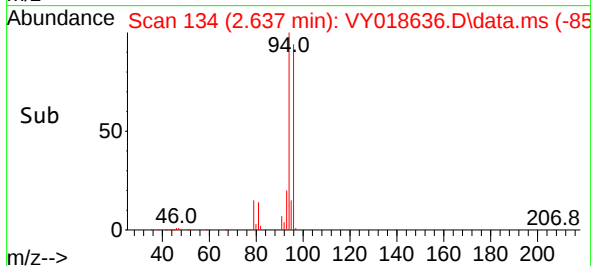
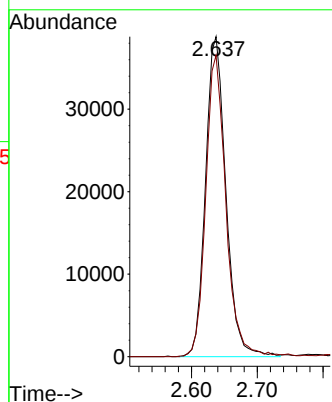
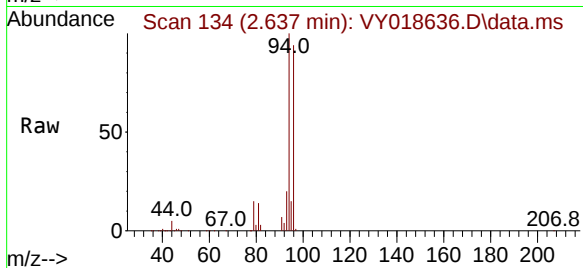




#5
Bromomethane
Concen: 43.495 ug/l
RT: 2.637 min Scan# 134
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

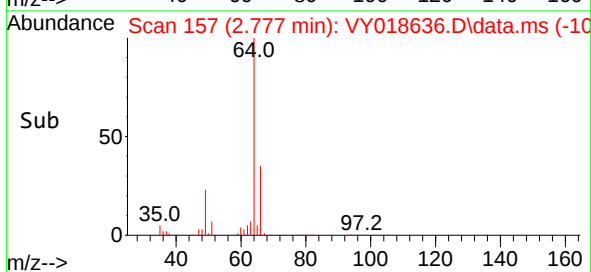
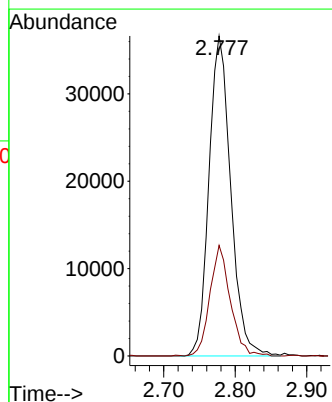
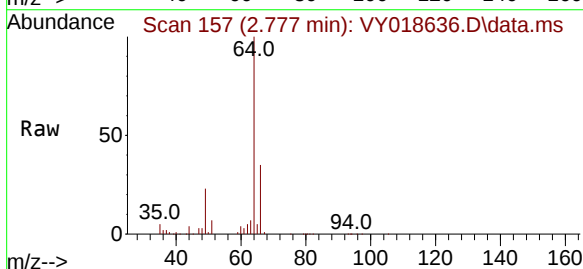
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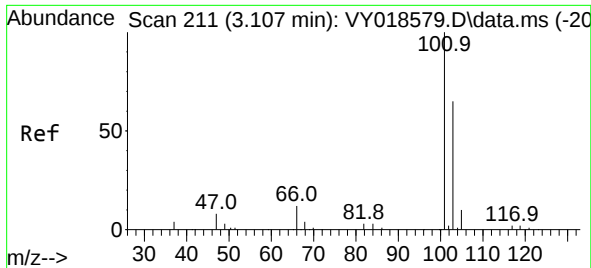
Tgt Ion: 94 Resp: 83655
Ion Ratio Lower Upper
94 100
96 94.0 74.1 111.1



#6
Chloroethane
Concen: 45.713 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 64 Resp: 77488
Ion Ratio Lower Upper
64 100
66 34.5 26.1 39.1

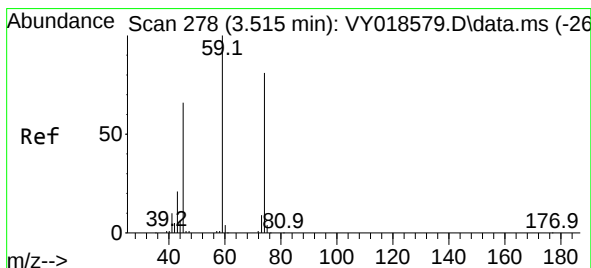
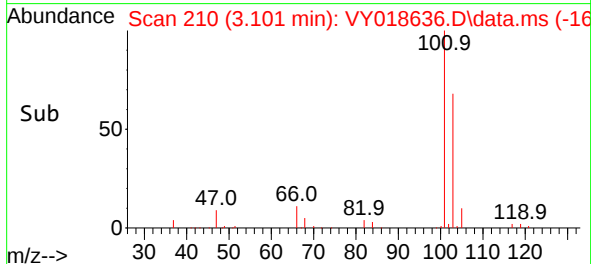
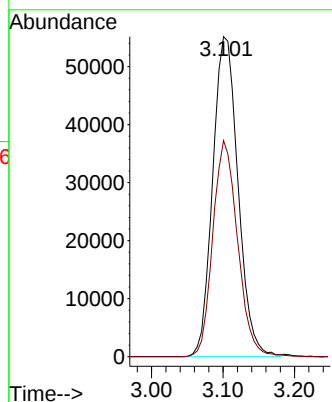
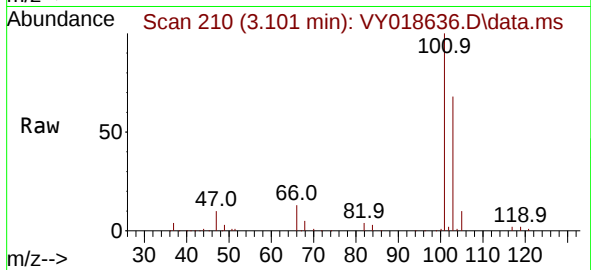




#7
 Trichlorofluoromethane
 Concen: 48.722 ug/l
 RT: 3.101 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY018636.D
 Acq: 19 Jun 2024 10:55

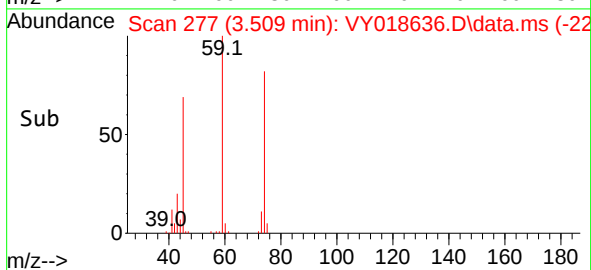
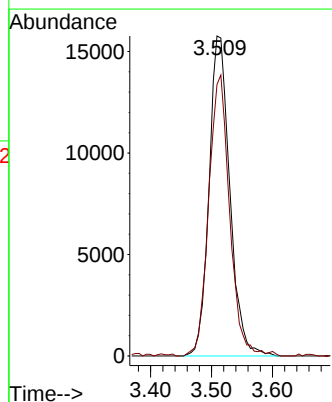
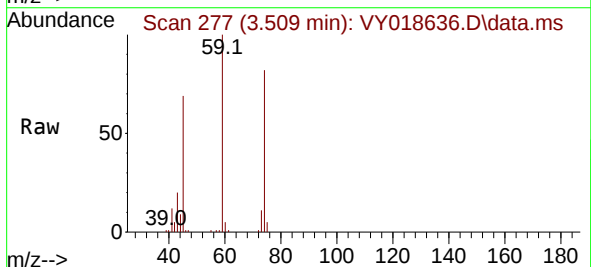
Instrument :
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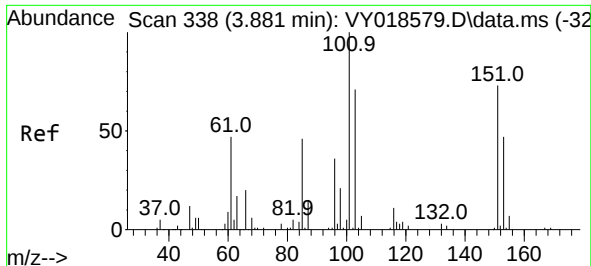
Tgt Ion:101 Resp: 135761
 Ion Ratio Lower Upper
 101 100
 103 67.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.019 ug/l
 RT: 3.509 min Scan# 277
 Delta R.T. -0.006 min
 Lab File: VY018636.D
 Acq: 19 Jun 2024 10:55

Tgt Ion: 74 Resp: 37357
 Ion Ratio Lower Upper
 74 100
 45 88.4 41.3 124.1

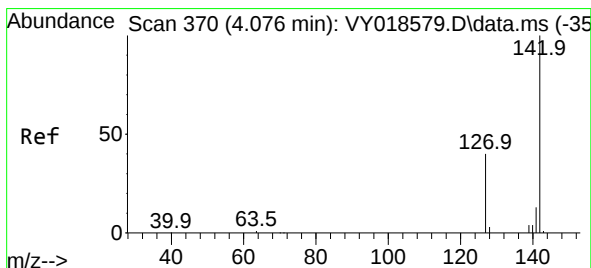
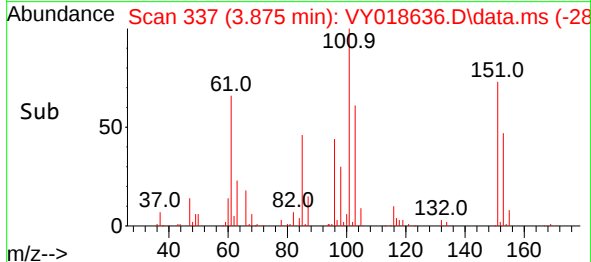
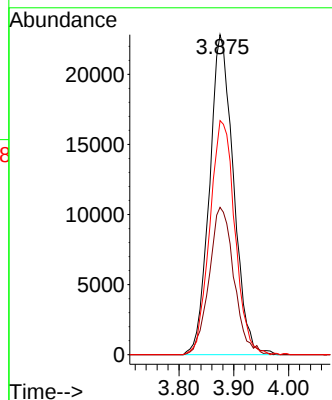
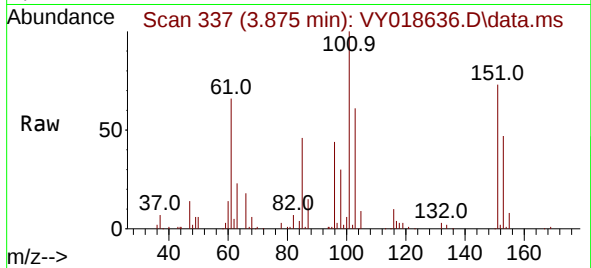




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.614 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018636.D
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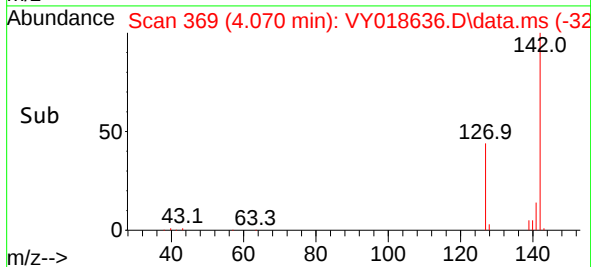
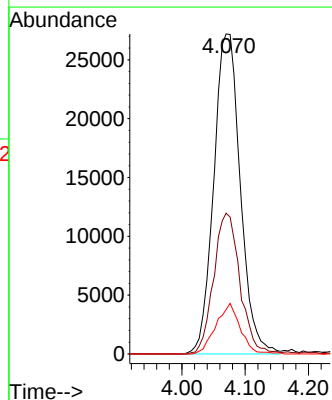
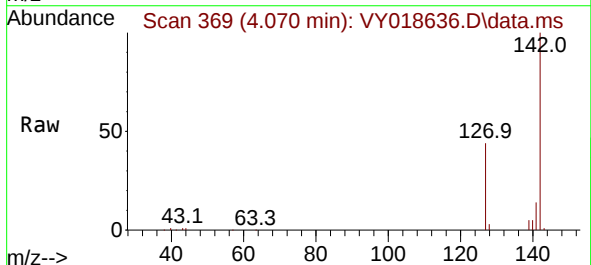
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

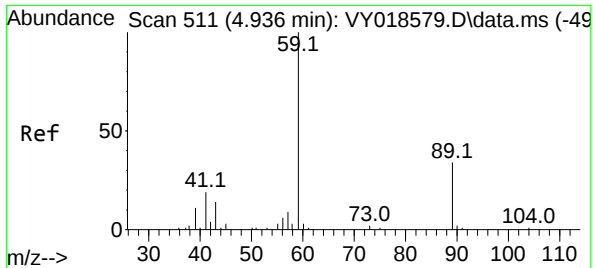
Tgt Ion:101 Resp: 69321
Ion Ratio Lower Upper
101 100
85 47.7 34.5 51.7
151 76.5 61.7 92.5



#10
Methyl Iodide
Concen: 45.099 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion:142 Resp: 79268
Ion Ratio Lower Upper
142 100
127 43.6 32.8 49.2
141 14.5 11.4 17.2

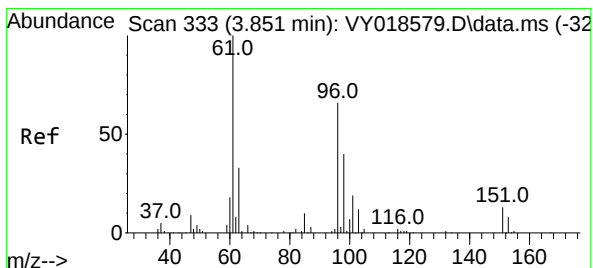
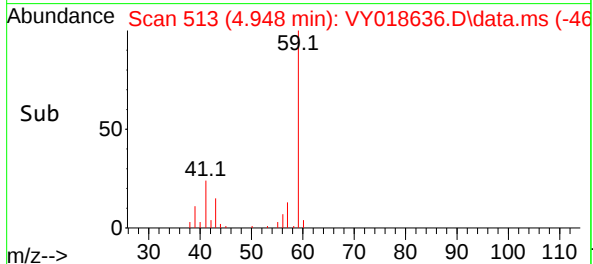
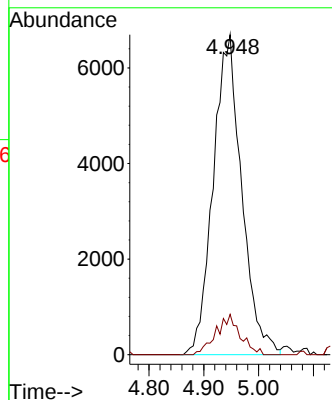
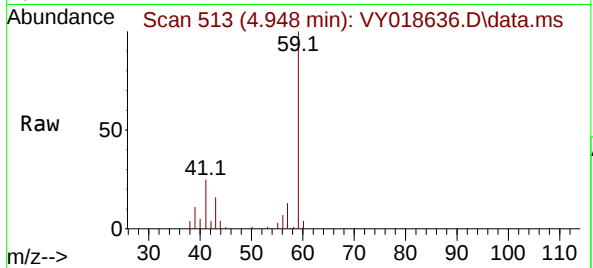




#11
Tert butyl alcohol
Concen: 86.711 ug/l
RT: 4.948 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

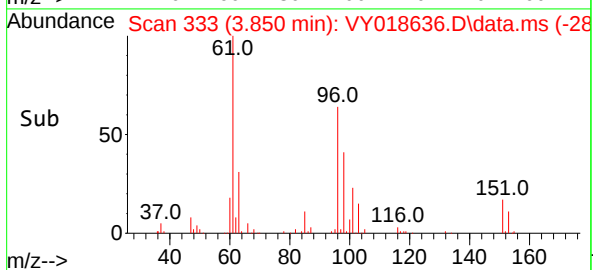
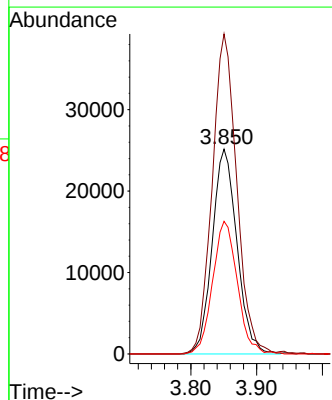
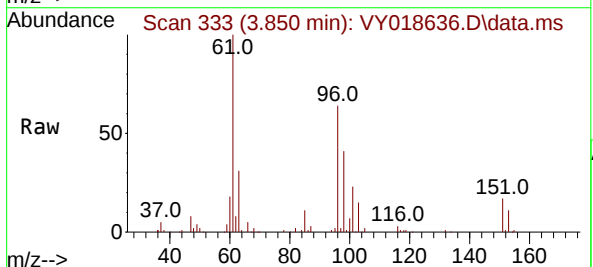
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

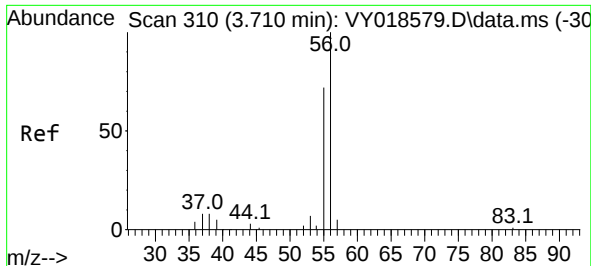
Tgt Ion: 59 Resp: 24188
Ion Ratio Lower Upper
59 100
57 10.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 45.031 ug/l
RT: 3.850 min Scan# 333
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 96 Resp: 65885
Ion Ratio Lower Upper
96 100
61 156.2 114.6 171.8
98 64.8 50.8 76.2





#13

Acrolein

Concen: 218.351 ug/l

RT: 3.716 min Scan# 310

Delta R.T. 0.006 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

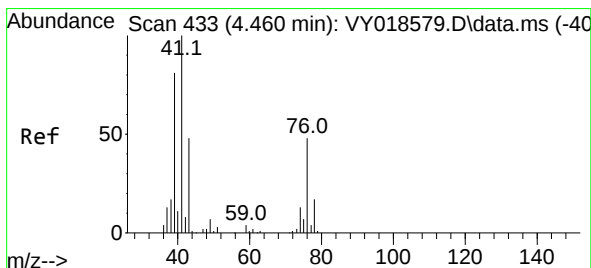
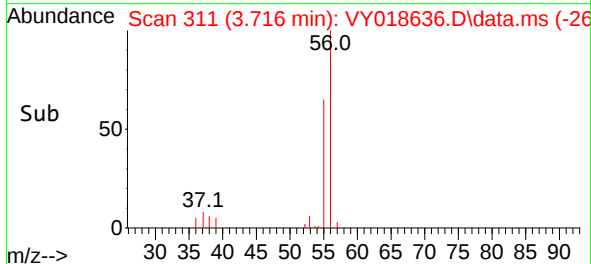
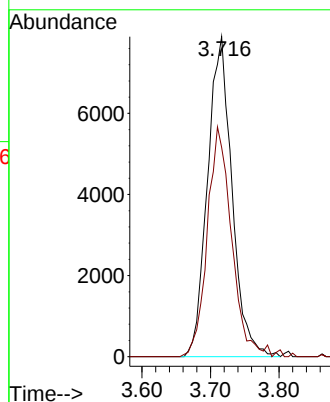
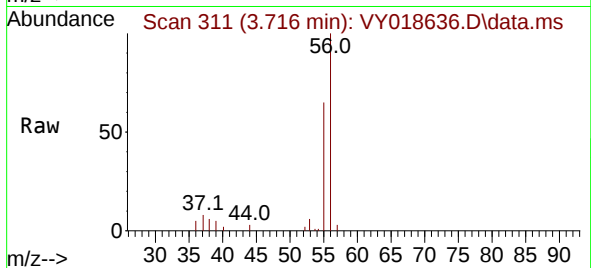
VSTDCCC050

Tgt Ion: 56 Resp: 19582

Ion Ratio Lower Upper

56 100

55 71.5 55.7 83.5



#14

Allyl chloride

Concen: 47.538 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

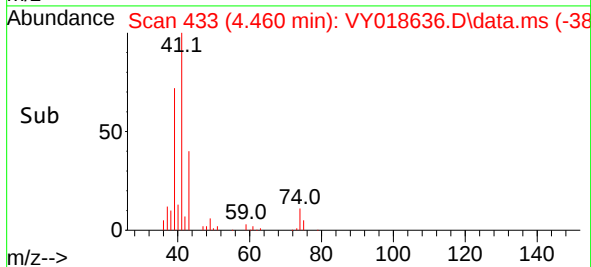
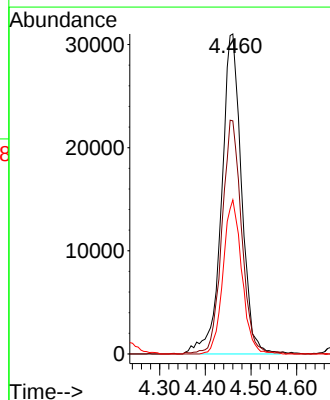
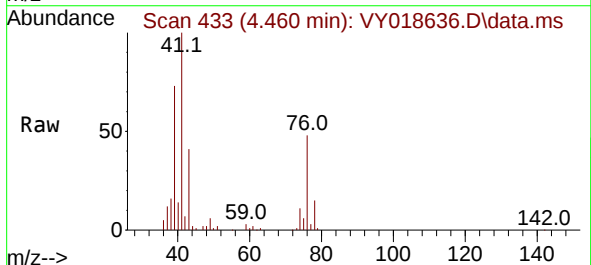
Tgt Ion: 41 Resp: 93767

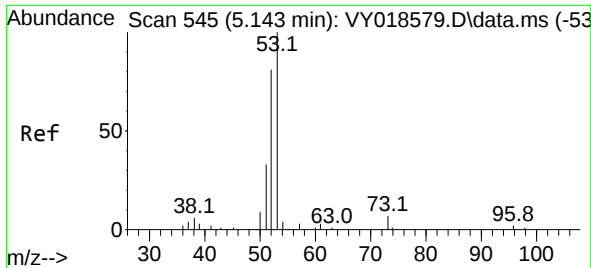
Ion Ratio Lower Upper

41 100

39 71.9 58.3 87.5

76 45.3 39.0 58.6

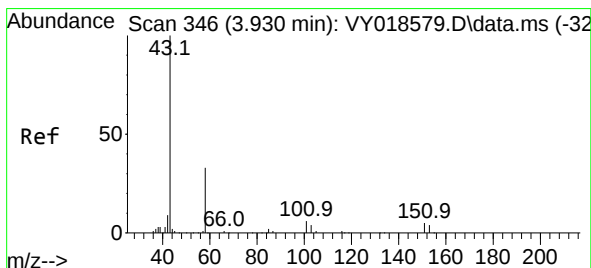
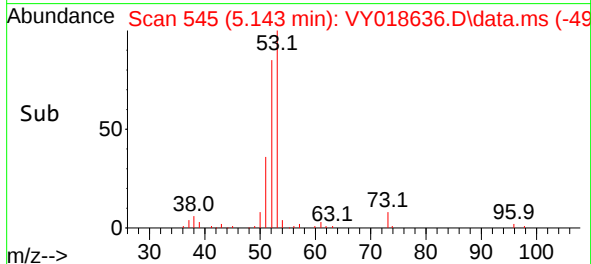
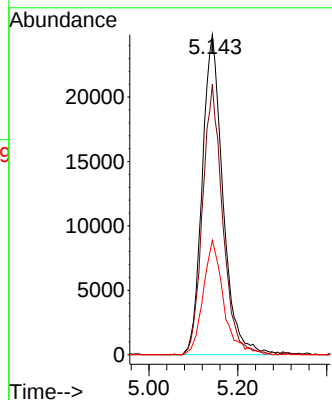
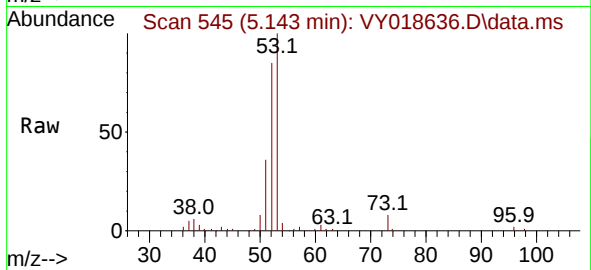




#15
Acrylonitrile
Concen: 228.356 ug/l
RT: 5.143 min Scan# 545
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

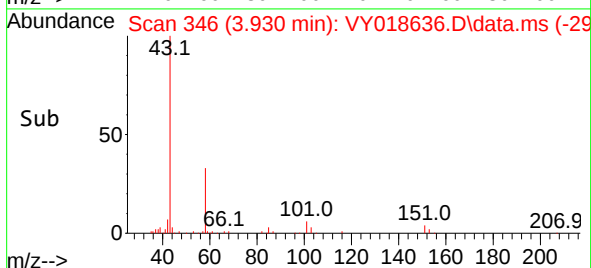
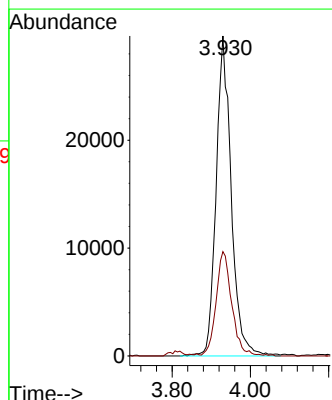
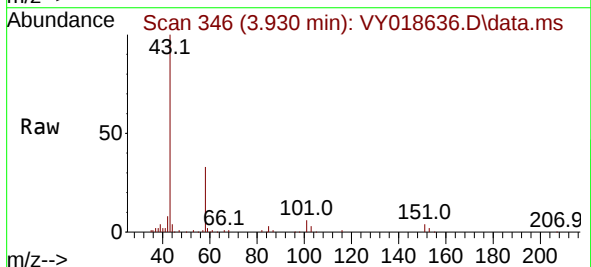
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

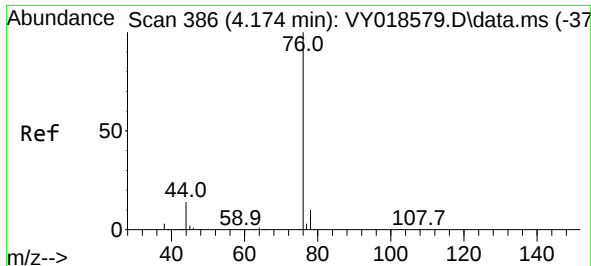
Tgt Ion:	53	Resp:	80711
Ion	Ratio	Lower	Upper
53	100		
52	81.6	64.7	97.1
51	35.4	28.4	42.6



#16
Acetone
Concen: 251.810 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion:	43	Resp:	79450
Ion	Ratio	Lower	Upper
43	100		
58	32.6	31.7	47.5

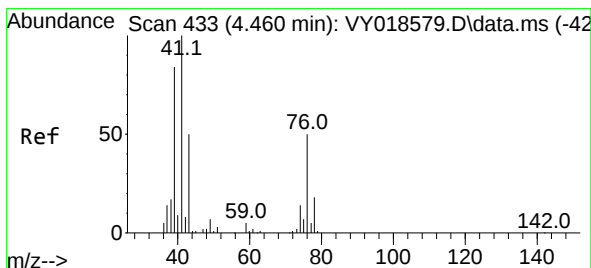
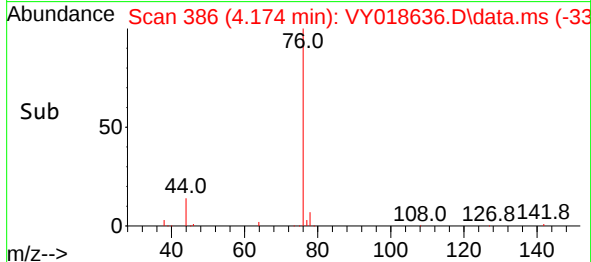
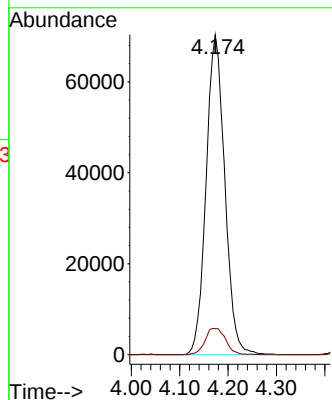
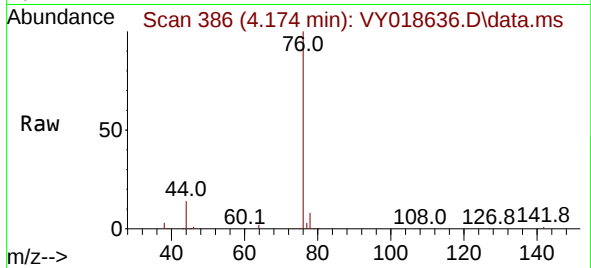




#17
Carbon Disulfide
Concen: 42.827 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

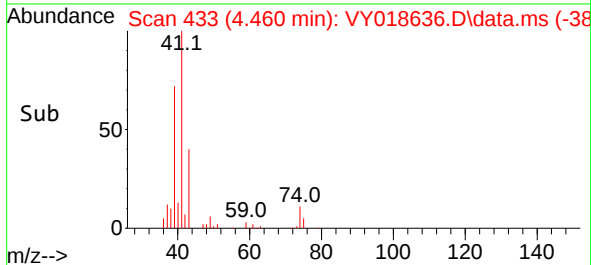
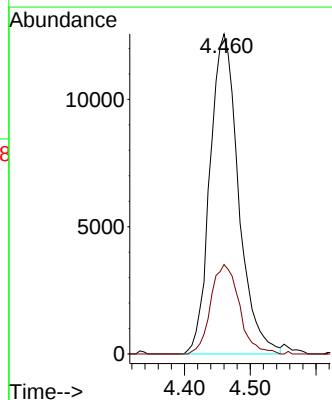
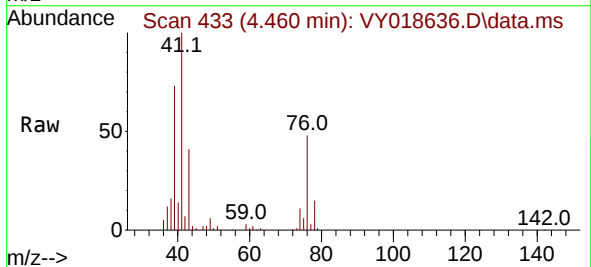
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

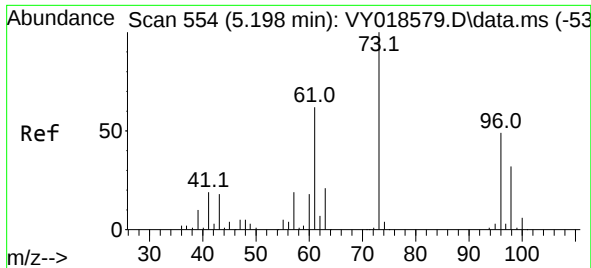
Tgt Ion: 76 Resp: 188558
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 47.425 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 43 Resp: 37954
Ion Ratio Lower Upper
43 100
74 28.0 23.3 34.9

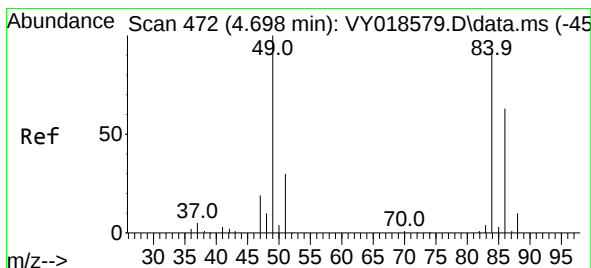
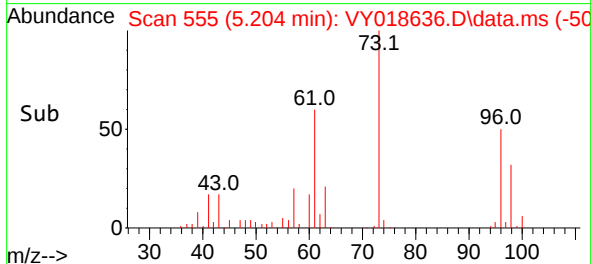
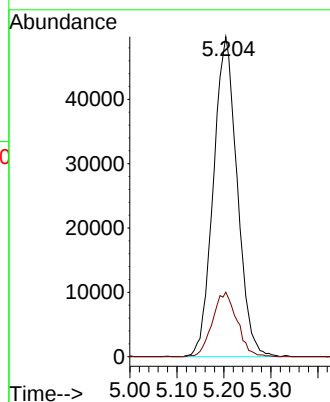
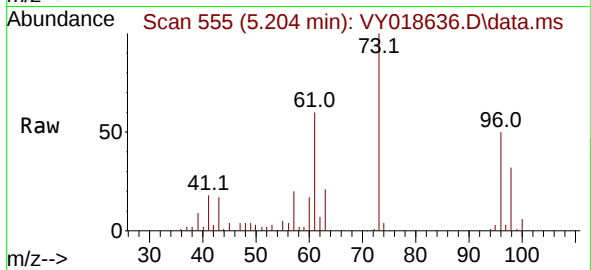




#19
Methyl tert-butyl Ether
Concen: 44.908 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

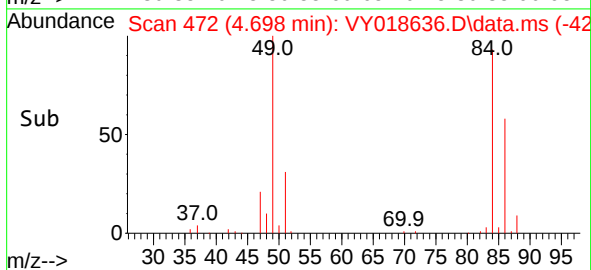
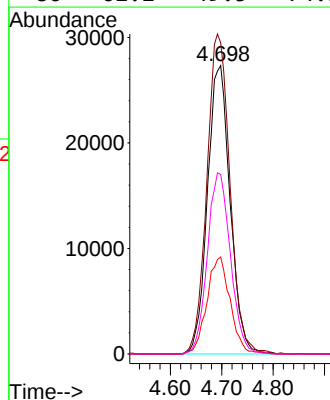
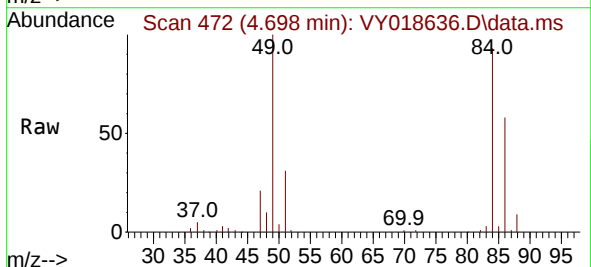
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

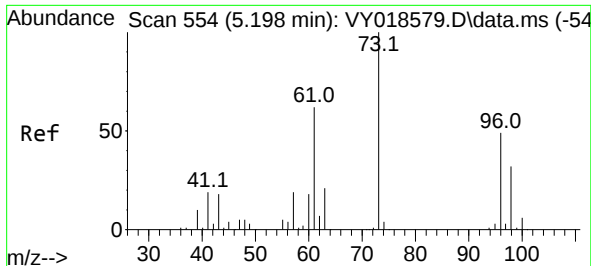
Tgt Ion: 73 Resp: 175272
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 41.496 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 84 Resp: 83652
Ion Ratio Lower Upper
84 100
49 107.8 84.4 126.6
51 33.6 26.0 39.0
86 62.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 47.276 ug/l

RT: 5.198 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

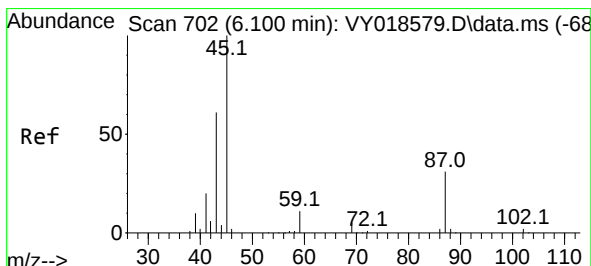
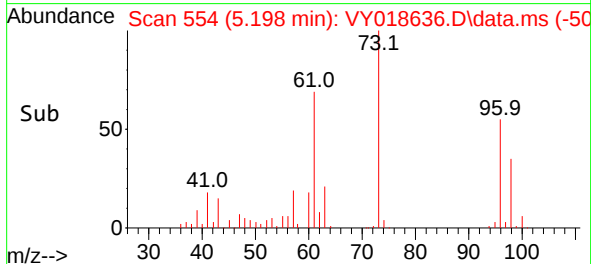
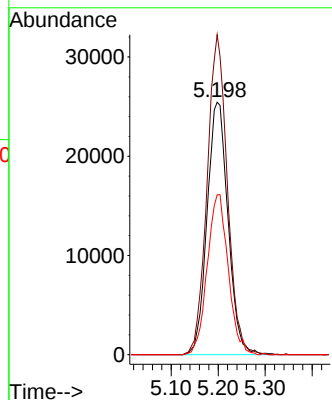
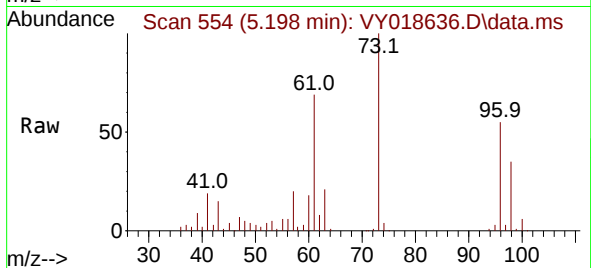
Tgt Ion: 96 Resp: 78740

Ion Ratio Lower Upper

96 100

61 126.7 97.5 146.3

98 63.3 50.5 75.7



#22

Diisopropyl ether

Concen: 48.030 ug/l

RT: 6.100 min Scan# 702

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Tgt Ion: 45 Resp: 213873

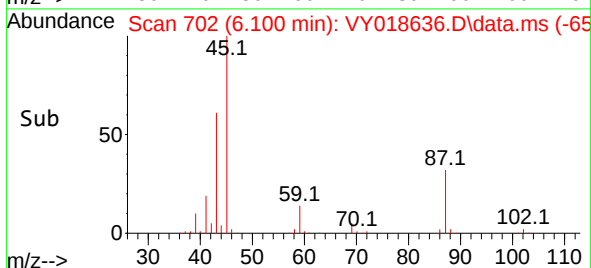
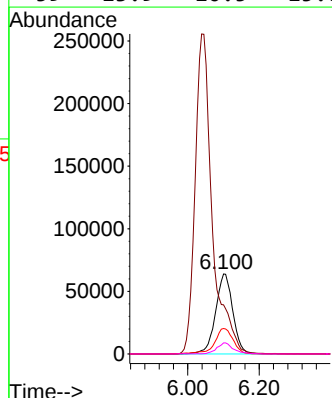
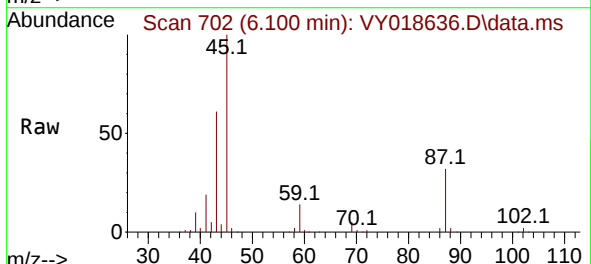
Ion Ratio Lower Upper

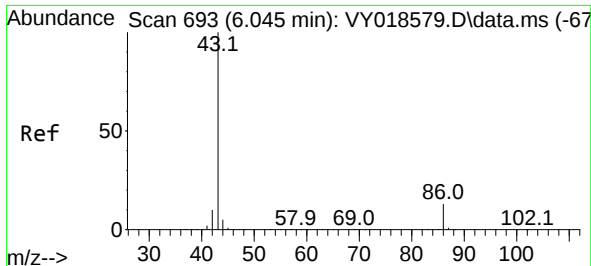
45 100

43 61.0 42.2 63.2

87 31.8 25.0 37.6

59 13.9 10.5 15.7

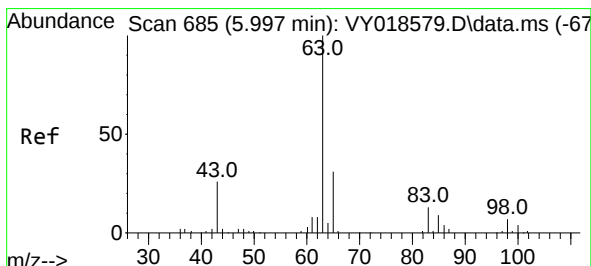
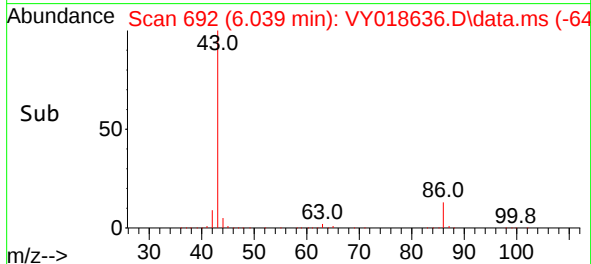
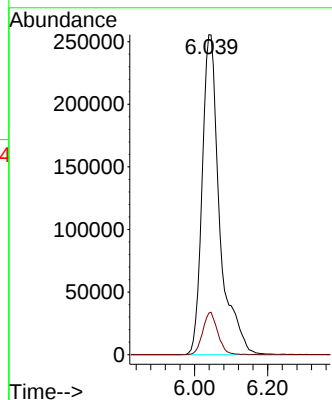
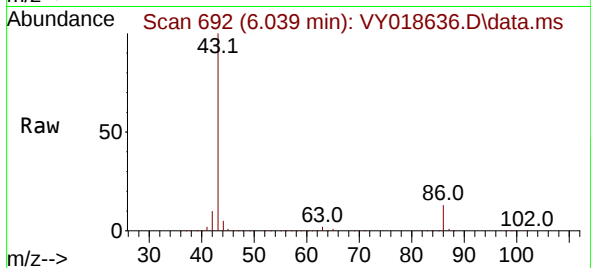




#23
 Vinyl Acetate
 Concen: 205.700 ug/l
 RT: 6.039 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VY018636.D
 Acq: 19 Jun 2024 10:55

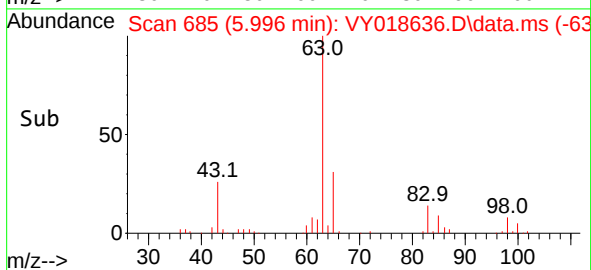
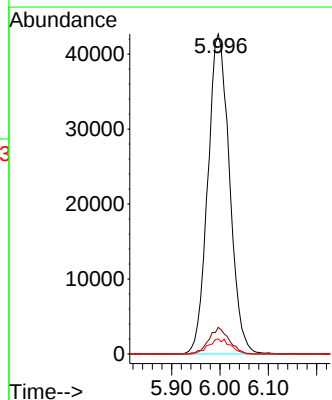
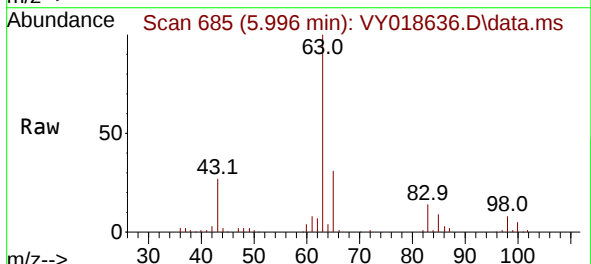
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

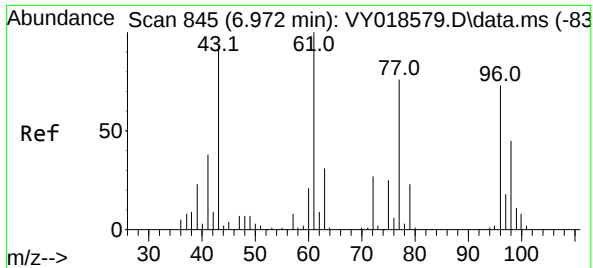
Tgt Ion: 43 Resp: 848353
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 46.349 ug/l
 RT: 5.996 min Scan# 685
 Delta R.T. -0.000 min
 Lab File: VY018636.D
 Acq: 19 Jun 2024 10:55

Tgt Ion: 63 Resp: 132966
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 12.2
 100 4.7 2.6 8.0

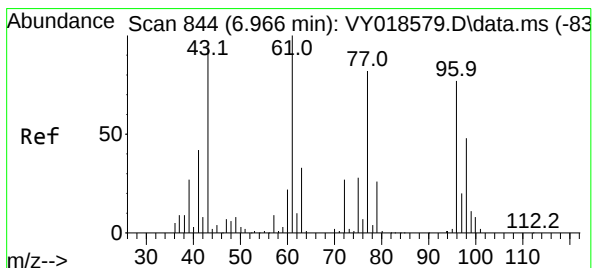
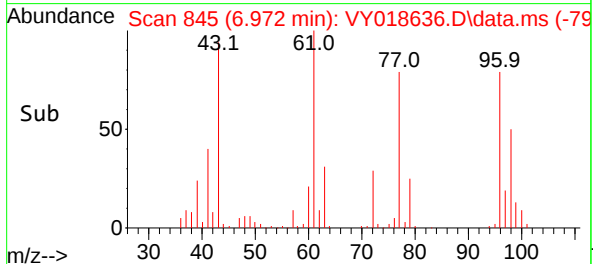
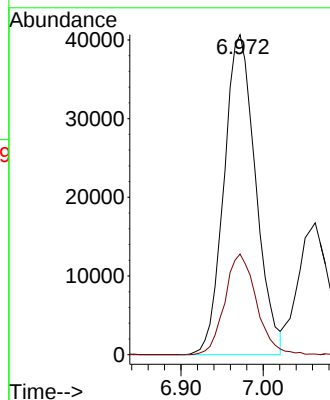
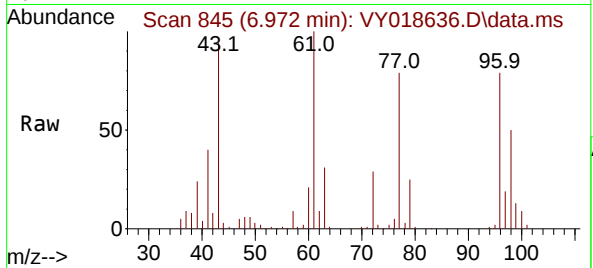




#25
2-Butanone
Concen: 230.207 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

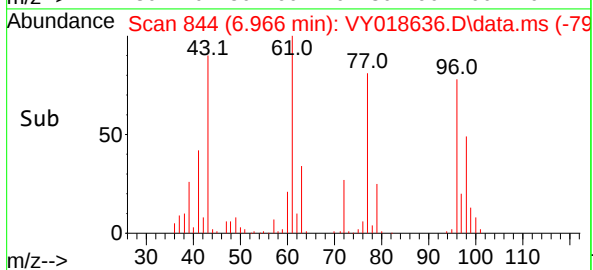
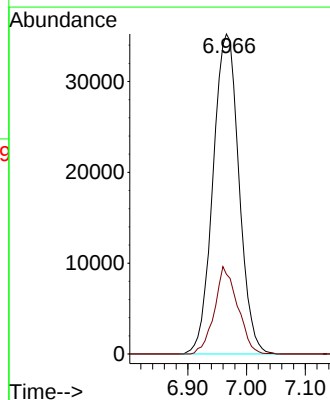
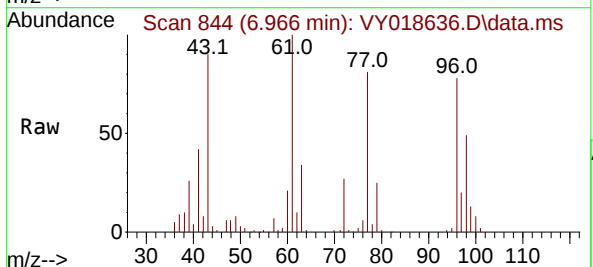
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

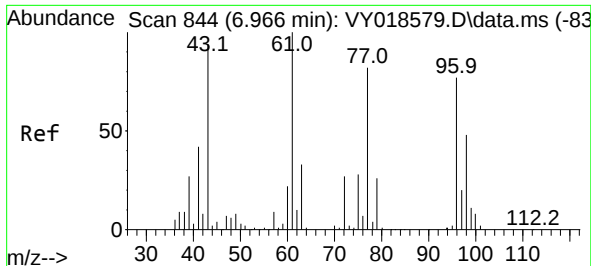
Tgt Ion: 43 Resp: 108875
Ion Ratio Lower Upper
43 100
72 31.4 27.3 40.9



#26
2,2-Dichloropropane
Concen: 44.758 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 77 Resp: 108179
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 46.309 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

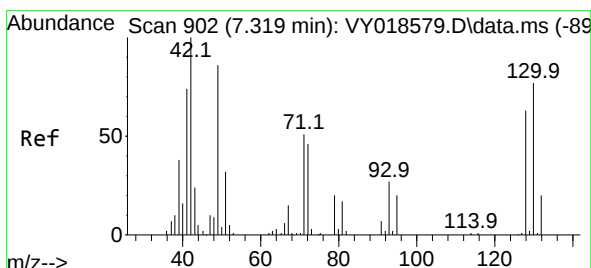
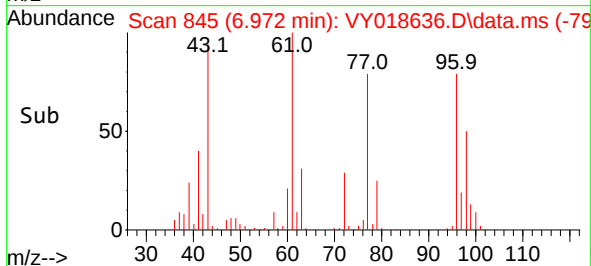
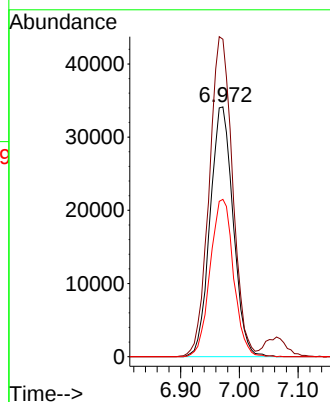
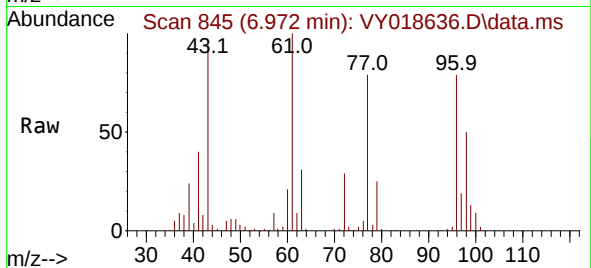
Tgt Ion: 96 Resp: 93163

Ion Ratio Lower Upper

96 100

61 129.9 0.0 256.2

98 63.8 0.0 130.0



#28

Bromochloromethane

Concen: 45.038 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

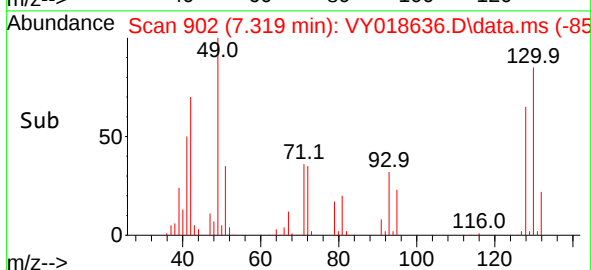
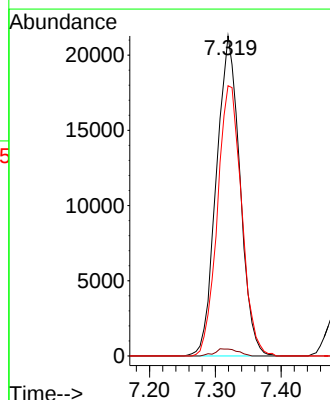
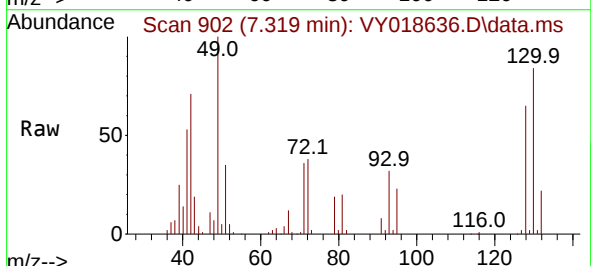
Tgt Ion: 49 Resp: 52957

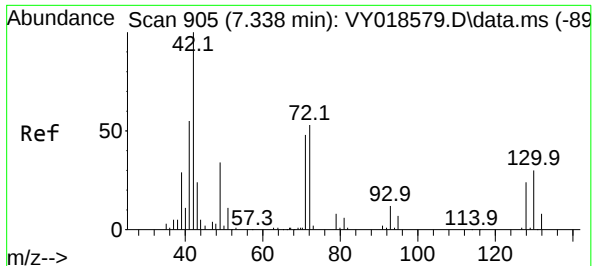
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 86.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 225.747 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

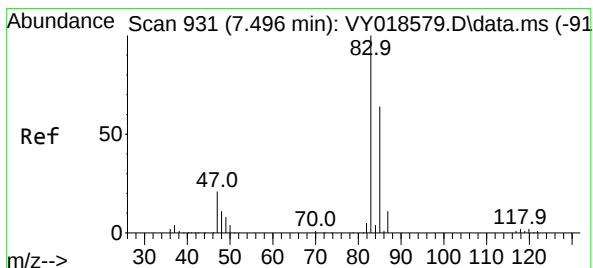
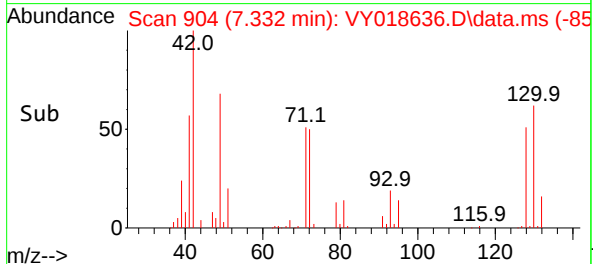
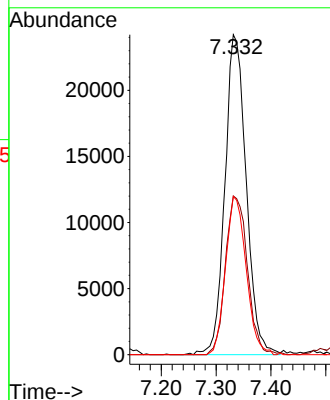
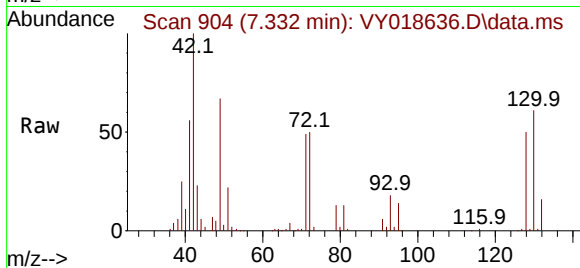
Tgt Ion: 42 Resp: 65520

Ion Ratio Lower Upper

42 100

72 51.1 43.0 64.4

71 47.8 40.8 61.2



#30

Chloroform

Concen: 45.758 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY018636.D

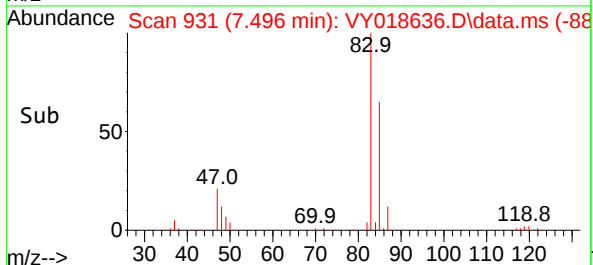
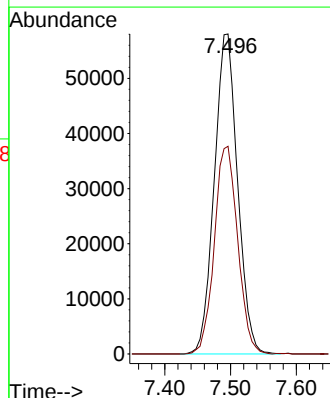
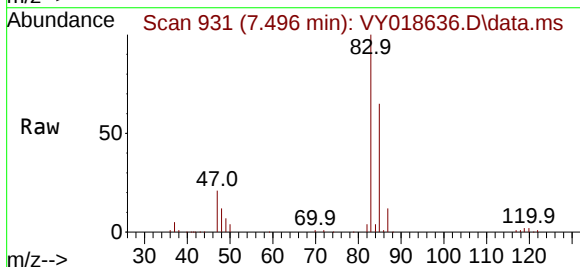
Acq: 19 Jun 2024 10:55

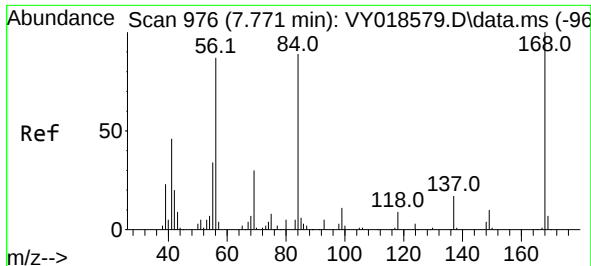
Tgt Ion: 83 Resp: 143059

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4

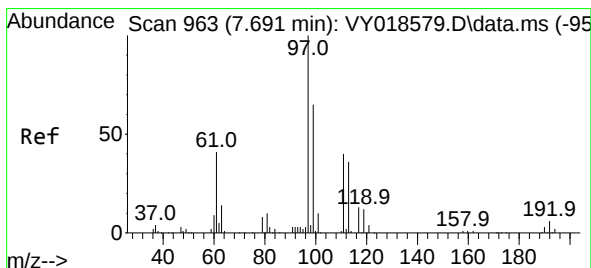
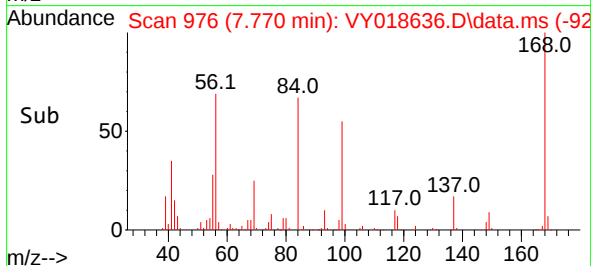
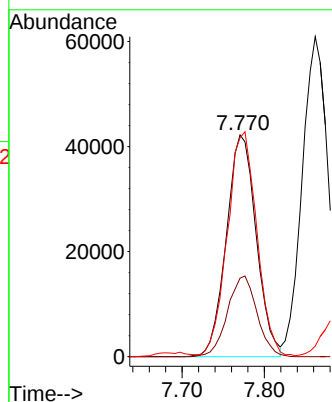
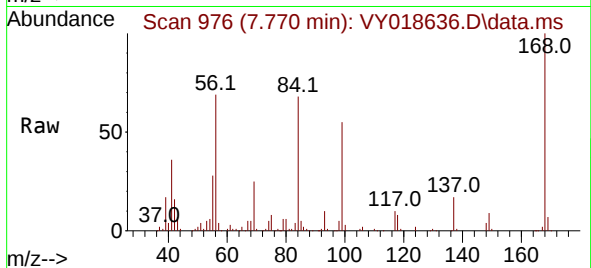




#31
Cyclohexane
Concen: 44.934 ug/l
RT: 7.770 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

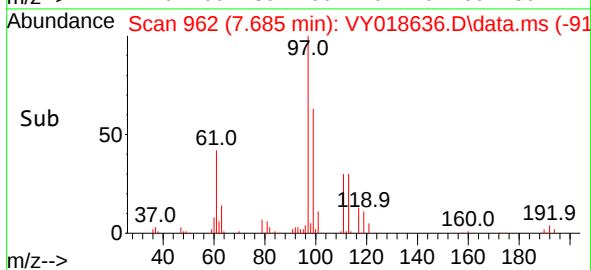
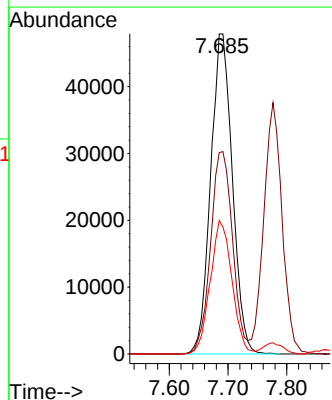
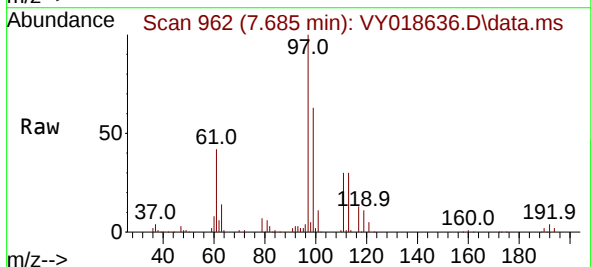
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

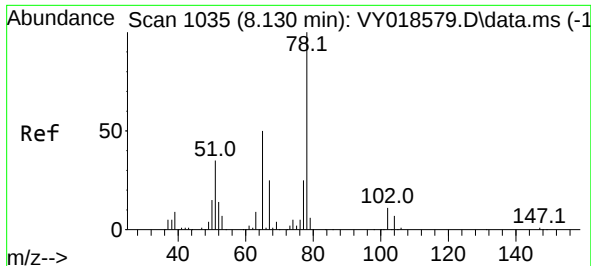
Tgt Ion: 56 Resp: 106743
Ion Ratio Lower Upper
56 100
69 35.4 28.7 43.1
84 96.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 46.260 ug/l
RT: 7.685 min Scan# 962
Delta R.T. -0.006 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 97 Resp: 122869
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 41.8 32.6 48.8

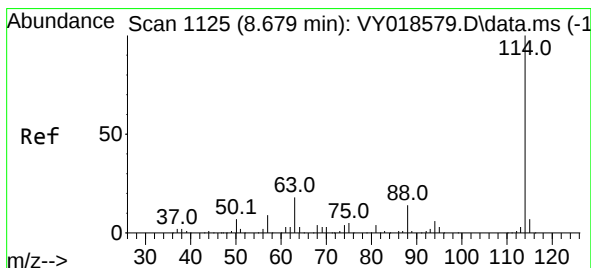
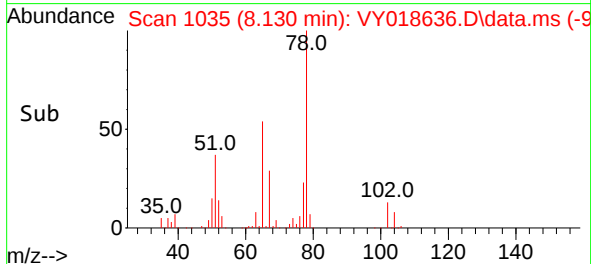
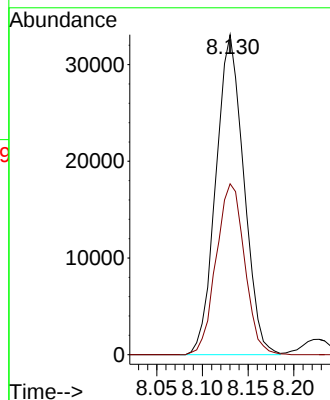
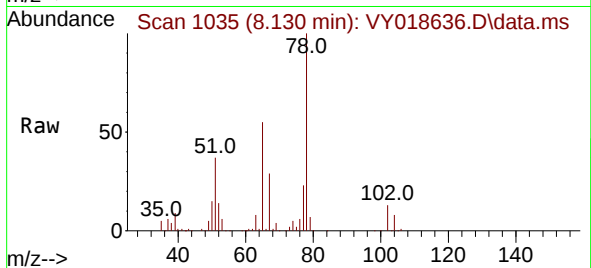




#33
 1,2-Dichloroethane-d4
 Concen: 45.295 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VY018636.D
 Acq: 19 Jun 2024 10:55

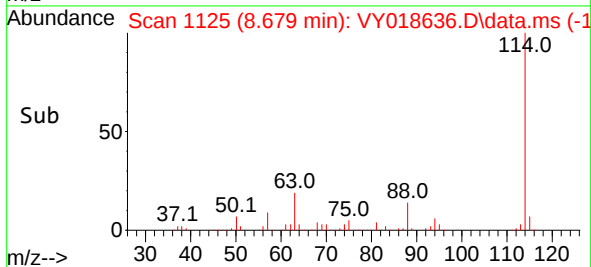
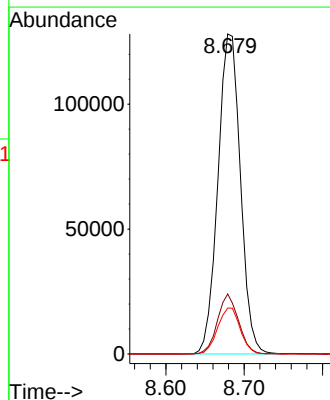
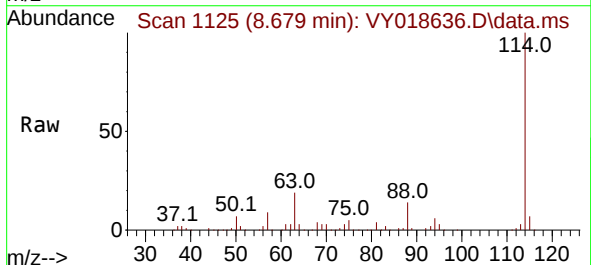
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

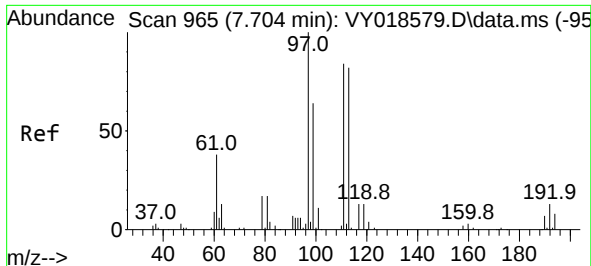
Tgt Ion: 65 Resp: 70244
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VY018636.D
 Acq: 19 Jun 2024 10:55

Tgt Ion: 114 Resp: 256003
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.0
 88 14.4 0.0 27.2

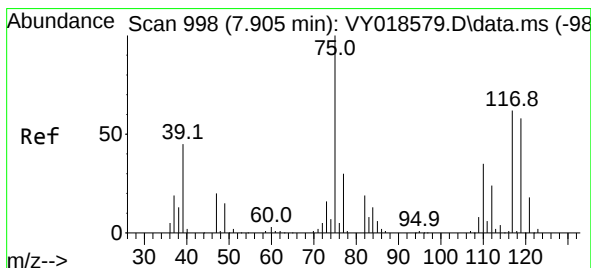
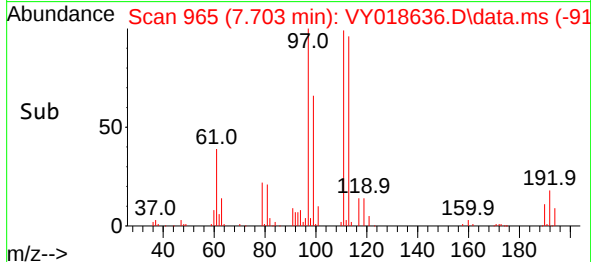
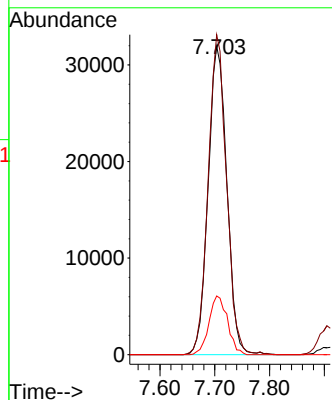
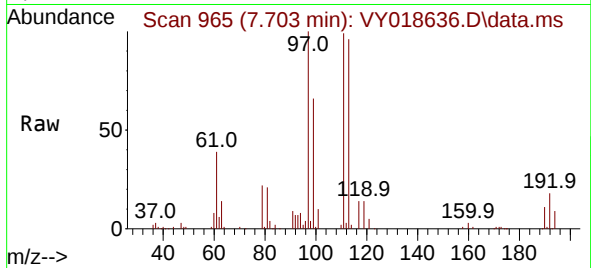




#35
Dibromofluoromethane
Concen: 48.521 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

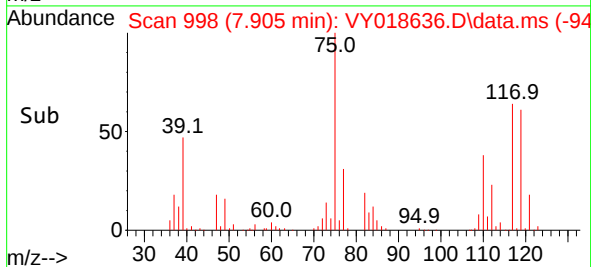
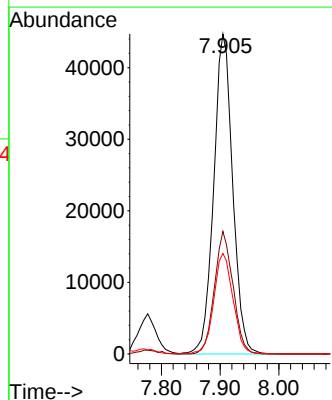
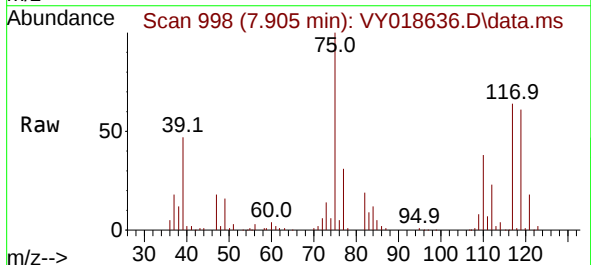
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

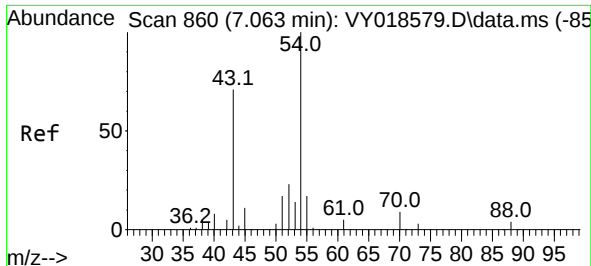
Tgt Ion:113 Resp: 75773
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 46.702 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 75 Resp: 100390
Ion Ratio Lower Upper
75 100
110 37.4 19.0 57.0
77 31.9 25.3 37.9

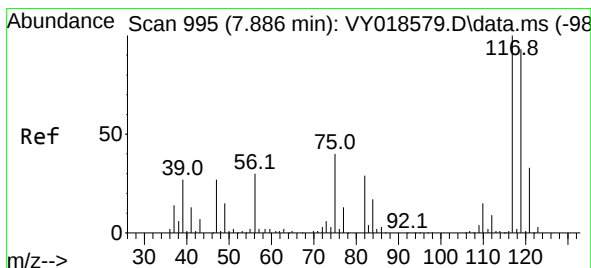
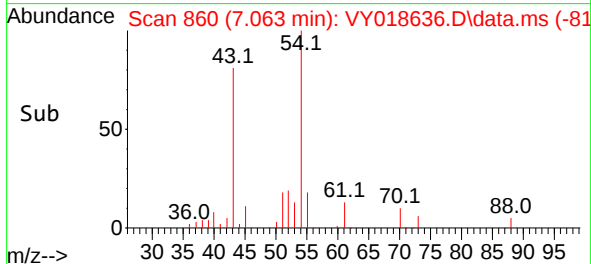
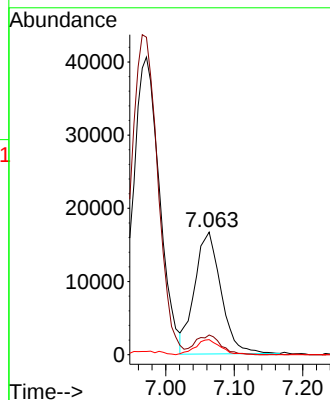
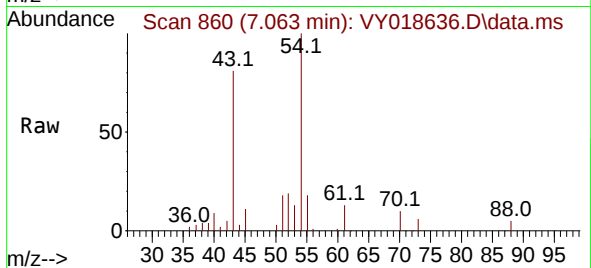




#37
Ethyl Acetate
Concen: 44.133 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

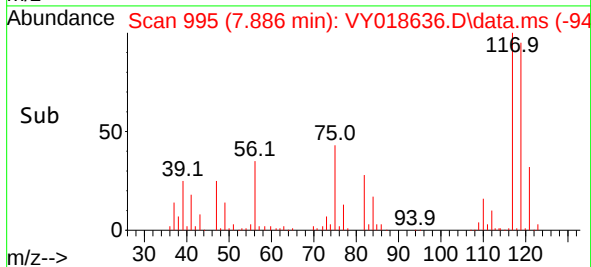
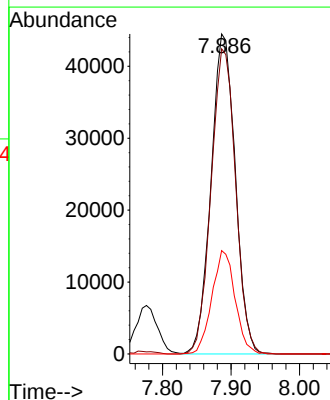
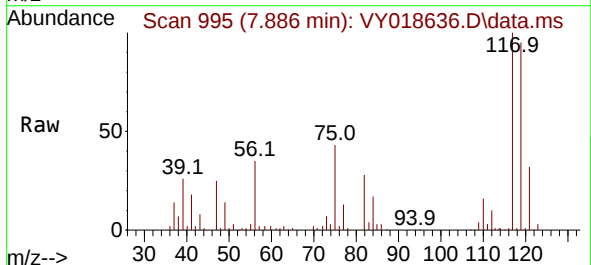
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

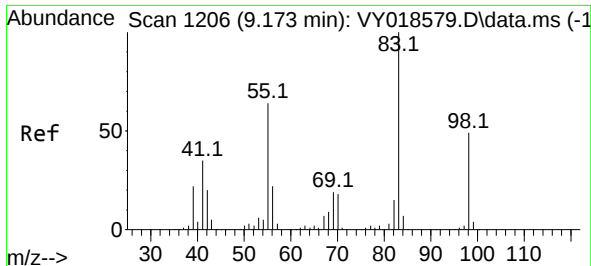
Tgt Ion:	43	Resp:	44720
Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.6	19.0
70	11.7	7.8	11.8



#38
Carbon Tetrachloride
Concen: 48.526 ug/l
RT: 7.886 min Scan# 995
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion:	117	Resp:	109435
Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.6
121	32.3	24.0	36.0

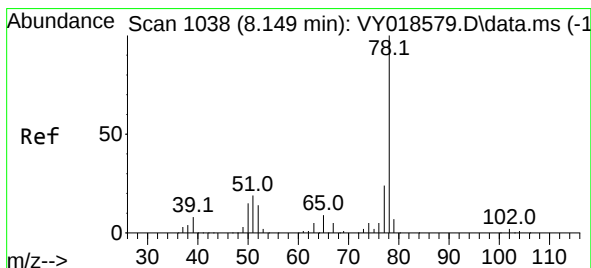
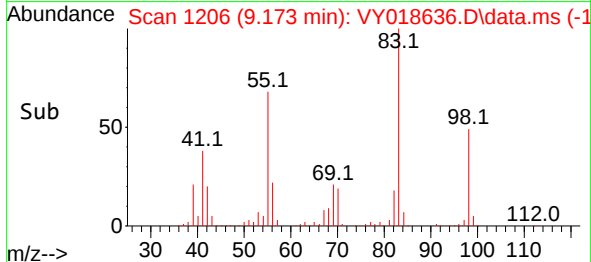
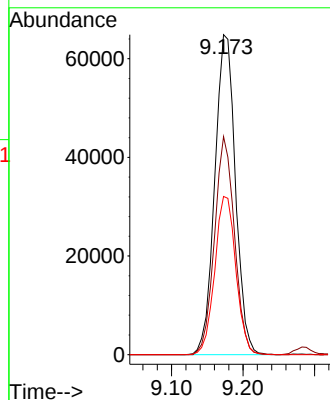
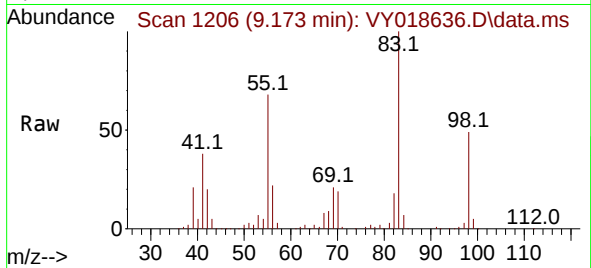




#39
Methylcyclohexane
Concen: 49.466 ug/l
RT: 9.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

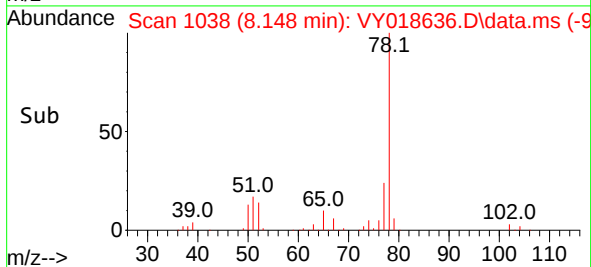
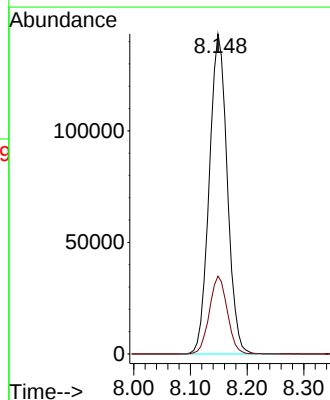
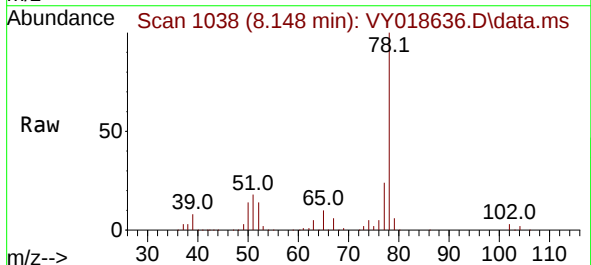
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

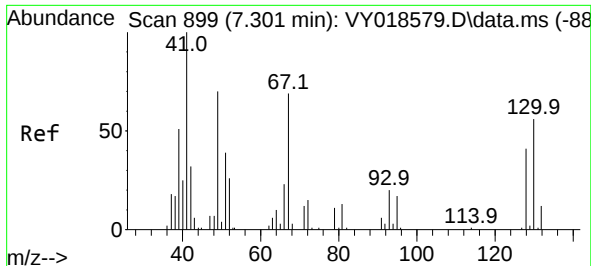
Tgt Ion: 83 Resp: 130287
Ion Ratio Lower Upper
83 100
55 68.2 51.5 77.3
98 49.5 40.5 60.7



#40
Benzene
Concen: 47.519 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 78 Resp: 315901
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

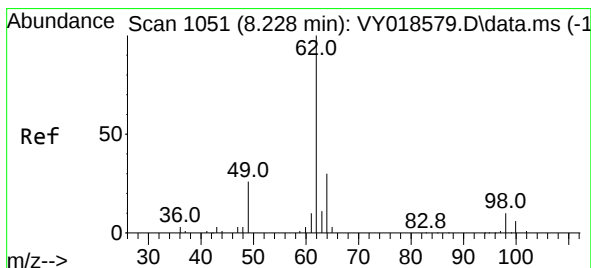
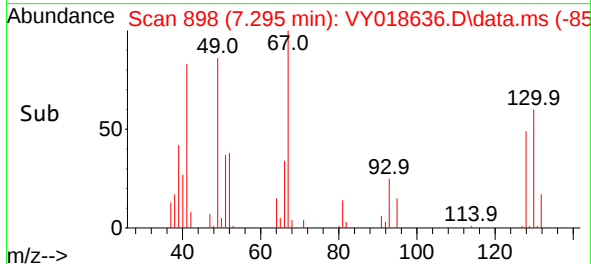
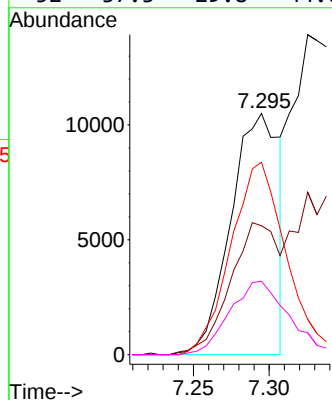
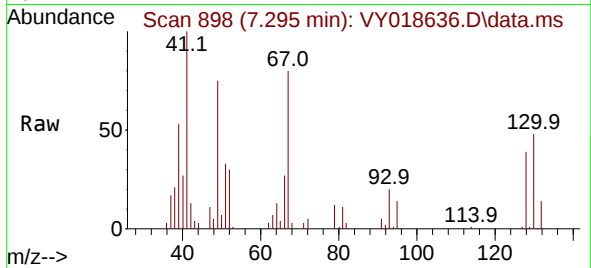




#41
Methacrylonitrile
Concen: 45.844 ug/l m
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

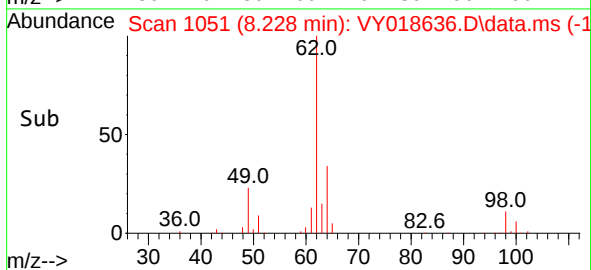
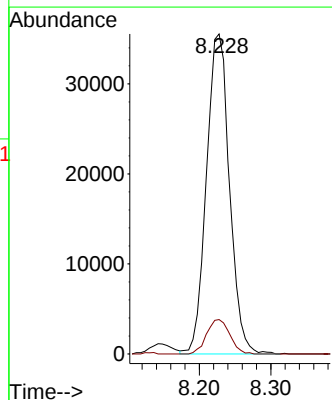
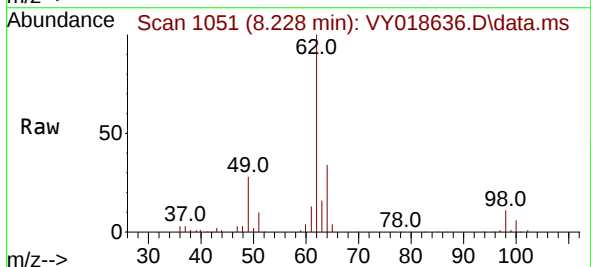
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

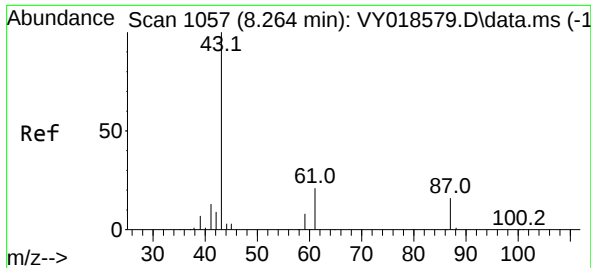
Tgt Ion: 41 Resp: 23364
Ion Ratio Lower Upper
41 100
39 53.9 48.0 72.0
67 91.9 75.1 112.7
52 37.3 29.8 44.6



#42
1,2-Dichloroethane
Concen: 45.906 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 62 Resp: 79617
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

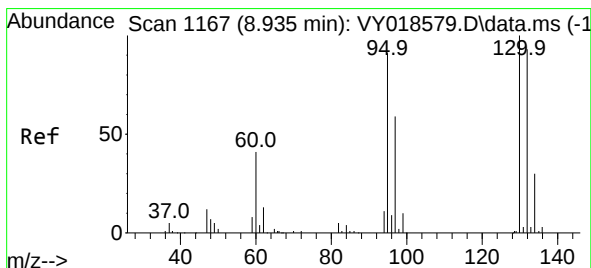
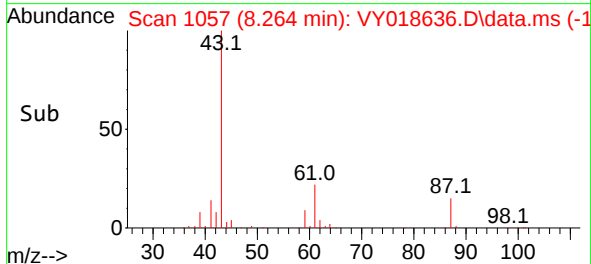
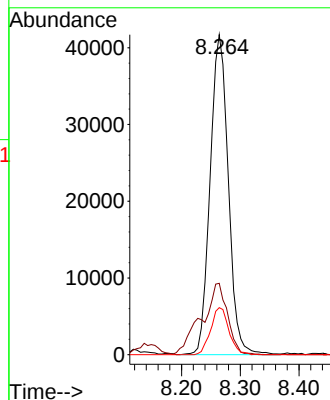
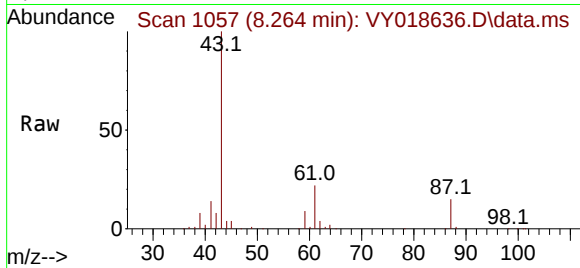




#43
Isopropyl Acetate
Concen: 47.403 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

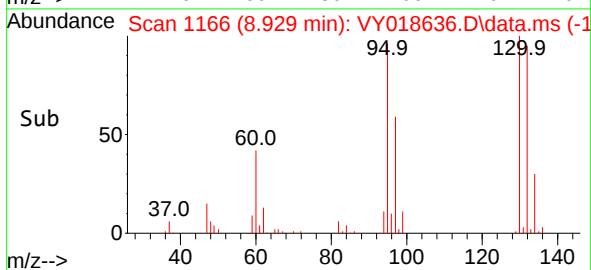
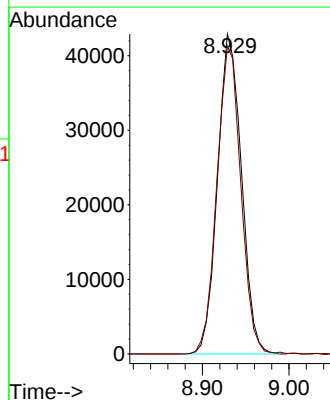
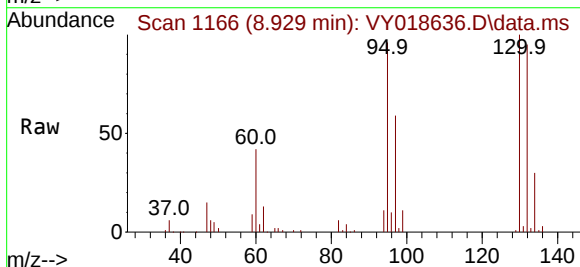
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

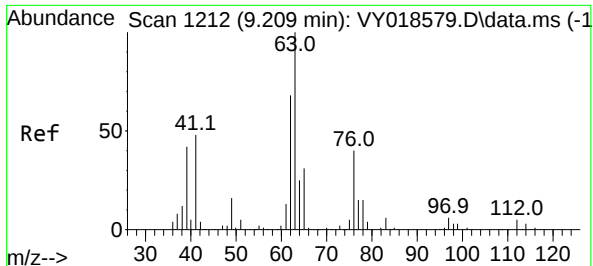
Tgt Ion: 43 Resp: 89653
Ion Ratio Lower Upper
43 100
61 31.7 27.9 41.9
87 14.7 13.1 19.7



#44
Trichloroethene
Concen: 47.266 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion:130 Resp: 82267
Ion Ratio Lower Upper
130 100
95 96.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 46.912 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

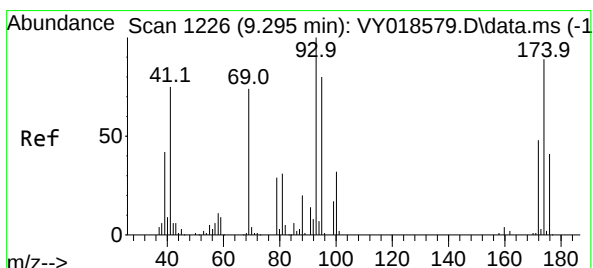
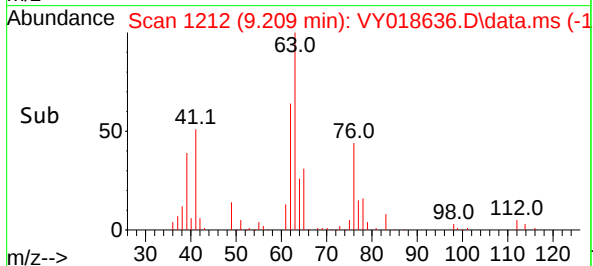
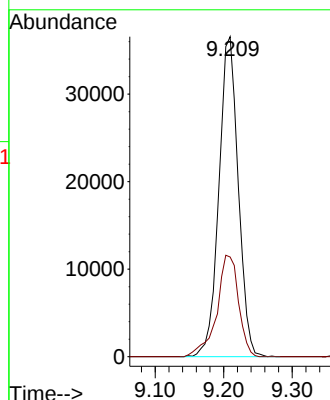
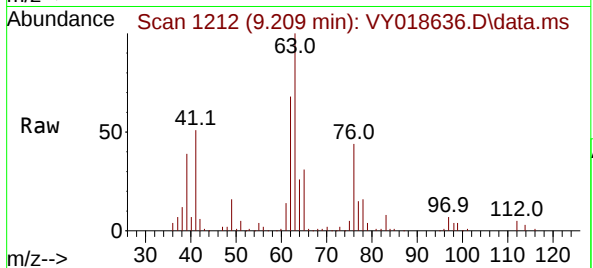
VSTDCCC050

Tgt Ion: 63 Resp: 71311

Ion Ratio Lower Upper

63 100

65 31.1 25.4 38.2



#46

Dibromomethane

Concen: 46.841 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

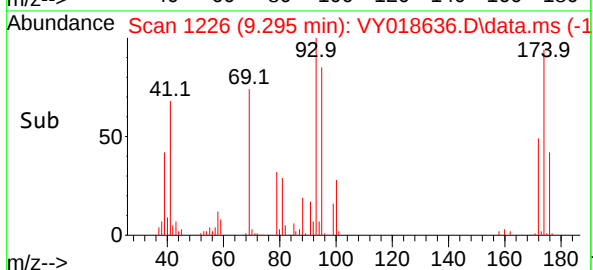
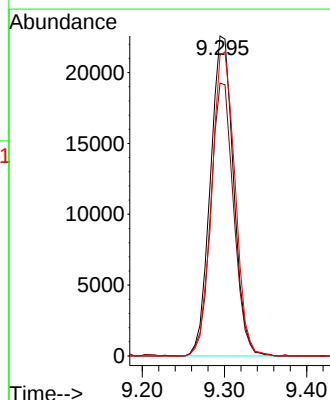
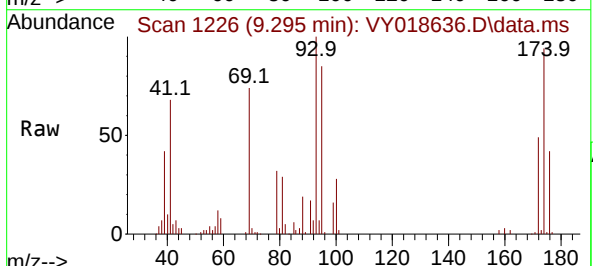
Tgt Ion: 93 Resp: 44181

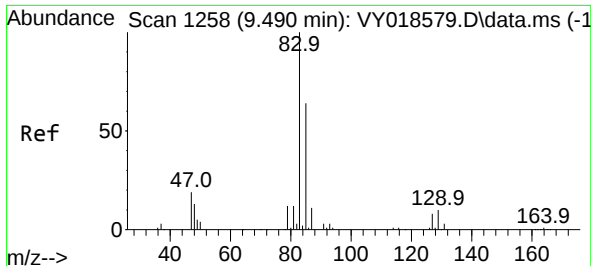
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.4

174 95.4 80.9 121.3

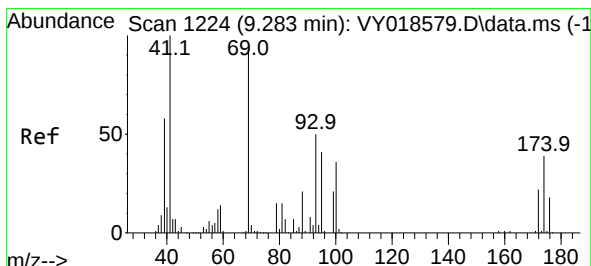
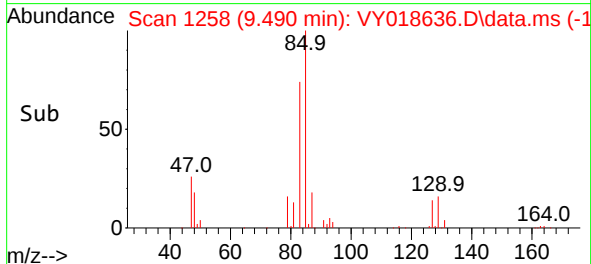
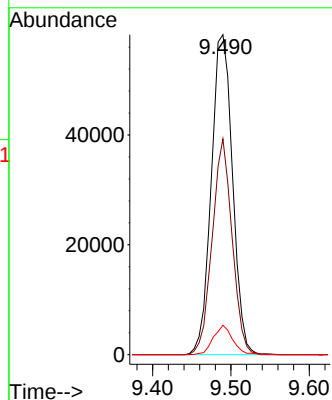
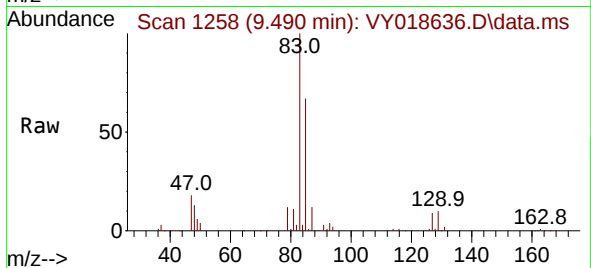




#47
Bromodichloromethane
Concen: 48.809 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

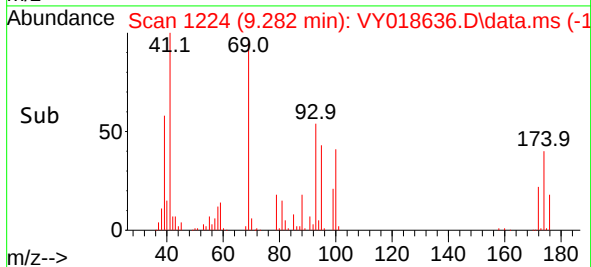
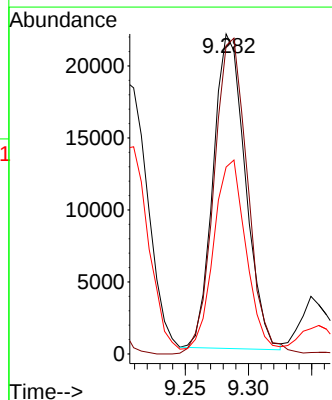
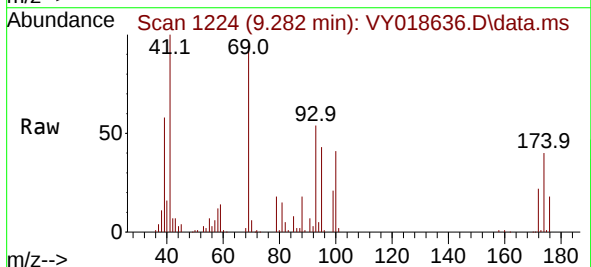
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

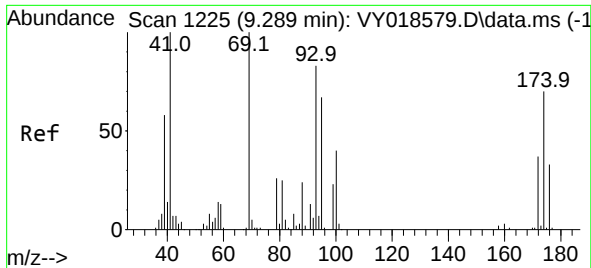
Tgt Ion: 83 Resp: 109878
Ion Ratio Lower Upper
83 100
85 67.4 50.1 75.1
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 45.264 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 41 Resp: 38540
Ion Ratio Lower Upper
41 100
69 105.1 84.1 126.1
39 60.7 43.6 65.4

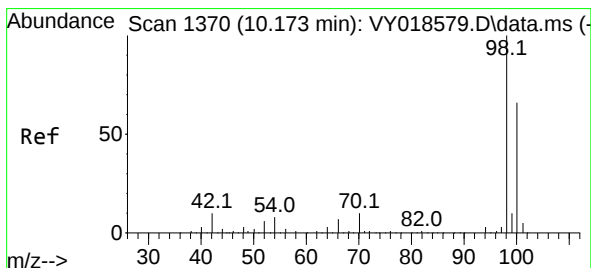
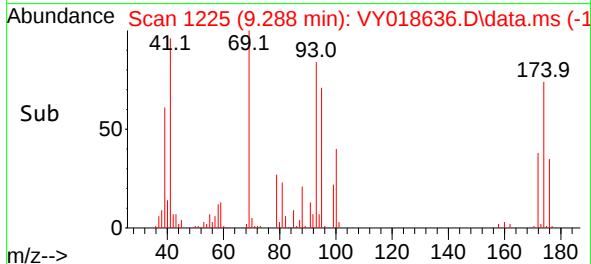
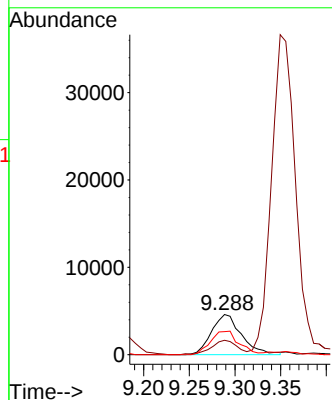
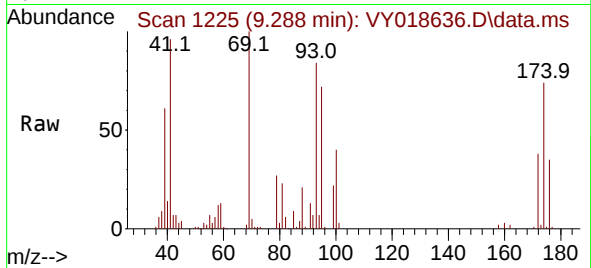




#49
1,4-Dioxane
Concen: 846.605 ug/l
RT: 9.288 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

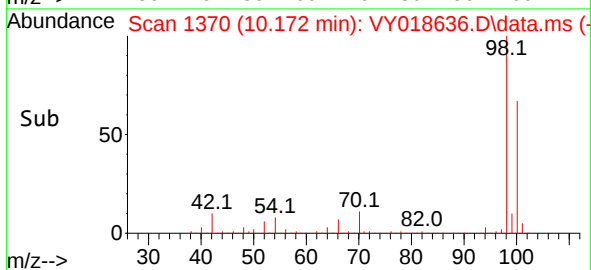
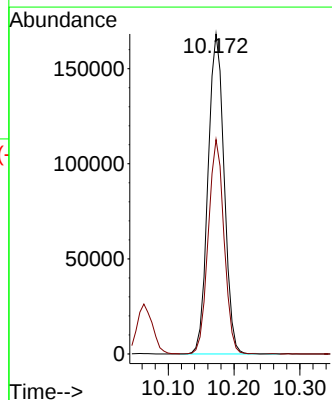
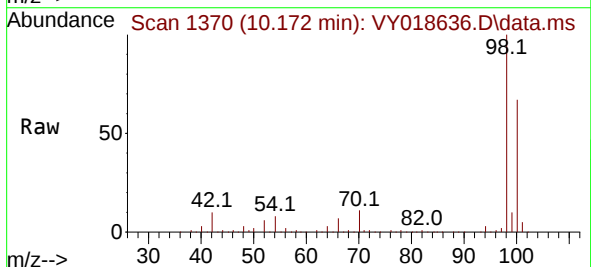
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

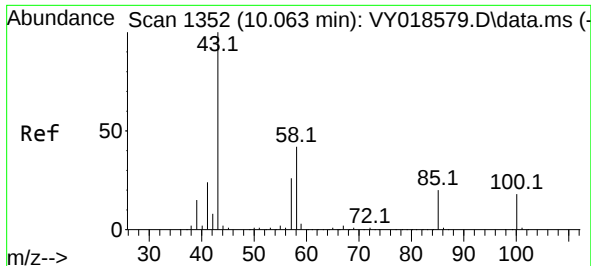
Tgt Ion: 88 Resp: 10502
Ion Ratio Lower Upper
88 100
43 30.8 0.0 0.0#
58 55.8 49.3 73.9



#50
Toluene-d8
Concen: 47.649 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 98 Resp: 286161
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

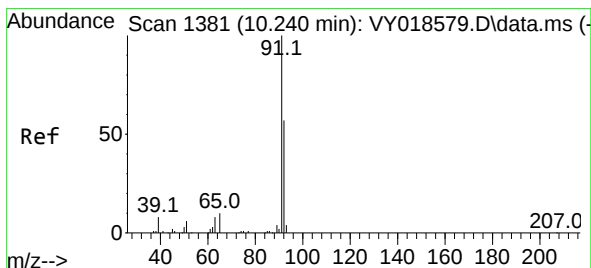
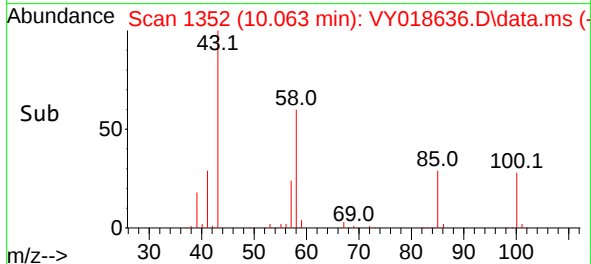
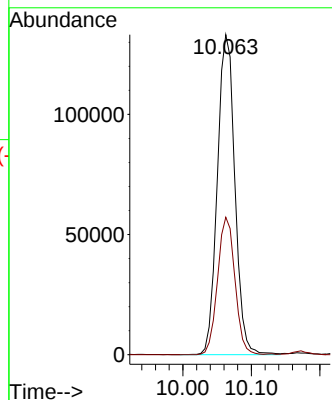
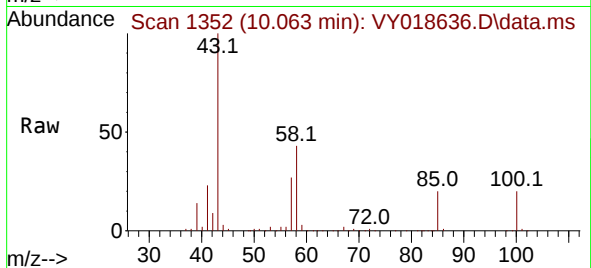




#51
4-Methyl-2-Pentanone
Concen: 236.987 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

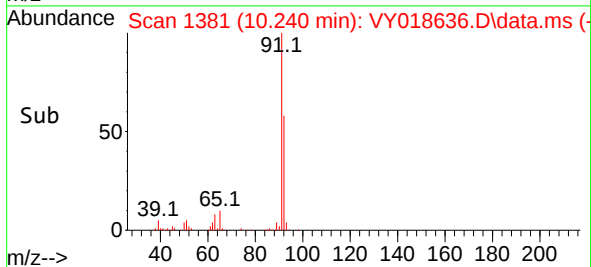
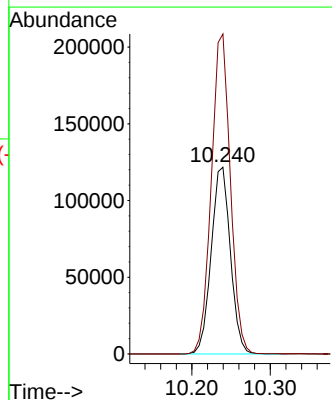
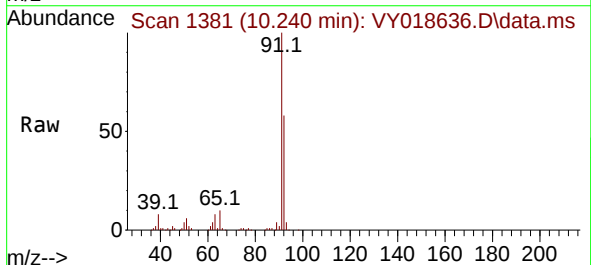
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

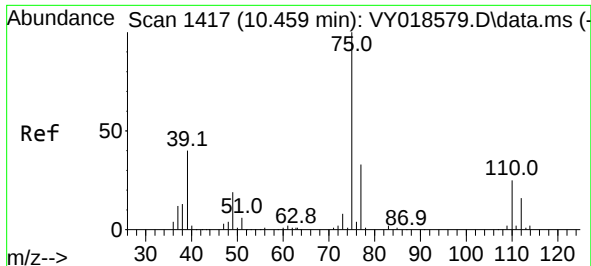
Tgt Ion: 43 Resp: 236094
Ion Ratio Lower Upper
43 100
58 42.5 35.7 53.5



#52
Toluene
Concen: 48.500 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 92 Resp: 207007
Ion Ratio Lower Upper
92 100
91 170.4 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 49.152 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

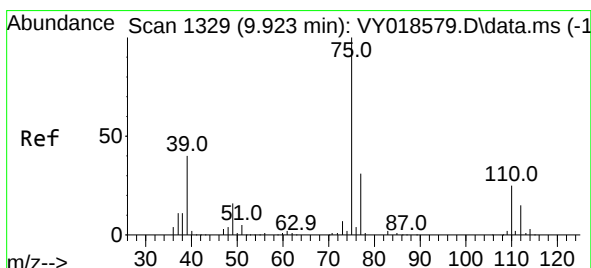
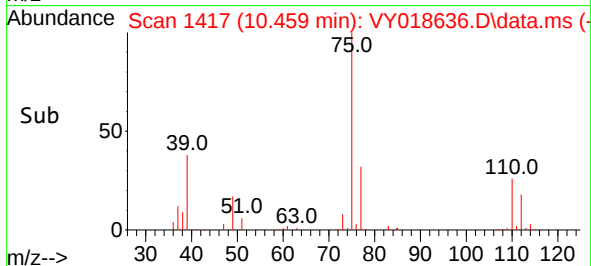
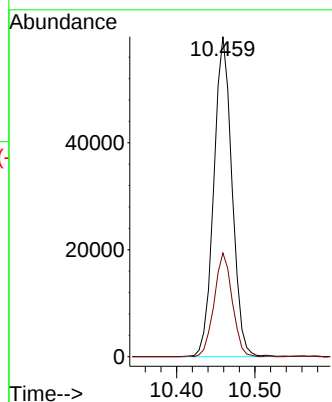
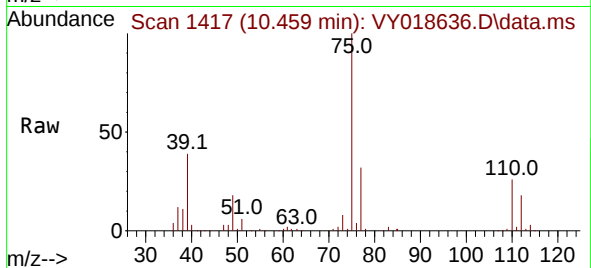
VSTDCCC050

Tgt Ion: 75 Resp: 96697

Ion Ratio Lower Upper

75 100

77 32.4 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 48.678 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

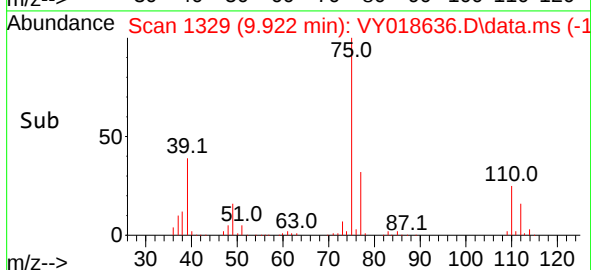
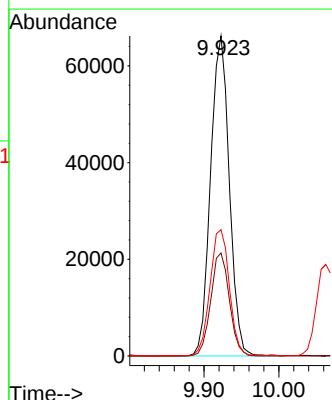
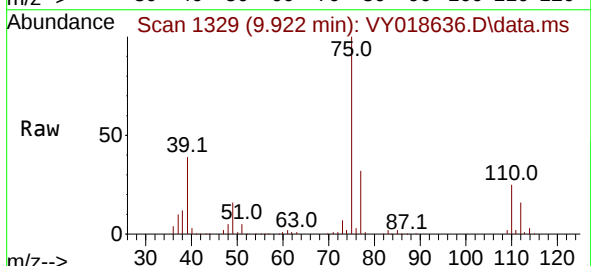
Tgt Ion: 75 Resp: 115564

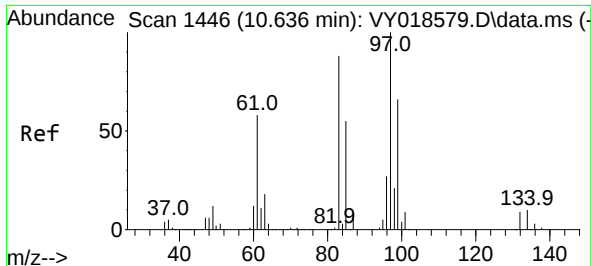
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

39 39.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 47.398 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 59463

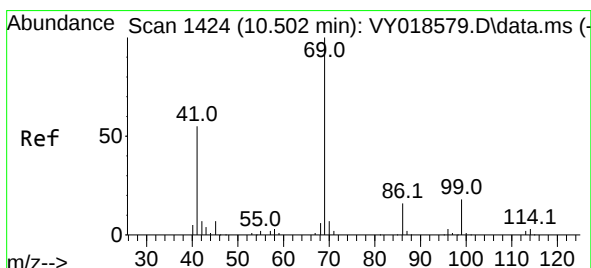
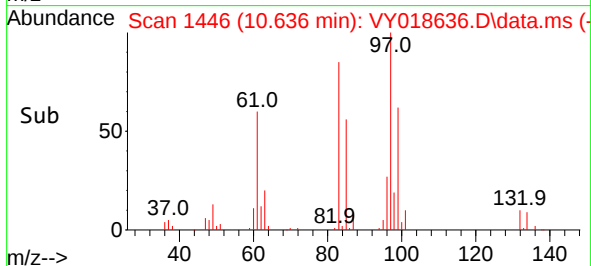
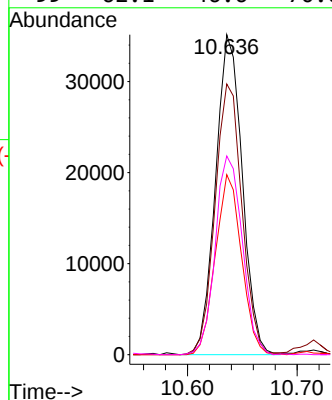
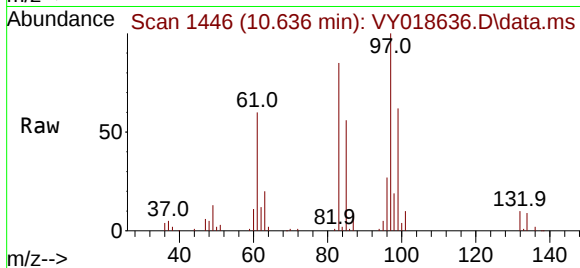
Ion Ratio Lower Upper

97 100

83 84.6 67.5 101.3

85 56.2 42.9 64.3

99 62.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 49.201 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

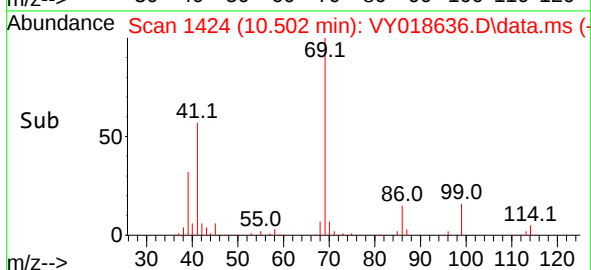
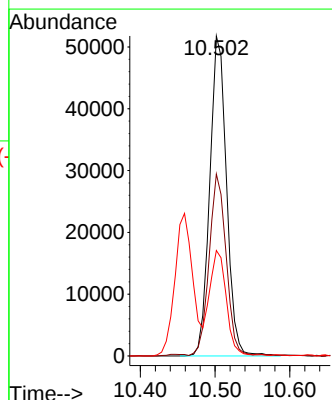
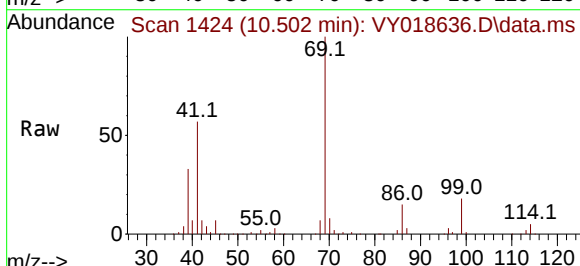
Tgt Ion: 69 Resp: 80770

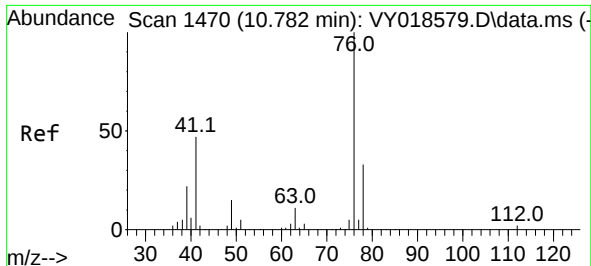
Ion Ratio Lower Upper

69 100

41 57.1 42.3 63.5

39 32.5 22.9 34.3

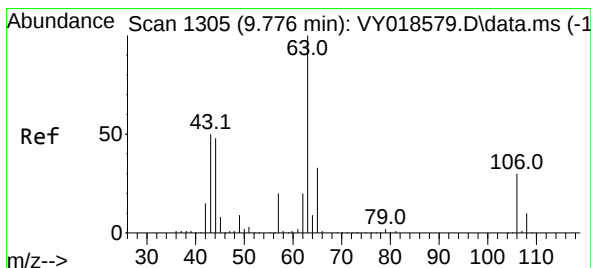
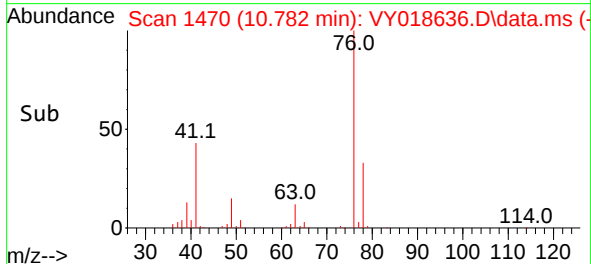
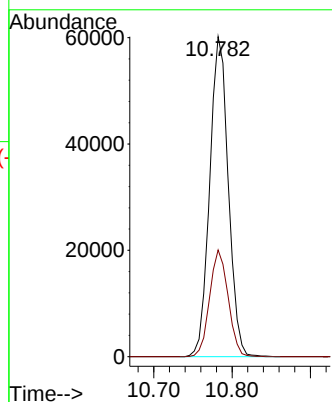
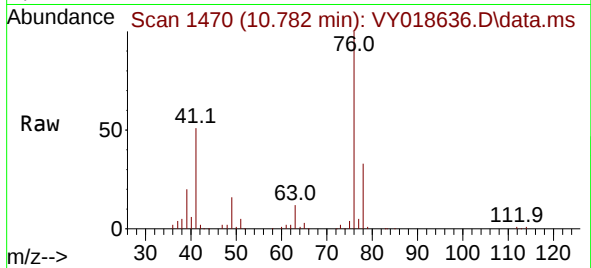




#57
1,3-Dichloropropane
Concen: 47.594 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

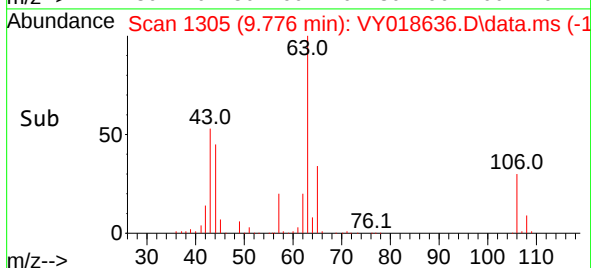
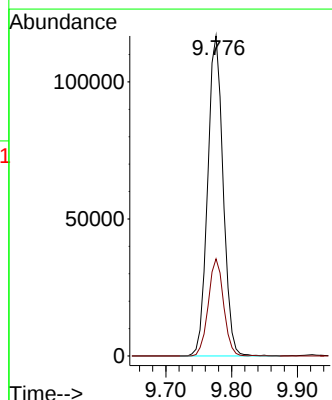
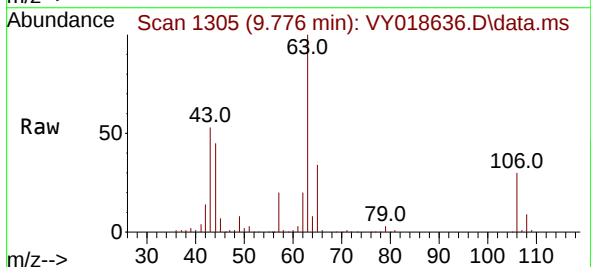
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

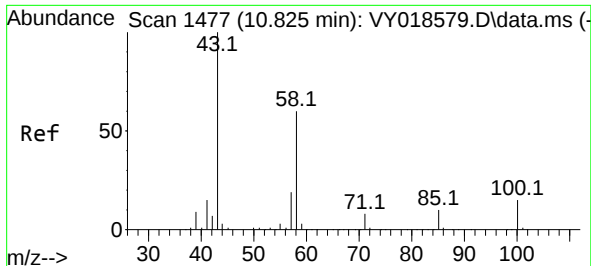
Tgt Ion: 76 Resp: 99184
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 240.597 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 63 Resp: 190677
Ion Ratio Lower Upper
63 100
106 30.0 23.7 35.5

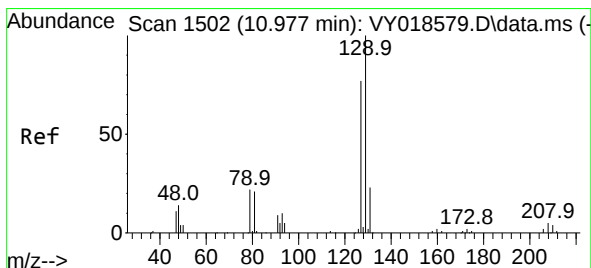
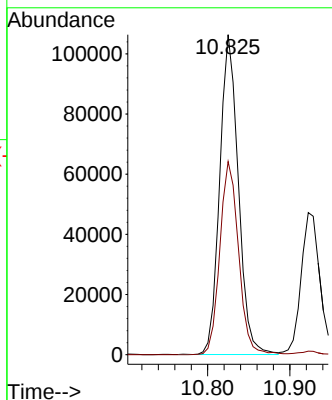
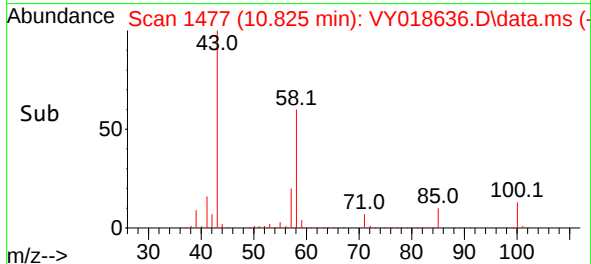
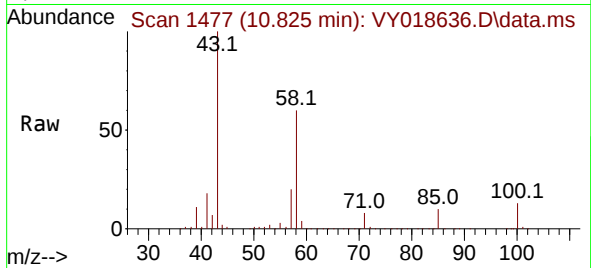




#59
2-Hexanone
Concen: 239.864 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

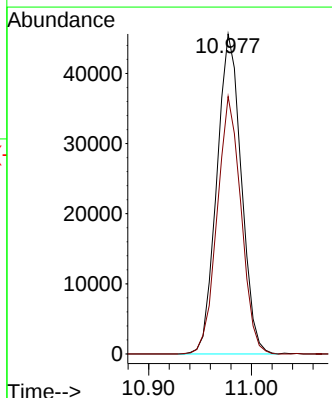
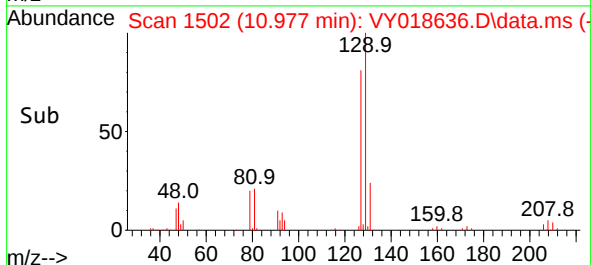
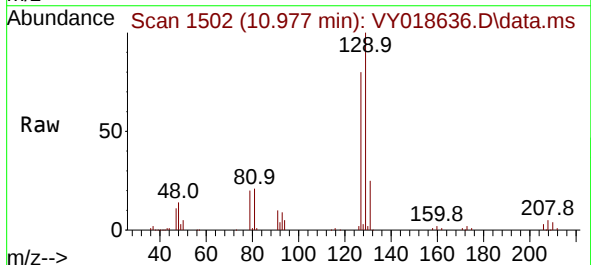
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

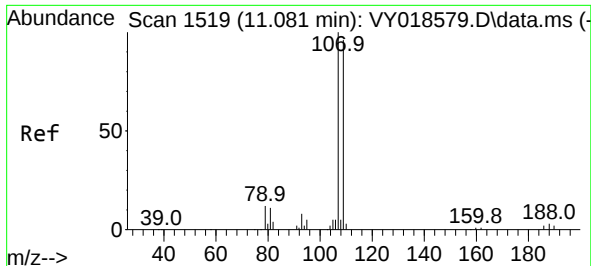
Tgt Ion: 43 Resp: 167383
Ion Ratio Lower Upper
43 100
58 60.7 31.4 94.0



#60
Dibromochloromethane
Concen: 48.486 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 129 Resp: 75561
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

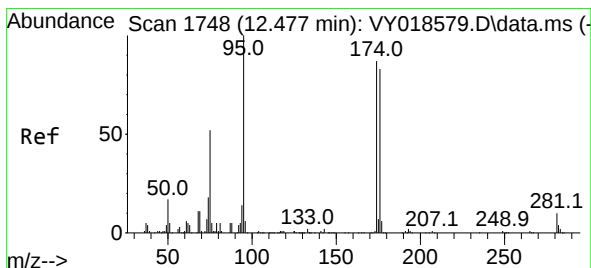
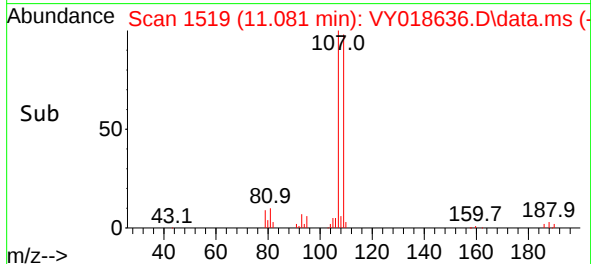
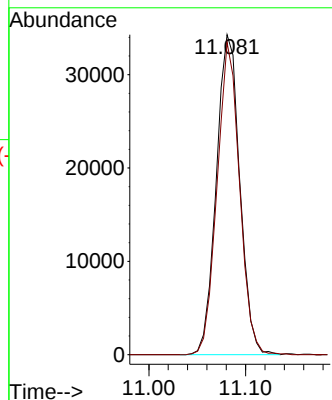
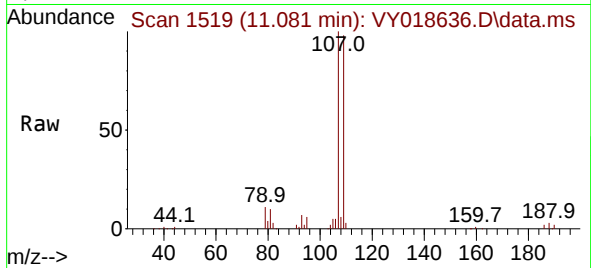




#61
1,2-Dibromoethane
Concen: 49.724 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

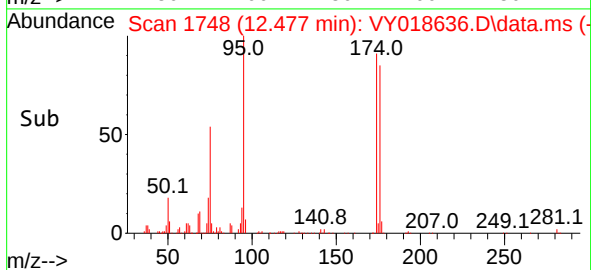
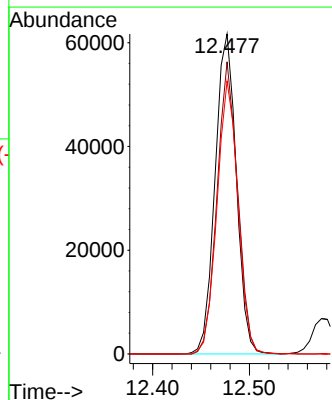
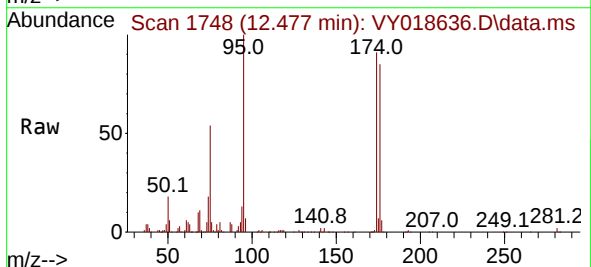
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

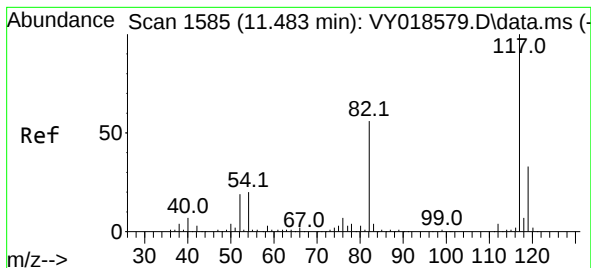
Tgt Ion:107 Resp: 57651
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.514 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 95 Resp: 93899
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.6
176 84.4 0.0 171.4

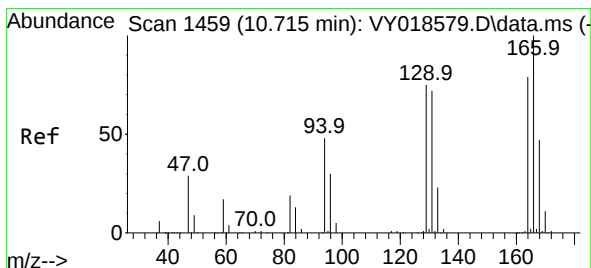
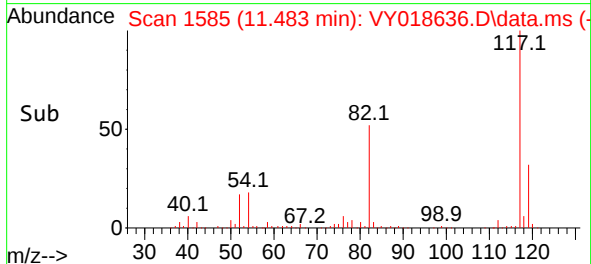
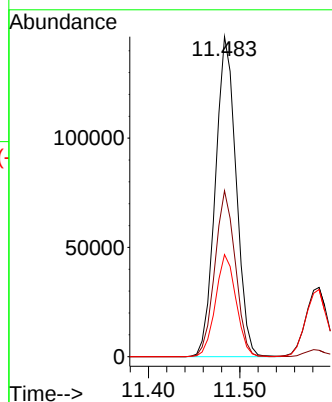
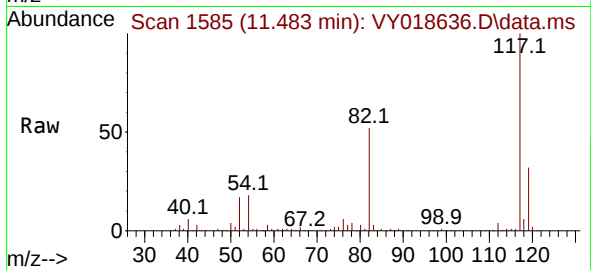




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

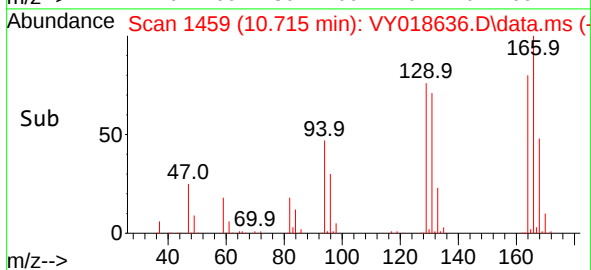
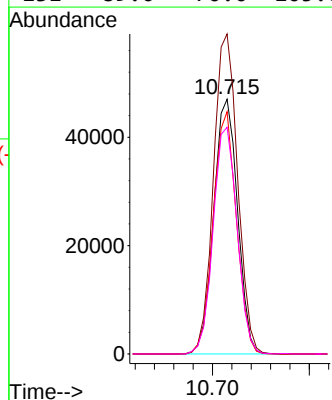
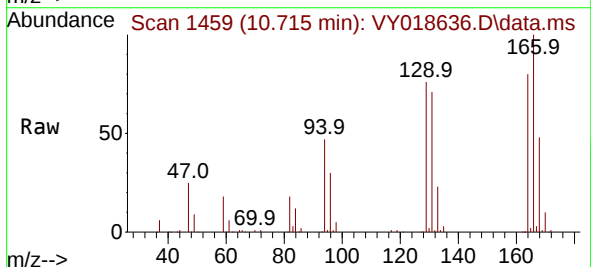
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

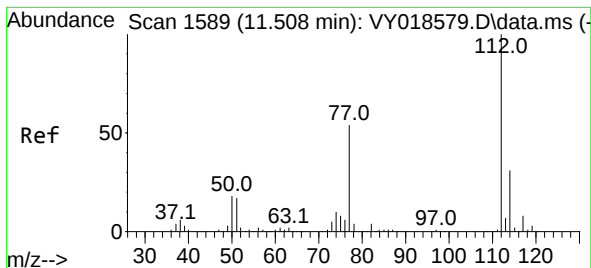
Tgt Ion:117 Resp: 231297
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 48.813 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion:164 Resp: 80528
Ion Ratio Lower Upper
164 100
166 125.6 102.6 154.0
129 95.1 72.0 108.0
131 89.0 70.0 105.0





#65

Chlorobenzene

Concen: 48.486 ug/l

RT: 11.508 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

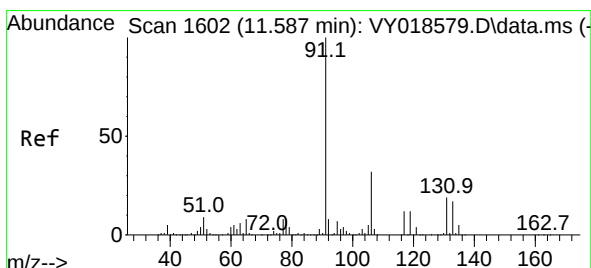
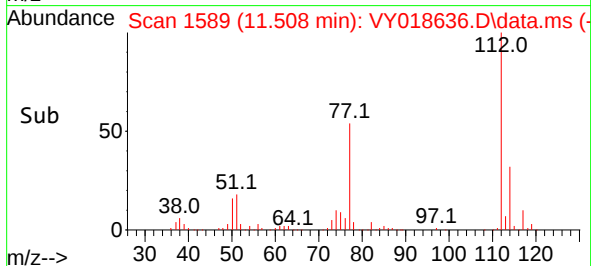
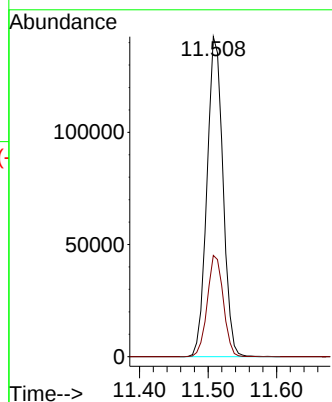
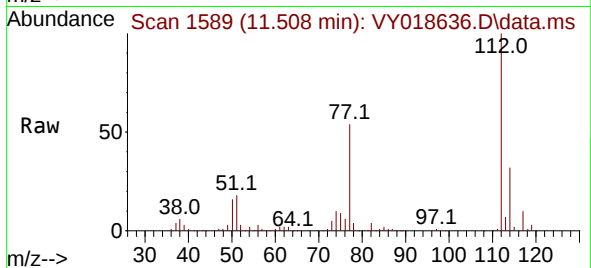
VSTDCCC050

Tgt Ion:112 Resp: 231672

Ion Ratio Lower Upper

112 100

114 31.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.350 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

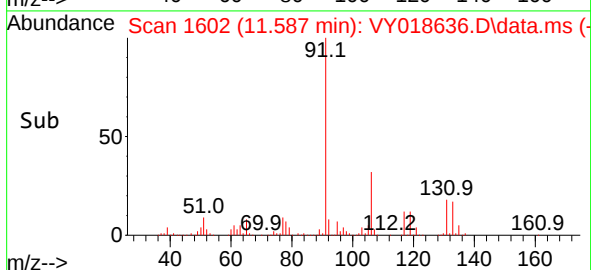
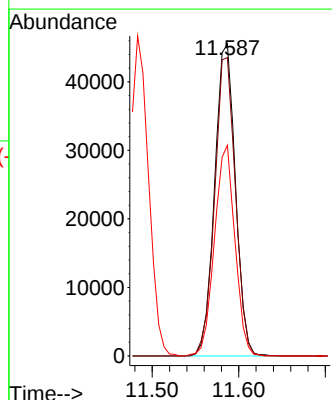
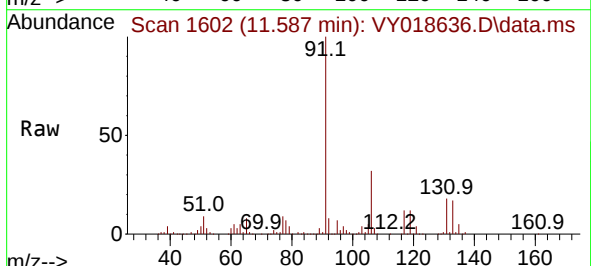
Tgt Ion:131 Resp: 75817

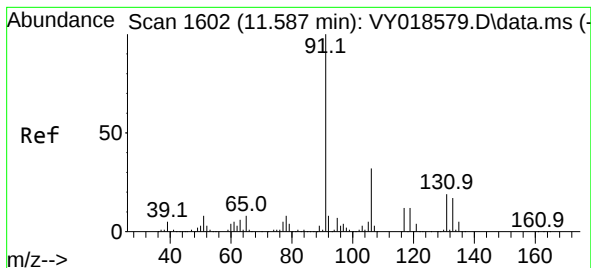
Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.3

119 66.5 34.1 102.2





#67

Ethyl Benzene

Concen: 48.215 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

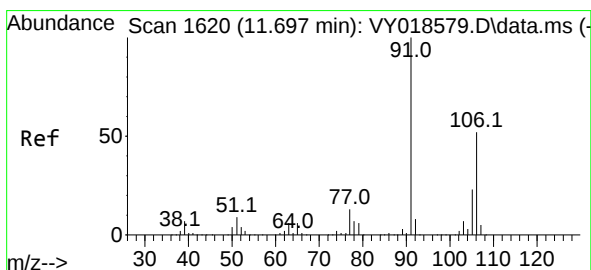
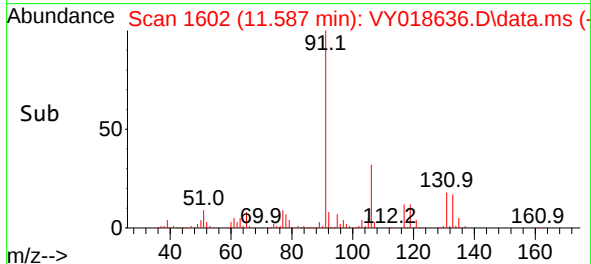
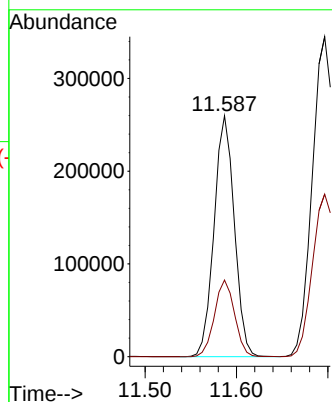
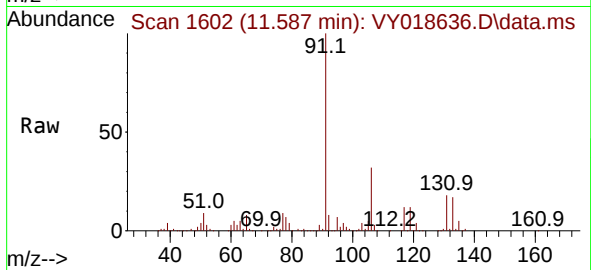
VSTDCCC050

Tgt Ion: 91 Resp: 399731

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 98.198 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY018636.D

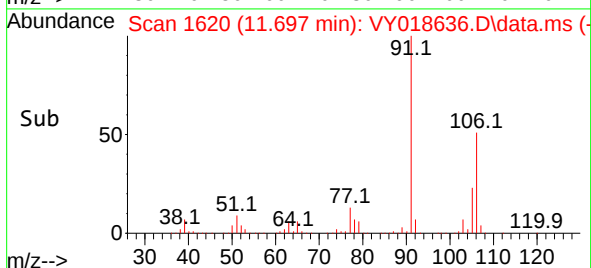
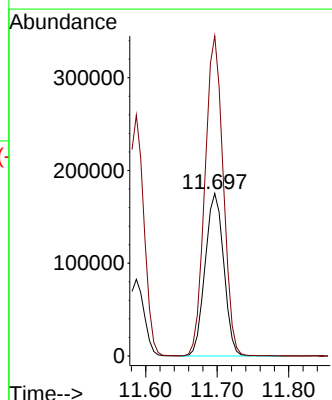
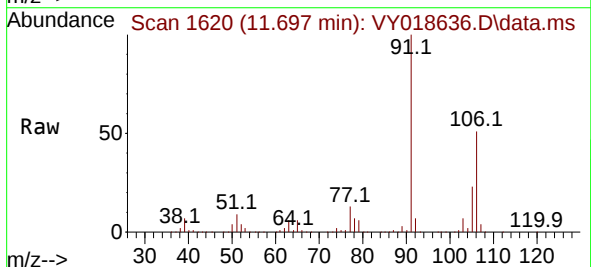
Acq: 19 Jun 2024 10:55

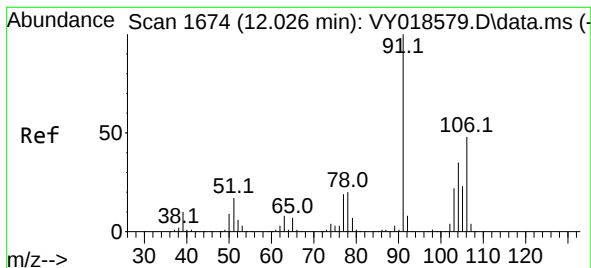
Tgt Ion: 106 Resp: 316789

Ion Ratio Lower Upper

106 100

91 192.9 156.0 234.0





#69

o-Xylene

Concen: 48.161 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

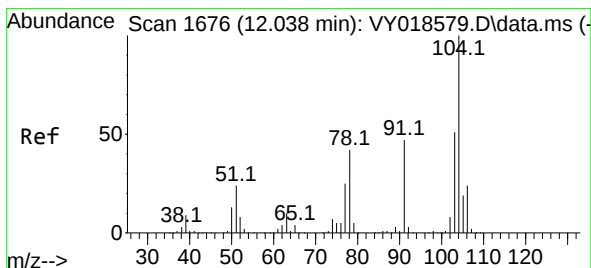
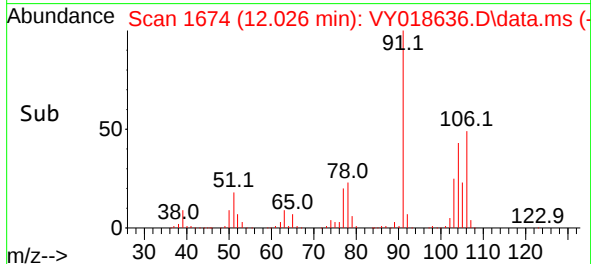
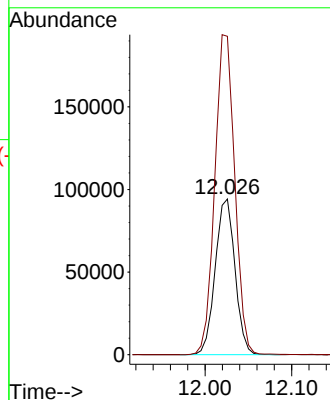
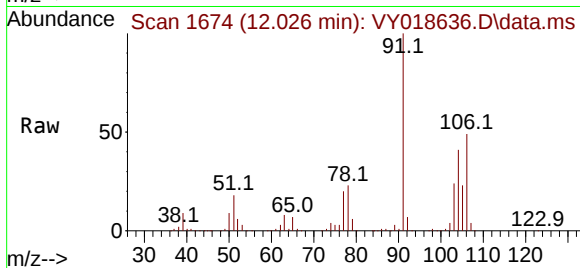
VSTDCCC050

Tgt Ion:106 Resp: 149409

Ion Ratio Lower Upper

106 100

91 207.8 103.6 310.8



#70

Styrene

Concen: 50.086 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

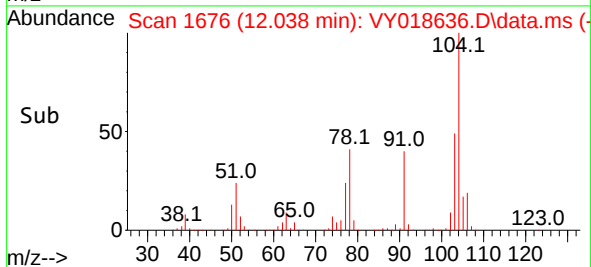
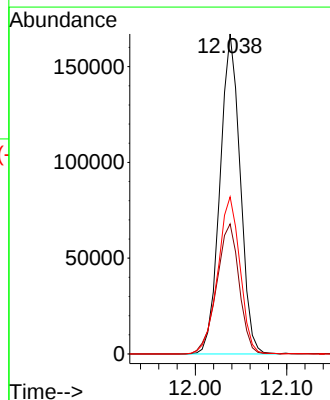
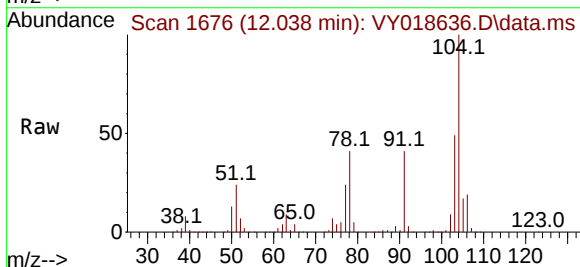
Tgt Ion:104 Resp: 256688

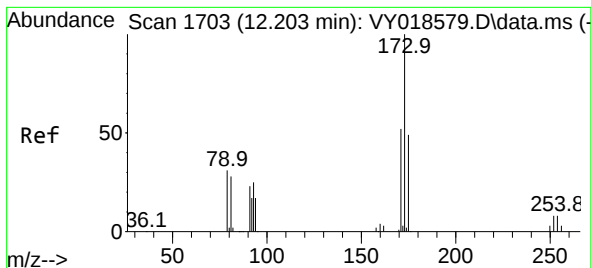
Ion Ratio Lower Upper

104 100

78 45.3 37.0 55.4

103 53.9 44.2 66.2





#71

Bromoform

Concen: 49.846 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

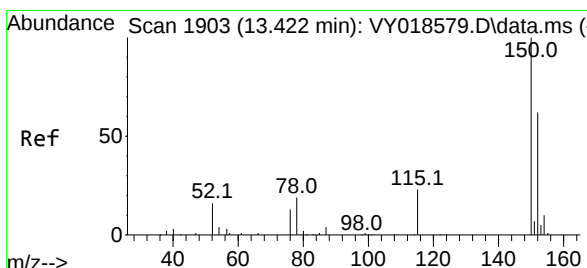
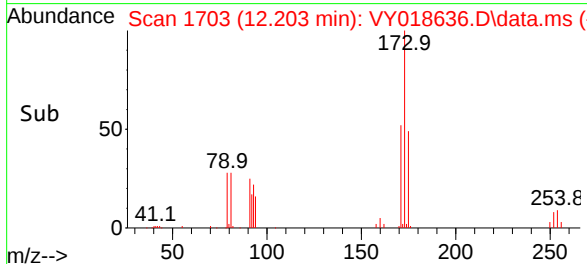
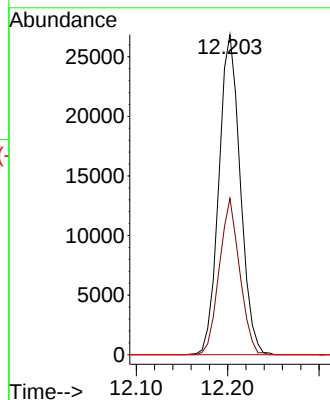
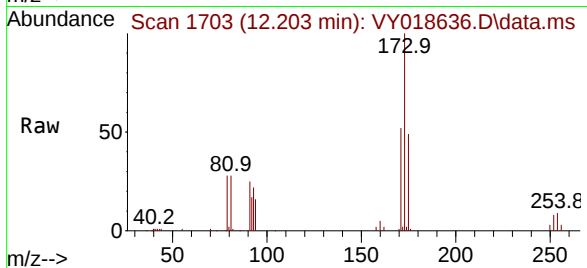
Tgt Ion:173 Resp: 43795

Ion Ratio Lower Upper

173 100

175 46.4 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: VY018636.D

Acq: 19 Jun 2024 10:55

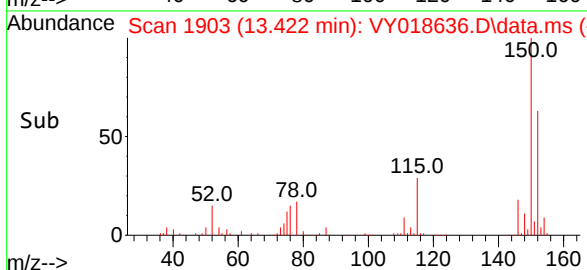
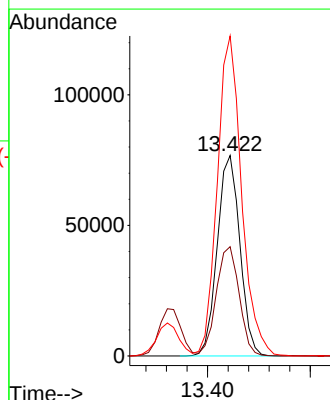
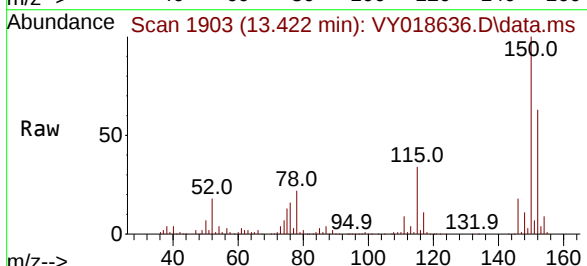
Tgt Ion:152 Resp: 117045

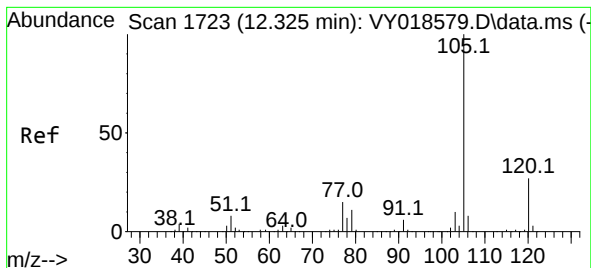
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 171.7 0.0 345.6





#73

Isopropylbenzene

Concen: 45.334 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

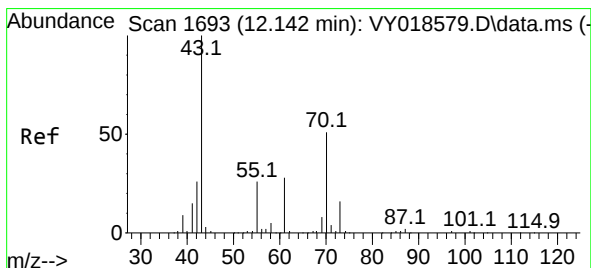
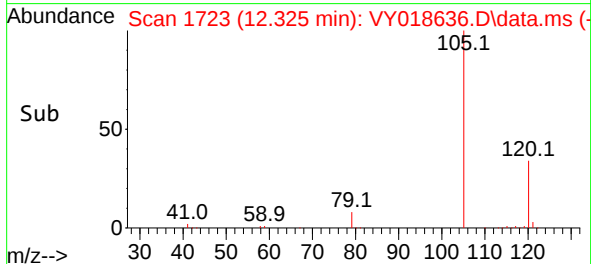
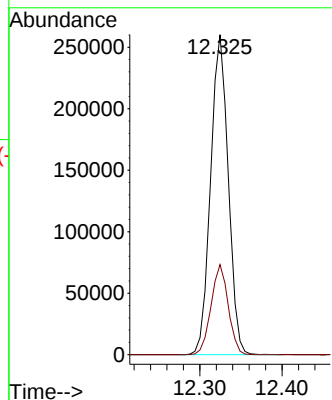
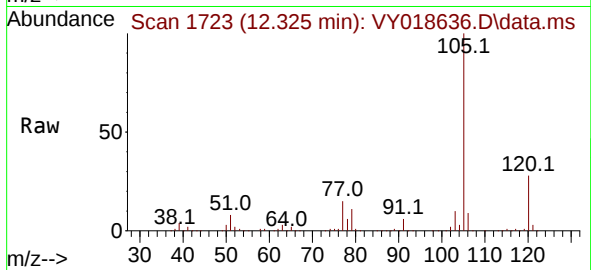
VSTDCCC050

Tgt Ion:105 Resp: 387470

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 47.343 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Tgt Ion: 43 Resp: 82859

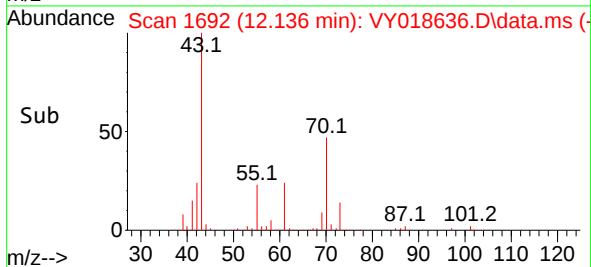
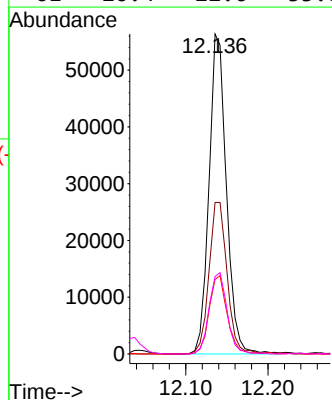
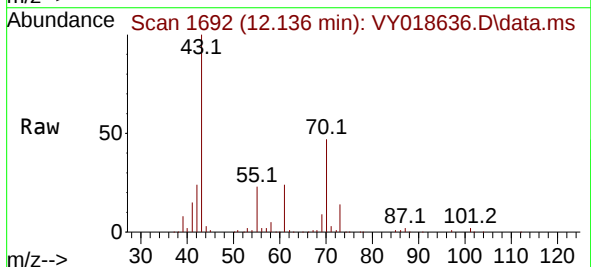
Ion Ratio Lower Upper

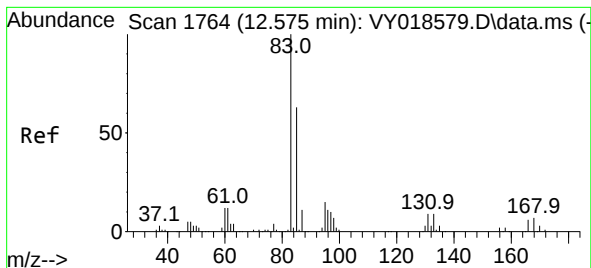
43 100

70 49.4 41.4 62.2

55 25.5 23.3 34.9

61 26.4 22.6 33.8





#75

1,1,2-Tetrachloroethane

Concen: 45.141 ug/l

RT: 12.574 min Scan# 1764

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

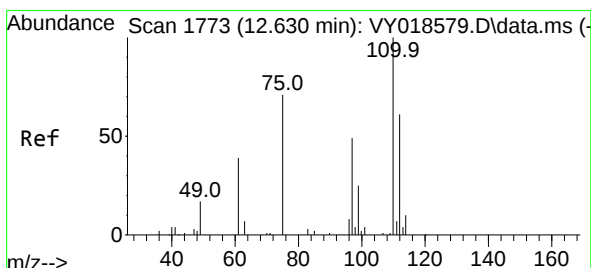
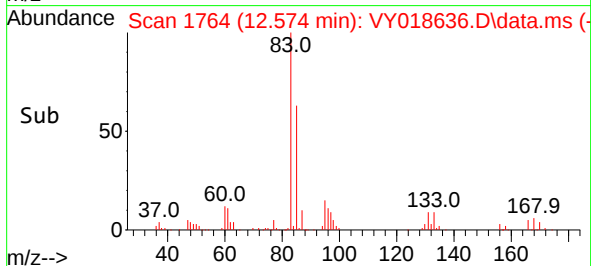
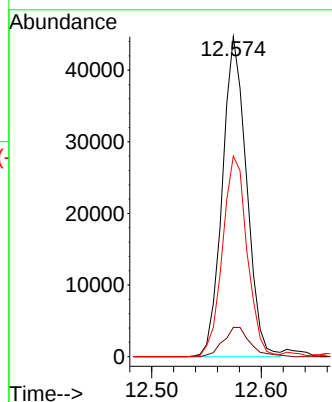
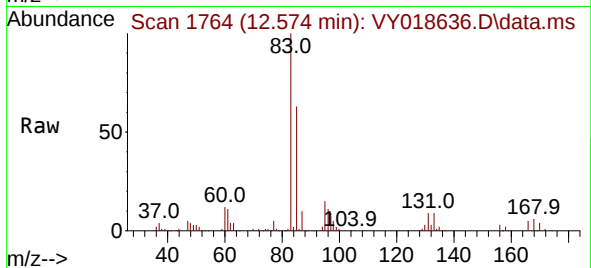
Tgt Ion: 83 Resp: 68506

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 63.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 44.883 ug/l m

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY018636.D

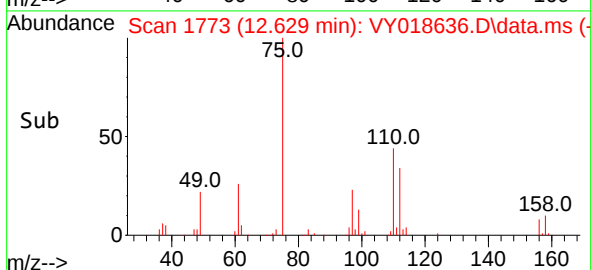
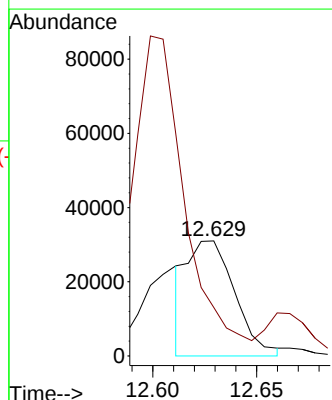
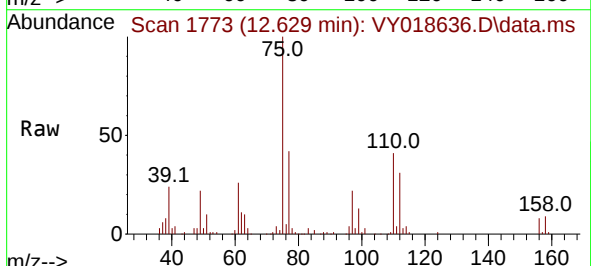
Acq: 19 Jun 2024 10:55

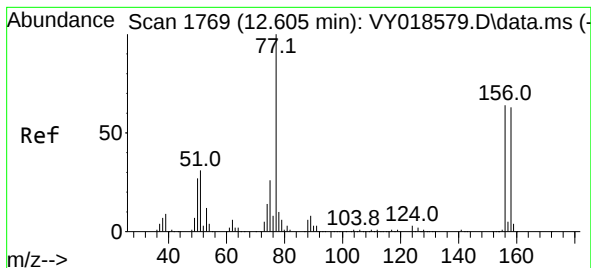
Tgt Ion: 75 Resp: 49278

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.843 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

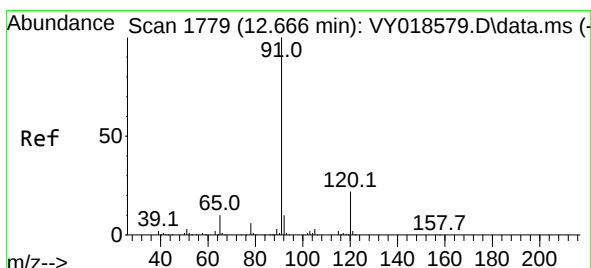
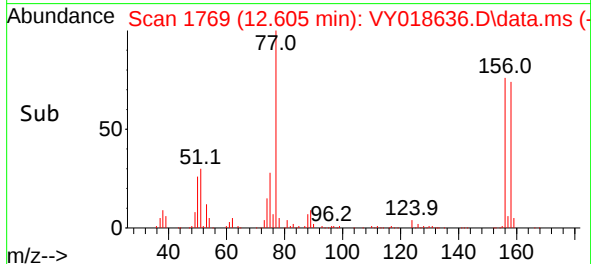
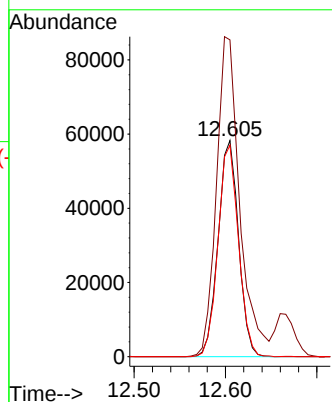
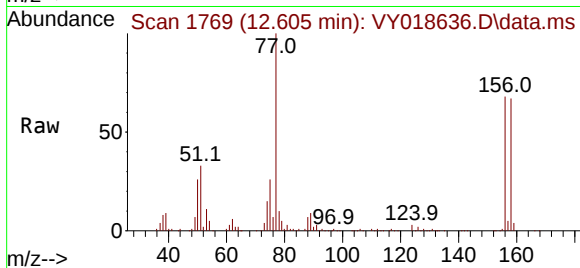
Tgt Ion:156 Resp: 90614

Ion Ratio Lower Upper

156 100

77 168.9 87.1 261.3

158 98.1 48.6 145.9



#78

n-propylbenzene

Concen: 46.400 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY018636.D

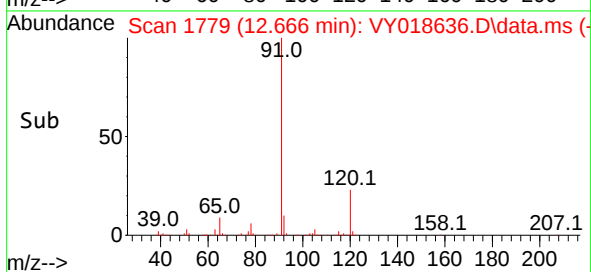
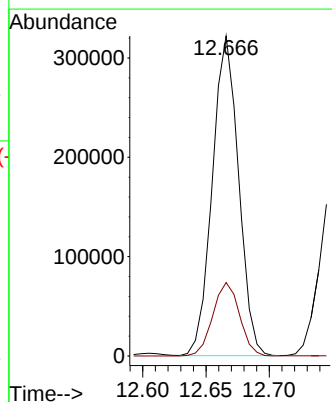
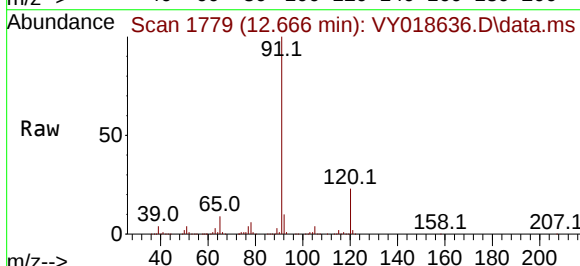
Acq: 19 Jun 2024 10:55

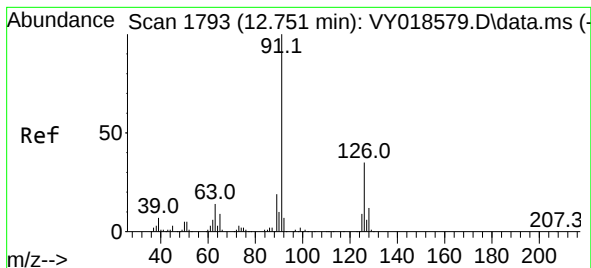
Tgt Ion: 91 Resp: 464114

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

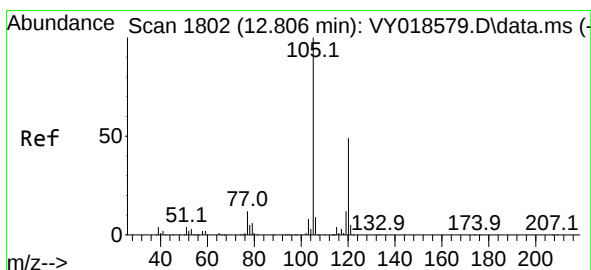
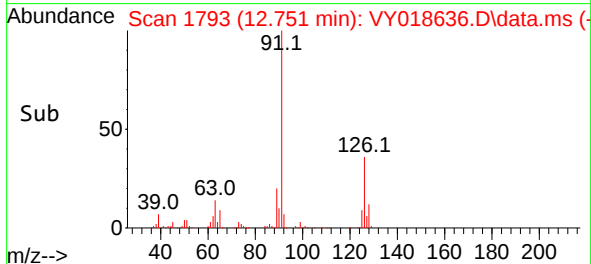
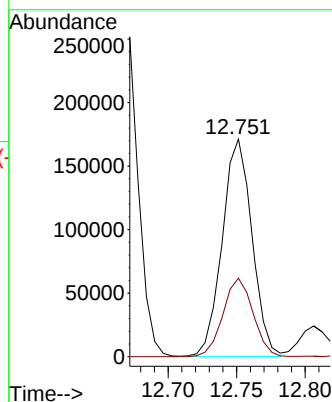
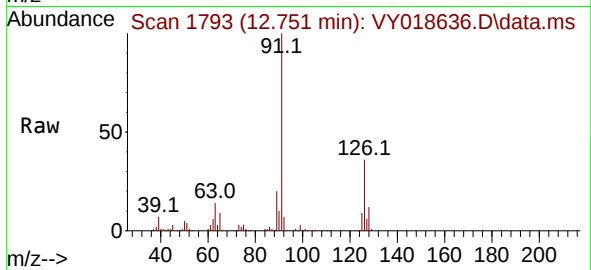




#79
2-Chlorotoluene
Concen: 45.749 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

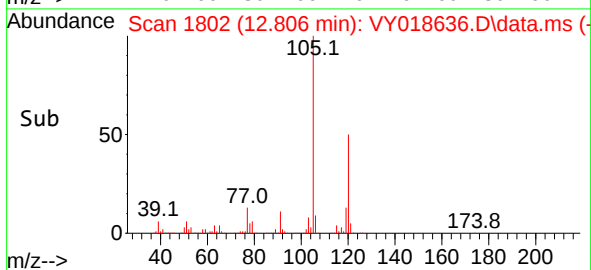
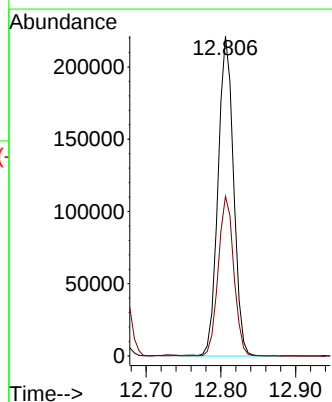
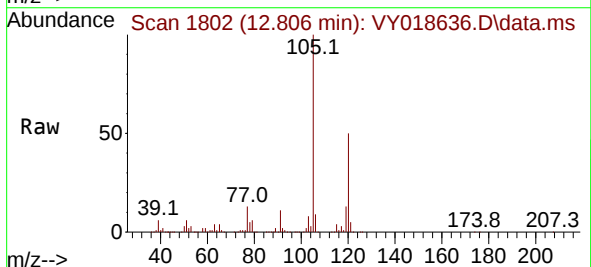
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

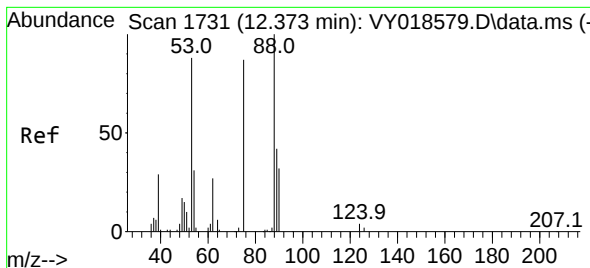
Tgt Ion: 91 Resp: 258312
Ion Ratio Lower Upper
91 100
126 36.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 47.214 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 105 Resp: 319823
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.2

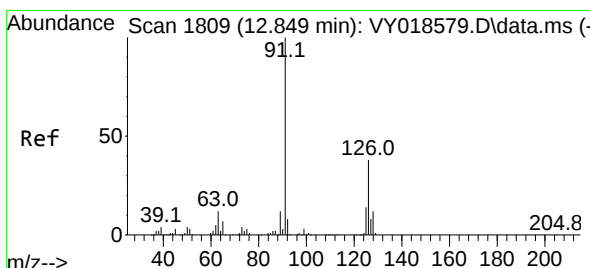
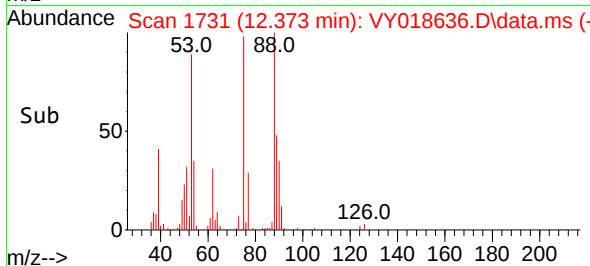
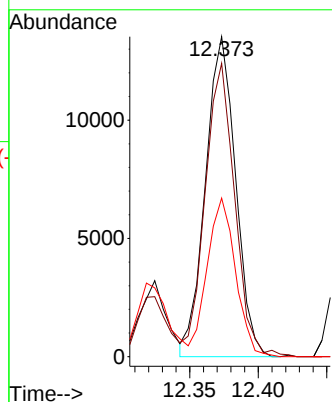
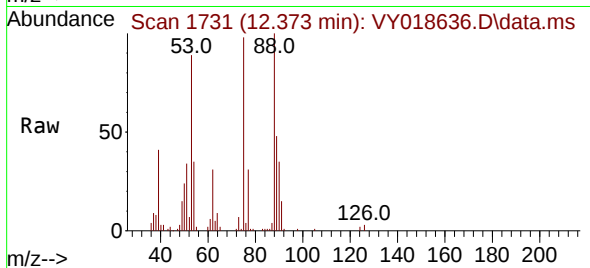




#81
trans-1,4-Dichloro-2-butene
Concen: 49.380 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

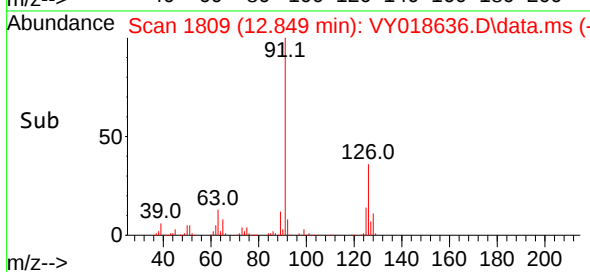
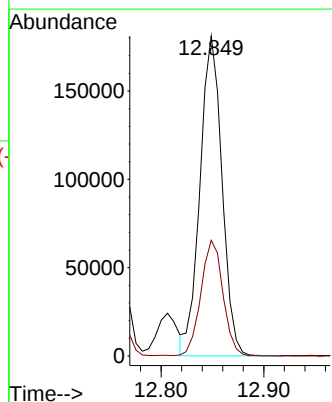
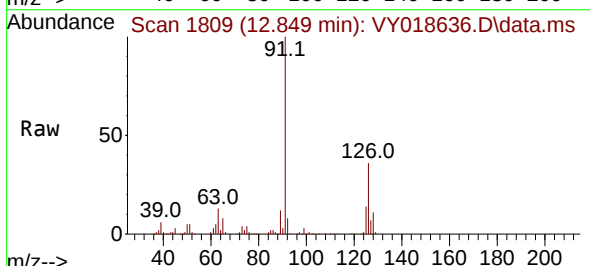
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

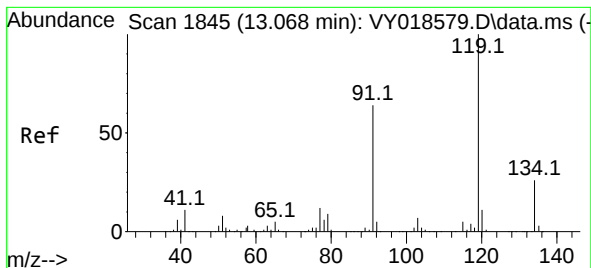
Tgt Ion:	75	Resp:	20698
Ion	Ratio	Lower	Upper
75	100		
53	90.0	66.8	100.2
89	46.6	35.8	53.6



#82
4-Chlorotoluene
Concen: 47.449 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion:	91	Resp:	269784
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.6	52.9





#83

tert-Butylbenzene

Concen: 46.255 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

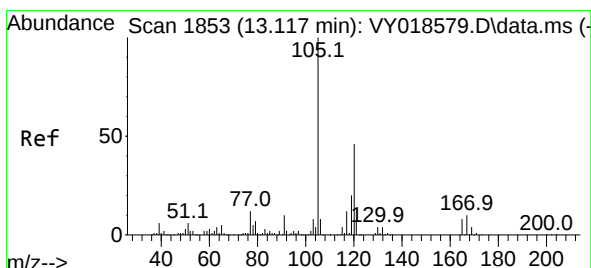
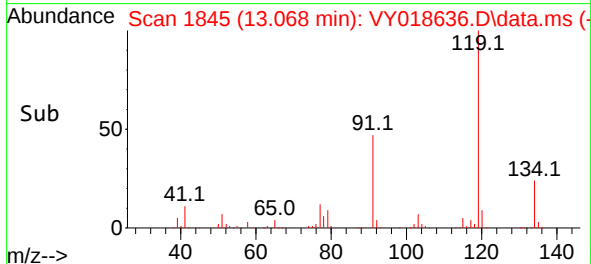
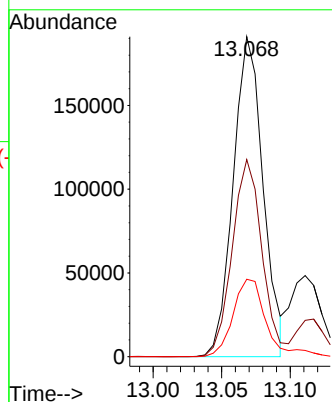
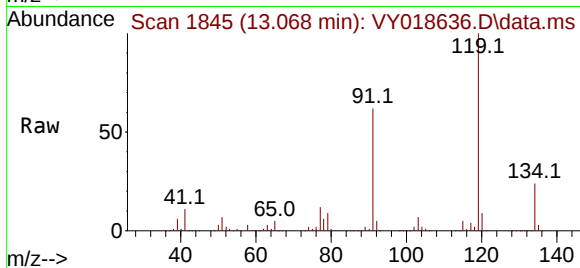
Tgt Ion:119 Resp: 289991

Ion Ratio Lower Upper

119 100

91 61.9 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 46.965 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018636.D

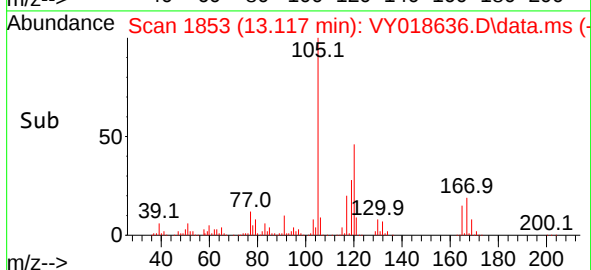
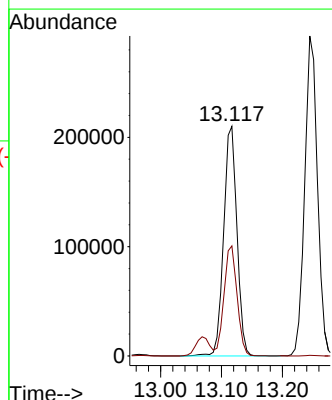
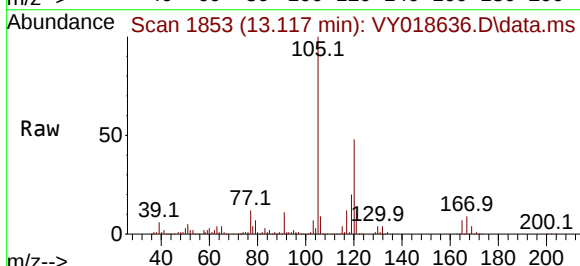
Acq: 19 Jun 2024 10:55

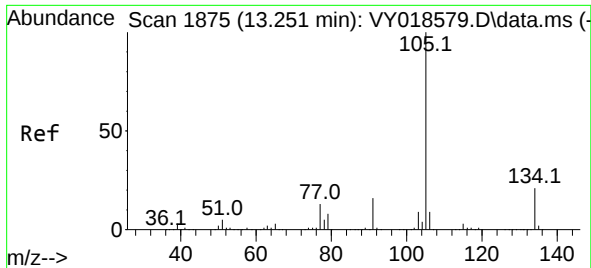
Tgt Ion:105 Resp: 317975

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6

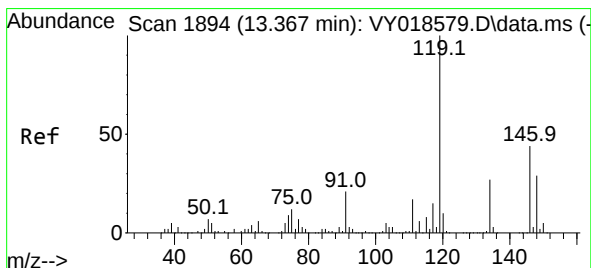
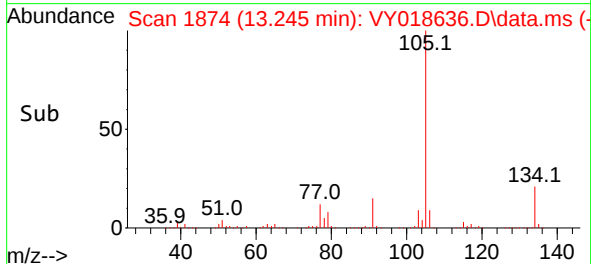
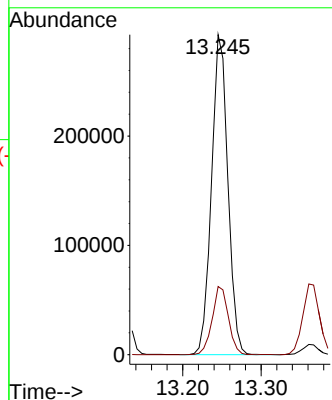
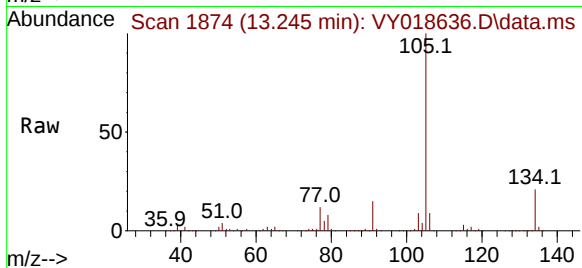




#85
 sec-Butylbenzene
 Concen: 47.384 ug/l
 RT: 13.245 min Scan# 1874
 Delta R.T. -0.006 min
 Lab File: VY018636.D
 Acq: 19 Jun 2024 10:55

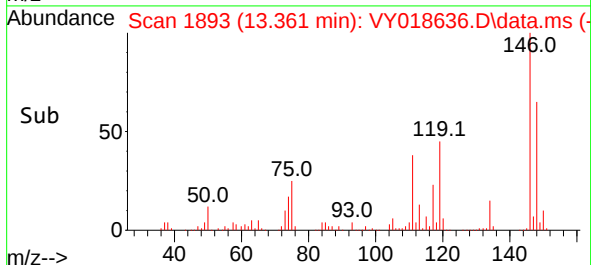
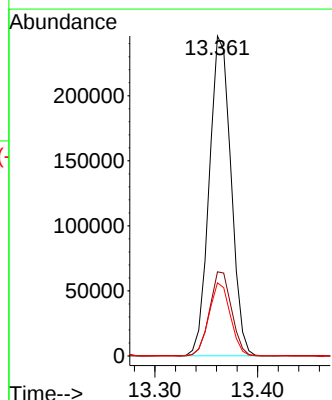
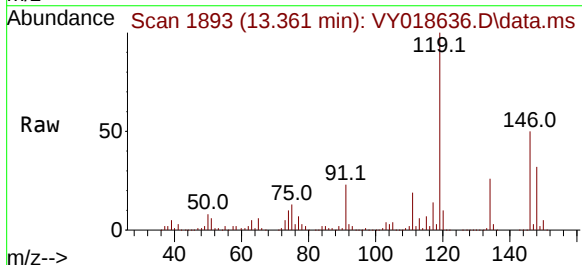
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

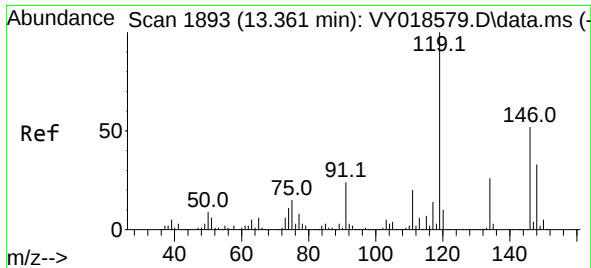
Tgt Ion:105 Resp: 423689
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 47.550 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VY018636.D
 Acq: 19 Jun 2024 10:55

Tgt Ion:119 Resp: 360454
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 46.837 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

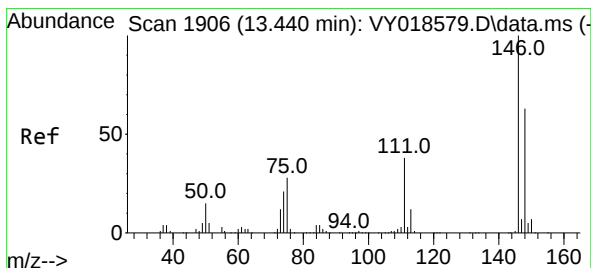
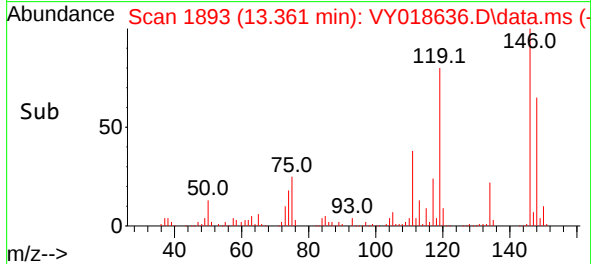
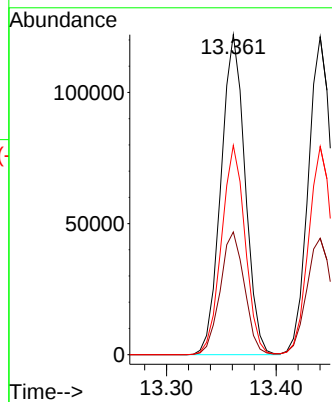
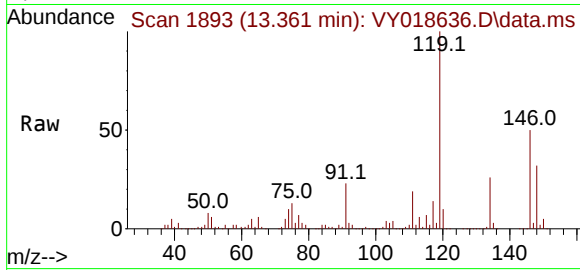
Tgt Ion:146 Resp: 186728

Ion Ratio Lower Upper

146 100

111 38.4 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.233 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

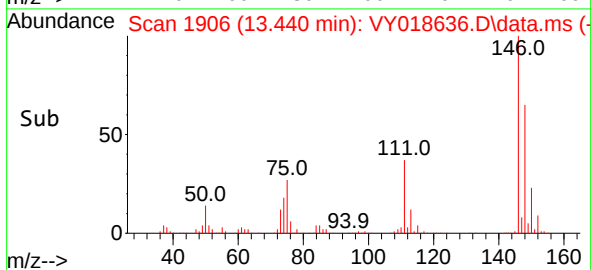
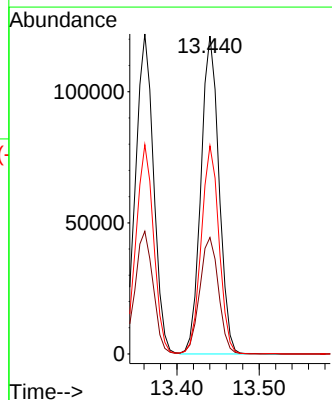
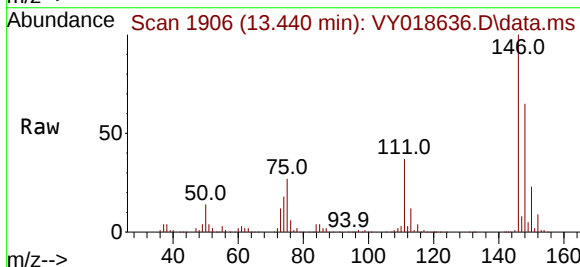
Tgt Ion:146 Resp: 184787

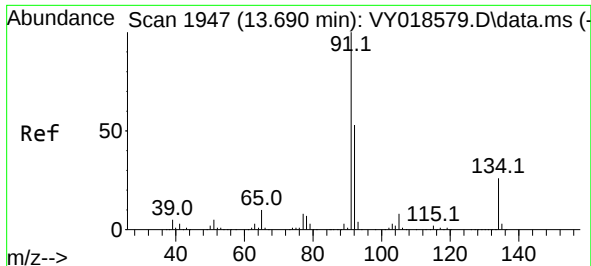
Ion Ratio Lower Upper

146 100

111 38.3 18.4 55.4

148 64.6 32.4 97.2

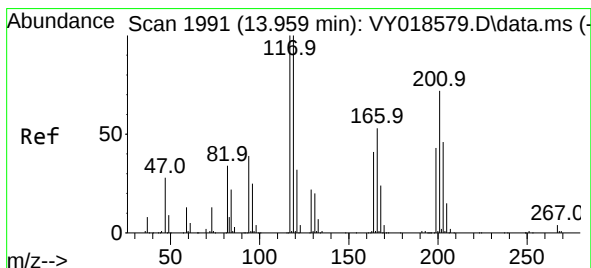
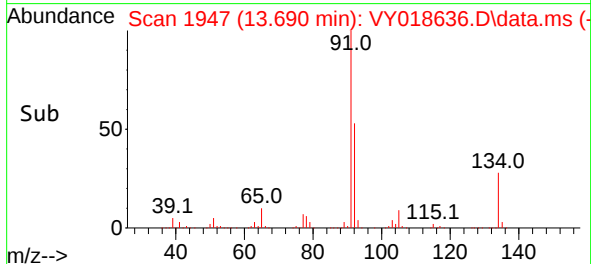
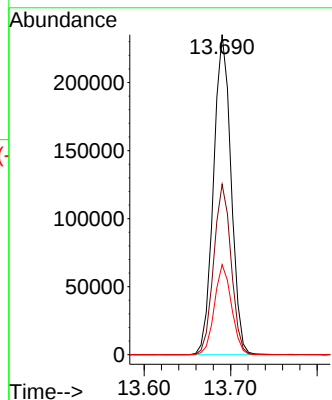
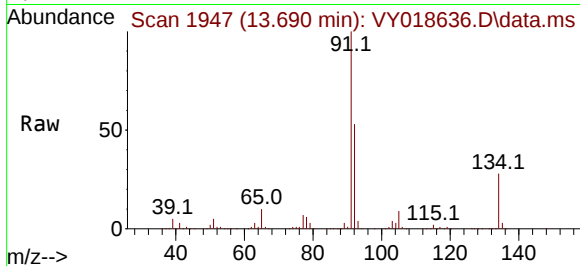




#89
n-Butylbenzene
Concen: 48.427 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

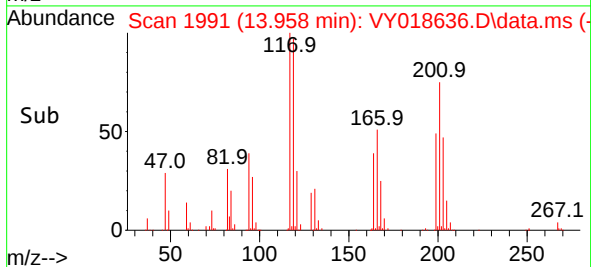
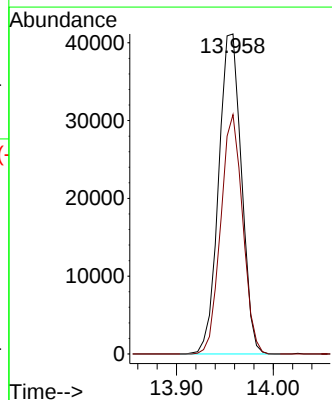
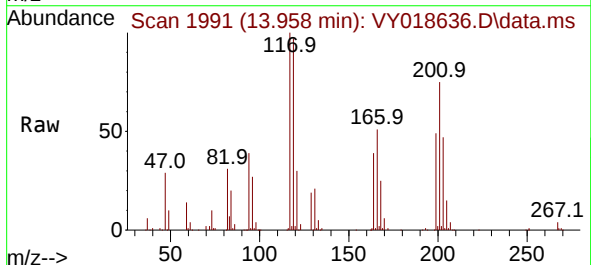
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

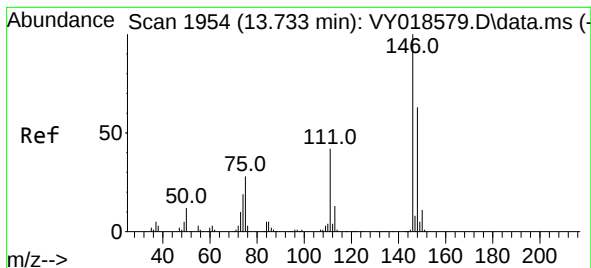
Tgt Ion: 91 Resp: 330882
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.7
134 27.3 12.9 38.7



#90
Hexachloroethane
Concen: 48.864 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY018636.D
Acq: 19 Jun 2024 10:55

Tgt Ion: 117 Resp: 67290
Ion Ratio Lower Upper
117 100
201 71.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 48.097 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

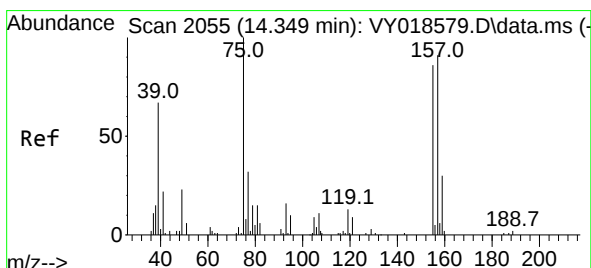
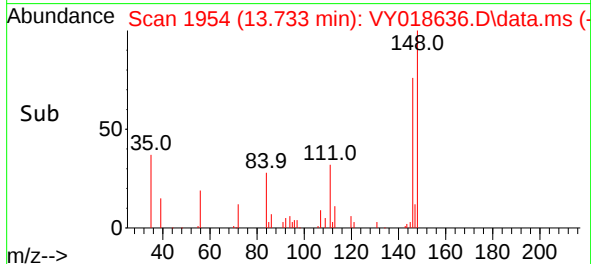
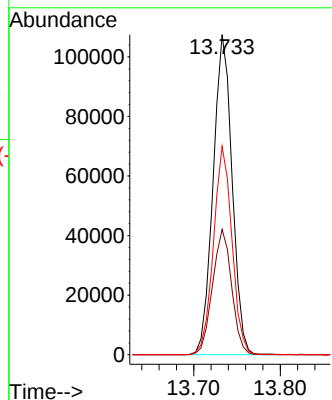
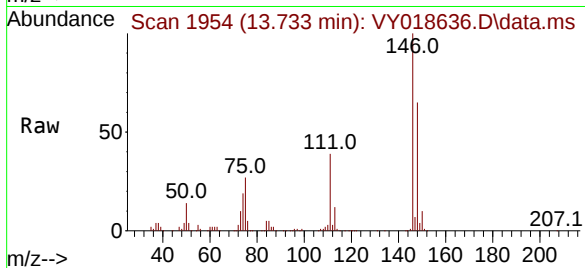
Tgt Ion:146 Resp: 163806

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 63.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.909 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

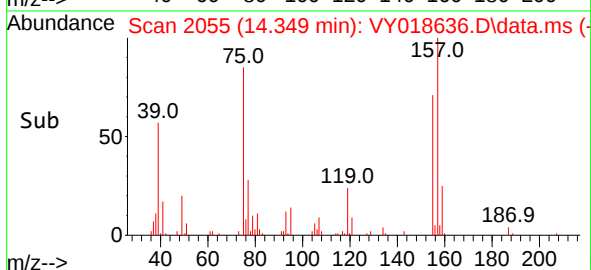
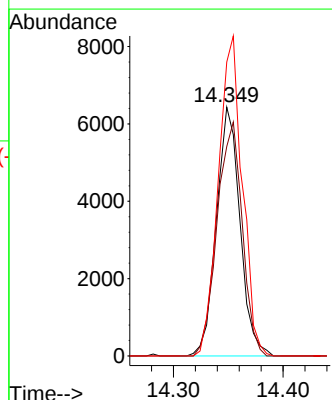
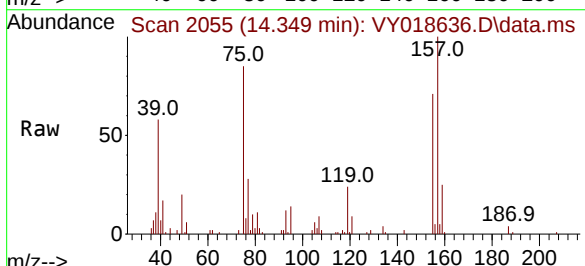
Tgt Ion: 75 Resp: 9649

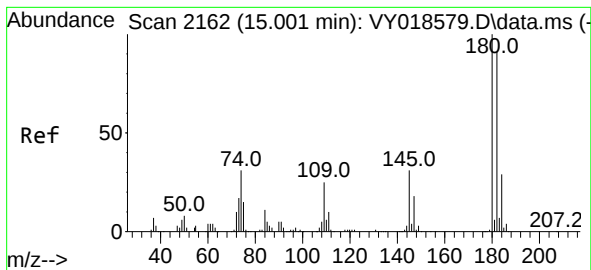
Ion Ratio Lower Upper

75 100

155 99.6 48.6 145.8

157 130.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.228 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

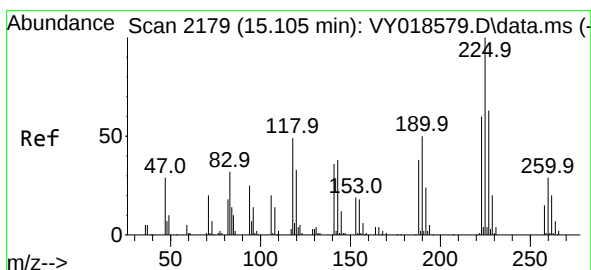
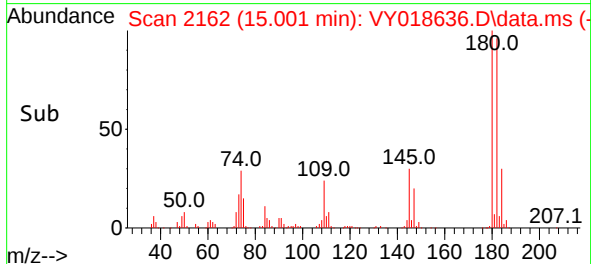
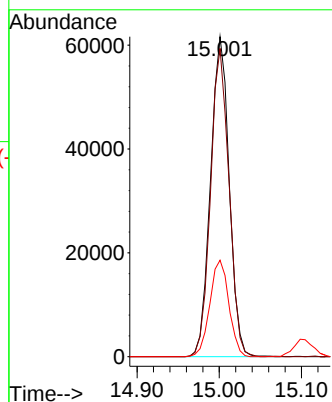
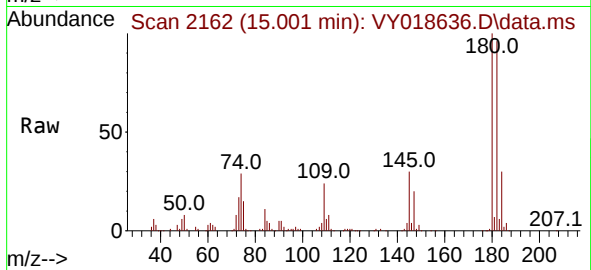
Tgt Ion:180 Resp: 97200

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.626 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

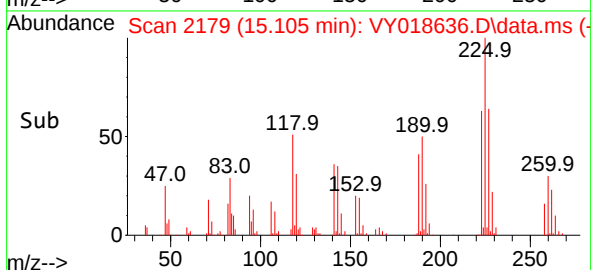
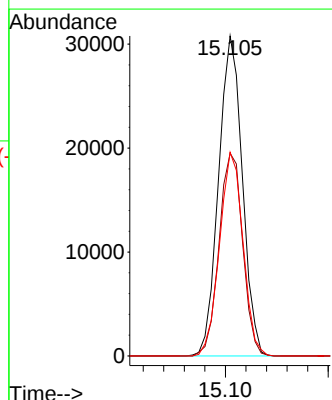
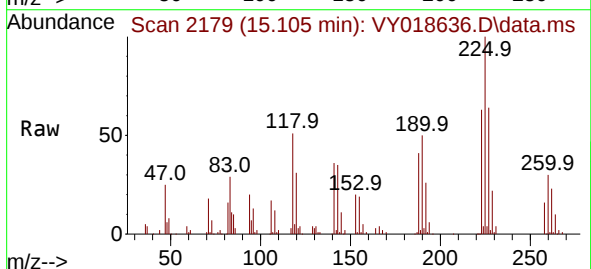
Tgt Ion:225 Resp: 49355

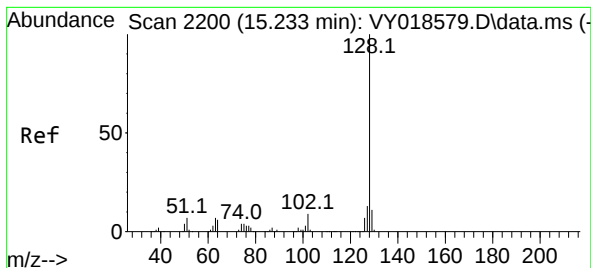
Ion Ratio Lower Upper

225 100

223 63.1 30.4 91.2

227 62.8 31.9 95.9





#95

Naphthalene

Concen: 51.768 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

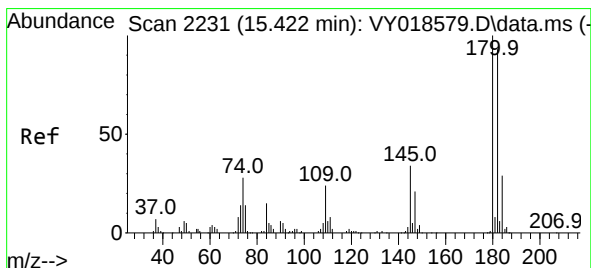
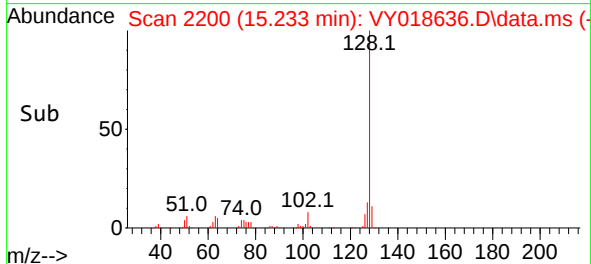
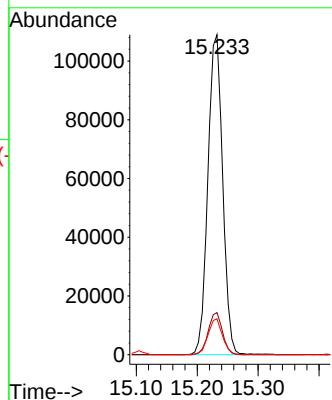
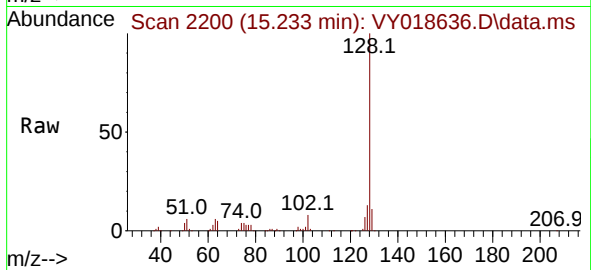
Tgt Ion:128 Resp: 183555

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.377 ug/l

RT: 15.415 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY018636.D

Acq: 19 Jun 2024 10:55

Tgt Ion:180 Resp: 82365

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 33.0 15.4 46.1

