

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
 Data File : VY018574.D
 Acq On : 12 Jun 2024 17:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 00:57:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	41256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	66725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	65126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	38147	47.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.160%
35) Dibromofluoromethane	7.710	113	36279	42.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.760%
50) Toluene-d8	10.173	98	147143	43.713	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.420%
62) 4-Bromofluorobenzene	12.477	95	48779	46.543	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21137	32.260	ug/l	98
3) Chloromethane	2.101	50	83551	68.377	ug/l	96
4) Vinyl Chloride	2.235	62	95676	65.461	ug/l	100
5) Bromomethane	2.637	94	56628	58.074	ug/l	98
6) Chloroethane	2.778	64	59909	64.921	ug/l	100
7) Trichlorofluoromethane	3.101	101	81635	53.983	ug/l	99
8) Diethyl Ether	3.515	74	22176	48.738	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.881	101	40391	45.870	ug/l	90
10) Methyl Iodide	4.076	142	40484	46.807	ug/l	93
11) Tert butyl alcohol	4.979	59	15250	137.414	ug/l #	88
12) 1,1-Dichloroethene	3.857	96	39150	45.234	ug/l	87
13) Acrolein	3.717	56	16098	194.113	ug/l	97
14) Allyl chloride	4.460	41	73660	58.112	ug/l #	89
15) Acrylonitrile	5.143	53	54610	262.443	ug/l	98
16) Acetone	3.948	43	47881	266.265	ug/l #	80
17) Carbon Disulfide	4.180	76	109886	43.280	ug/l	99
18) Methyl Acetate	4.460	43	24692	54.911	ug/l	90
19) Methyl tert-butyl Ether	5.210	73	108881	52.198	ug/l	96
20) Methylene Chloride	4.698	84	59091	61.617	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	45257	49.000	ug/l	94
22) Diisopropyl ether	6.106	45	164859	63.865	ug/l #	92
23) Vinyl Acetate	6.045	43	514521	306.266	ug/l #	91
24) 1,1-Dichloroethane	6.003	63	89776	55.758	ug/l	98
25) 2-Butanone	6.978	43	77587	281.640	ug/l #	82
26) 2,2-Dichloropropane	6.966	77	70627	49.909	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	55315	51.485	ug/l	87
28) Bromochloromethane	7.326	49	38587	52.079	ug/l #	70
29) Tetrahydrofuran	7.344	42	50935	284.699	ug/l #	81
30) Chloroform	7.496	83	89181	55.225	ug/l	97
31) Cyclohexane	7.777	56	77460	51.277	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	74209	52.467	ug/l #	94
36) 1,1-Dichloropropene	7.905	75	64877	50.287	ug/l	96
37) Ethyl Acetate	7.063	43	34280	53.188	ug/l	97
38) Carbon Tetrachloride	7.886	117	61202	47.340	ug/l	100
39) Methylcyclohexane	9.179	83	82334	47.208	ug/l	92
40) Benzene	8.155	78	201447	52.113	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18858	60.154	ug/l #	83
42) 1,2-Dichloroethane	8.228	62	51958	55.287	ug/l	95
43) Isopropyl Acetate	8.264	43	69483	57.657	ug/l #	77
44) Trichloroethene	8.929	130	45705	47.712	ug/l	91
45) 1,2-Dichloropropane	9.209	63	49602	56.109	ug/l	99
46) Dibromomethane	9.301	93	25571	50.451	ug/l #	88
47) Bromodichloromethane	9.490	83	63622	52.292	ug/l	94
48) Methyl methacrylate	9.289	41	32885	59.310	ug/l #	80
49) 1,4-Dioxane	9.307	88	6747	1013.676	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	189159	302.283	ug/l	87
52) Toluene	10.240	92	129693	54.550	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	62786	56.194	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	72352	52.593	ug/l #	86
55) 1,1,2-Trichloroethane	10.636	97	35794	54.281	ug/l	97
56) Ethyl methacrylate	10.502	69	52066	56.109	ug/l #	76
57) 1,3-Dichloropropane	10.782	76	63142	56.404	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	126329	253.517	ug/l	92
59) 2-Hexanone	10.825	43	134316	310.607	ug/l	86
60) Dibromochloromethane	10.977	129	40637	50.442	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32077	51.657	ug/l	99
64) Tetrachloroethene	10.715	164	42938	44.760	ug/l	93
65) Chlorobenzene	11.508	112	131466	47.072	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	42751	47.339	ug/l	98
67) Ethyl Benzene	11.587	91	254527	50.070	ug/l	97
68) m/p-Xylenes	11.697	106	191382	99.982	ug/l	95
69) o-Xylene	12.026	106	90560	49.147	ug/l	95
70) Styrene	12.038	104	157668	52.370	ug/l	97
71) Bromoform	12.209	173	21032	44.208	ug/l #	99
73) Isopropylbenzene	12.325	105	241873	47.122	ug/l	99
74) N-amyl acetate	12.142	43	66949	53.584	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.575	83	44039	48.739	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	33544m	54.384	ug/l	
77) Bromobenzene	12.605	156	46753	42.899	ug/l	83
78) n-propylbenzene	12.666	91	298721	48.489	ug/l	97
79) 2-Chlorotoluene	12.751	91	162100	48.400	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	192751	48.215	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	13098	44.615	ug/l #	86
82) 4-Chlorotoluene	12.849	91	169449	50.278	ug/l	96
83) tert-Butylbenzene	13.069	119	169841	45.943	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	195024	49.829	ug/l	96
85) sec-Butylbenzene	13.251	105	267364	49.109	ug/l	98
86) p-Isopropyltoluene	13.367	119	217603	49.523	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	105693	49.164	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	101477	48.048	ug/l	97
89) n-Butylbenzene	13.690	91	215107	51.517	ug/l	98
90) Hexachloroethane	13.959	117	38017	46.161	ug/l	81
91) 1,2-Dichlorobenzene	13.733	146	89036	47.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6473	47.077	ug/l	74
93) 1,2,4-Trichlorobenzene	15.001	180	44940	44.419	ug/l	98
94) Hexachlorobutadiene	15.111	225	21650	40.291	ug/l	96
95) Naphthalene	15.233	128	94107	46.314	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	37698	44.039	ug/l	99

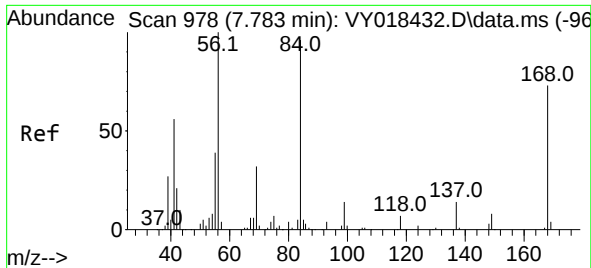
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Response via : Initial Calibration

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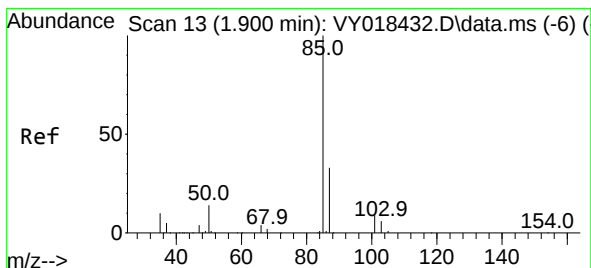
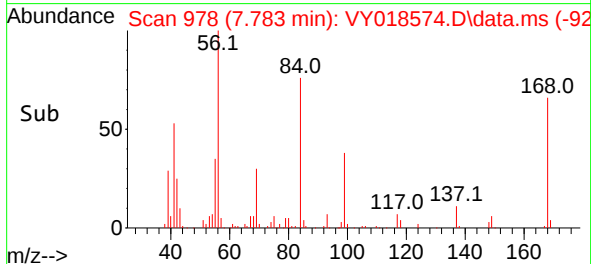
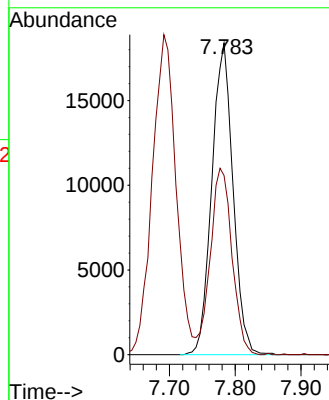
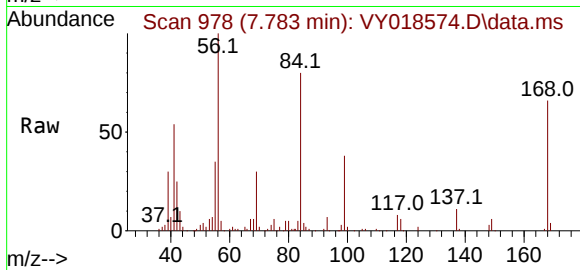
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

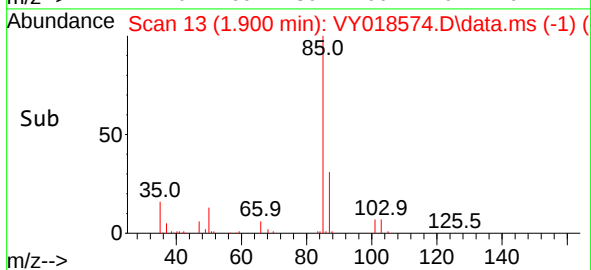
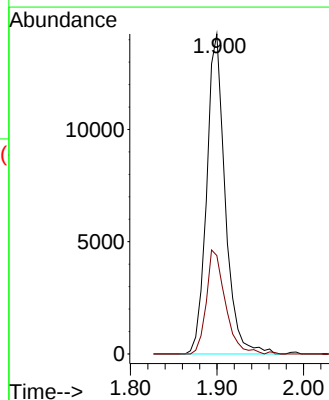
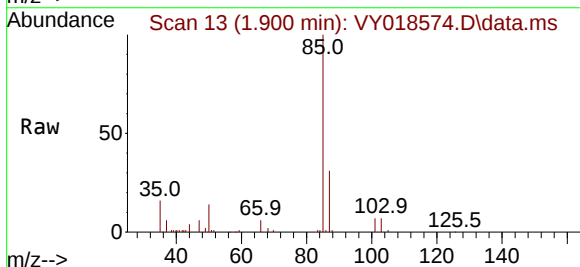
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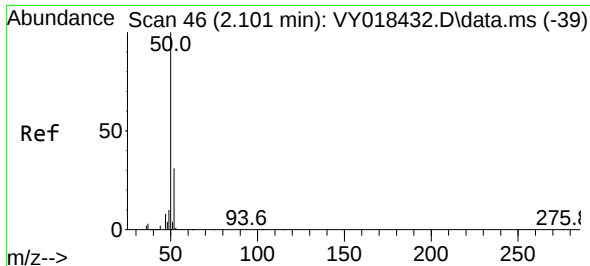
Tgt Ion:168 Resp: 41256
Ion Ratio Lower Upper
168 100
99 57.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 32.260 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 85 Resp: 21137
Ion Ratio Lower Upper
85 100
87 30.7 16.0 48.0

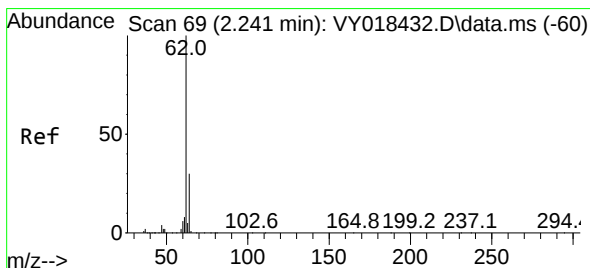
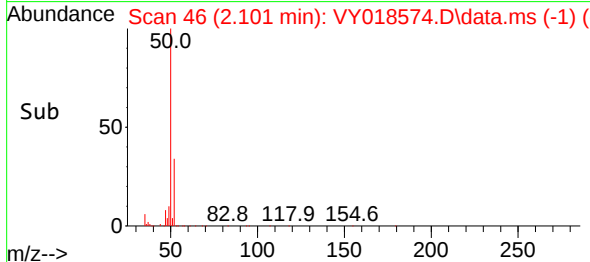
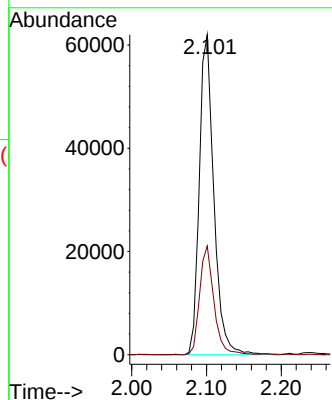
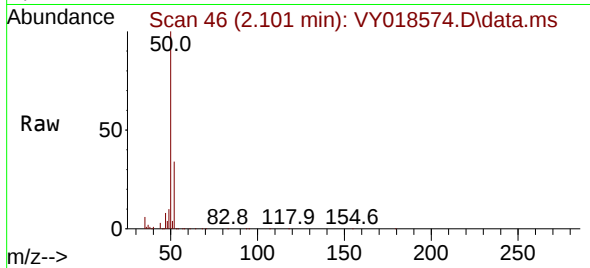




#3
Chloromethane
Concen: 68.377 ug/l
RT: 2.101 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

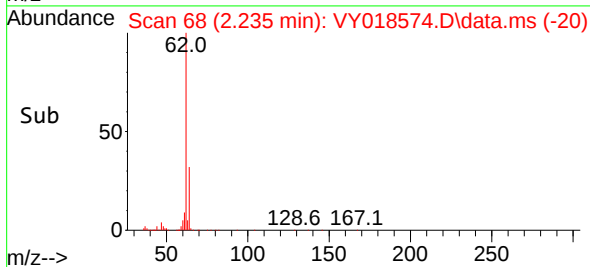
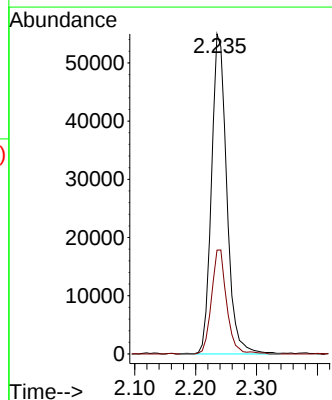
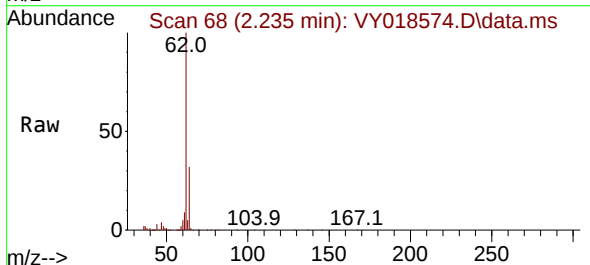
Instrument :
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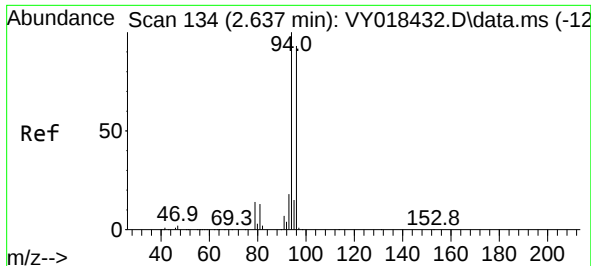
Tgt Ion: 50 Resp: 83551
Ion Ratio Lower Upper
50 100
52 34.0 25.6 38.4



#4
Vinyl Chloride
Concen: 65.461 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 62 Resp: 95676
Ion Ratio Lower Upper
62 100
64 32.5 26.1 39.1

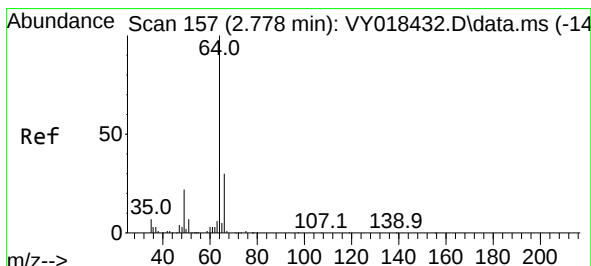
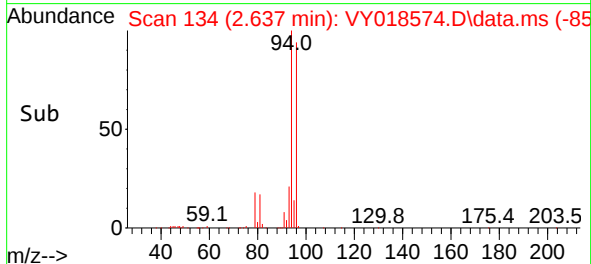
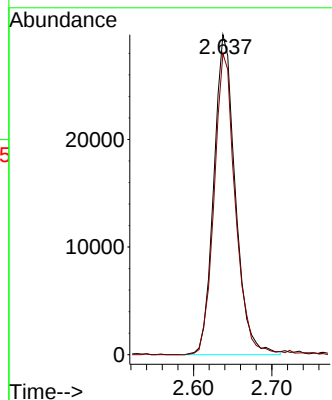
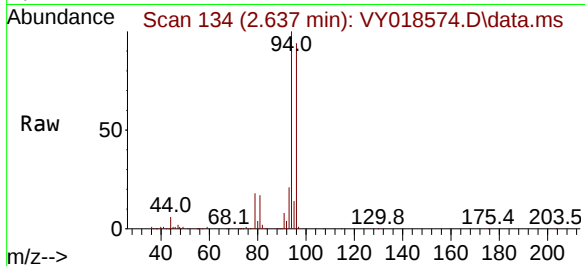




#5
Bromomethane
Concen: 58.074 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

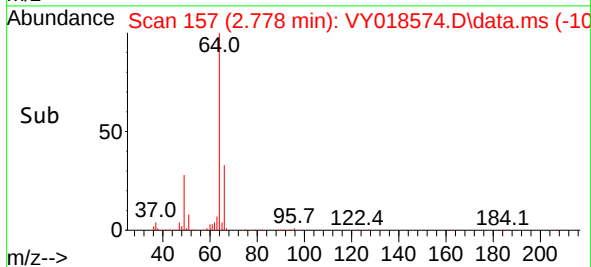
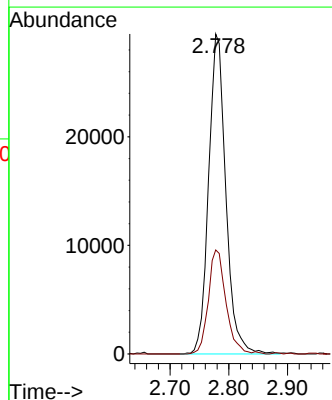
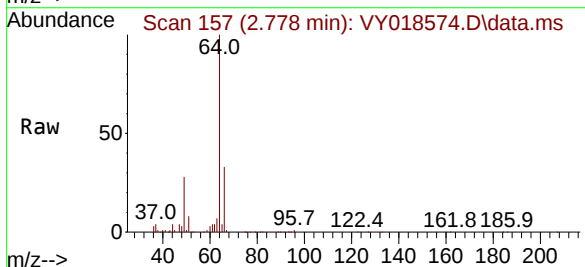
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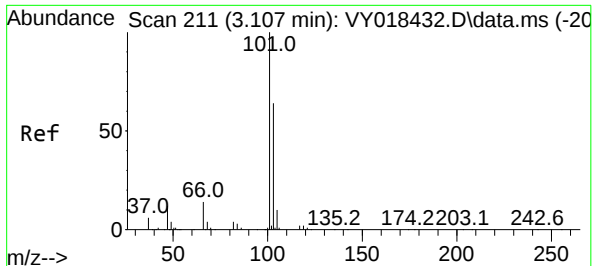
Tgt Ion: 94 Resp: 56628
Ion Ratio Lower Upper
94 100
96 94.1 74.1 111.1



#6
Chloroethane
Concen: 64.921 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 64 Resp: 59909
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

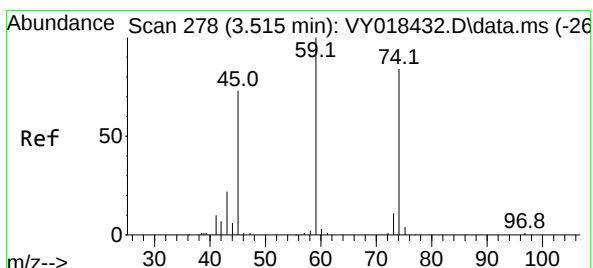
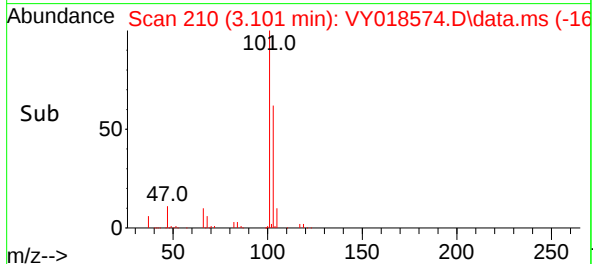
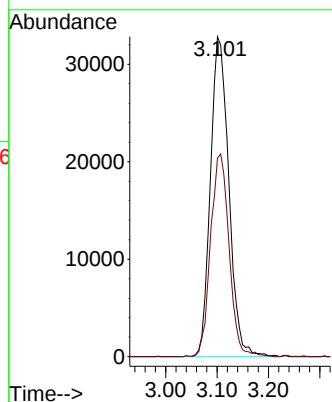
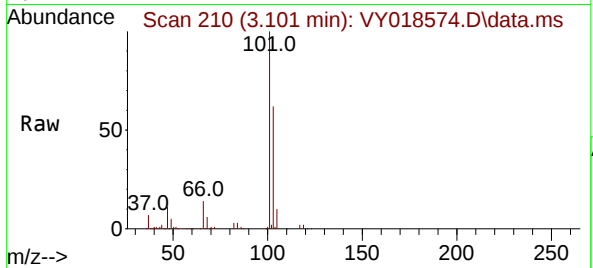




#7
 Trichlorofluoromethane
 Concen: 53.983 ug/l
 RT: 3.101 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY018574.D
 Acq: 12 Jun 2024 17:16

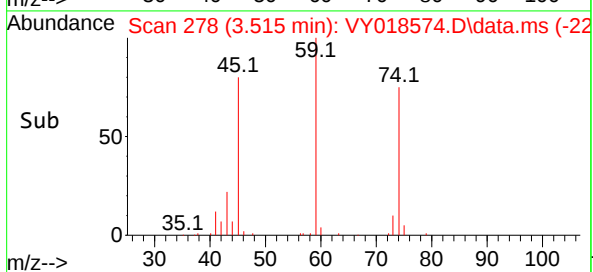
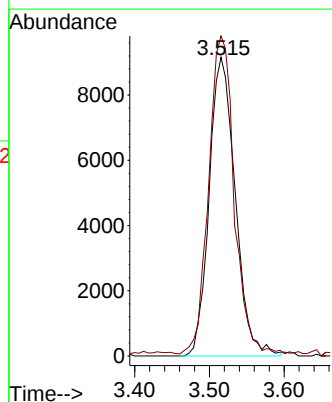
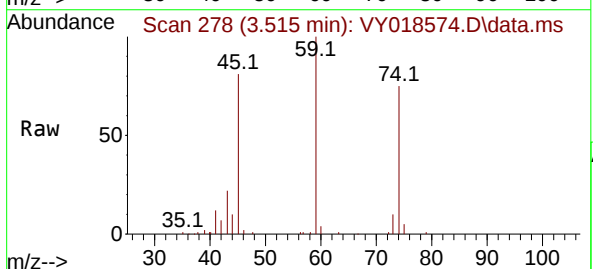
Instrument :
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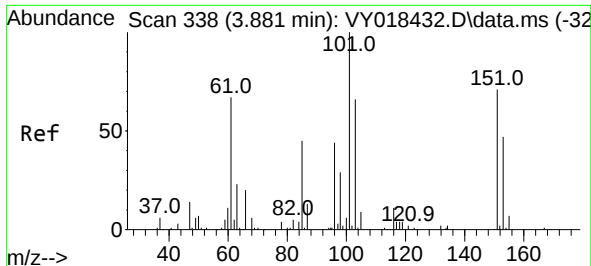
Tgt Ion:101 Resp: 81635
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.738 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018574.D
 Acq: 12 Jun 2024 17:16

Tgt Ion: 74 Resp: 22176
 Ion Ratio Lower Upper
 74 100
 45 103.7 41.3 124.1

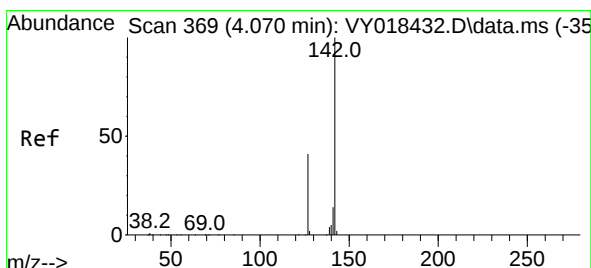
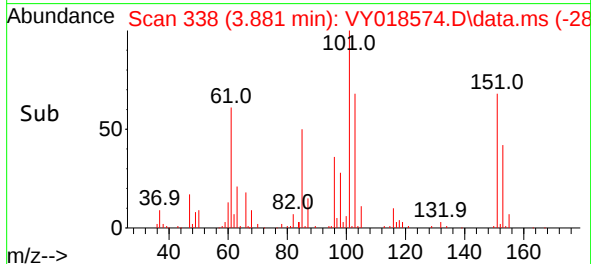
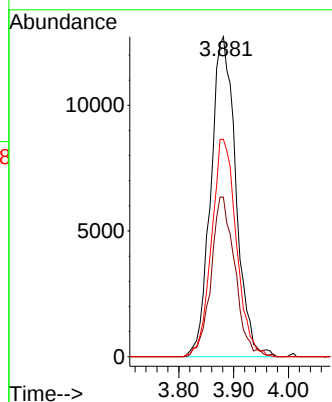
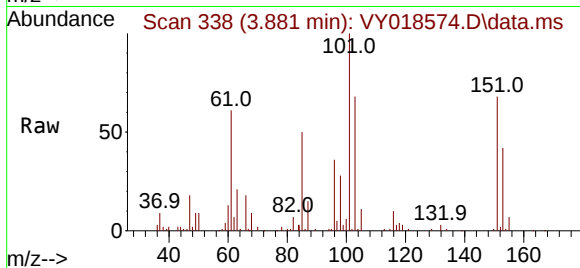




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.870 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018574.D
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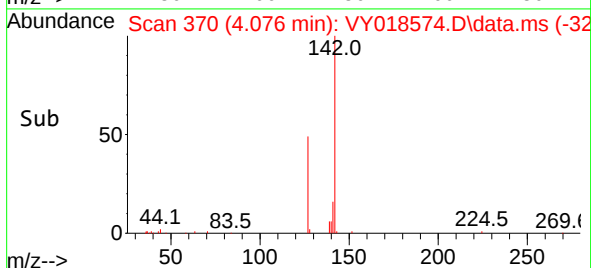
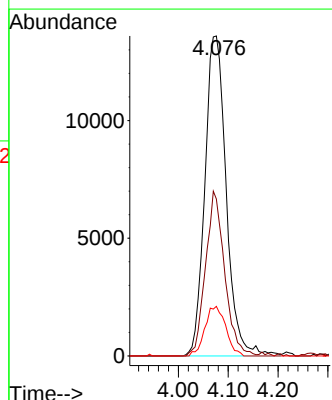
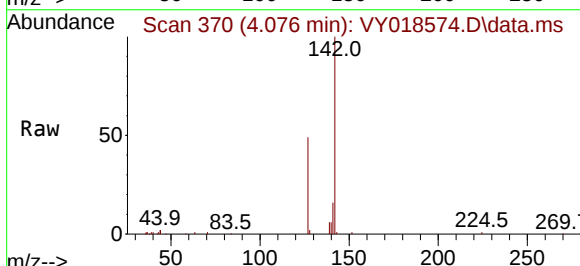
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

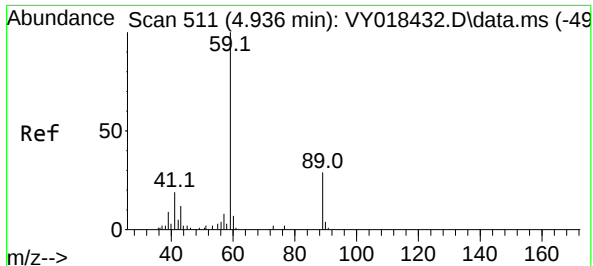
Tgt Ion:101 Resp: 40391
Ion Ratio Lower Upper
101 100
85 47.6 34.5 51.7
151 67.3 61.7 92.5



#10
Methyl Iodide
Concen: 46.807 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion:142 Resp: 40484
Ion Ratio Lower Upper
142 100
127 46.1 32.8 49.2
141 15.1 11.4 17.2

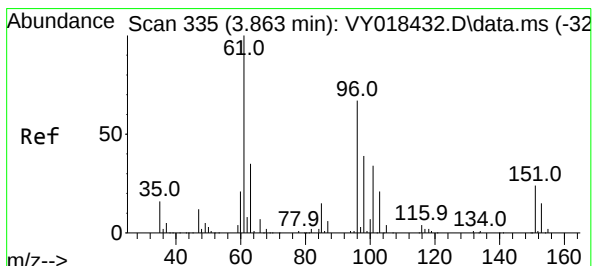
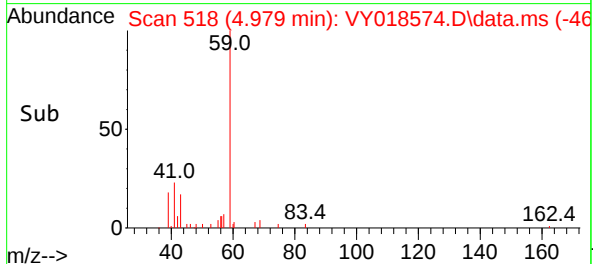
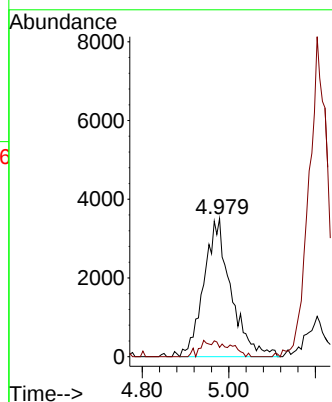
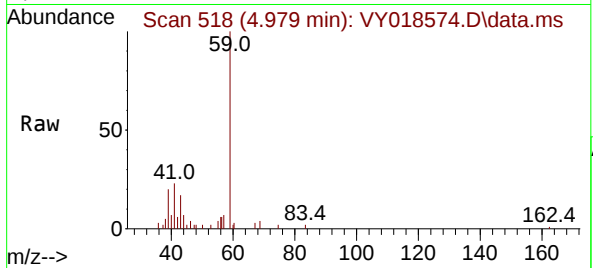




#11
Tert butyl alcohol
Concen: 137.414 ug/l
RT: 4.979 min Scan# 511
Delta R.T. 0.043 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

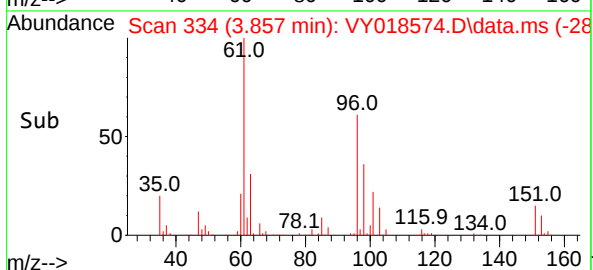
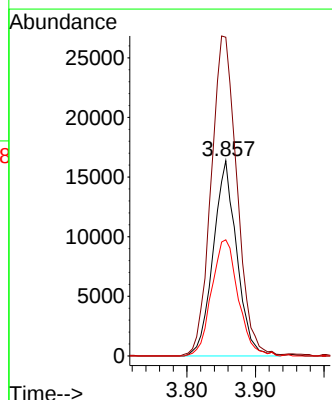
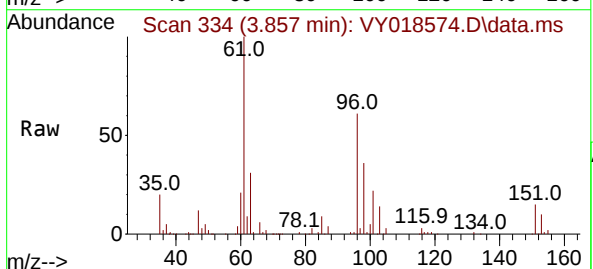
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

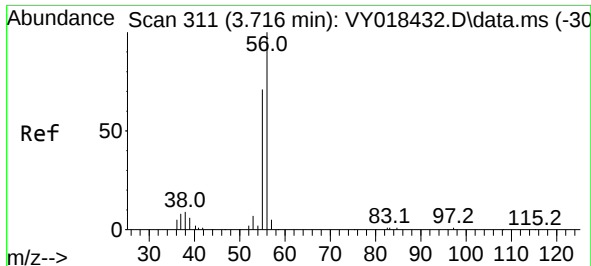
Tgt Ion: 59 Resp: 15250
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 45.234 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 96 Resp: 39150
Ion Ratio Lower Upper
96 100
61 163.3 114.6 171.8
98 59.5 50.8 76.2

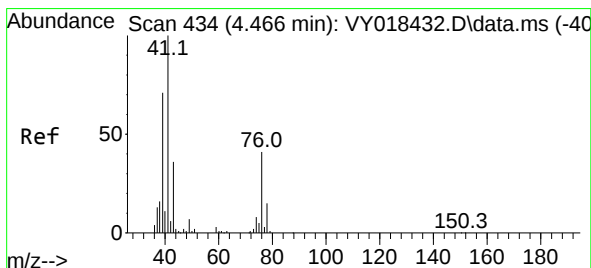
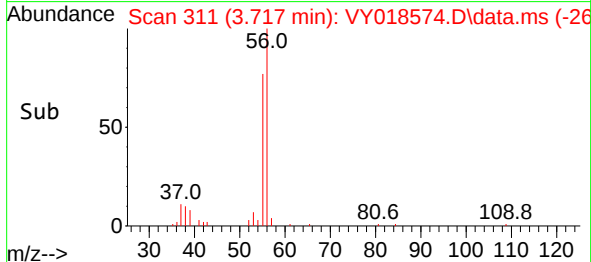
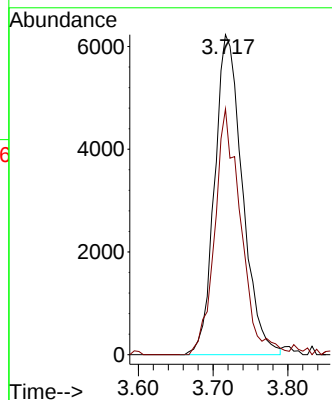
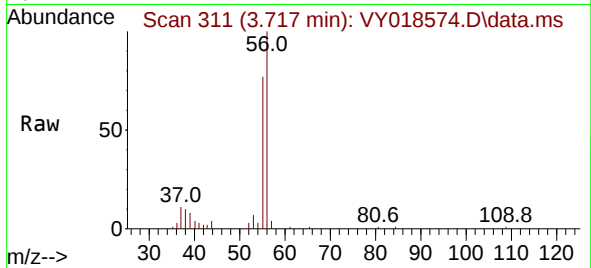




#13
Acrolein
Concen: 194.113 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

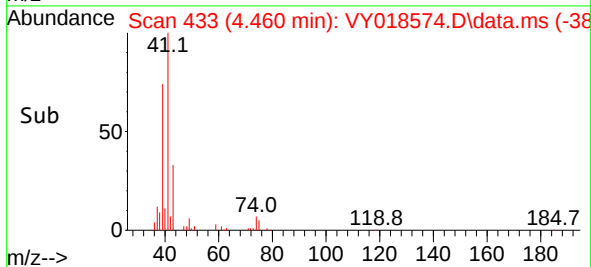
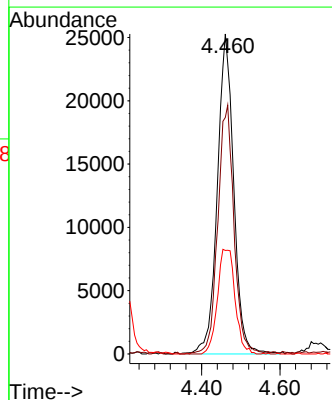
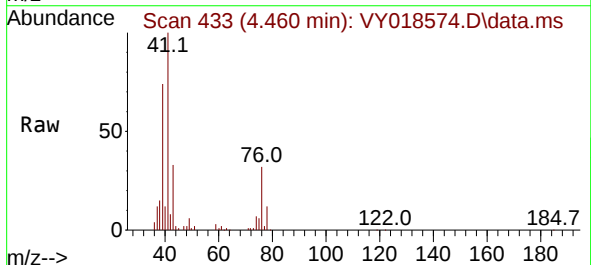
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

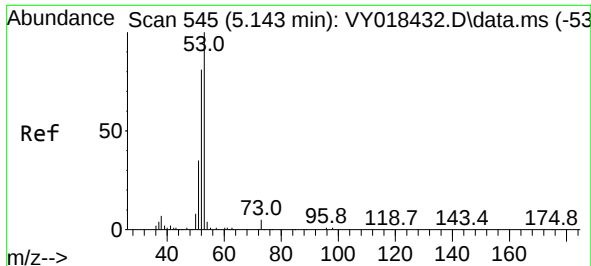
Tgt Ion: 56 Resp: 16098
Ion Ratio Lower Upper
56 100
55 72.2 55.7 83.5



#14
Allyl chloride
Concen: 58.112 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 41 Resp: 73660
Ion Ratio Lower Upper
41 100
39 76.5 58.3 87.5
76 35.1 39.0 58.6#

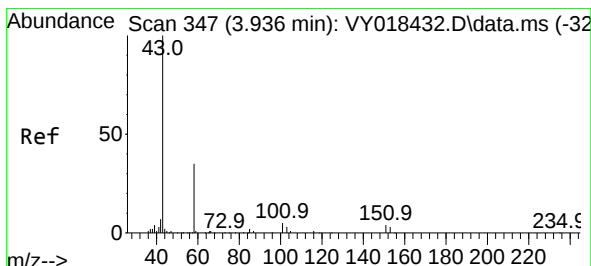
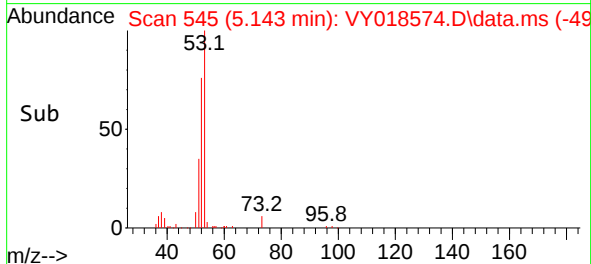
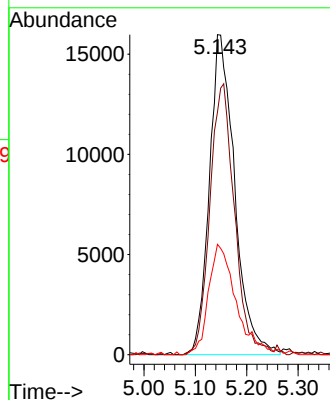
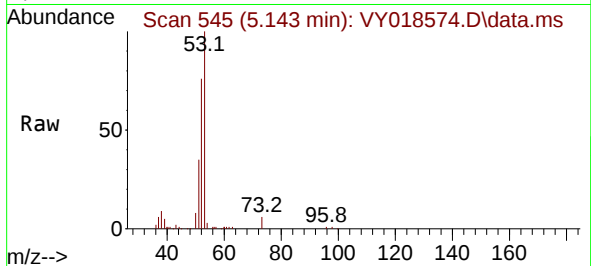




#15
Acrylonitrile
Concen: 262.443 ug/l
RT: 5.143 min Scan# 545
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

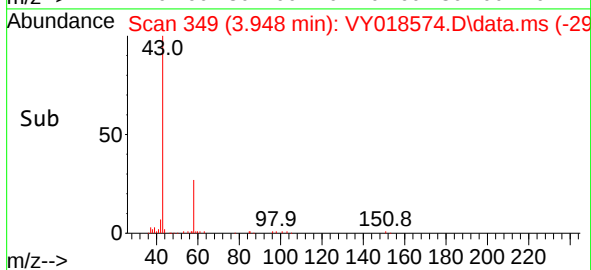
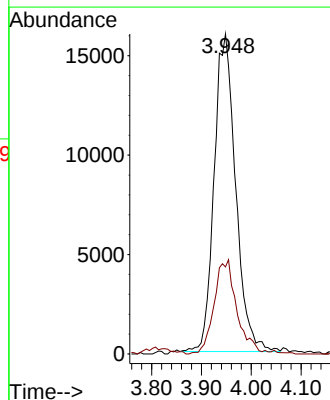
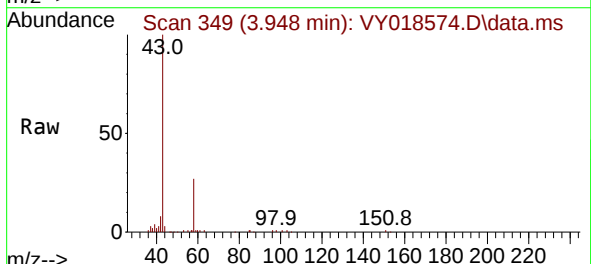
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

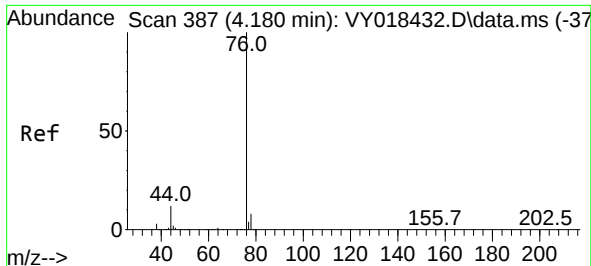
Tgt Ion: 53 Resp: 54610
Ion Ratio Lower Upper
53 100
52 82.2 64.7 97.1
51 37.6 28.4 42.6



#16
Acetone
Concen: 266.265 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 43 Resp: 47881
Ion Ratio Lower Upper
43 100
58 27.0 31.7 47.5#

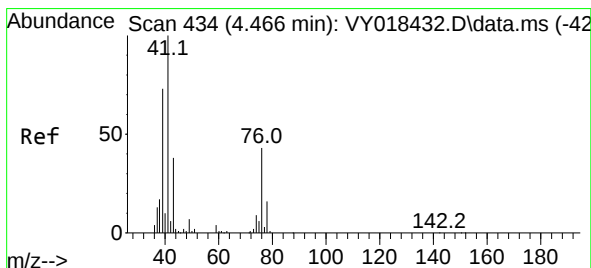
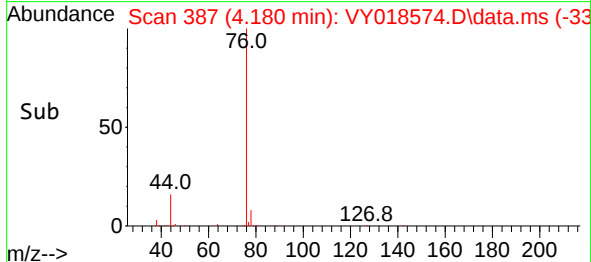
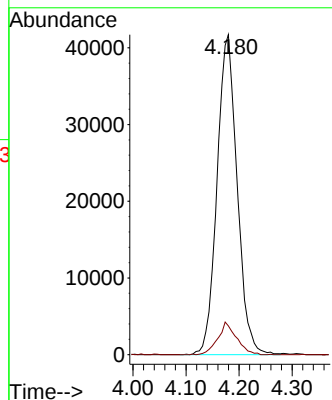
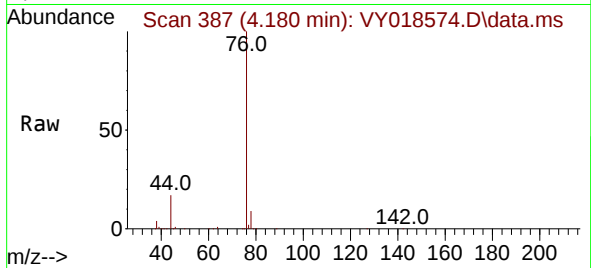




#17
Carbon Disulfide
Concen: 43.280 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

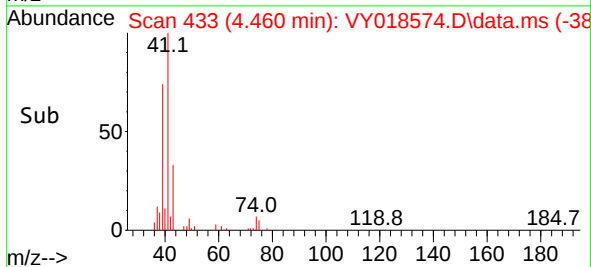
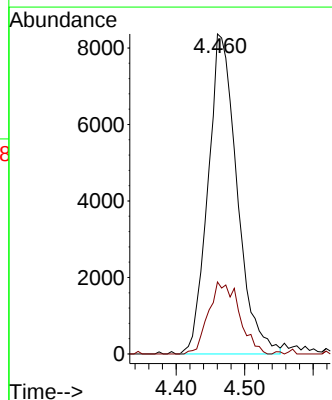
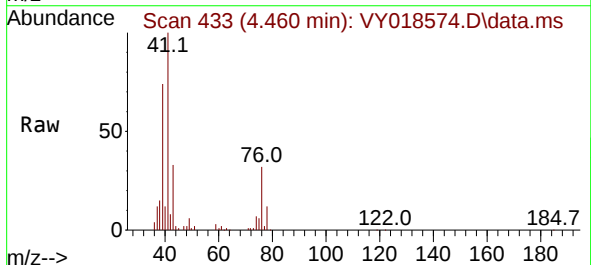
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

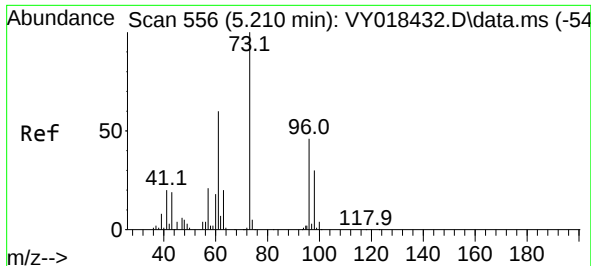
Tgt Ion: 76 Resp: 109886
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 54.911 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 43 Resp: 24692
Ion Ratio Lower Upper
43 100
74 23.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 52.198 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

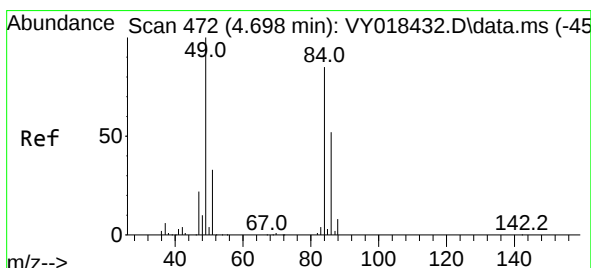
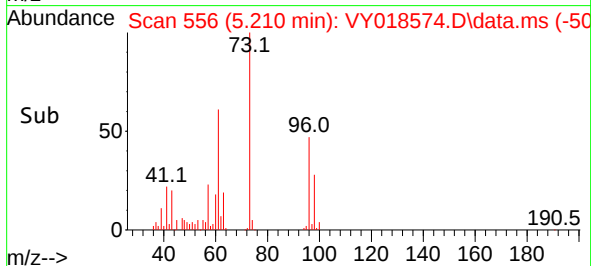
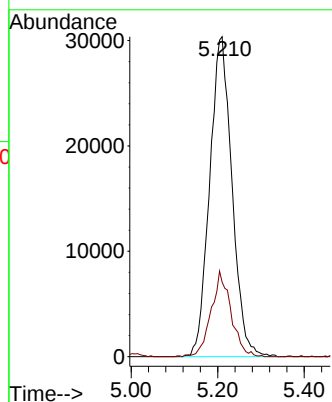
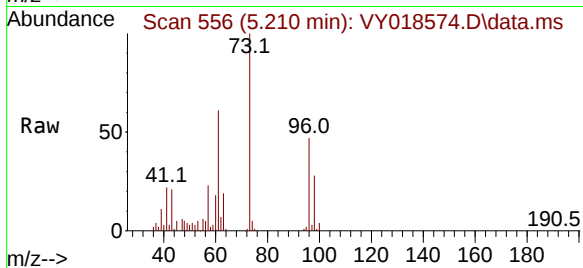
VSTDCCC050EC

Tgt Ion: 73 Resp: 108881

Ion Ratio Lower Upper

73 100

57 23.3 17.3 25.9



#20

Methylene Chloride

Concen: 61.617 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Tgt Ion: 84 Resp: 59091

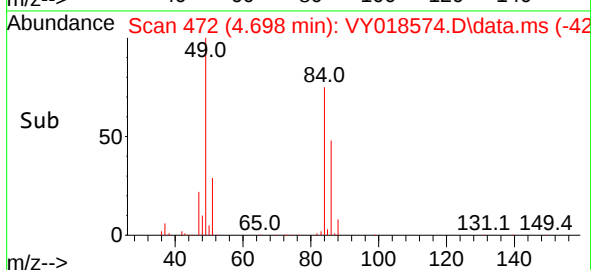
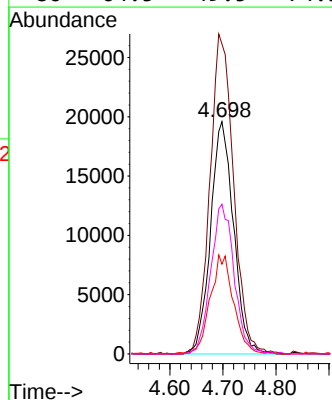
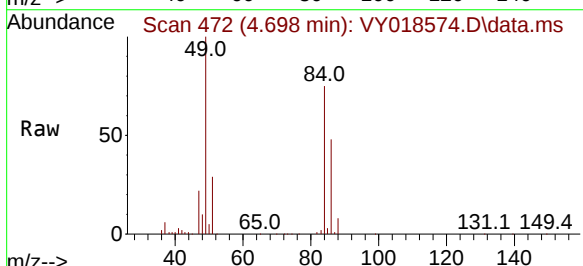
Ion Ratio Lower Upper

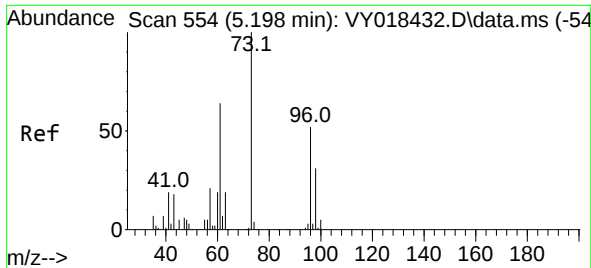
84 100

49 133.5 84.4 126.6#

51 38.7 26.0 39.0

86 64.5 49.5 74.3

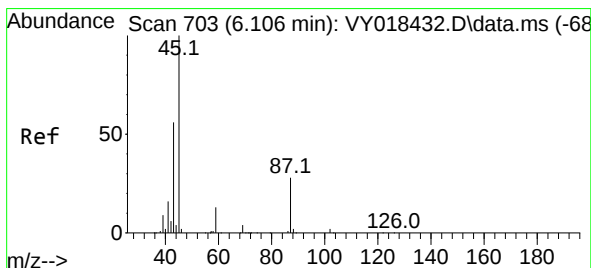
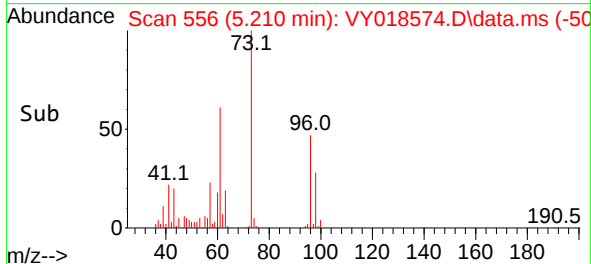
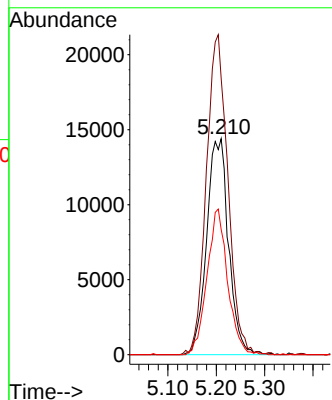
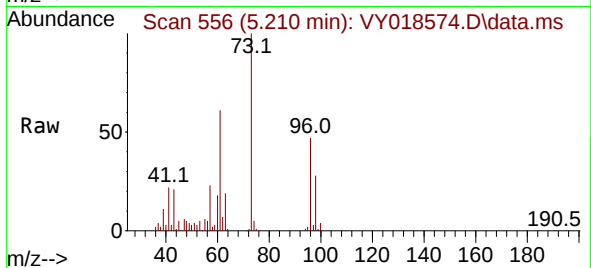




#21
trans-1,2-Dichloroethene
Concen: 49.000 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

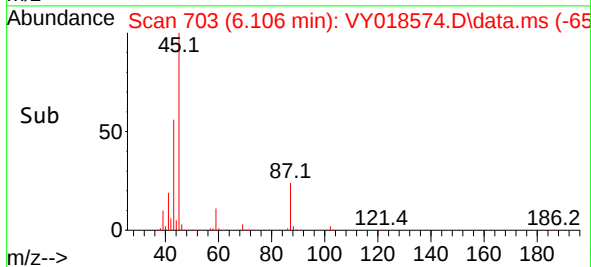
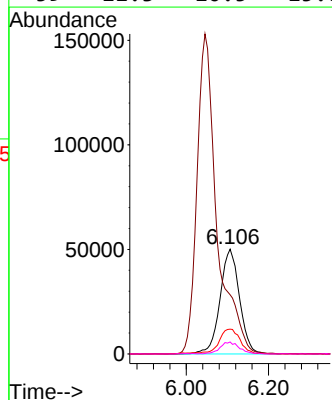
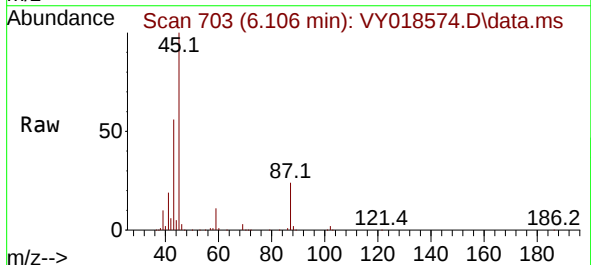
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

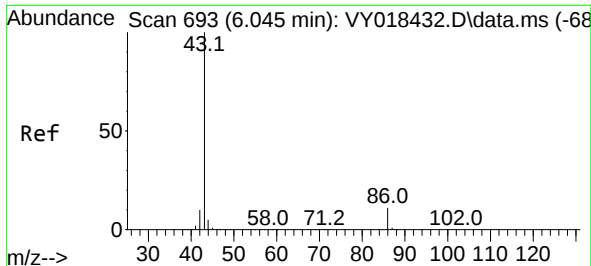
Tgt Ion: 96 Resp: 45257
Ion Ratio Lower Upper
96 100
61 128.0 97.5 146.3
98 58.0 50.5 75.7



#22
Diisopropyl ether
Concen: 63.865 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 45 Resp: 164859
Ion Ratio Lower Upper
45 100
43 56.1 42.2 63.2
87 23.7 25.0 37.6#
59 11.3 10.5 15.7

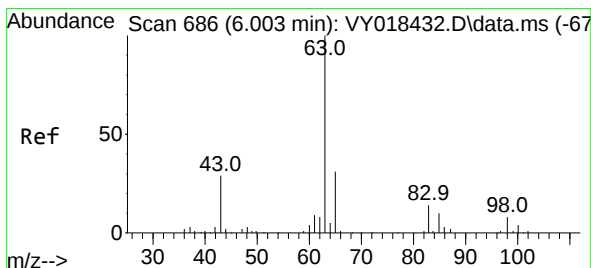
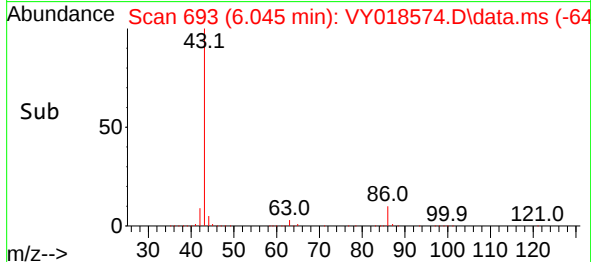
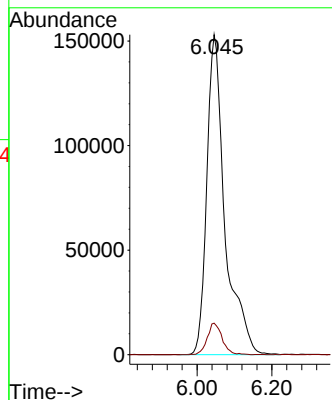
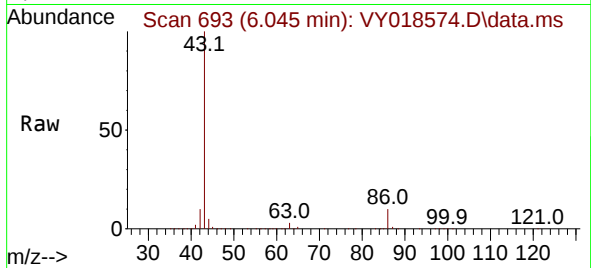




#23
 Vinyl Acetate
 Concen: 306.266 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018574.D
 Acq: 12 Jun 2024 17:16

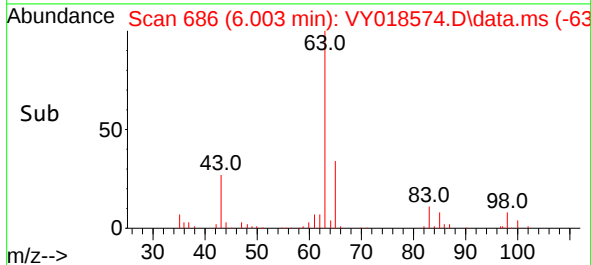
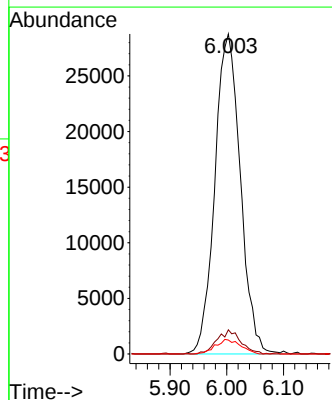
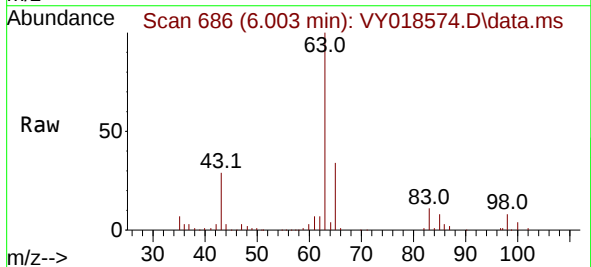
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

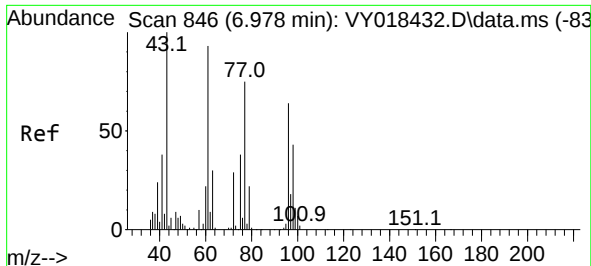
Tgt Ion: 43 Resp: 514521
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 55.758 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018574.D
 Acq: 12 Jun 2024 17:16

Tgt Ion: 63 Resp: 89776
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.4 2.6 8.0

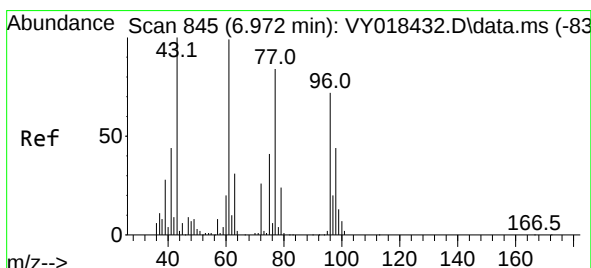
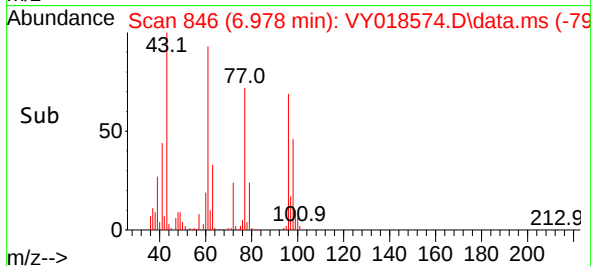
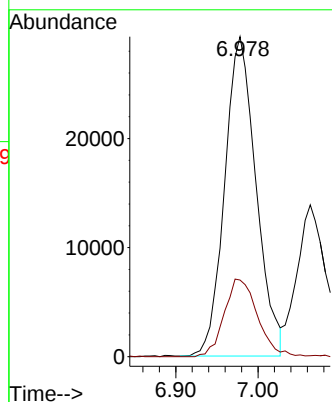
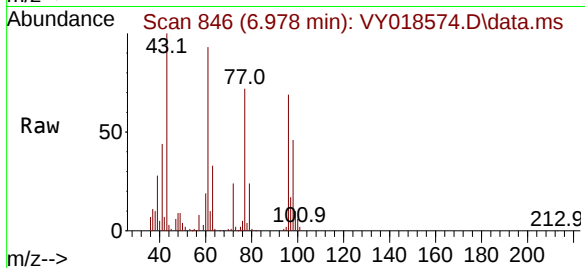




#25
2-Butanone
Concen: 281.640 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

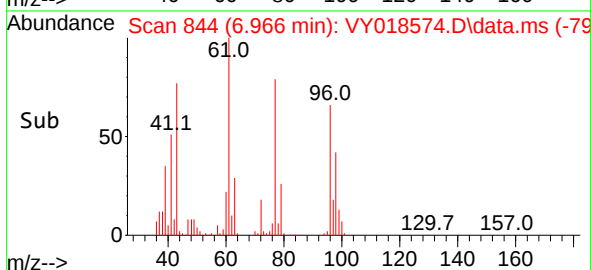
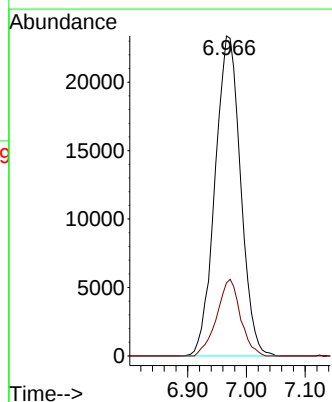
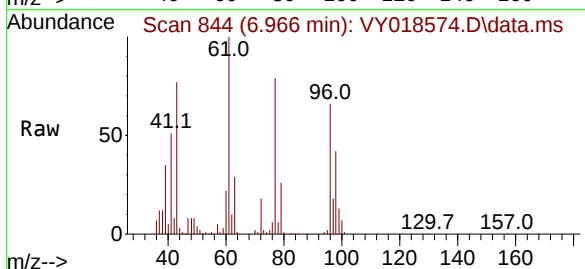
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

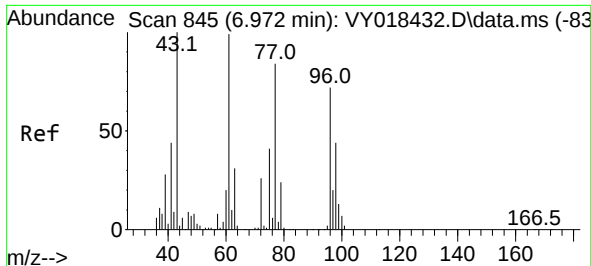
Tgt Ion: 43 Resp: 77587
Ion Ratio Lower Upper
43 100
72 24.0 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 49.909 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 77 Resp: 70627
Ion Ratio Lower Upper
77 100
97 22.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.485 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

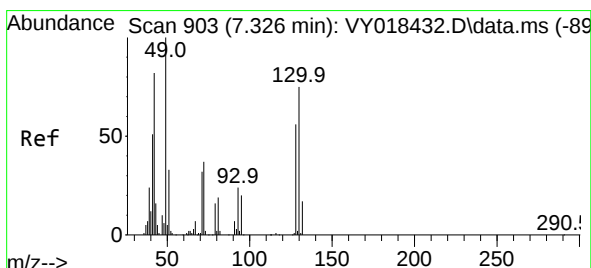
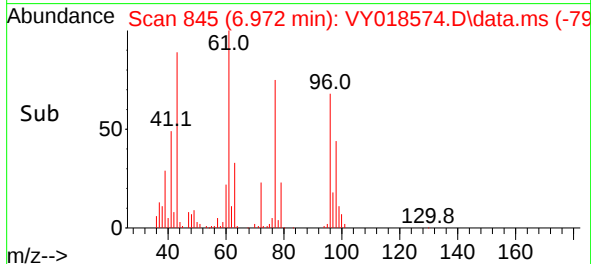
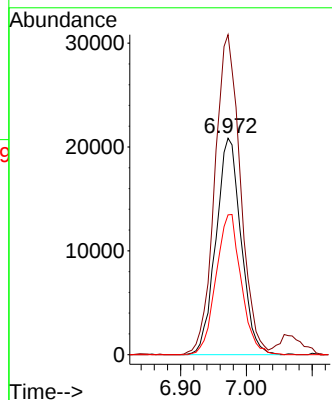
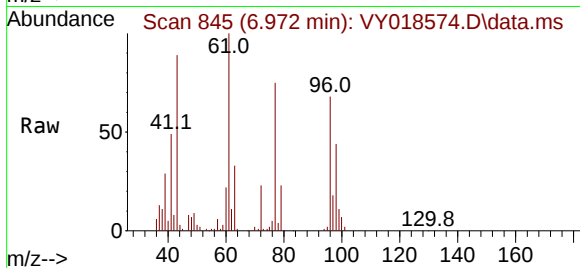
Tgt Ion: 96 Resp: 55315

Ion Ratio Lower Upper

96 100

61 151.3 0.0 256.2

98 65.2 0.0 130.0



#28

Bromochloromethane

Concen: 52.079 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

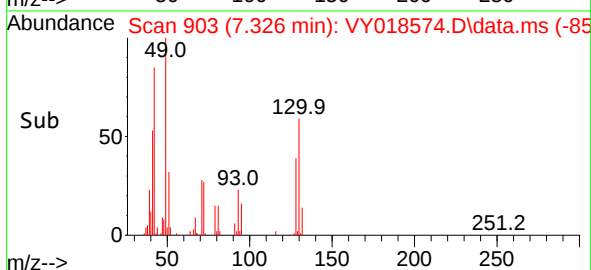
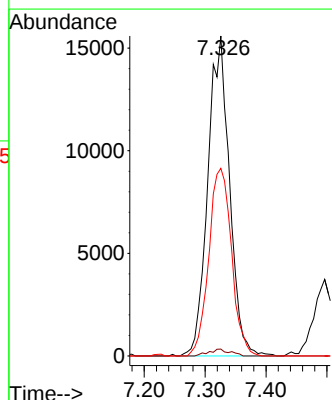
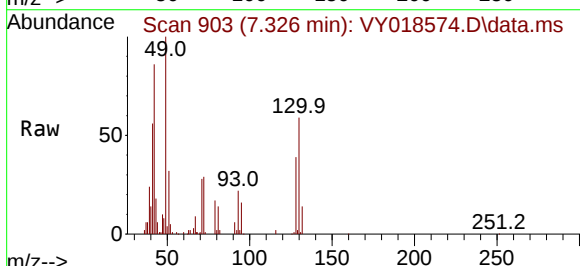
Tgt Ion: 49 Resp: 38587

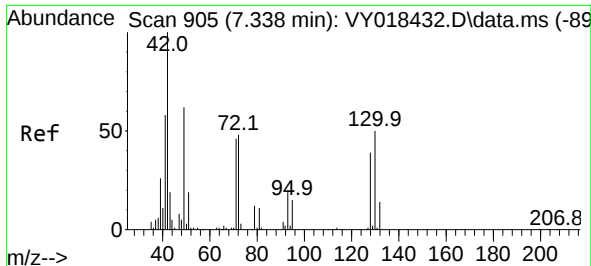
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 61.4 72.7 109.1#





#29

Tetrahydrofuran

Concen: 284.699 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

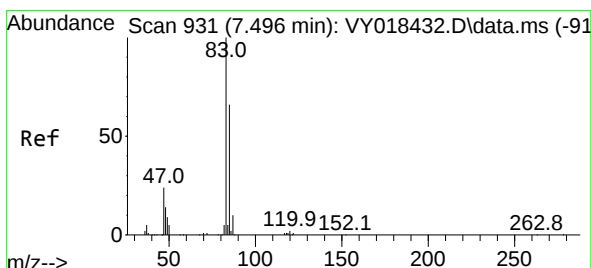
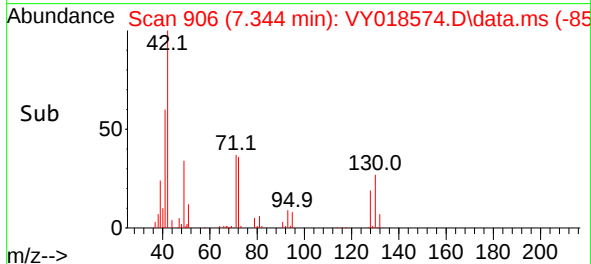
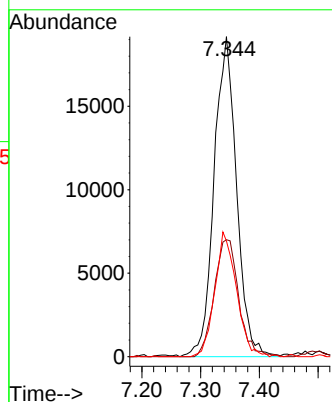
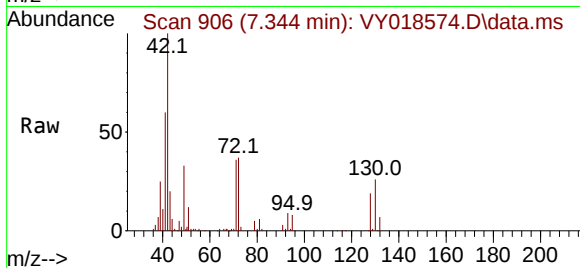
Tgt Ion: 42 Resp: 50935

Ion Ratio Lower Upper

42 100

72 39.9 43.0 64.4#

71 37.6 40.8 61.2#



#30

Chloroform

Concen: 55.225 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018574.D

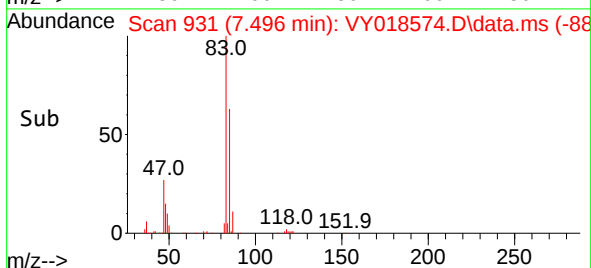
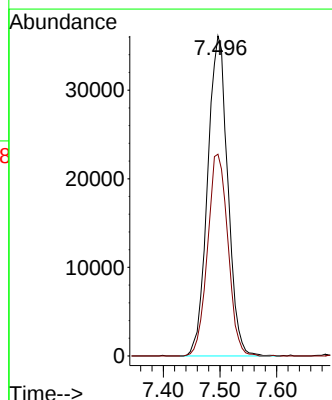
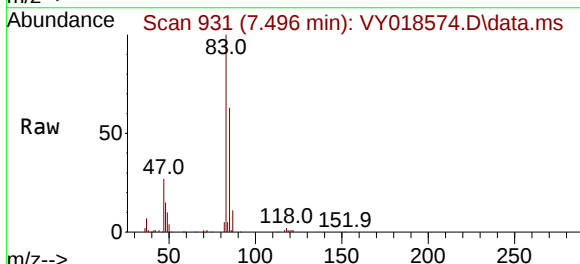
Acq: 12 Jun 2024 17:16

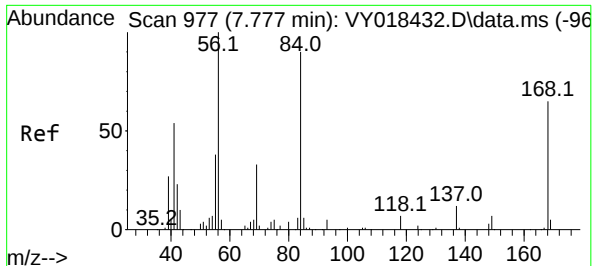
Tgt Ion: 83 Resp: 89181

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4

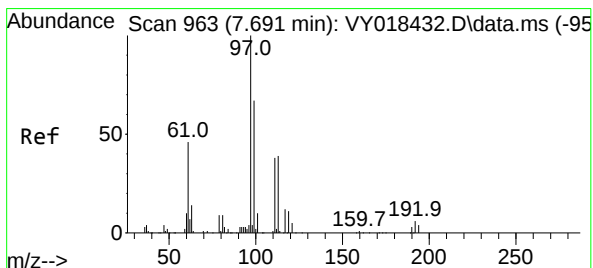
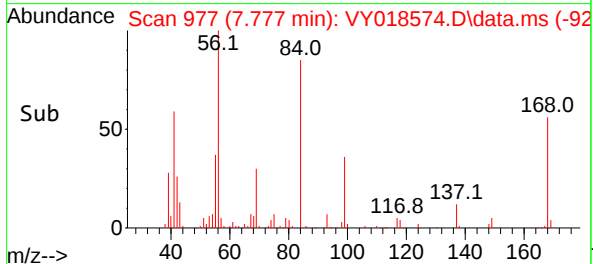
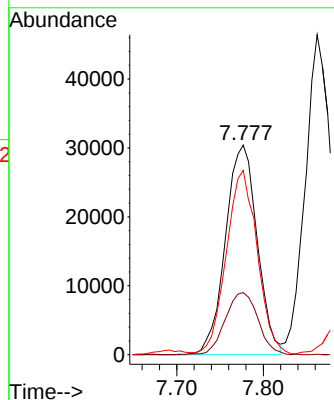
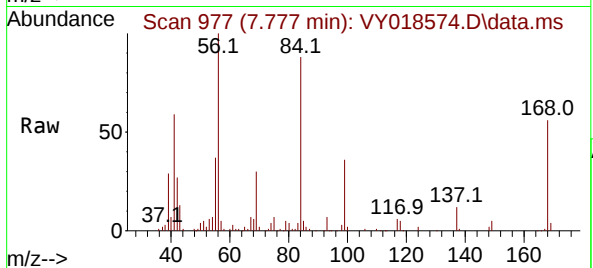




#31
Cyclohexane
Concen: 51.277 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

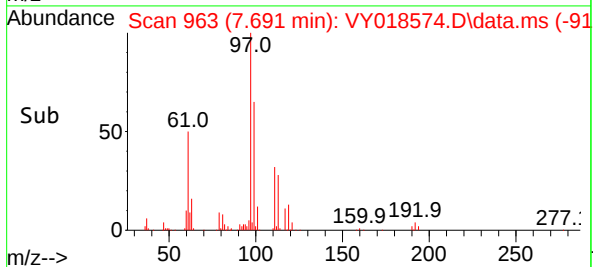
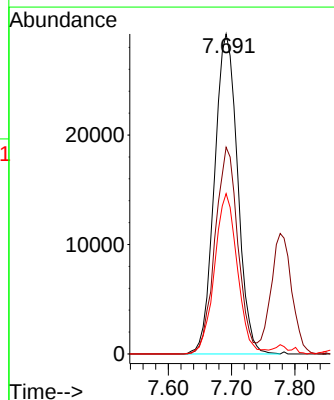
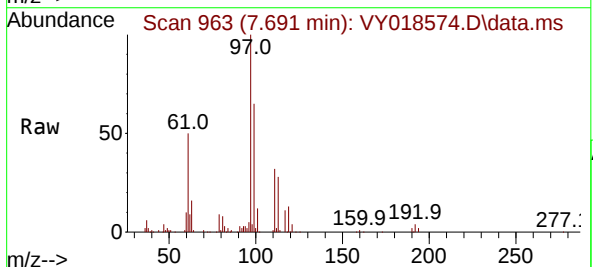
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

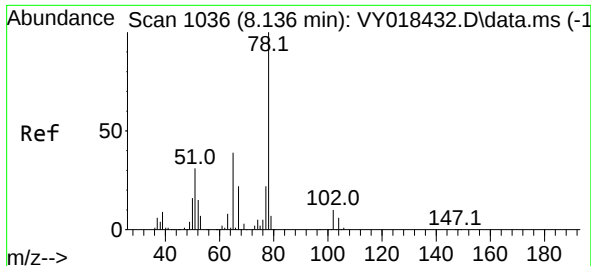
Tgt Ion: 56 Resp: 77460
Ion Ratio Lower Upper
56 100
69 29.4 28.7 43.1
84 86.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 52.467 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 97 Resp: 74209
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 49.7 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 47.083 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

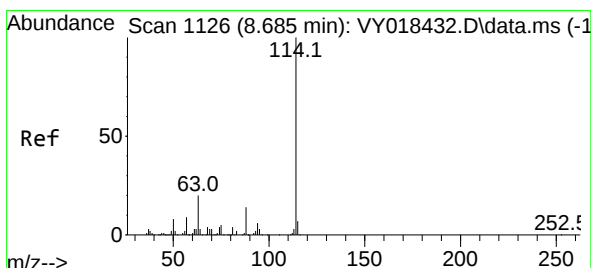
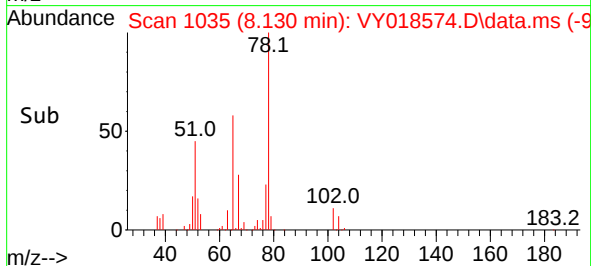
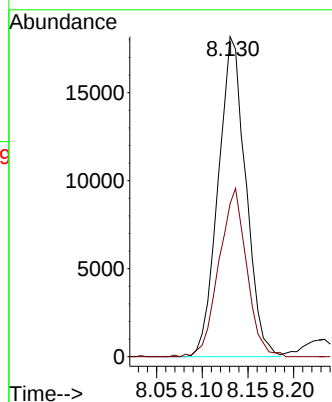
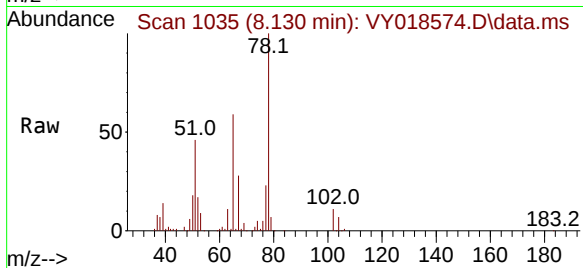
VSTDCCC050EC

Tgt Ion: 65 Resp: 38147

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

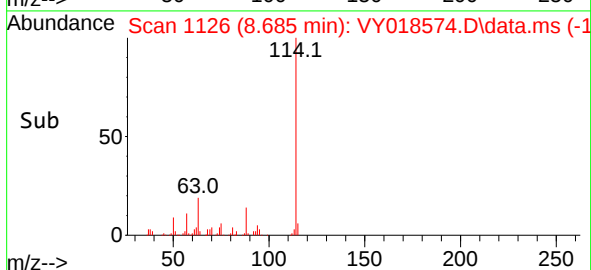
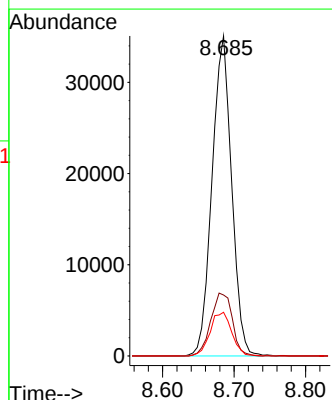
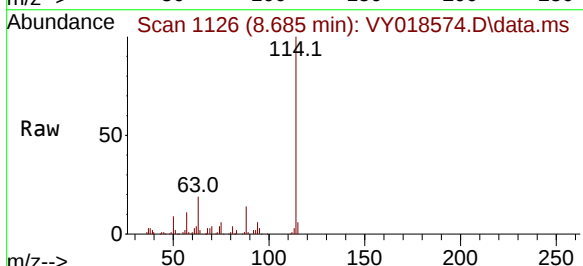
Tgt Ion: 114 Resp: 66725

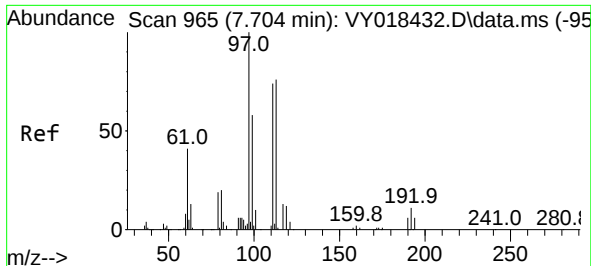
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 13.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 42.877 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

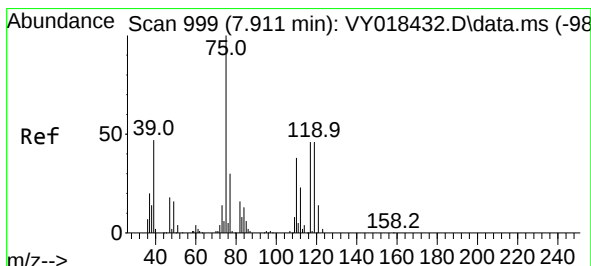
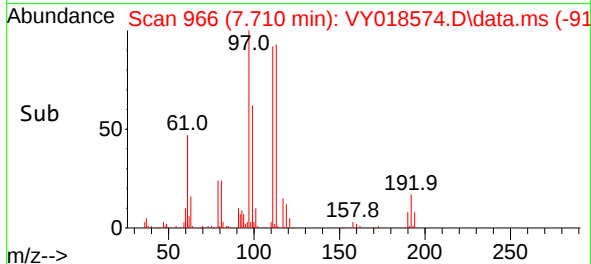
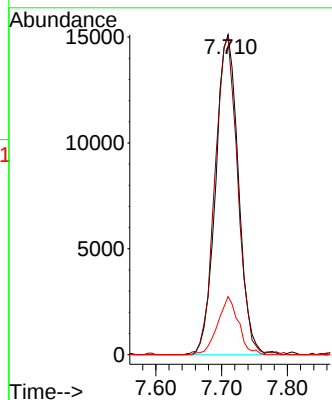
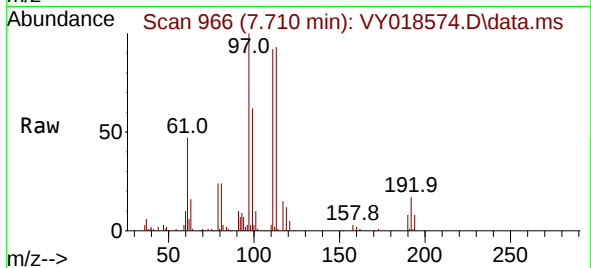
Tgt Ion:113 Resp: 36279

Ion Ratio Lower Upper

113 100

111 99.5 82.2 123.4

192 16.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 50.287 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

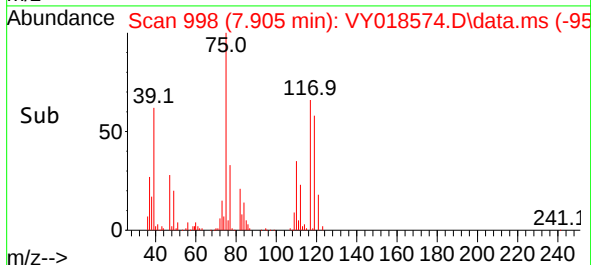
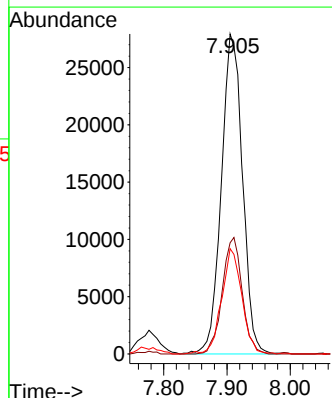
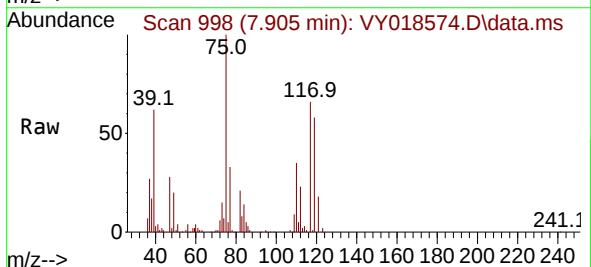
Tgt Ion: 75 Resp: 64877

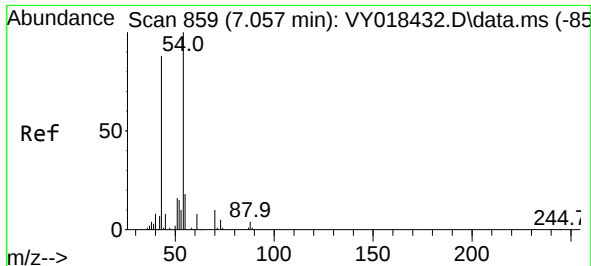
Ion Ratio Lower Upper

75 100

110 34.2 19.0 57.0

77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 53.188 ug/l

RT: 7.063 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

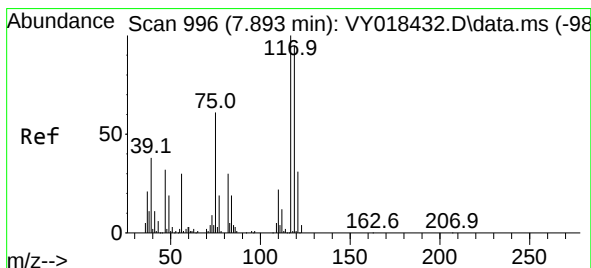
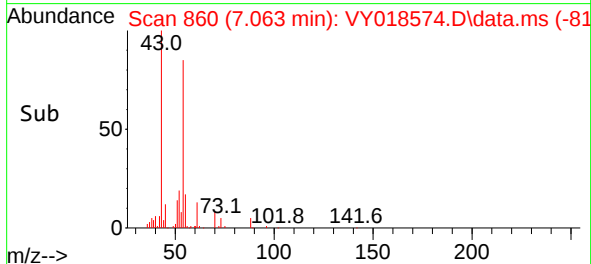
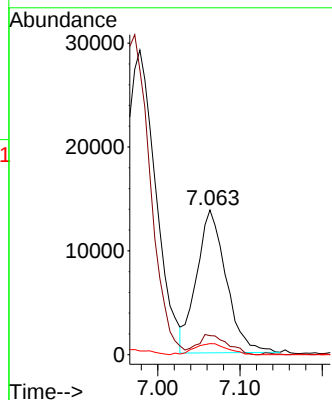
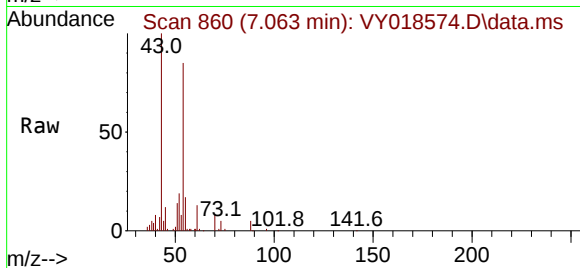
Tgt Ion: 43 Resp: 34280

Ion Ratio Lower Upper

43 100

61 14.2 12.6 19.0

70 8.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 47.340 ug/l

RT: 7.886 min Scan# 995

Delta R.T. -0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

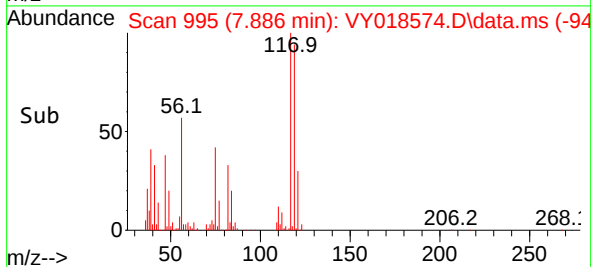
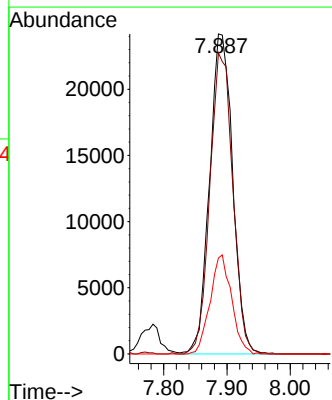
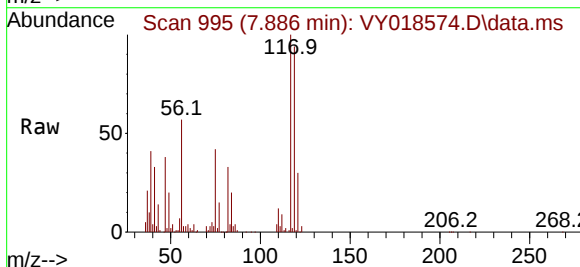
Tgt Ion: 117 Resp: 61202

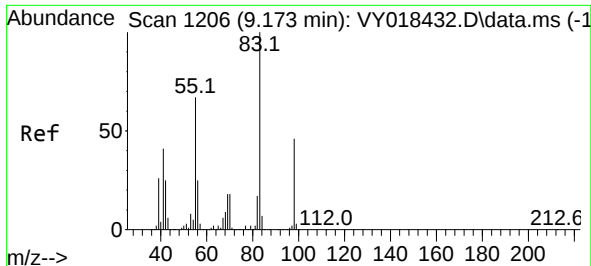
Ion Ratio Lower Upper

117 100

119 94.1 75.8 113.6

121 30.0 24.0 36.0





#39

Methylcyclohexane

Concen: 47.208 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

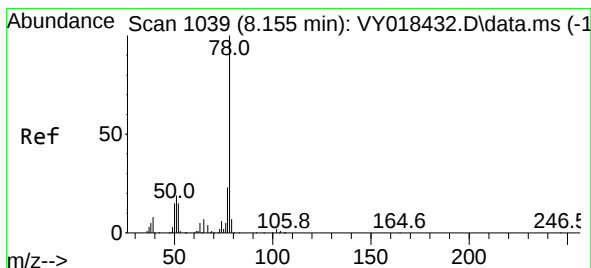
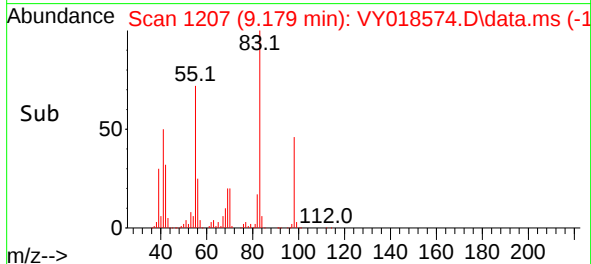
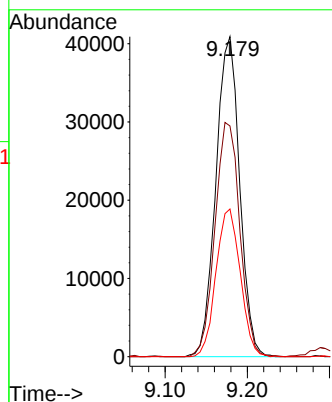
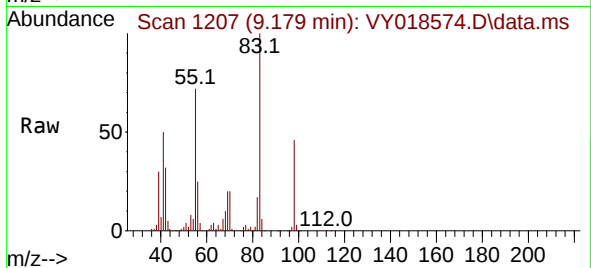
Tgt Ion: 83 Resp: 82334

Ion Ratio Lower Upper

83 100

55 72.1 51.5 77.3

98 46.1 40.5 60.7



#40

Benzene

Concen: 52.113 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018574.D

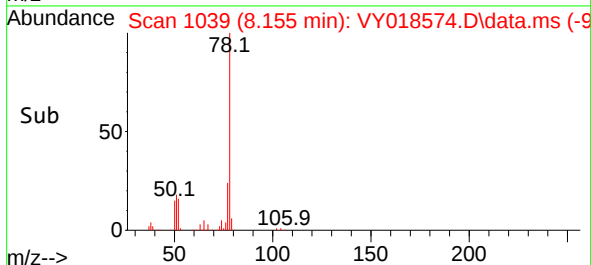
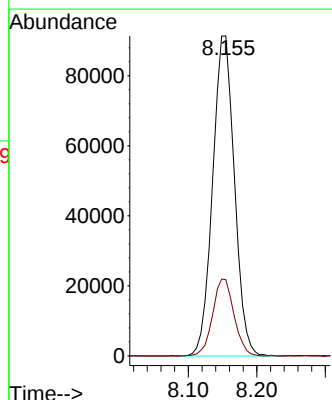
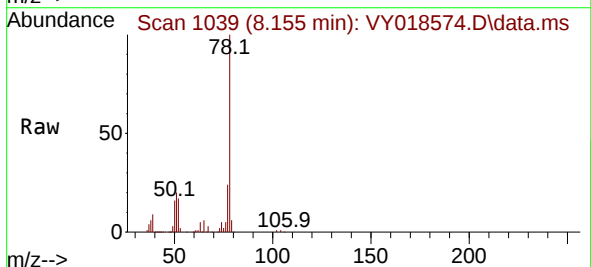
Acq: 12 Jun 2024 17:16

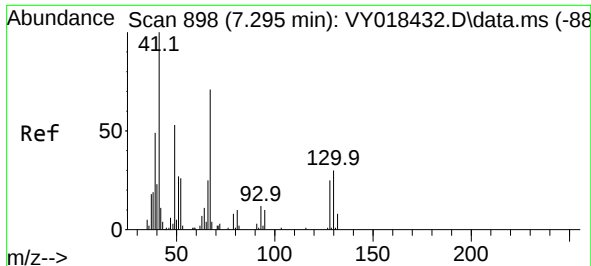
Tgt Ion: 78 Resp: 201447

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

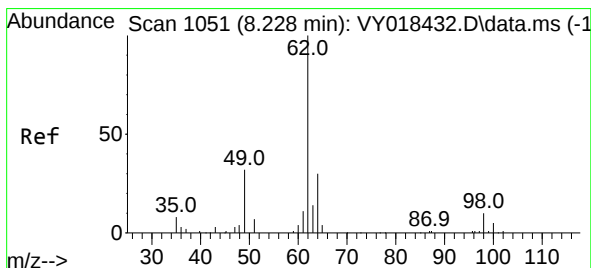
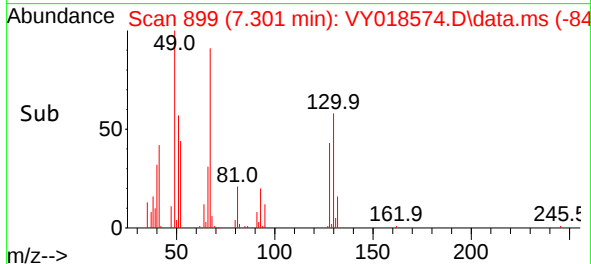
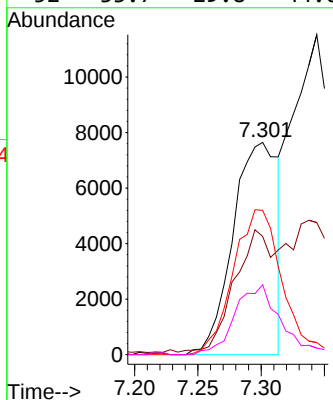
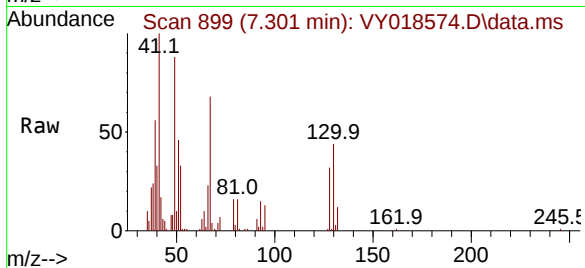




#41
Methacrylonitrile
Concen: 60.154 ug/l
RT: 7.301 min Scan# 899
Delta R.T. 0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

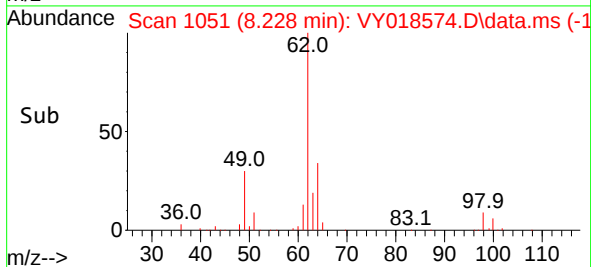
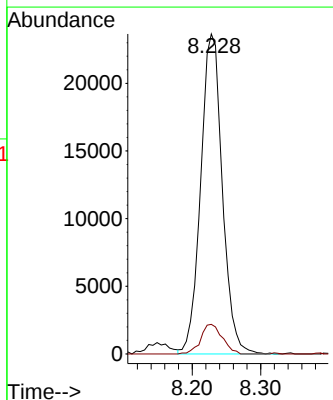
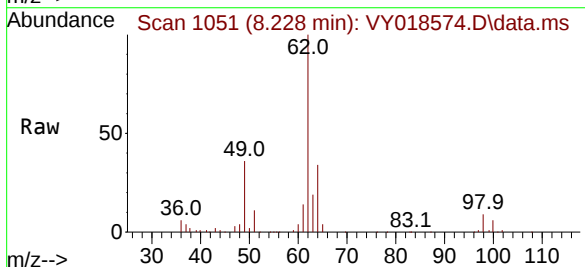
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

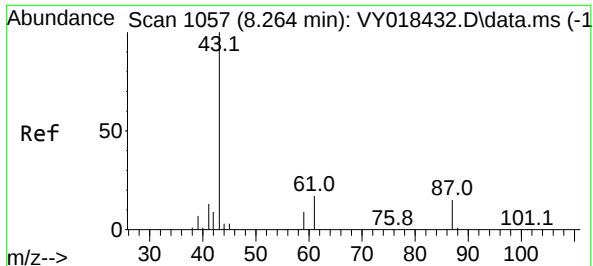
Tgt Ion:	41	Resp:	18858
Ion	Ratio	Lower	Upper
41	100		
39	45.2	48.0	72.0#
67	74.8	75.1	112.7#
52	33.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 55.287 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion:	62	Resp:	51958
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	22.0

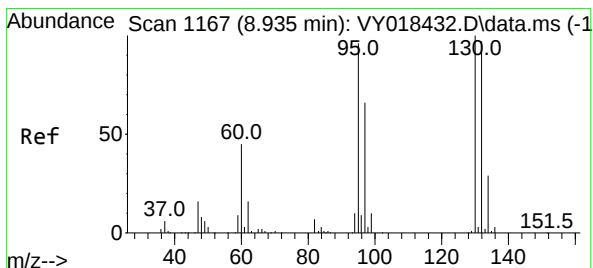
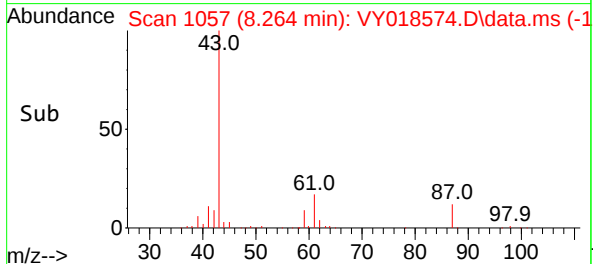
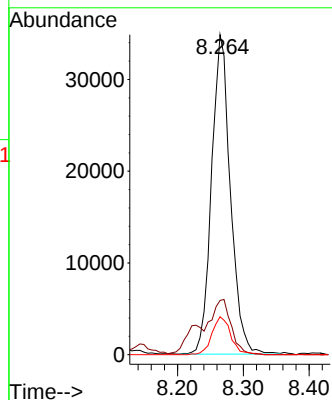
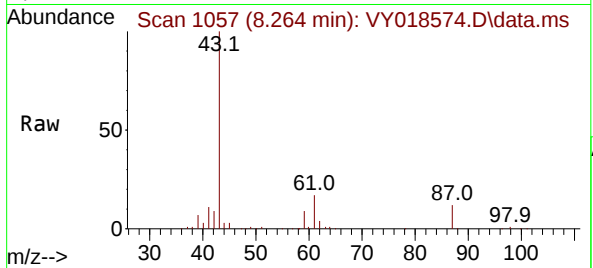




#43
Isopropyl Acetate
Concen: 57.657 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

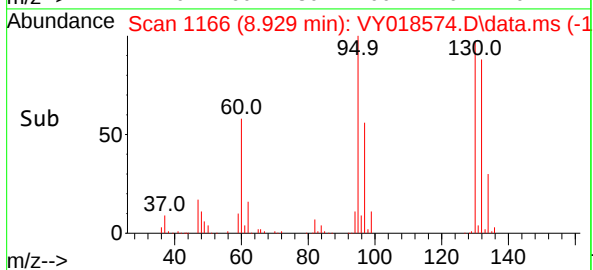
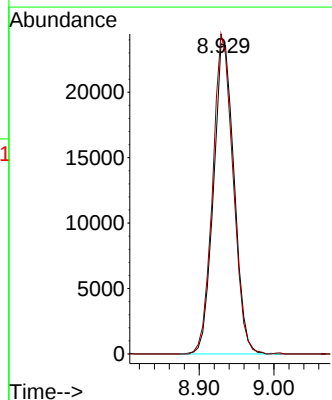
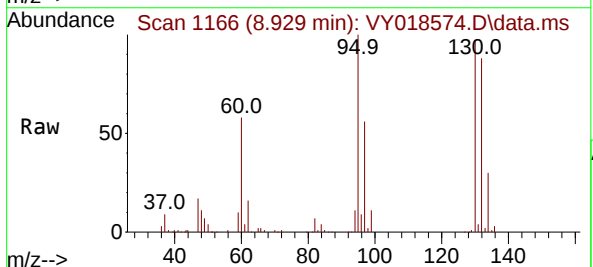
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

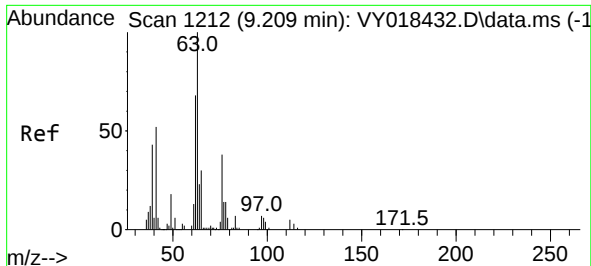
Tgt Ion: 43 Resp: 69483
Ion Ratio Lower Upper
43 100
61 18.4 27.9 41.9#
87 11.9 13.1 19.7#



#44
Trichloroethene
Concen: 47.712 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion:130 Resp: 45705
Ion Ratio Lower Upper
130 100
95 103.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 56.109 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

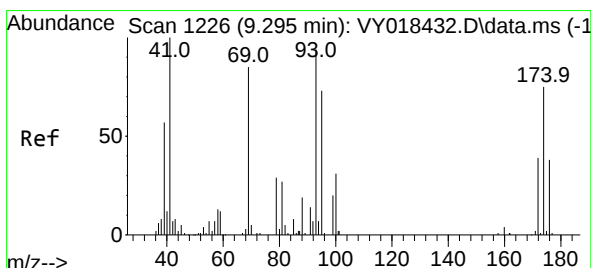
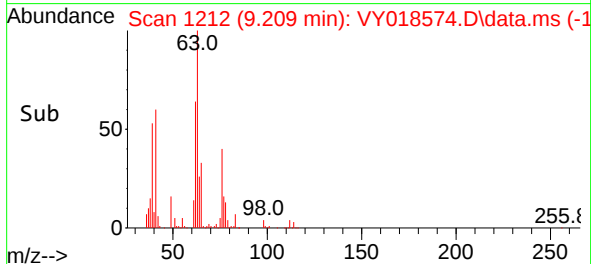
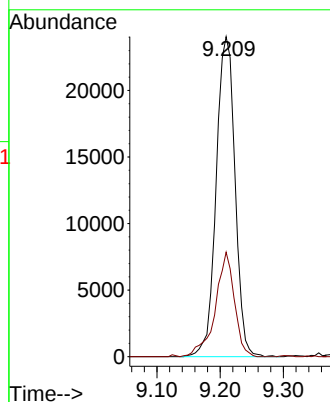
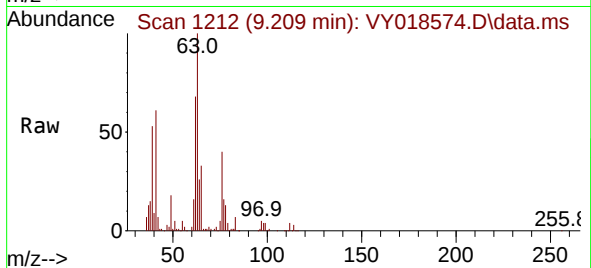
VSTDCCC050EC

Tgt Ion: 63 Resp: 49602

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.2



#46

Dibromomethane

Concen: 50.451 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

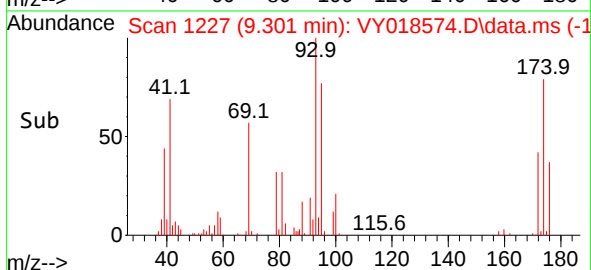
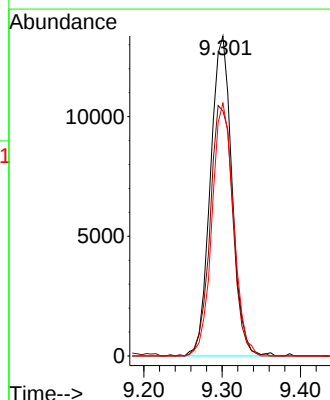
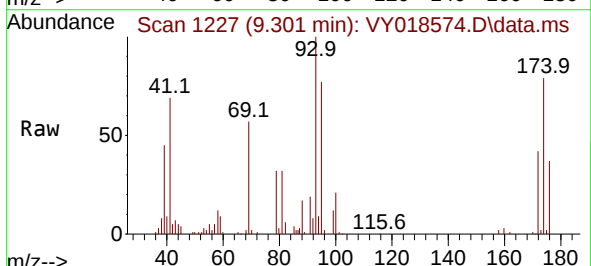
Tgt Ion: 93 Resp: 25571

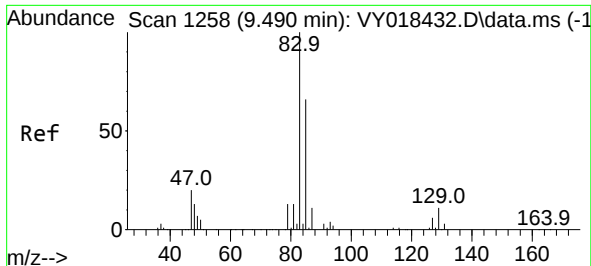
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 78.8 80.9 121.3#

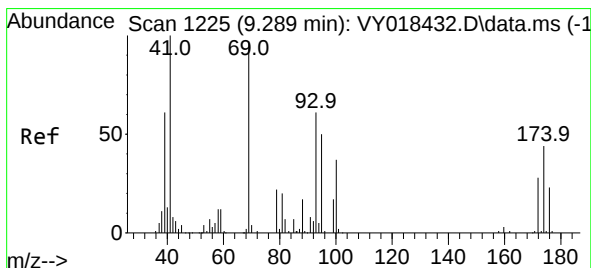
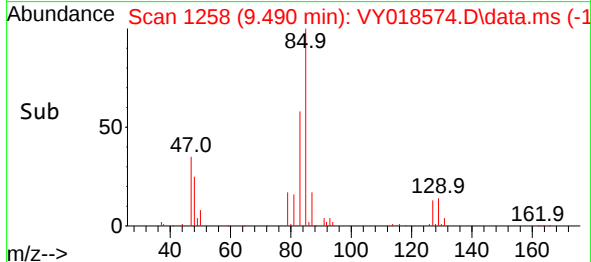
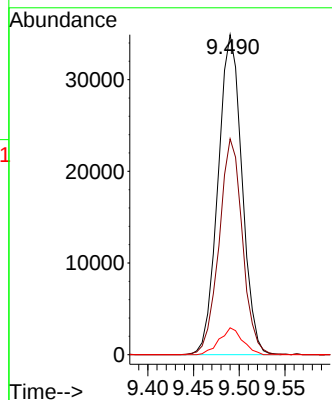
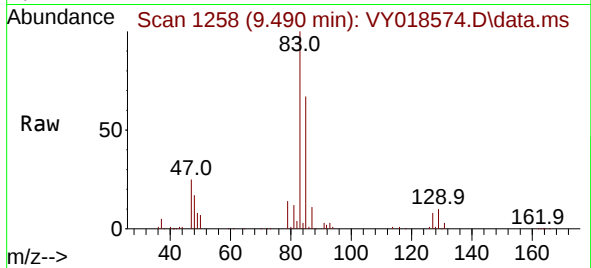




#47
Bromodichloromethane
Concen: 52.292 ug/l
RT: 9.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

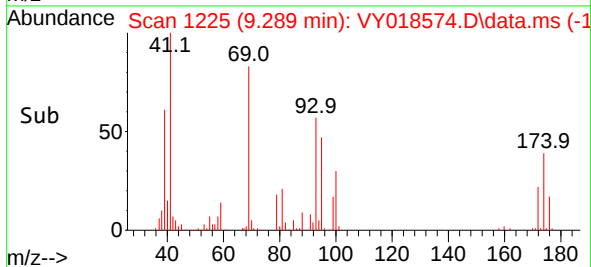
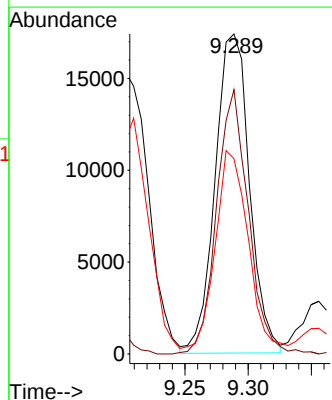
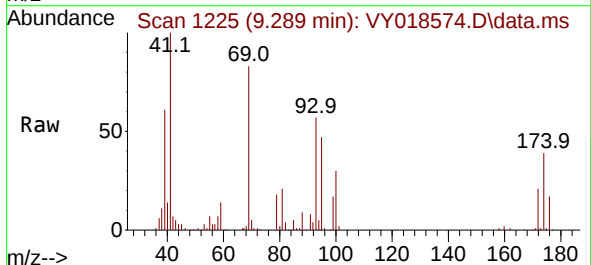
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

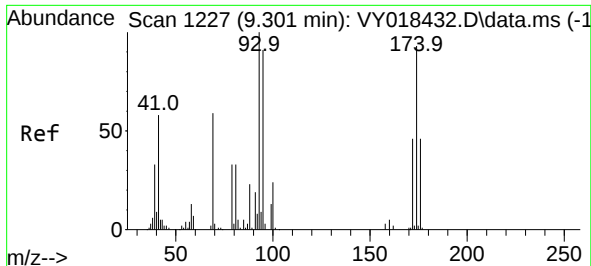
Tgt Ion: 83 Resp: 63622
Ion Ratio Lower Upper
83 100
85 67.5 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 59.310 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 41 Resp: 32885
Ion Ratio Lower Upper
41 100
69 76.4 84.1 126.1#
39 58.6 43.6 65.4

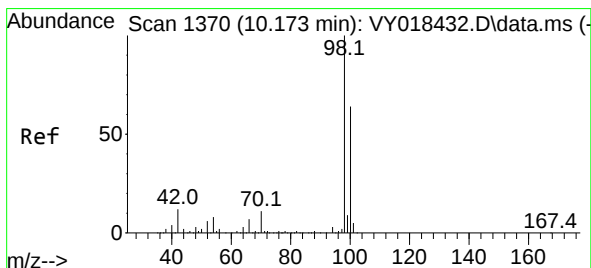
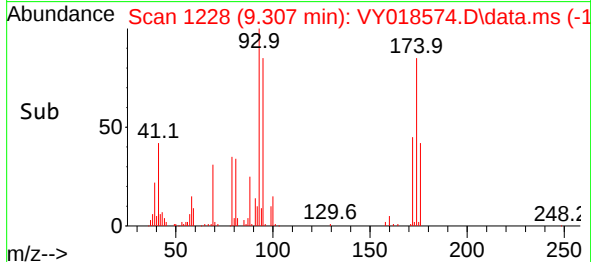
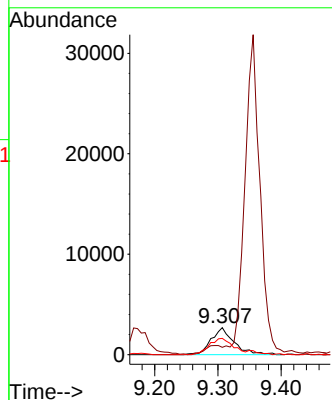
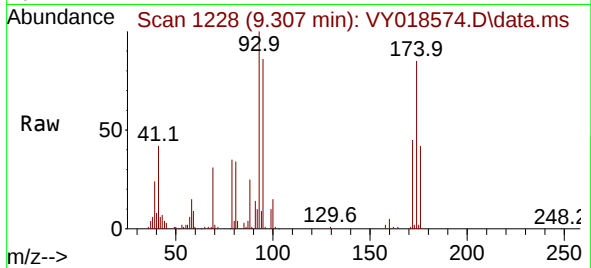




#49
1,4-Dioxane
Concen: 1013.676 ug/l
RT: 9.307 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

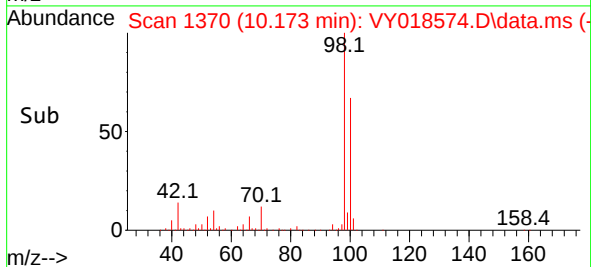
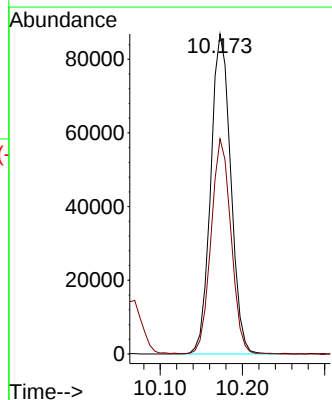
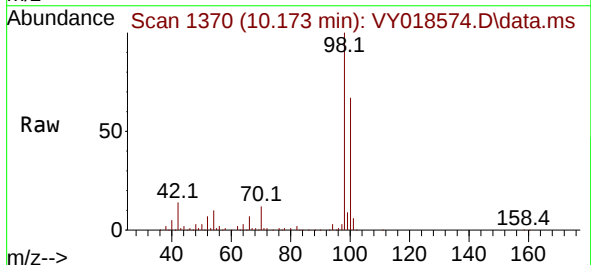
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

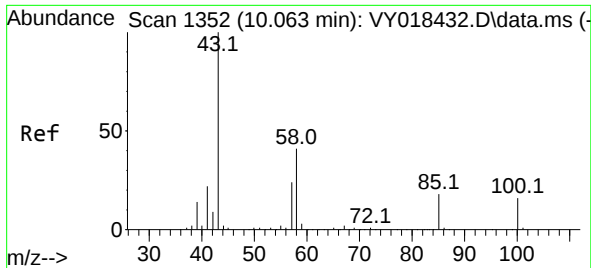
Tgt Ion: 88 Resp: 6747
Ion Ratio Lower Upper
88 100
43 26.6 0.0 0.0#
58 62.7 49.3 73.9



#50
Toluene-d8
Concen: 43.713 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 98 Resp: 147143
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0

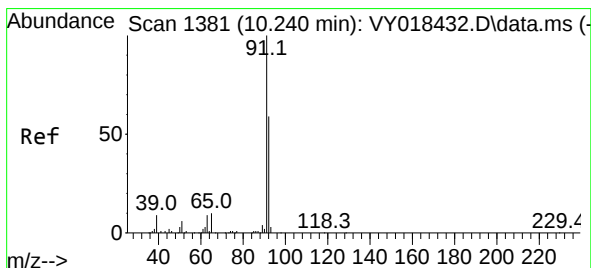
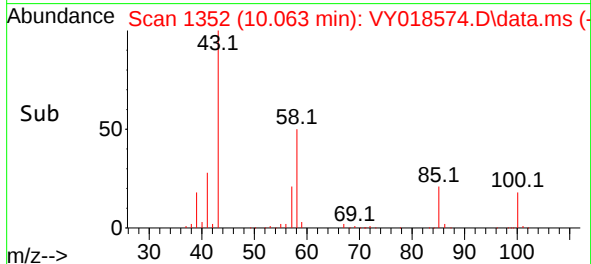
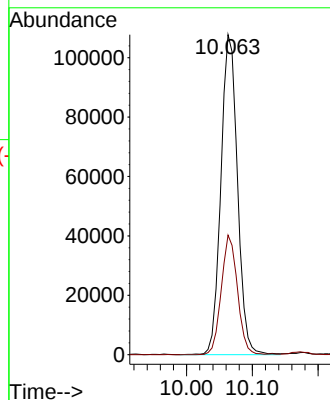
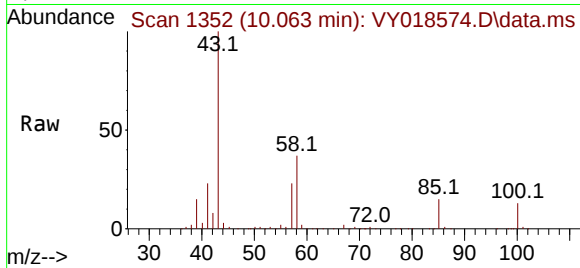




#51
4-Methyl-2-Pentanone
Concen: 302.283 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

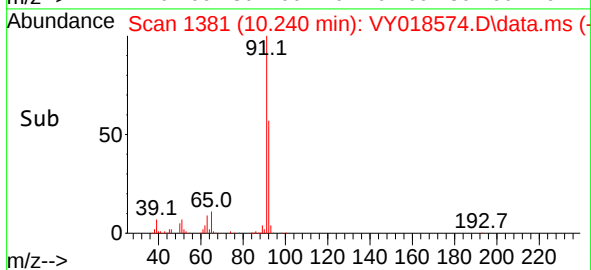
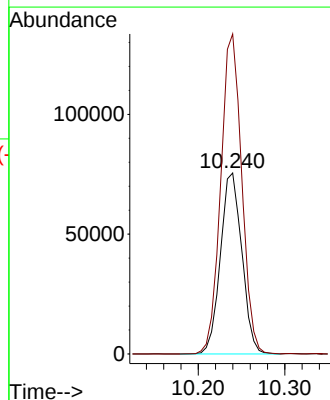
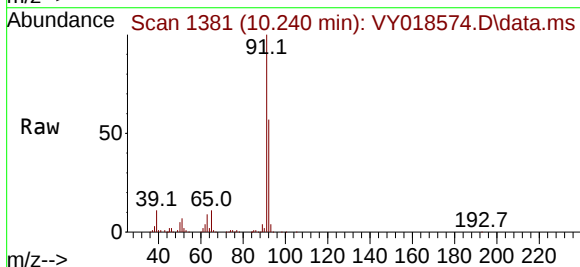
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

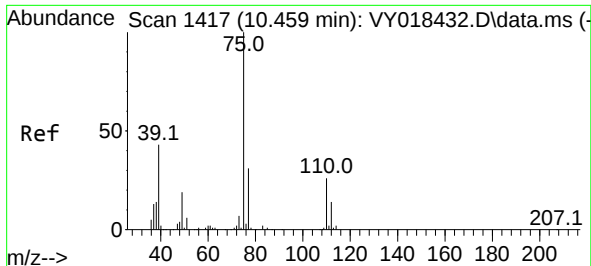
Tgt Ion: 43 Resp: 189159
Ion Ratio Lower Upper
43 100
58 36.4 35.7 53.5



#52
Toluene
Concen: 54.550 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 92 Resp: 129693
Ion Ratio Lower Upper
92 100
91 173.3 139.0 208.6

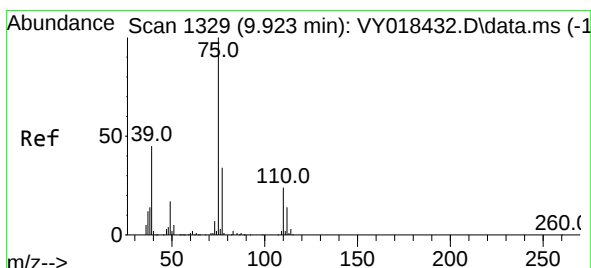
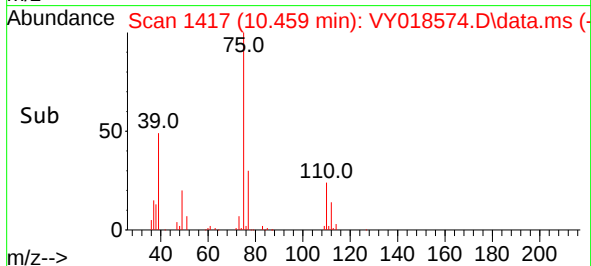
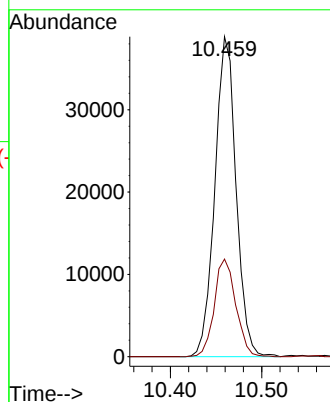
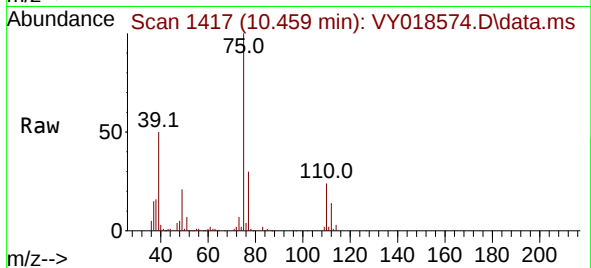




#53
t-1,3-Dichloropropene
Concen: 56.194 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

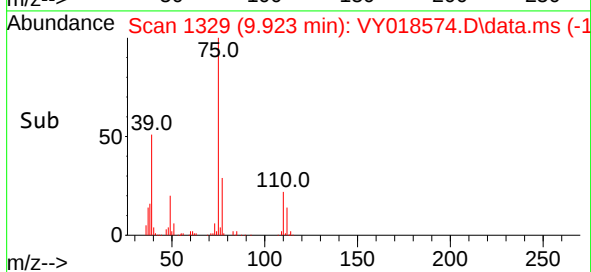
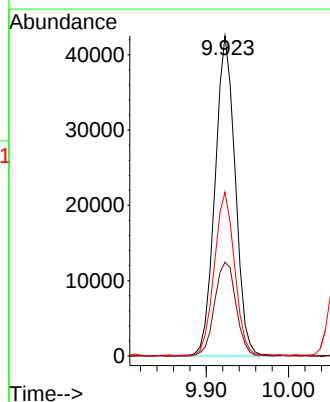
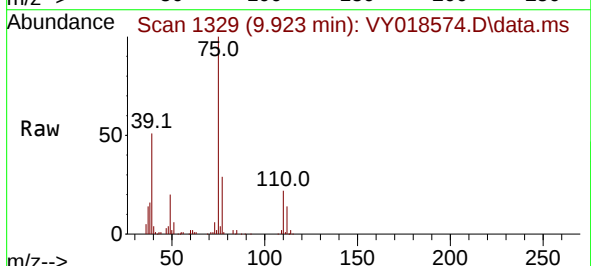
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

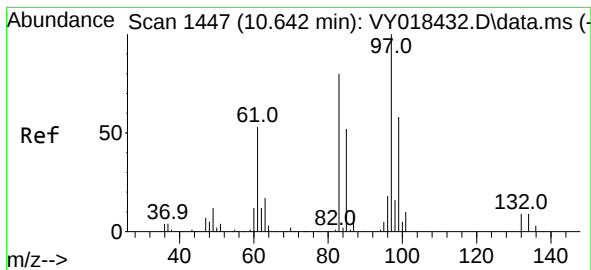
Tgt Ion: 75 Resp: 62786
Ion Ratio Lower Upper
75 100
77 30.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 52.593 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 75 Resp: 72352
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.0
39 51.0 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 54.281 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 35794

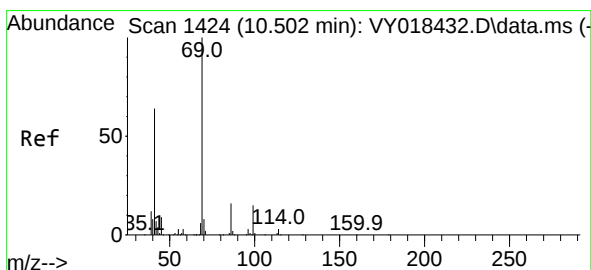
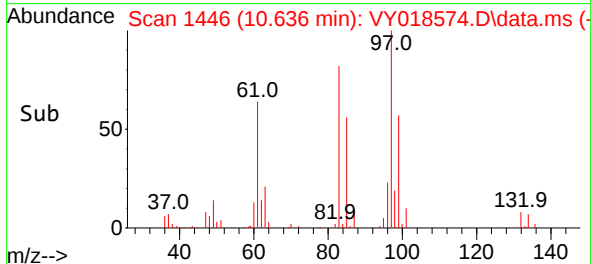
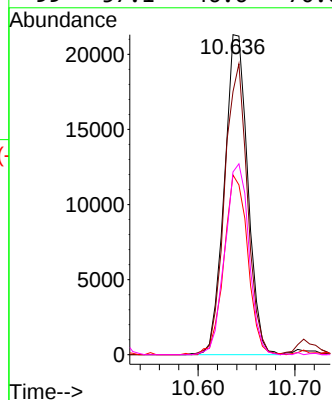
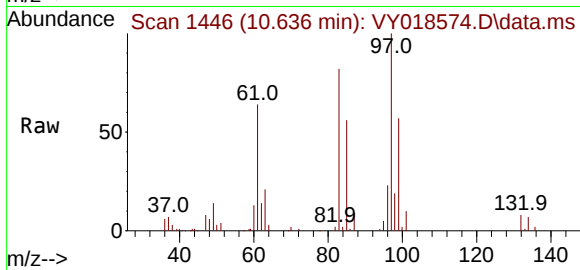
Ion Ratio Lower Upper

97 100

83 82.2 67.5 101.3

85 56.2 42.9 64.3

99 57.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 56.109 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

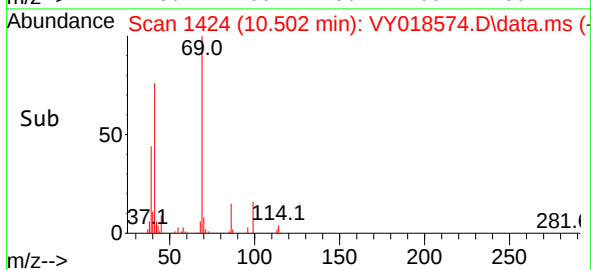
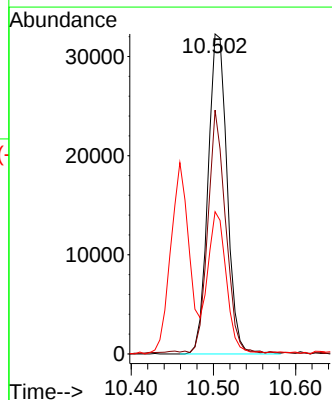
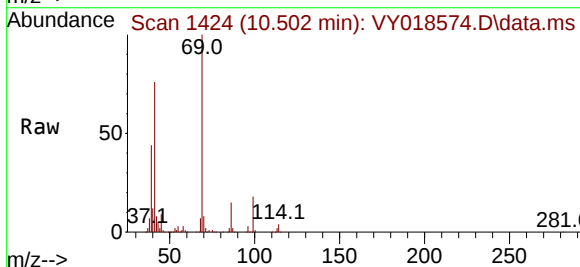
Tgt Ion: 69 Resp: 52066

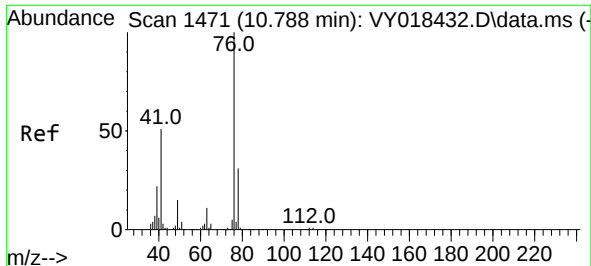
Ion Ratio Lower Upper

69 100

41 69.7 42.3 63.5#

39 42.3 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 56.404 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

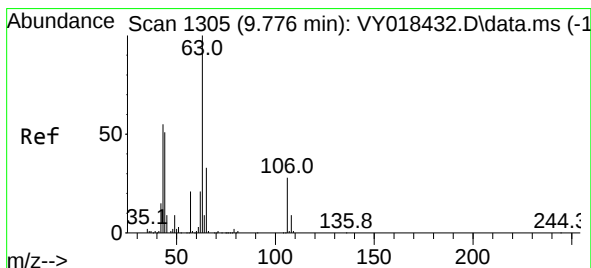
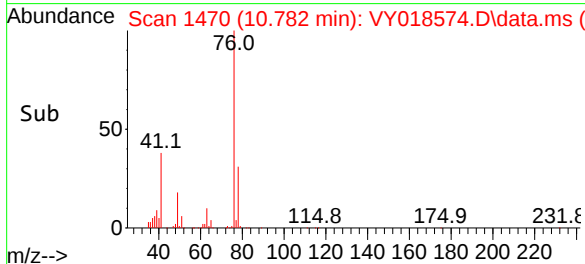
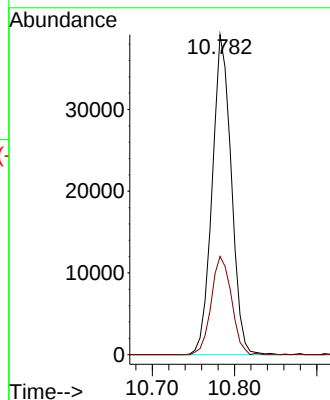
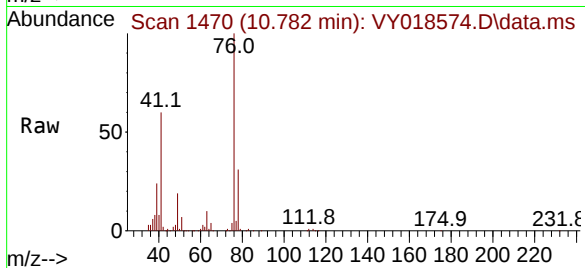
VSTDCCC050EC

Tgt Ion: 76 Resp: 63142

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 253.517 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018574.D

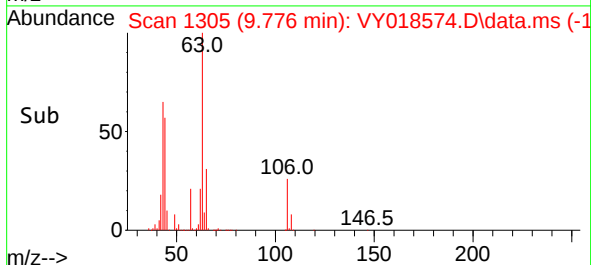
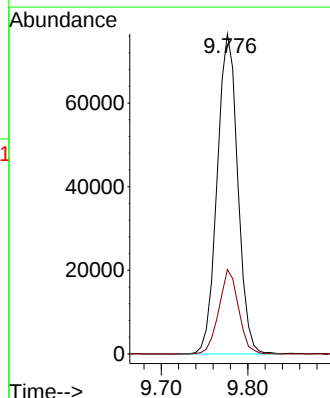
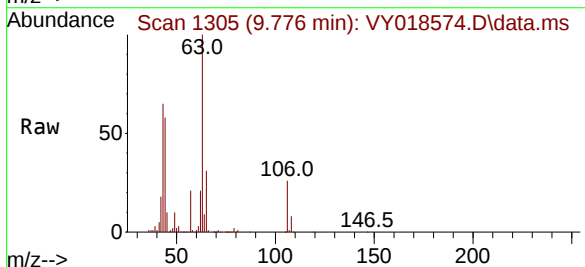
Acq: 12 Jun 2024 17:16

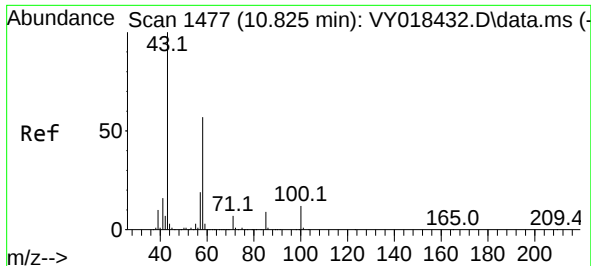
Tgt Ion: 63 Resp: 126329

Ion Ratio Lower Upper

63 100

106 25.2 23.7 35.5

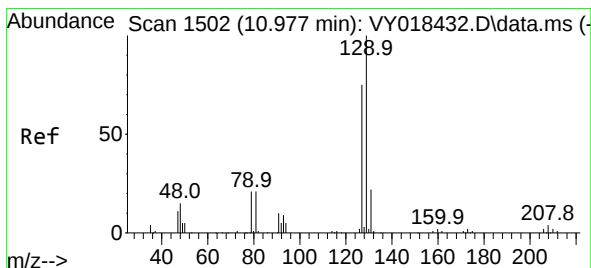
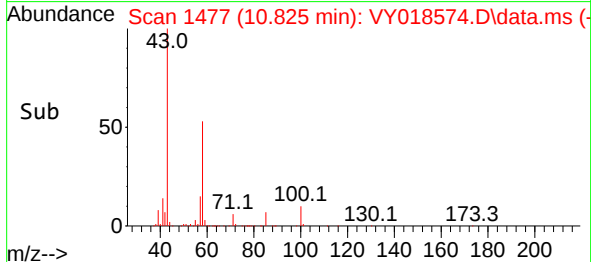
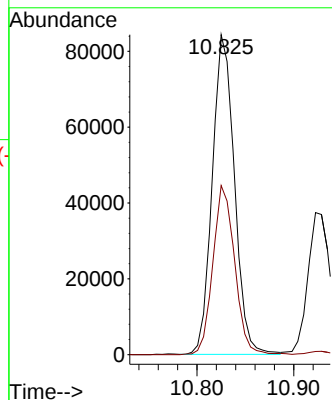
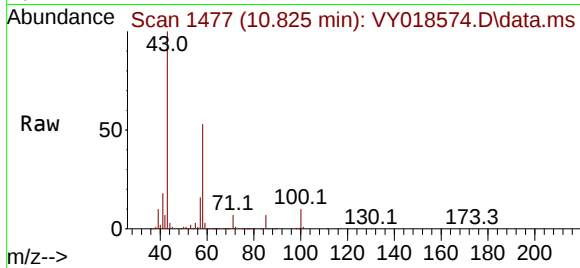




#59
2-Hexanone
Concen: 310.607 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

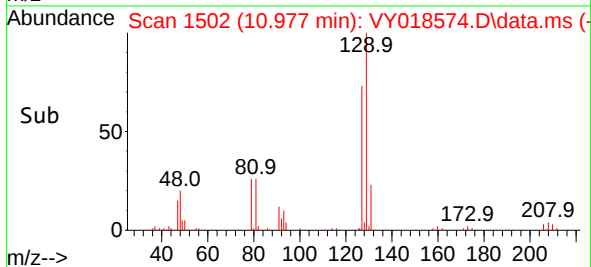
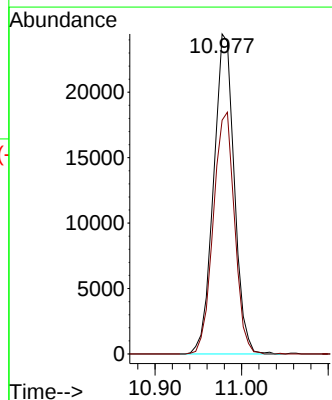
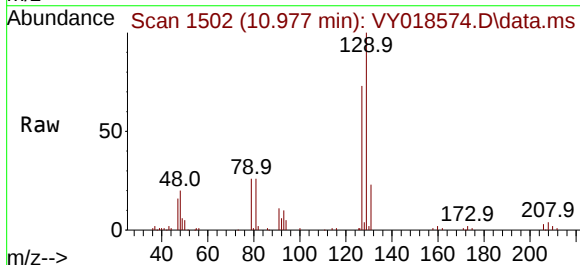
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

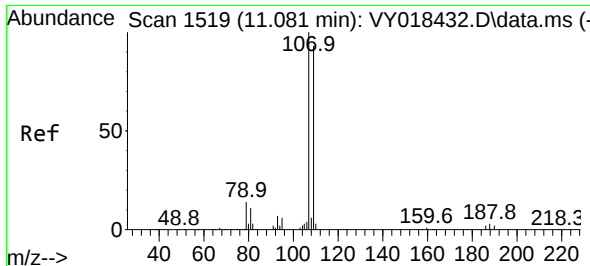
Tgt Ion: 43 Resp: 134316
Ion Ratio Lower Upper
43 100
58 52.1 31.4 94.0



#60
Dibromochloromethane
Concen: 50.442 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 129 Resp: 40637
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

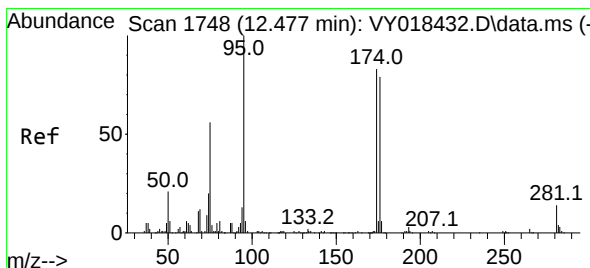
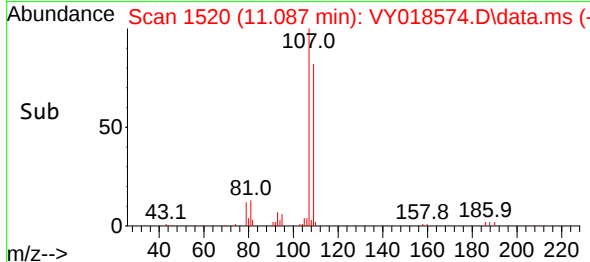
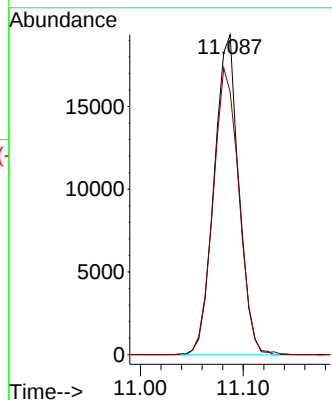
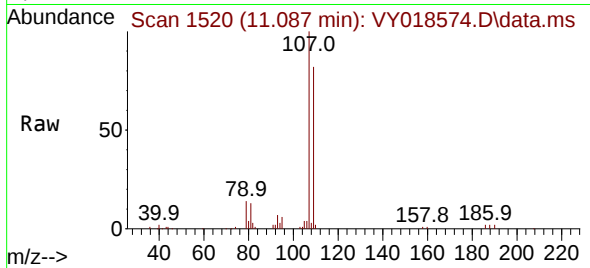




#61
1,2-Dibromoethane
Concen: 51.657 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

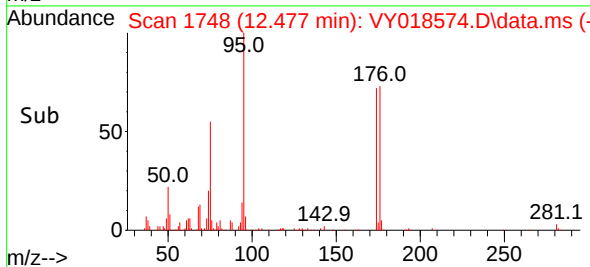
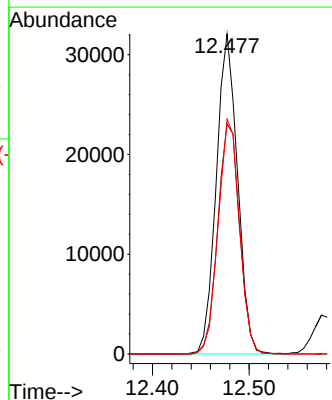
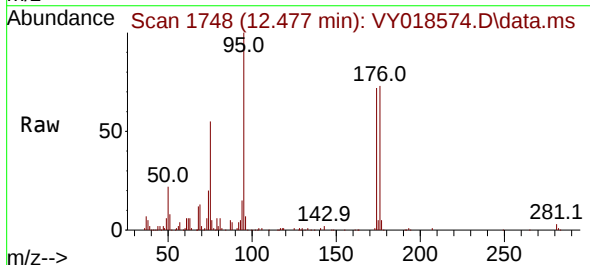
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

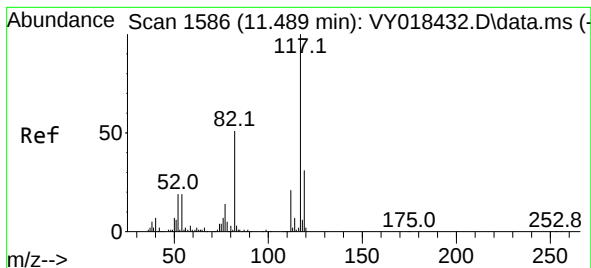
Tgt Ion:107 Resp: 32077
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.543 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 95 Resp: 48779
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 73.4 0.0 171.4

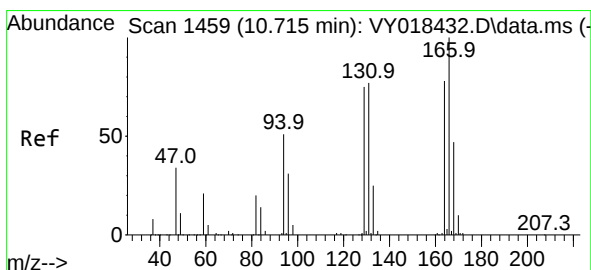
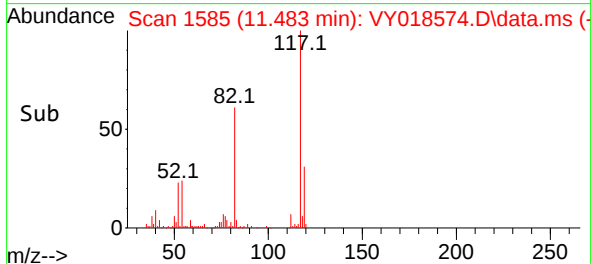
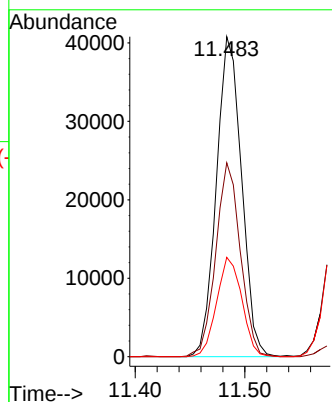
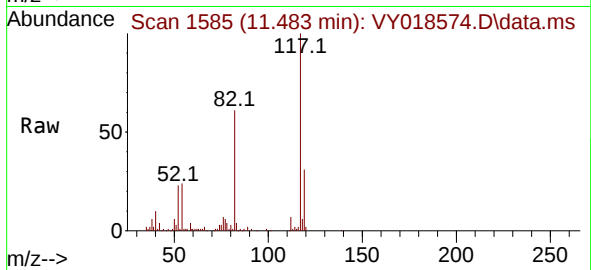




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

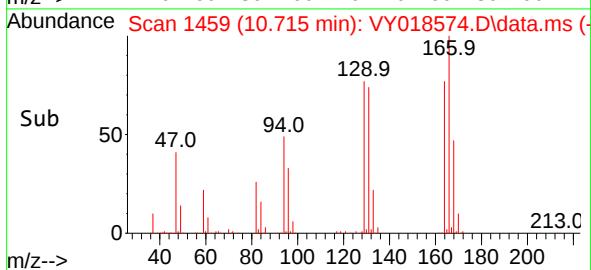
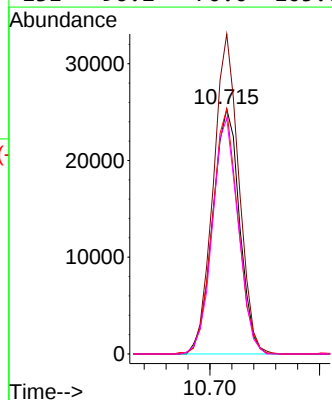
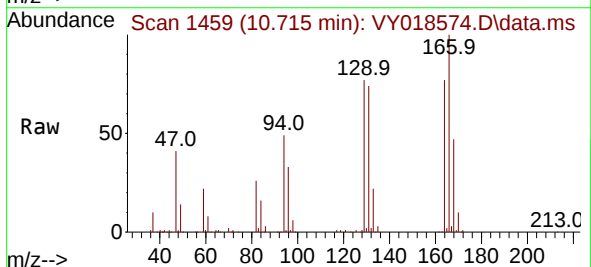
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

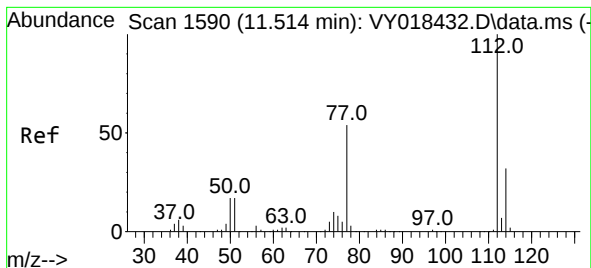
Tgt Ion:117 Resp: 65126
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.1 25.9 38.9



#64
Tetrachloroethene
Concen: 44.760 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion:164 Resp: 42938
Ion Ratio Lower Upper
164 100
166 130.6 102.6 154.0
129 100.0 72.0 108.0
131 96.2 70.0 105.0





#65

Chlorobenzene

Concen: 47.072 ug/l

RT: 11.508 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

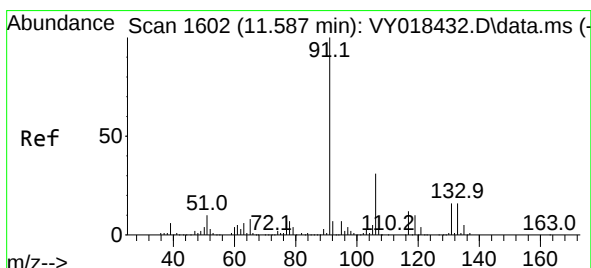
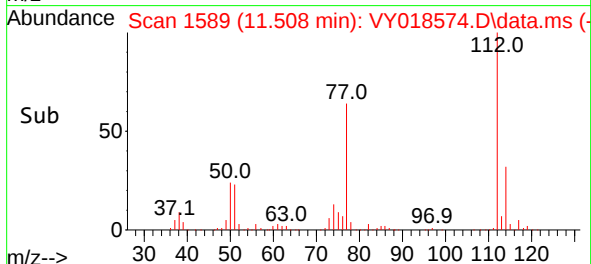
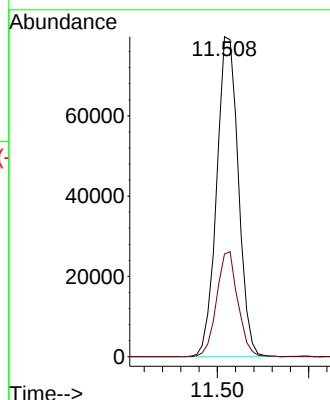
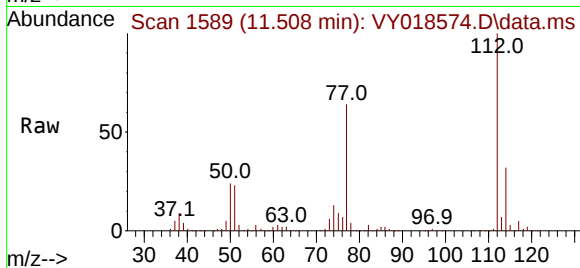
VSTDCCC050EC

Tgt Ion:112 Resp: 131466

Ion Ratio Lower Upper

112 100

114 32.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.339 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

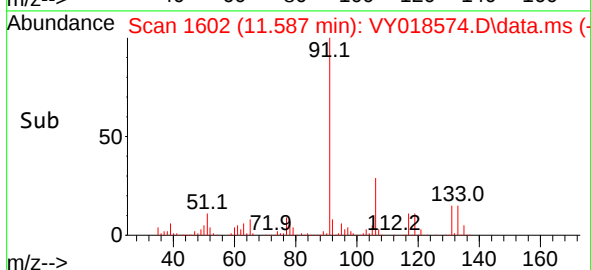
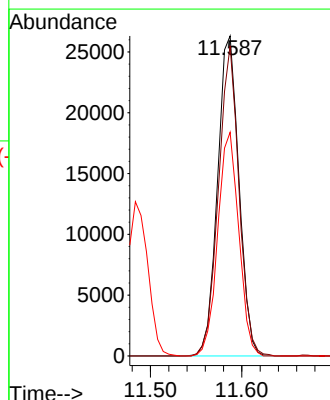
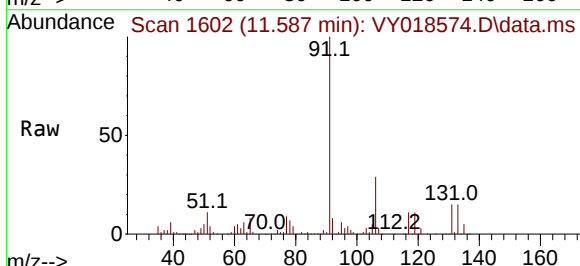
Tgt Ion:131 Resp: 42751

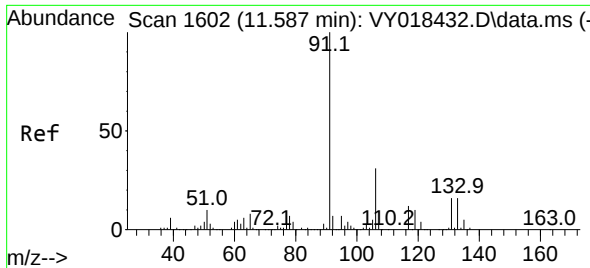
Ion Ratio Lower Upper

131 100

133 93.1 47.8 143.3

119 69.0 34.1 102.2

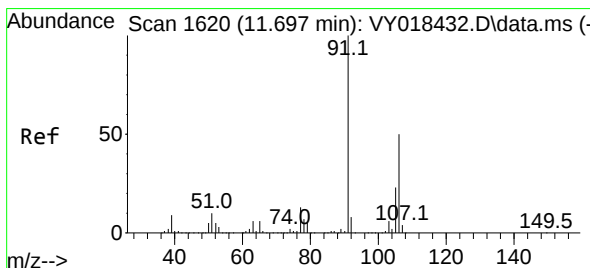
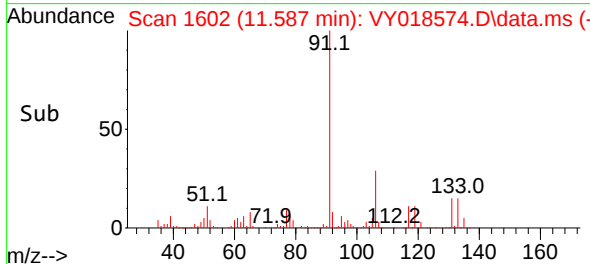
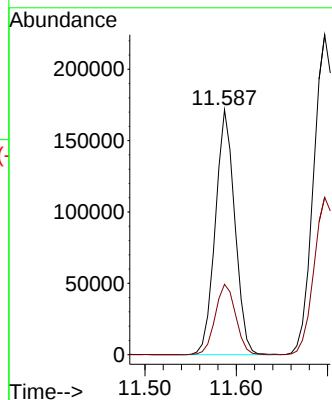
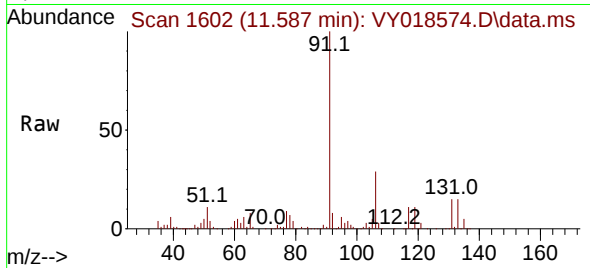




#67
Ethyl Benzene
Concen: 50.070 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

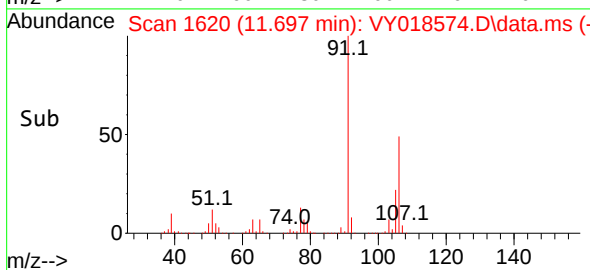
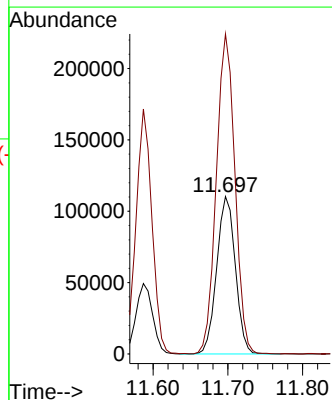
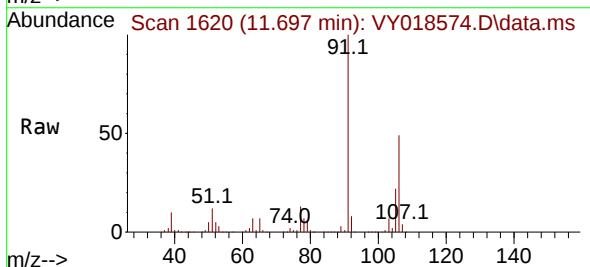
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

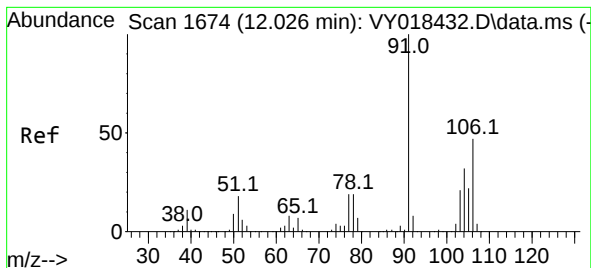
Tgt Ion: 91 Resp: 254527
Ion Ratio Lower Upper
91 100
106 28.7 24.5 36.7



#68
m/p-Xylenes
Concen: 99.982 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion:106 Resp: 191382
Ion Ratio Lower Upper
106 100
91 202.7 156.0 234.0





#69

o-Xylene

Concen: 49.147 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

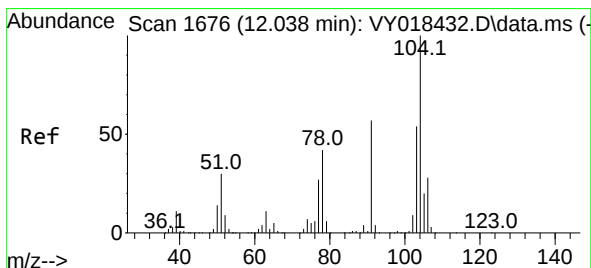
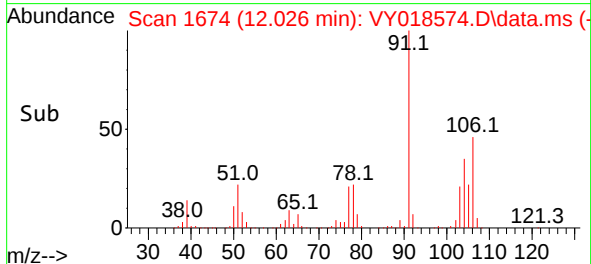
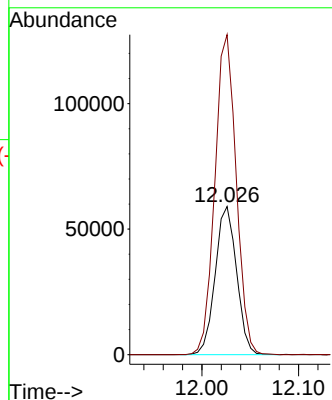
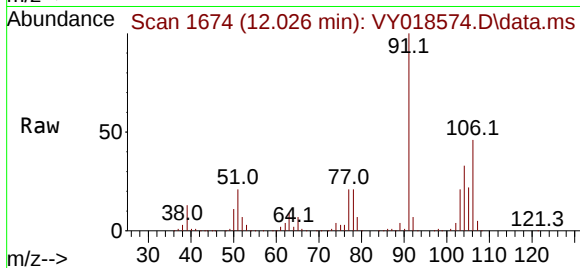
VSTDCCC050EC

Tgt Ion:106 Resp: 90560

Ion Ratio Lower Upper

106 100

91 215.5 103.6 310.8



#70

Styrene

Concen: 52.370 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

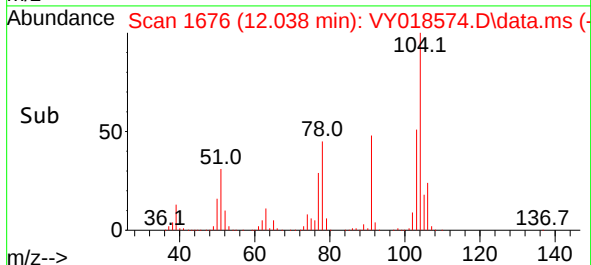
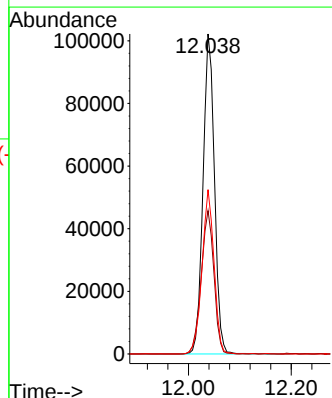
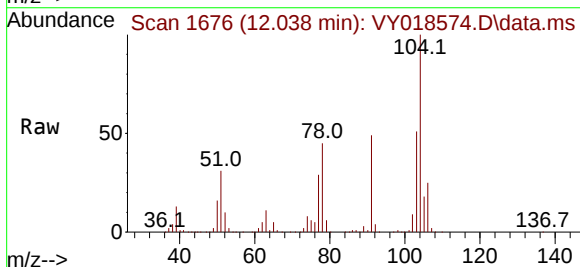
Tgt Ion:104 Resp: 157668

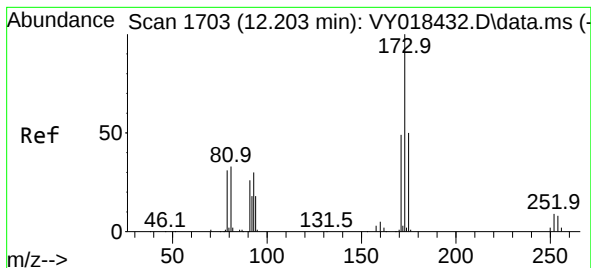
Ion Ratio Lower Upper

104 100

78 49.6 37.0 55.4

103 53.9 44.2 66.2





#71

Bromoform

Concen: 44.208 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

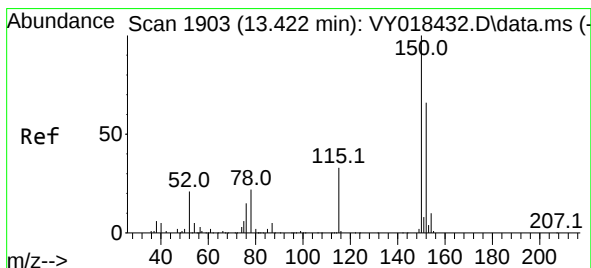
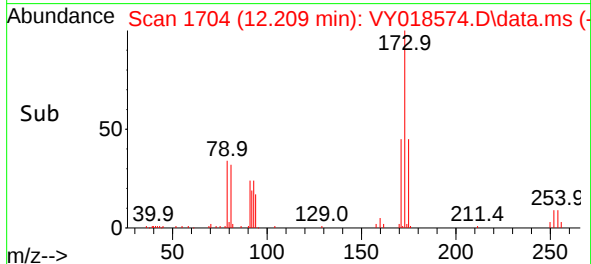
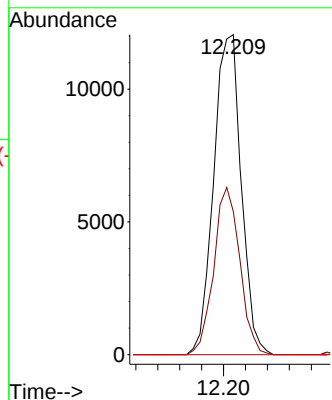
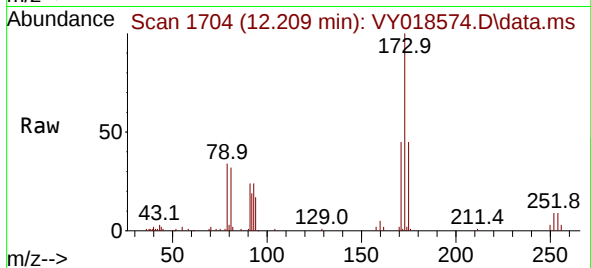
Tgt Ion:173 Resp: 21032

Ion Ratio Lower Upper

173 100

175 49.4 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: VY018574.D

Acq: 12 Jun 2024 17:16

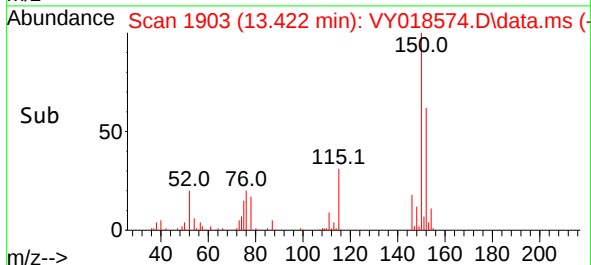
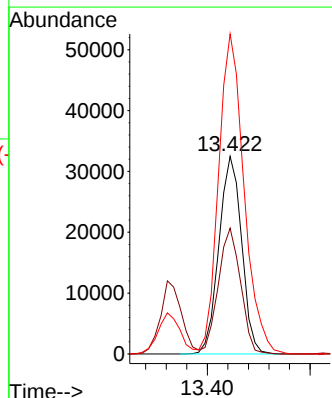
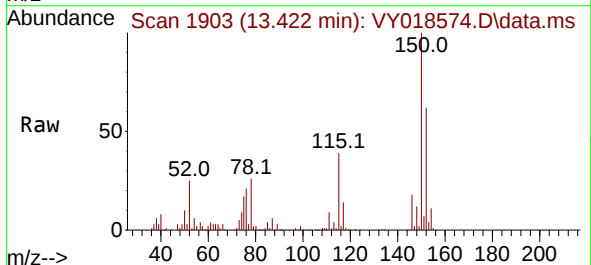
Tgt Ion:152 Resp: 49741

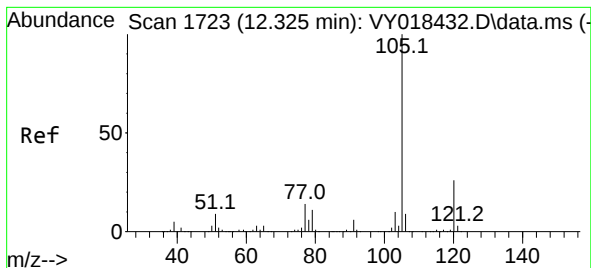
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 181.1 0.0 345.6





#73

Isopropylbenzene

Concen: 47.122 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

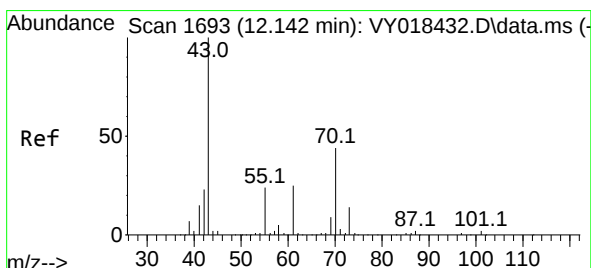
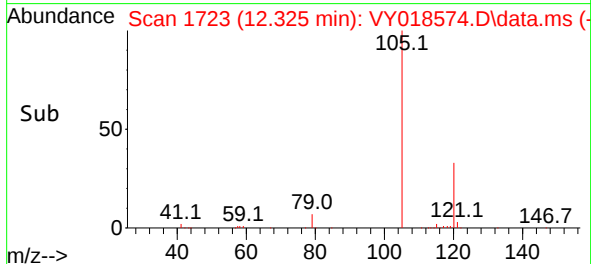
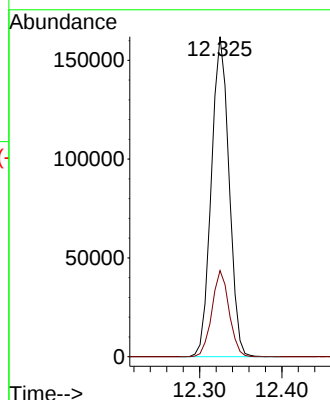
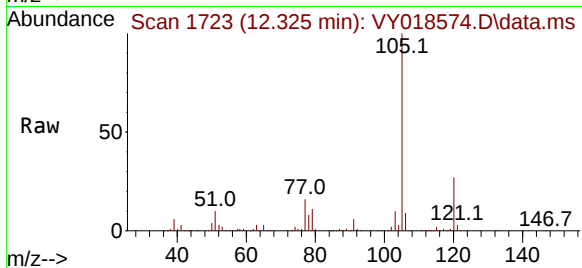
VSTDCCC050EC

Tgt Ion:105 Resp: 241873

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 53.584 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Tgt Ion: 43 Resp: 66949

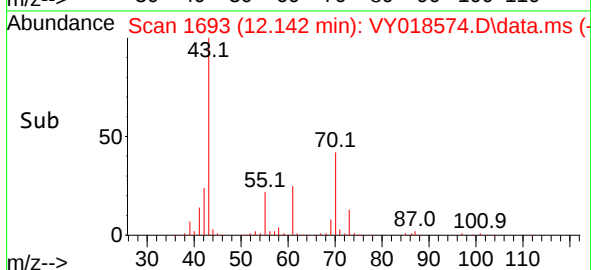
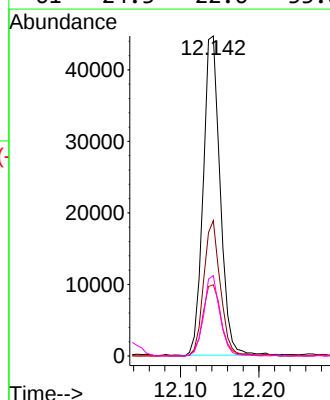
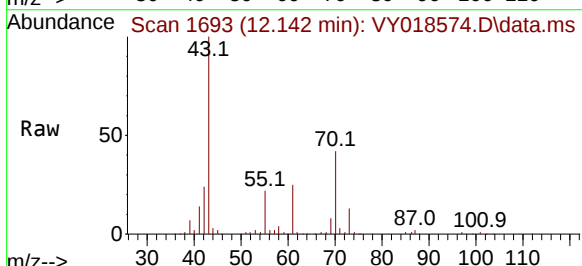
Ion Ratio Lower Upper

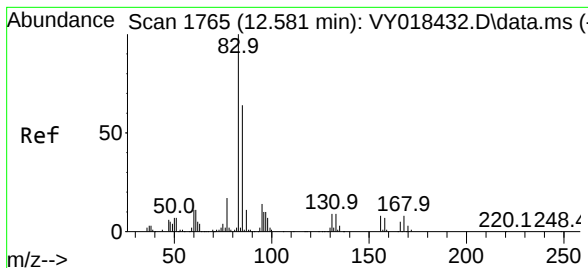
43 100

70 41.8 41.4 62.2

55 24.3 23.3 34.9

61 24.3 22.6 33.8

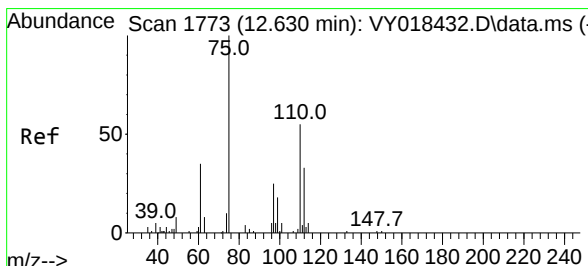
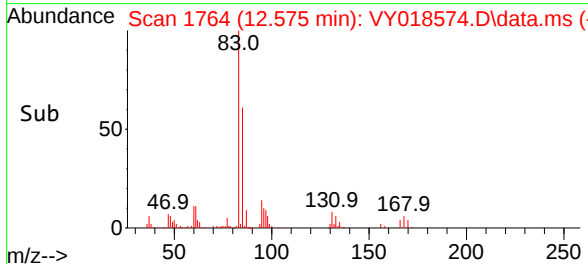
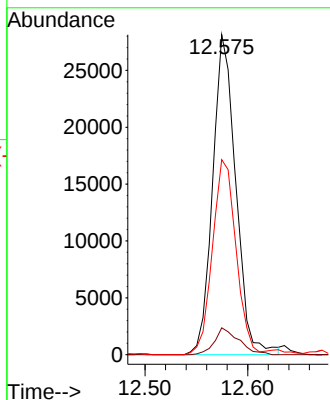
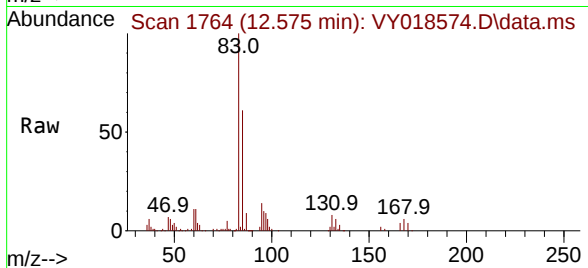




#75
1,1,2,2-Tetrachloroethane
Concen: 48.739 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

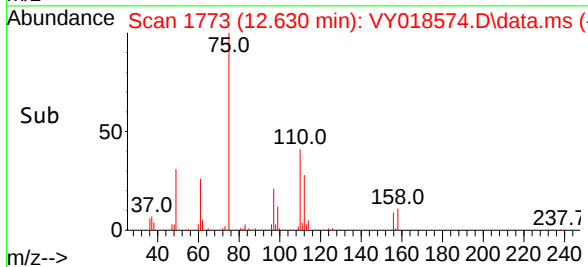
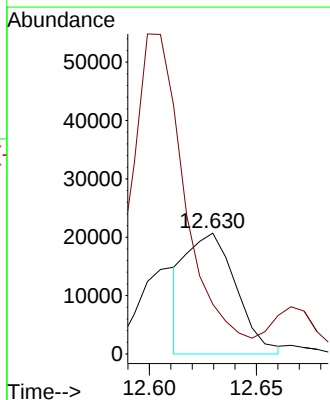
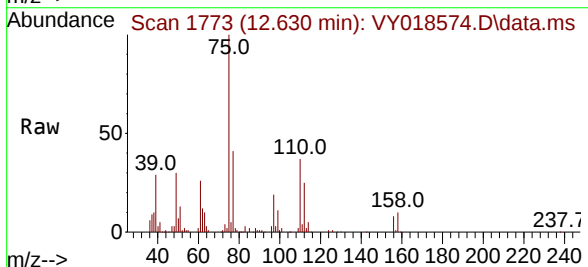
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

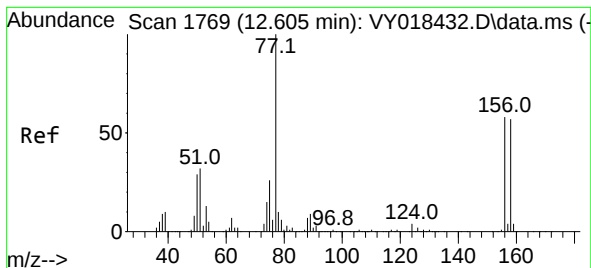
Tgt Ion: 83 Resp: 44039
Ion Ratio Lower Upper
83 100
131 8.8 5.0 14.9
85 62.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 54.384 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 75 Resp: 33544
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 42.899 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

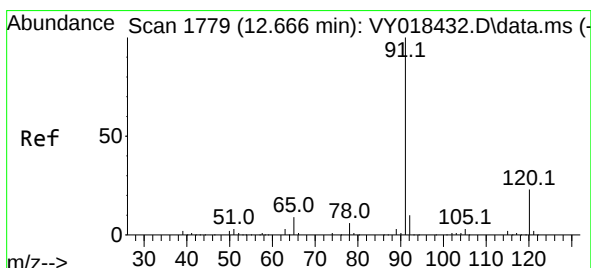
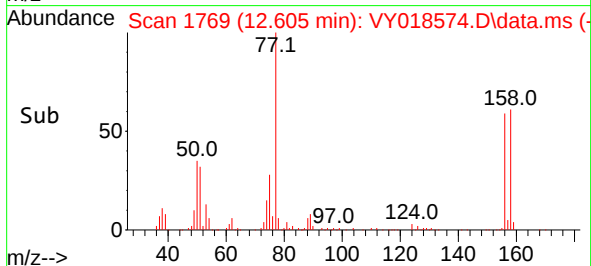
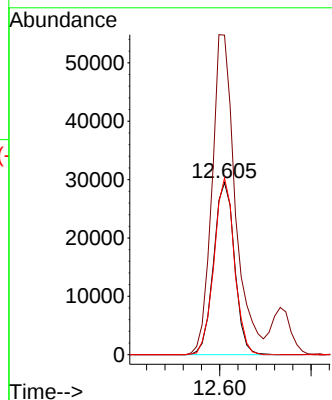
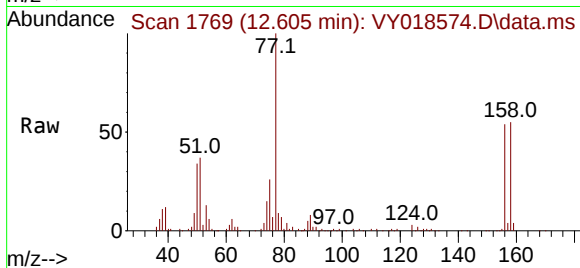
Tgt Ion:156 Resp: 46753

Ion Ratio Lower Upper

156 100

77 207.8 87.1 261.3

158 100.1 48.6 145.9



#78

n-propylbenzene

Concen: 48.489 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018574.D

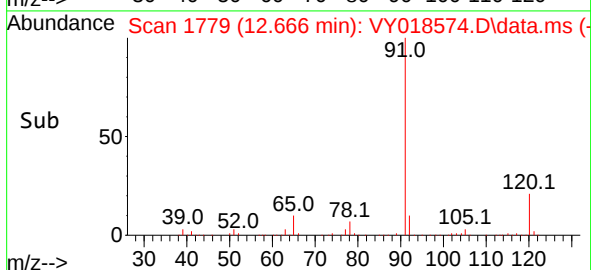
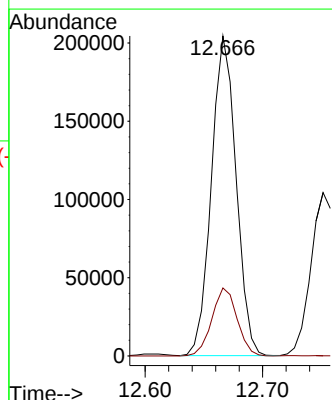
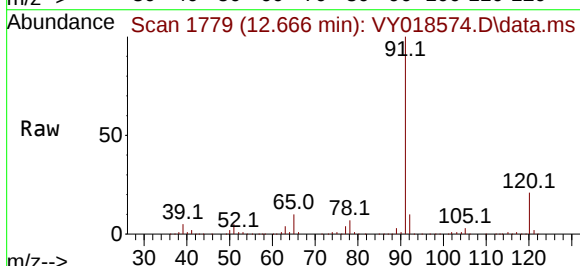
Acq: 12 Jun 2024 17:16

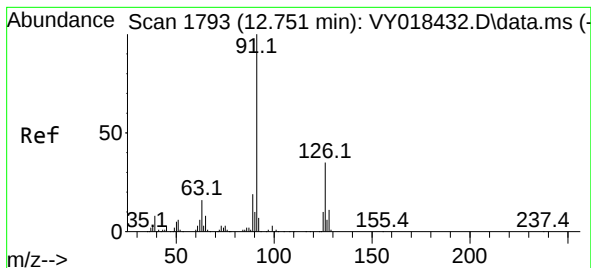
Tgt Ion: 91 Resp: 298721

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4

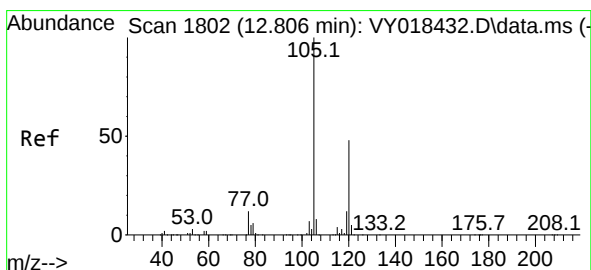
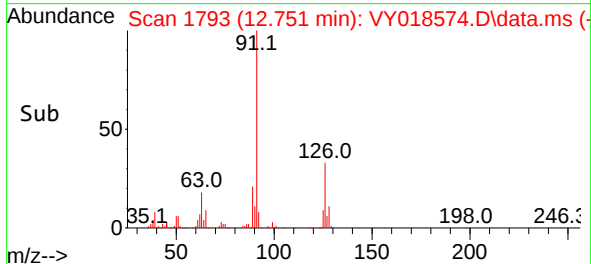
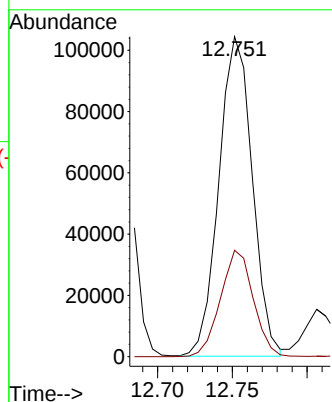
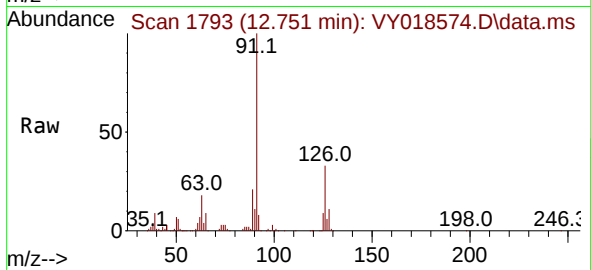




#79
2-Chlorotoluene
Concen: 48.400 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

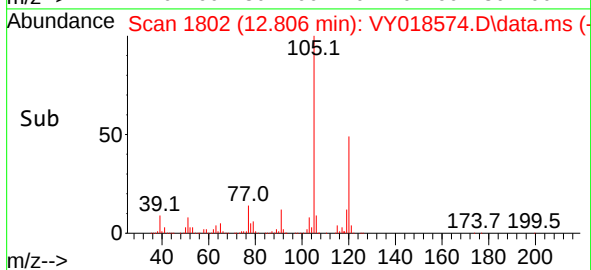
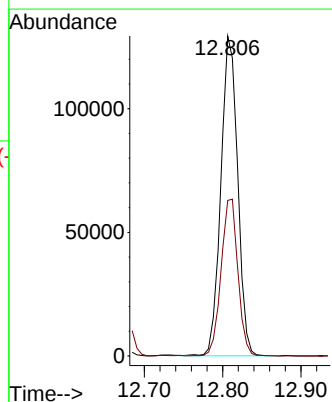
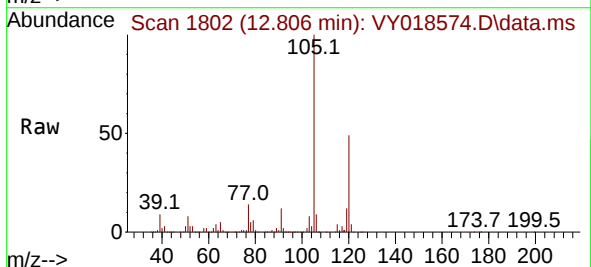
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

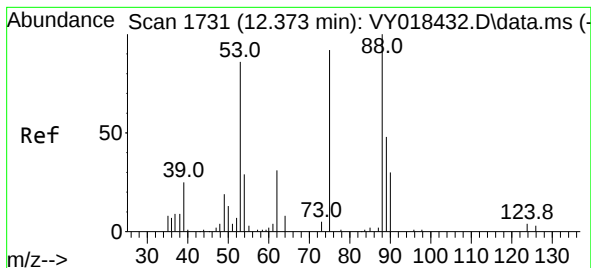
Tgt Ion: 91 Resp: 162100
Ion Ratio Lower Upper
91 100
126 32.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 48.215 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 105 Resp: 192751
Ion Ratio Lower Upper
105 100
120 49.2 25.1 75.2

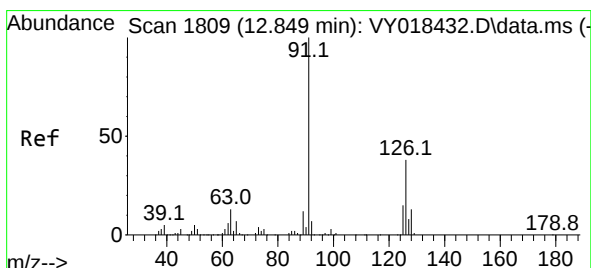
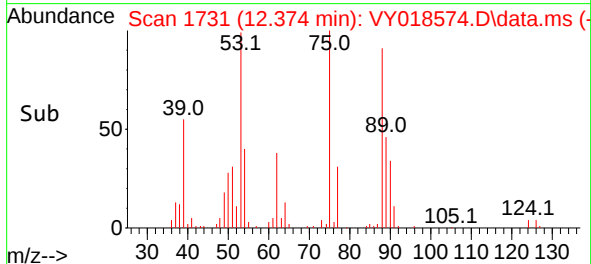
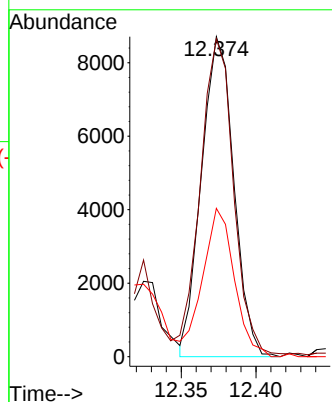
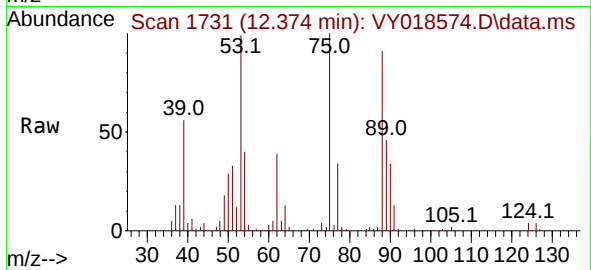




#81
trans-1,4-Dichloro-2-butene
Concen: 44.615 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

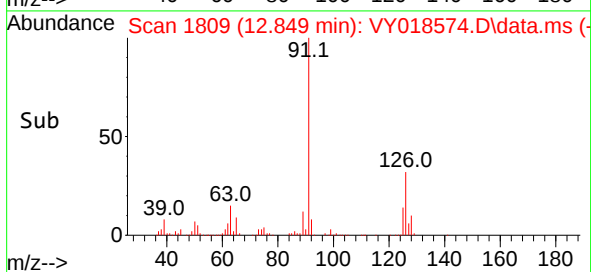
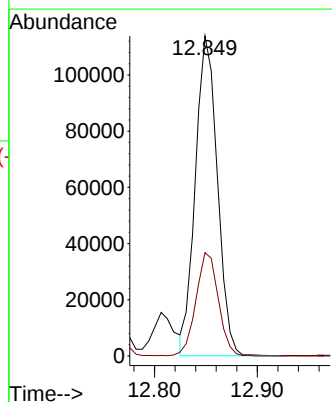
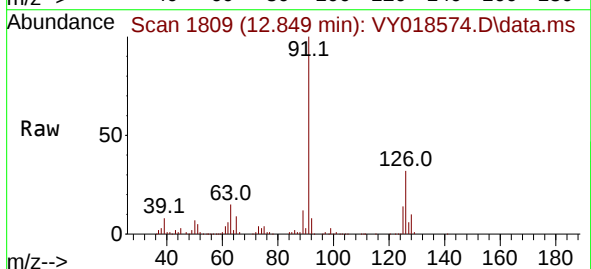
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

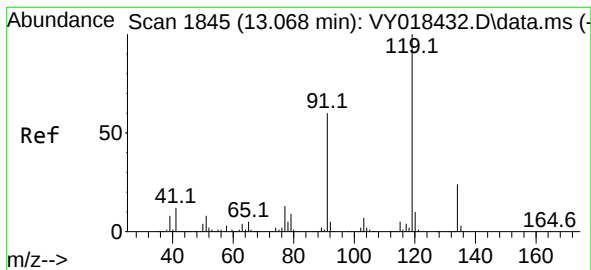
Tgt Ion: 75 Resp: 13098
Ion Ratio Lower Upper
75 100
53 102.0 66.8 100.2#
89 45.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 50.278 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018574.D
Acq: 12 Jun 2024 17:16

Tgt Ion: 91 Resp: 169449
Ion Ratio Lower Upper
91 100
126 33.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 45.943 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

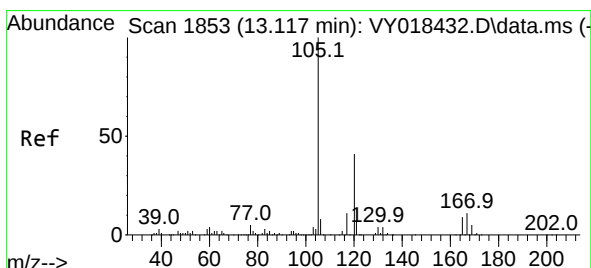
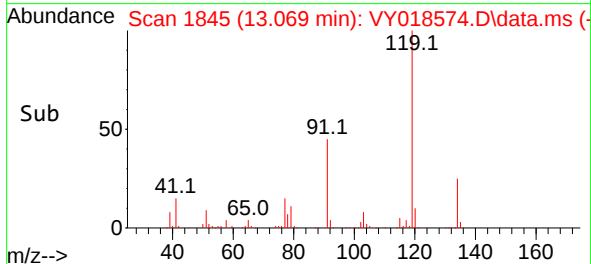
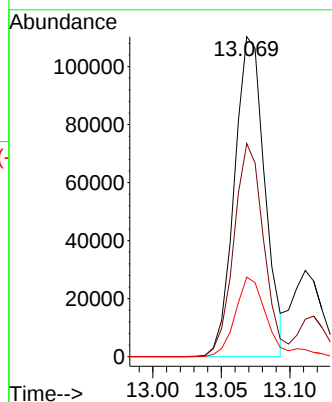
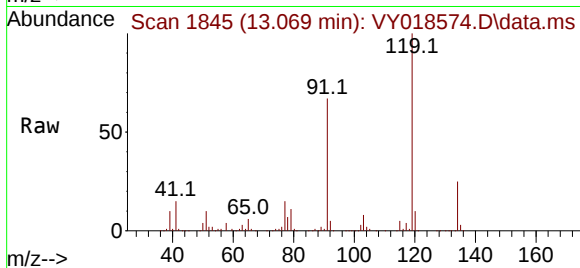
Tgt Ion:119 Resp: 169841

Ion Ratio Lower Upper

119 100

91 66.0 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.829 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018574.D

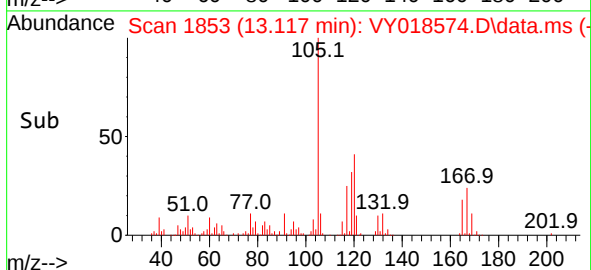
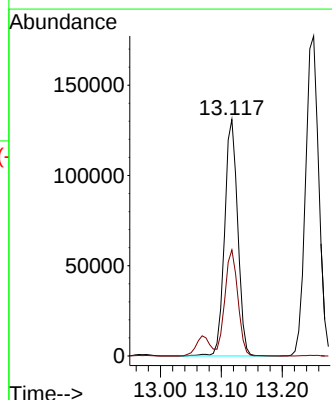
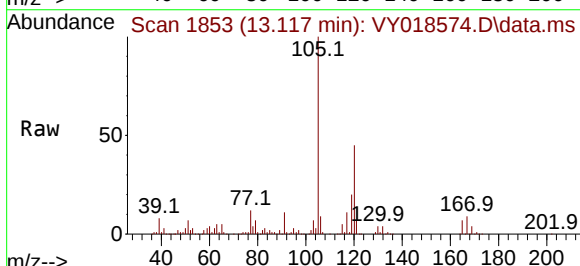
Acq: 12 Jun 2024 17:16

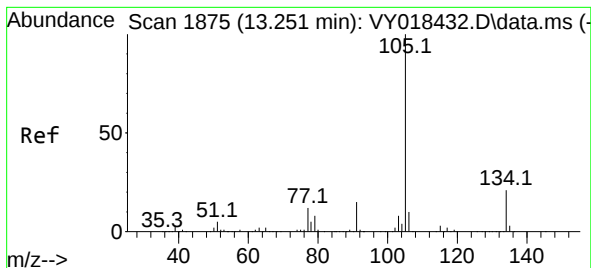
Tgt Ion:105 Resp: 195024

Ion Ratio Lower Upper

105 100

120 44.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.109 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

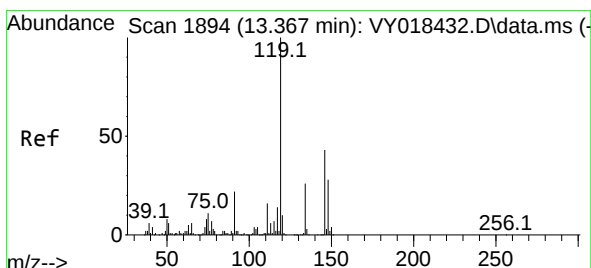
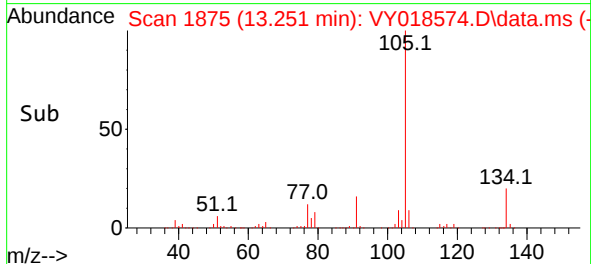
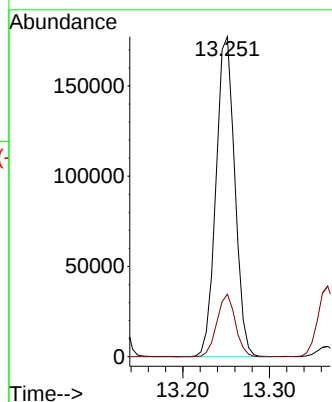
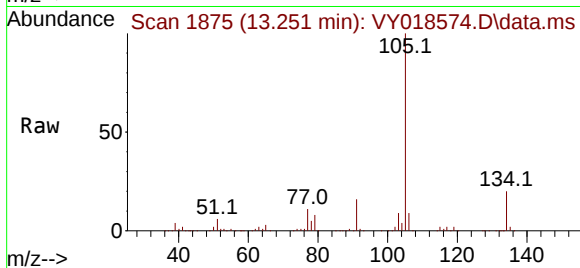
VSTDCCC050EC

Tgt Ion:105 Resp: 267364

Ion Ratio Lower Upper

105 100

134 19.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.523 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

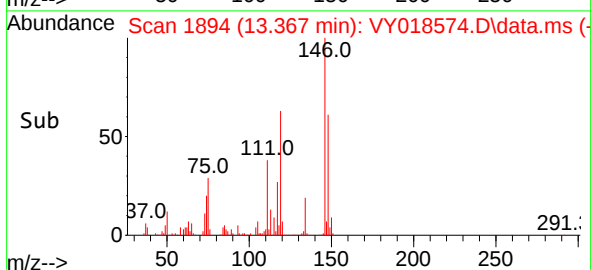
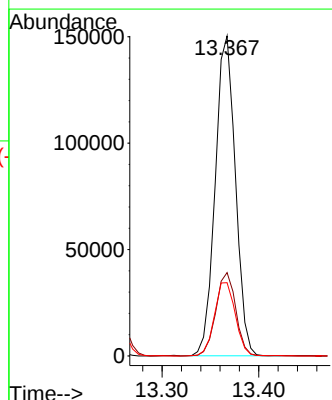
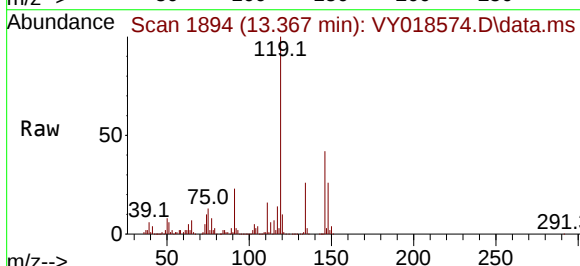
Tgt Ion:119 Resp: 217603

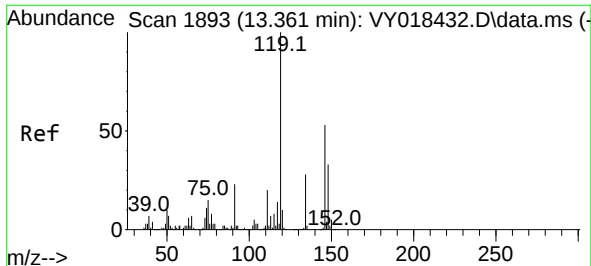
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 23.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.164 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

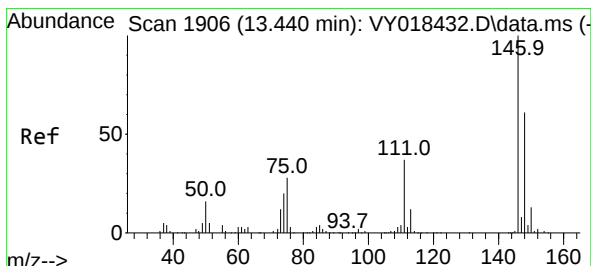
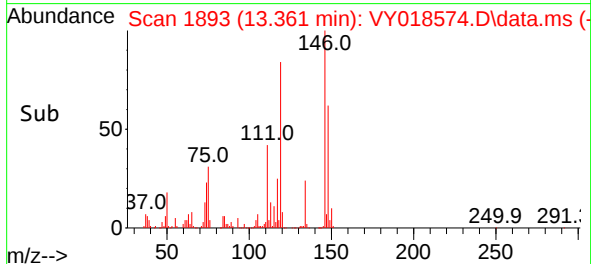
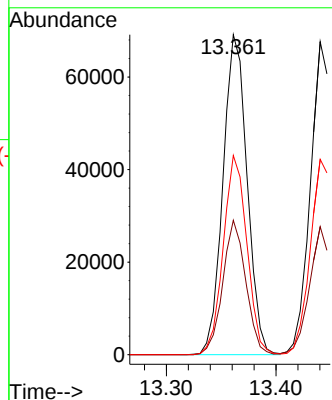
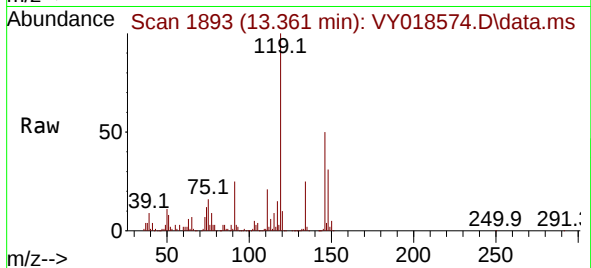
Tgt Ion:146 Resp: 105693

Ion Ratio Lower Upper

146 100

111 40.1 19.0 57.0

148 61.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.048 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

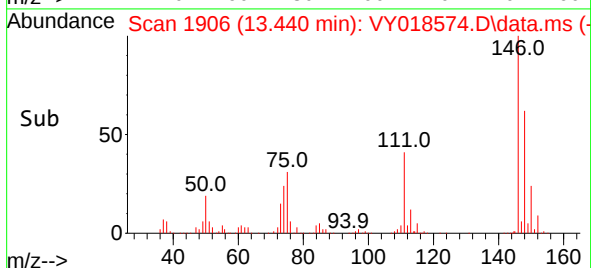
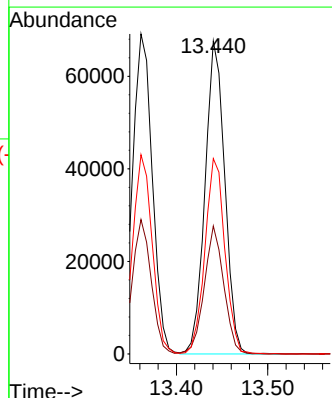
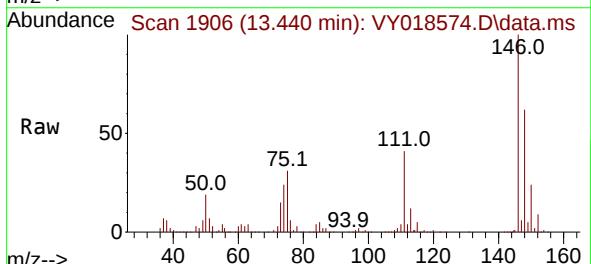
Tgt Ion:146 Resp: 101477

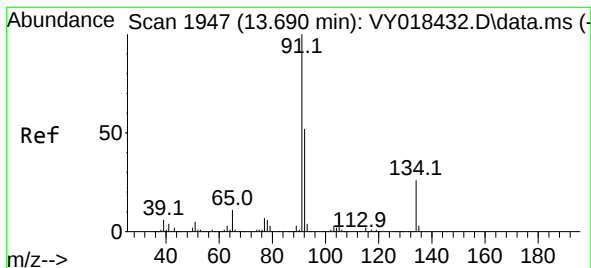
Ion Ratio Lower Upper

146 100

111 40.5 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 51.517 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

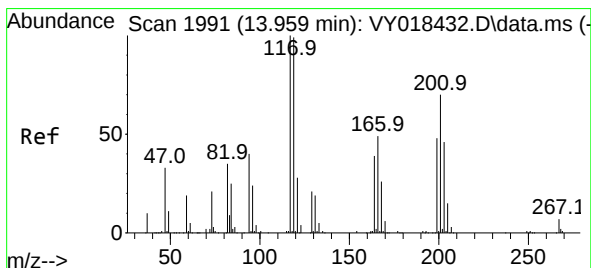
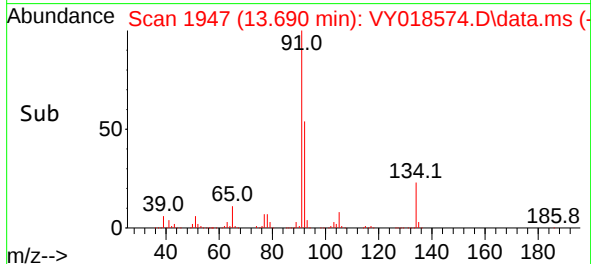
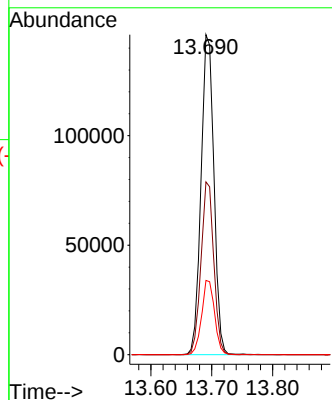
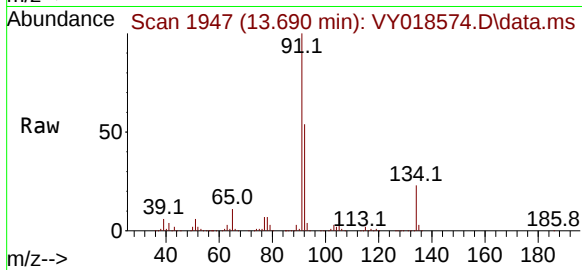
Tgt Ion: 91 Resp: 215107

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 23.3 12.9 38.7



#90

Hexachloroethane

Concen: 46.161 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018574.D

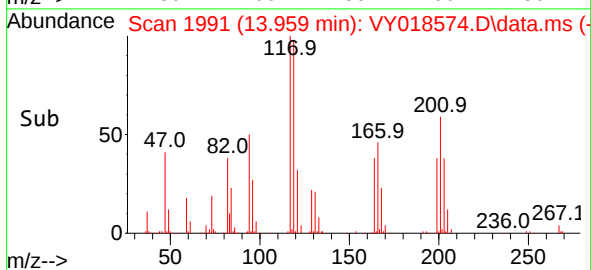
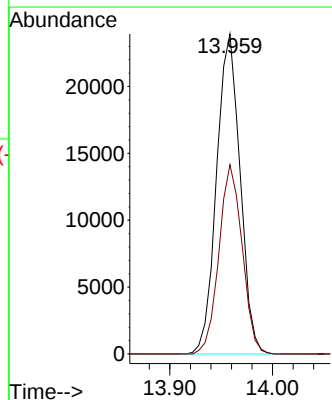
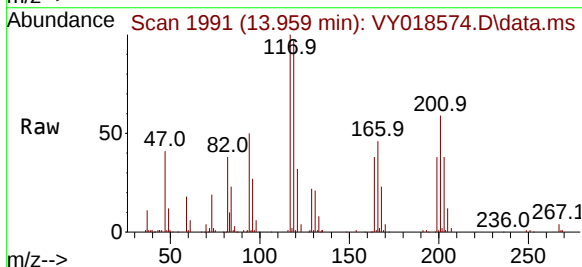
Acq: 12 Jun 2024 17:16

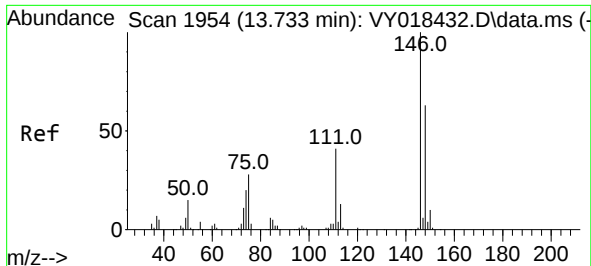
Tgt Ion: 117 Resp: 38017

Ion Ratio Lower Upper

117 100

201 58.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 47.594 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

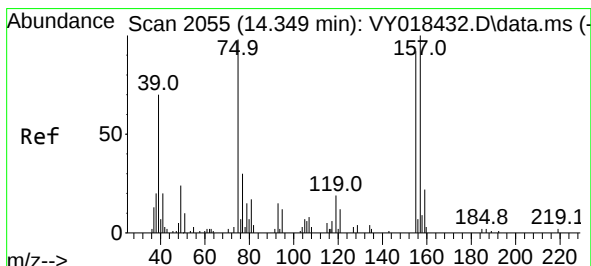
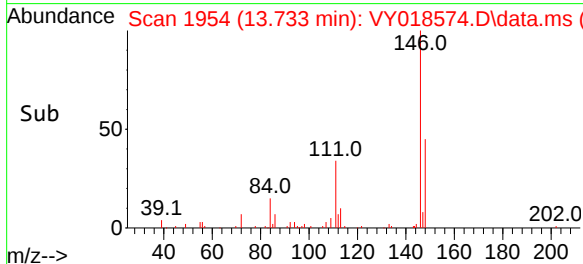
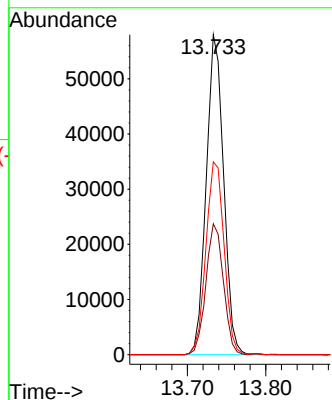
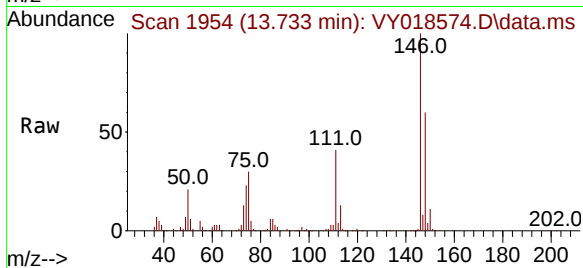
Tgt Ion:146 Resp: 89036

Ion Ratio Lower Upper

146 100

111 41.3 19.9 59.7

148 63.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.077 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

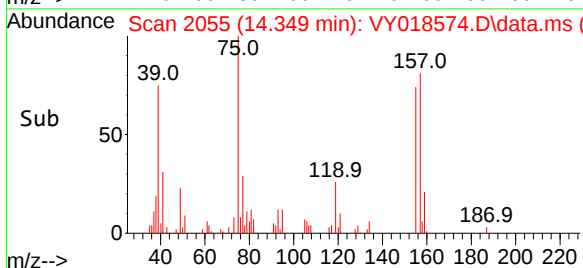
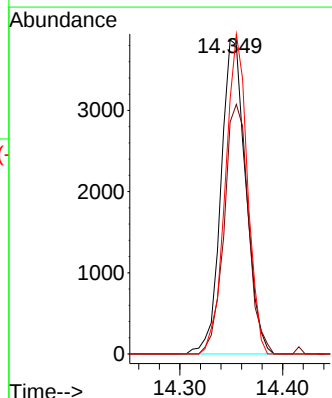
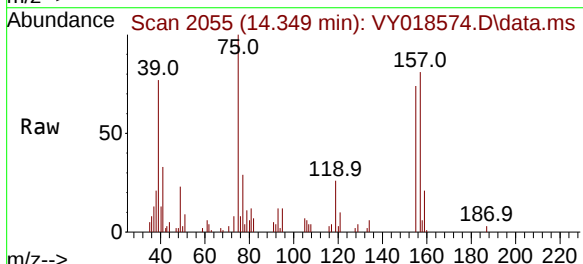
Tgt Ion: 75 Resp: 6473

Ion Ratio Lower Upper

75 100

155 77.9 48.6 145.8

157 90.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 44.419 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

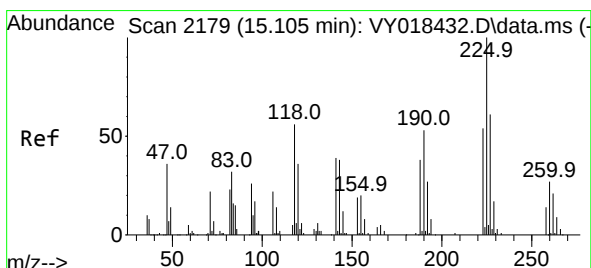
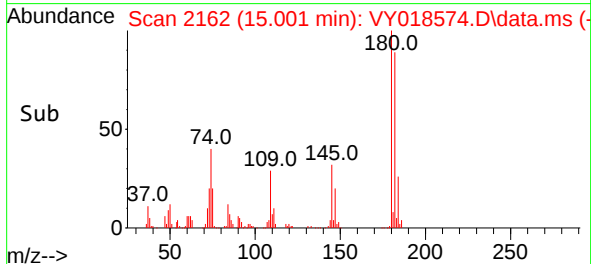
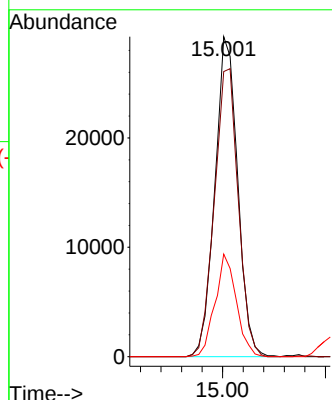
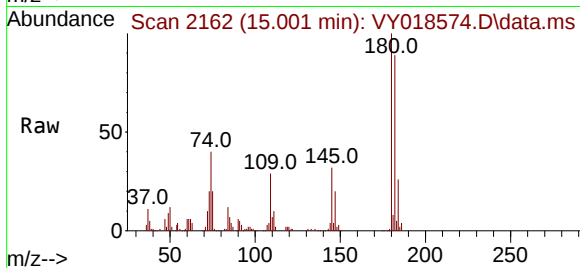
Tgt Ion:180 Resp: 44940

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

145 29.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 40.291 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

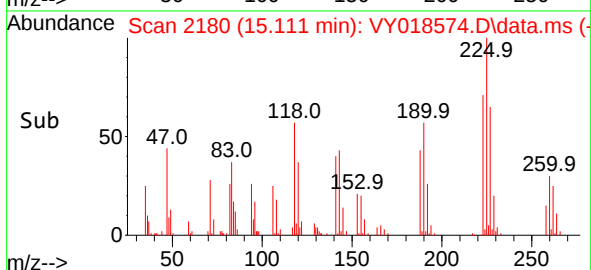
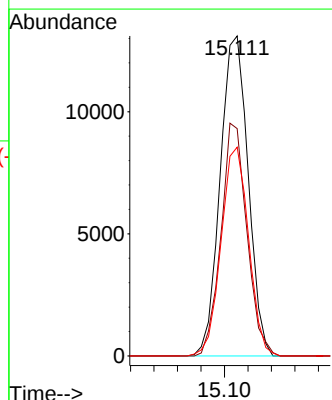
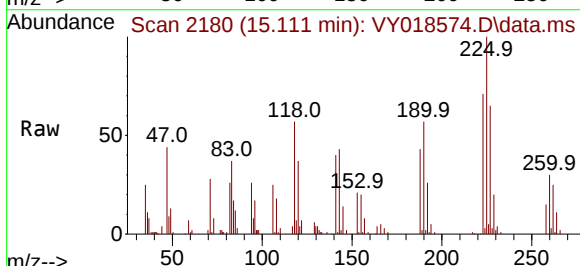
Tgt Ion:225 Resp: 21650

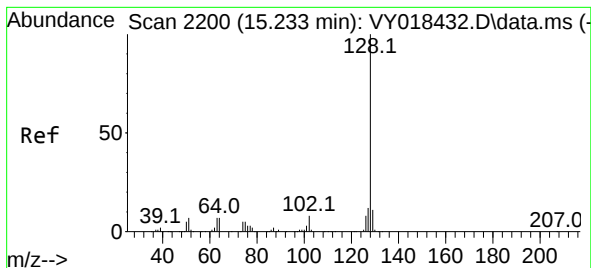
Ion Ratio Lower Upper

225 100

223 67.3 30.4 91.2

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 46.314 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

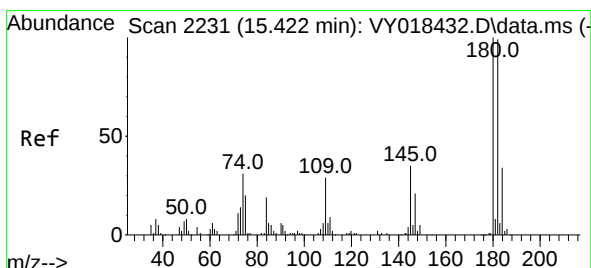
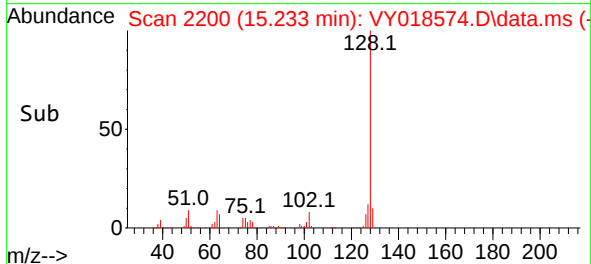
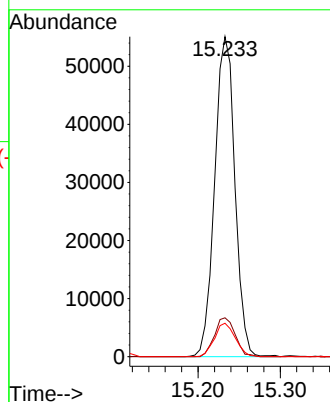
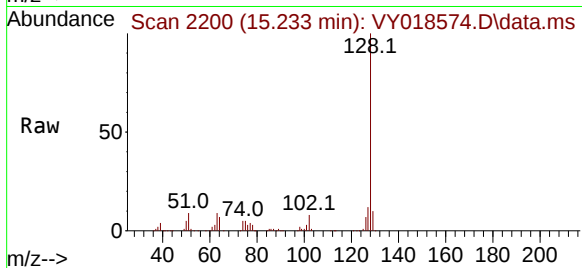
Tgt Ion:128 Resp: 94107

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.039 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018574.D

Acq: 12 Jun 2024 17:16

Tgt Ion:180 Resp: 37698

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 32.4 15.4 46.1

