

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018886.D
 Acq On : 22 Jul 2024 10:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 23 01:48:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	103336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	158910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46957	46.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.360%
35) Dibromofluoromethane	7.703	113	49359	49.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.173	98	177662	47.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.477	95	60552	47.023	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41330	47.732	ug/l	100
3) Chloromethane	2.107	50	60282	45.813	ug/l	100
4) Vinyl Chloride	2.241	62	72160	46.880	ug/l	96
5) Bromomethane	2.637	94	52765	49.836	ug/l	98
6) Chloroethane	2.784	64	48242	48.241	ug/l	99
7) Trichlorofluoromethane	3.113	101	95971	47.714	ug/l	96
8) Diethyl Ether	3.515	74	25099	51.197	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	50703	49.131	ug/l	95
10) Methyl Iodide	4.076	142	57369	51.624	ug/l	90
11) Tert butyl alcohol	4.942	59	17551	170.386	ug/l #	85
12) 1,1-Dichloroethene	3.857	96	48719	48.799	ug/l	97
13) Acrolein	3.710	56	11467	138.947	ug/l	98
14) Allyl chloride	4.460	41	61771	49.943	ug/l	89
15) Acrylonitrile	5.149	53	49520	256.051	ug/l	99
16) Acetone	3.930	43	51964	277.189	ug/l #	85
17) Carbon Disulfide	4.180	76	130680	46.747	ug/l	99
18) Methyl Acetate	4.460	43	26026	47.779	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	118791	51.292	ug/l #	90
20) Methylene Chloride	4.692	84	55740	52.778	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	53090	50.384	ug/l	99
22) Diisopropyl ether	6.100	45	136101	50.587	ug/l	91
23) Vinyl Acetate	6.045	43	550278	259.616	ug/l	98
24) 1,1-Dichloroethane	6.003	63	85150	49.570	ug/l	97
25) 2-Butanone	6.972	43	68535	260.809	ug/l	93
26) 2,2-Dichloropropane	6.966	77	81506	51.138	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	61264	49.939	ug/l	95
28) Bromochloromethane	7.319	49	33575	48.664	ug/l	100
29) Tetrahydrofuran	7.338	42	40543	251.665	ug/l	94
30) Chloroform	7.496	83	98958	51.690	ug/l	98
31) Cyclohexane	7.771	56	71548	45.799	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	91579	51.442	ug/l	98
36) 1,1-Dichloropropene	7.905	75	68740	50.046	ug/l	99
37) Ethyl Acetate	7.063	43	26987	47.269	ug/l #	97
38) Carbon Tetrachloride	7.892	117	85356	51.596	ug/l	98
39) Methylcyclohexane	9.179	83	88675	50.378	ug/l	97
40) Benzene	8.149	78	205768	51.642	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	16364m	50.274	ug/l	
42) 1,2-Dichloroethane	8.228	62	57826	51.835	ug/l	96
43) Isopropyl Acetate	8.264	43	57767	50.850	ug/l	94
44) Trichloroethene	8.935	130	59625	52.351	ug/l	96
45) 1,2-Dichloropropane	9.209	63	46119	53.153	ug/l	97
46) Dibromomethane	9.301	93	29940	53.235	ug/l	96
47) Bromodichloromethane	9.490	83	75512	53.745	ug/l	96
48) Methyl methacrylate	9.282	41	26402	51.131	ug/l #	85
49) 1,4-Dioxane	9.289	88	7018	1064.512	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	150383	259.277	ug/l	93
52) Toluene	10.240	92	134197	50.673	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	67212	55.406	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	76215	53.555	ug/l #	87
55) 1,1,2-Trichloroethane	10.636	97	38482	54.034	ug/l	96
56) Ethyl methacrylate	10.508	69	49578	52.876	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	63541	53.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	115314	257.421	ug/l	92
59) 2-Hexanone	10.825	43	108257	266.792	ug/l	92
60) Dibromochloromethane	10.977	129	54680	55.879	ug/l	99
61) 1,2-Dibromoethane	11.081	107	36552	52.792	ug/l	99
64) Tetrachloroethene	10.715	164	59280	53.953	ug/l	96
65) Chlorobenzene	11.514	112	154081	53.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	55243	55.993	ug/l	96
67) Ethyl Benzene	11.587	91	264047	52.637	ug/l	97
68) m/p-Xylenes	11.697	106	208516	105.925	ug/l	100
69) o-Xylene	12.026	106	97658	52.768	ug/l	99
70) Styrene	12.044	104	165484	53.589	ug/l	97
71) Bromoform	12.209	173	30927	57.509	ug/l #	96
73) Isopropylbenzene	12.325	105	262161	52.599	ug/l	99
74) N-amyl acetate	12.142	43	52222	51.233	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	40051	50.973	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	26693m	50.044	ug/l	
77) Bromobenzene	12.605	156	62871	52.839	ug/l	92
78) n-propylbenzene	12.666	91	299699	50.635	ug/l	97
79) 2-Chlorotoluene	12.751	91	171408	51.503	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	211517	51.866	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	12892	54.094	ug/l	87
82) 4-Chlorotoluene	12.855	91	174007	50.775	ug/l	97
83) tert-Butylbenzene	13.074	119	197513	52.460	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	206721	51.011	ug/l	99
85) sec-Butylbenzene	13.251	105	279739	52.345	ug/l	97
86) p-Isopropyltoluene	13.367	119	238074	51.602	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	121667	52.062	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	119822	51.732	ug/l	99
89) n-Butylbenzene	13.696	91	212383	50.777	ug/l	98
90) Hexachloroethane	13.958	117	44928	52.363	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	105772	52.396	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5790	45.477	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	64278	52.161	ug/l	97
94) Hexachlorobutadiene	15.111	225	37104	52.238	ug/l	97
95) Naphthalene	15.233	128	106455	50.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	54954	52.120	ug/l	96

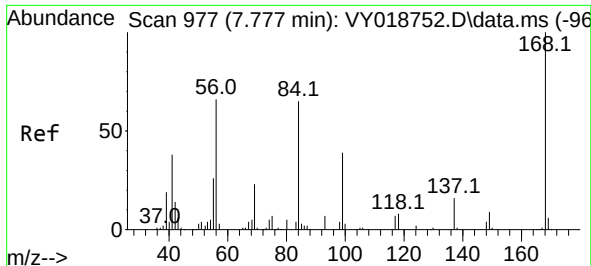
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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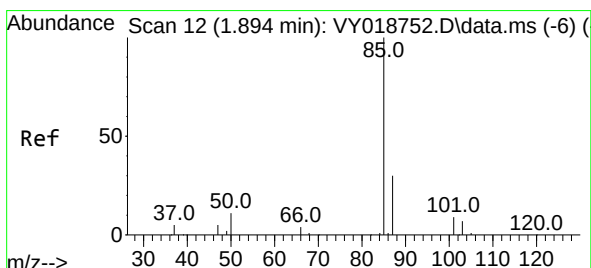
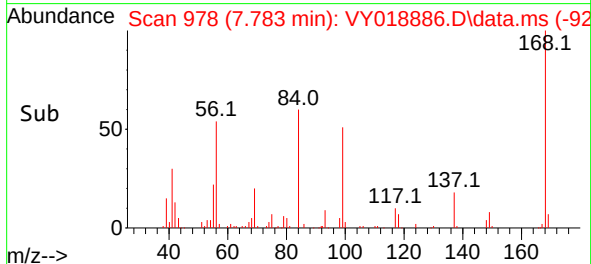
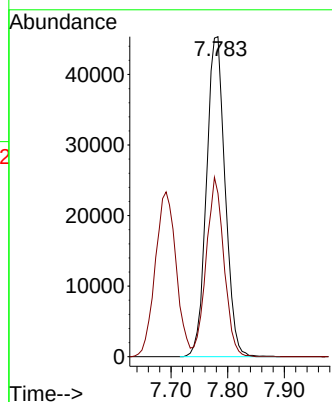
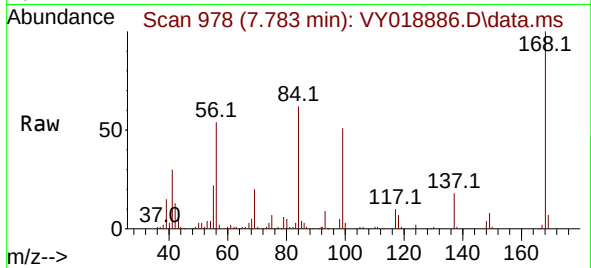
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

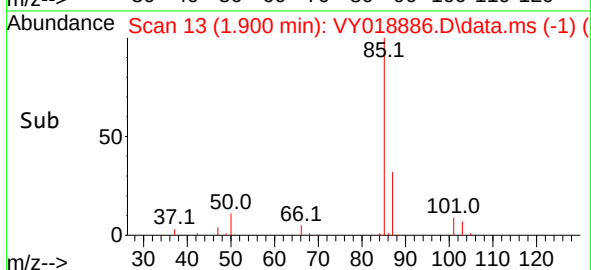
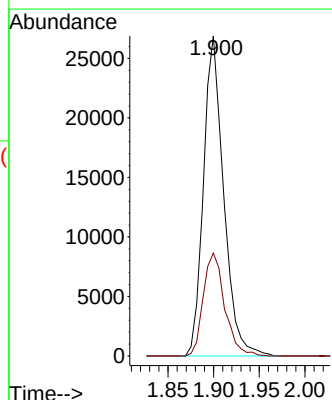
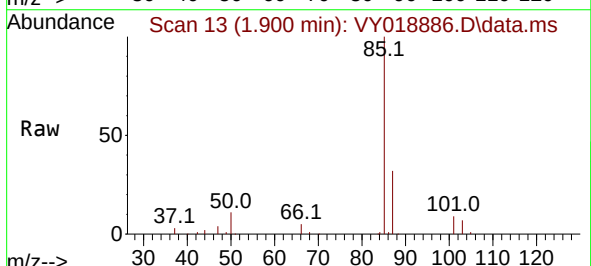
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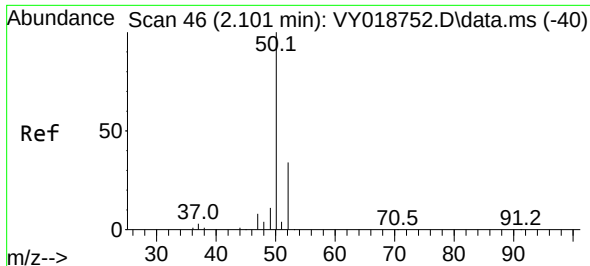
Tgt Ion:168 Resp: 103336
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.732 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 85 Resp: 41330
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

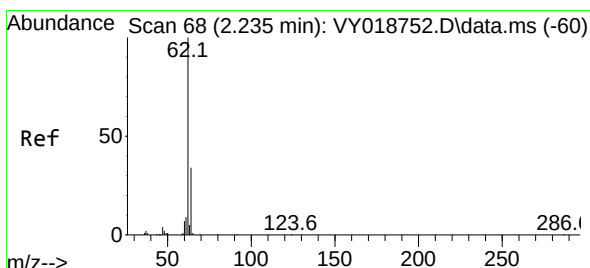
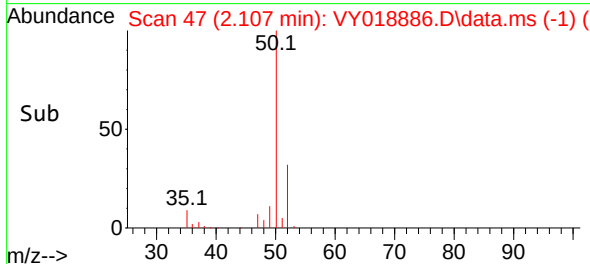
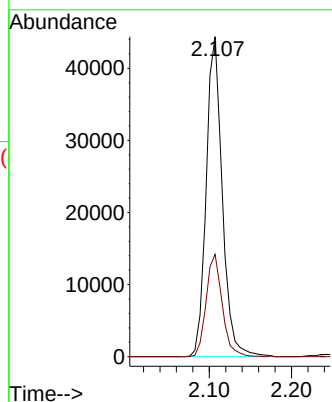
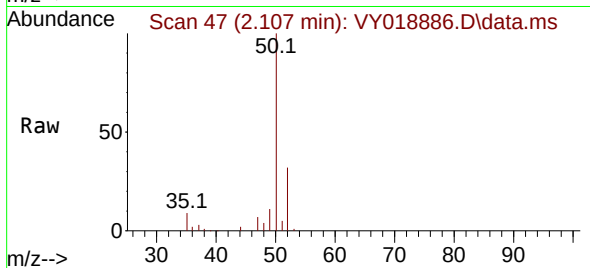




#3
Chloromethane
Concen: 45.813 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

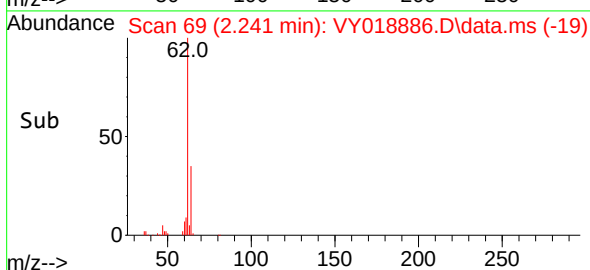
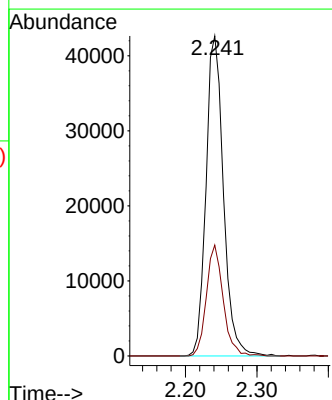
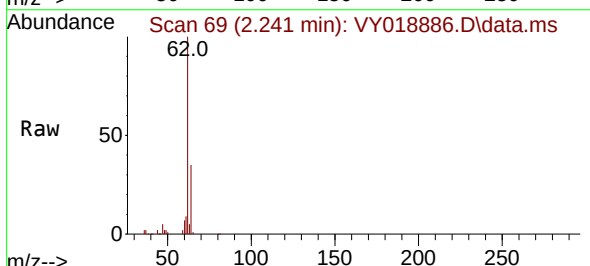
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ClientSampleId :
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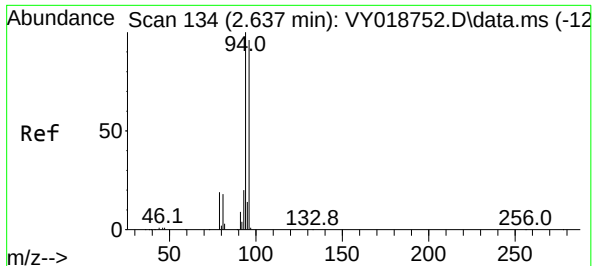
Tgt Ion: 50 Resp: 60282
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 46.880 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 62 Resp: 72160
Ion Ratio Lower Upper
62 100
64 34.6 26.1 39.1

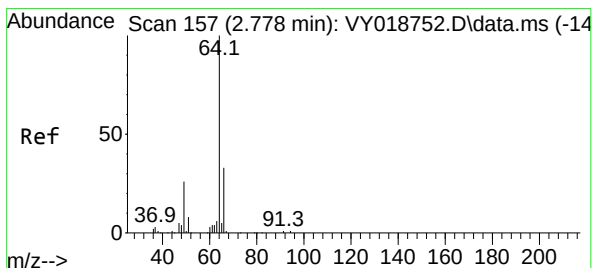
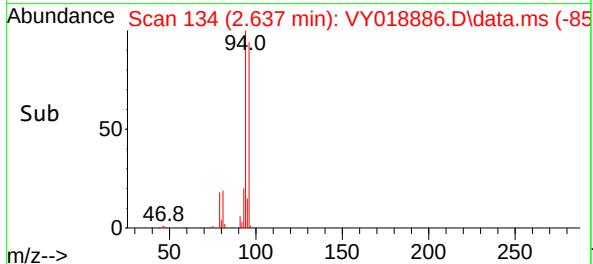
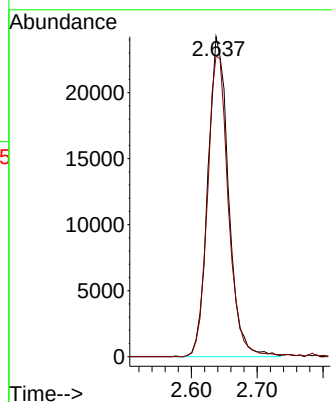
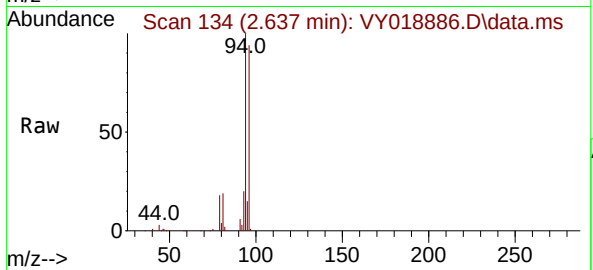




#5
Bromomethane
Concen: 49.836 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

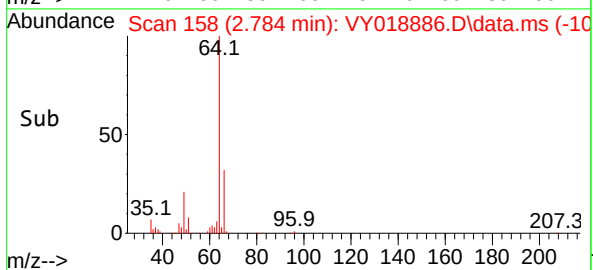
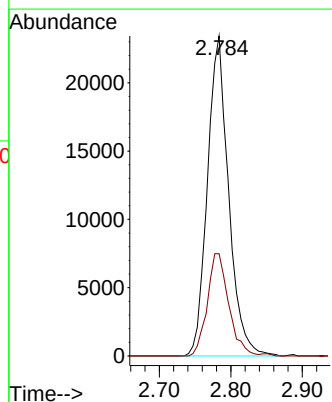
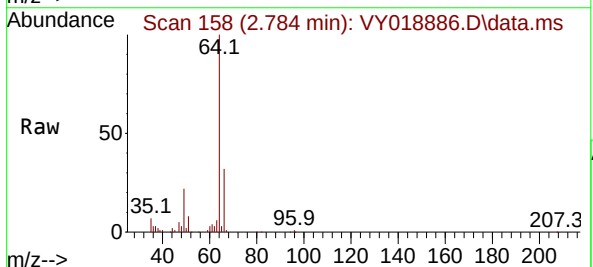
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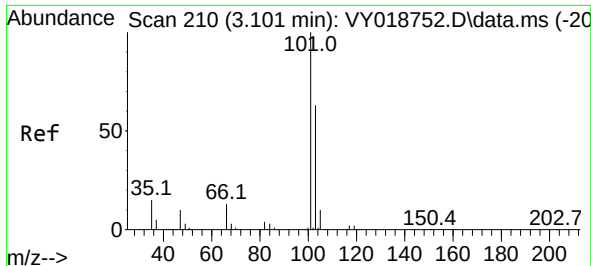
Tgt Ion: 94 Resp: 52765
Ion Ratio Lower Upper
94 100
96 94.1 74.1 111.1



#6
Chloroethane
Concen: 48.241 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 64 Resp: 48242
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1

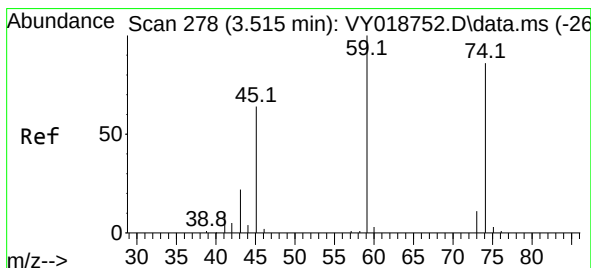
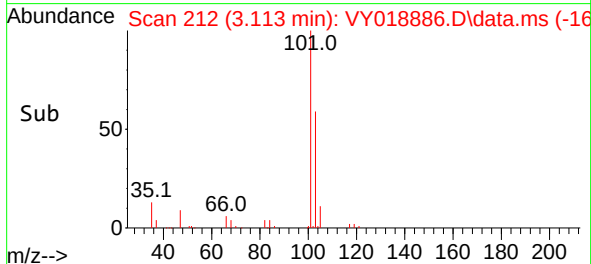
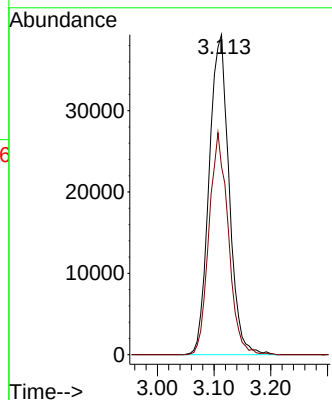
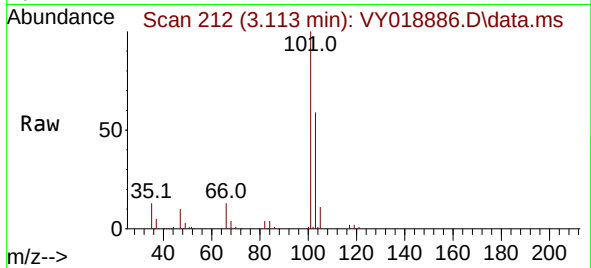




#7
 Trichlorofluoromethane
 Concen: 47.714 ug/l
 RT: 3.113 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VY018886.D
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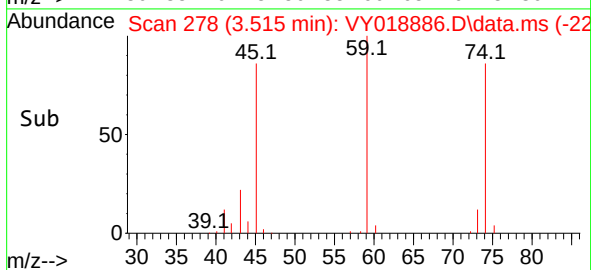
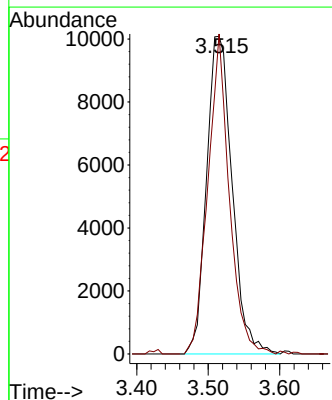
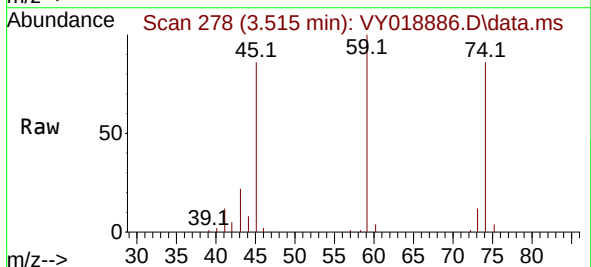
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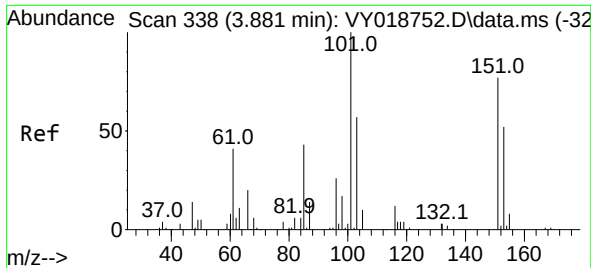
Tgt Ion:101 Resp: 95971
 Ion Ratio Lower Upper
 101 100
 103 58.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 51.197 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VY018886.D
 Acq: 22 Jul 2024 10:27

Tgt Ion: 74 Resp: 25099
 Ion Ratio Lower Upper
 74 100
 45 84.1 41.3 124.1

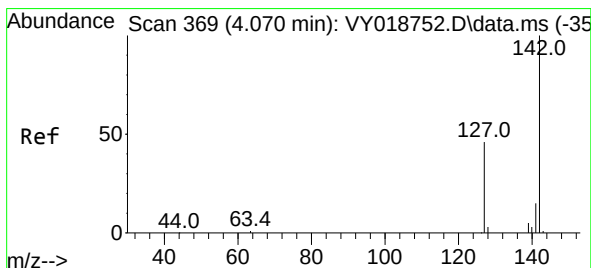
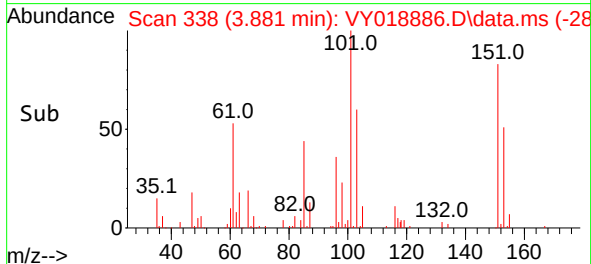
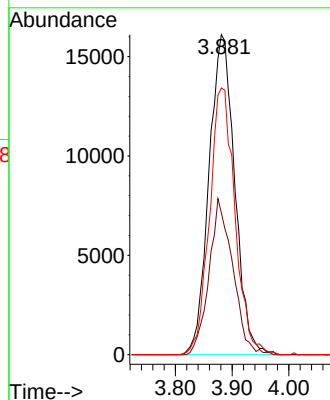
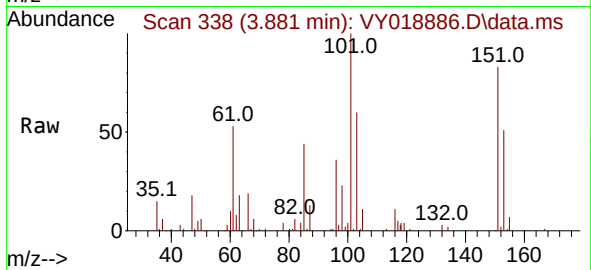




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.131 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY018886.D
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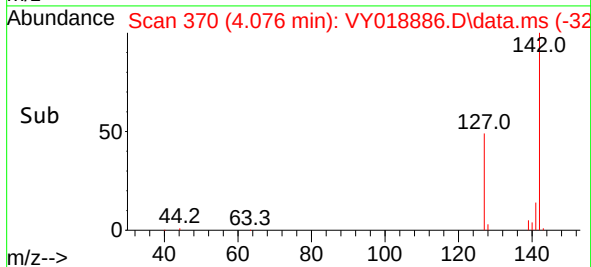
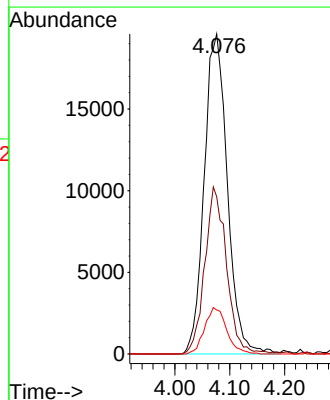
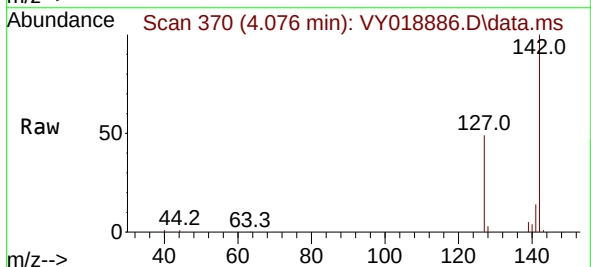
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ClientSampleId :
VSTDCCC050

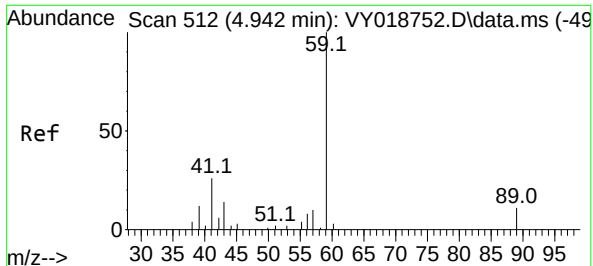
Tgt Ion:101 Resp: 50703
Ion Ratio Lower Upper
101 100
85 44.9 34.5 51.7
151 82.6 61.7 92.5



#10
Methyl Iodide
Concen: 51.624 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion:142 Resp: 57369
Ion Ratio Lower Upper
142 100
127 48.9 32.8 49.2
141 13.8 11.4 17.2

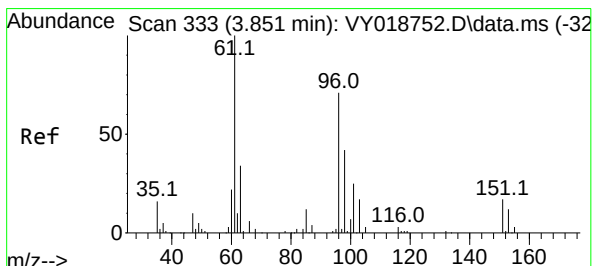
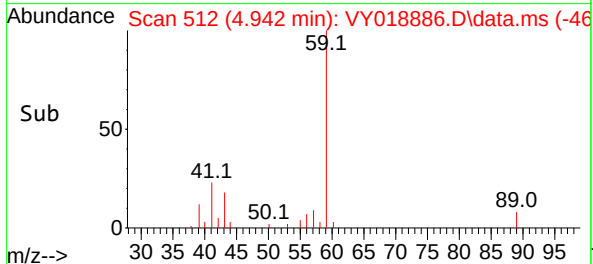
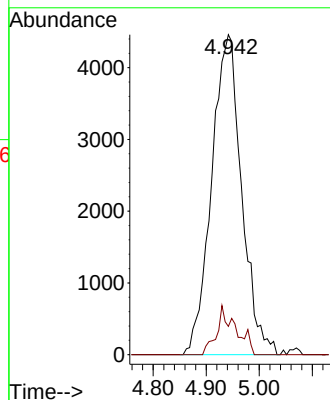
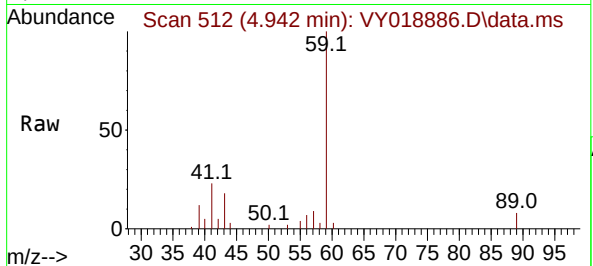




#11
Tert butyl alcohol
Concen: 170.386 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

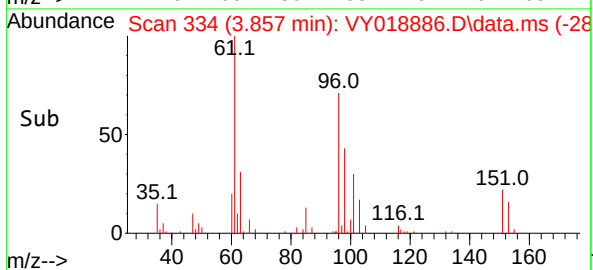
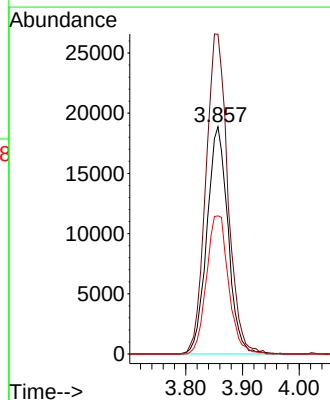
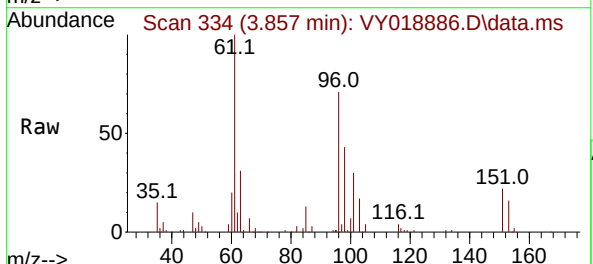
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

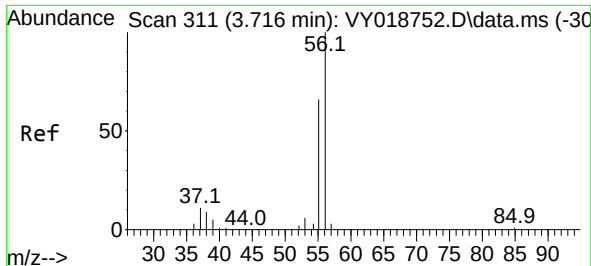
Tgt Ion: 59 Resp: 17551
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.799 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 96 Resp: 48719
Ion Ratio Lower Upper
96 100
61 140.6 114.6 171.8
98 60.8 50.8 76.2

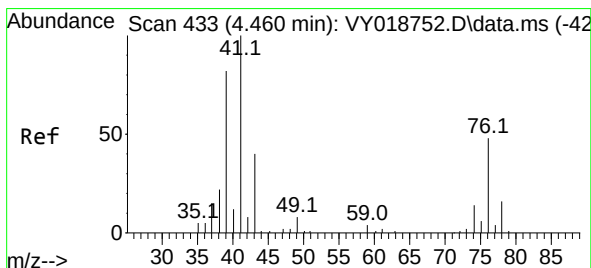
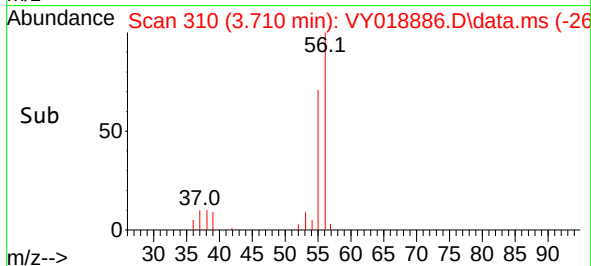
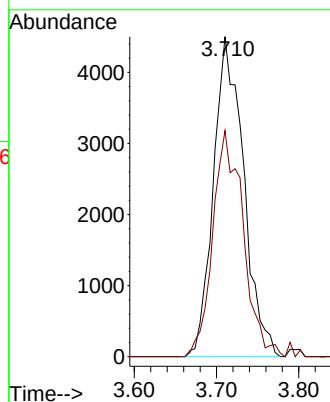
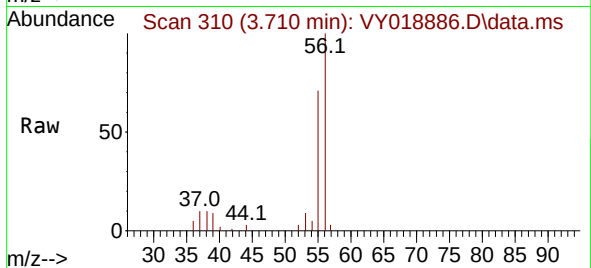




#13
Acrolein
Concen: 138.947 ug/l
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

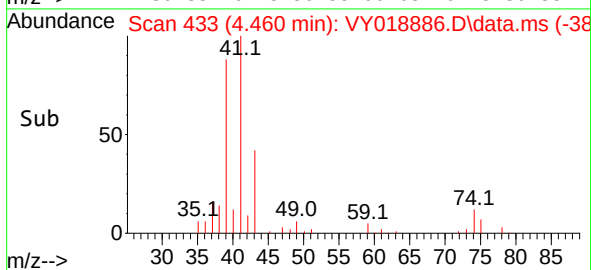
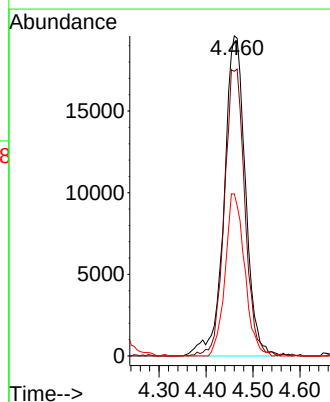
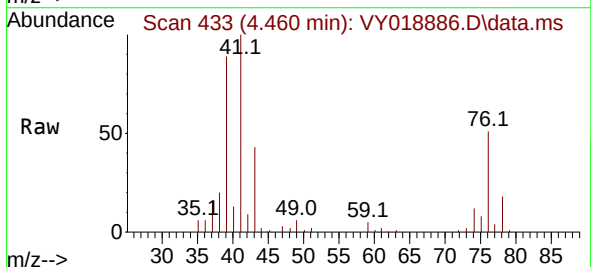
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

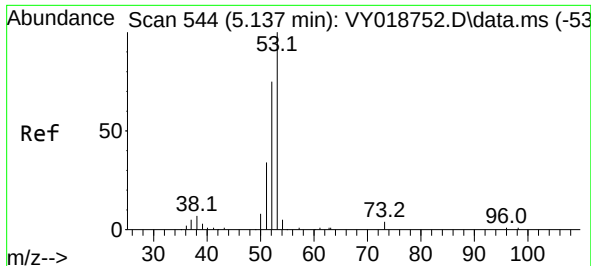
Tgt Ion: 56 Resp: 11467
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5



#14
Allyl chloride
Concen: 49.943 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 41 Resp: 61771
Ion Ratio Lower Upper
41 100
39 86.2 58.3 87.5
76 46.3 39.0 58.6





#15

Acrylonitrile

Concen: 256.051 ug/l

RT: 5.149 min Scan# 54

Delta R.T. 0.012 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

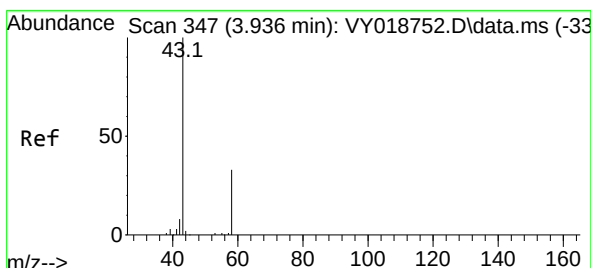
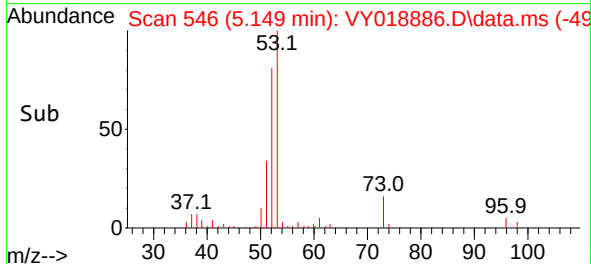
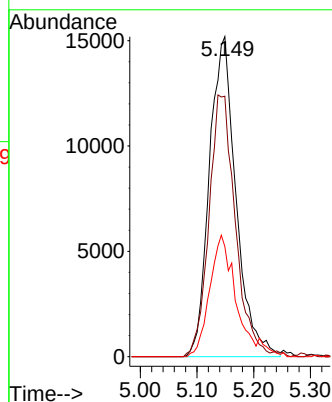
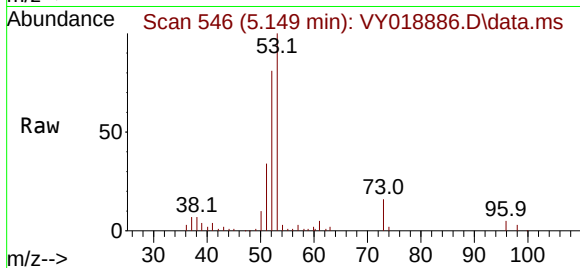
Tgt Ion: 53 Resp: 49520

Ion Ratio Lower Upper

53 100

52 80.7 64.7 97.1

51 36.1 28.4 42.6



#16

Acetone

Concen: 277.189 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018886.D

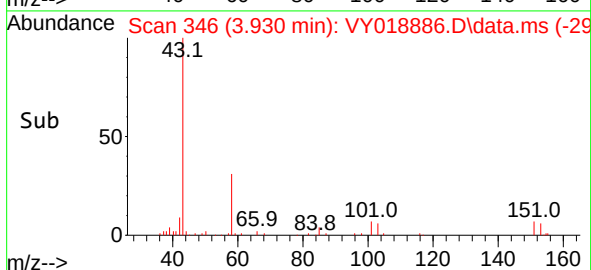
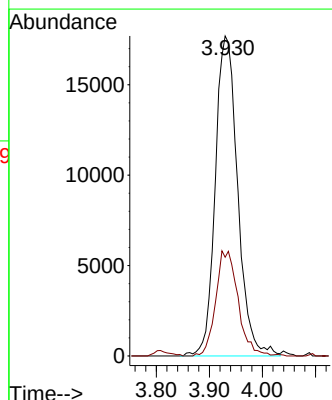
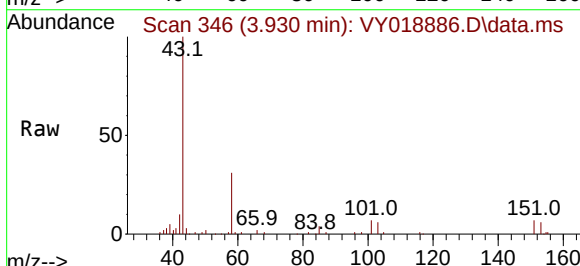
Acq: 22 Jul 2024 10:27

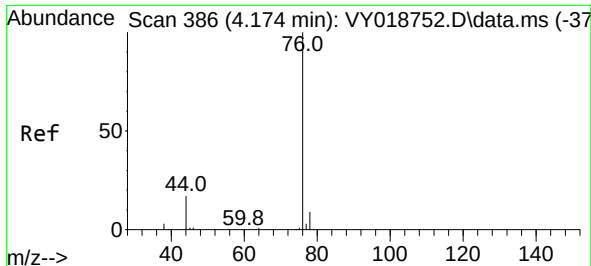
Tgt Ion: 43 Resp: 51964

Ion Ratio Lower Upper

43 100

58 30.5 31.7 47.5#

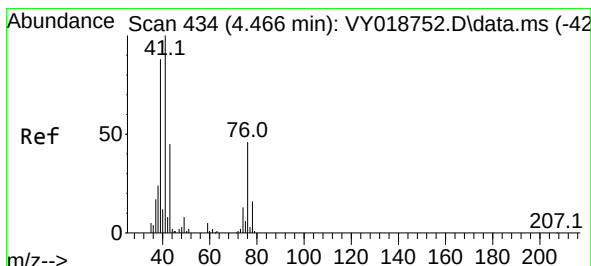
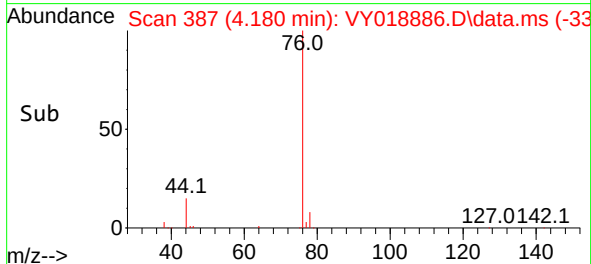
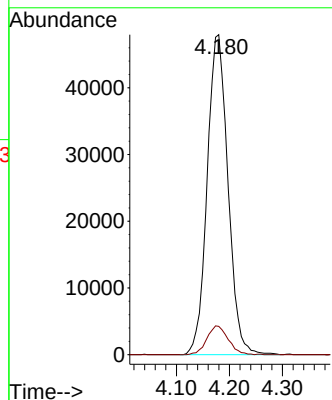
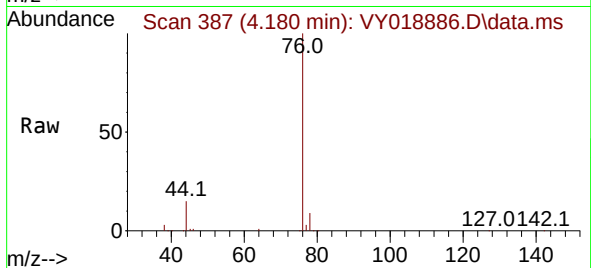




#17
Carbon Disulfide
Concen: 46.747 ug/l
RT: 4.180 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

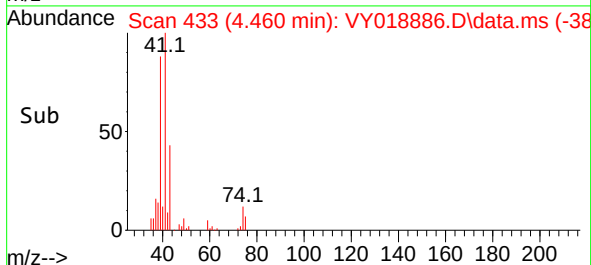
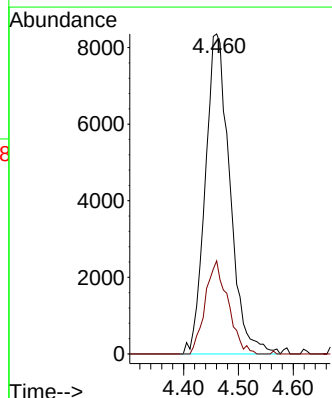
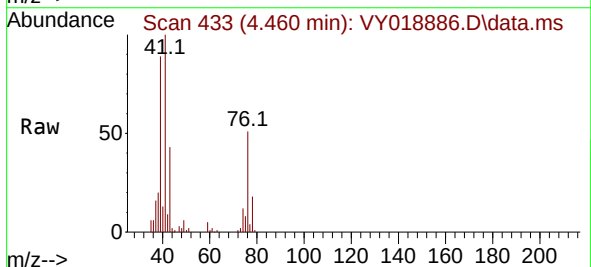
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

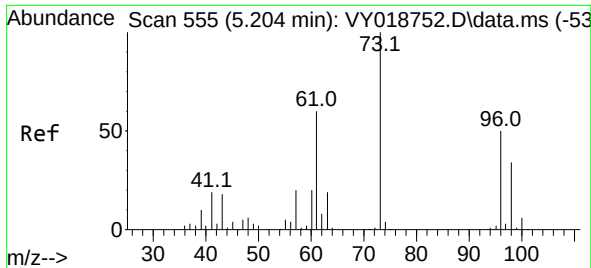
Tgt Ion: 76 Resp: 130680
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 47.779 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 43 Resp: 26026
Ion Ratio Lower Upper
43 100
74 26.9 23.3 34.9

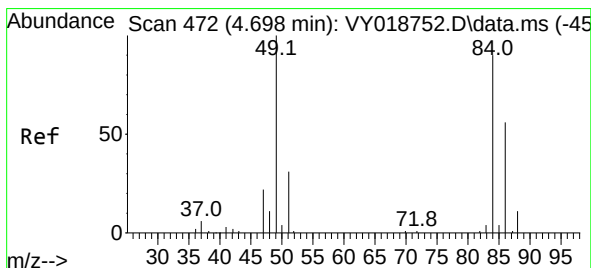
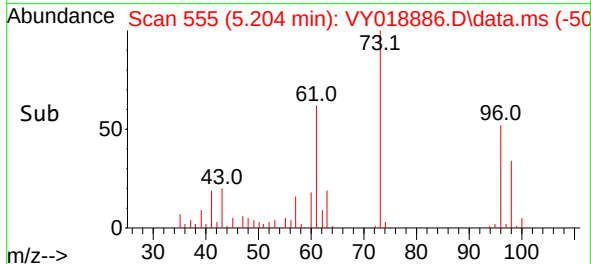
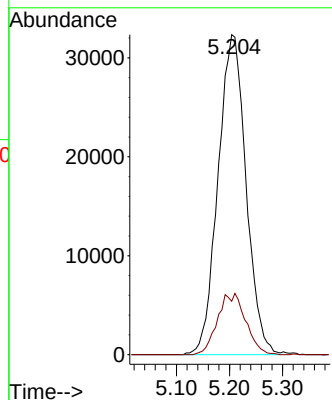
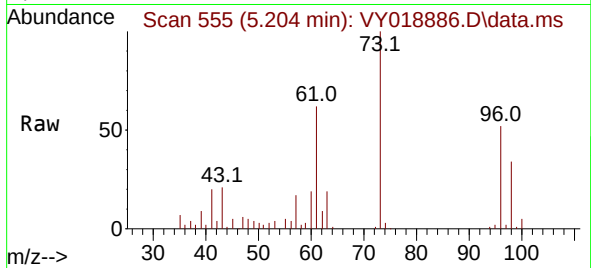




#19
Methyl tert-butyl Ether
Concen: 51.292 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

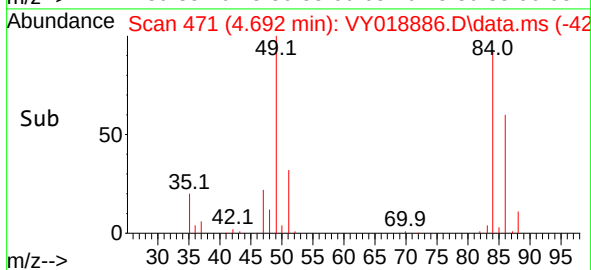
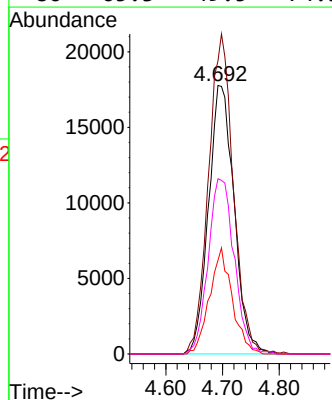
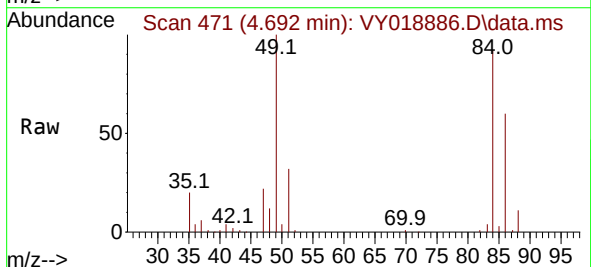
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

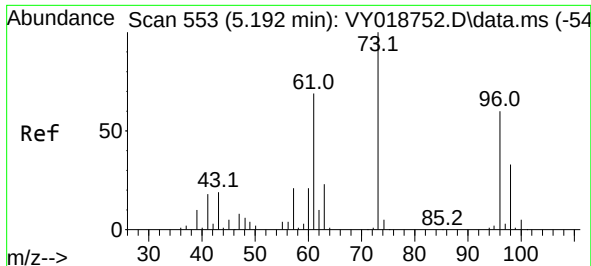
Tgt Ion: 73 Resp: 118791
Ion Ratio Lower Upper
73 100
57 16.7 17.3 25.9#



#20
Methylene Chloride
Concen: 52.778 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 84 Resp: 55740
Ion Ratio Lower Upper
84 100
49 109.1 84.4 126.6
51 34.9 26.0 39.0
86 65.3 49.5 74.3

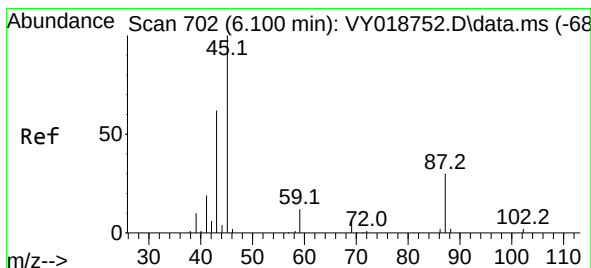
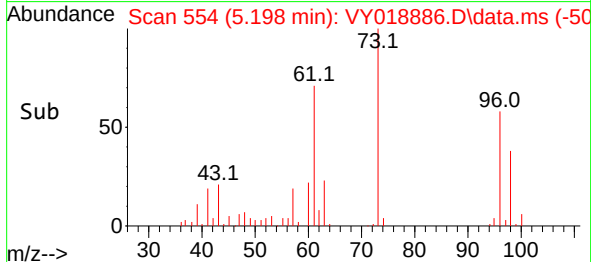
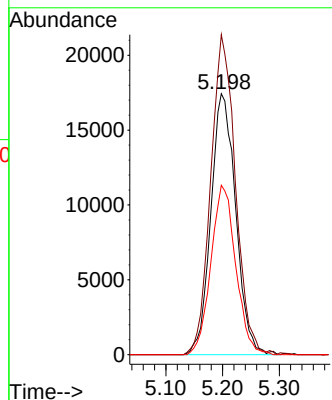
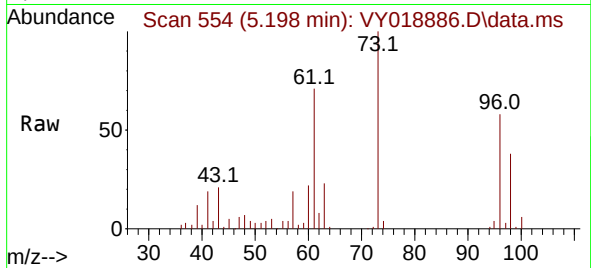




#21
trans-1,2-Dichloroethene
Concen: 50.384 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

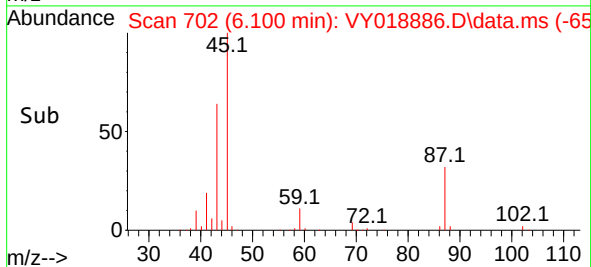
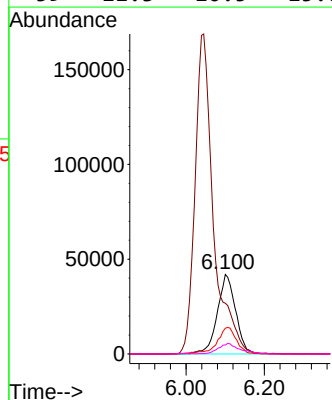
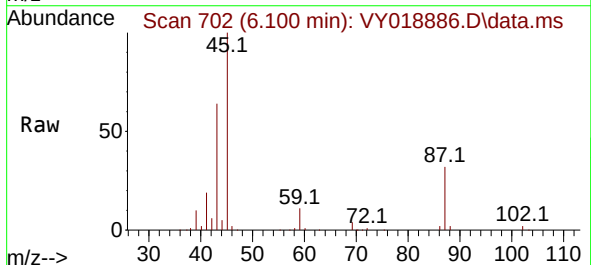
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

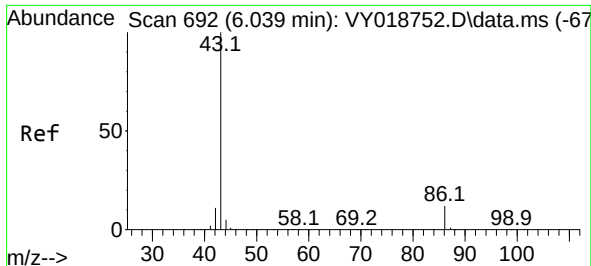
Tgt Ion: 96 Resp: 53090
Ion Ratio Lower Upper
96 100
61 122.6 97.5 146.3
98 64.9 50.5 75.7



#22
Diisopropyl ether
Concen: 50.587 ug/l
RT: 6.100 min Scan# 702
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 45 Resp: 136101
Ion Ratio Lower Upper
45 100
43 63.2 42.2 63.2
87 32.4 25.0 37.6
59 11.3 10.5 15.7

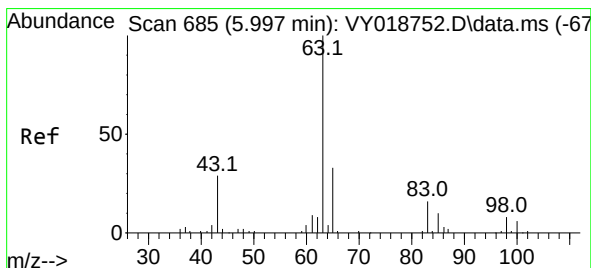
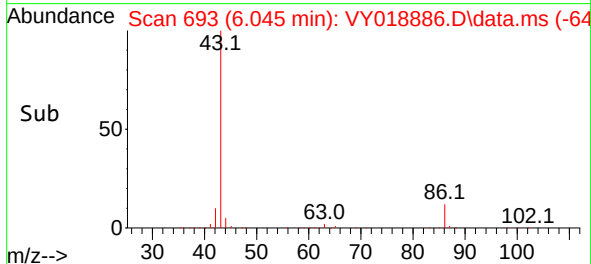
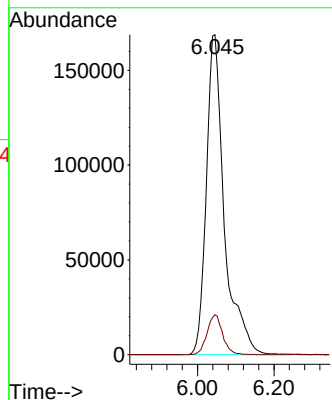
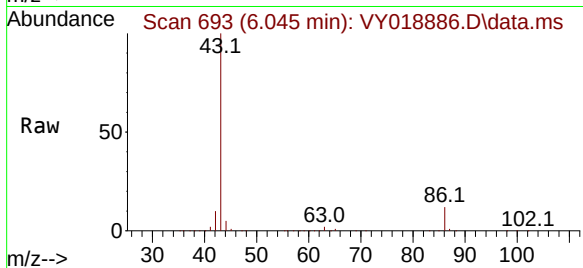




#23
 Vinyl Acetate
 Concen: 259.616 ug/l
 RT: 6.045 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY018886.D
 Acq: 22 Jul 2024 10:27

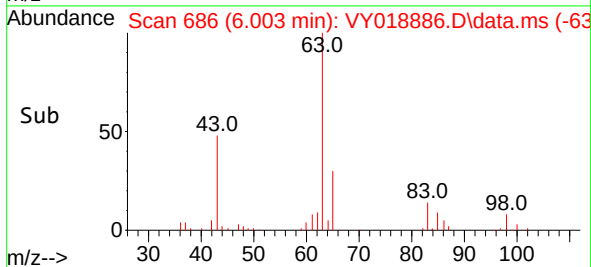
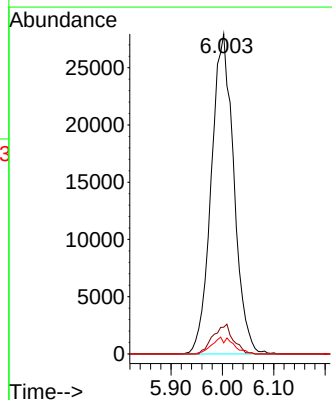
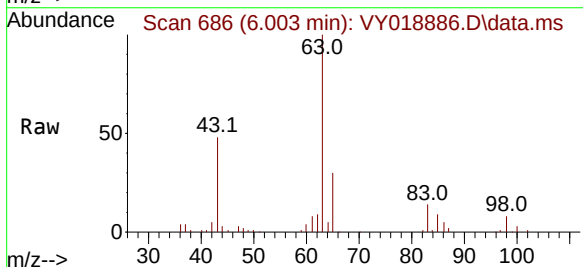
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

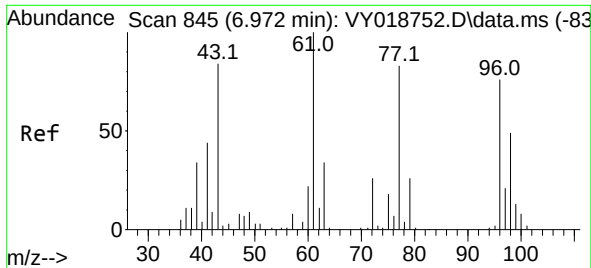
Tgt Ion: 43 Resp: 550278
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 49.570 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: VY018886.D
 Acq: 22 Jul 2024 10:27

Tgt Ion: 63 Resp: 85150
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 3.5 2.6 8.0

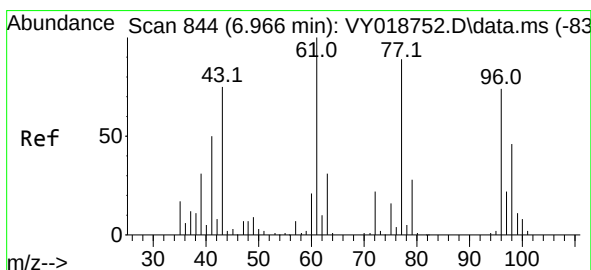
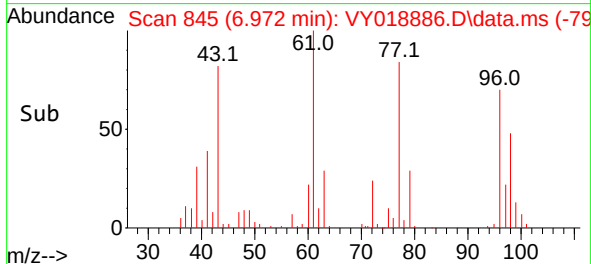
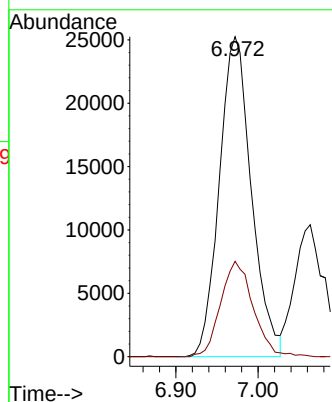
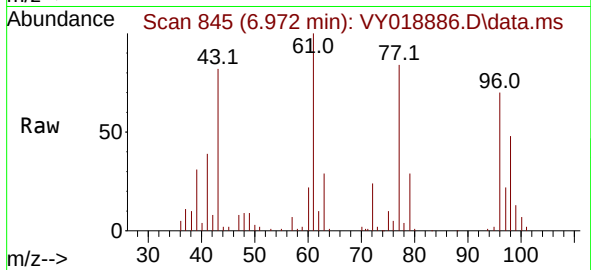




#25
2-Butanone
Concen: 260.809 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

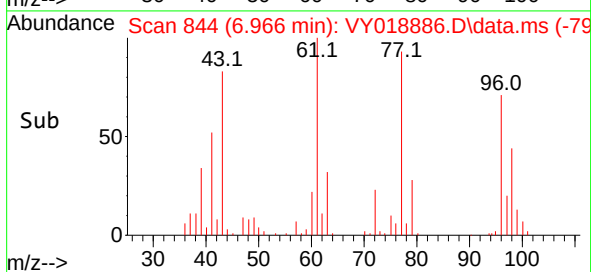
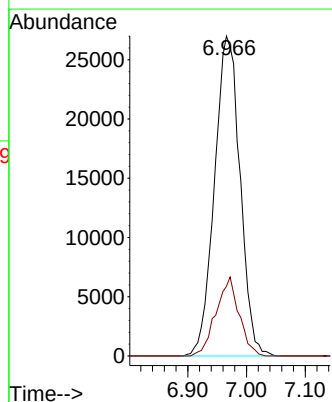
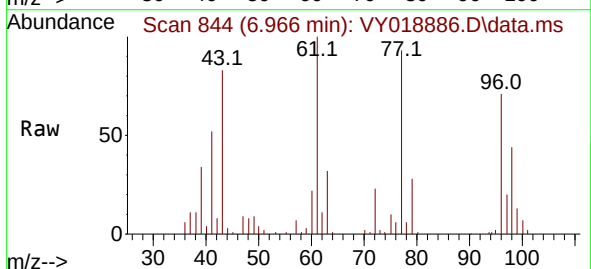
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

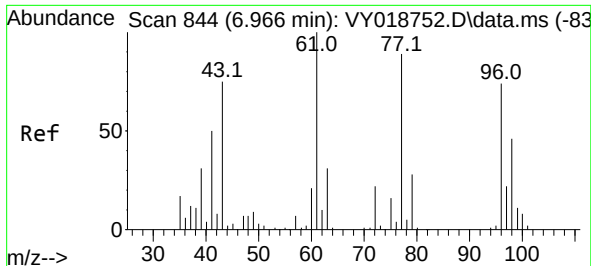
Tgt Ion: 43 Resp: 68535
Ion Ratio Lower Upper
43 100
72 29.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 51.138 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 77 Resp: 81506
Ion Ratio Lower Upper
77 100
97 22.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 49.939 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

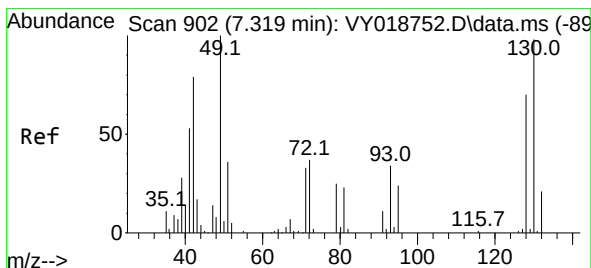
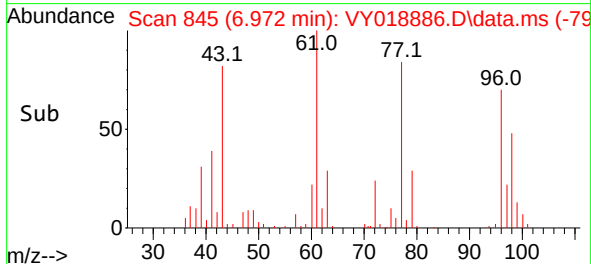
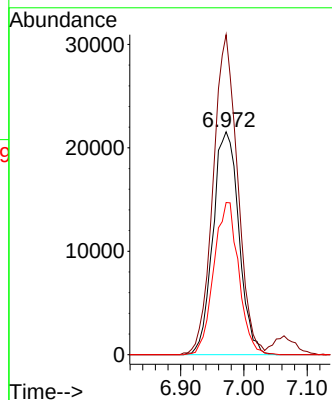
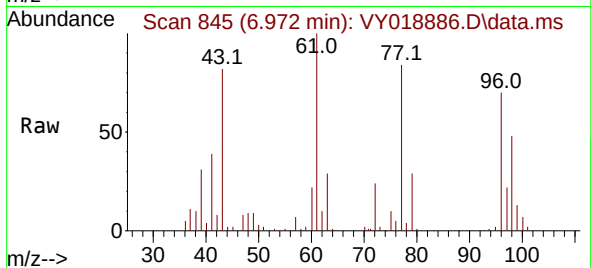
Tgt Ion: 96 Resp: 61264

Ion Ratio Lower Upper

96 100

61 135.5 0.0 256.2

98 65.7 0.0 130.0



#28

Bromochloromethane

Concen: 48.664 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

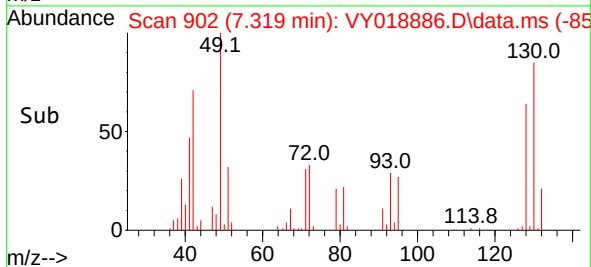
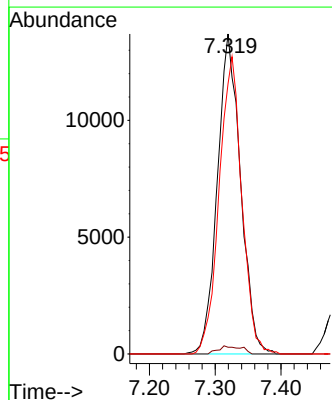
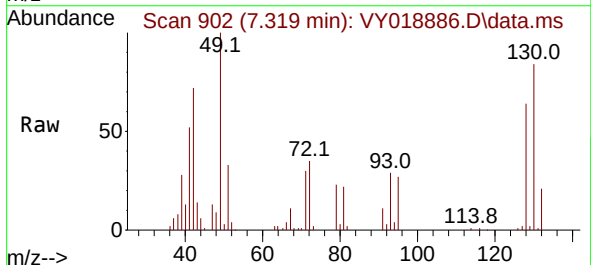
Tgt Ion: 49 Resp: 33575

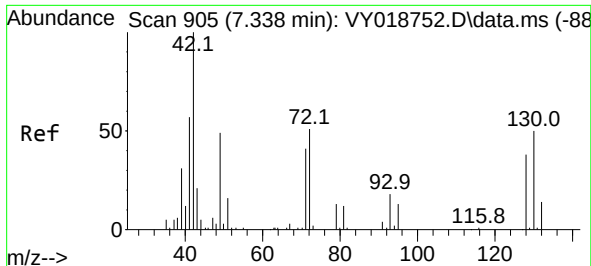
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 91.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 251.665 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

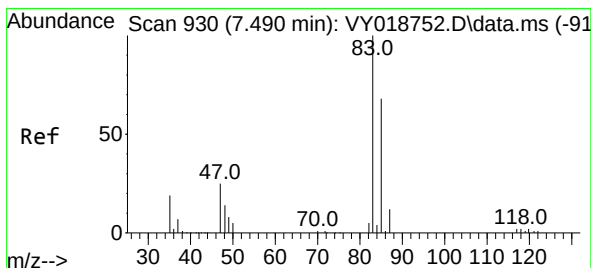
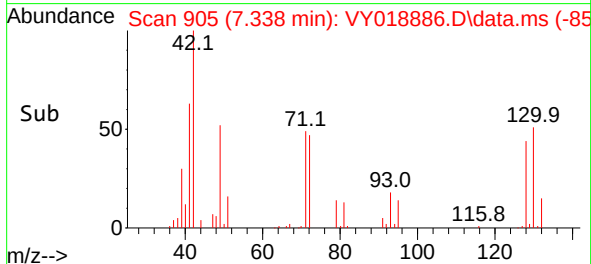
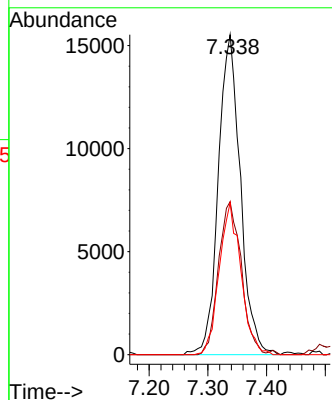
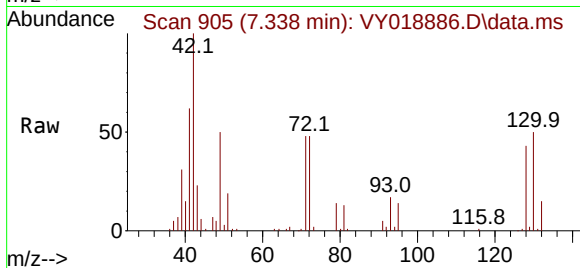
Tgt Ion: 42 Resp: 40543

Ion Ratio Lower Upper

42 100

72 49.3 43.0 64.4

71 46.7 40.8 61.2



#30

Chloroform

Concen: 51.690 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.006 min

Lab File: VY018886.D

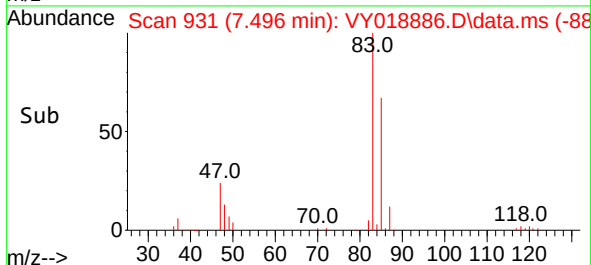
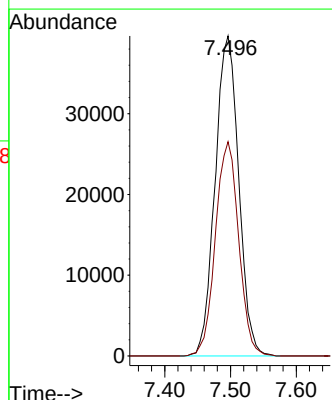
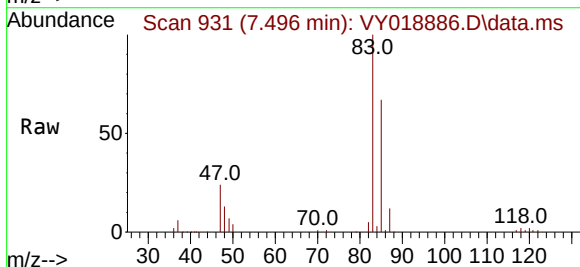
Acq: 22 Jul 2024 10:27

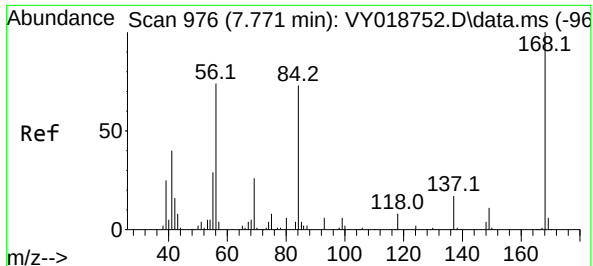
Tgt Ion: 83 Resp: 98958

Ion Ratio Lower Upper

83 100

85 67.0 52.2 78.4

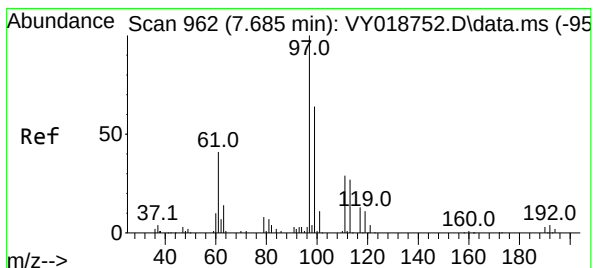
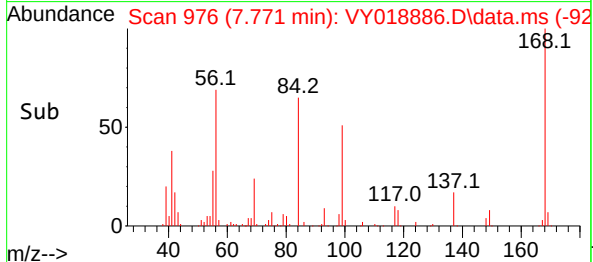
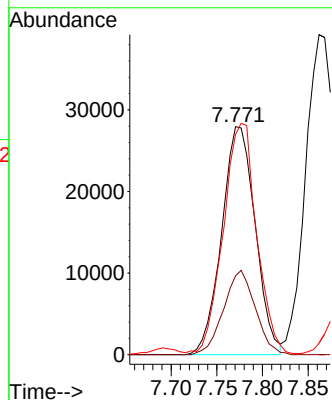
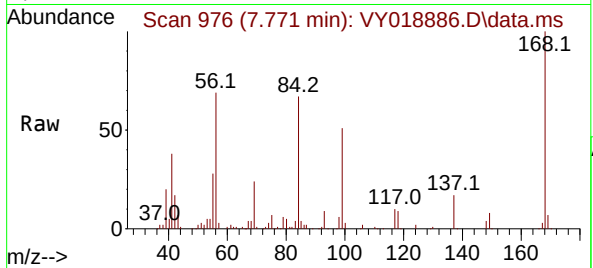




#31
Cyclohexane
Concen: 45.799 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

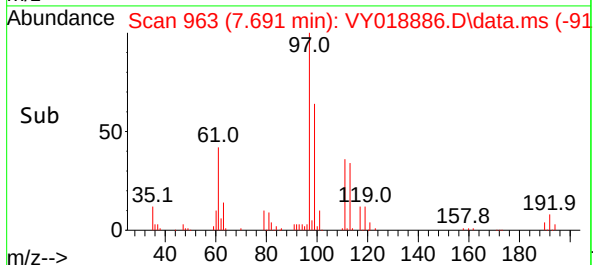
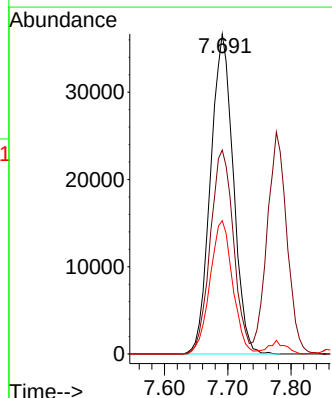
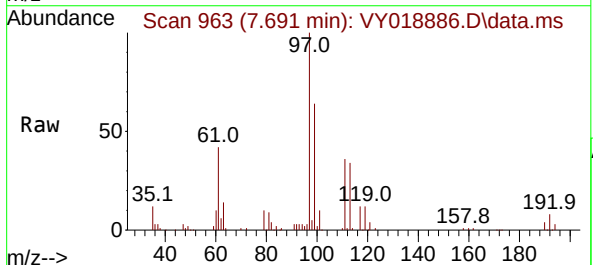
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

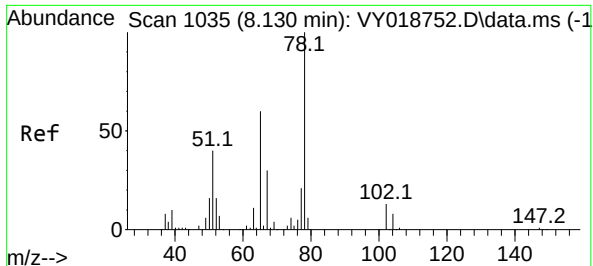
Tgt Ion: 56 Resp: 71548
Ion Ratio Lower Upper
56 100
69 34.6 28.7 43.1
84 95.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.442 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 97 Resp: 91579
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 41.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.179 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

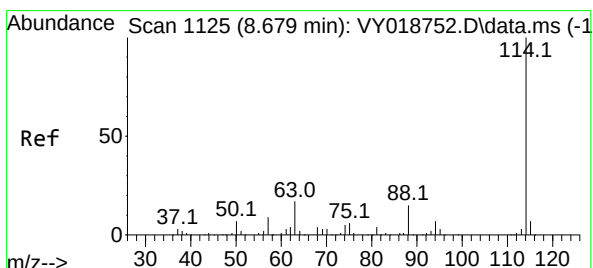
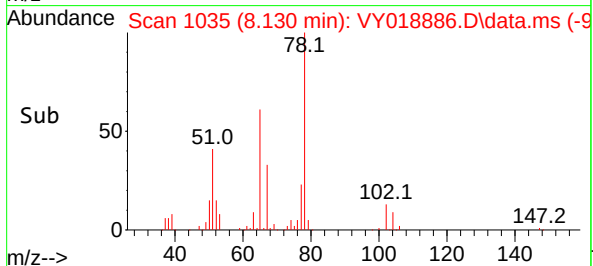
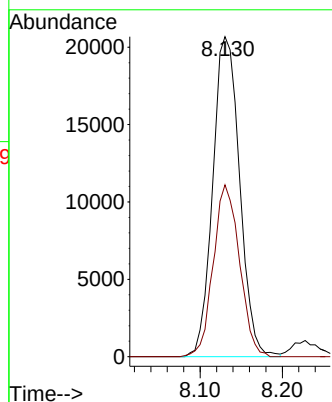
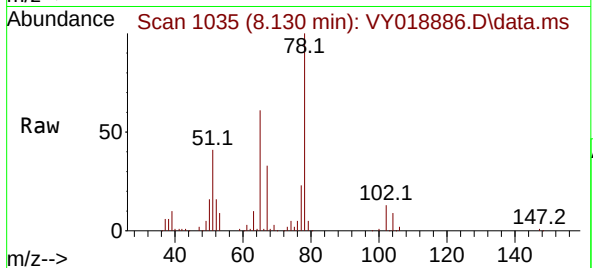
VSTDCCC050

Tgt Ion: 65 Resp: 46957

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

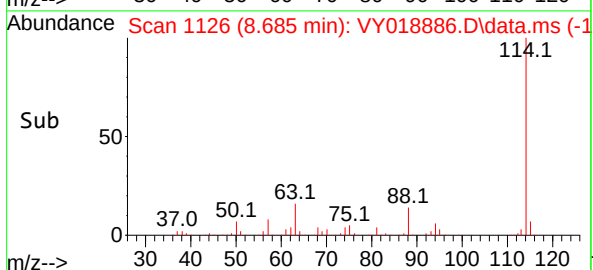
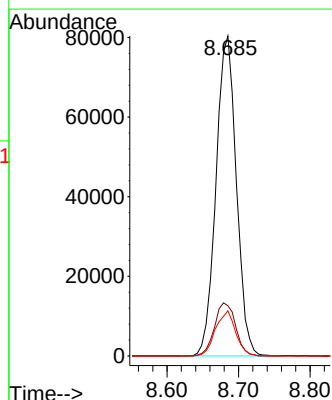
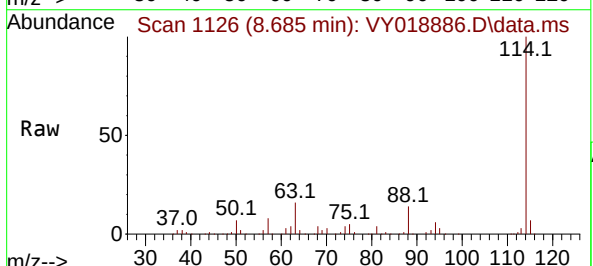
Tgt Ion: 114 Resp: 158910

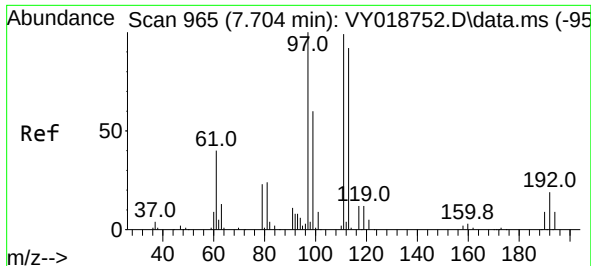
Ion Ratio Lower Upper

114 100

63 15.7 0.0 35.0

88 14.1 0.0 27.2

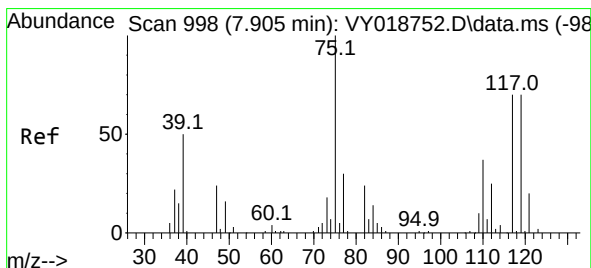
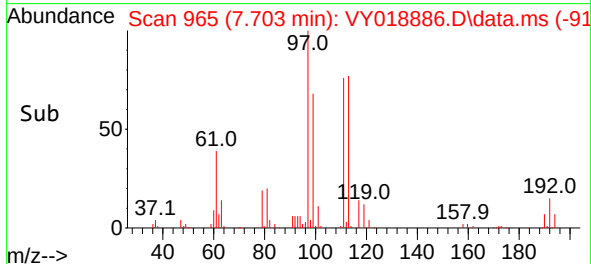
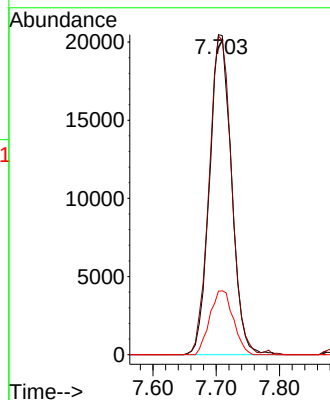
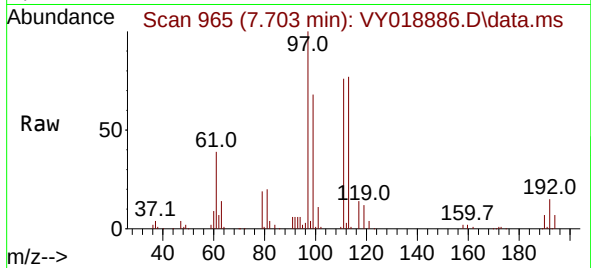




#35
Dibromofluoromethane
Concen: 49.593 ug/l
RT: 7.703 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

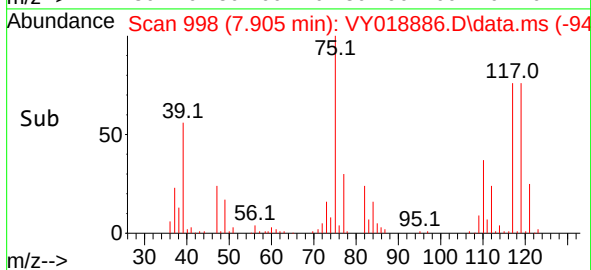
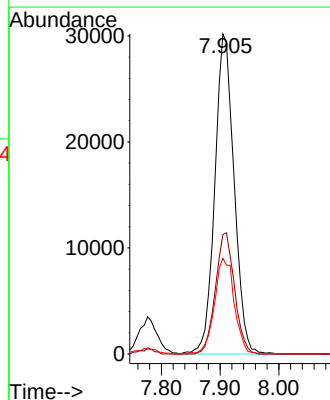
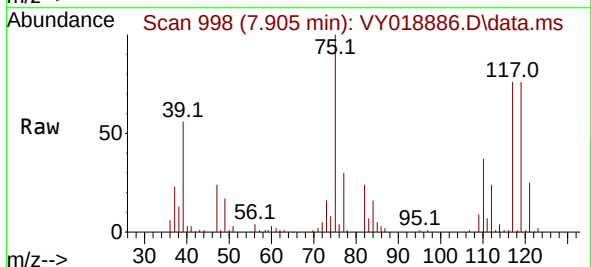
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

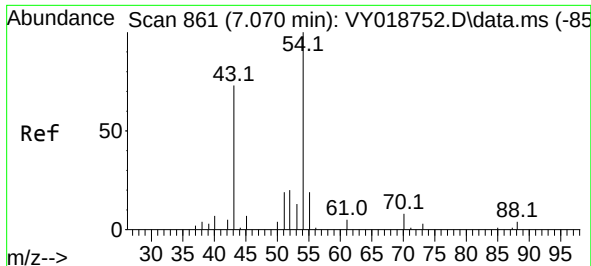
Tgt Ion:113 Resp: 49359
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 21.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 50.046 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 75 Resp: 68740
Ion Ratio Lower Upper
75 100
110 37.4 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 47.269 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

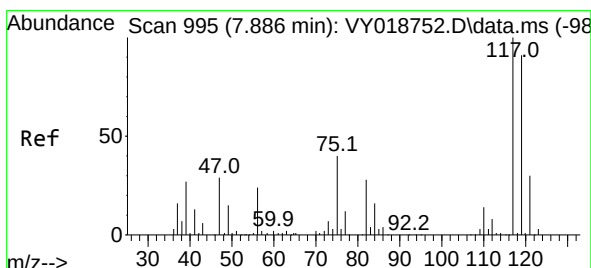
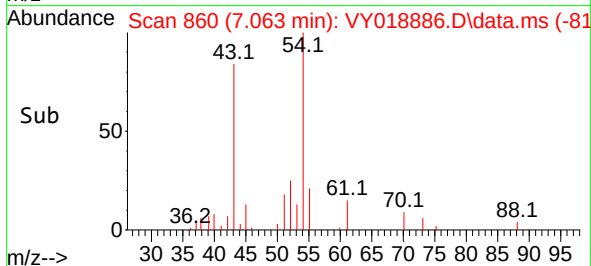
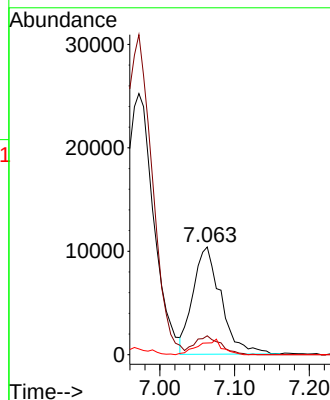
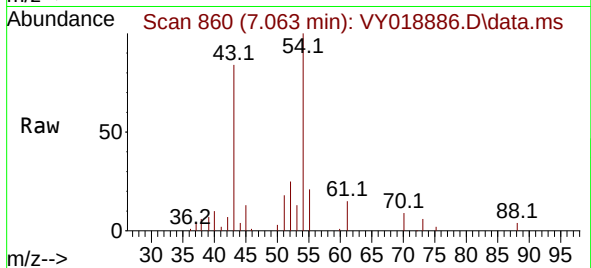
Tgt Ion: 43 Resp: 26987

Ion Ratio Lower Upper

43 100

61 16.3 12.6 19.0

70 12.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 51.596 ug/l

RT: 7.892 min Scan# 996

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

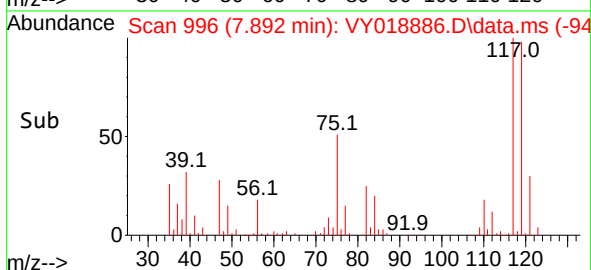
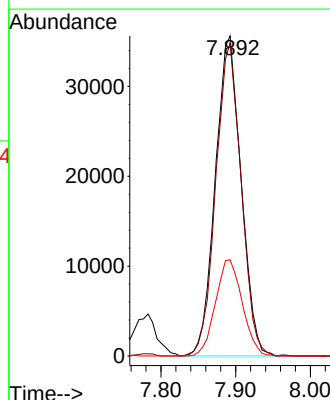
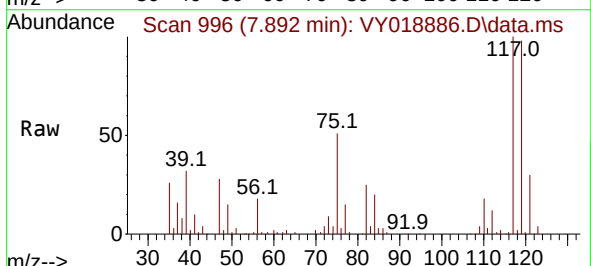
Tgt Ion: 117 Resp: 85356

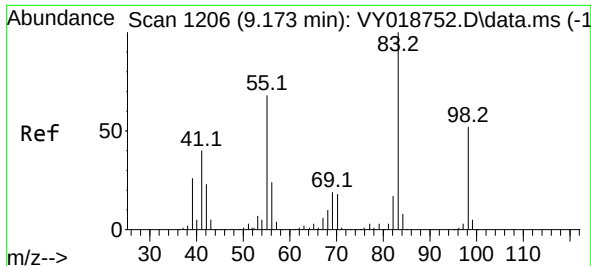
Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.6

121 30.1 24.0 36.0

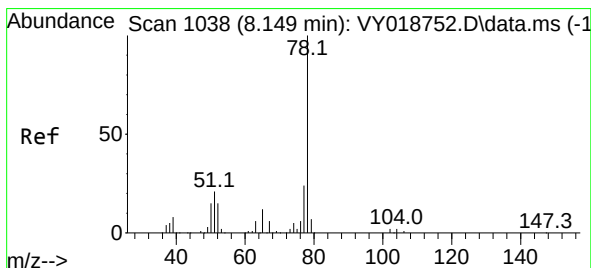
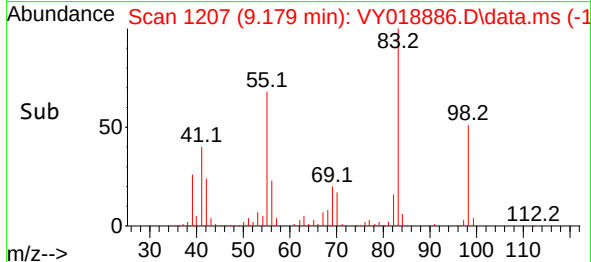
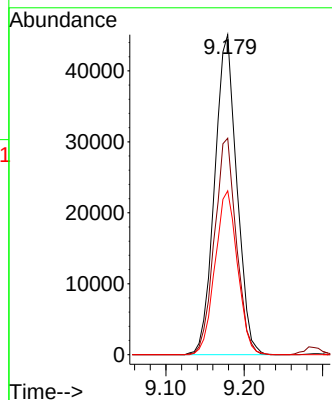
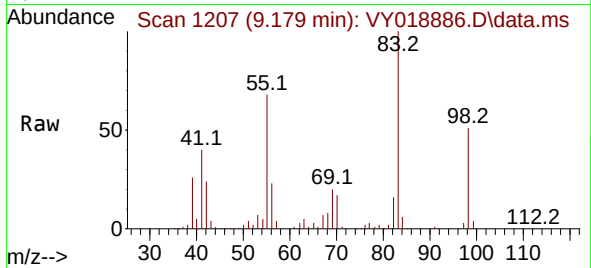




#39
Methylcyclohexane
Concen: 50.378 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

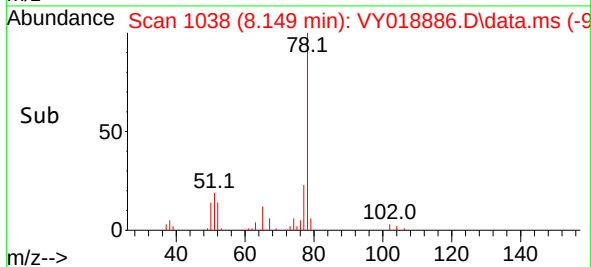
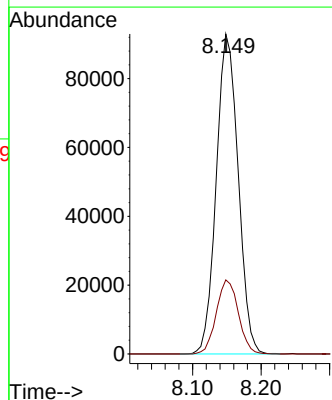
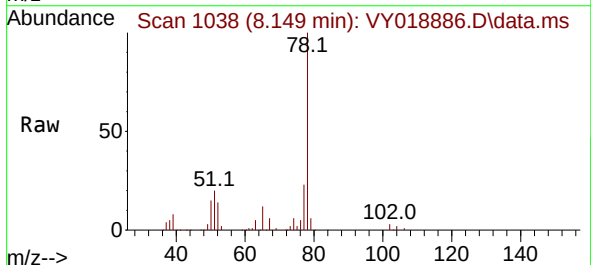
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

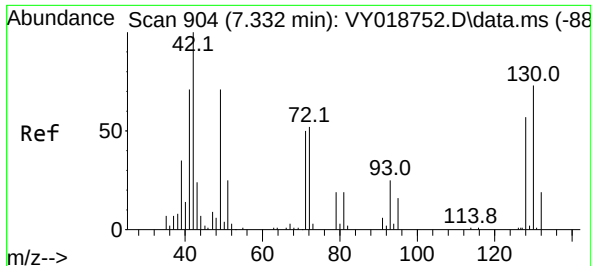
Tgt Ion: 83 Resp: 88675
Ion Ratio Lower Upper
83 100
55 67.6 51.5 77.3
98 51.2 40.5 60.7



#40
Benzene
Concen: 51.642 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 78 Resp: 205768
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3

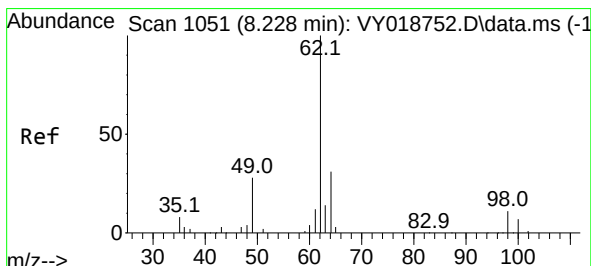
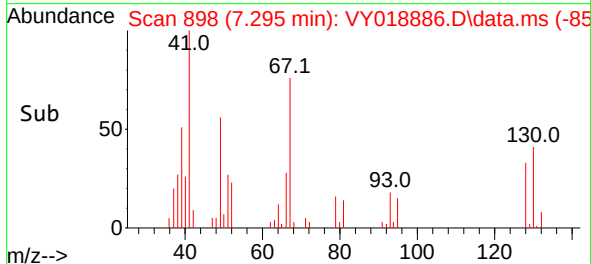
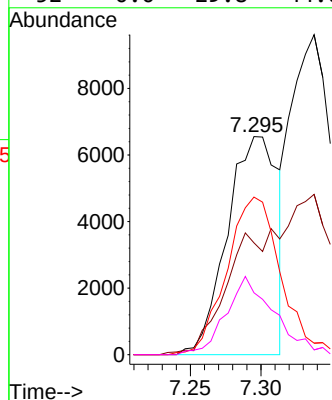
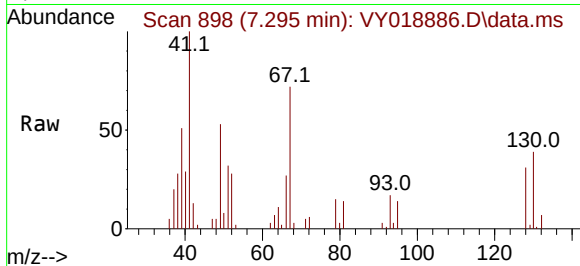




#41
Methacrylonitrile
Concen: 50.274 ug/l m
RT: 7.295 min Scan# 898
Delta R.T. -0.037 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

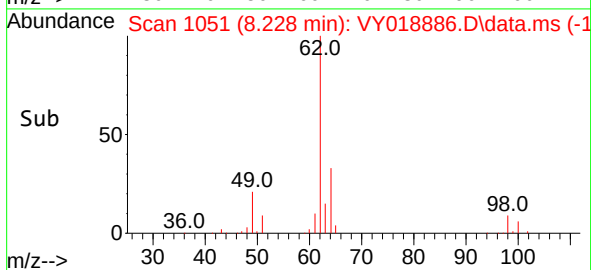
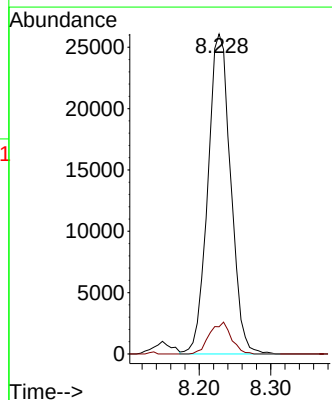
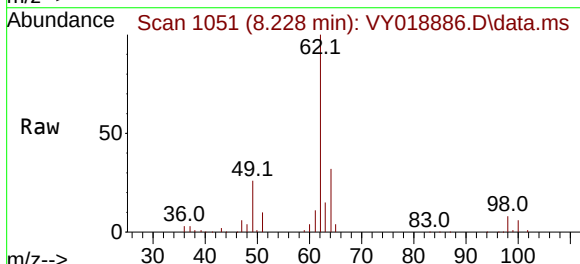
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

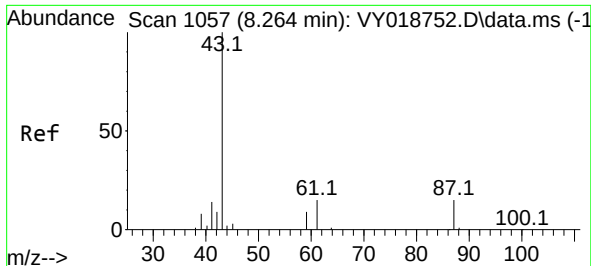
Tgt Ion:	41	Resp:	16364
Ion	Ratio	Lower	Upper
41	100		
39	61.3	48.0	72.0
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 51.835 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion:	62	Resp:	57826
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	22.0





#43

Isopropyl Acetate

Concen: 50.850 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

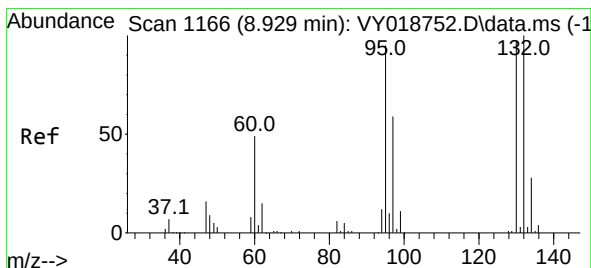
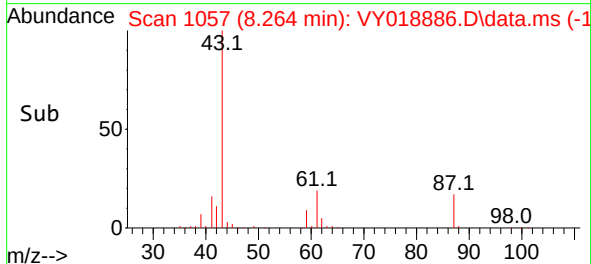
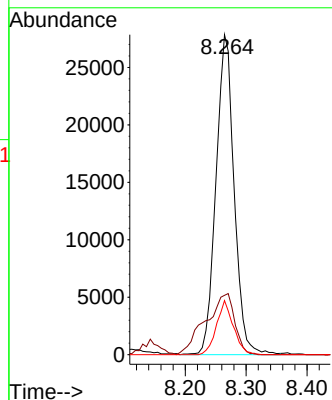
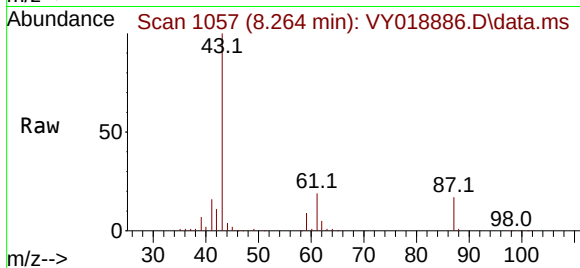
Tgt Ion: 43 Resp: 57767

Ion Ratio Lower Upper

43 100

61 30.6 27.9 41.9

87 15.7 13.1 19.7



#44

Trichloroethene

Concen: 52.351 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VY018886.D

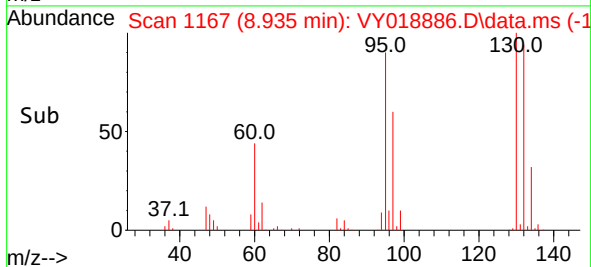
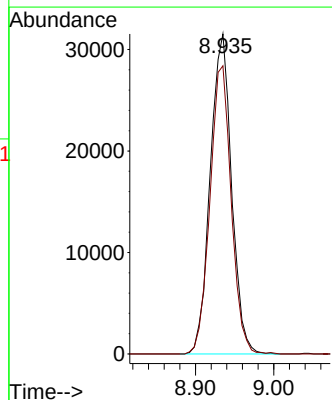
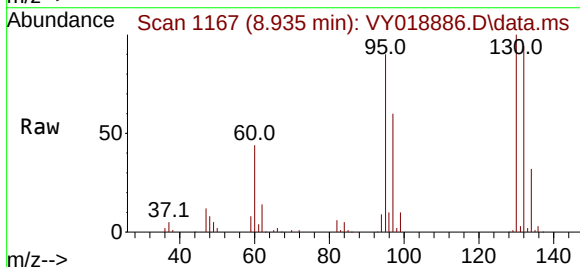
Acq: 22 Jul 2024 10:27

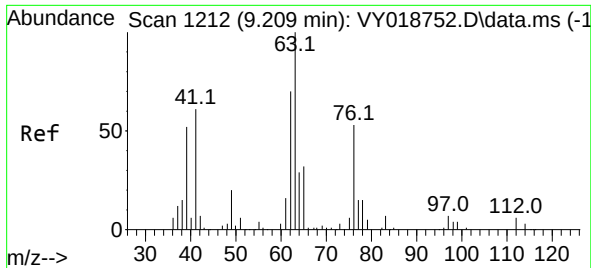
Tgt Ion:130 Resp: 59625

Ion Ratio Lower Upper

130 100

95 90.0 0.0 188.0

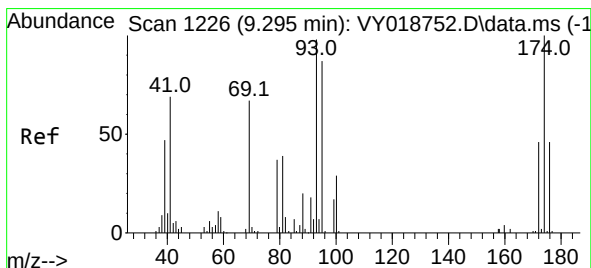
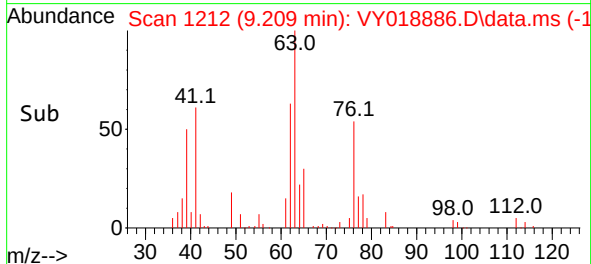
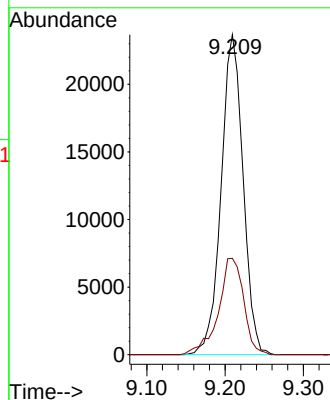
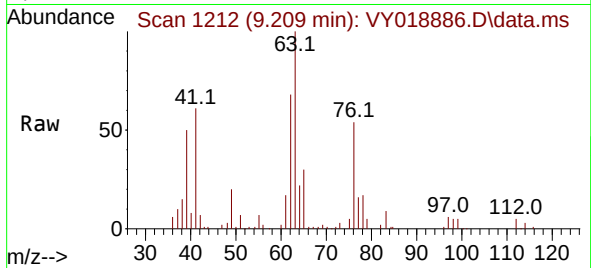




#45
1,2-Dichloropropane
Concen: 53.153 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

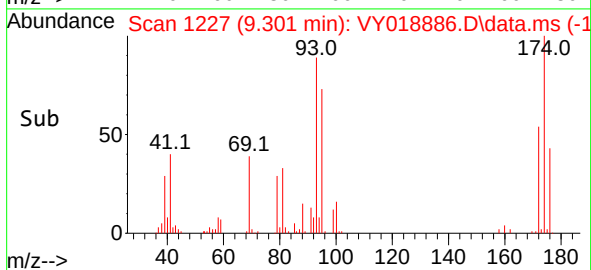
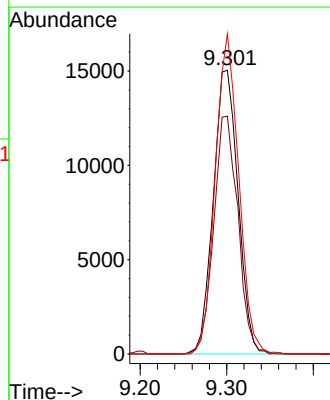
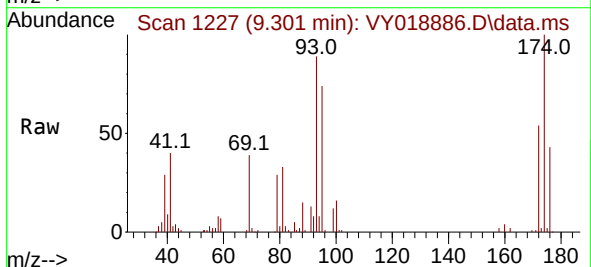
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

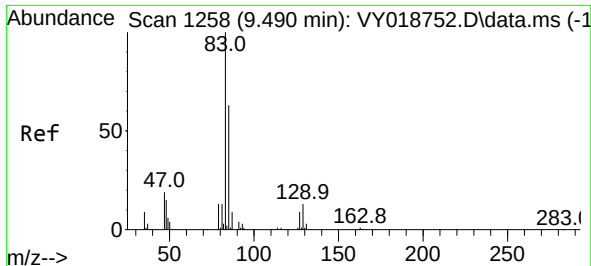
Tgt Ion: 63 Resp: 46119
Ion Ratio Lower Upper
63 100
65 30.1 25.4 38.2



#46
Dibromomethane
Concen: 53.235 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 93 Resp: 29940
Ion Ratio Lower Upper
93 100
95 81.7 66.2 99.4
174 107.0 80.9 121.3

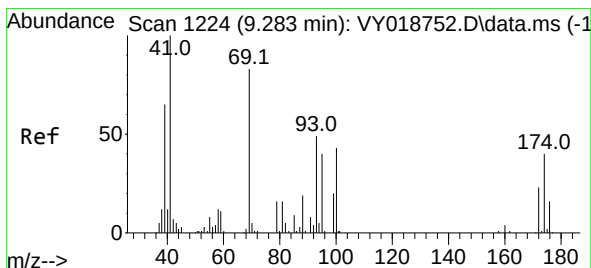
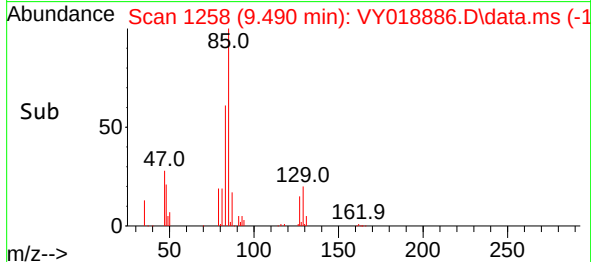
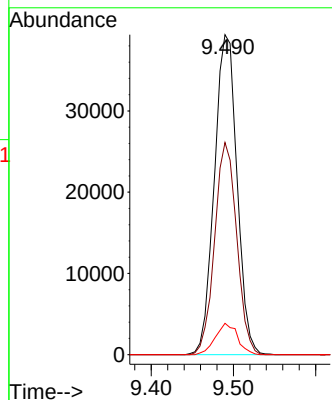
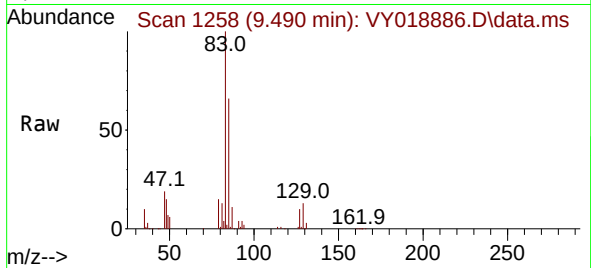




#47
Bromodichloromethane
Concen: 53.745 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

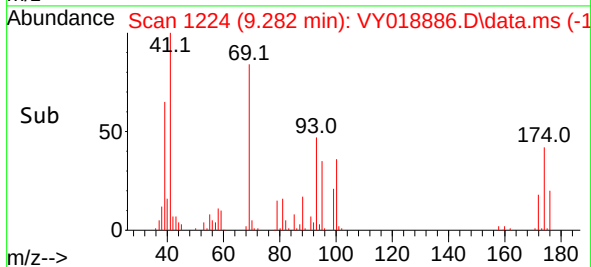
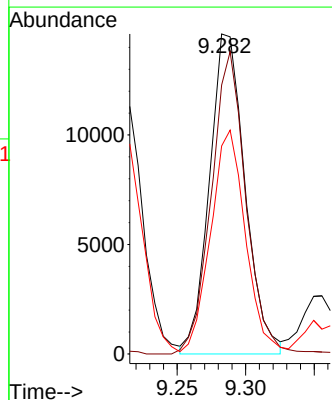
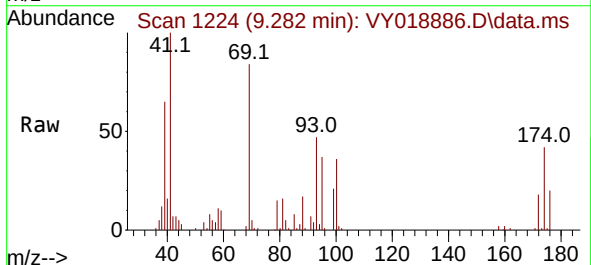
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

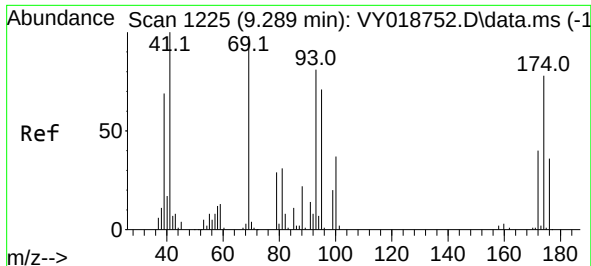
Tgt Ion: 83 Resp: 75512
Ion Ratio Lower Upper
83 100
85 66.3 50.1 75.1
127 9.8 7.4 11.0



#48
Methyl methacrylate
Concen: 51.131 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 41 Resp: 26402
Ion Ratio Lower Upper
41 100
69 91.9 84.1 126.1
39 68.0 43.6 65.4





#49

1,4-Dioxane

Concen: 1064.512 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

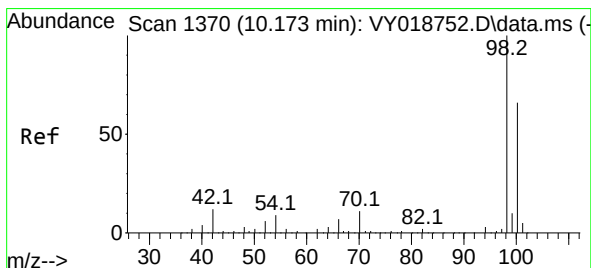
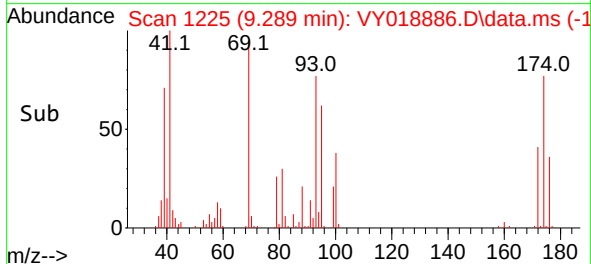
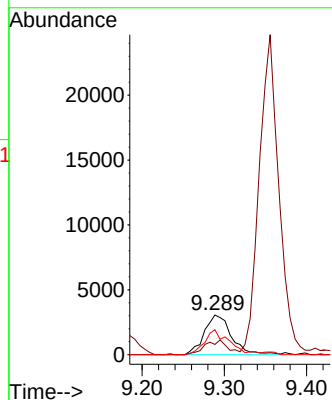
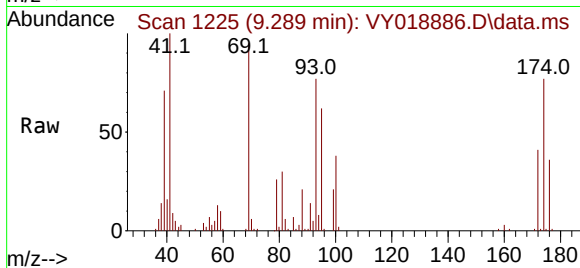
Tgt Ion: 88 Resp: 7018

Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0#

58 57.5 49.3 73.9



#50

Toluene-d8

Concen: 47.116 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018886.D

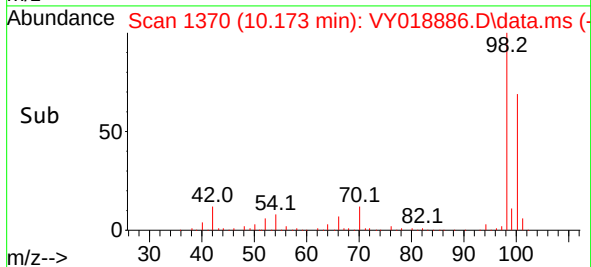
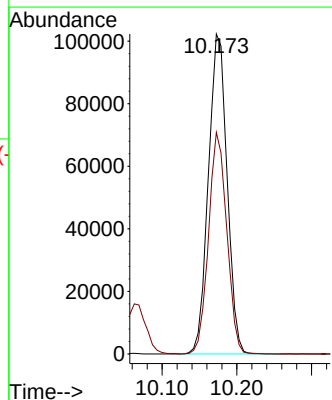
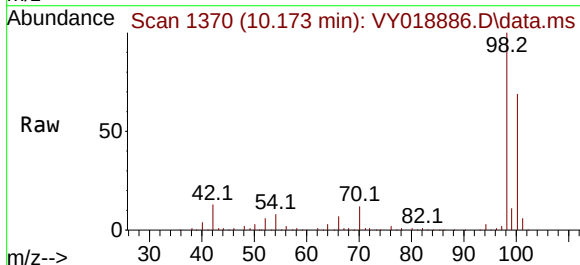
Acq: 22 Jul 2024 10:27

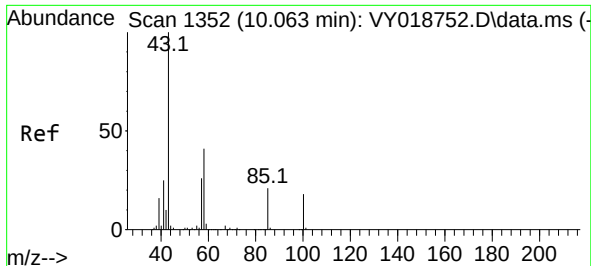
Tgt Ion: 98 Resp: 177662

Ion Ratio Lower Upper

98 100

100 67.5 52.0 78.0

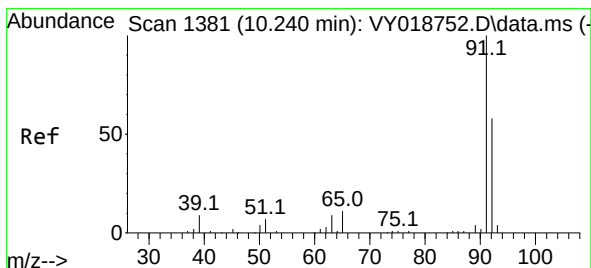
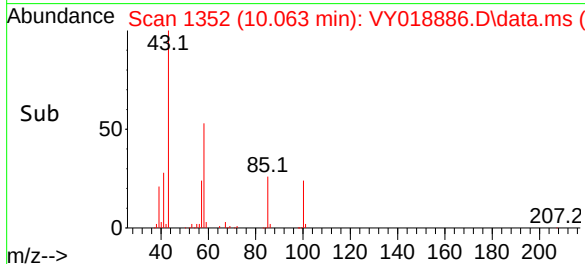
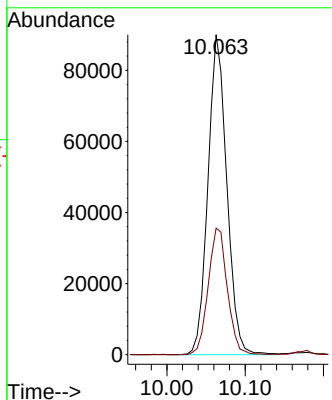
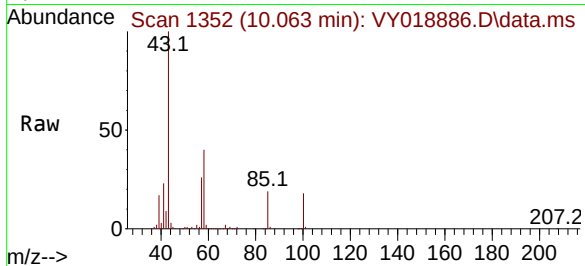




#51
4-Methyl-2-Pentanone
Concen: 259.277 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

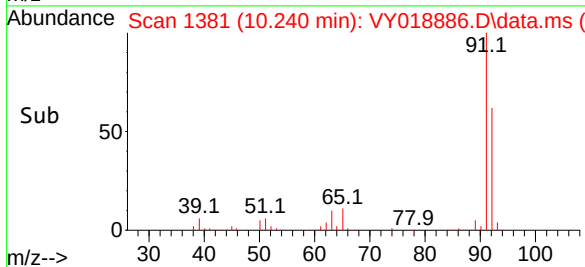
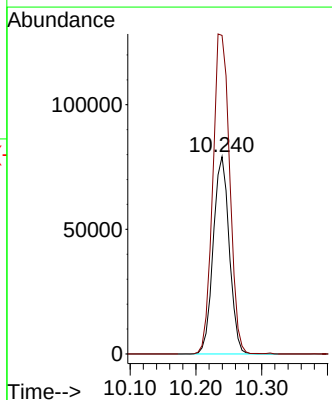
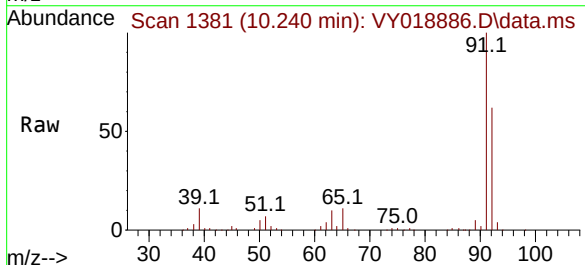
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

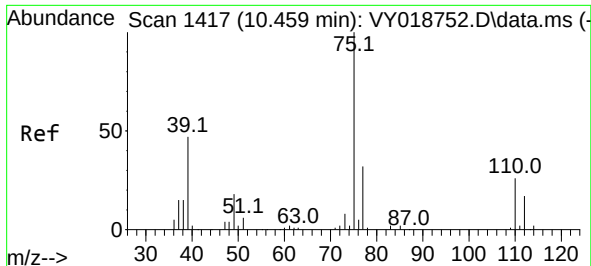
Tgt Ion: 43 Resp: 150383
Ion Ratio Lower Upper
43 100
58 40.1 35.7 53.5



#52
Toluene
Concen: 50.673 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 92 Resp: 134197
Ion Ratio Lower Upper
92 100
91 170.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 55.406 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

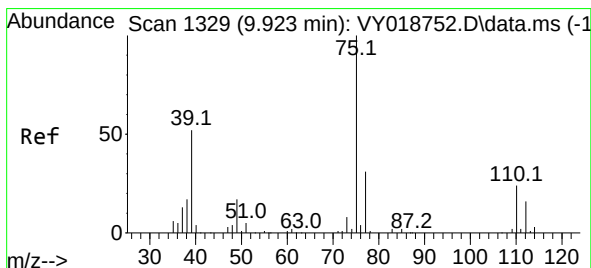
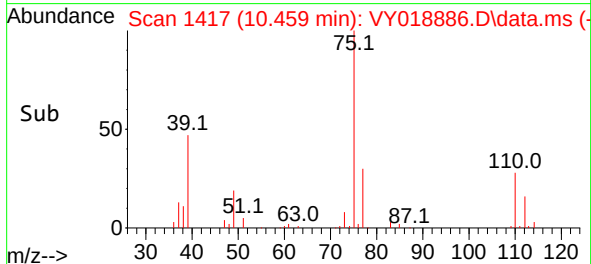
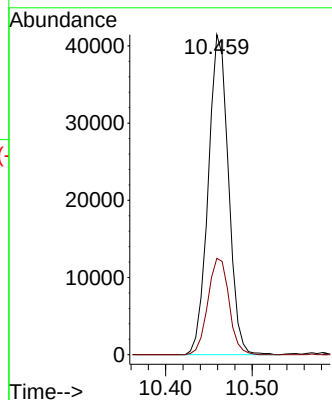
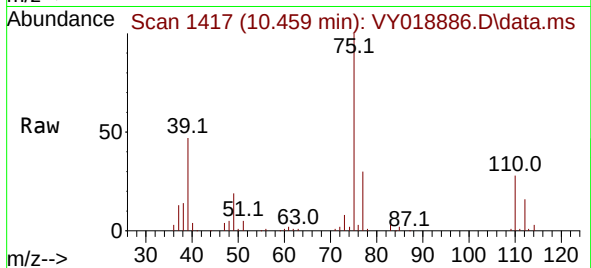
VSTDCCC050

Tgt Ion: 75 Resp: 67212

Ion Ratio Lower Upper

75 100

77 30.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 53.555 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

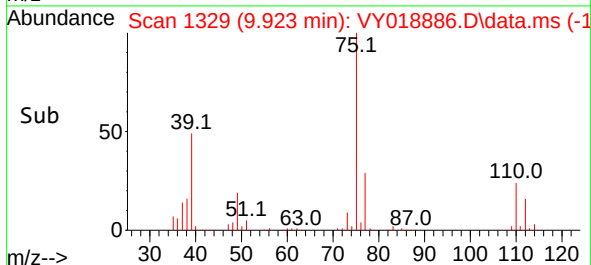
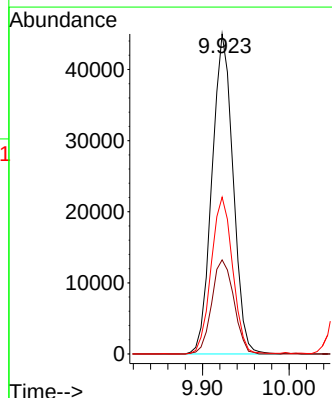
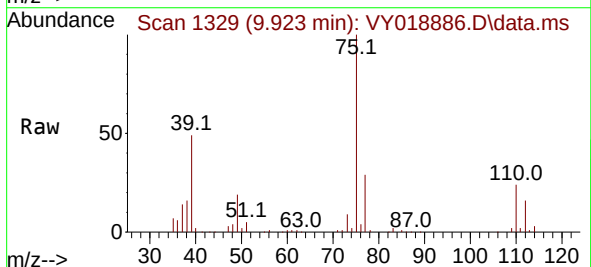
Tgt Ion: 75 Resp: 76215

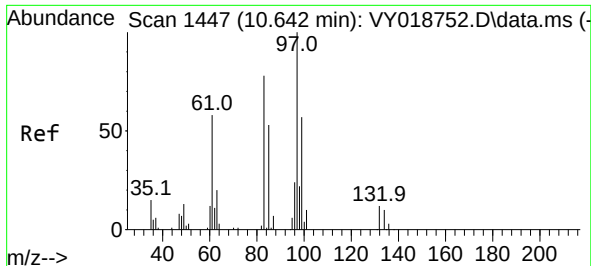
Ion Ratio Lower Upper

75 100

77 29.4 25.4 38.0

39 49.0 29.8 44.6#

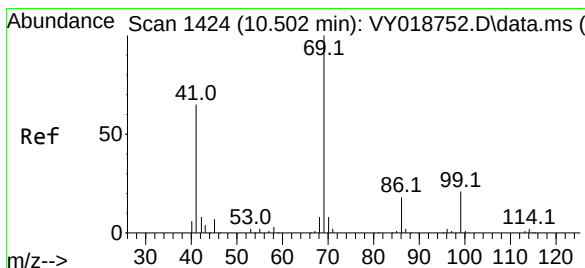
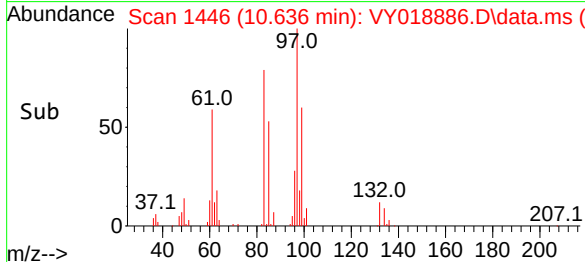
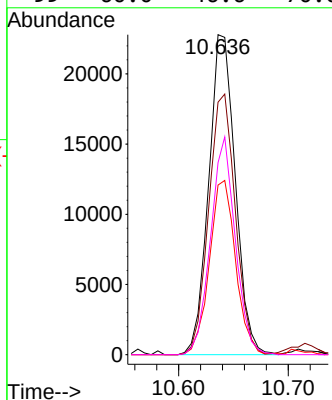
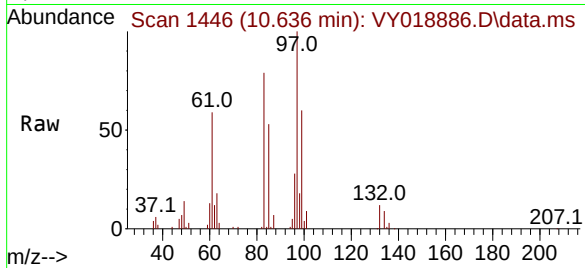




#55
1,1,2-Trichloroethane
Concen: 54.034 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

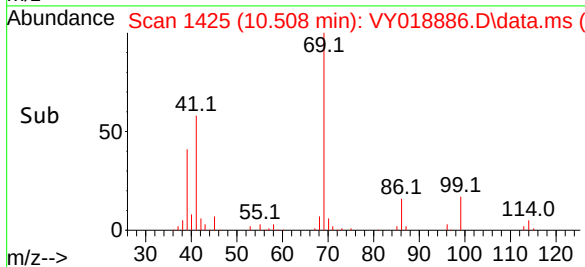
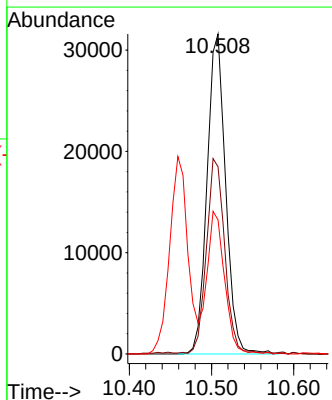
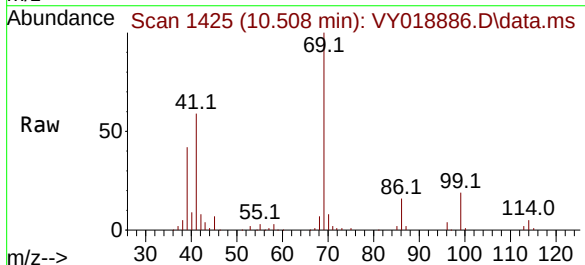
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

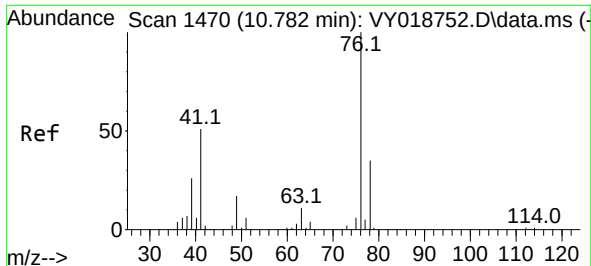
Tgt Ion:	97	Resp:	38482
Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.5	101.3
85	53.0	42.9	64.3
99	60.0	46.6	70.0



#56
Ethyl methacrylate
Concen: 52.876 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion:	69	Resp:	49578
Ion	Ratio	Lower	Upper
69	100		
41	60.8	42.3	63.5
39	42.4	22.9	34.3





#57

1,3-Dichloropropane

Concen: 53.821 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

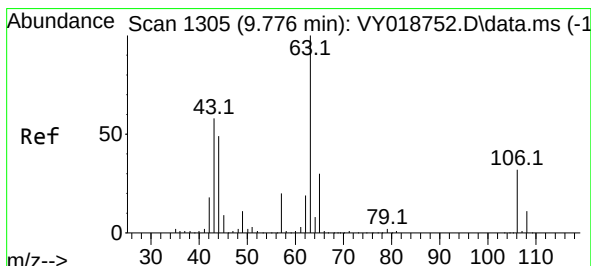
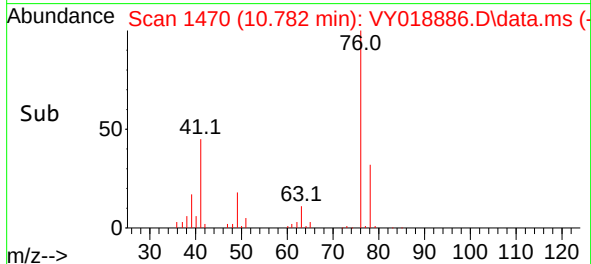
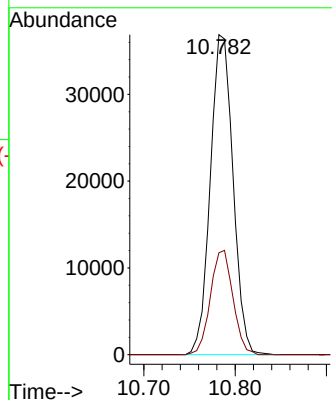
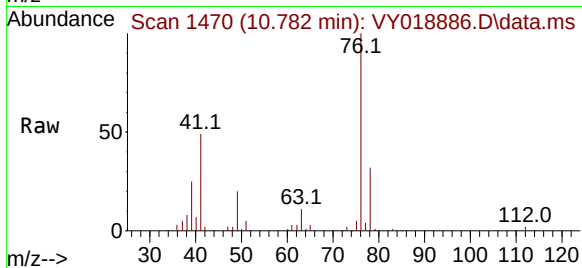
VSTDCCC050

Tgt Ion: 76 Resp: 63541

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 257.421 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018886.D

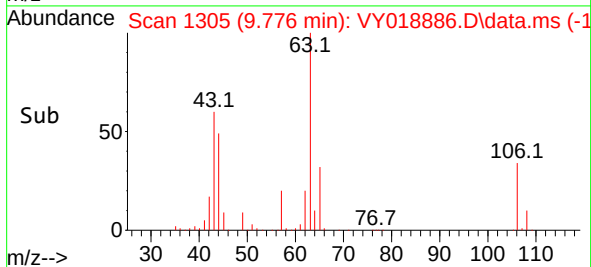
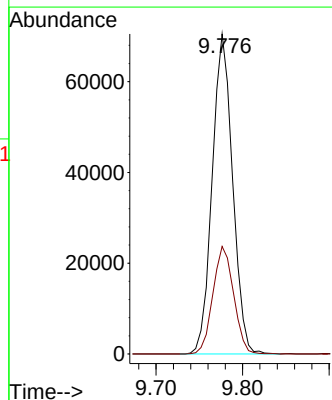
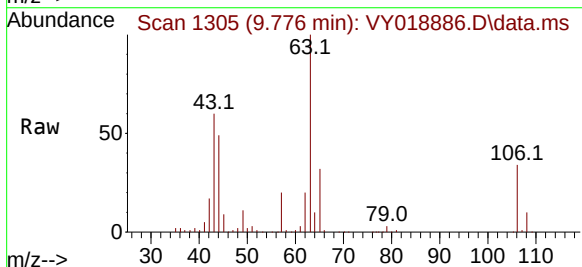
Acq: 22 Jul 2024 10:27

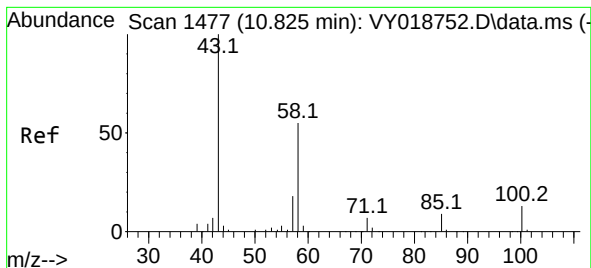
Tgt Ion: 63 Resp: 115314

Ion Ratio Lower Upper

63 100

106 34.2 23.7 35.5





#59

2-Hexanone

Concen: 266.792 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

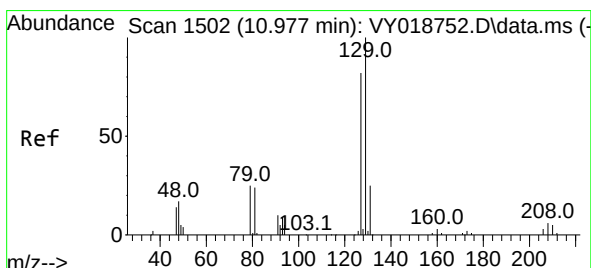
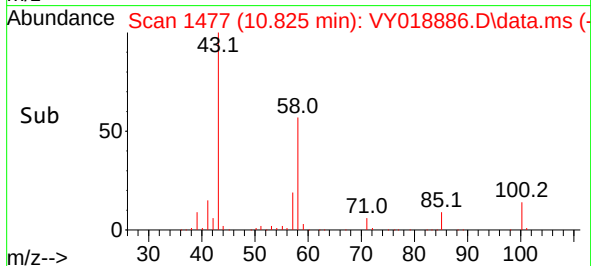
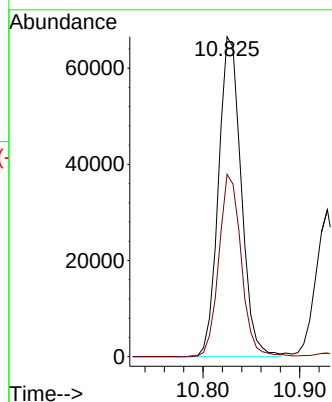
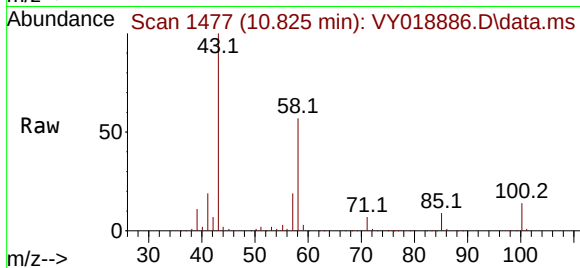
VSTDCCC050

Tgt Ion: 43 Resp: 108257

Ion Ratio Lower Upper

43 100

58 56.1 31.4 94.0



#60

Dibromochloromethane

Concen: 55.879 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.000 min

Lab File: VY018886.D

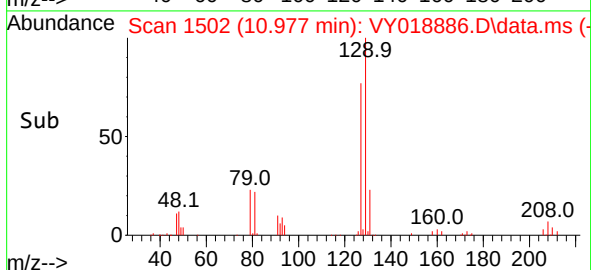
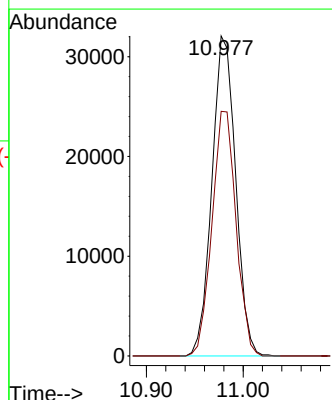
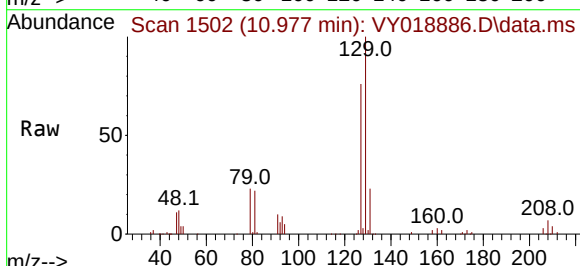
Acq: 22 Jul 2024 10:27

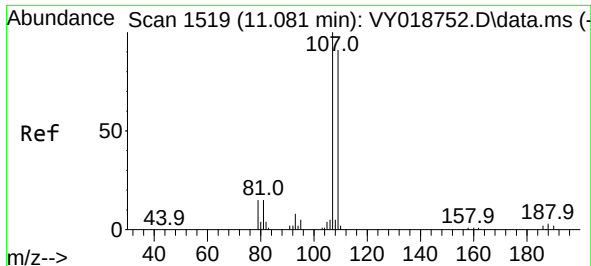
Tgt Ion:129 Resp: 54680

Ion Ratio Lower Upper

129 100

127 77.5 39.0 117.0

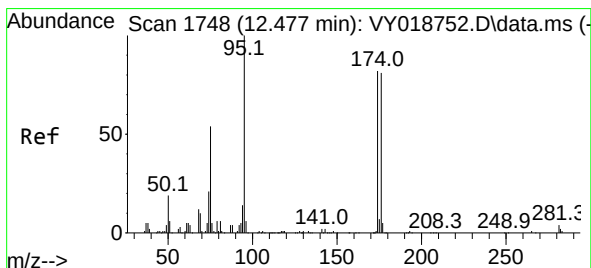
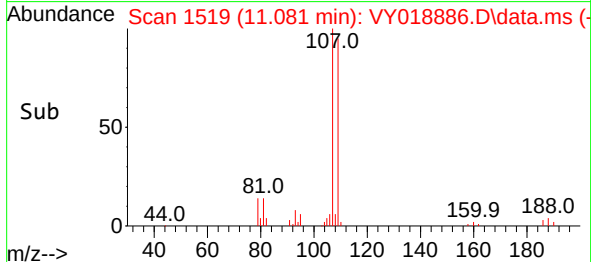
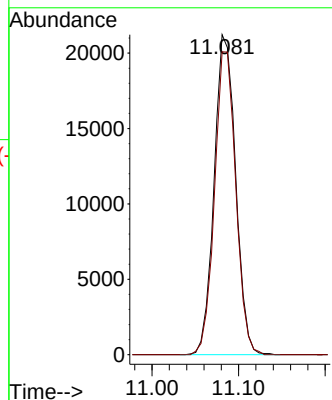
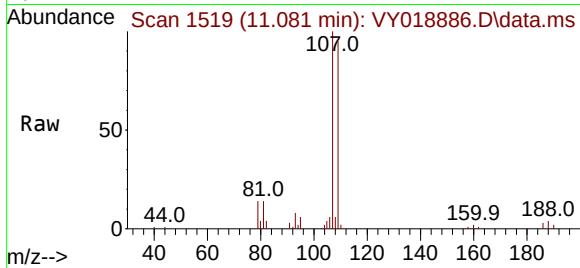




#61
1,2-Dibromoethane
Concen: 52.792 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

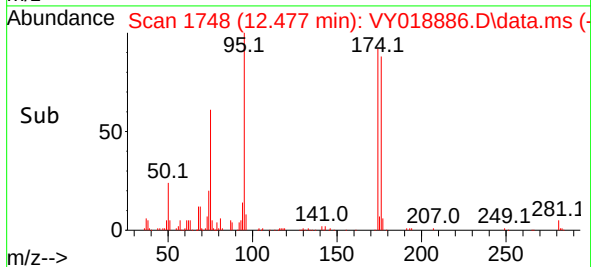
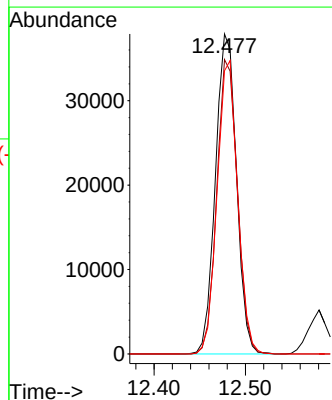
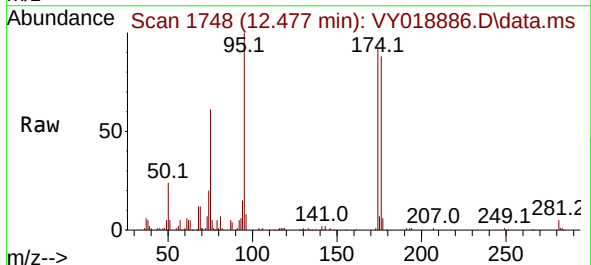
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

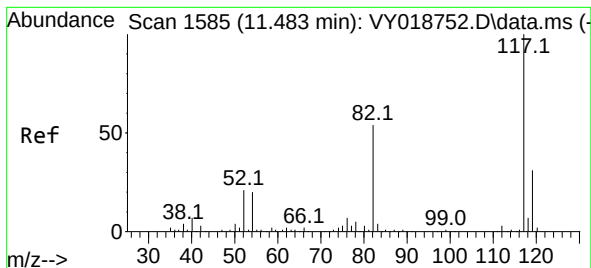
Tgt Ion:107 Resp: 36552
Ion Ratio Lower Upper
107 100
109 93.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.023 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 95 Resp: 60552
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 89.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

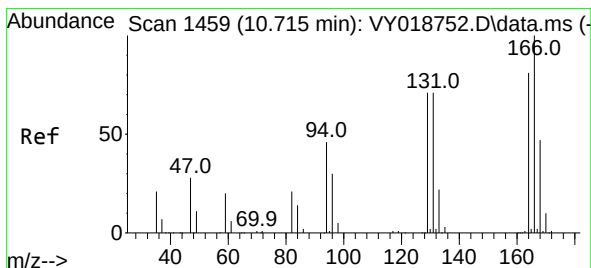
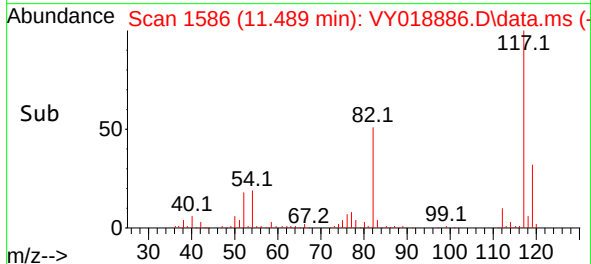
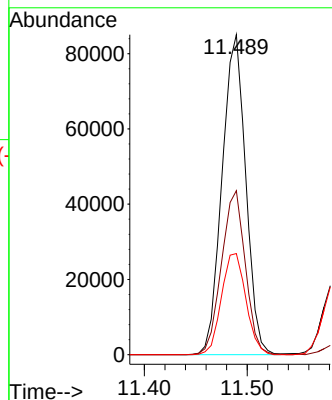
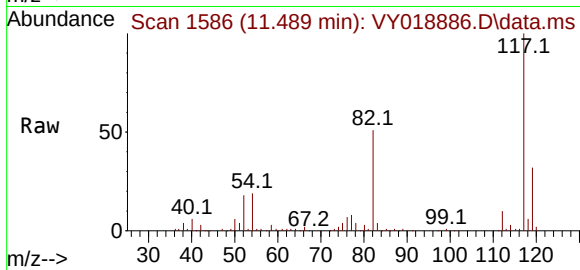
Tgt Ion:117 Resp: 135744

Ion Ratio Lower Upper

117 100

82 51.2 42.4 63.6

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 53.953 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Tgt Ion:164 Resp: 59280

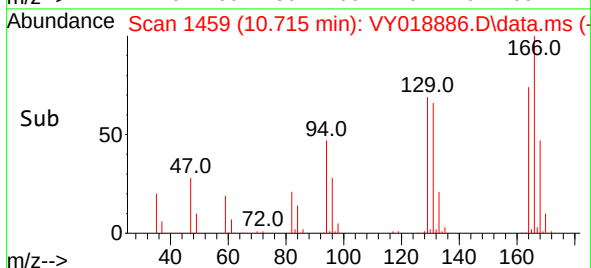
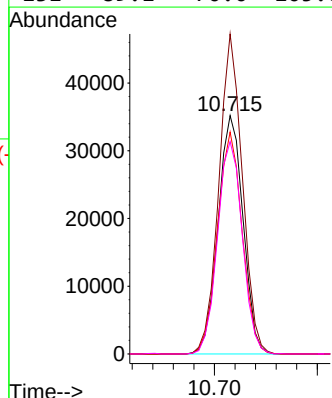
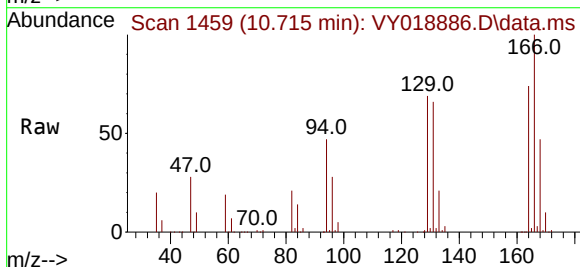
Ion Ratio Lower Upper

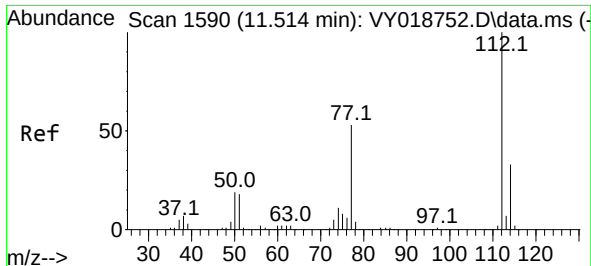
164 100

166 134.3 102.6 154.0

129 93.1 72.0 108.0

131 89.1 70.0 105.0

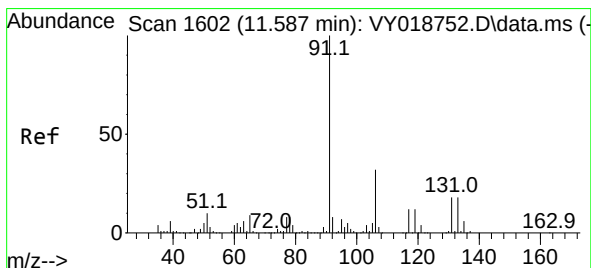
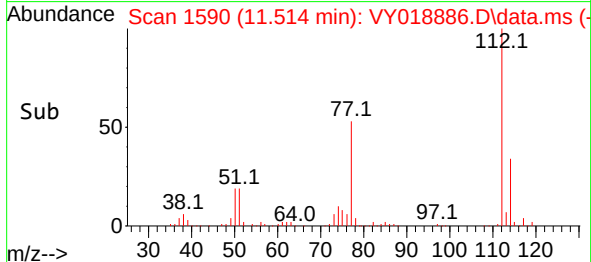
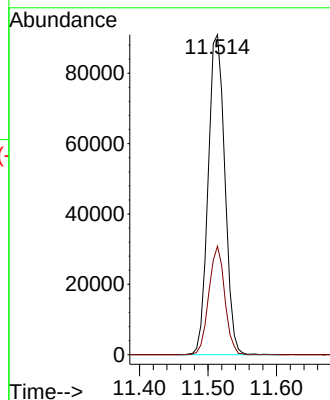
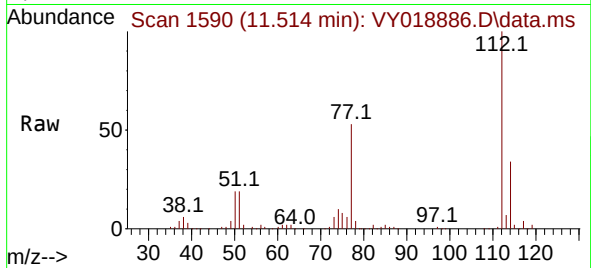




#65
Chlorobenzene
Concen: 53.808 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

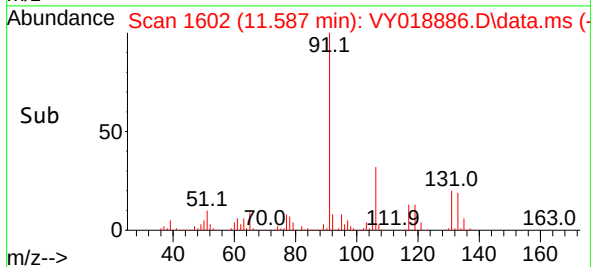
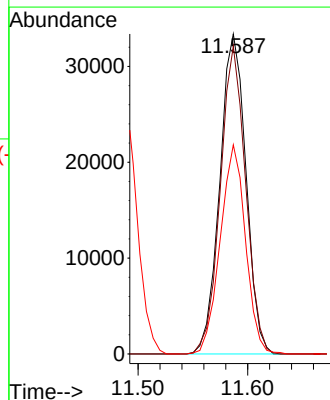
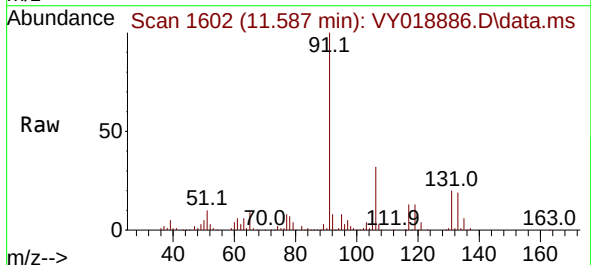
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

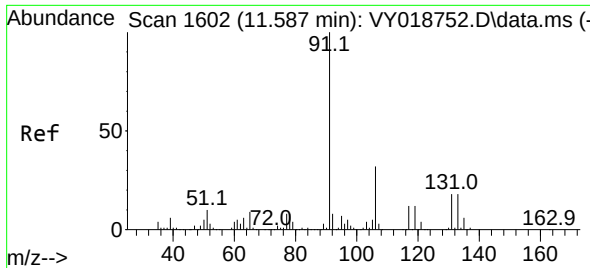
Tgt Ion:112 Resp: 154081
Ion Ratio Lower Upper
112 100
114 33.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.993 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion:131 Resp: 55243
Ion Ratio Lower Upper
131 100
133 93.3 47.8 143.3
119 63.2 34.1 102.2

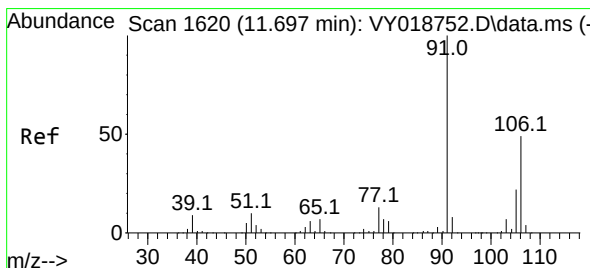
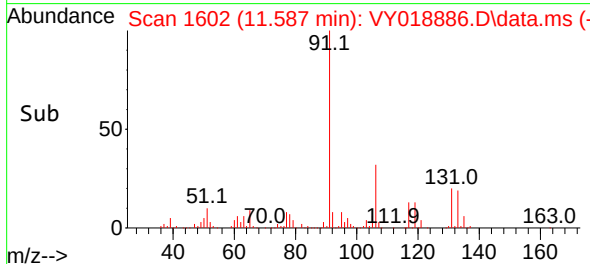
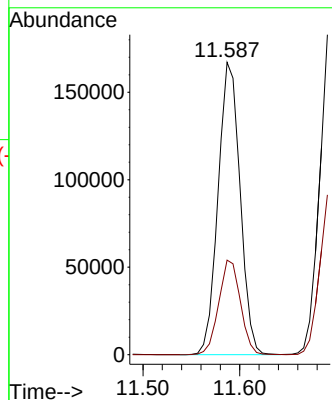
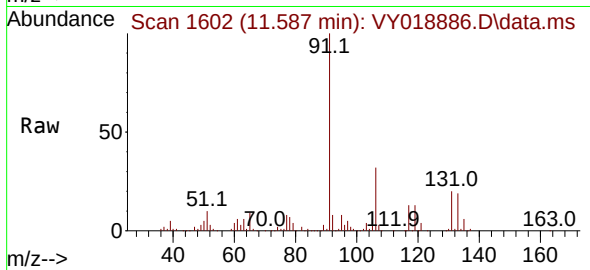




#67
Ethyl Benzene
Concen: 52.637 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

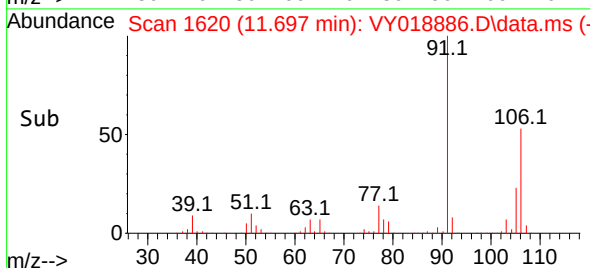
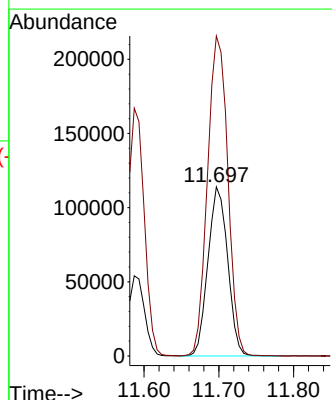
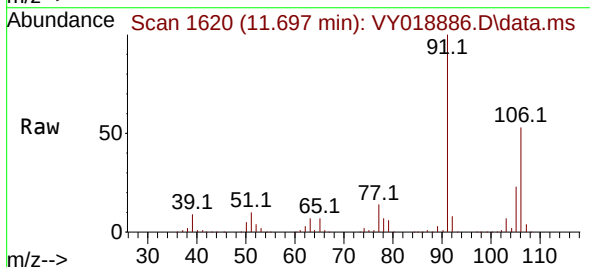
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

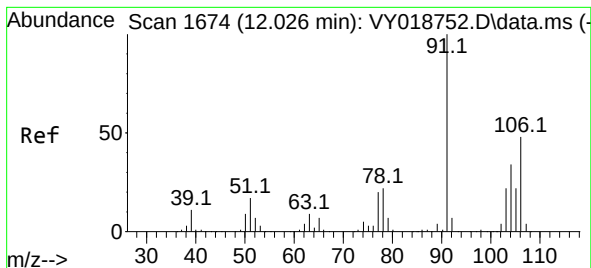
Tgt Ion: 91 Resp: 264047
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7



#68
m/p-Xylenes
Concen: 105.925 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion:106 Resp: 208516
Ion Ratio Lower Upper
106 100
91 195.5 156.0 234.0

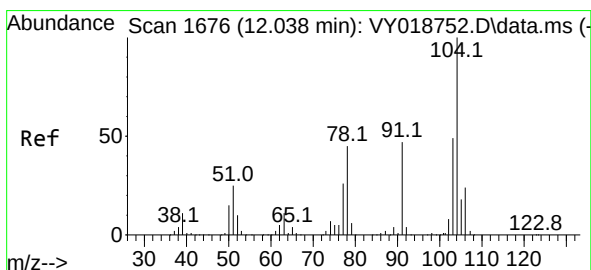
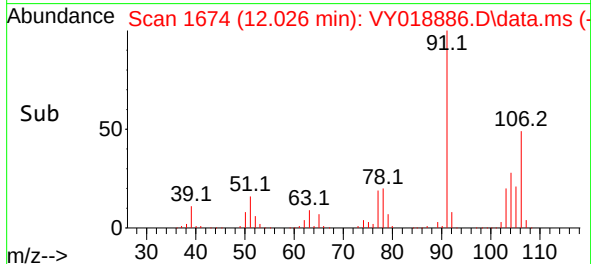
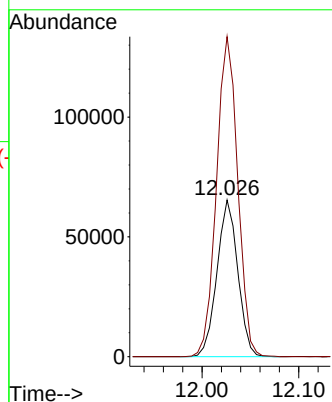
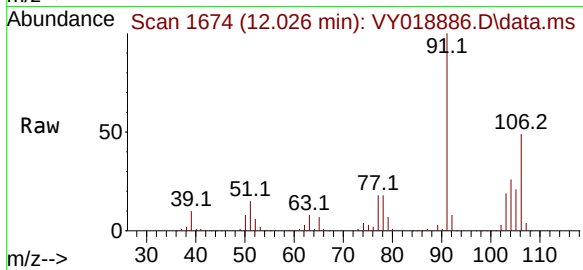




#69
o-Xylene
Concen: 52.768 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

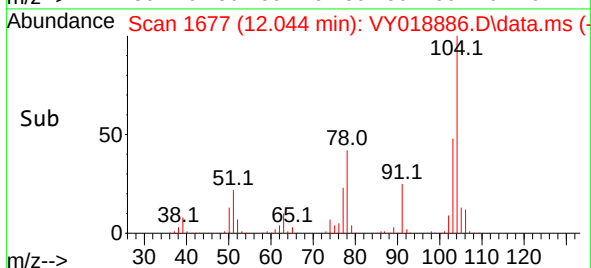
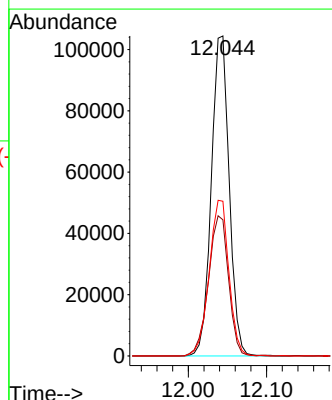
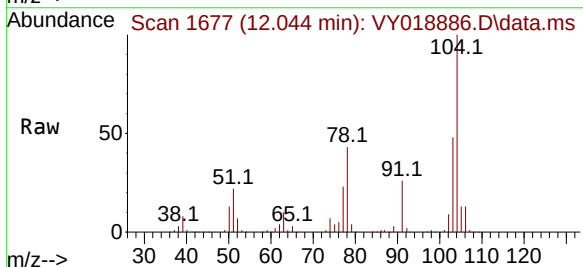
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

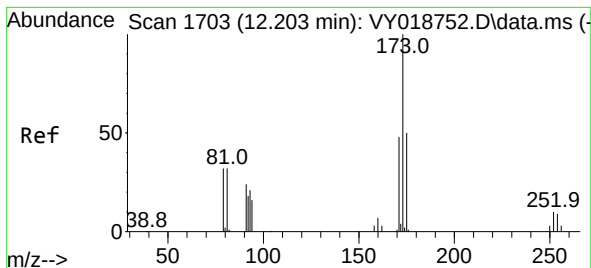
Tgt Ion:106 Resp: 97658
Ion Ratio Lower Upper
106 100
91 208.4 103.6 310.8



#70
Styrene
Concen: 53.589 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion:104 Resp: 165484
Ion Ratio Lower Upper
104 100
78 49.1 37.0 55.4
103 53.6 44.2 66.2





#71

Bromoform

Concen: 57.509 ug/l

RT: 12.209 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

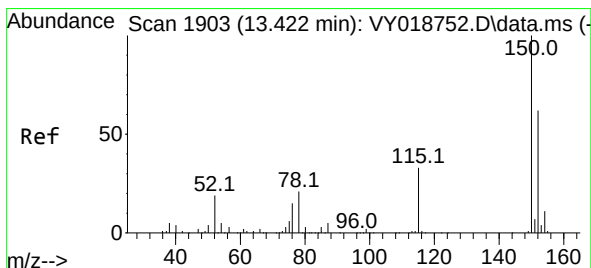
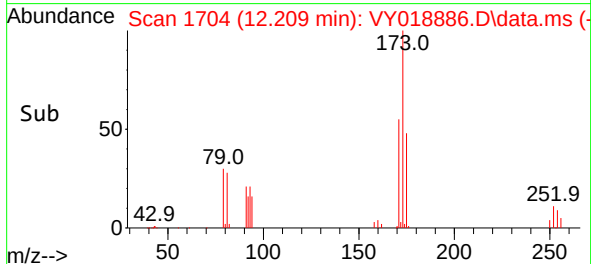
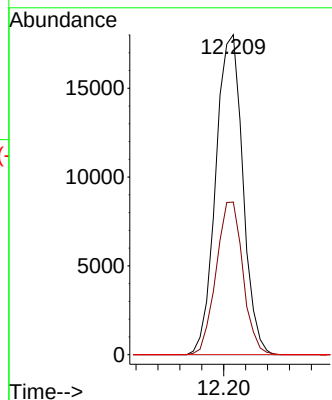
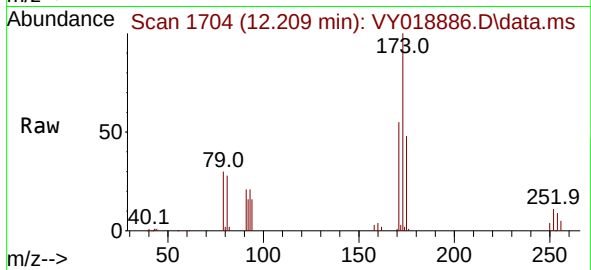
Tgt Ion:173 Resp: 30927

Ion Ratio Lower Upper

173 100

175 47.2 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: VY018886.D

Acq: 22 Jul 2024 10:27

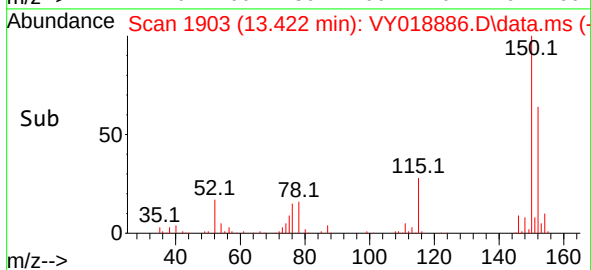
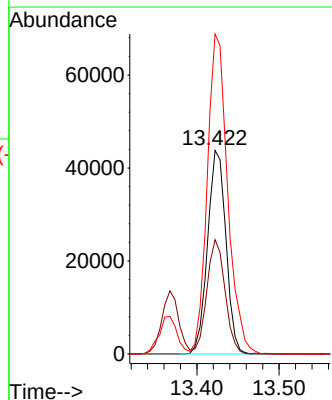
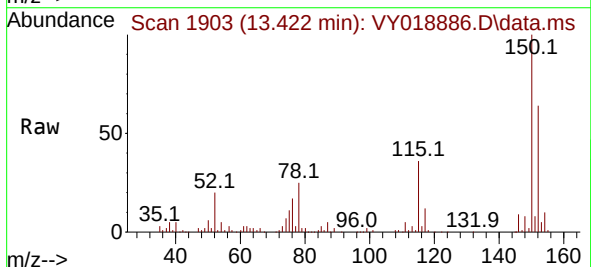
Tgt Ion:152 Resp: 68102

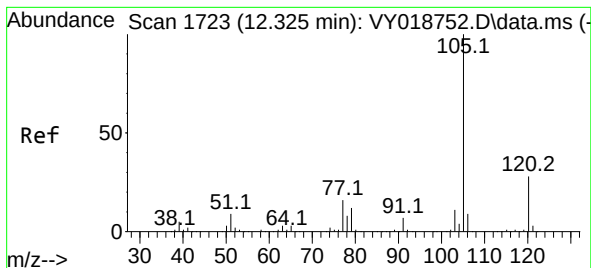
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 173.9 0.0 345.6





#73

Isopropylbenzene

Concen: 52.599 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

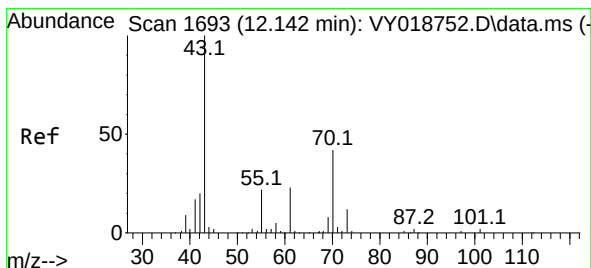
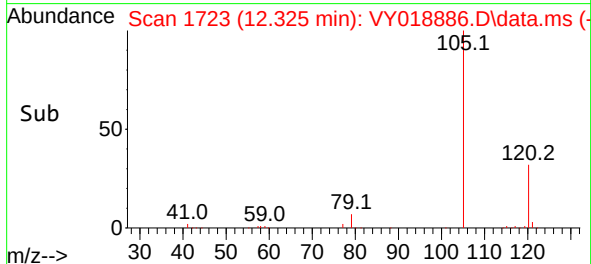
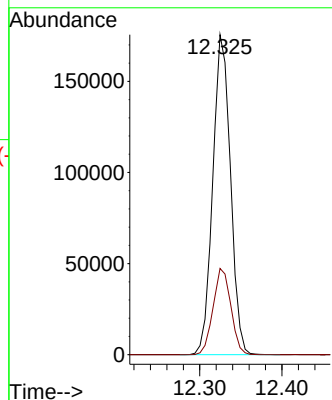
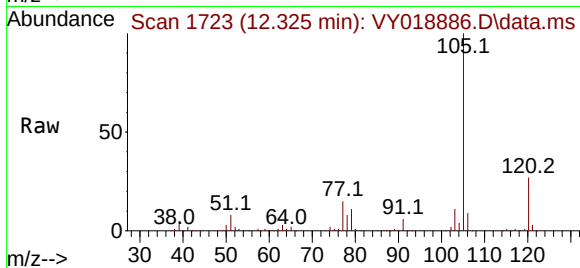
VSTDCCC050

Tgt Ion:105 Resp: 262161

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 51.233 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Tgt Ion: 43 Resp: 52222

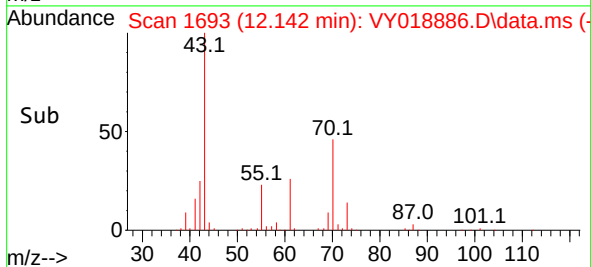
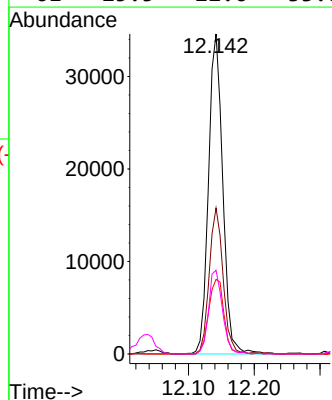
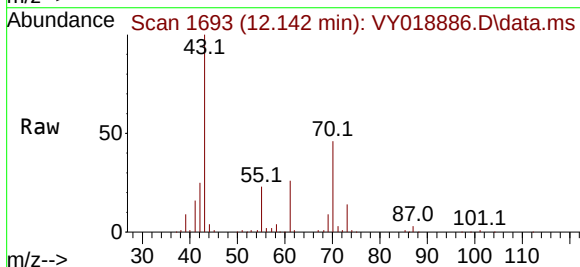
Ion Ratio Lower Upper

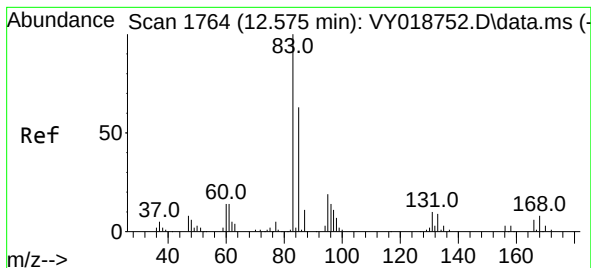
43 100

70 44.5 41.4 62.2

55 25.1 23.3 34.9

61 25.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.973 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

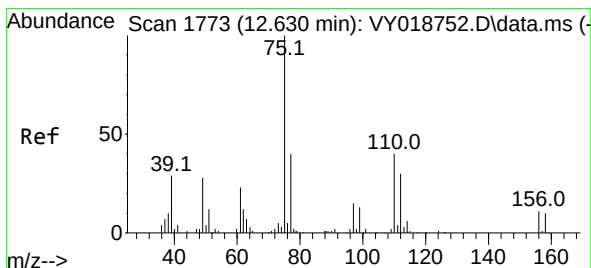
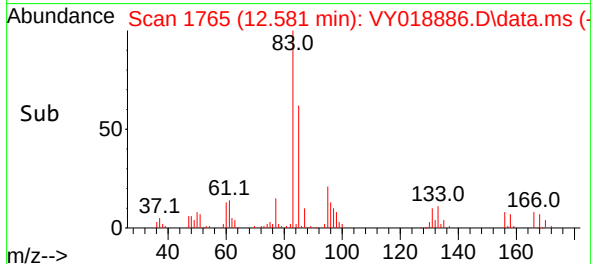
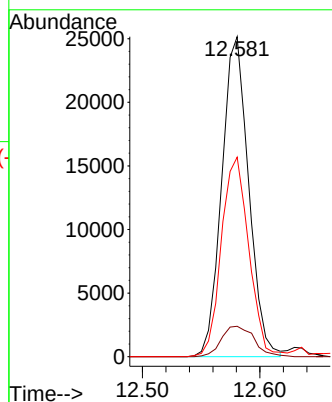
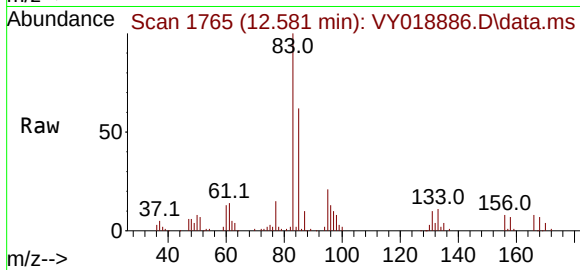
Tgt Ion: 83 Resp: 40051

Ion Ratio Lower Upper

83 100

131 11.6 5.0 14.9

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 50.044 ug/l m

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY018886.D

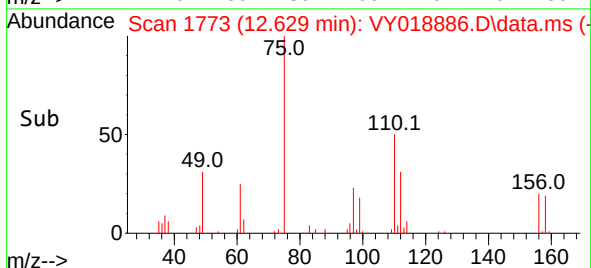
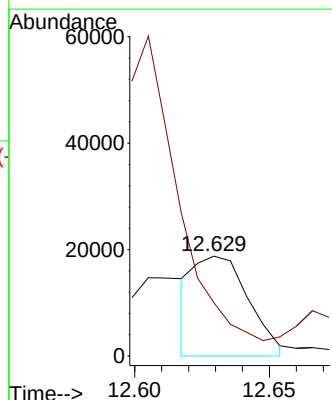
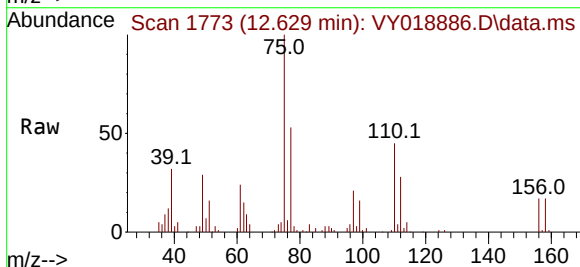
Acq: 22 Jul 2024 10:27

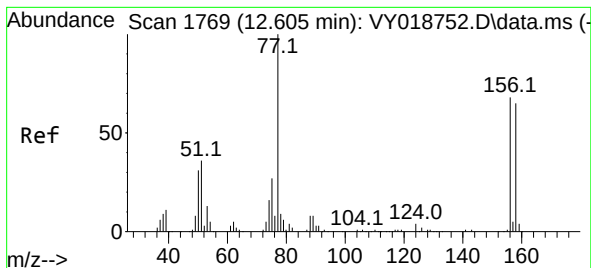
Tgt Ion: 75 Resp: 26693

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.839 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

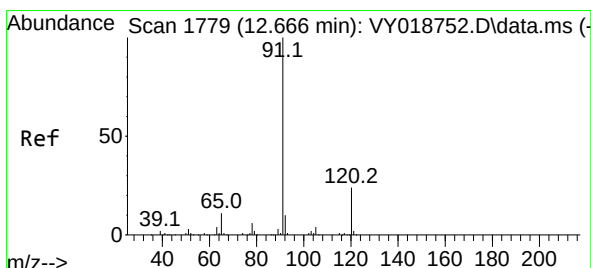
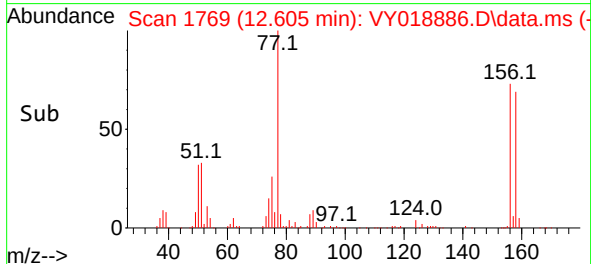
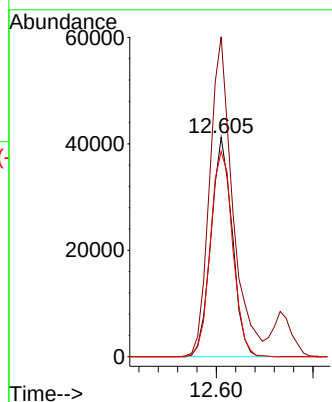
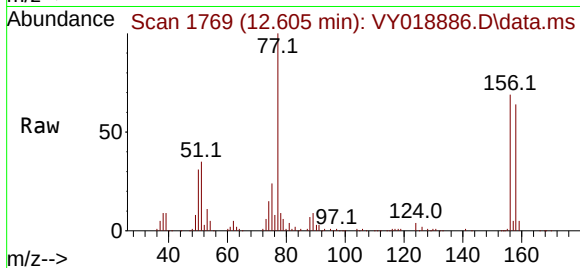
Tgt Ion:156 Resp: 62871

Ion Ratio Lower Upper

156 100

77 158.1 87.1 261.3

158 98.5 48.6 145.9



#78

n-propylbenzene

Concen: 50.635 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018886.D

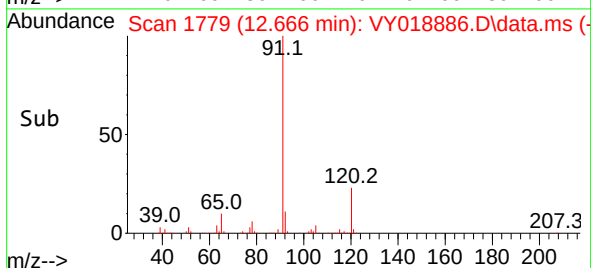
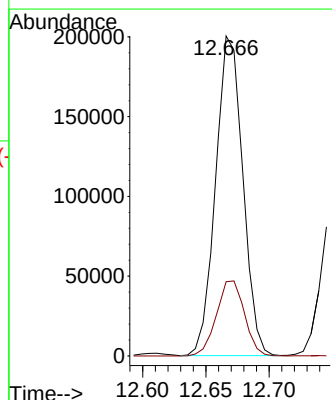
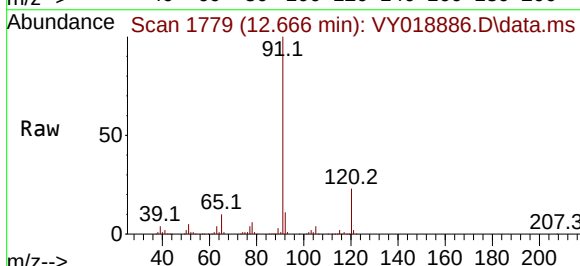
Acq: 22 Jul 2024 10:27

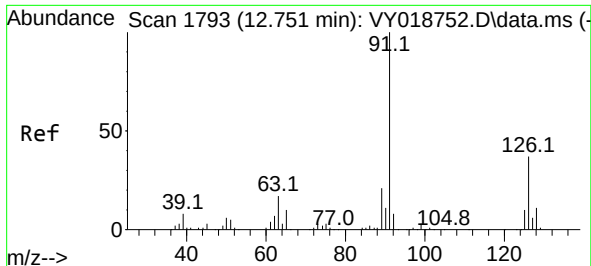
Tgt Ion: 91 Resp: 299699

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

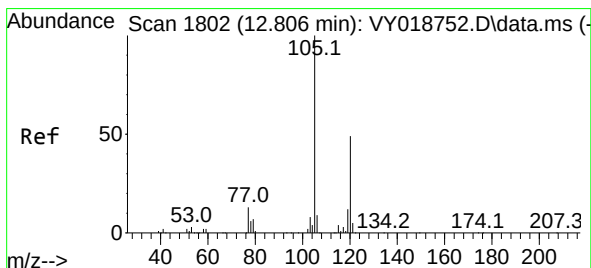
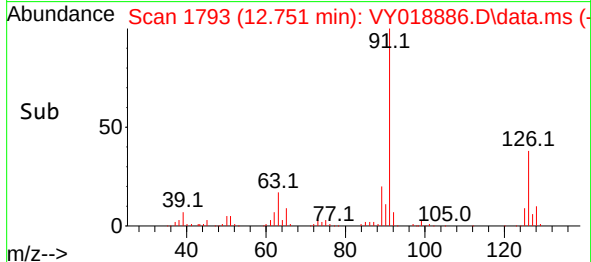
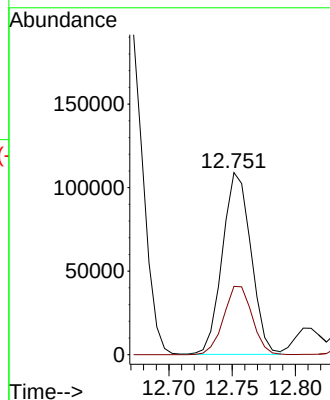
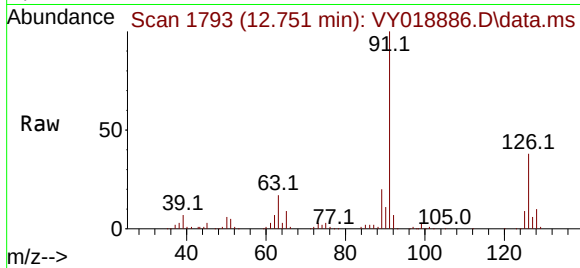




#79
2-Chlorotoluene
Concen: 51.503 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

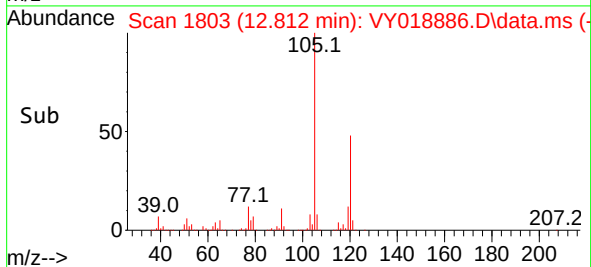
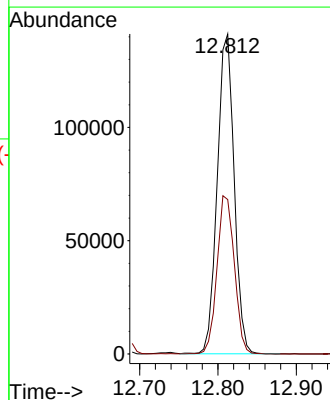
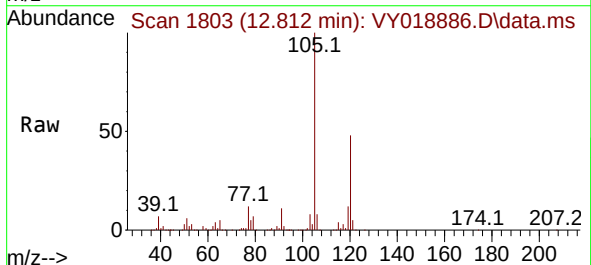
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

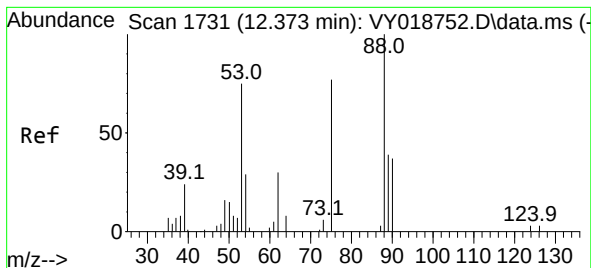
Tgt Ion: 91 Resp: 171408
Ion Ratio Lower Upper
91 100
126 37.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 51.866 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 105 Resp: 211517
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.2

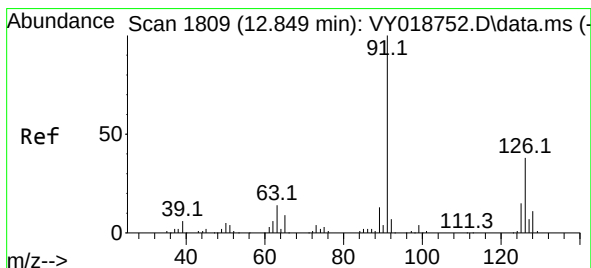
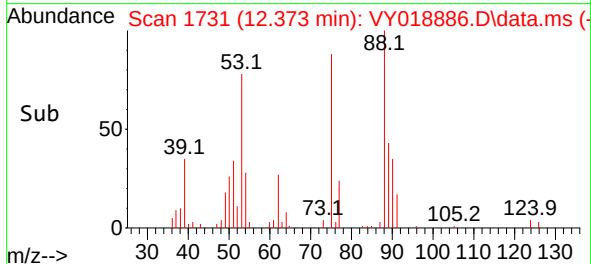
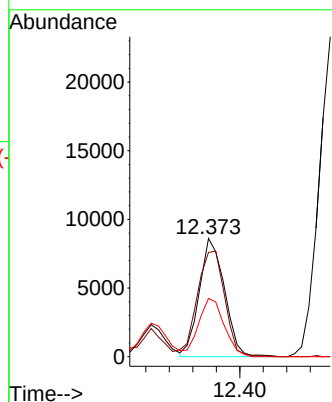
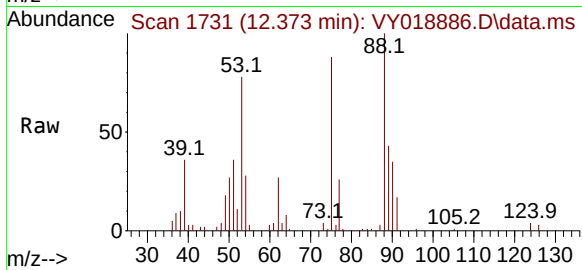




#81
trans-1,4-Dichloro-2-butene
Concen: 54.094 ug/l
RT: 12.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

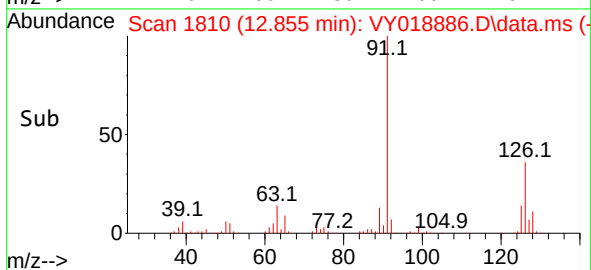
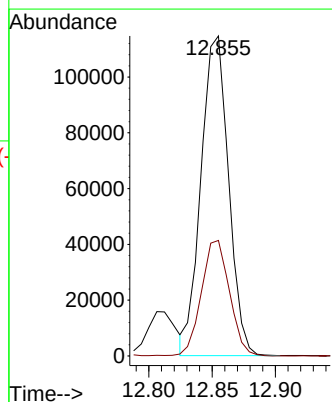
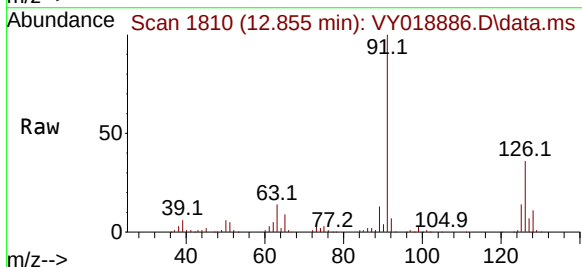
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

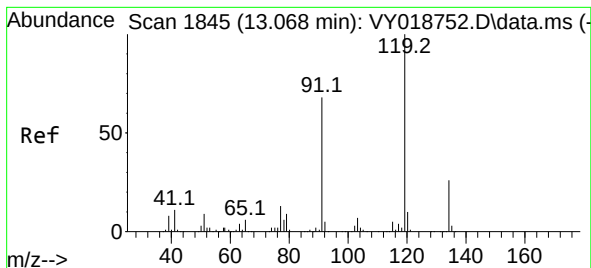
Tgt Ion: 75 Resp: 12892
Ion Ratio Lower Upper
75 100
53 97.4 66.8 100.2
89 50.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 50.775 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 91 Resp: 174007
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 52.460 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

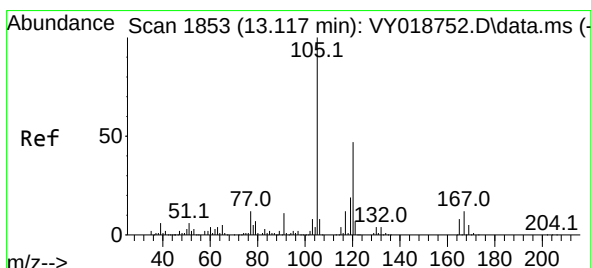
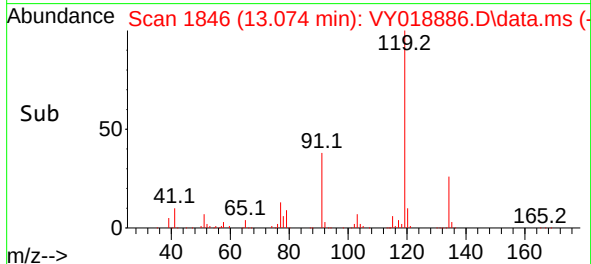
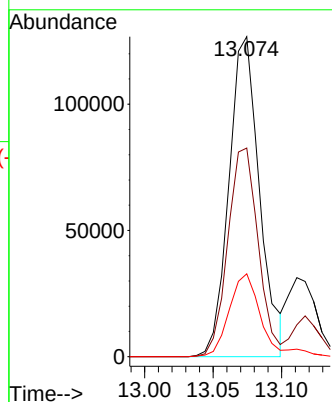
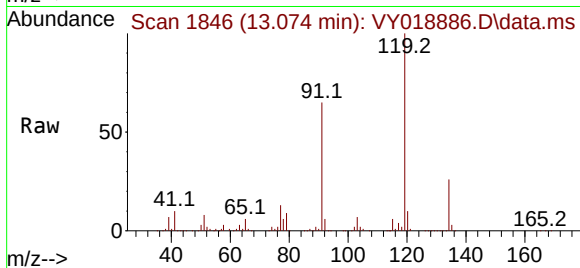
Tgt Ion:119 Resp: 197513

Ion Ratio Lower Upper

119 100

91 64.6 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.011 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018886.D

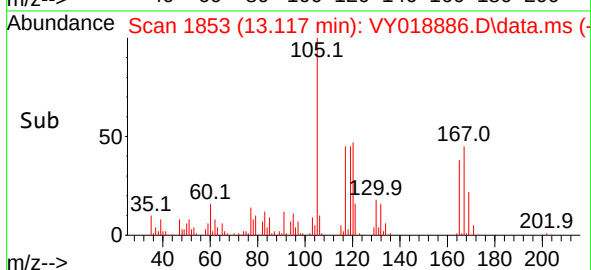
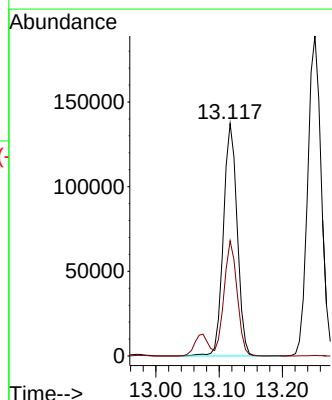
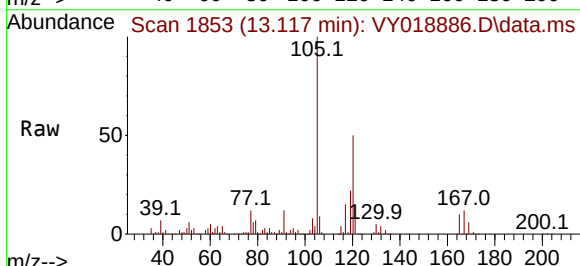
Acq: 22 Jul 2024 10:27

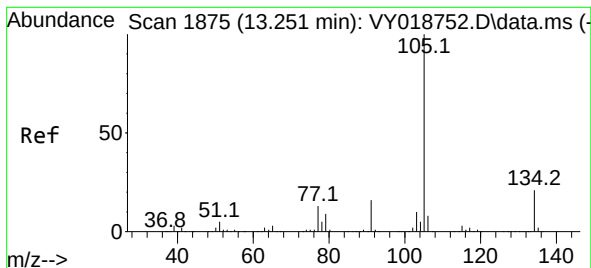
Tgt Ion:105 Resp: 206721

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.345 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

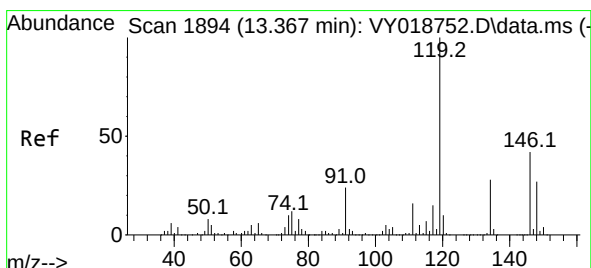
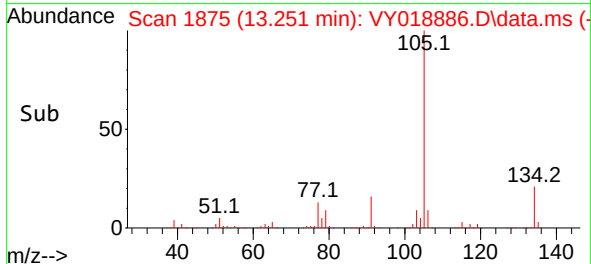
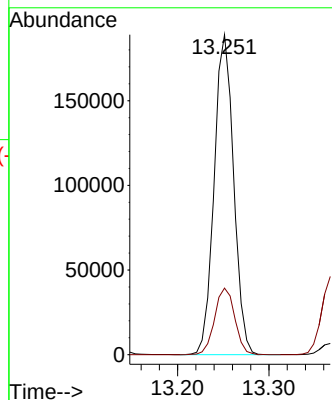
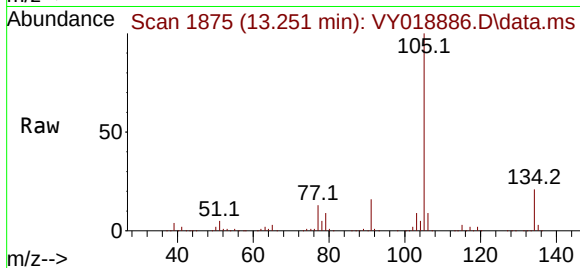
VSTDCCC050

Tgt Ion:105 Resp: 279739

Ion Ratio Lower Upper

105 100

134 21.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.602 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

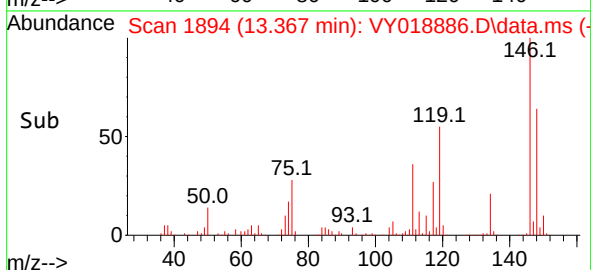
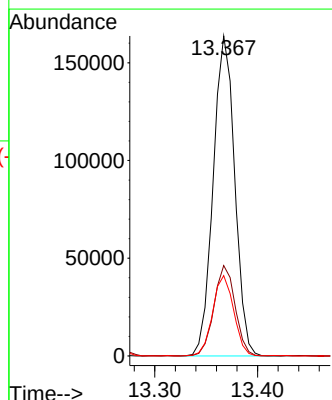
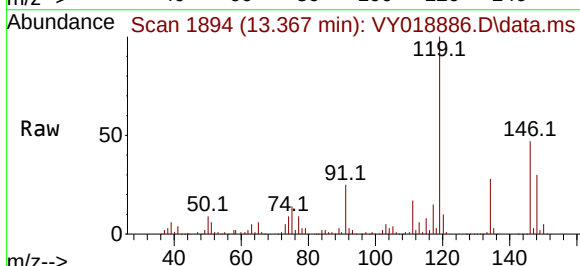
Tgt Ion:119 Resp: 238074

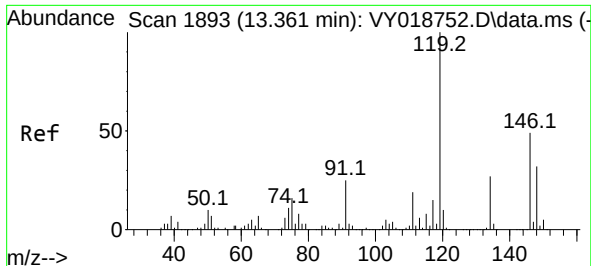
Ion Ratio Lower Upper

119 100

134 27.8 13.1 39.3

91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.062 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

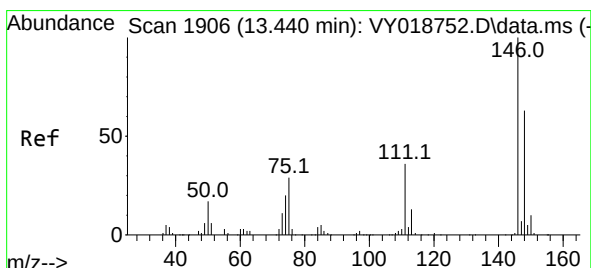
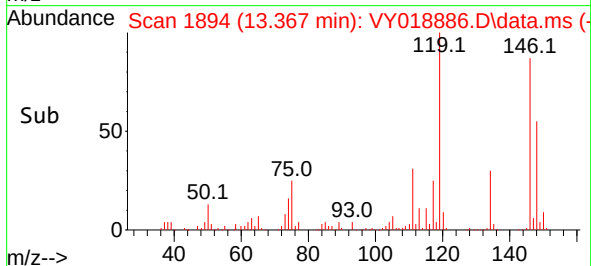
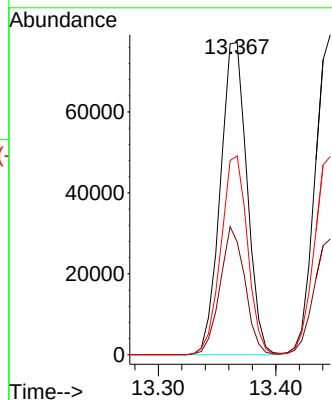
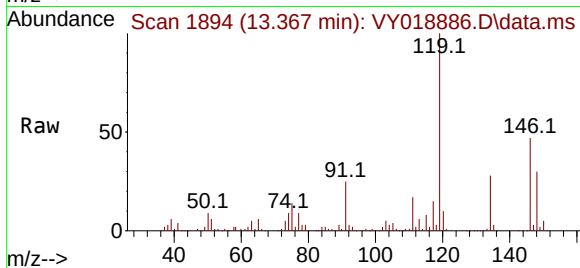
Tgt Ion:146 Resp: 121667

Ion Ratio Lower Upper

146 100

111 38.4 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.732 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

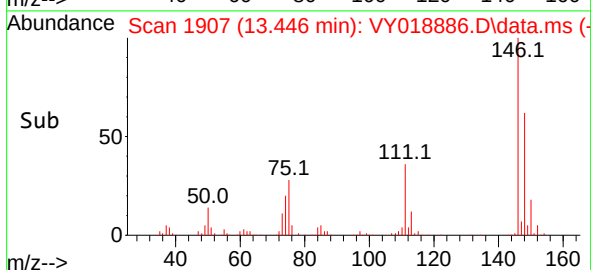
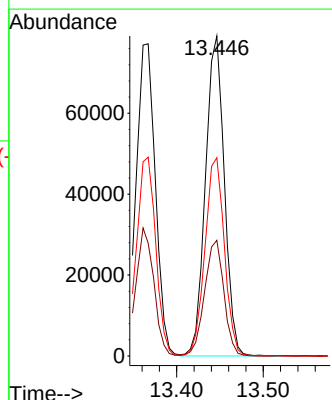
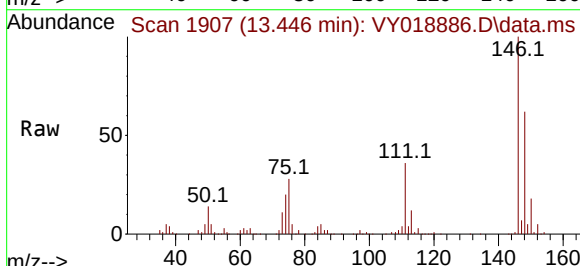
Tgt Ion:146 Resp: 119822

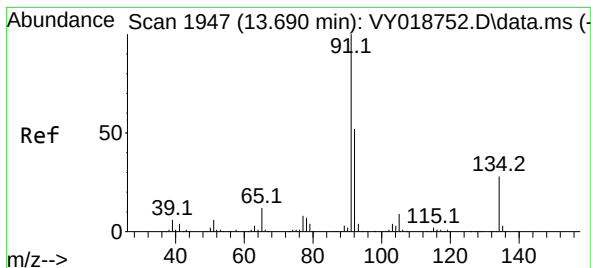
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.4

148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 50.777 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

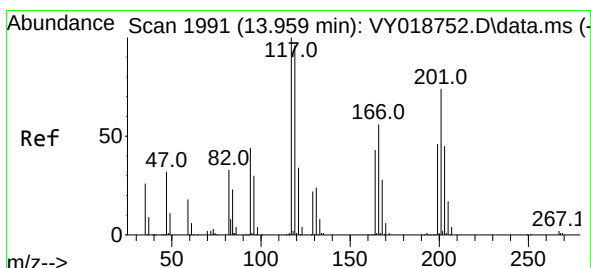
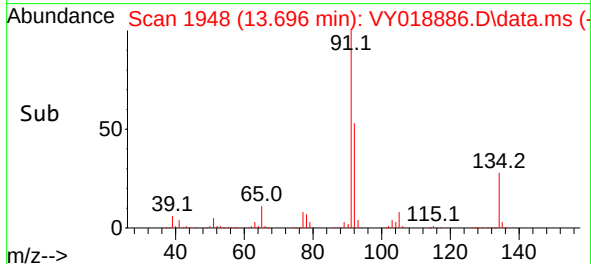
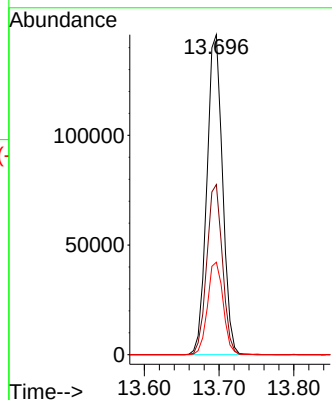
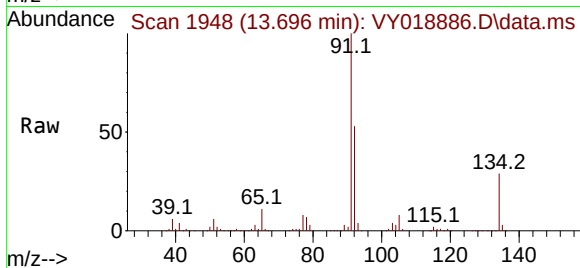
Tgt Ion: 91 Resp: 212383

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

134 28.9 12.9 38.7



#90

Hexachloroethane

Concen: 52.363 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018886.D

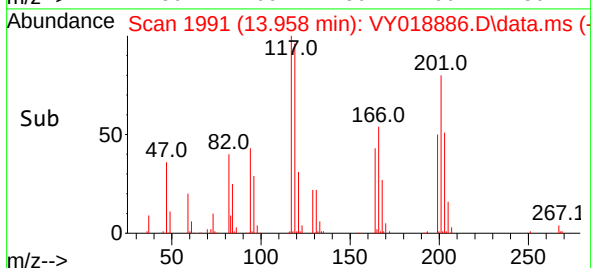
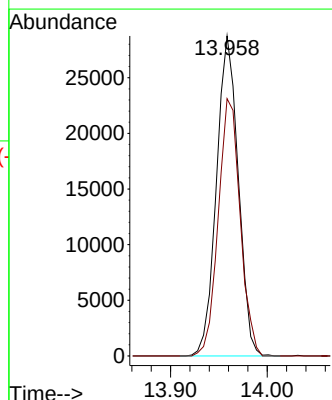
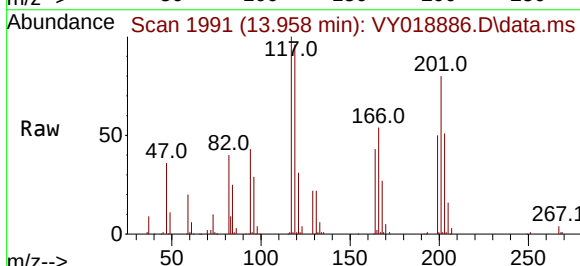
Acq: 22 Jul 2024 10:27

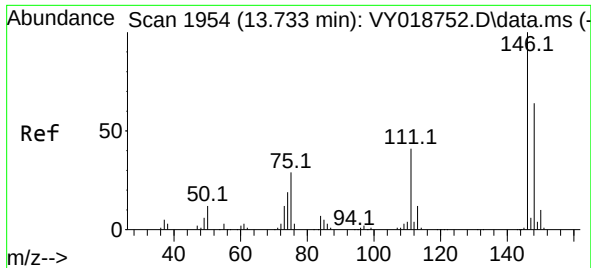
Tgt Ion: 117 Resp: 44928

Ion Ratio Lower Upper

117 100

201 80.7 37.4 112.2

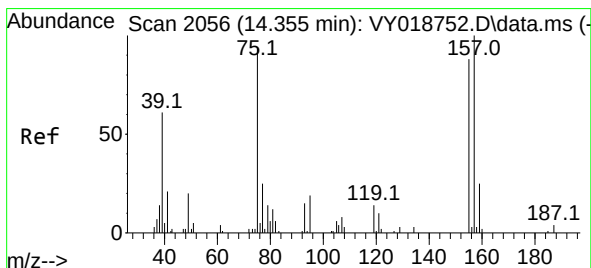
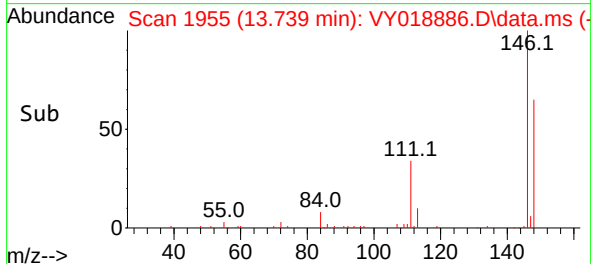
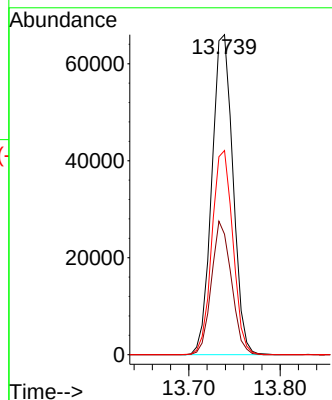
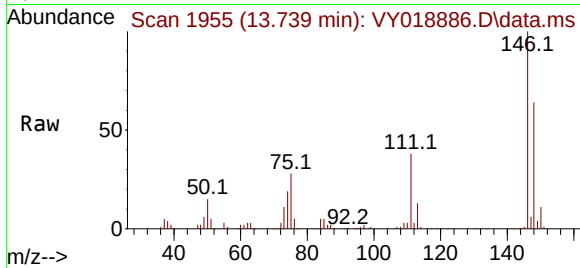




#91
1,2-Dichlorobenzene
Concen: 52.396 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

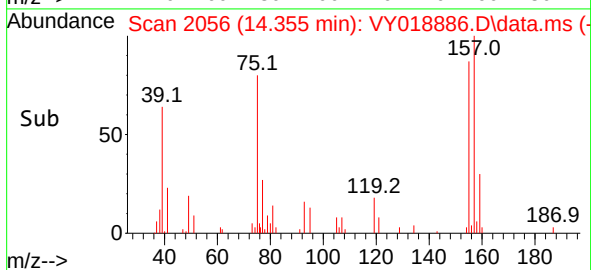
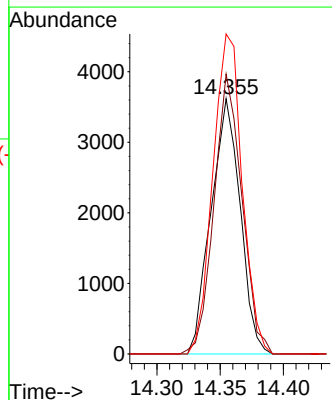
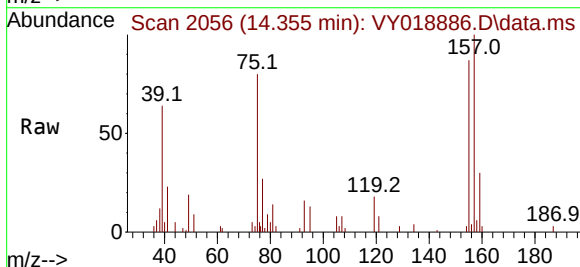
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

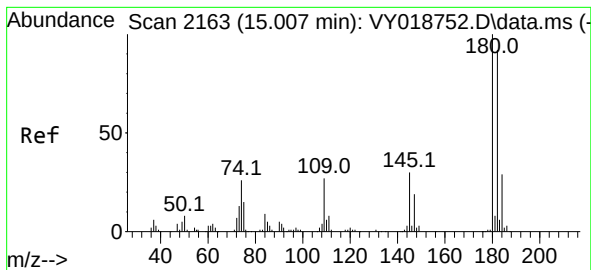
Tgt Ion:146 Resp: 105772
Ion Ratio Lower Upper
146 100
111 39.4 19.9 59.7
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.477 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY018886.D
Acq: 22 Jul 2024 10:27

Tgt Ion: 75 Resp: 5790
Ion Ratio Lower Upper
75 100
155 105.2 48.6 145.8
157 126.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 52.161 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

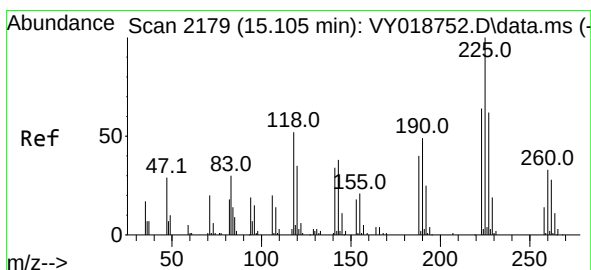
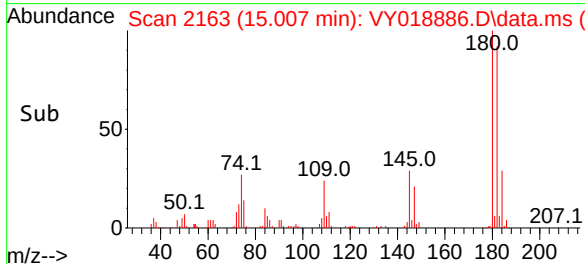
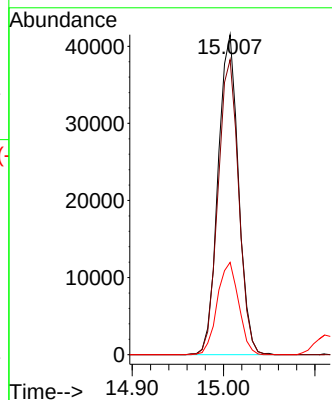
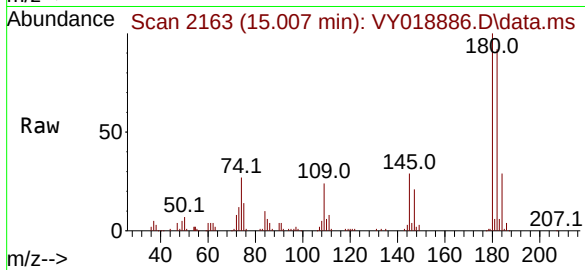
Tgt Ion:180 Resp: 64278

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.8

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.238 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

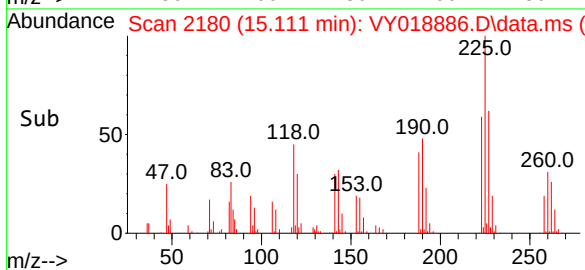
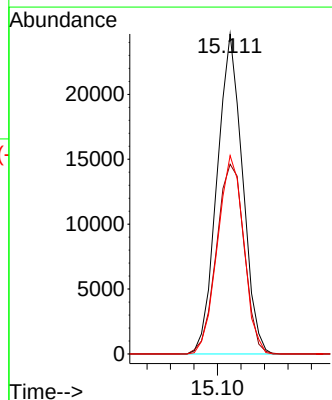
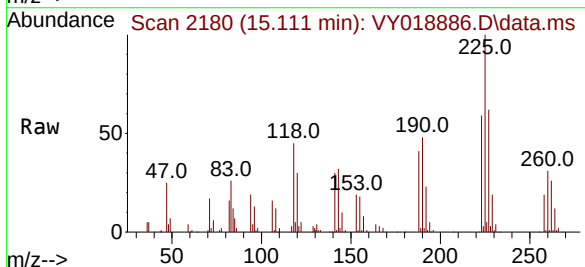
Tgt Ion:225 Resp: 37104

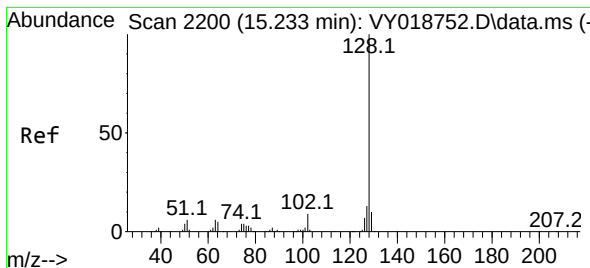
Ion Ratio Lower Upper

225 100

223 64.7 30.4 91.2

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 50.357 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

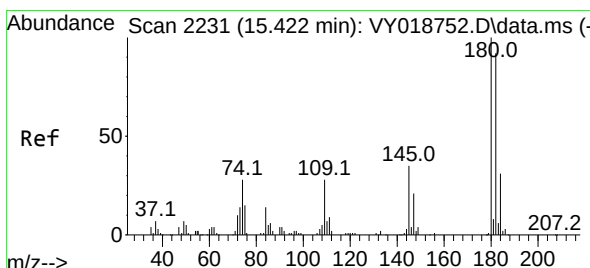
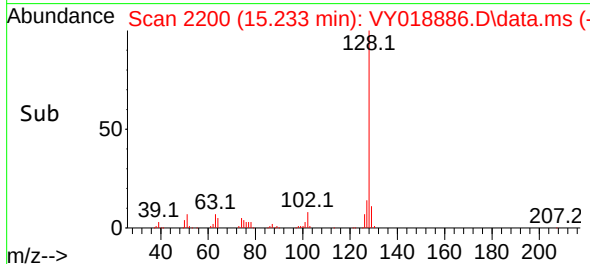
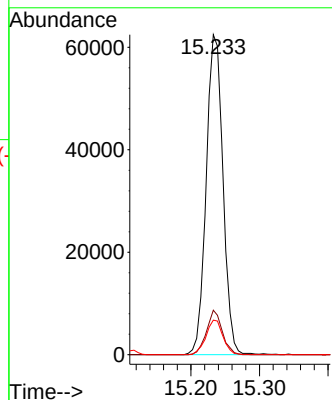
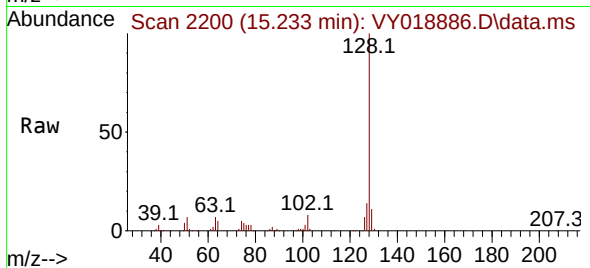
Tgt Ion:128 Resp: 106455

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.120 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018886.D

Acq: 22 Jul 2024 10:27

Tgt Ion:180 Resp: 54954

Ion Ratio Lower Upper

180 100

182 90.8 47.6 142.9

145 30.3 15.4 46.1

