

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018914.D
 Acq On : 25 Jul 2024 13:39
 Operator : SY/MD
 Sample : VY0725SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 02:58:38 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	7.801	168	95941	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	145273	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.556	117	127344	50.000	ug/l	0.07
72) 1,4-Dichlorobenzene-d4	13.532	152	61103	50.000	ug/l	0.11

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	41588	44.051	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.100%
35) Dibromofluoromethane	7.722	113	43922	48.273	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.227	98	153848	44.631	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.569	95	51615	43.845	ug/l	0.09
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	12994	16.163	ug/l	96
3) Chloromethane	2.107	50	19028	15.576	ug/l	100
4) Vinyl Chloride	2.241	62	22340	15.632	ug/l	98
5) Bromomethane	2.631	94	17862	18.171	ug/l	90
6) Chloroethane	2.778	64	15868	17.091	ug/l	92
7) Trichlorofluoromethane	3.101	101	36479	19.534	ug/l	97
8) Diethyl Ether	3.509	74	8905	19.565	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.875	101	19149	19.986	ug/l	94
10) Methyl Iodide	4.070	142	16908	16.387	ug/l	93
11) Tert butyl alcohol	4.917	59	11139	116.473	ug/l	98
12) 1,1-Dichloroethene	3.857	96	16840	18.168	ug/l	89
13) Acrolein	3.716	56	4431	57.829	ug/l	95
14) Allyl chloride	4.454	41	20731	18.053	ug/l	94
15) Acrylonitrile	5.137	53	19135	106.567	ug/l	97
16) Acetone	3.936	43	14839	85.256	ug/l #	85
17) Carbon Disulfide	4.174	76	36930	14.229	ug/l	99
18) Methyl Acetate	4.466	43	10937	21.626	ug/l	98
19) Methyl tert-butyl Ether	5.198	73	43112	20.050	ug/l	98
20) Methylene Chloride	4.686	84	28693	26.807	ug/l	92
21) trans-1,2-Dichloroethene	5.186	96	18133	18.535	ug/l	97
22) Diisopropyl ether	6.106	45	48531	19.429	ug/l #	90
23) Vinyl Acetate	6.045	43	184851	93.933	ug/l	99
24) 1,1-Dichloroethane	6.003	63	30968	19.418	ug/l	97
25) 2-Butanone	6.984	43	24117	98.851	ug/l	94
26) 2,2-Dichloropropane	6.972	77	26388	17.832	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	22030	19.342	ug/l	95
28) Bromochloromethane	7.326	49	13415	20.943	ug/l	96
29) Tetrahydrofuran	7.344	42	15262	102.039	ug/l	95
30) Chloroform	7.508	83	35330	19.877	ug/l	90
31) Cyclohexane	7.789	56	24328	16.773	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	33028	19.983	ug/l	99
36) 1,1-Dichloropropene	7.929	75	24289	19.344	ug/l	96
37) Ethyl Acetate	7.069	43	10279	19.694	ug/l #	97
38) Carbon Tetrachloride	7.911	117	30481	20.155	ug/l	93
39) Methylcyclohexane	9.222	83	29866	18.560	ug/l	98
40) Benzene	8.179	78	71612	19.660	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	8826	29.661	ug/l #	37
42) 1,2-Dichloroethane	8.252	62	21384	20.968	ug/l	97
43) Isopropyl Acetate	8.295	43	20886	20.111	ug/l	96
44) Trichloroethene	8.972	130	21159	20.322	ug/l	99
45) 1,2-Dichloropropane	9.246	63	16136	20.343	ug/l	96
46) Dibromomethane	9.343	93	10723	20.856	ug/l	97
47) Bromodichloromethane	9.532	83	27641	21.520	ug/l	95
48) Methyl methacrylate	9.331	41	9116	19.312	ug/l #	92
49) 1,4-Dioxane	9.343	88	2753	456.783	ug/l #	86
51) 4-Methyl-2-Pentanone	10.118	43	54916	103.569	ug/l	93
52) Toluene	10.295	92	45808	18.921	ug/l	99
53) t-1,3-Dichloropropene	10.520	75	22455	20.248	ug/l	95
54) cis-1,3-Dichloropropene	9.977	75	25730	19.777	ug/l #	92
55) 1,1,2-Trichloroethane	10.697	97	13884	21.325	ug/l	95
56) Ethyl methacrylate	10.563	69	17456	20.365	ug/l #	85
57) 1,3-Dichloropropane	10.849	76	23533	21.804	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.825	63	43460	106.125	ug/l	90
59) 2-Hexanone	10.892	43	38031	102.523	ug/l	91
60) Dibromochloromethane	11.044	129	19352	21.633	ug/l	100
61) 1,2-Dibromoethane	11.148	107	13148	20.772	ug/l	100
64) Tetrachloroethene	10.776	164	21085	20.456	ug/l	93
65) Chlorobenzene	11.587	112	54056	20.123	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.660	131	19242	20.790	ug/l	97
67) Ethyl Benzene	11.660	91	92202	19.593	ug/l	97
68) m/p-Xylenes	11.660	106	28980	15.693	ug/l #	17
69) o-Xylene	12.105	106	33760	19.445	ug/l	97
70) Styrene	12.123	104	56515	19.509	ug/l	97
71) Bromoform	12.288	173	11576	22.946	ug/l #	97
73) Isopropylbenzene	12.410	105	90507	20.239	ug/l	99
74) N-amyl acetate	12.221	43	18051	19.738	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.672	83	14862	21.082	ug/l	99
76) 1,2,3-Trichloropropane	12.569	75	28238	59.005	ug/l #	100
77) Bromobenzene	12.697	156	22349	20.934	ug/l	91
78) n-propylbenzene	12.764	91	104636	19.704	ug/l	96
79) 2-Chlorotoluene	12.849	91	59302	19.860	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	72604	19.843	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.416	75	1247	5.832	ug/l #	66
82) 4-Chlorotoluene	12.849	91	59302	19.286	ug/l	97
83) tert-Butylbenzene	13.172	119	68168	20.179	ug/l	99
84) 1,2,4-Trimethylbenzene	13.221	105	72964	20.067	ug/l	99
85) sec-Butylbenzene	13.355	105	98991	20.645	ug/l	97
86) p-Isopropyltoluene	13.471	119	81543	19.699	ug/l	95
87) 1,3-Dichlorobenzene	13.471	146	42618	20.326	ug/l	99
88) 1,4-Dichlorobenzene	13.471	146	42618	20.508	ug/l	97
89) n-Butylbenzene	13.806	91	71402	19.026	ug/l	98
90) Hexachloroethane	14.074	117	15824	20.555	ug/l	97
91) 1,2-Dichlorobenzene	13.849	146	39130	21.604	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	2249	19.688	ug/l	95
93) 1,2,4-Trichlorobenzene	15.153	180	21842	19.755	ug/l	96
94) Hexachlorobutadiene	15.263	225	13970	21.921	ug/l	99
95) Naphthalene	15.391	128	37279	19.654	ug/l	98
96) 1,2,3-Trichlorobenzene	15.592	180	18487	19.542	ug/l	96

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QLast Update : Tue Jul 09 14:28:51 2024
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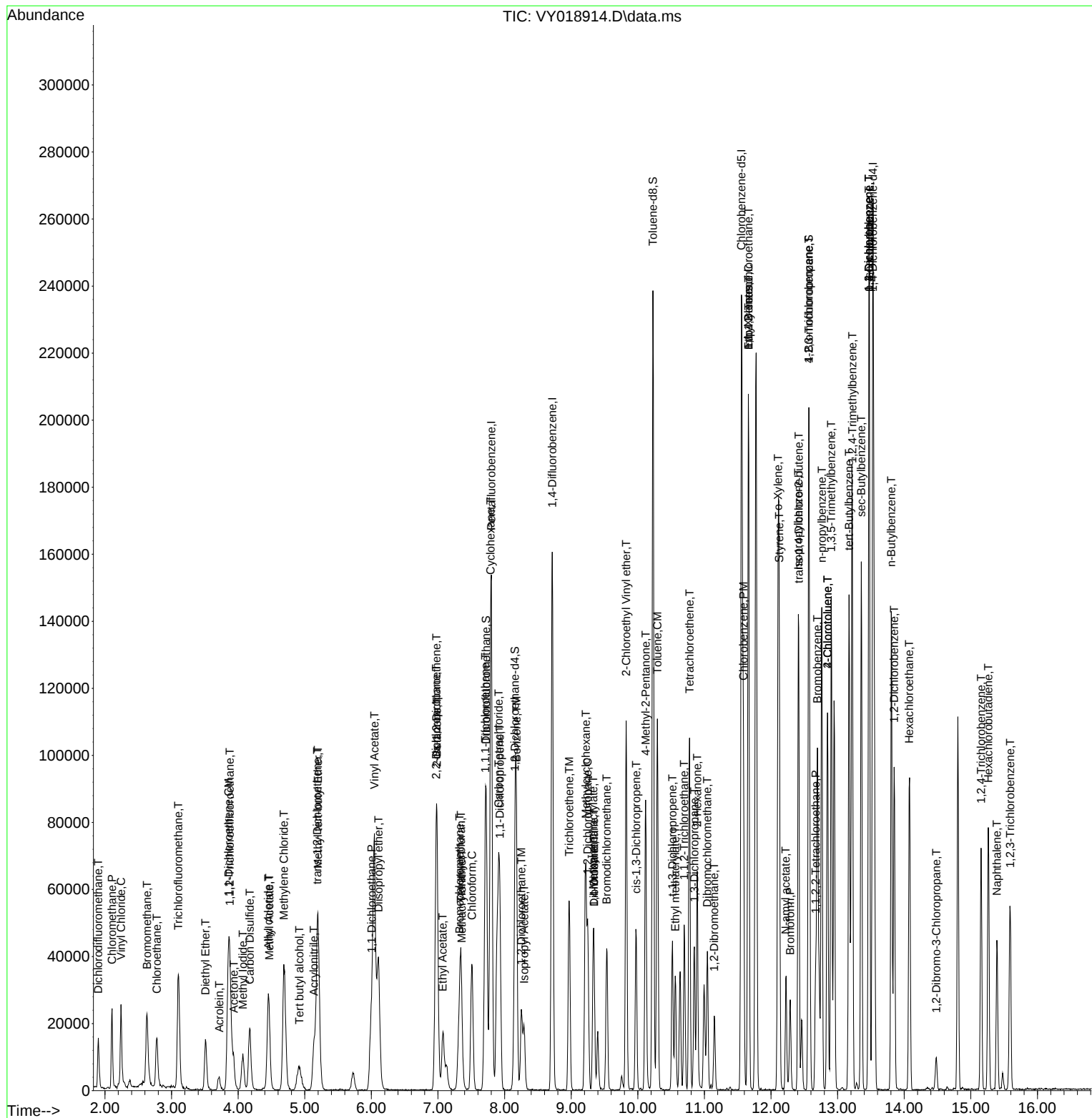
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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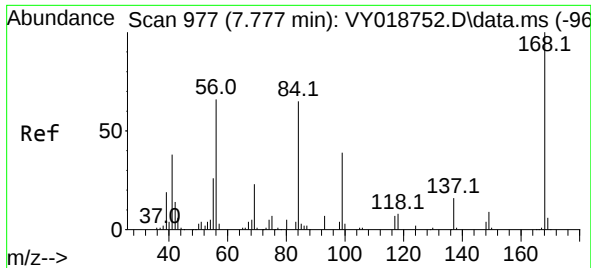
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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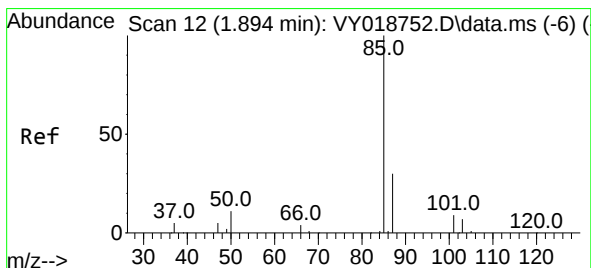
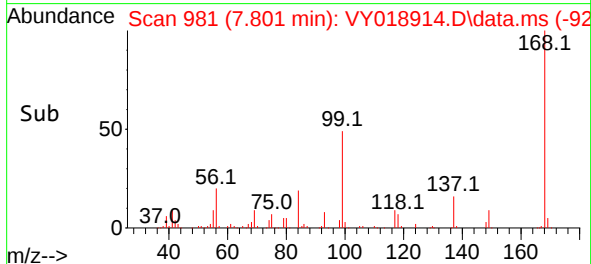
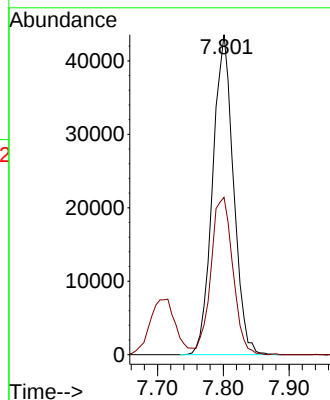
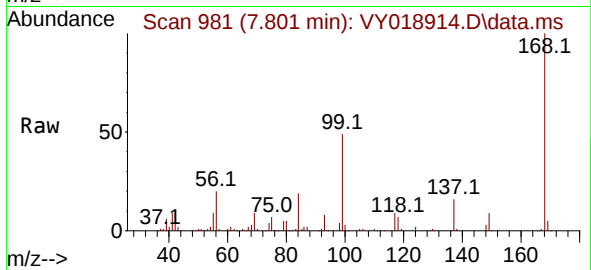




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.024 min
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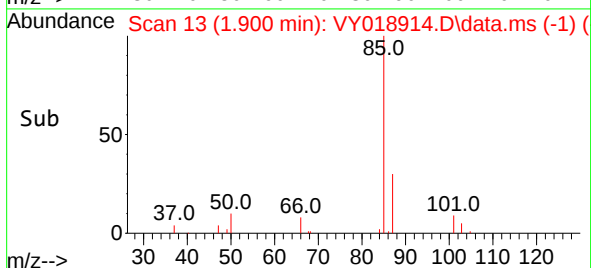
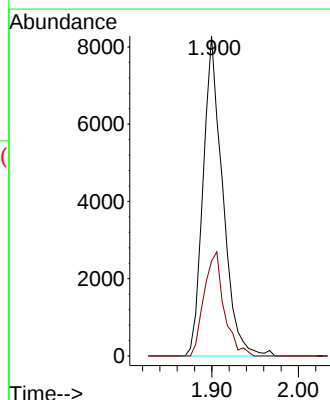
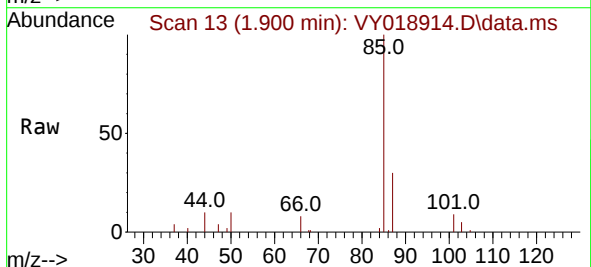
Instrument :
MSVOA_Y
ClientSampleId :

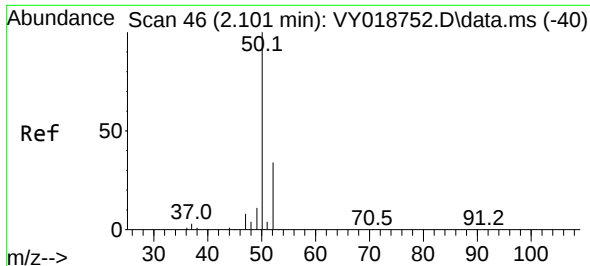
Tgt Ion:168 Resp: 95941
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 16.163 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 85 Resp: 12994
Ion Ratio Lower Upper
85 100
87 29.7 16.0 48.0

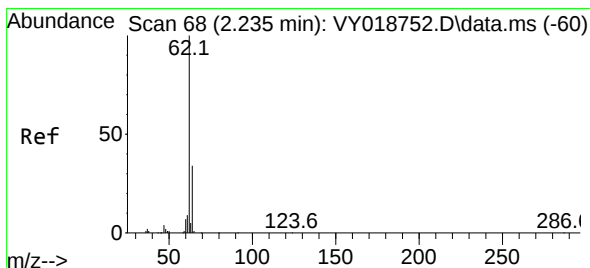
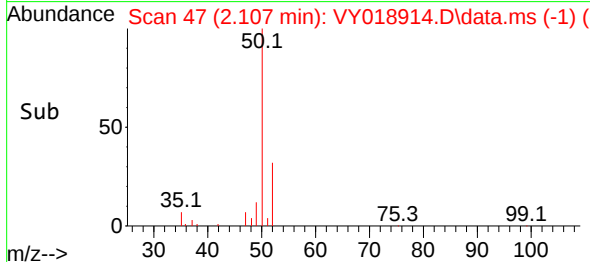
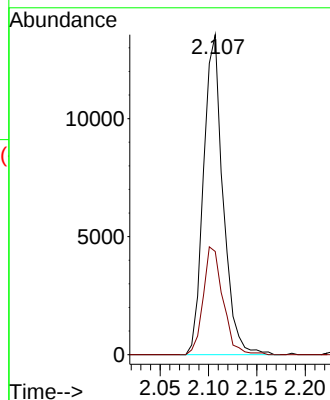
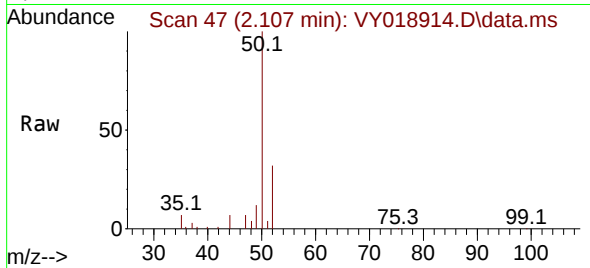




#3
Chloromethane
Concen: 15.576 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

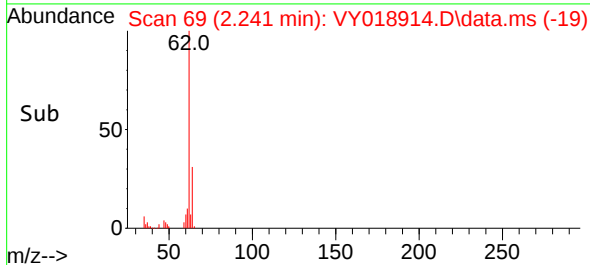
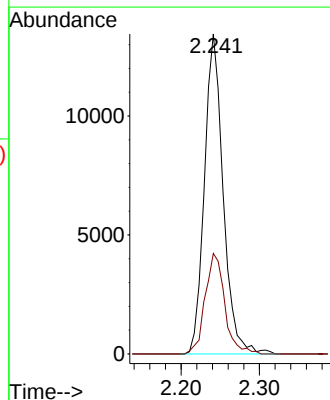
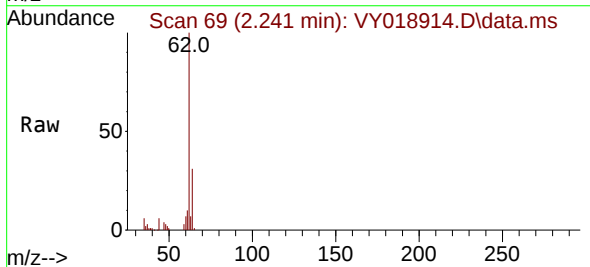
Instrument :
MSVOA_Y
ClientSampleId :

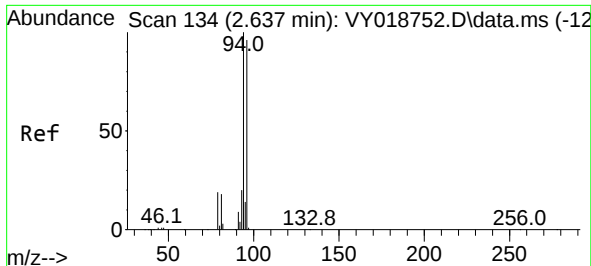
Tgt Ion: 50 Resp: 19028
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 15.632 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 62 Resp: 22340
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1

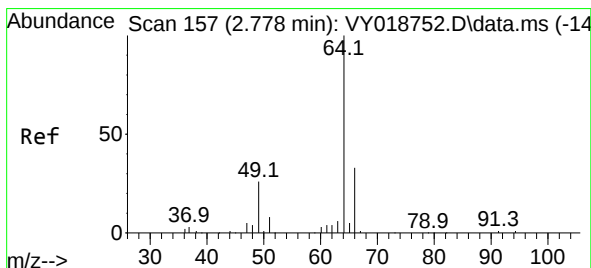
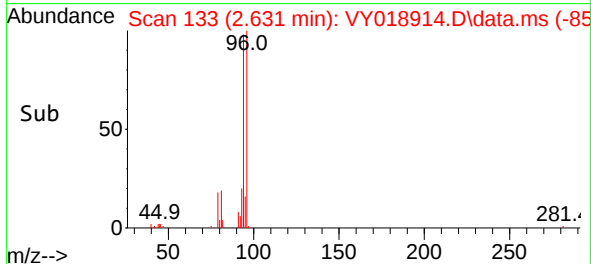
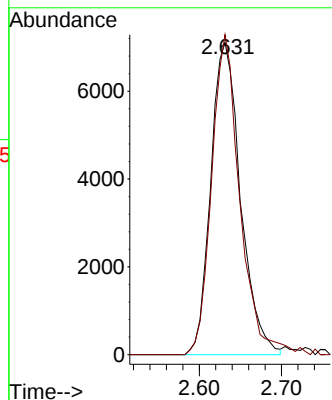
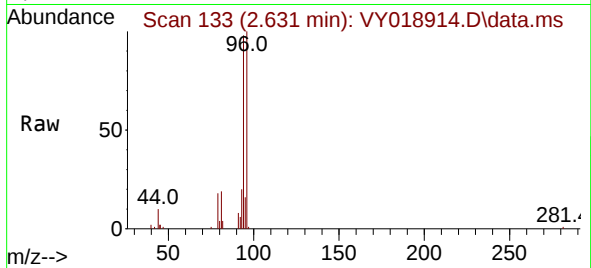




#5
Bromomethane
Concen: 18.171 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018914.D
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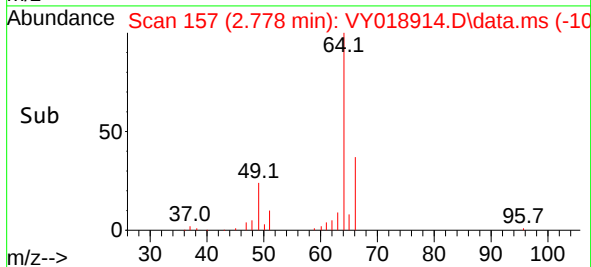
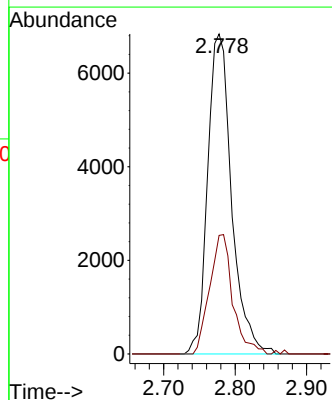
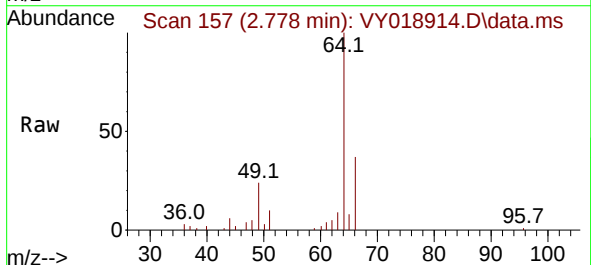
Instrument :
MSVOA_Y
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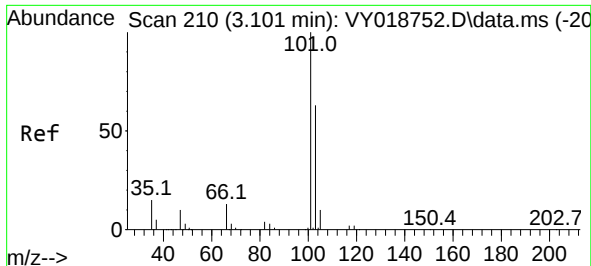
Tgt Ion: 94 Resp: 17862
Ion Ratio Lower Upper
94 100
96 102.5 74.1 111.1



#6
Chloroethane
Concen: 17.091 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.000 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 64 Resp: 15868
Ion Ratio Lower Upper
64 100
66 37.1 26.1 39.1

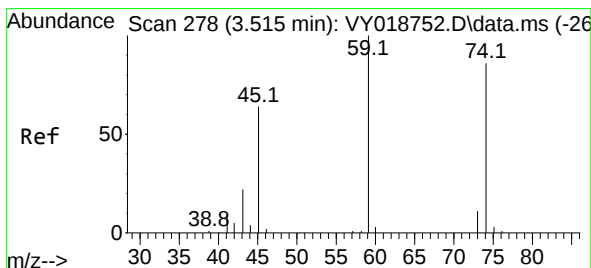
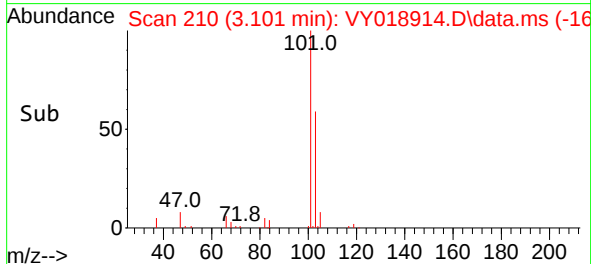
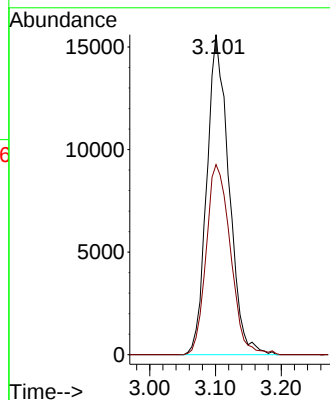
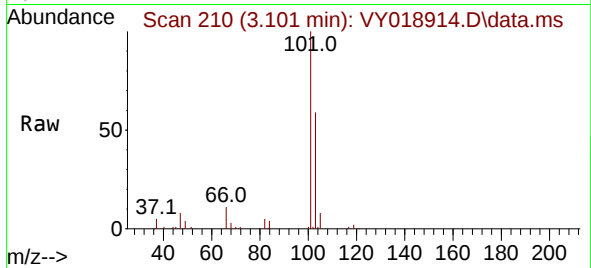




#7
Trichlorofluoromethane
Concen: 19.534 ug/l
RT: 3.101 min Scan# 210
Delta R.T. -0.000 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

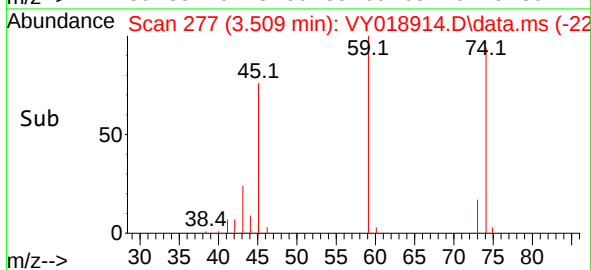
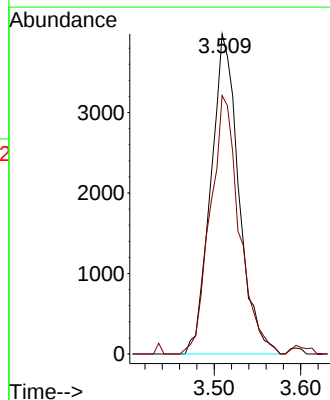
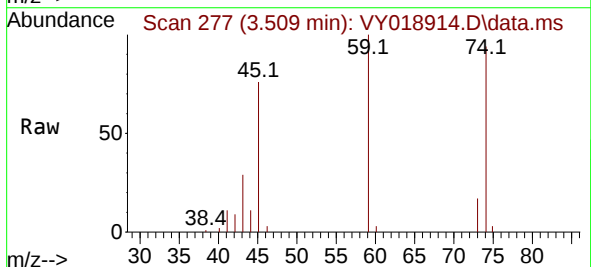
Instrument :
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ClientSampleId :

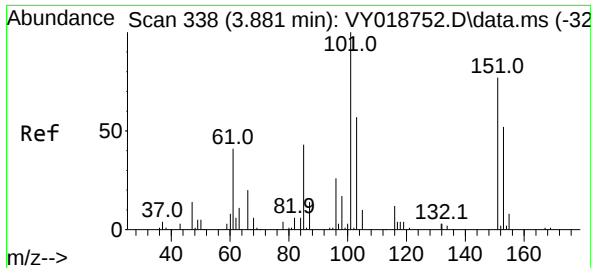
Tgt Ion:101 Resp: 36479
Ion Ratio Lower Upper
101 100
103 59.4 49.3 73.9



#8
Diethyl Ether
Concen: 19.565 ug/l
RT: 3.509 min Scan# 277
Delta R.T. -0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

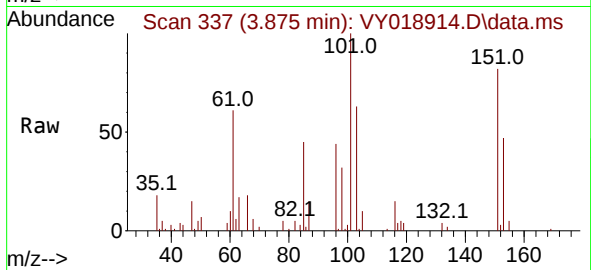
Tgt Ion: 74 Resp: 8905
Ion Ratio Lower Upper
74 100
45 84.1 41.3 124.1



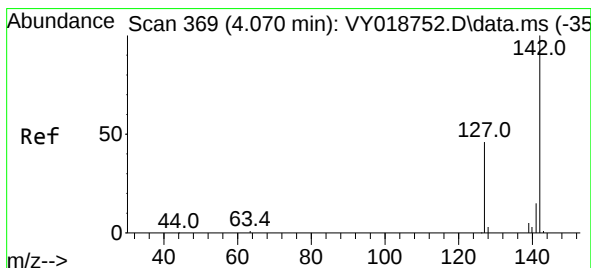
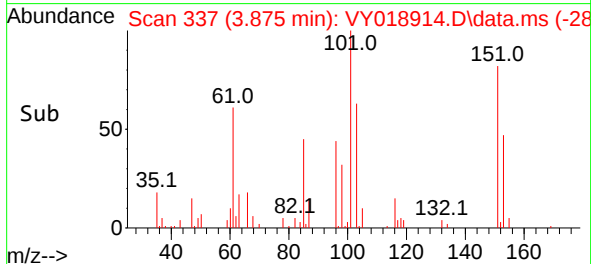
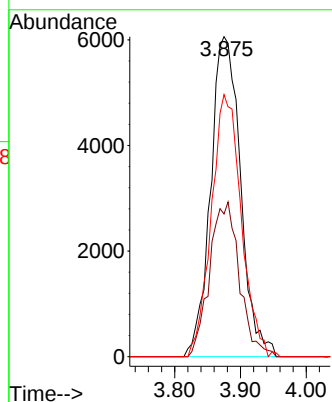


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.986 ug/l
RT: 3.875 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :

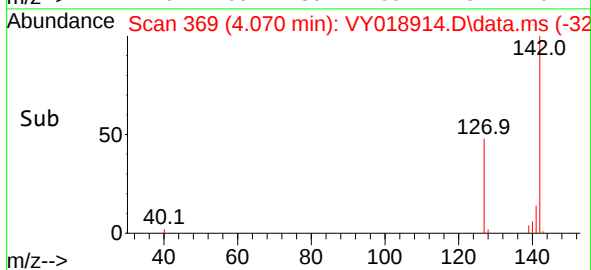
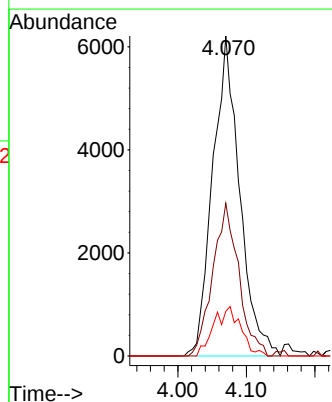
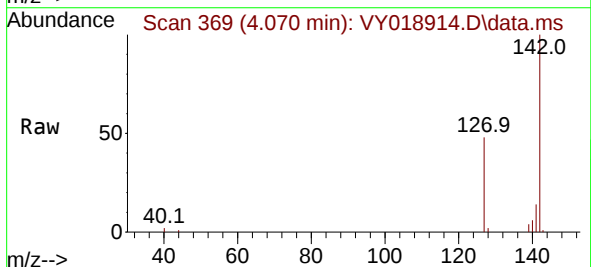


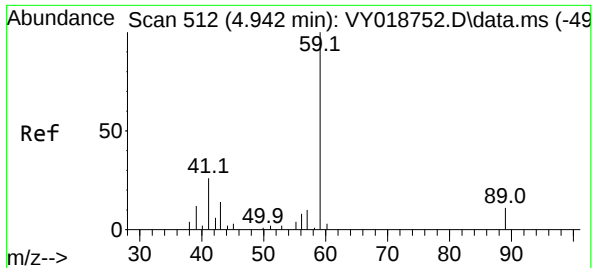
Tgt Ion:101 Resp: 19149
Ion Ratio Lower Upper
101 100
85 48.2 34.5 51.7
151 81.9 61.7 92.5



#10
Methyl Iodide
Concen: 16.387 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.000 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

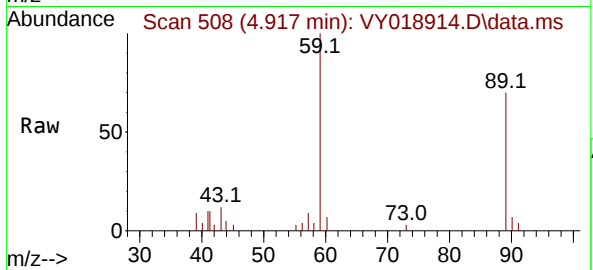
Tgt Ion:142 Resp: 16908
Ion Ratio Lower Upper
142 100
127 45.9 32.8 49.2
141 15.6 11.4 17.2



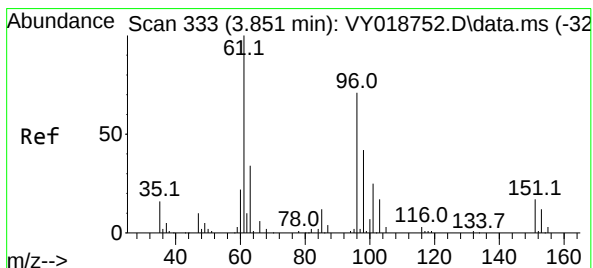
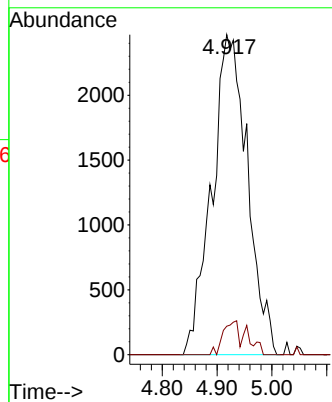
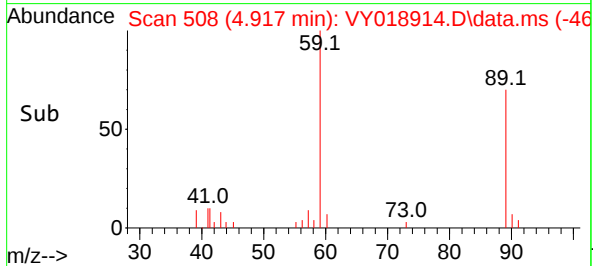


#11
Tert butyl alcohol
Concen: 116.473 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.025 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

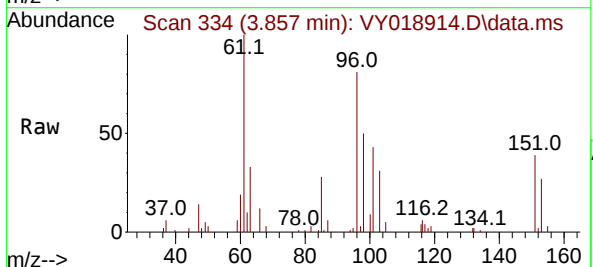
Instrument :
MSVOA_Y
ClientSampleId :



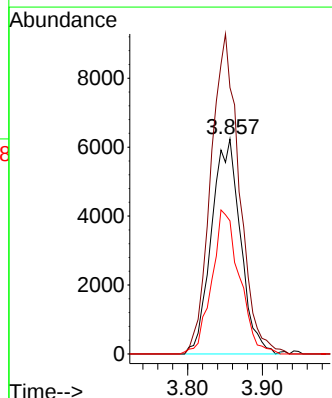
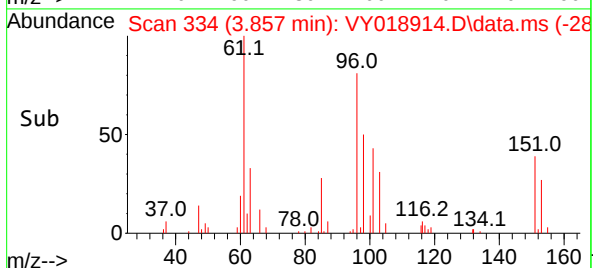
Tgt Ion: 59 Resp: 11139
Ion Ratio Lower Upper
59 100
57 4.5 3.0 4.6

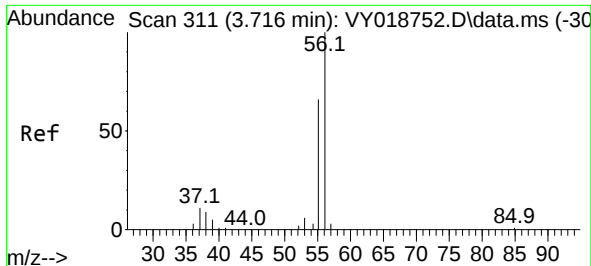


#12
1,1-Dichloroethene
Concen: 18.168 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39



Tgt Ion: 96 Resp: 16840
Ion Ratio Lower Upper
96 100
61 124.0 114.6 171.8
98 62.0 50.8 76.2

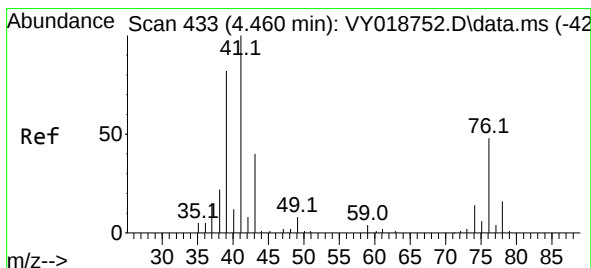
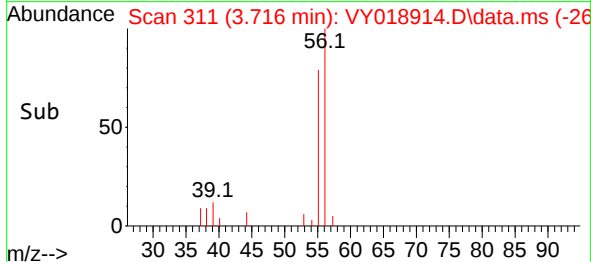
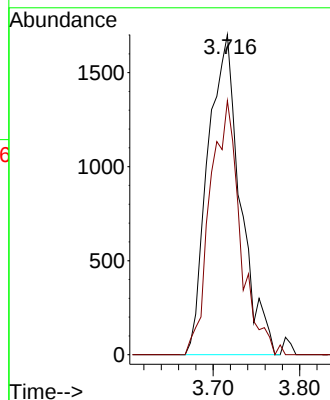
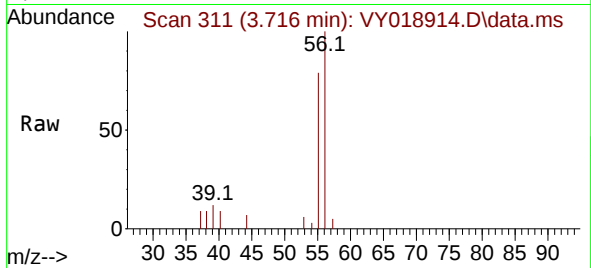




#13
Acrolein
Concen: 57.829 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

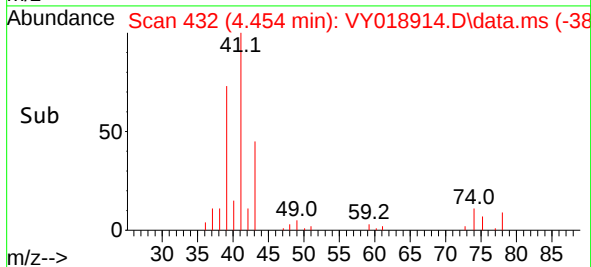
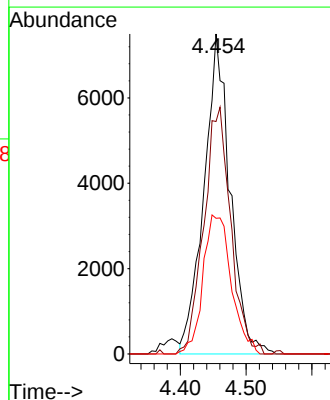
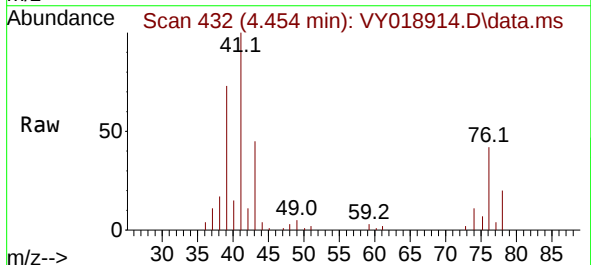
Instrument :
MSVOA_Y
ClientSampleId :

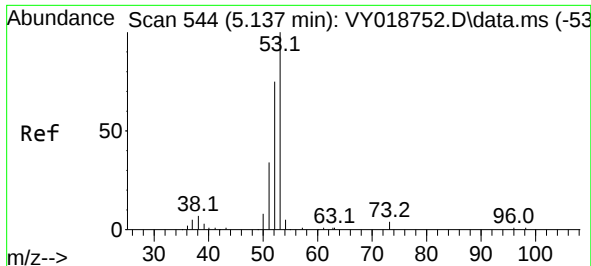
Tgt Ion: 56 Resp: 4431
Ion Ratio Lower Upper
56 100
55 74.1 55.7 83.5



#14
Allyl chloride
Concen: 18.053 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 41 Resp: 20731
Ion Ratio Lower Upper
41 100
39 79.3 58.3 87.5
76 47.0 39.0 58.6





#15

Acrylonitrile

Concen: 106.567 ug/l

RT: 5.137 min Scan# 544

Delta R.T. -0.000 min

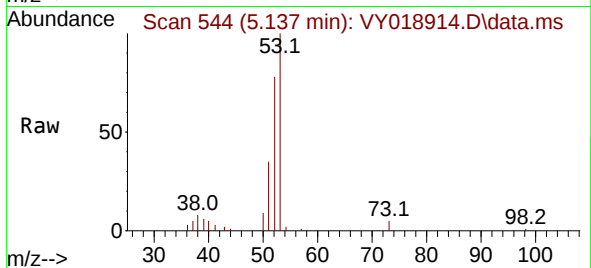
Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

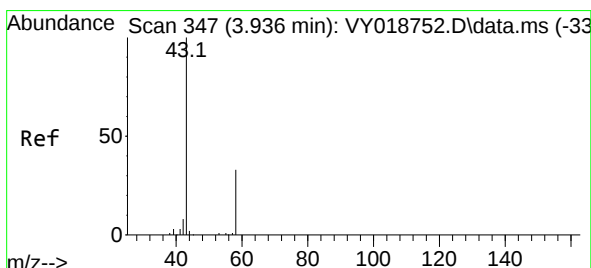
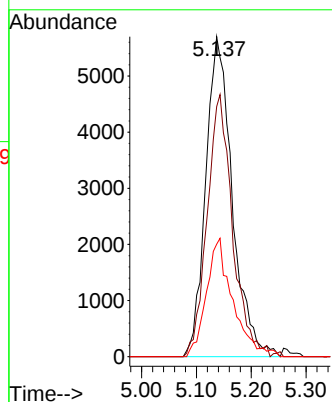
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	53	Resp:	19135
Ion	Ratio	Lower	Upper
53	100		
52	78.4	64.7	97.1
51	36.9	28.4	42.6



#16

Acetone

Concen: 85.256 ug/l

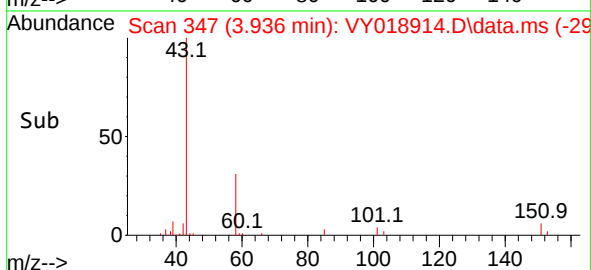
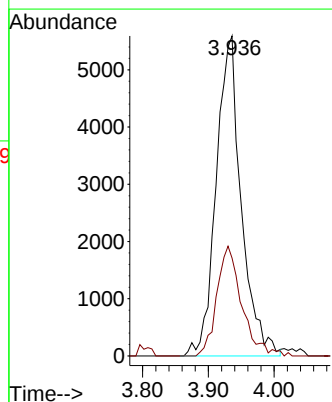
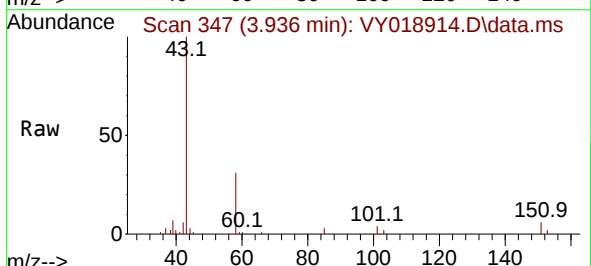
RT: 3.936 min Scan# 347

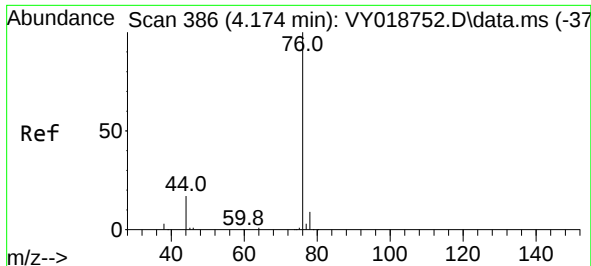
Delta R.T. -0.000 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Tgt Ion:	43	Resp:	14839
Ion	Ratio	Lower	Upper
43	100		
58	30.6	31.7	47.5#

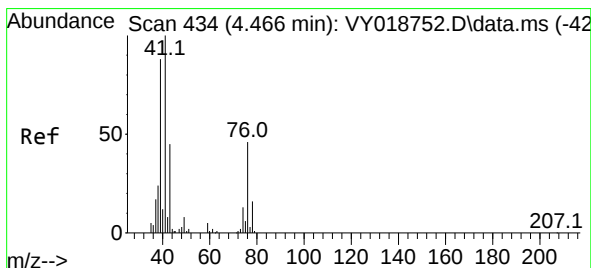
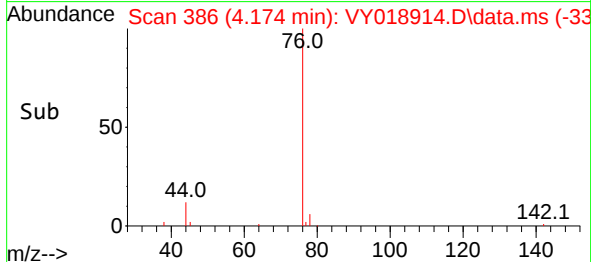
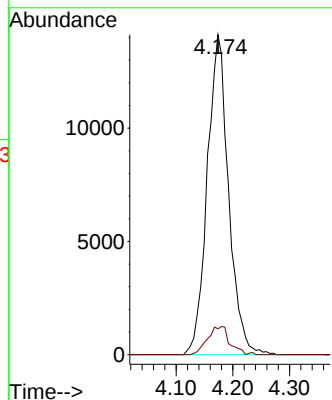
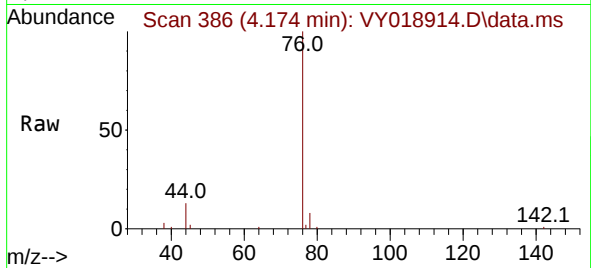




#17
Carbon Disulfide
Concen: 14.229 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

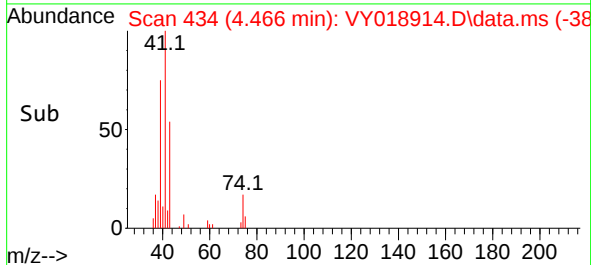
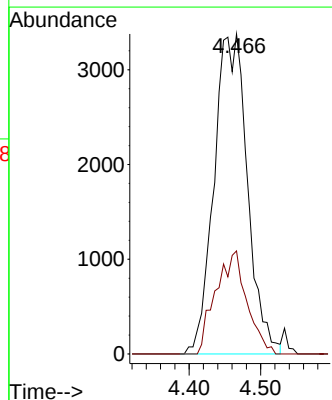
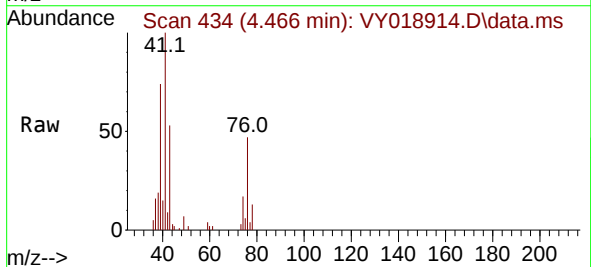
Instrument :
MSVOA_Y
ClientSampleId :

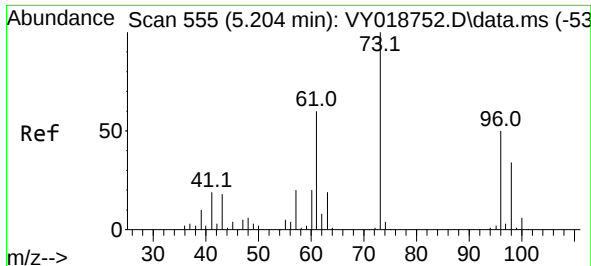
Tgt Ion: 76 Resp: 36930
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 21.626 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 43 Resp: 10937
Ion Ratio Lower Upper
43 100
74 30.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.050 ug/l

RT: 5.198 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

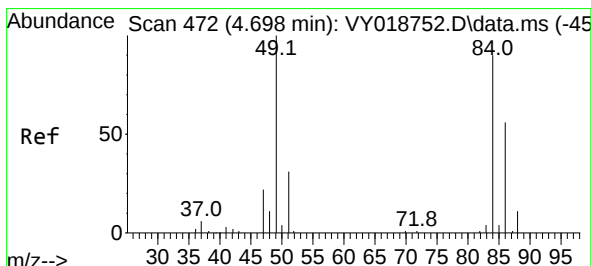
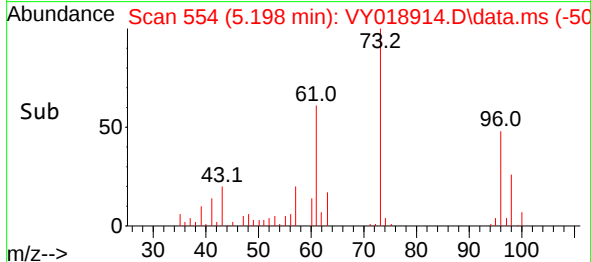
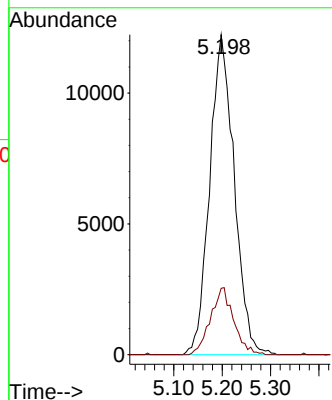
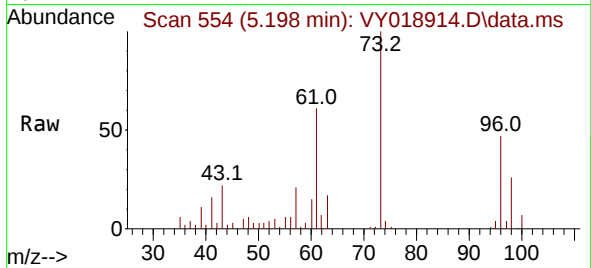
ClientSampleId :

Tgt Ion: 73 Resp: 43112

Ion Ratio Lower Upper

73 100

57 20.8 17.3 25.9



#20

Methylene Chloride

Concen: 26.807 ug/l

RT: 4.686 min Scan# 470

Delta R.T. -0.012 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Tgt Ion: 84 Resp: 28693

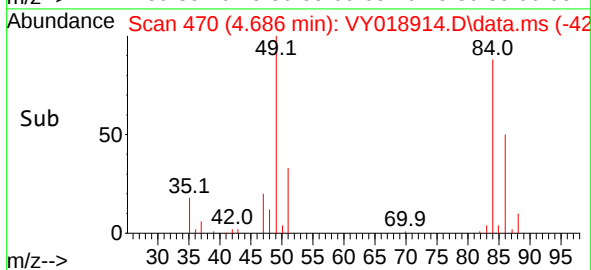
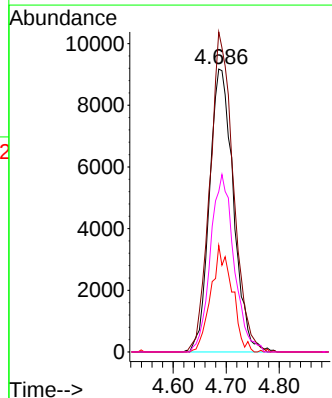
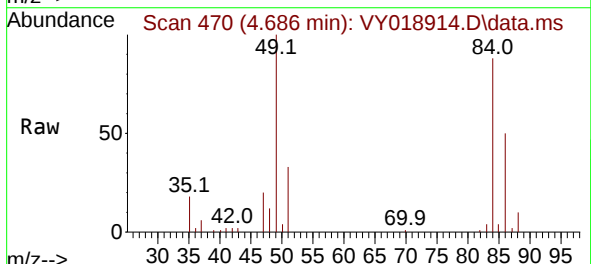
Ion Ratio Lower Upper

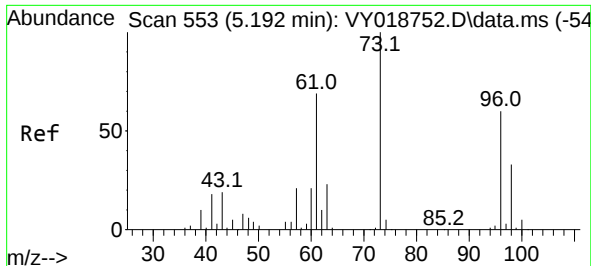
84 100

49 113.2 84.4 126.6

51 37.6 26.0 39.0

86 56.7 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.535 ug/l

RT: 5.186 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

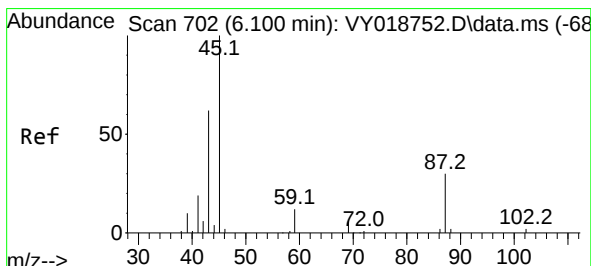
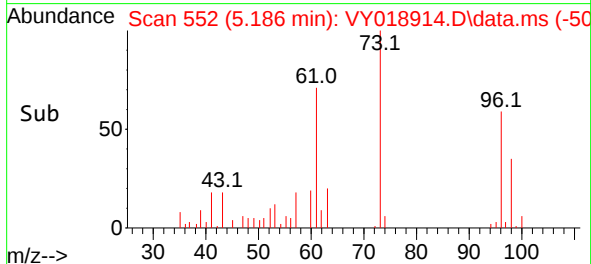
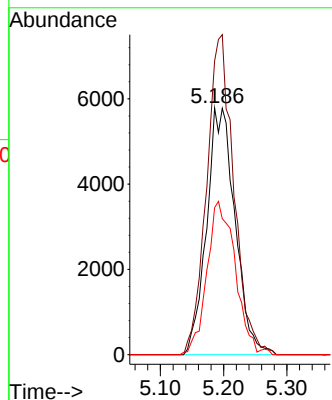
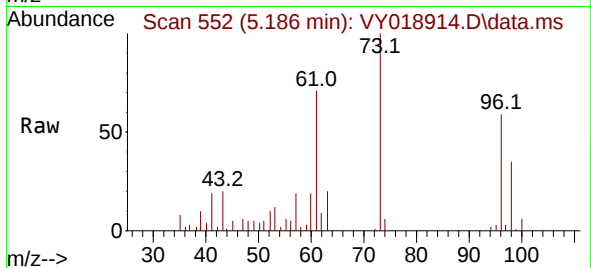
Tgt Ion: 96 Resp: 18133

Ion Ratio Lower Upper

96 100

61 119.0 97.5 146.3

98 59.6 50.5 75.7



#22

Diisopropyl ether

Concen: 19.429 ug/l

RT: 6.106 min Scan# 703

Delta R.T. 0.006 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Tgt Ion: 45 Resp: 48531

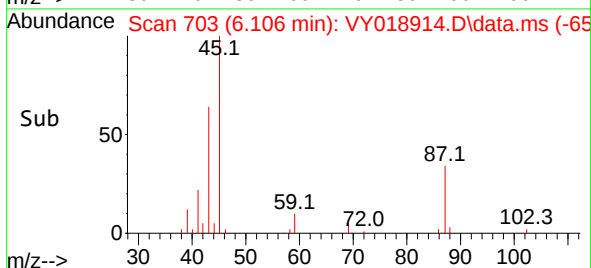
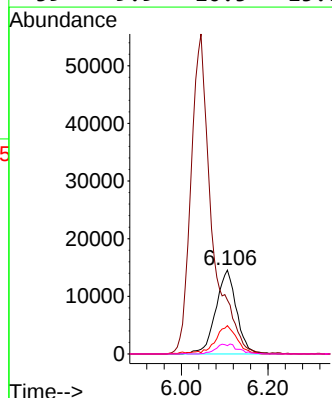
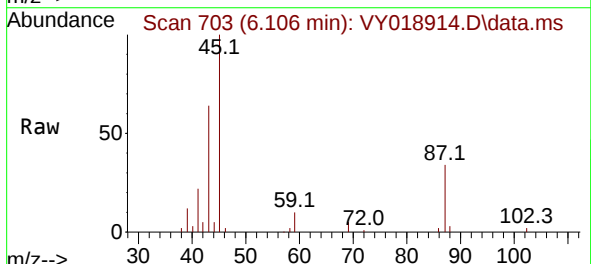
Ion Ratio Lower Upper

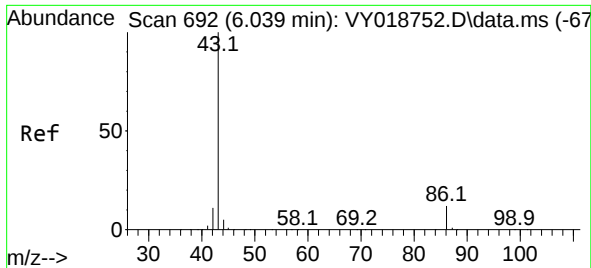
45 100

43 63.0 42.2 63.2

87 33.8 25.0 37.6

59 9.9 10.5 15.7#

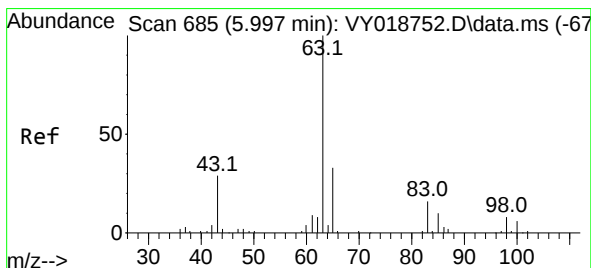
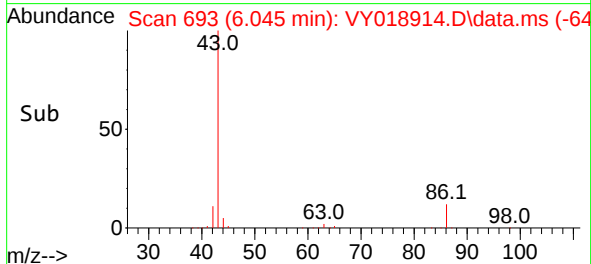
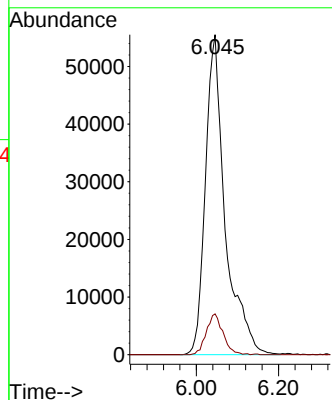
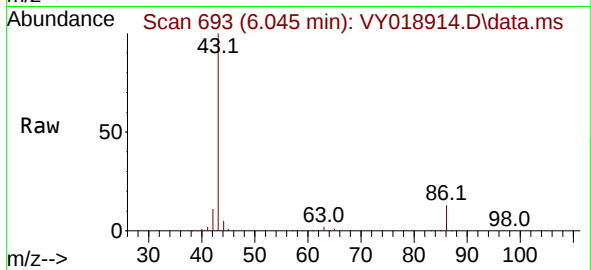




#23
Vinyl Acetate
Concen: 93.933 ug/l
RT: 6.045 min Scan# 691
Delta R.T. 0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

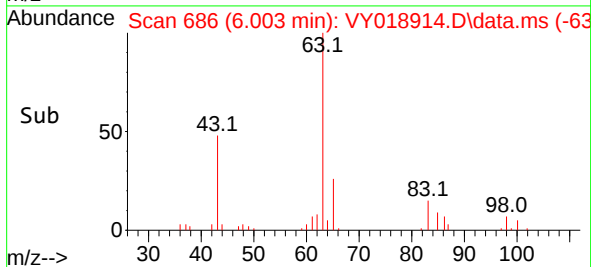
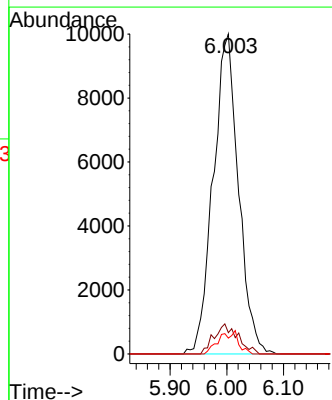
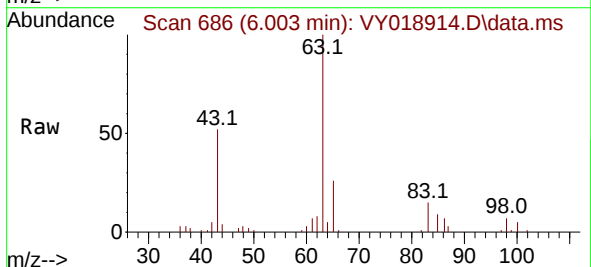
Instrument :
MSVOA_Y
ClientSampleId :

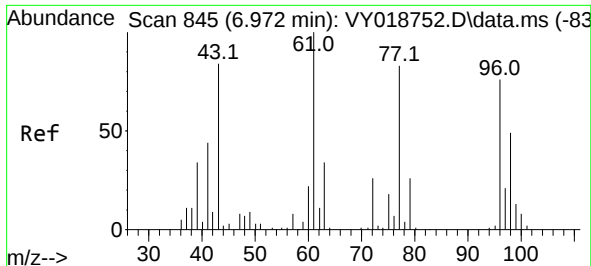
Tgt Ion: 43 Resp: 184851
Ion Ratio Lower Upper
43 100
86 12.7 10.6 16.0



#24
1,1-Dichloroethane
Concen: 19.418 ug/l
RT: 6.003 min Scan# 686
Delta R.T. 0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 63 Resp: 30968
Ion Ratio Lower Upper
63 100
98 6.6 4.0 12.2
100 5.0 2.6 8.0





#25

2-Butanone

Concen: 98.851 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

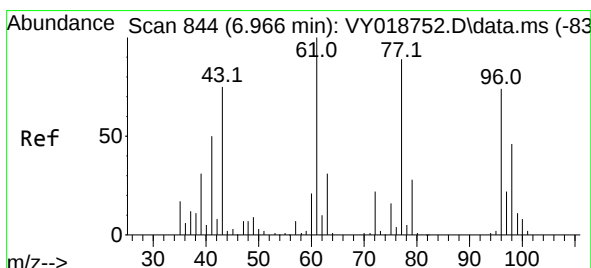
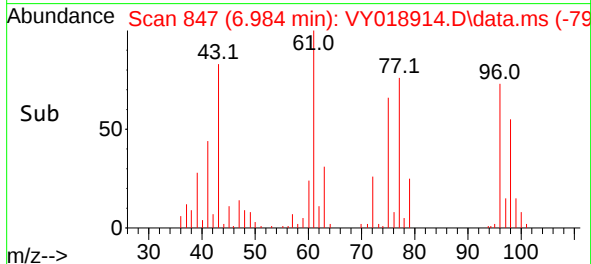
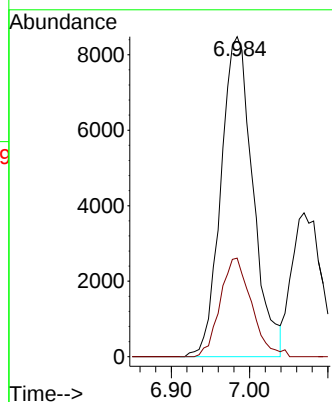
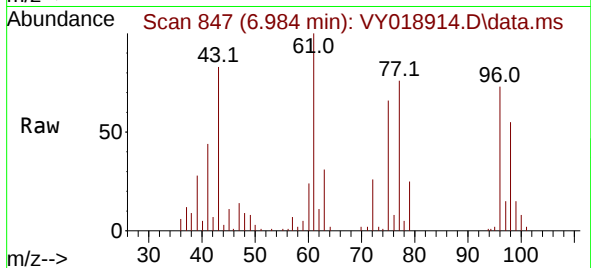
ClientSampleId :

Tgt Ion: 43 Resp: 24117

Ion Ratio Lower Upper

43 100

72 30.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 17.832 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY018914.D

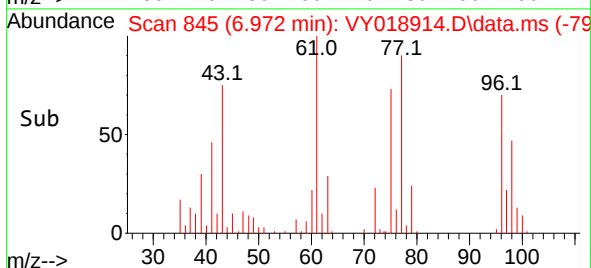
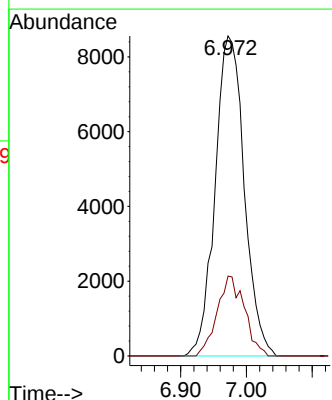
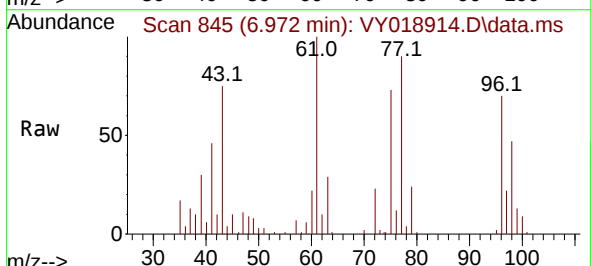
Acq: 25 Jul 2024 13:39

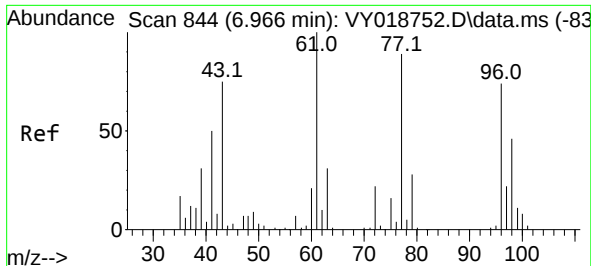
Tgt Ion: 77 Resp: 26388

Ion Ratio Lower Upper

77 100

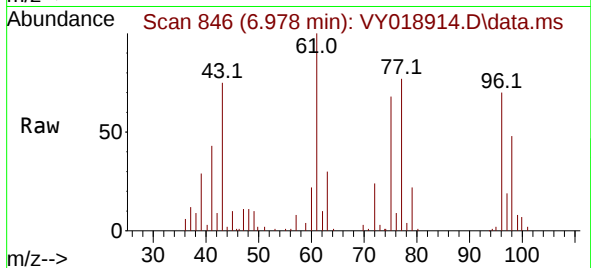
97 23.4 12.0 36.1



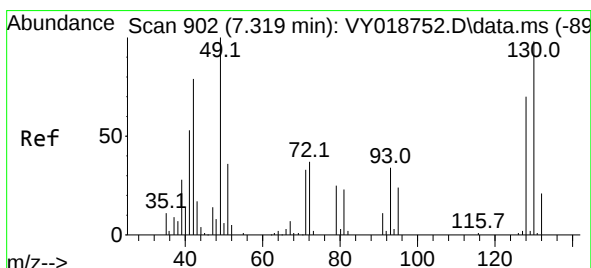
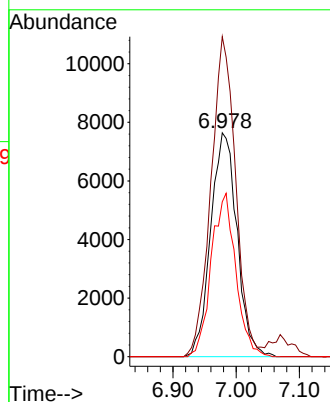
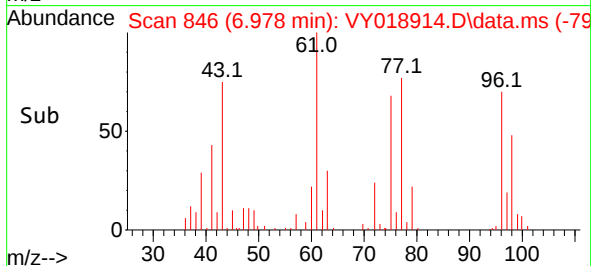


#27
cis-1,2-Dichloroethene
Concen: 19.342 ug/l
RT: 6.978 min Scan# 844
Delta R.T. 0.012 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :

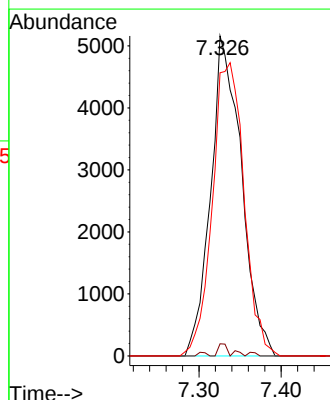
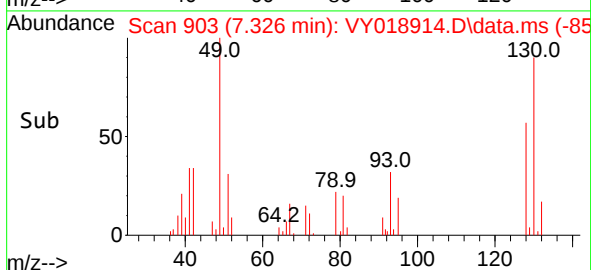
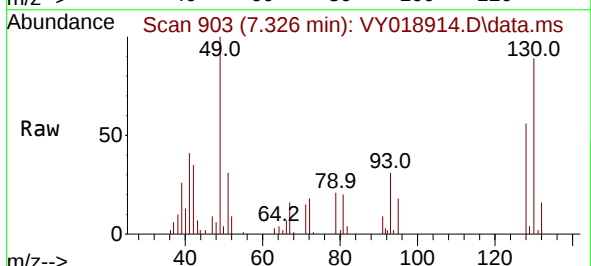


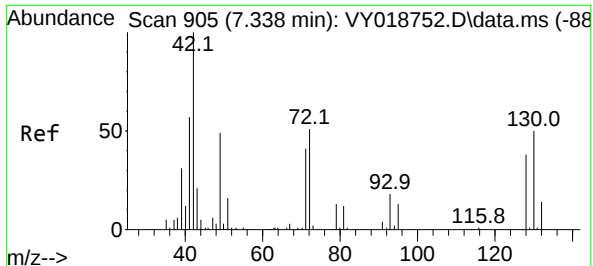
Tgt Ion: 96	Resp: 22030
Ion Ratio	Lower Upper
96 100	
61 135.1	0.0 256.2
98 68.1	0.0 130.0



#28
Bromochloromethane
Concen: 20.943 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 49	Resp: 13415
Ion Ratio	Lower Upper
49 100	
129 1.4	0.0 4.6
130 94.3	72.7 109.1

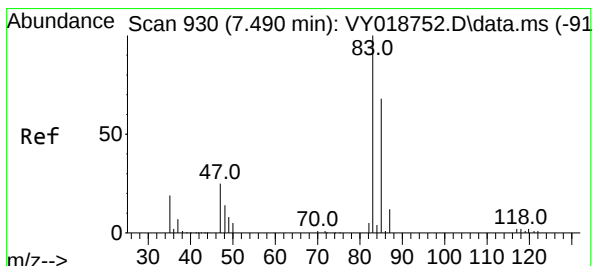
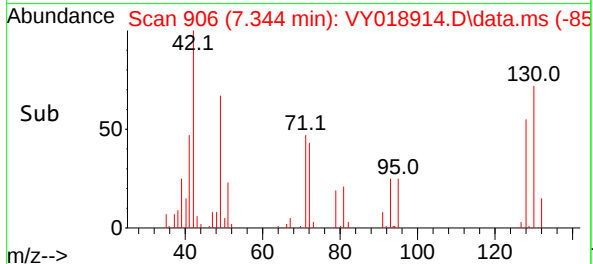
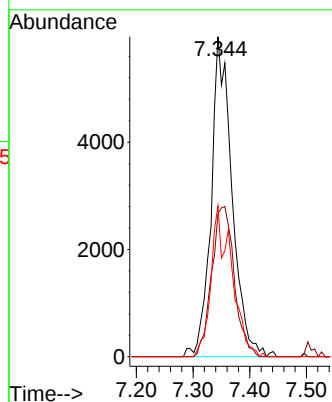
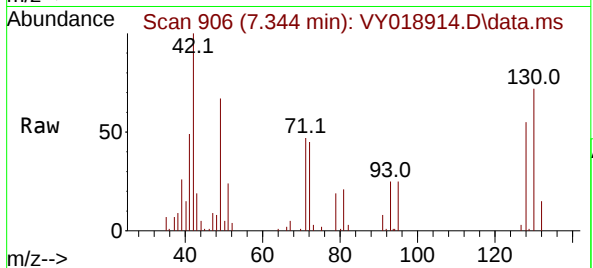




#29
Tetrahydrofuran
Concen: 102.039 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

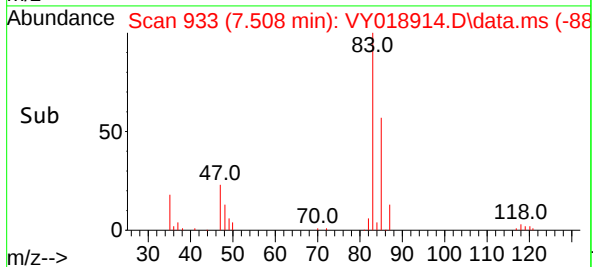
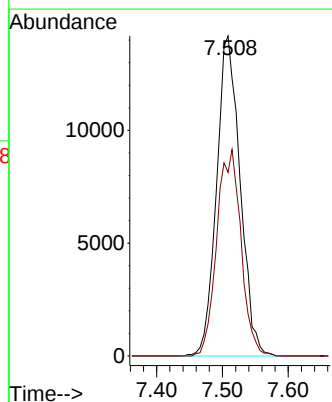
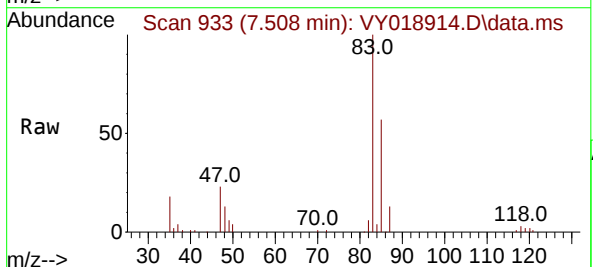
Instrument :
MSVOA_Y
ClientSampleId :

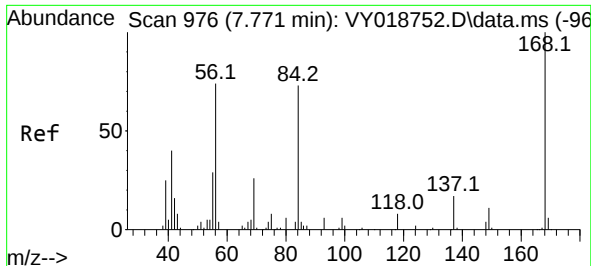
Tgt Ion: 42 Resp: 15262
Ion Ratio Lower Upper
42 100
72 50.6 43.0 64.4
71 46.7 40.8 61.2



#30
Chloroform
Concen: 19.877 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.018 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

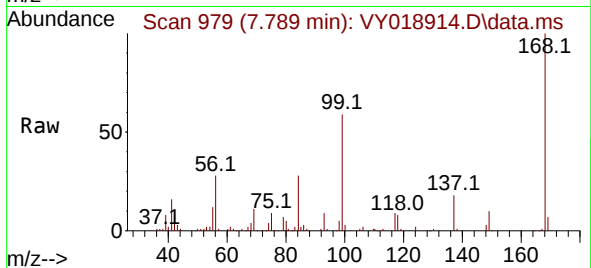
Tgt Ion: 83 Resp: 35330
Ion Ratio Lower Upper
83 100
85 57.4 52.2 78.4



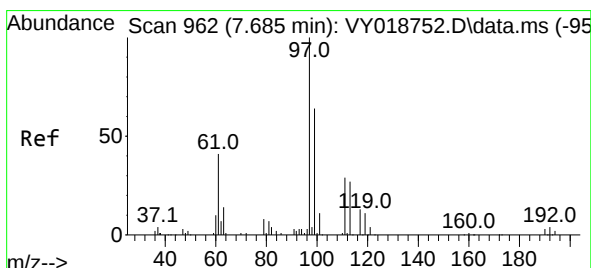
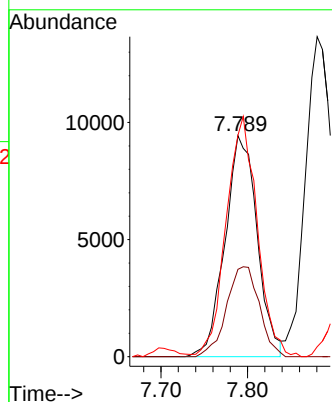
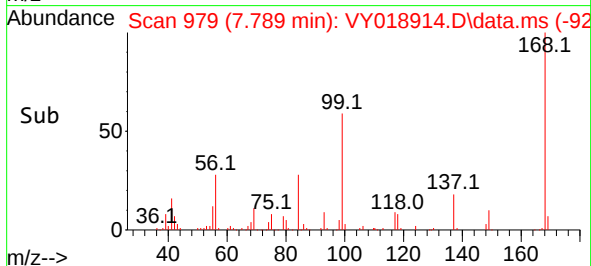


#31
Cyclohexane
Concen: 16.773 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :

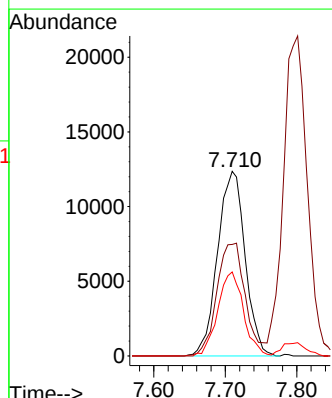
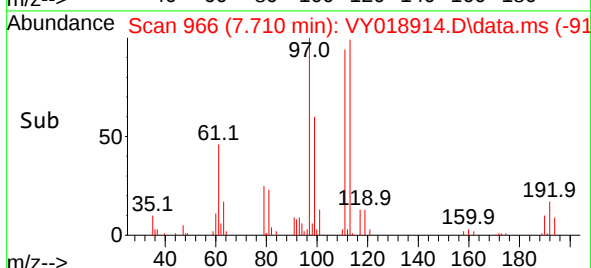
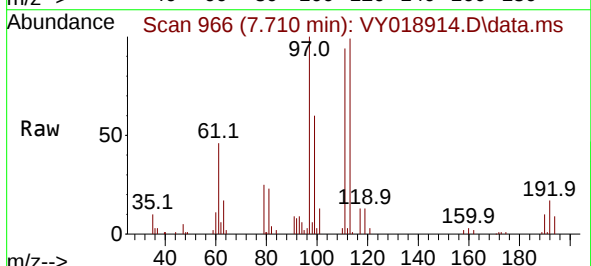


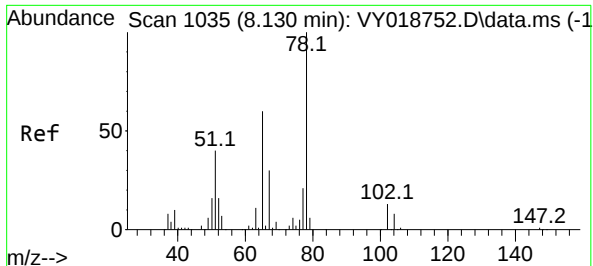
Tgt Ion: 56 Resp: 24328
Ion Ratio Lower Upper
56 100
69 39.5 28.7 43.1
84 98.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.983 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.025 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 97 Resp: 33028
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 42.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 44.051 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. 0.024 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

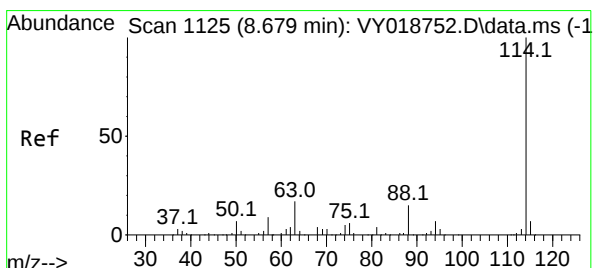
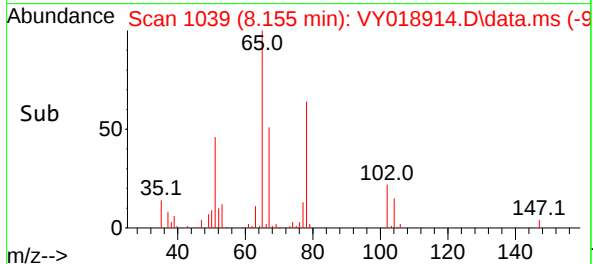
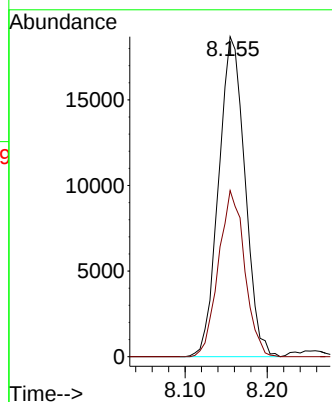
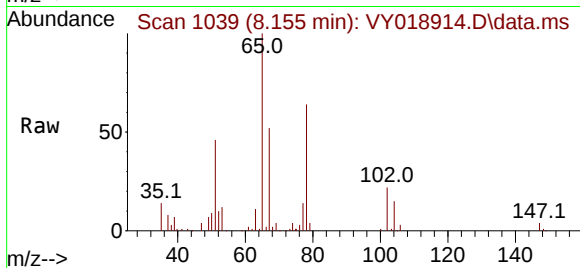
ClientSampleId :

Tgt Ion: 65 Resp: 41588

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.037 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

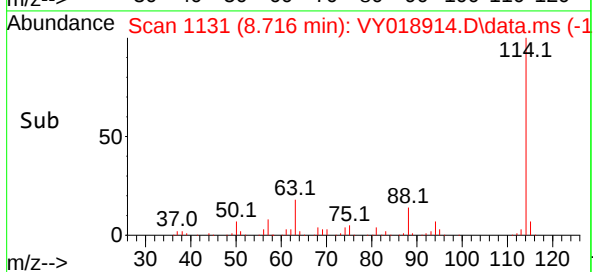
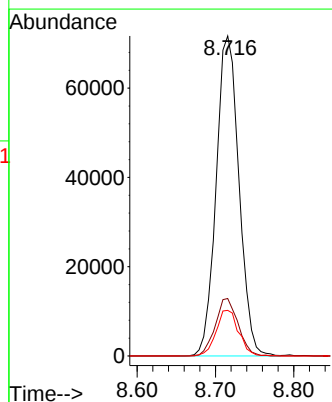
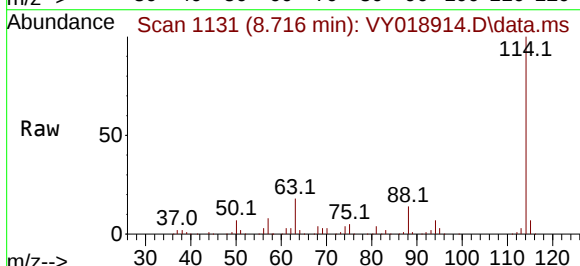
Tgt Ion: 114 Resp: 145273

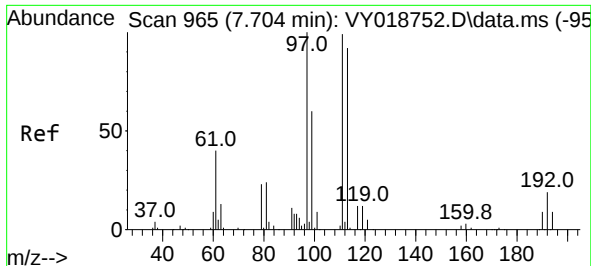
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.3 0.0 27.2

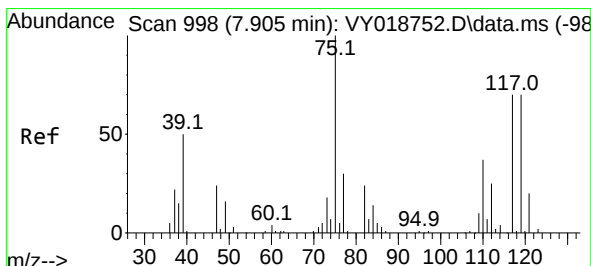
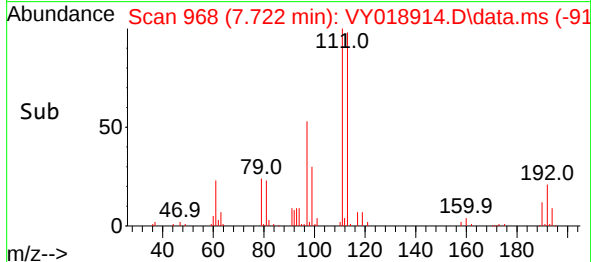
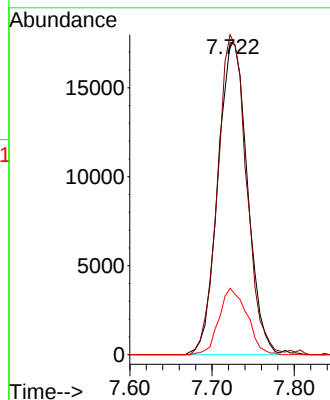
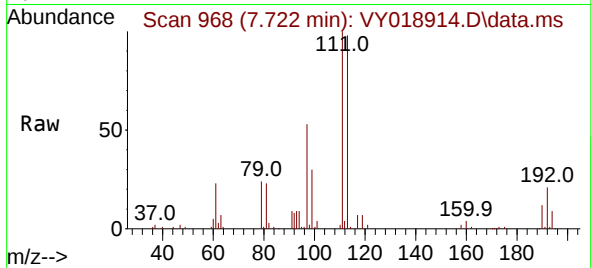




#35
Dibromofluoromethane
Concen: 48.273 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

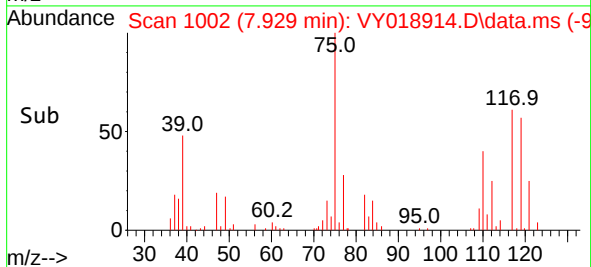
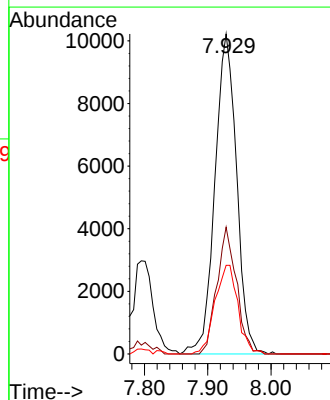
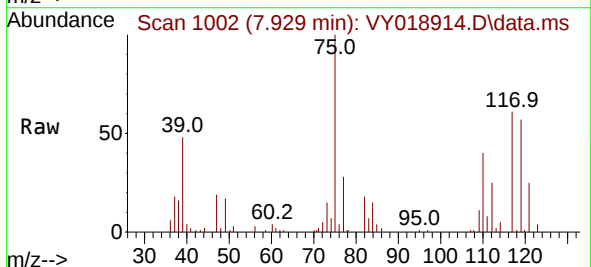
Instrument :
MSVOA_Y
ClientSampleId :

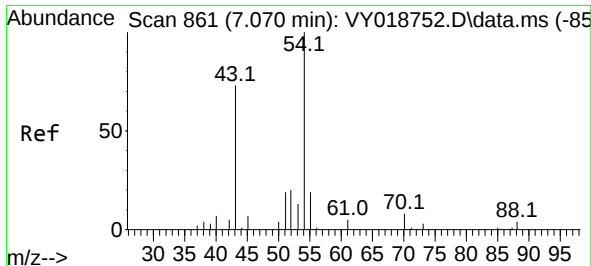
Tgt Ion:113 Resp: 43922
Ion Ratio Lower Upper
113 100
111 99.9 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.344 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.024 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 75 Resp: 24289
Ion Ratio Lower Upper
75 100
110 35.8 19.0 57.0
77 29.2 25.3 37.9

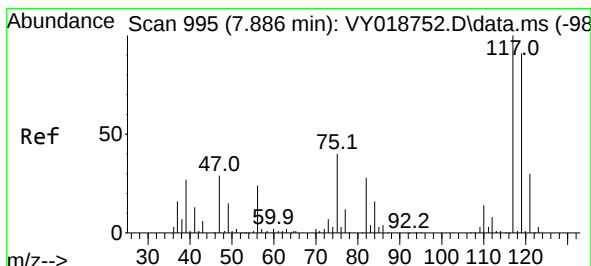
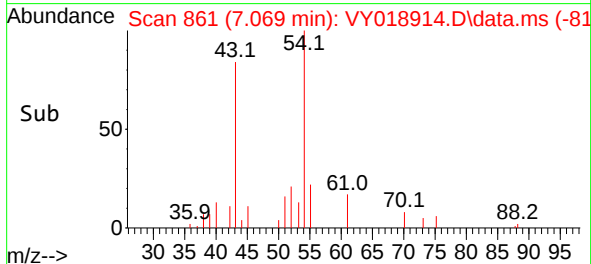
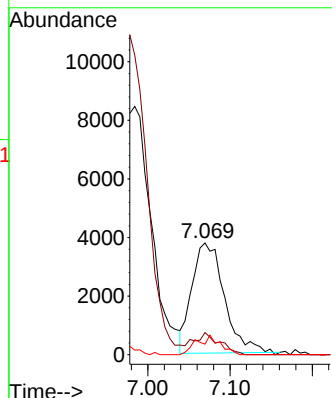
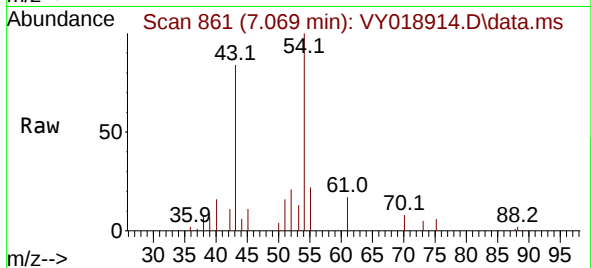




#37
Ethyl Acetate
Concen: 19.694 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

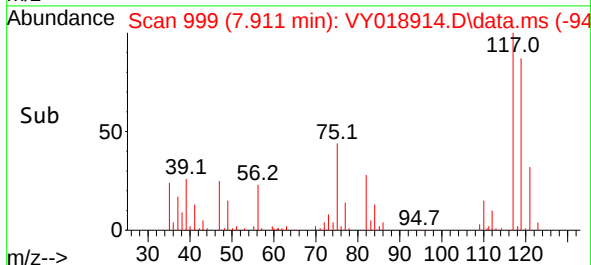
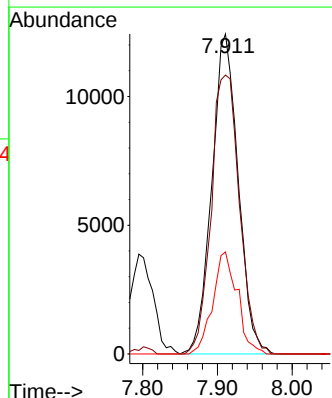
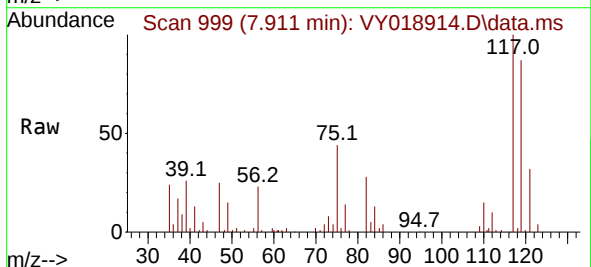
Instrument :
MSVOA_Y
ClientSampleId :

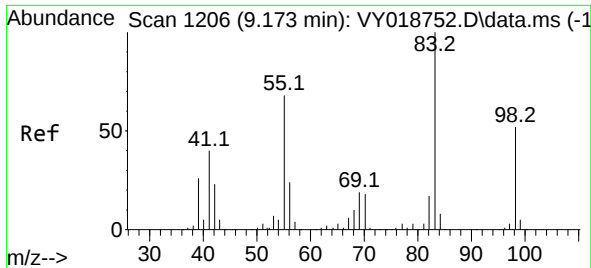
Tgt Ion: 43 Resp: 10279
Ion Ratio Lower Upper
43 100
61 15.8 12.6 19.0
70 12.7 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 20.155 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.024 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 117 Resp: 30481
Ion Ratio Lower Upper
117 100
119 87.1 75.8 113.6
121 31.9 24.0 36.0

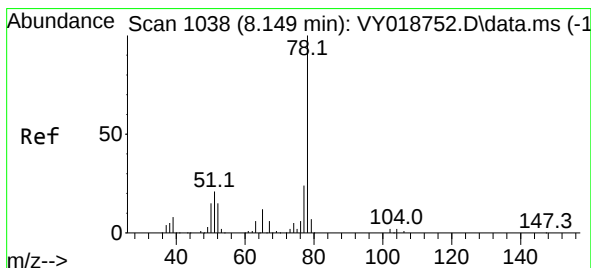
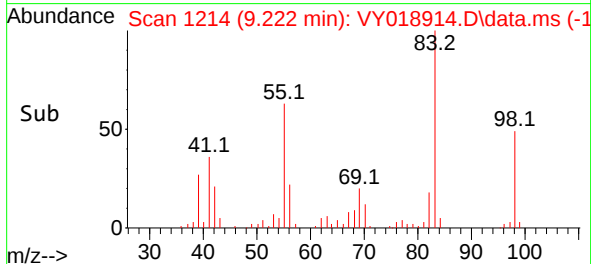
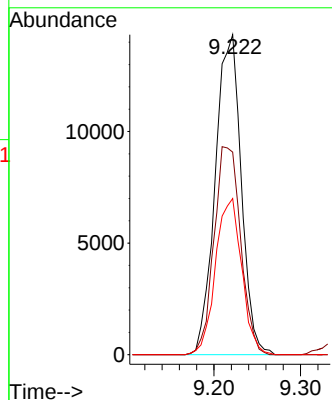
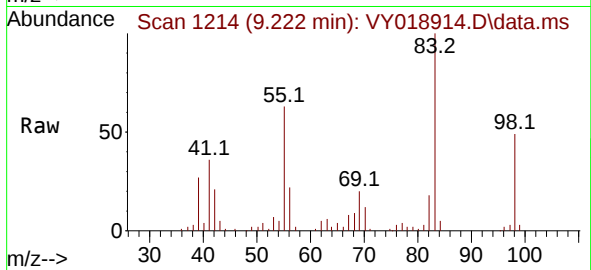




#39
Methylcyclohexane
Concen: 18.560 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.049 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

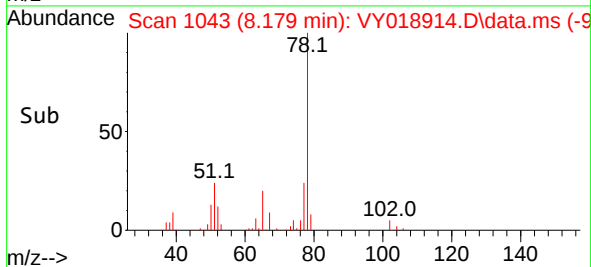
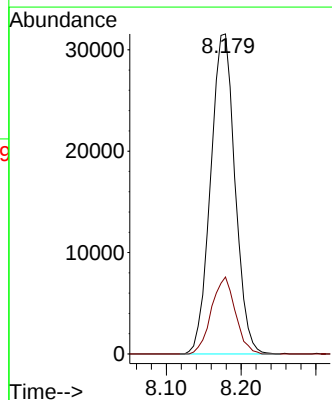
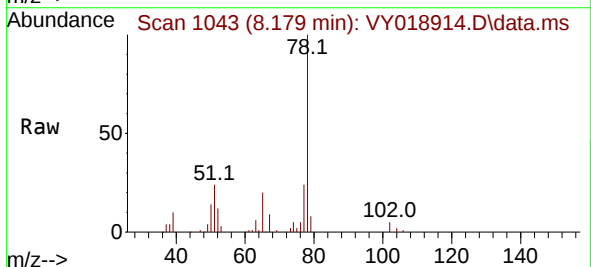
Instrument :
MSVOA_Y
ClientSampleId :

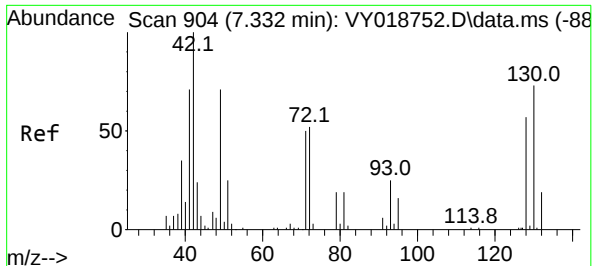
Tgt Ion: 83 Resp: 29866
Ion Ratio Lower Upper
83 100
55 63.3 51.5 77.3
98 48.8 40.5 60.7



#40
Benzene
Concen: 19.660 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.030 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 78 Resp: 71612
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3

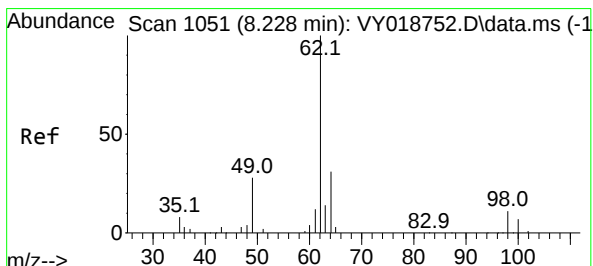
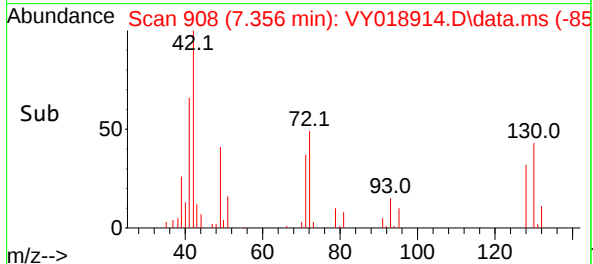
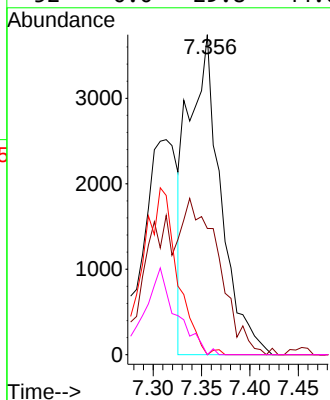
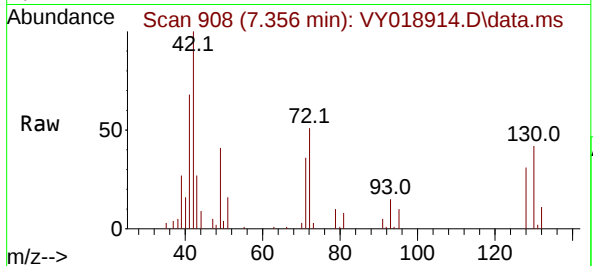




#41
Methacrylonitrile
Concen: 29.661 ug/l
RT: 7.356 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

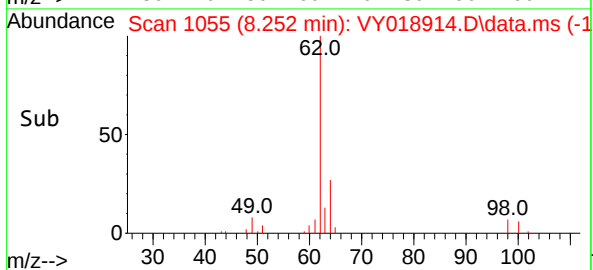
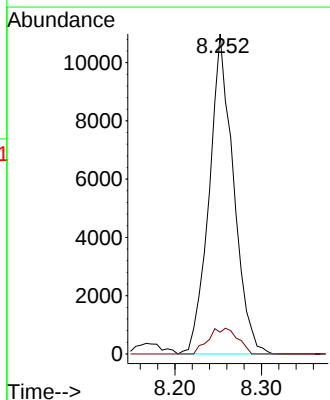
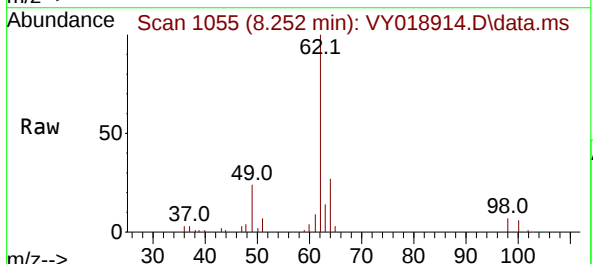
Instrument :
MSVOA_Y
ClientSampleId :

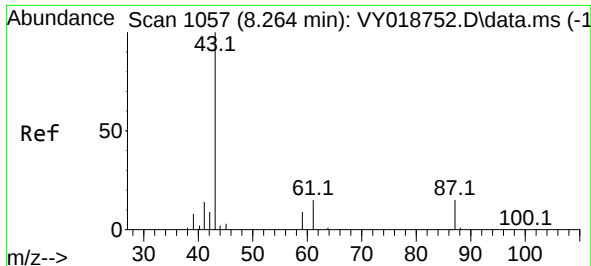
Tgt Ion: 41 Resp: 8826
Ion Ratio Lower Upper
41 100
39 53.5 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.968 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.024 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

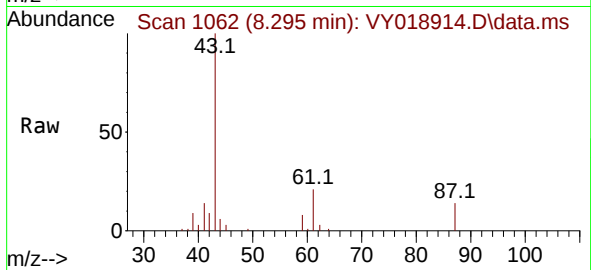
Tgt Ion: 62 Resp: 21384
Ion Ratio Lower Upper
62 100
98 9.7 0.0 22.0



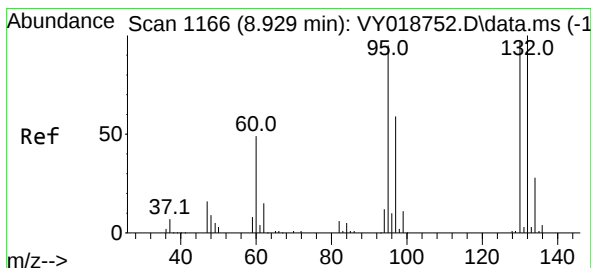
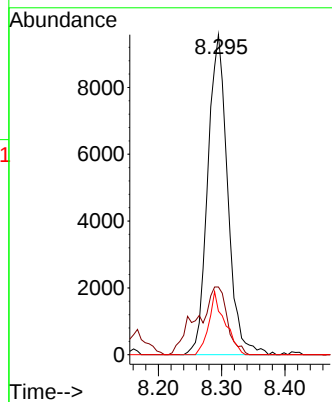
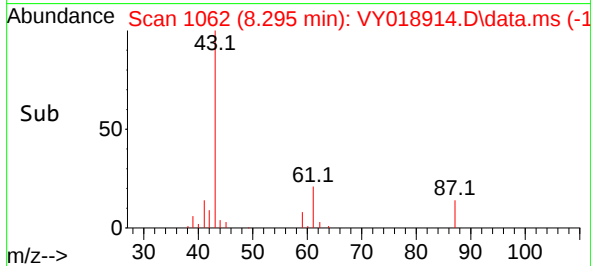


#43
Isopropyl Acetate
Concen: 20.111 ug/l
RT: 8.295 min Scan# 1106
Delta R.T. 0.030 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :

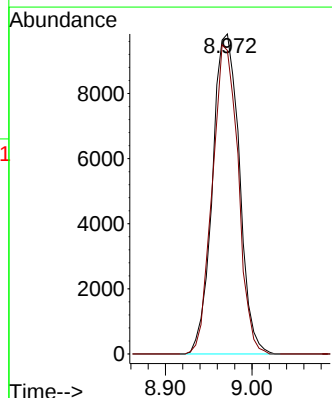
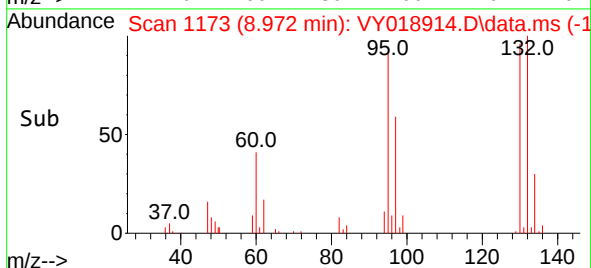
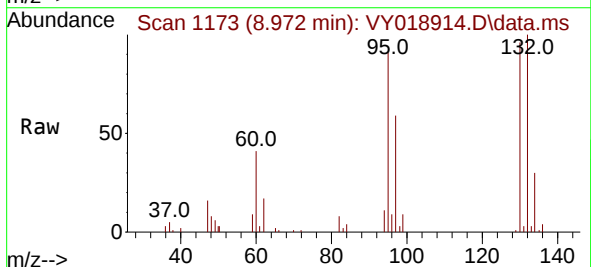


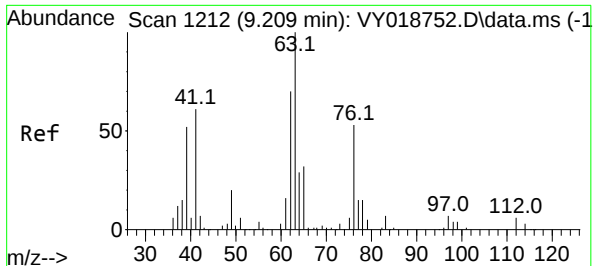
Tgt Ion: 43 Resp: 20886
Ion Ratio Lower Upper
43 100
61 32.0 27.9 41.9
87 15.9 13.1 19.7



#44
Trichloroethene
Concen: 20.322 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.043 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion:130 Resp: 21159
Ion Ratio Lower Upper
130 100
95 94.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.343 ug/l

RT: 9.246 min Scan# 11

Delta R.T. 0.037 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

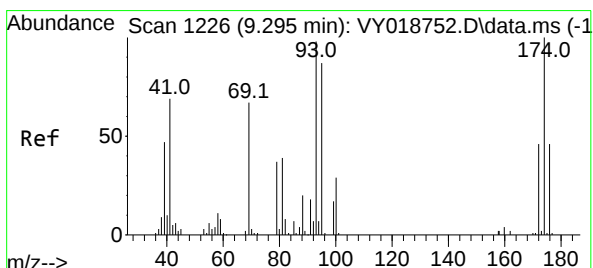
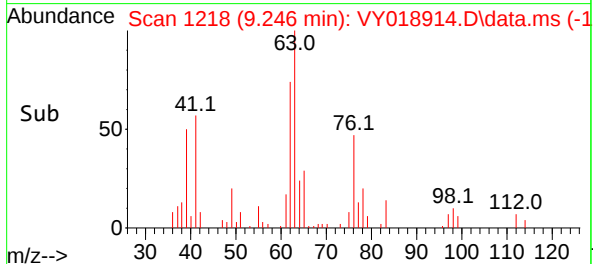
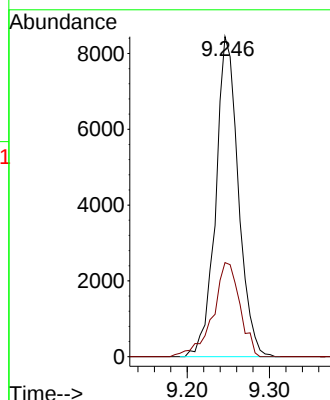
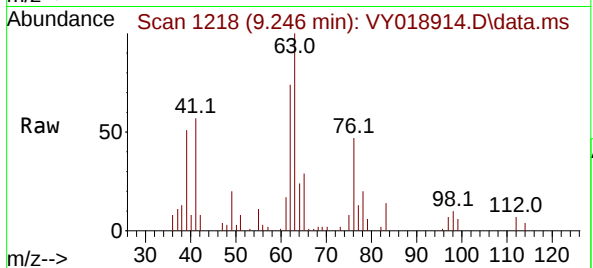
ClientSampleId :

Tgt Ion: 63 Resp: 16136

Ion Ratio Lower Upper

63 100

65 29.4 25.4 38.2



#46

Dibromomethane

Concen: 20.856 ug/l

RT: 9.343 min Scan# 1234

Delta R.T. 0.048 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

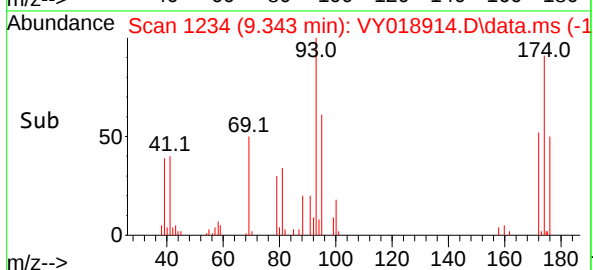
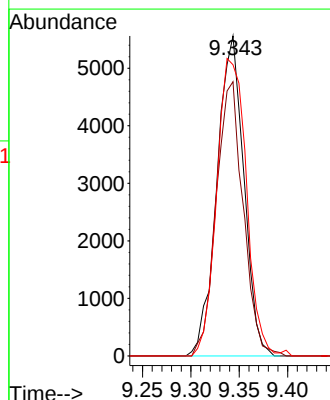
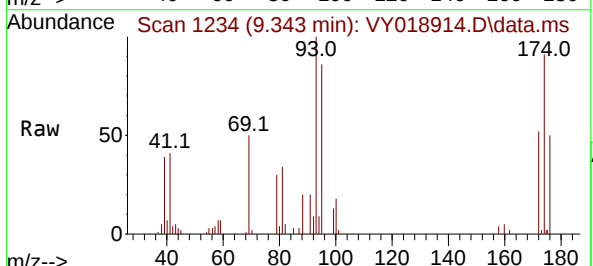
Tgt Ion: 93 Resp: 10723

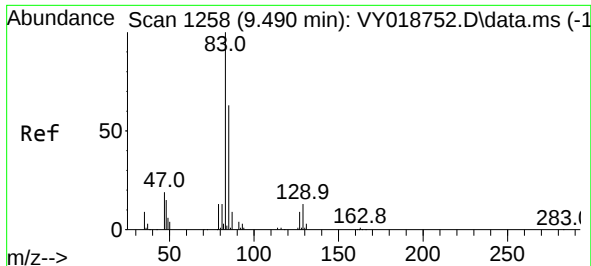
Ion Ratio Lower Upper

93 100

95 86.2 66.2 99.4

174 102.7 80.9 121.3

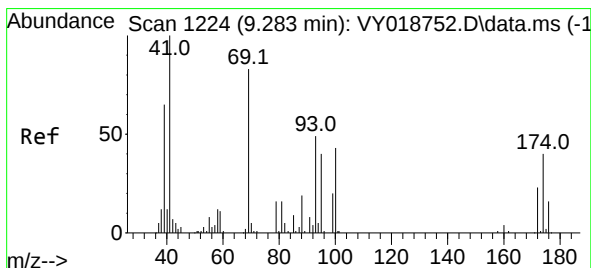
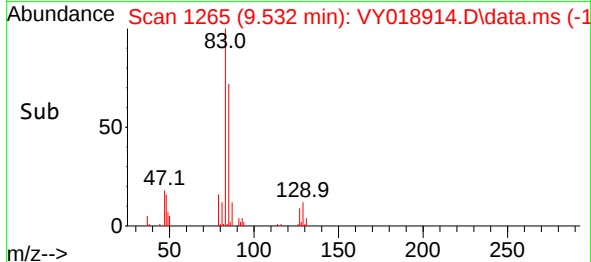
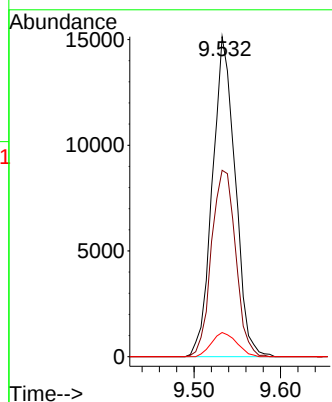
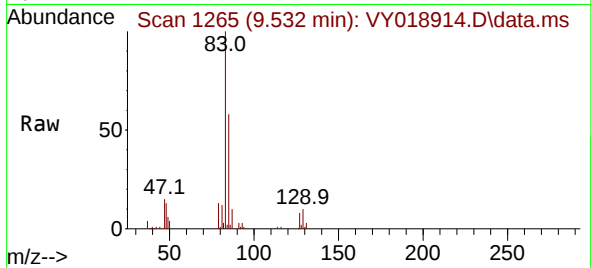




#47
Bromodichloromethane
Concen: 21.520 ug/l
RT: 9.532 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

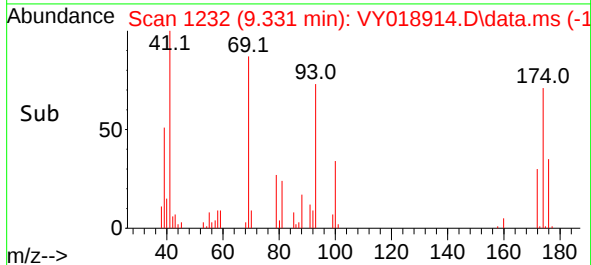
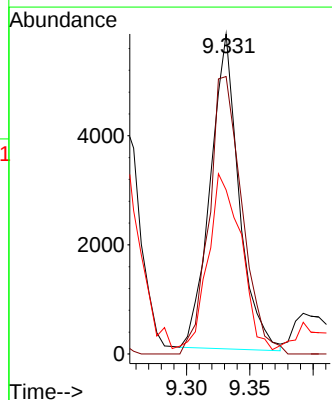
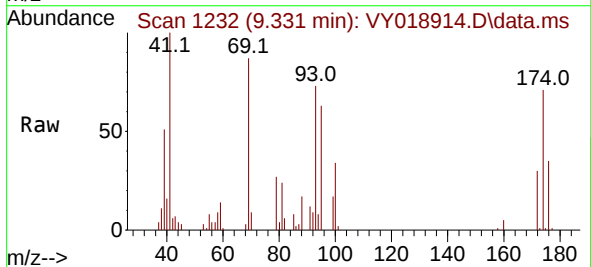
Instrument :
MSVOA_Y
ClientSampleId :

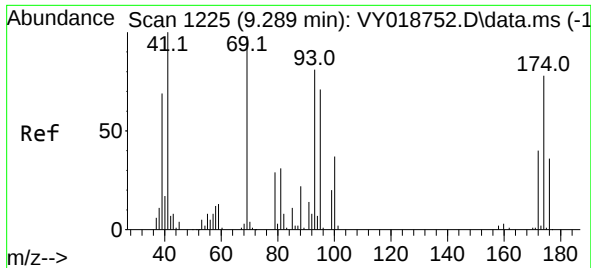
Tgt Ion: 83 Resp: 27641
Ion Ratio Lower Upper
83 100
85 58.3 50.1 75.1
127 7.5 7.4 11.0



#48
Methyl methacrylate
Concen: 19.312 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.049 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 41 Resp: 9116
Ion Ratio Lower Upper
41 100
69 101.4 84.1 126.1
39 67.2 43.6 65.4#

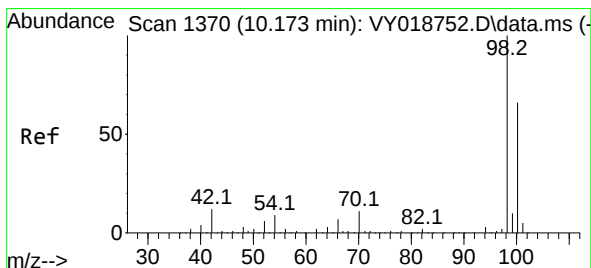
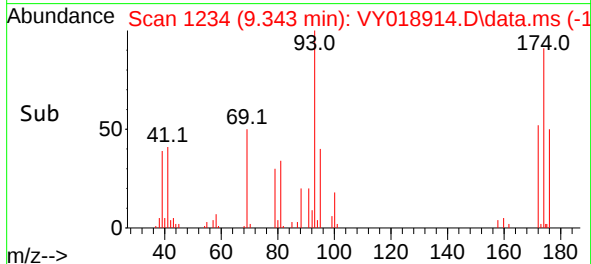
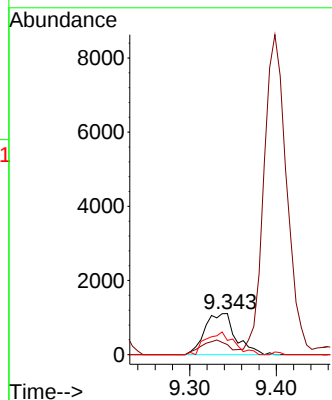
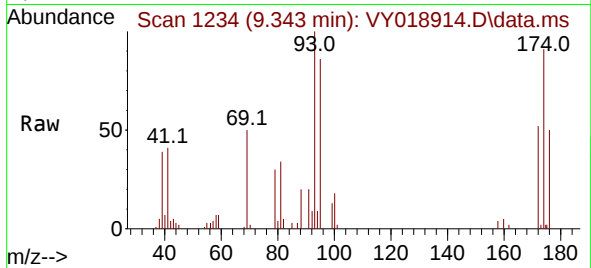




#49
1,4-Dioxane
Concen: 456.783 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.054 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

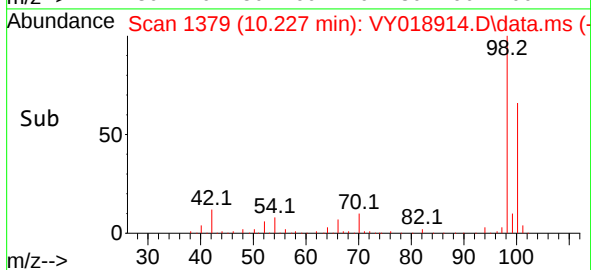
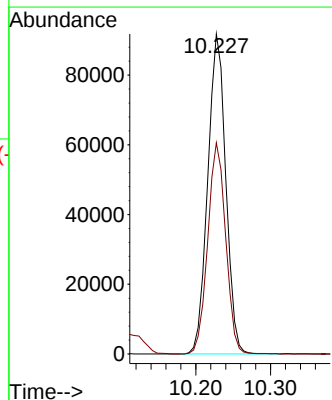
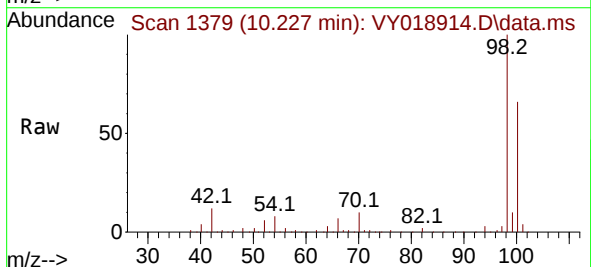
Instrument :
MSVOA_Y
ClientSampleId :

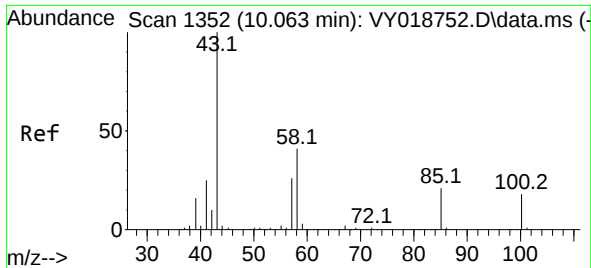
Tgt Ion: 88 Resp: 2753
Ion Ratio Lower Upper
88 100
43 29.7 0.0 0.0#
58 50.5 49.3 73.9



#50
Toluene-d8
Concen: 44.631 ug/l
RT: 10.227 min Scan# 1379
Delta R.T. 0.055 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 98 Resp: 153848
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

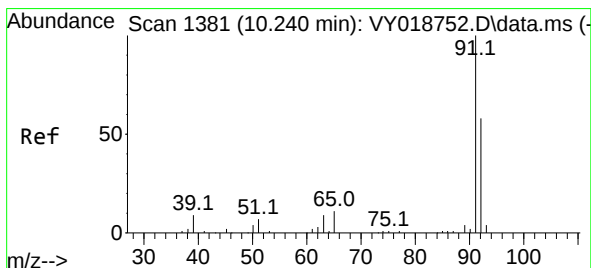
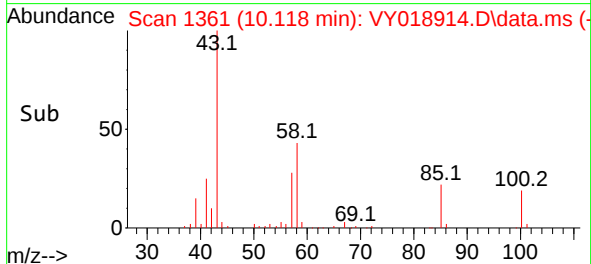
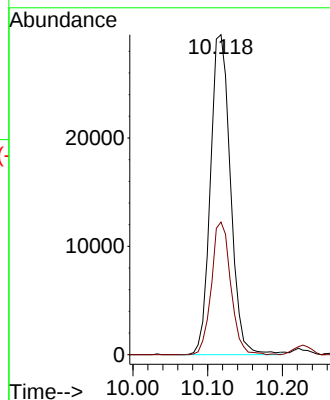
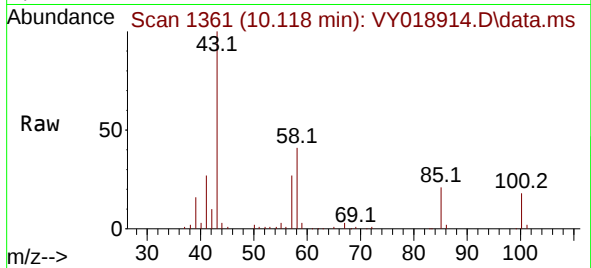




#51
4-Methyl-2-Pentanone
Concen: 103.569 ug/l
RT: 10.118 min Scan# 1361
Delta R.T. 0.055 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

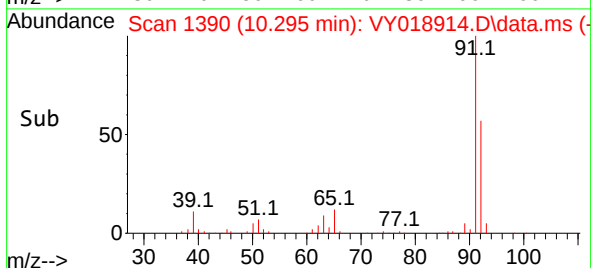
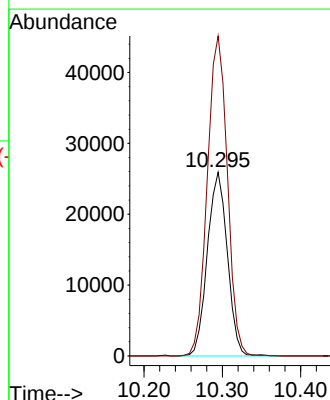
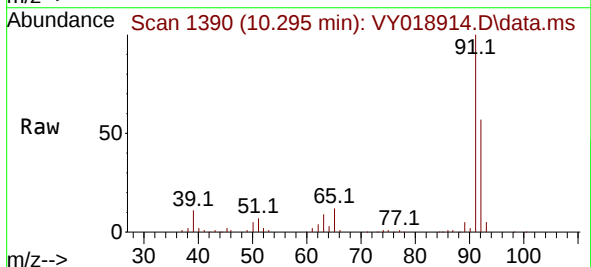
Instrument :
MSVOA_Y
ClientSampleId :

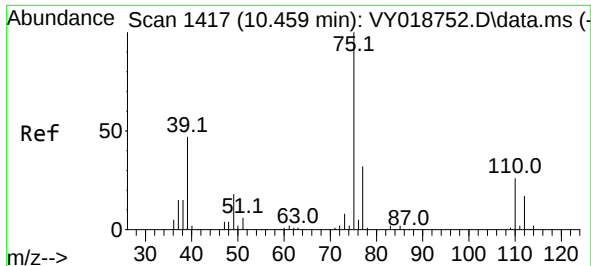
Tgt Ion: 43 Resp: 54916
Ion Ratio Lower Upper
43 100
58 40.1 35.7 53.5



#52
Toluene
Concen: 18.921 ug/l
RT: 10.295 min Scan# 1390
Delta R.T. 0.055 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 92 Resp: 45808
Ion Ratio Lower Upper
92 100
91 175.1 139.0 208.6

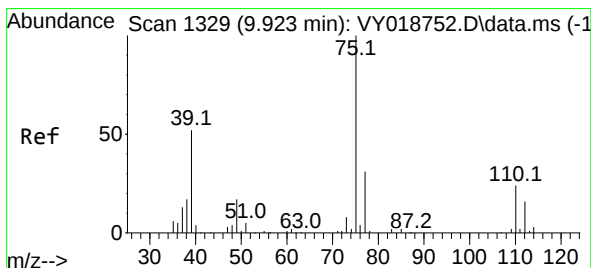
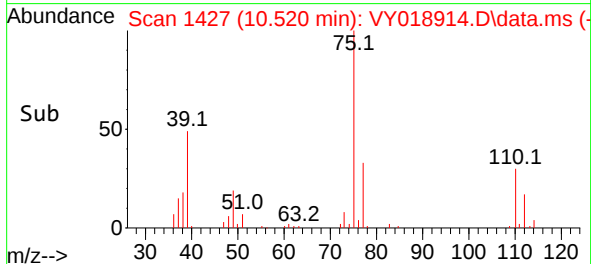
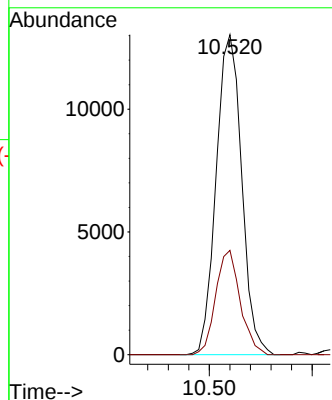
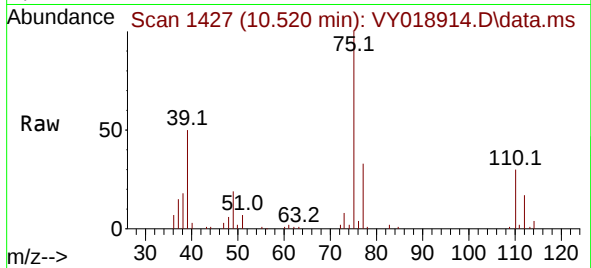




#53
t-1,3-Dichloropropene
Concen: 20.248 ug/l
RT: 10.520 min Scan# 1417
Delta R.T. 0.061 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

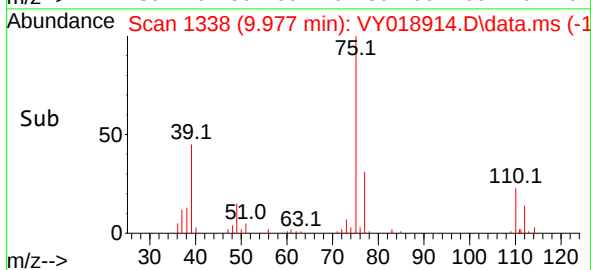
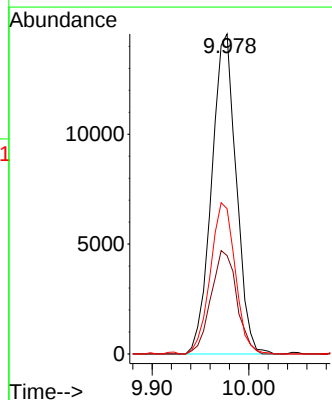
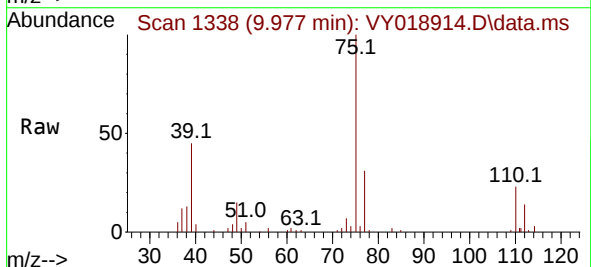
Instrument :
MSVOA_Y
ClientSampleId :

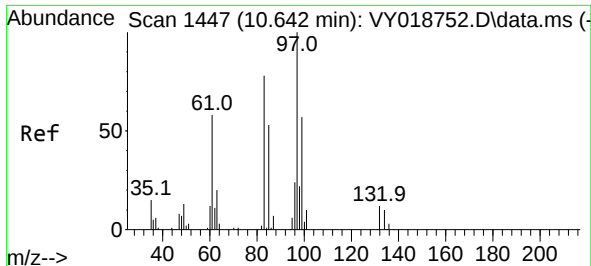
Tgt Ion: 75 Resp: 22455
Ion Ratio Lower Upper
75 100
77 32.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.777 ug/l
RT: 9.977 min Scan# 1338
Delta R.T. 0.055 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

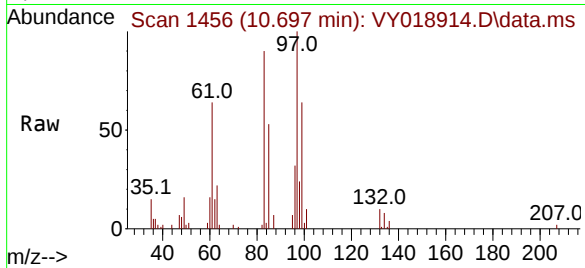
Tgt Ion: 75 Resp: 25730
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 45.4 29.8 44.6#



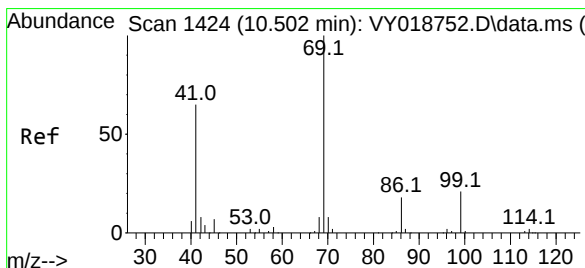
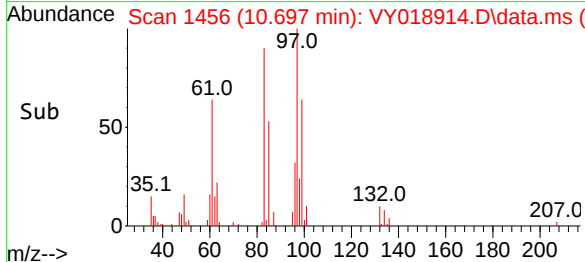
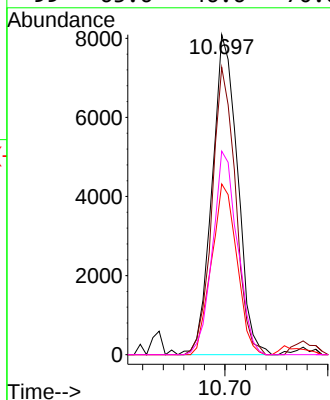


#55
 1,1,2-Trichloroethane
 Concen: 21.325 ug/l
 RT: 10.697 min Scan# 1447
 Delta R.T. 0.055 min
 Lab File: VY018914.D
 Acq: 25 Jul 2024 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :

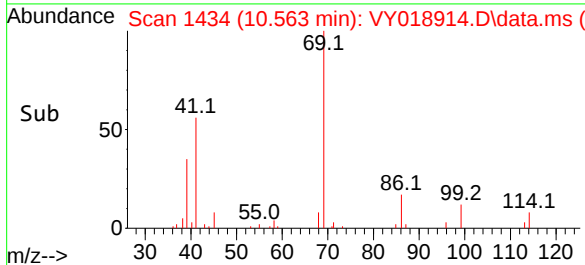
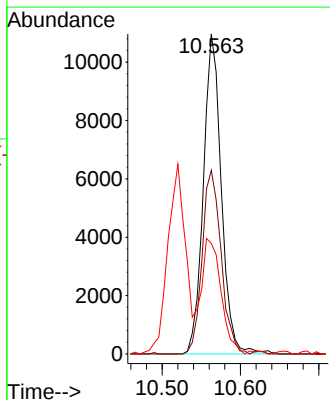
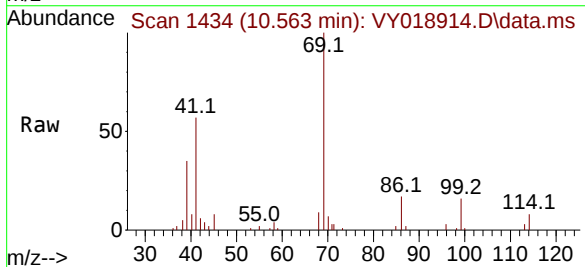


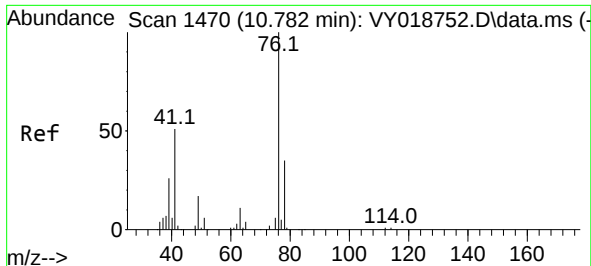
Tgt Ion: 97	Resp: 13884
Ion Ratio	Lower Upper
97 100	
83 89.8	67.5 101.3
85 53.4	42.9 64.3
99 63.6	46.6 70.0



#56
 Ethyl methacrylate
 Concen: 20.365 ug/l
 RT: 10.563 min Scan# 1434
 Delta R.T. 0.061 min
 Lab File: VY018914.D
 Acq: 25 Jul 2024 13:39

Tgt Ion: 69	Resp: 17456
Ion Ratio	Lower Upper
69 100	
41 60.5	42.3 63.5
39 40.2	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.804 ug/l

RT: 10.849 min Scan# 1470

Delta R.T. 0.067 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

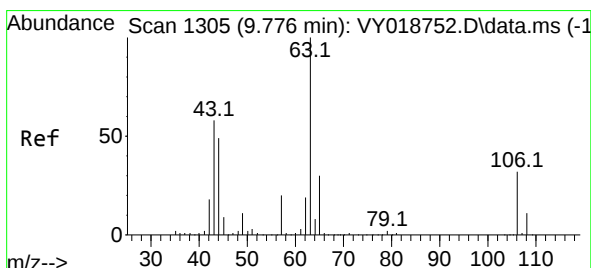
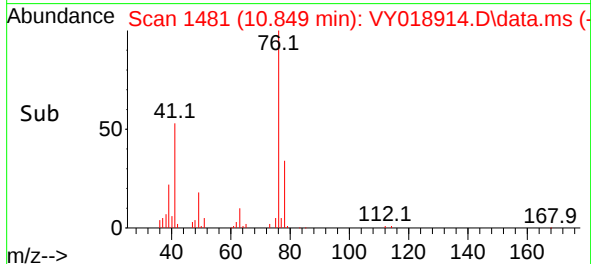
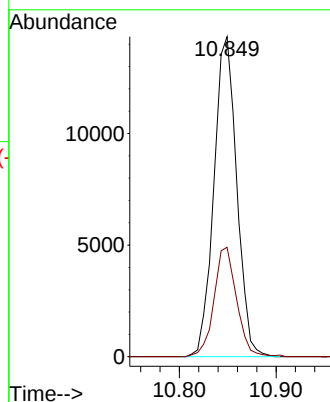
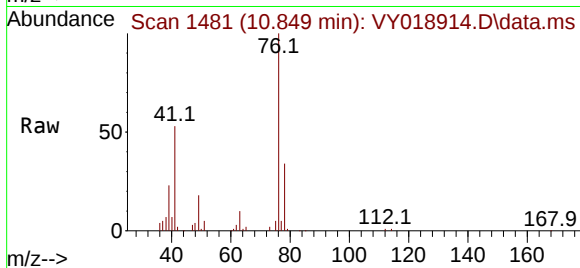
ClientSampleId :

Tgt Ion: 76 Resp: 23533

Ion Ratio Lower Upper

76 100

78 33.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 106.125 ug/l

RT: 9.825 min Scan# 1313

Delta R.T. 0.049 min

Lab File: VY018914.D

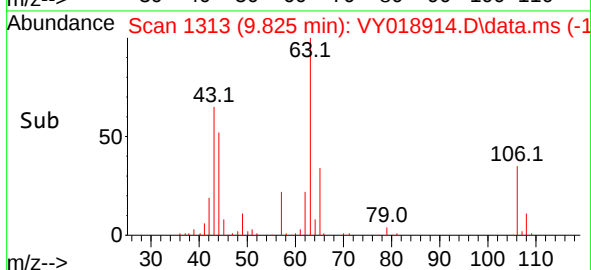
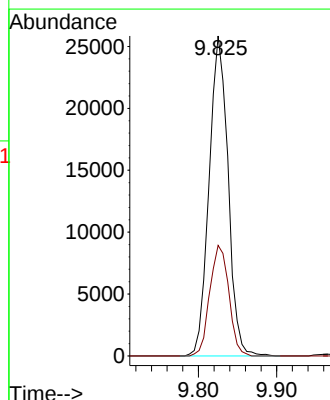
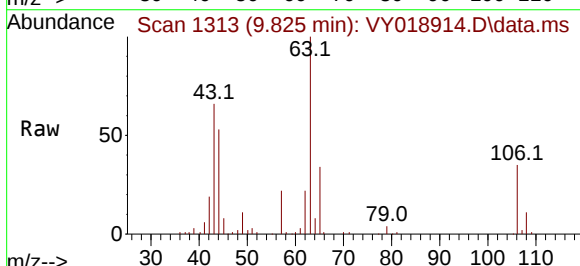
Acq: 25 Jul 2024 13:39

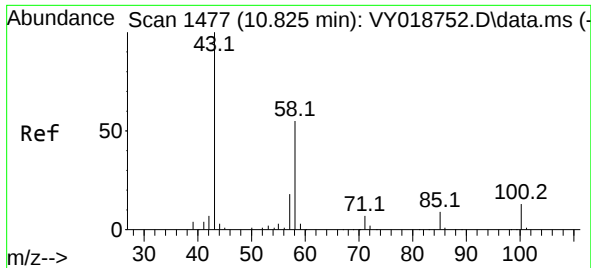
Tgt Ion: 63 Resp: 43460

Ion Ratio Lower Upper

63 100

106 34.7 23.7 35.5

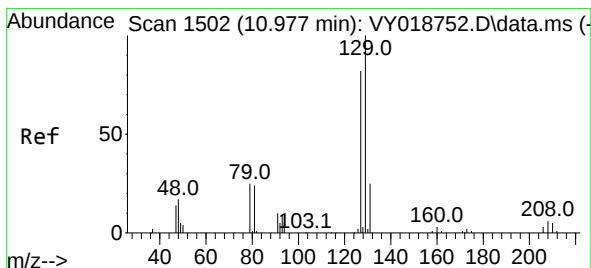
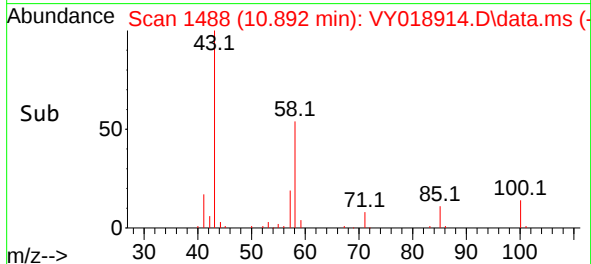
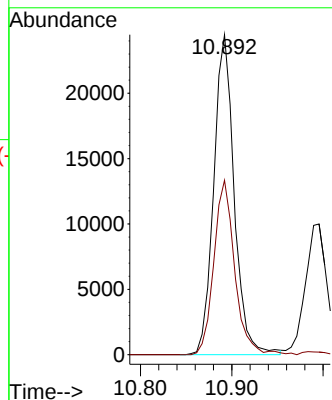
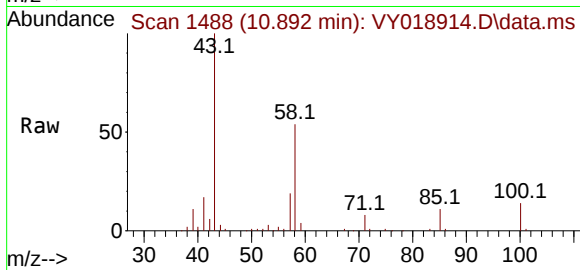




#59
2-Hexanone
Concen: 102.523 ug/l
RT: 10.892 min Scan# 1477
Delta R.T. 0.067 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

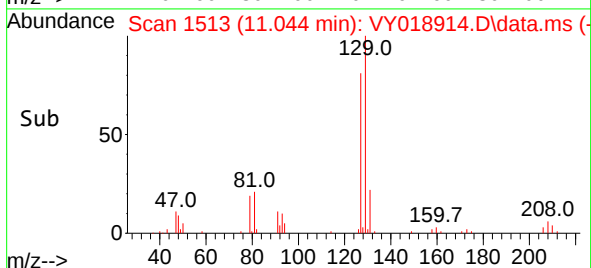
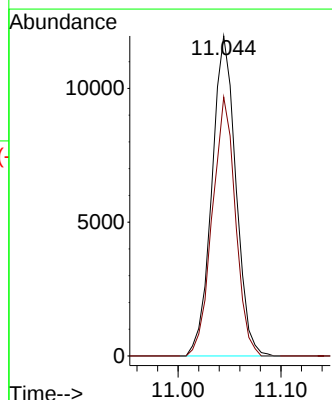
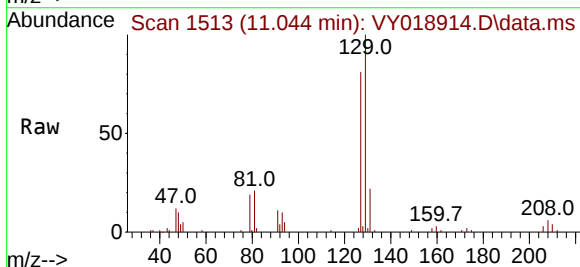
Instrument :
MSVOA_Y
ClientSampleId :

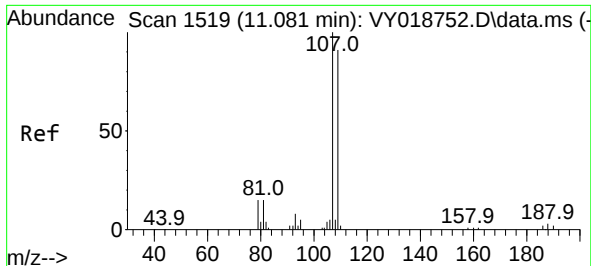
Tgt Ion: 43 Resp: 38031
Ion Ratio Lower Upper
43 100
58 55.6 31.4 94.0



#60
Dibromochloromethane
Concen: 21.633 ug/l
RT: 11.044 min Scan# 1513
Delta R.T. 0.067 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion:129 Resp: 19352
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

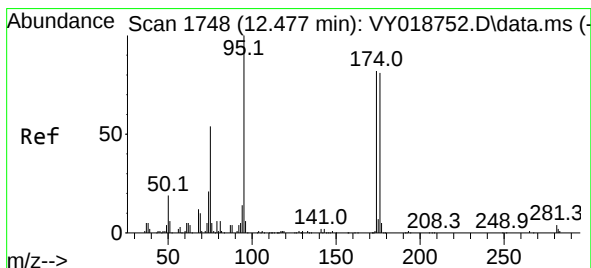
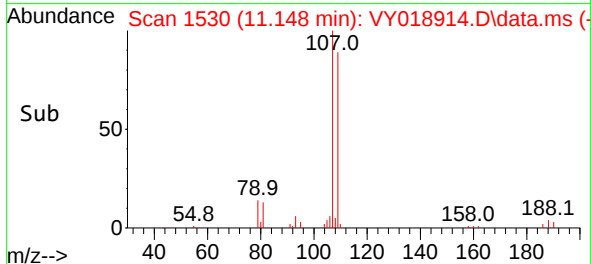
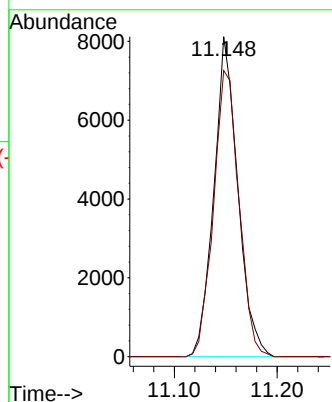
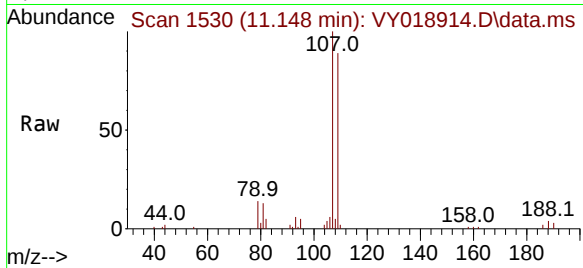




#61
1,2-Dibromoethane
Concen: 20.772 ug/l
RT: 11.148 min Scan# 11
Delta R.T. 0.067 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

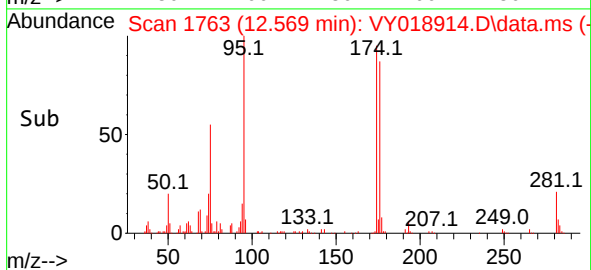
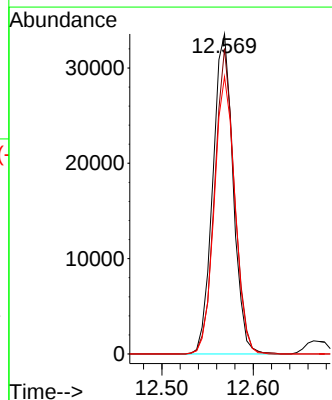
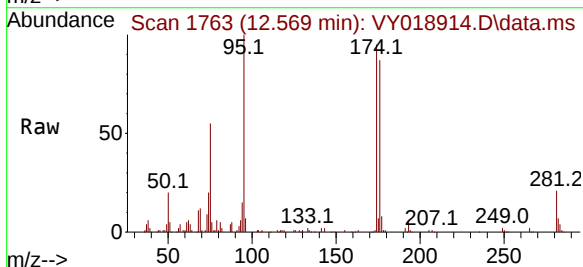
Instrument :
MSVOA_Y
ClientSampleId :

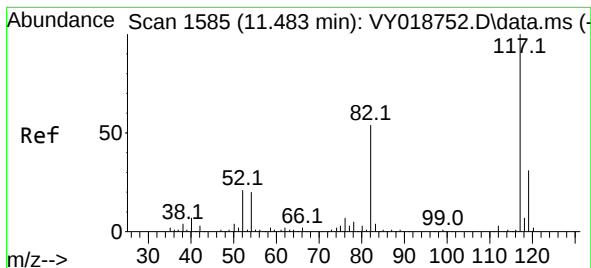
Tgt Ion:107 Resp: 13148
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 43.845 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. 0.091 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 95 Resp: 51615
Ion Ratio Lower Upper
95 100
174 93.2 0.0 175.6
176 88.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.556 min Scan# 11

Delta R.T. 0.073 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

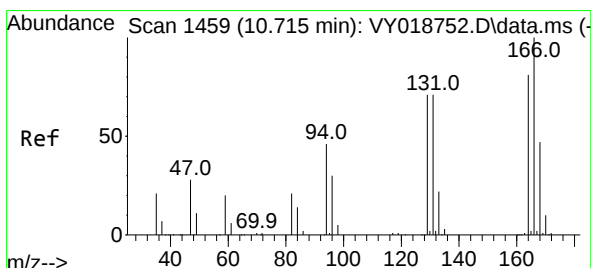
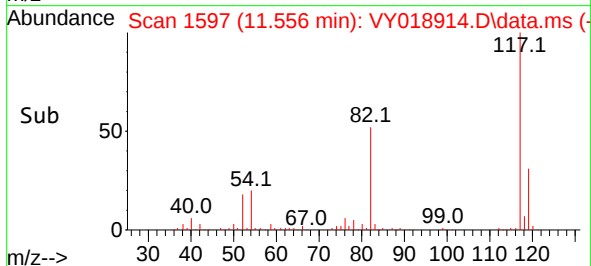
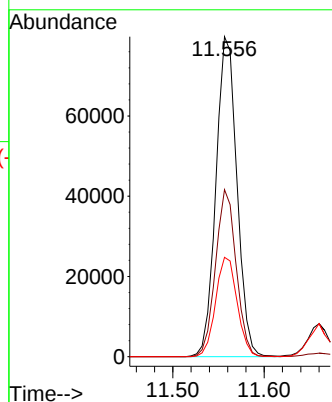
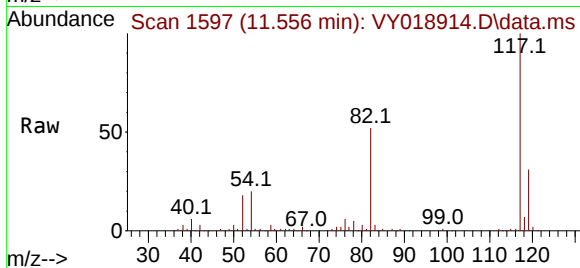
Tgt Ion:117 Resp: 127344

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 31.1 25.9 38.9



#64

Tetrachloroethene

Concen: 20.456 ug/l

RT: 10.776 min Scan# 1469

Delta R.T. 0.061 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Tgt Ion:164 Resp: 21085

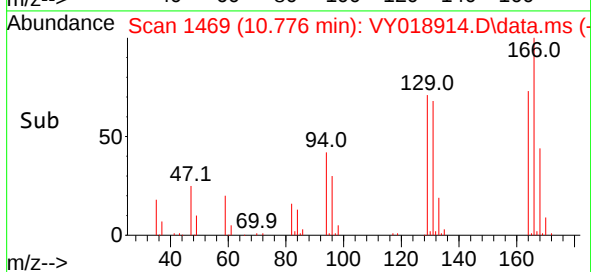
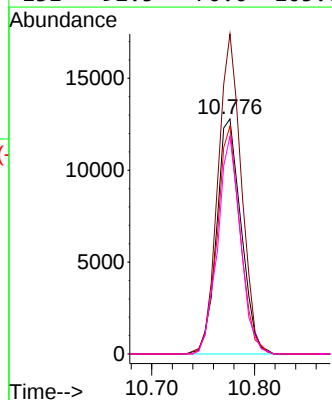
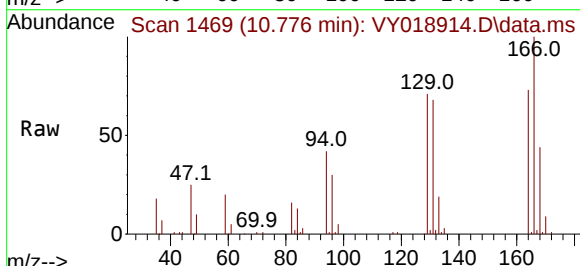
Ion Ratio Lower Upper

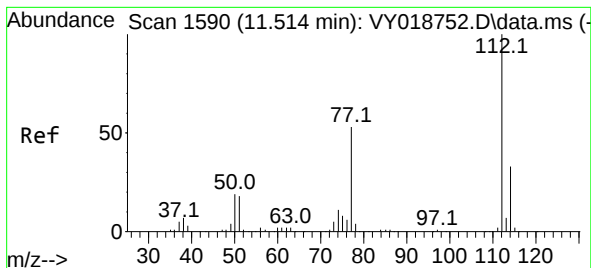
164 100

166 136.1 102.6 154.0

129 96.9 72.0 108.0

131 92.5 70.0 105.0





#65

Chlorobenzene

Concen: 20.123 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.073 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

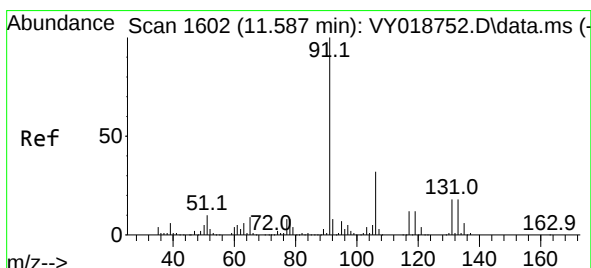
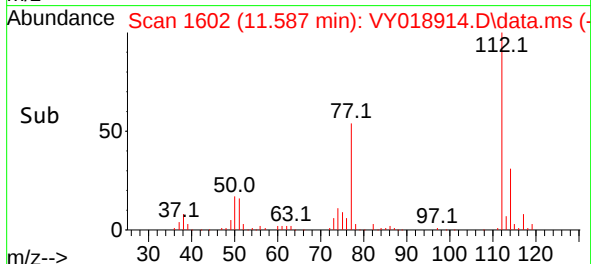
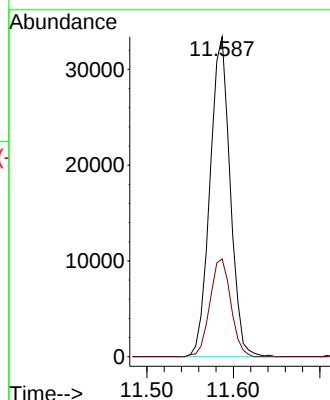
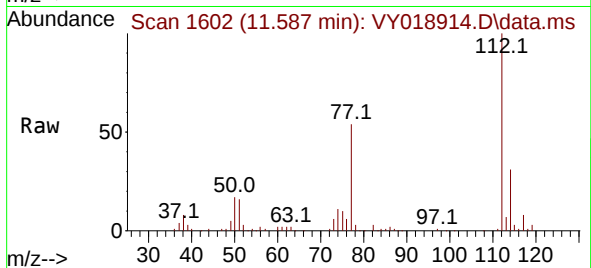
ClientSampleId :

Tgt Ion:112 Resp: 54056

Ion Ratio Lower Upper

112 100

114 30.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.790 ug/l

RT: 11.660 min Scan# 1614

Delta R.T. 0.073 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

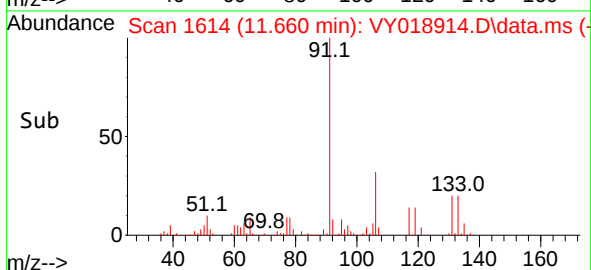
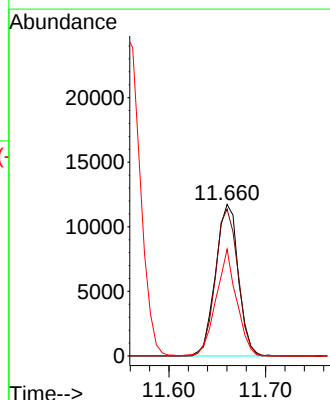
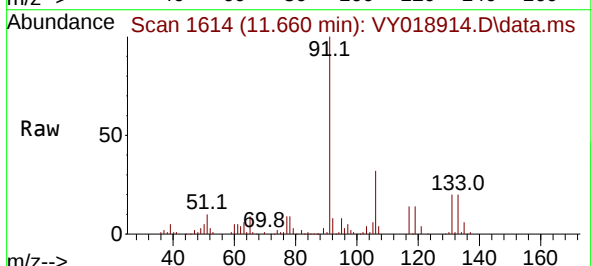
Tgt Ion:131 Resp: 19242

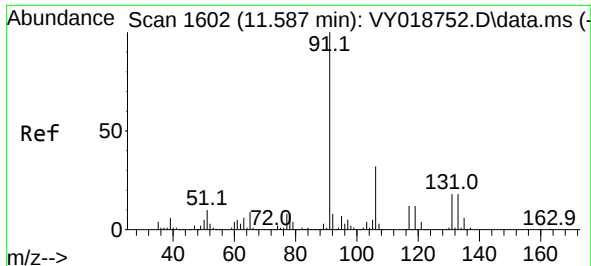
Ion Ratio Lower Upper

131 100

133 95.8 47.8 143.3

119 63.4 34.1 102.2





#67

Ethyl Benzene

Concen: 19.593 ug/l

RT: 11.660 min Scan# 1614

Delta R.T. 0.073 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

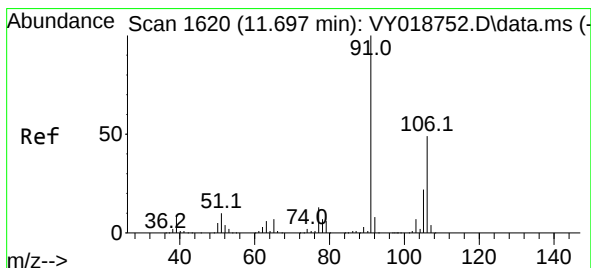
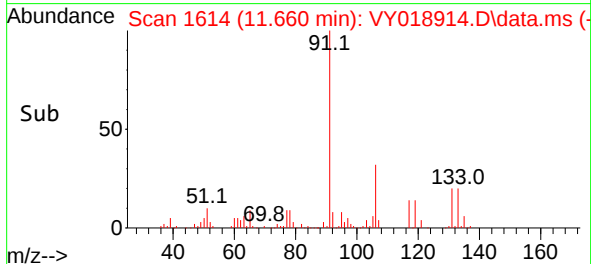
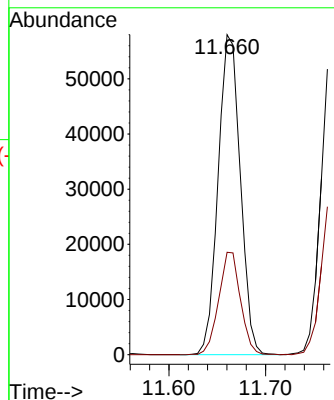
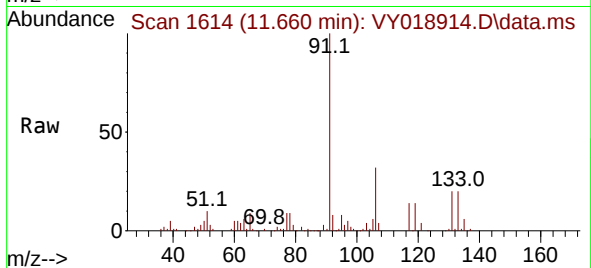
ClientSampleId :

Tgt Ion: 91 Resp: 92202

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 15.693 ug/l

RT: 11.660 min Scan# 1614

Delta R.T. -0.037 min

Lab File: VY018914.D

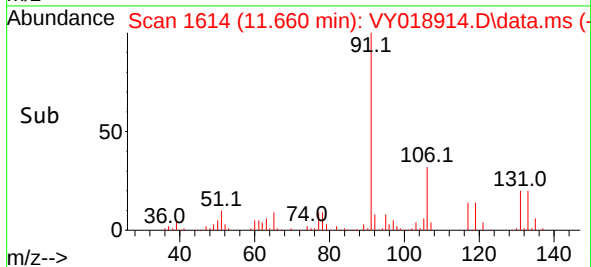
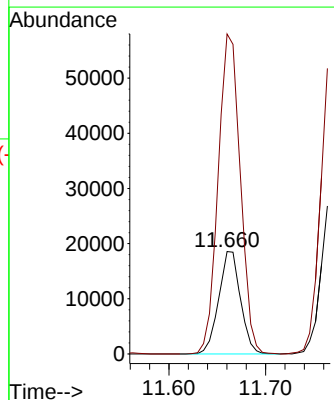
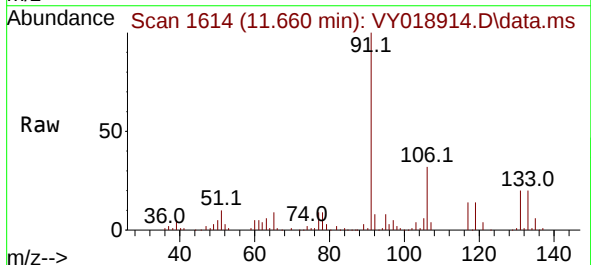
Acq: 25 Jul 2024 13:39

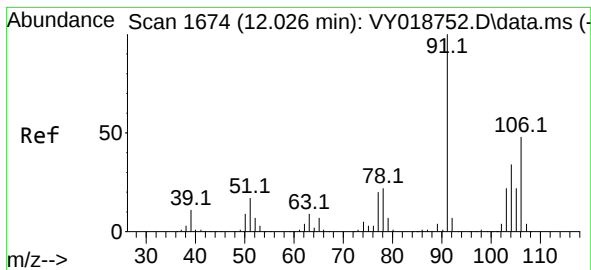
Tgt Ion: 106 Resp: 28980

Ion Ratio Lower Upper

106 100

91 318.2 156.0 234.0#





#69

o-Xylene

Concen: 19.445 ug/l

RT: 12.105 min Scan# 1

Delta R.T. 0.079 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

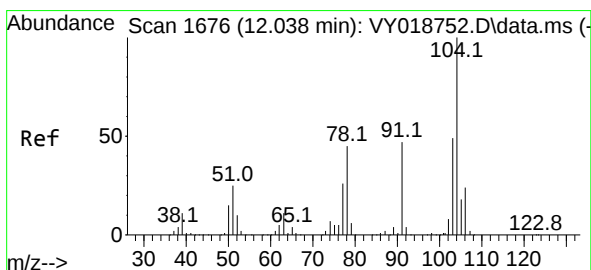
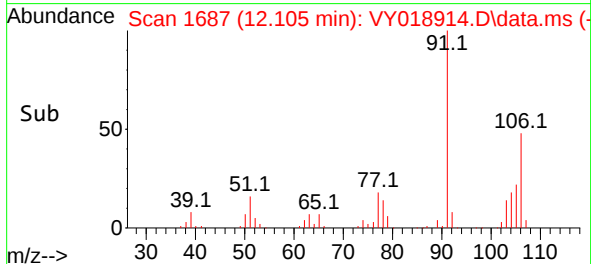
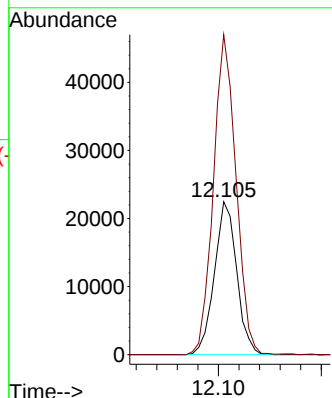
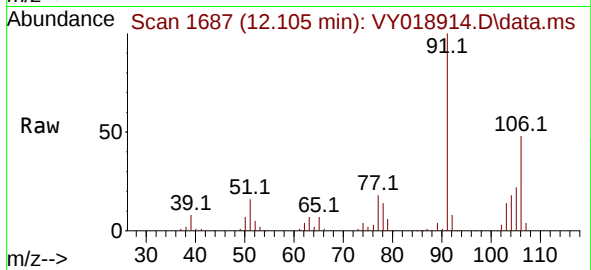
ClientSampleId :

Tgt Ion:106 Resp: 33760

Ion Ratio Lower Upper

106 100

91 212.1 103.6 310.8



#70

Styrene

Concen: 19.509 ug/l

RT: 12.123 min Scan# 1690

Delta R.T. 0.085 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

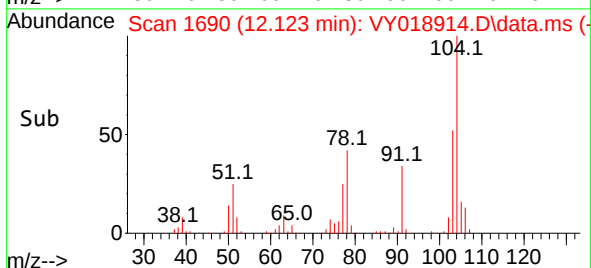
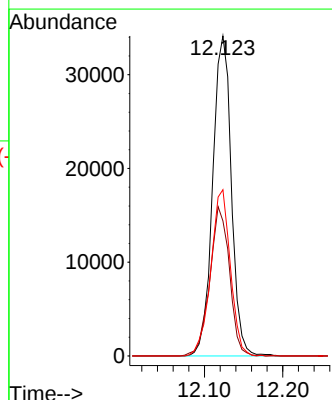
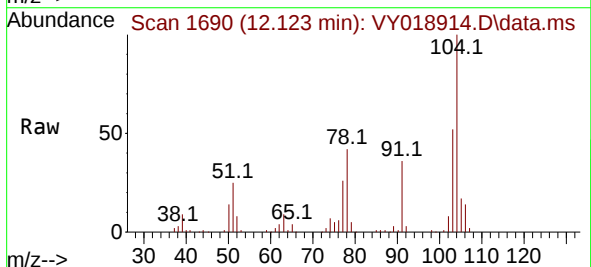
Tgt Ion:104 Resp: 56515

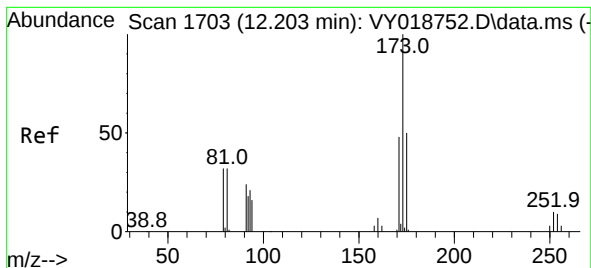
Ion Ratio Lower Upper

104 100

78 49.1 37.0 55.4

103 54.4 44.2 66.2





#71

Bromoform

Concen: 22.946 ug/l

RT: 12.288 min Scan# 11

Delta R.T. 0.085 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

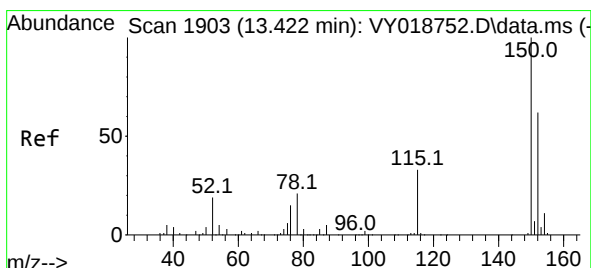
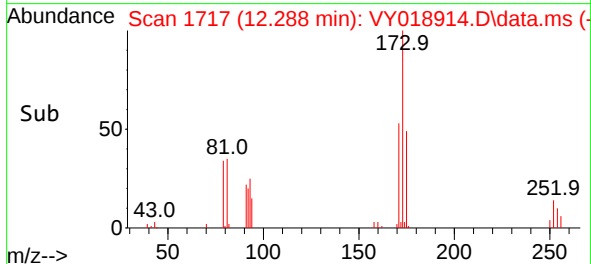
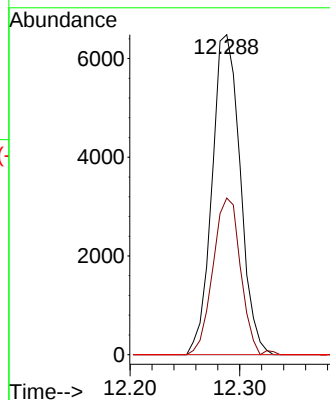
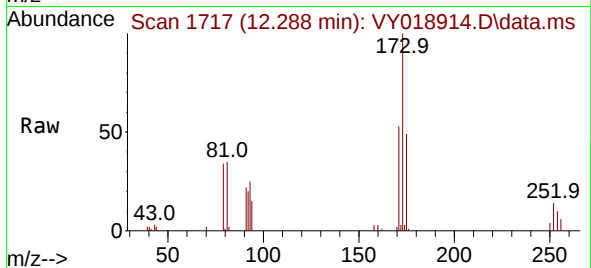
Tgt Ion:173 Resp: 11576

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.532 min Scan# 1921

Delta R.T. 0.110 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

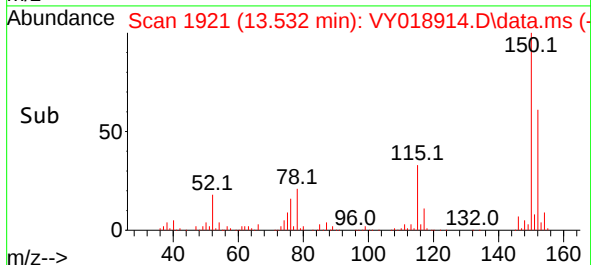
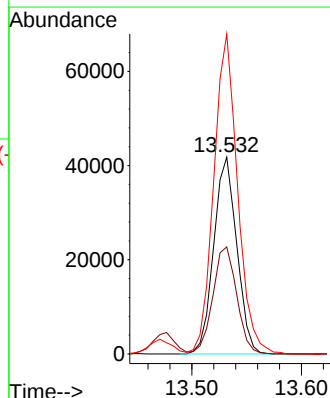
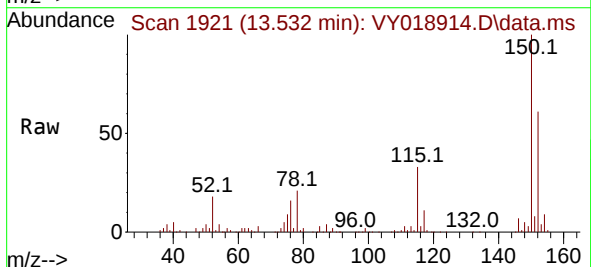
Tgt Ion:152 Resp: 61103

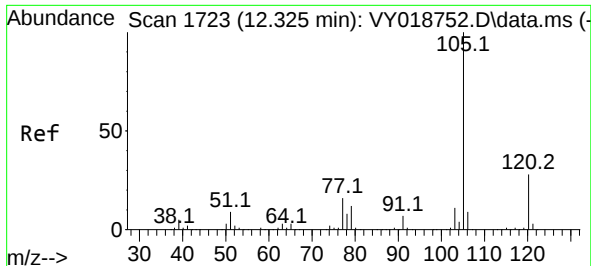
Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 167.5 0.0 345.6

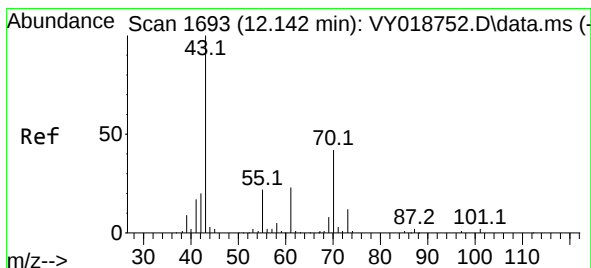
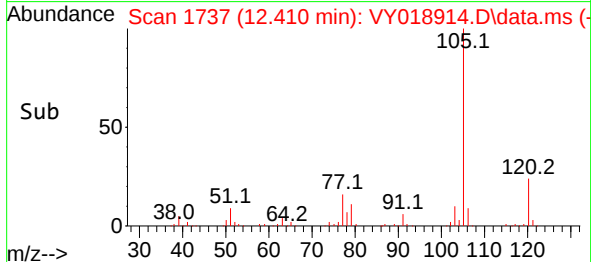
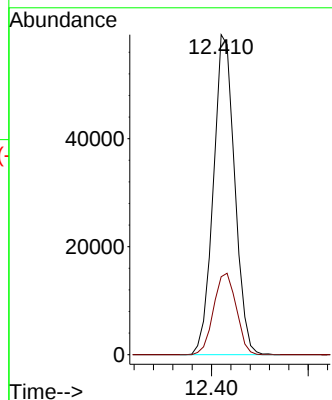
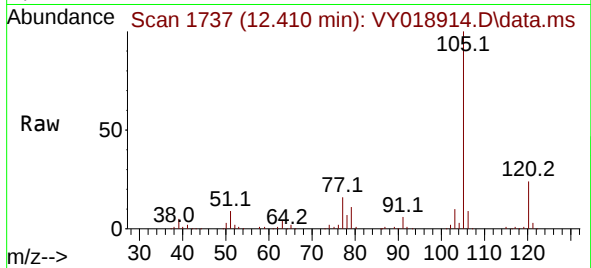




#73
Isopropylbenzene
Concen: 20.239 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. 0.085 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

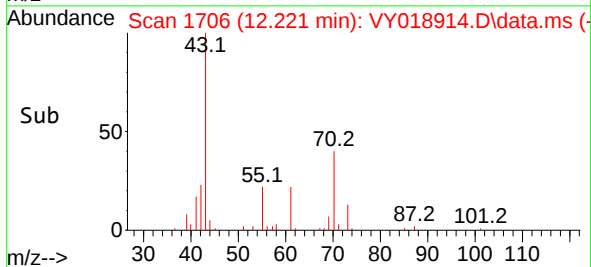
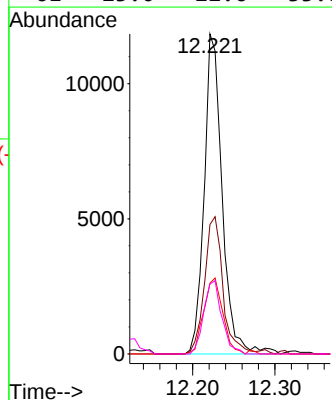
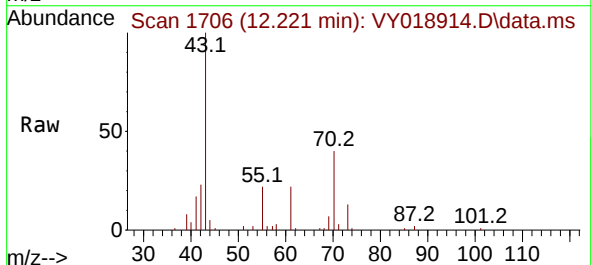
Instrument :
MSVOA_Y
ClientSampleId :

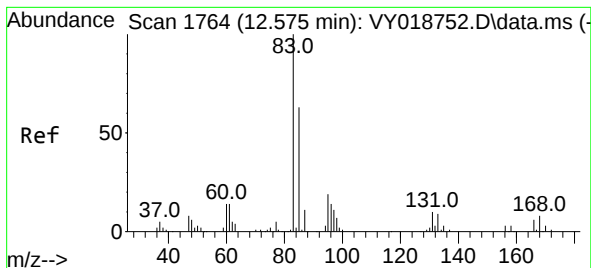
Tgt Ion:105 Resp: 90507
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 19.738 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.079 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 43 Resp: 18051
Ion Ratio Lower Upper
43 100
70 43.9 41.4 62.2
55 25.1 23.3 34.9
61 23.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.082 ug/l

RT: 12.672 min Scan# 1763

Delta R.T. 0.098 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

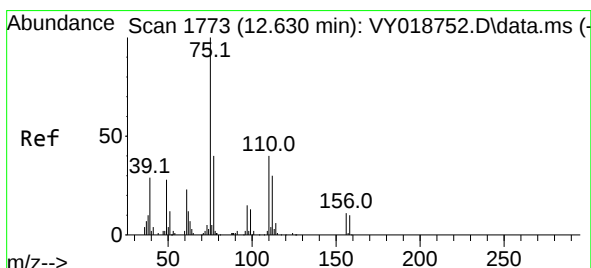
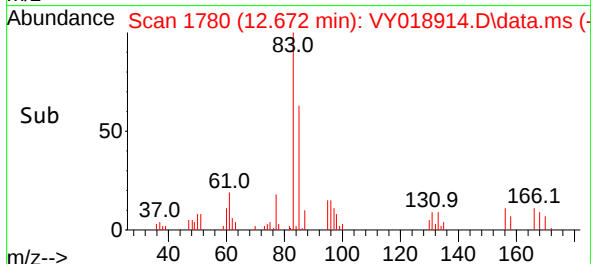
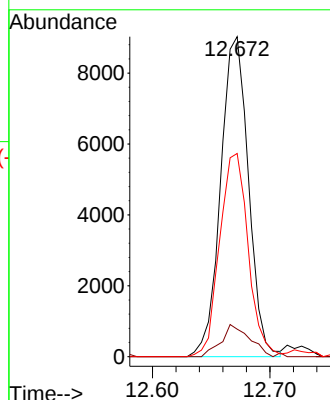
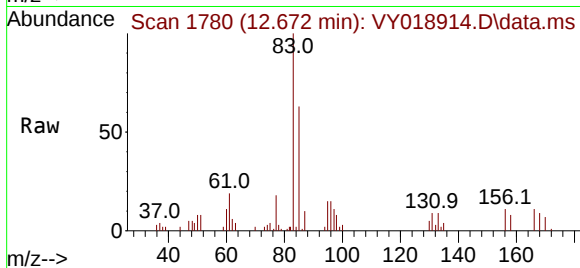
Tgt Ion: 83 Resp: 14862

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 65.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 59.005 ug/l

RT: 12.569 min Scan# 1763

Delta R.T. -0.062 min

Lab File: VY018914.D

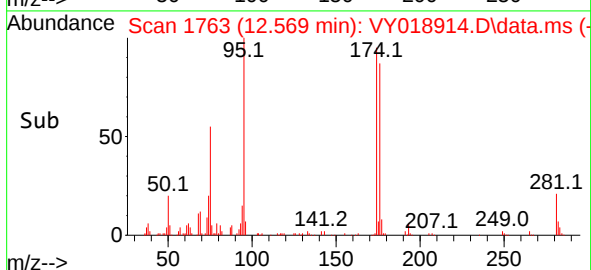
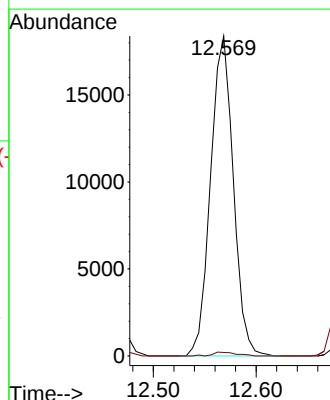
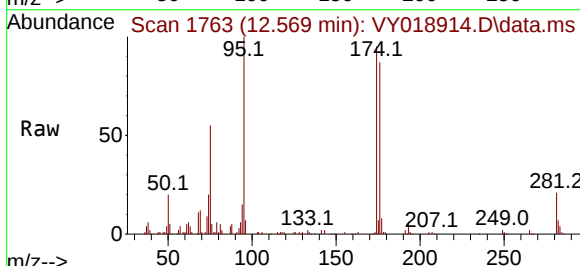
Acq: 25 Jul 2024 13:39

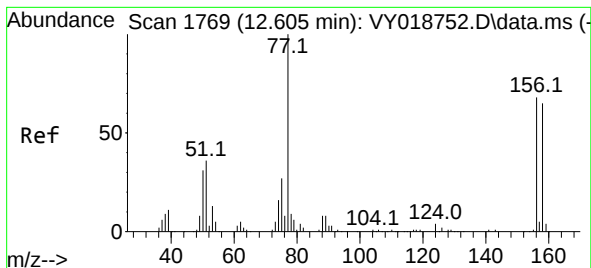
Tgt Ion: 75 Resp: 28238

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.934 ug/l

RT: 12.697 min Scan# 1784

Delta R.T. 0.091 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

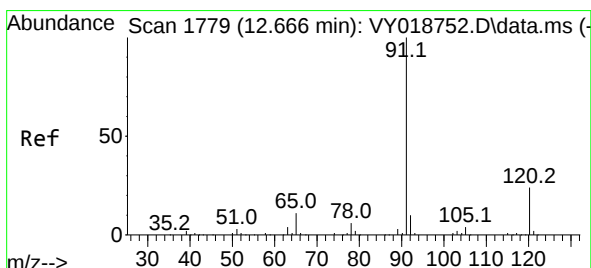
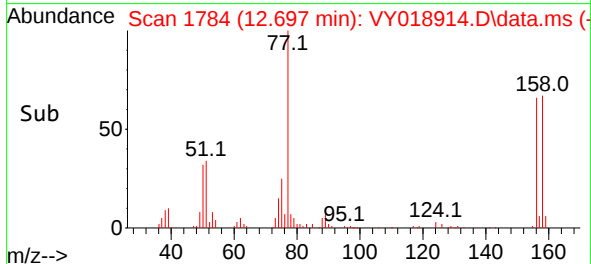
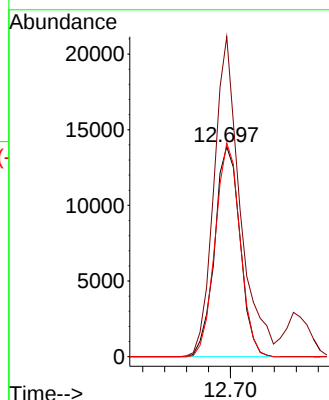
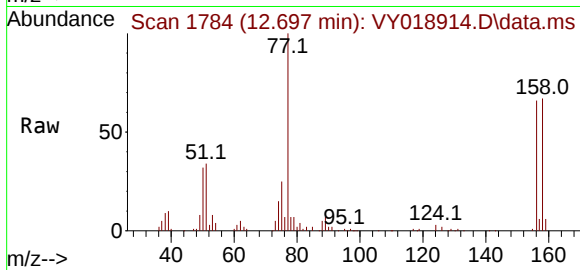
Tgt Ion:156 Resp: 22349

Ion Ratio Lower Upper

156 100

77 156.9 87.1 261.3

158 99.6 48.6 145.9



#78

n-propylbenzene

Concen: 19.704 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.098 min

Lab File: VY018914.D

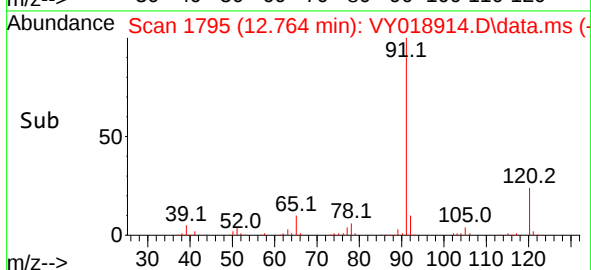
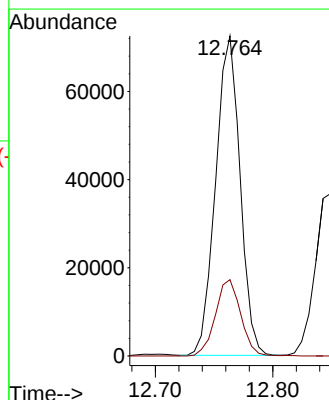
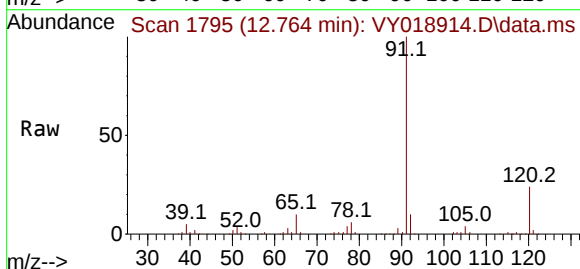
Acq: 25 Jul 2024 13:39

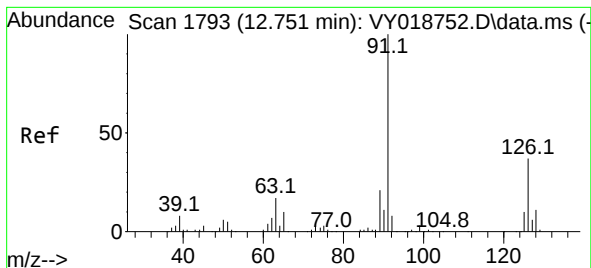
Tgt Ion: 91 Resp: 104636

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.860 ug/l

RT: 12.849 min Scan# 1809

Delta R.T. 0.097 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

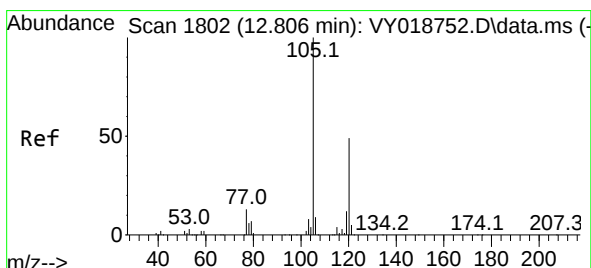
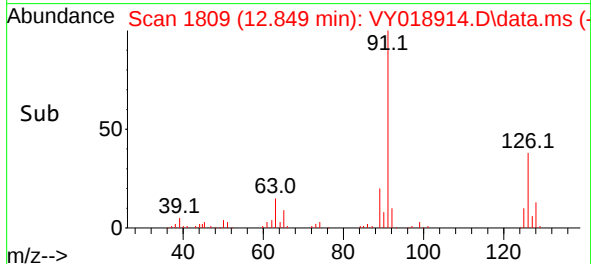
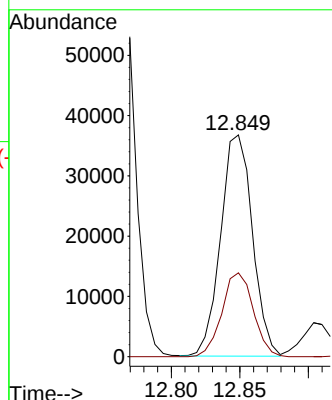
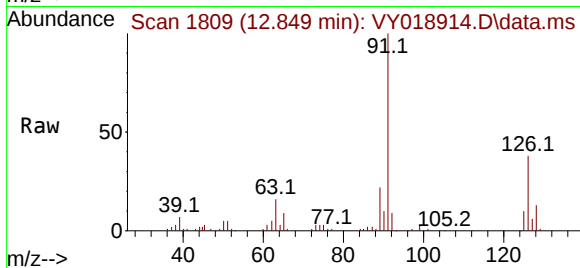
ClientSampleId :

Tgt Ion: 91 Resp: 59302

Ion Ratio Lower Upper

91 100

126 37.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.843 ug/l

RT: 12.904 min Scan# 1818

Delta R.T. 0.097 min

Lab File: VY018914.D

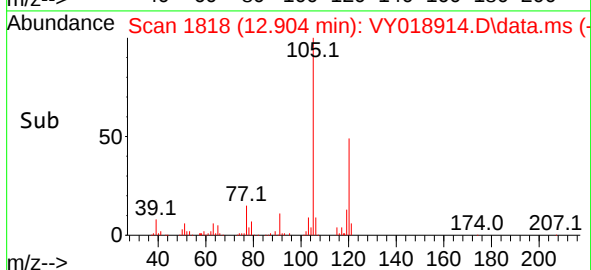
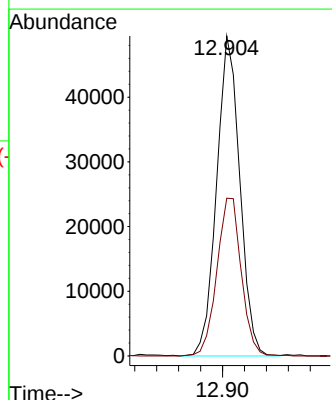
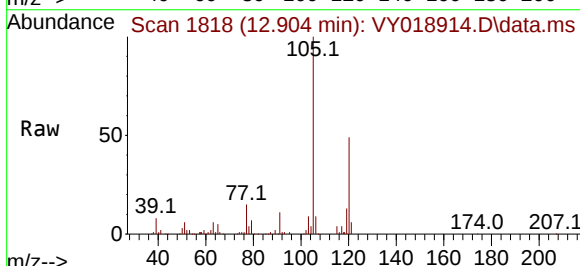
Acq: 25 Jul 2024 13:39

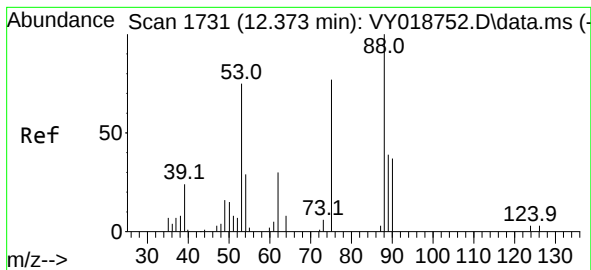
Tgt Ion: 105 Resp: 72604

Ion Ratio Lower Upper

105 100

120 52.0 25.1 75.2

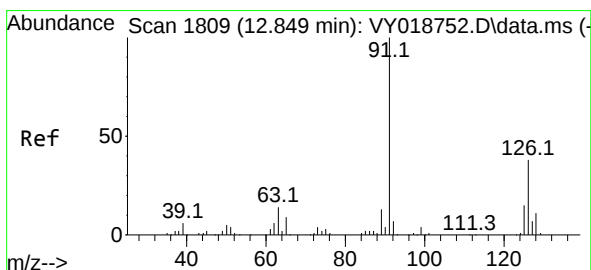
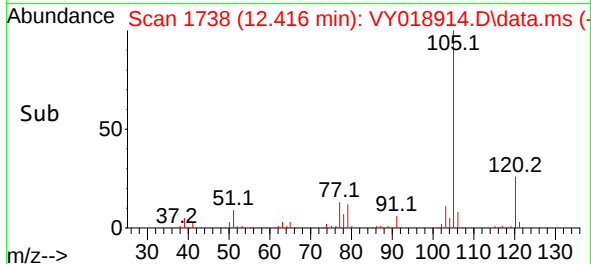
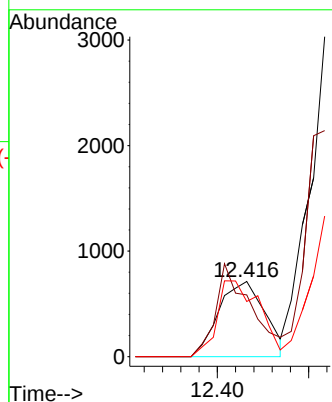
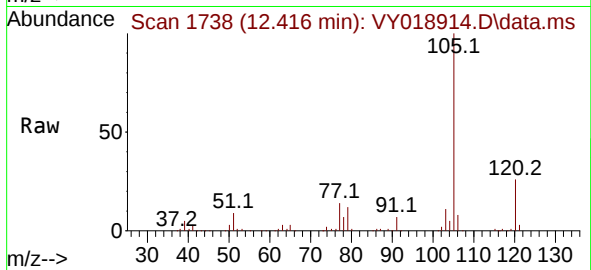




#81
trans-1,4-Dichloro-2-butene
Concen: 5.832 ug/l
RT: 12.416 min Scan# 1738
Delta R.T. 0.043 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

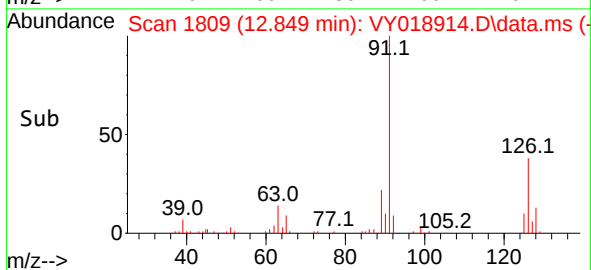
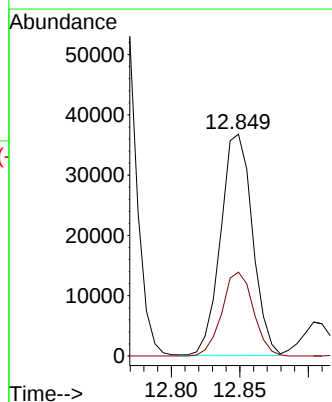
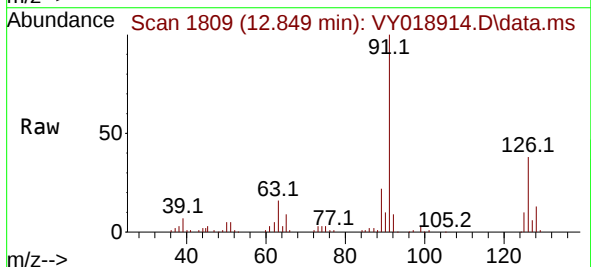
Instrument :
MSVOA_Y
ClientSampleId :

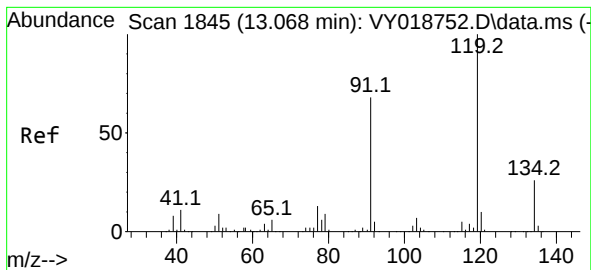
Tgt Ion: 75 Resp: 1247
Ion Ratio Lower Upper
75 100
53 95.5 66.8 100.2
89 92.9 35.8 53.6#



#82
4-Chlorotoluene
Concen: 19.286 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion: 91 Resp: 59302
Ion Ratio Lower Upper
91 100
126 37.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.179 ug/l

RT: 13.172 min Scan# 1862

Delta R.T. 0.104 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

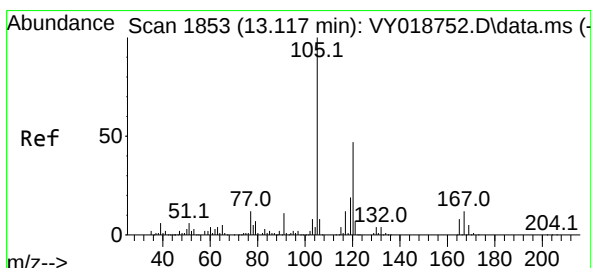
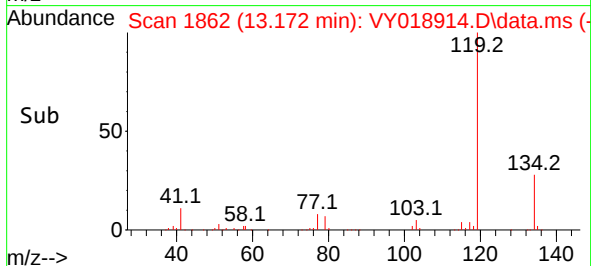
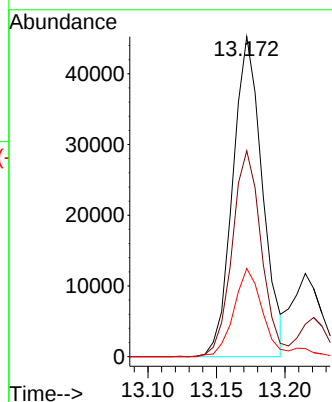
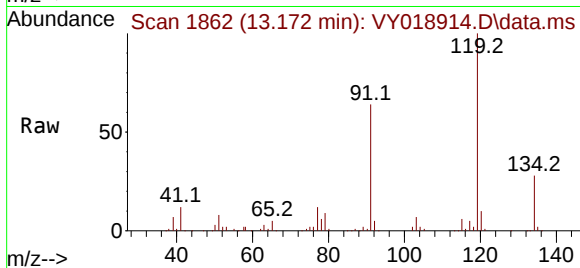
Tgt Ion:119 Resp: 68168

Ion Ratio Lower Upper

119 100

91 63.8 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.067 ug/l

RT: 13.221 min Scan# 1870

Delta R.T. 0.104 min

Lab File: VY018914.D

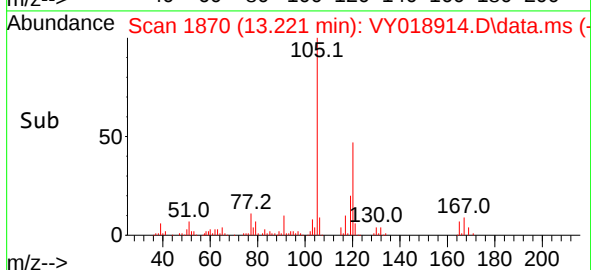
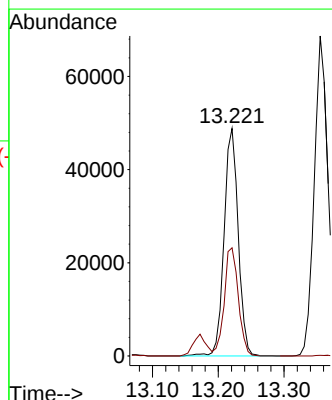
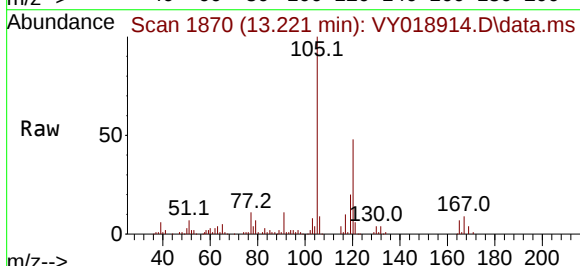
Acq: 25 Jul 2024 13:39

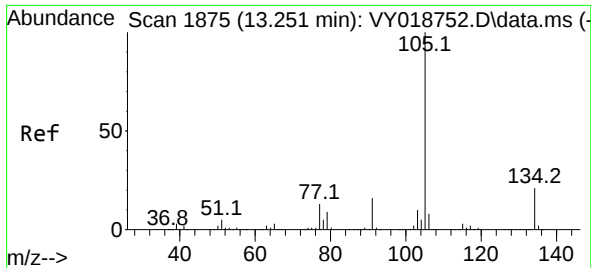
Tgt Ion:105 Resp: 72964

Ion Ratio Lower Upper

105 100

120 47.4 23.2 69.6

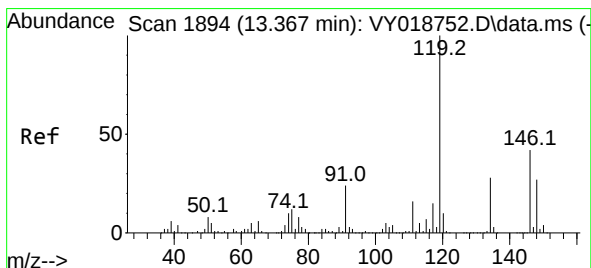
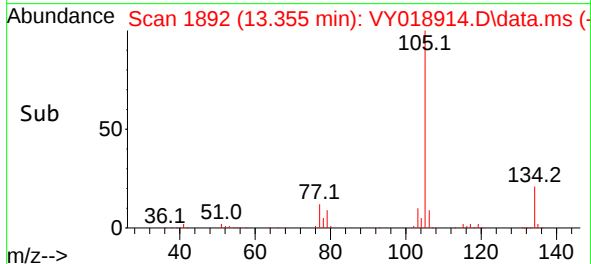
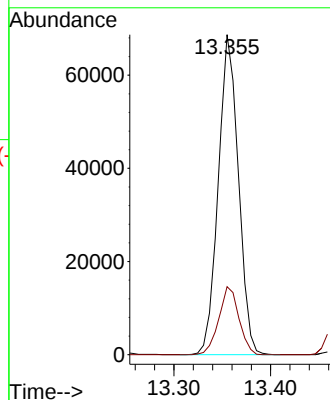
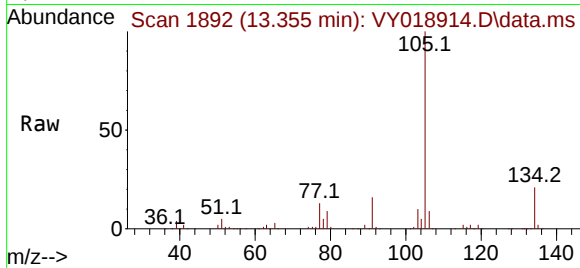




#85
 sec-Butylbenzene
 Concen: 20.645 ug/l
 RT: 13.355 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018914.D
 Acq: 25 Jul 2024 13:39

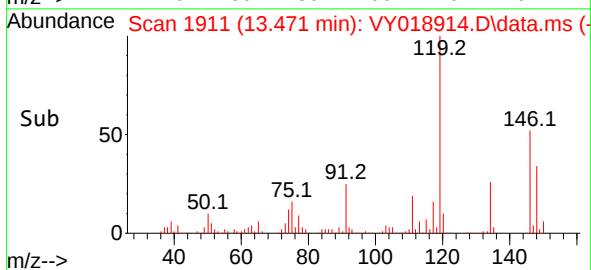
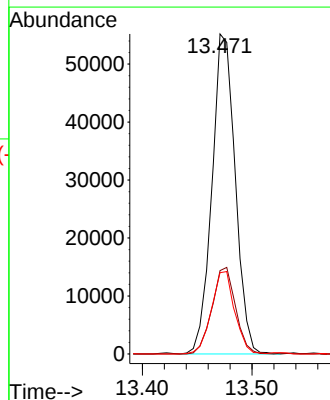
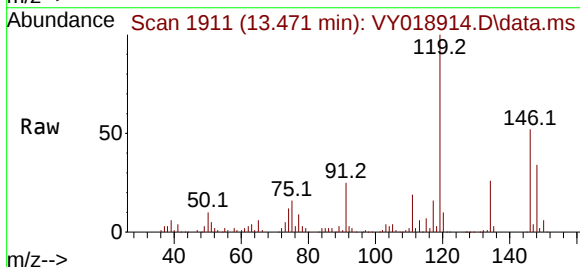
Instrument :
 MSVOA_Y
 ClientSampleId :

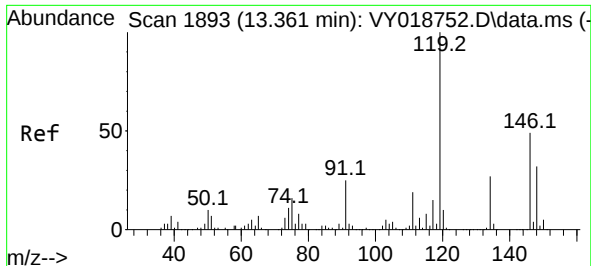
Tgt Ion:105 Resp: 98991
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.699 ug/l
 RT: 13.471 min Scan# 1911
 Delta R.T. 0.104 min
 Lab File: VY018914.D
 Acq: 25 Jul 2024 13:39

Tgt Ion:119 Resp: 81543
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.3
 91 25.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.326 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.110 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

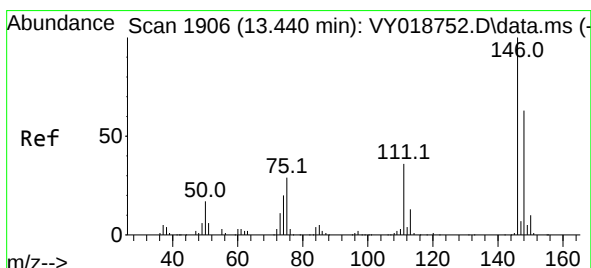
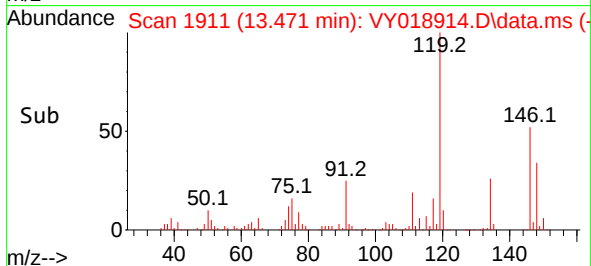
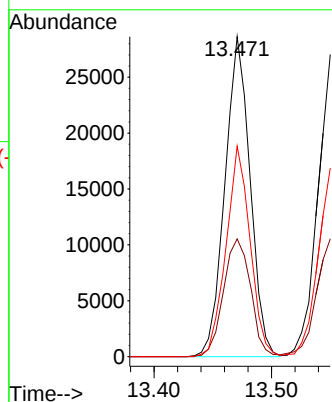
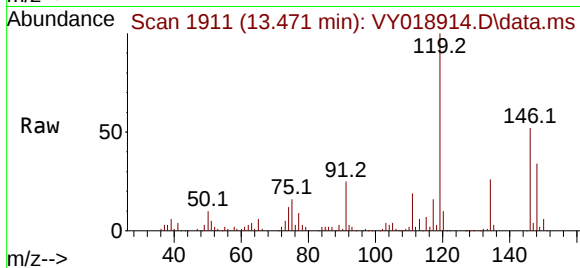
Tgt Ion:146 Resp: 42618

Ion Ratio Lower Upper

146 100

111 39.7 19.0 57.0

148 63.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.508 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.030 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

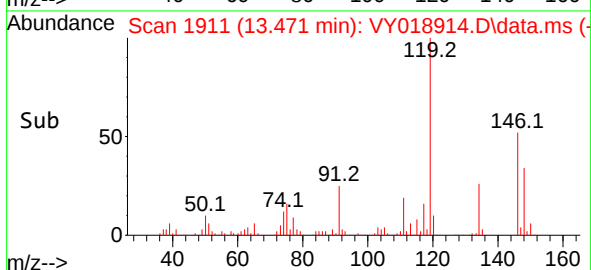
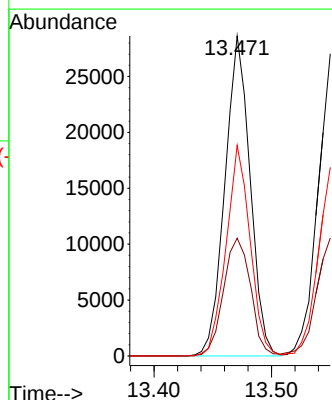
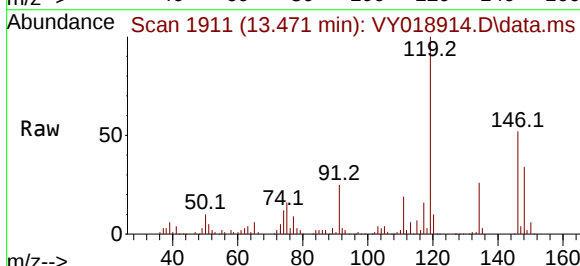
Tgt Ion:146 Resp: 42618

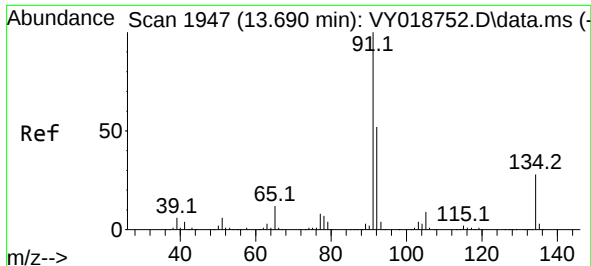
Ion Ratio Lower Upper

146 100

111 39.7 18.4 55.4

148 63.0 32.4 97.2

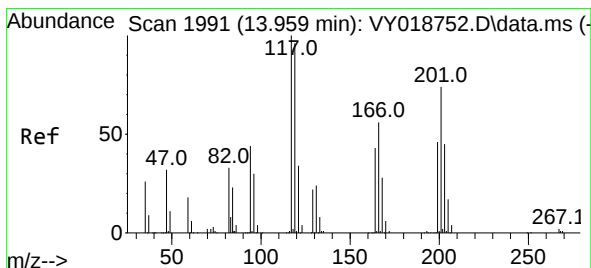
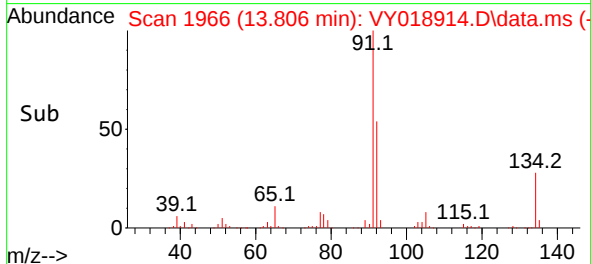
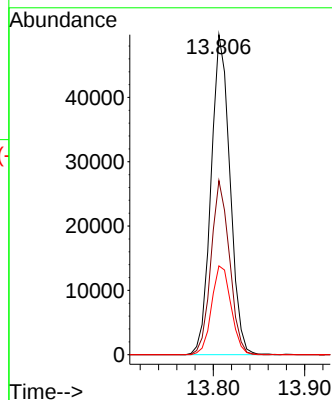
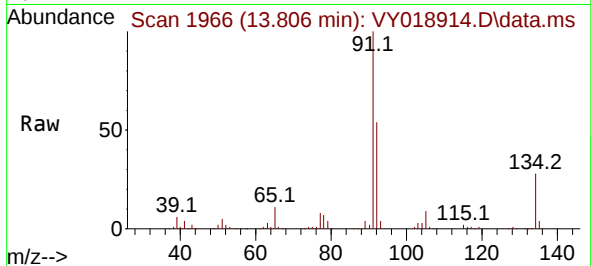




#89
n-Butylbenzene
Concen: 19.026 ug/l
RT: 13.806 min Scan# 1947
Delta R.T. 0.116 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

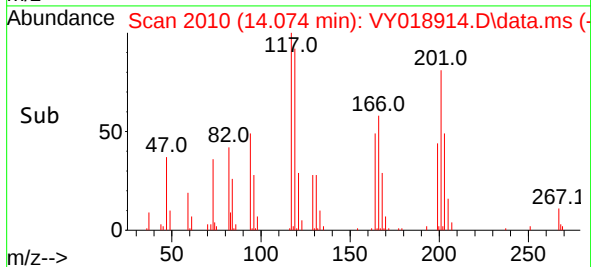
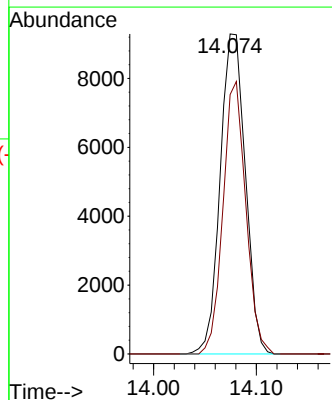
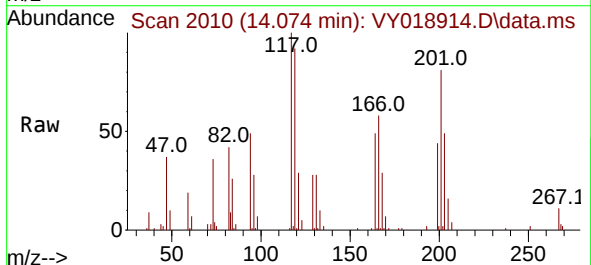
Instrument :
MSVOA_Y
ClientSampleId :

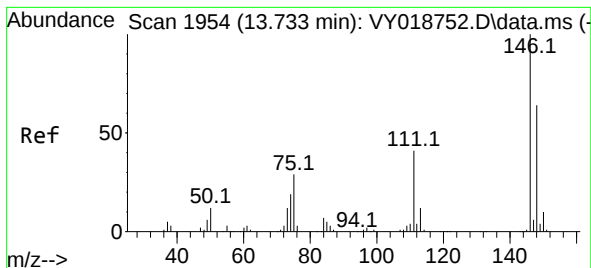
Tgt Ion:	91	Resp:	71402
Ion Ratio	Lower	Upper	
91	100		
92	53.2	26.6	79.7
134	28.5	12.9	38.7



#90
Hexachloroethane
Concen: 20.555 ug/l
RT: 14.074 min Scan# 2010
Delta R.T. 0.116 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion:	117	Resp:	15824
Ion Ratio	Lower	Upper	
117	100		
201	77.2	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 21.604 ug/l

RT: 13.849 min Scan# 1954

Delta R.T. 0.116 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

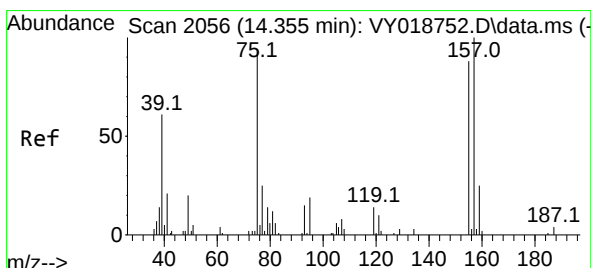
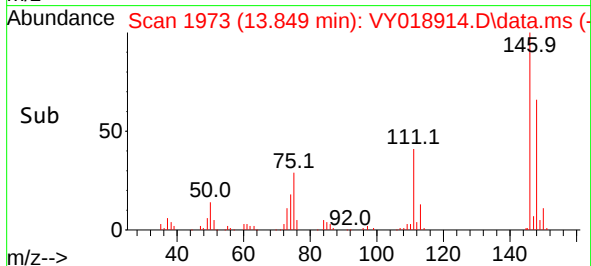
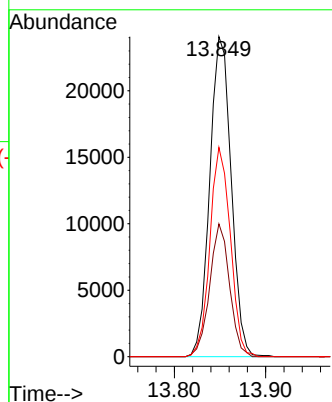
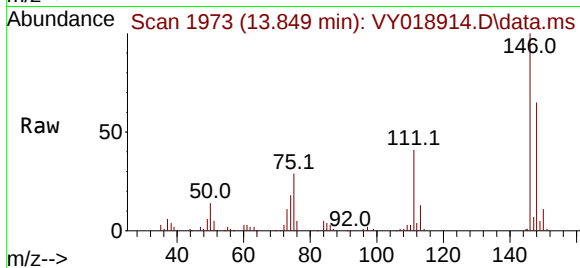
Tgt Ion:146 Resp: 39130

Ion Ratio Lower Upper

146 100

111 38.5 19.9 59.7

148 62.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.688 ug/l

RT: 14.483 min Scan# 2077

Delta R.T. 0.128 min

Lab File: VY018914.D

Acq: 25 Jul 2024 13:39

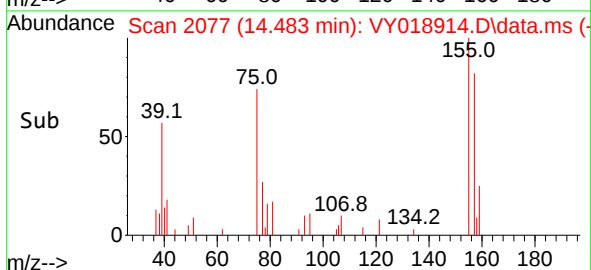
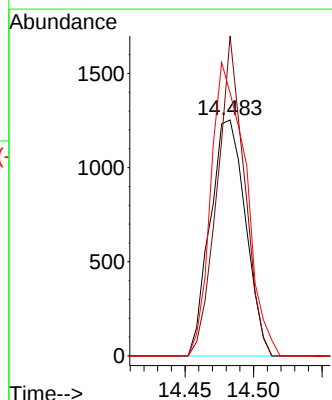
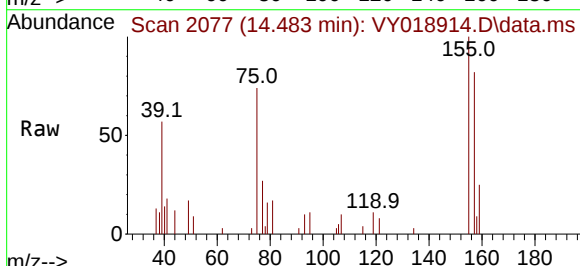
Tgt Ion: 75 Resp: 2249

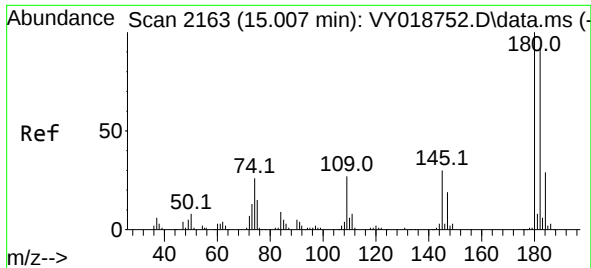
Ion Ratio Lower Upper

75 100

155 104.2 48.6 145.8

157 122.0 62.7 188.2

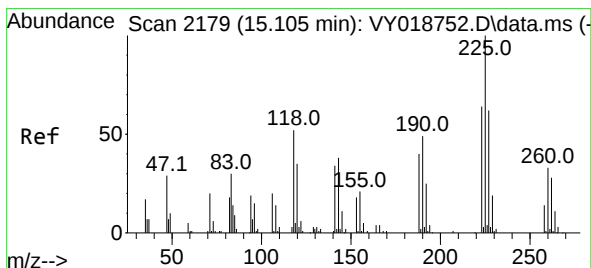
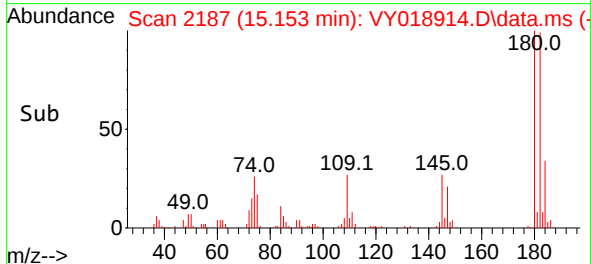
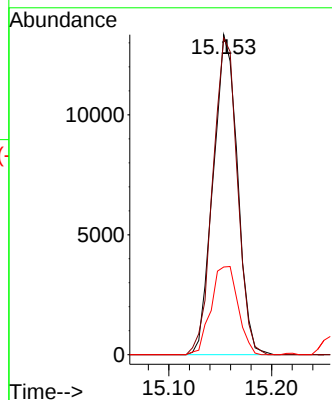
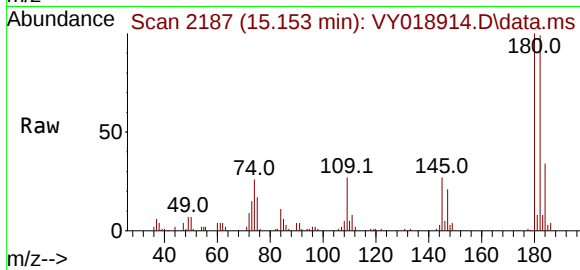




#93
1,2,4-Trichlorobenzene
Concen: 19.755 ug/l
RT: 15.153 min Scan# 2163
Delta R.T. 0.146 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

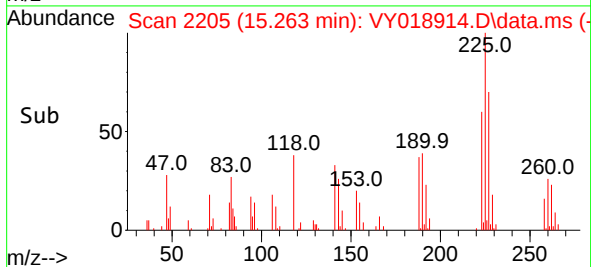
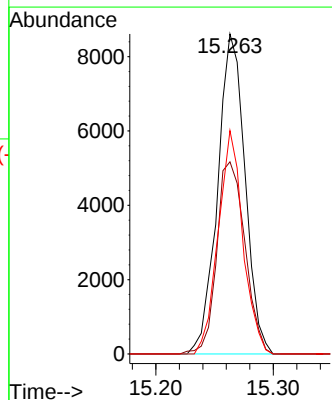
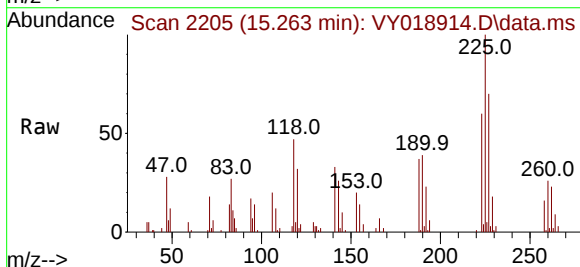
Instrument :
MSVOA_Y
ClientSampleId :

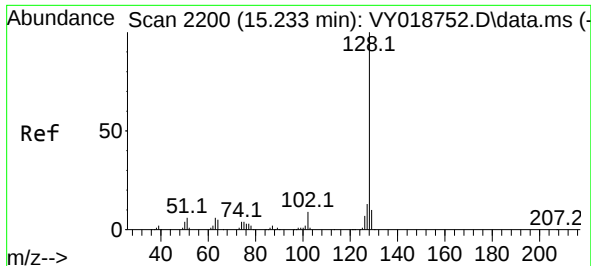
Tgt Ion:180 Resp: 21842
Ion Ratio Lower Upper
180 100
182 99.8 47.9 143.8
145 30.7 14.2 42.6



#94
Hexachlorobutadiene
Concen: 21.921 ug/l
RT: 15.263 min Scan# 2205
Delta R.T. 0.158 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion:225 Resp: 13970
Ion Ratio Lower Upper
225 100
223 61.7 30.4 91.2
227 62.8 31.9 95.9

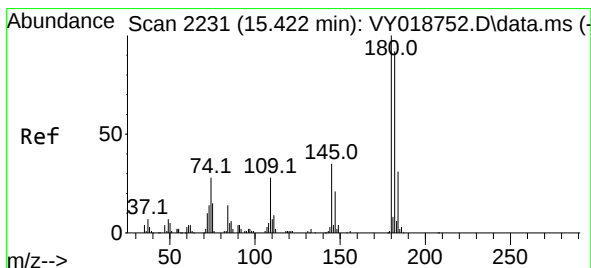
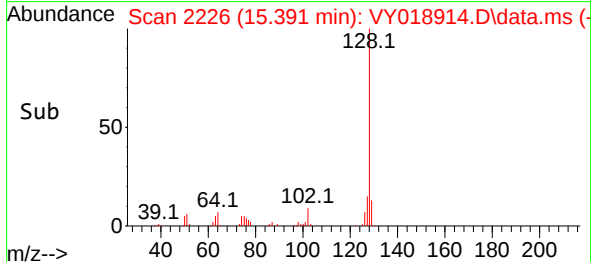
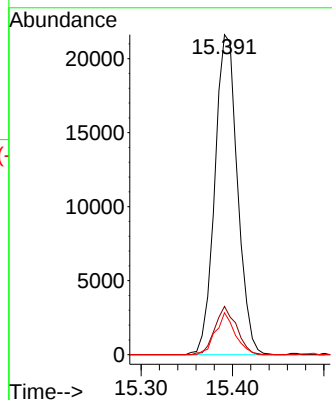
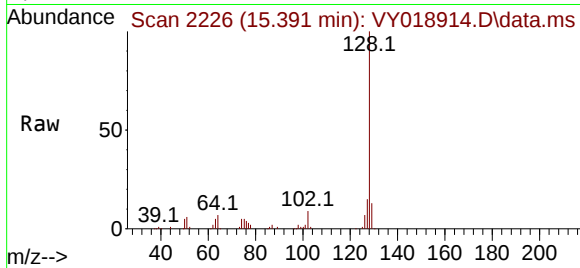




#95
Naphthalene
Concen: 19.654 ug/l
RT: 15.391 min Scan# 2226
Delta R.T. 0.158 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128	Resp:	37279
Ion Ratio	Lower	Upper
128	100	
127	14.4	10.6 16.0
129	11.3	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.542 ug/l
RT: 15.592 min Scan# 2259
Delta R.T. 0.171 min
Lab File: VY018914.D
Acq: 25 Jul 2024 13:39

Tgt Ion:180	Resp:	18487
Ion Ratio	Lower	Upper
180	100	
182	93.9	47.6 142.9
145	36.2	15.4 46.1

