

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018458.D
 Acq On : 04 Jun 2024 12:49
 Operator : SY/MD
 Sample : VY0604SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:22:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	47231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	77993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	70801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58256	62.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.620%
35) Dibromofluoromethane	7.704	113	58023	58.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.340%
50) Toluene-d8	10.173	98	230903	58.686	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.380%
62) 4-Bromofluorobenzene	12.477	95	71243	58.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	116.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	14612	19.480	ug/l	94
3) Chloromethane	2.107	50	35557	25.418	ug/l	95
4) Vinyl Chloride	2.241	62	39428	23.564	ug/l	99
5) Bromomethane	2.637	94	27716	24.828	ug/l	88
6) Chloroethane	2.778	64	25194	23.848	ug/l	96
7) Trichlorofluoromethane	3.107	101	38002	21.951	ug/l	99
8) Diethyl Ether	3.515	74	10831	20.793	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.875	101	20575	20.410	ug/l	91
10) Methyl Iodide	4.070	142	18487	18.670	ug/l	95
11) Tert butyl alcohol	4.936	59	13067	80.595	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	20153	20.339	ug/l #	83
13) Acrolein	3.723	56	7289	76.773	ug/l	97
14) Allyl chloride	4.454	41	33232	22.901	ug/l #	93
15) Acrylonitrile	5.143	53	24509	102.884	ug/l	96
16) Acetone	3.936	43	19378	94.128	ug/l	95
17) Carbon Disulfide	4.180	76	61846	21.278	ug/l	96
18) Methyl Acetate	4.454	43	11306	21.962	ug/l	91
19) Methyl tert-butyl Ether	5.198	73	48641	20.369	ug/l	100
20) Methylene Chloride	4.692	84	28462	22.507	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	22785	21.549	ug/l	90
22) Diisopropyl ether	6.106	45	65716	22.237	ug/l	93
23) Vinyl Acetate	6.039	43	211986	110.221	ug/l #	93
24) 1,1-Dichloroethane	5.997	63	40624	22.039	ug/l	93
25) 2-Butanone	6.972	43	32309	102.445	ug/l #	84
26) 2,2-Dichloropropane	6.966	77	32959	20.344	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	25910	21.065	ug/l	91
28) Bromochloromethane	7.326	49	18111	21.351	ug/l #	80
29) Tetrahydrofuran	7.344	42	21896	106.904	ug/l	87
30) Chloroform	7.496	83	40582	21.951	ug/l	97
31) Cyclohexane	7.777	56	37855	21.889	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	33866	20.915	ug/l	95
36) 1,1-Dichloropropene	7.905	75	31044	20.586	ug/l	96
37) Ethyl Acetate	7.063	43	15399	20.441	ug/l	97
38) Carbon Tetrachloride	7.886	117	28870	19.105	ug/l	95
39) Methylcyclohexane	9.173	83	40472	19.853	ug/l	90
40) Benzene	8.149	78	95543	21.146	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	8403	22.932	ug/l #	87
42) 1,2-Dichloroethane	8.228	62	22365	20.360	ug/l	99
43) Isopropyl Acetate	8.264	43	28408	20.167	ug/l #	82
44) Trichloroethene	8.935	130	22648	20.227	ug/l	96
45) 1,2-Dichloropropane	9.209	63	22465	21.741	ug/l	94
46) Dibromomethane	9.301	93	12279	20.726	ug/l	88
47) Bromodichloromethane	9.490	83	28536	20.066	ug/l	99
48) Methyl methacrylate	9.289	41	12765	19.696	ug/l	86
49) 1,4-Dioxane	9.289	88	3026	388.947	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	73078	99.909	ug/l	91
52) Toluene	10.240	92	59418	21.381	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	26371	20.192	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	32345	20.115	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	15337	19.898	ug/l	94
56) Ethyl methacrylate	10.508	69	21977	20.262	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	29403	22.471	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	60671	104.164	ug/l	95
59) 2-Hexanone	10.825	43	50052	99.023	ug/l	90
60) Dibromochloromethane	10.977	129	17998	19.113	ug/l	100
61) 1,2-Dibromoethane	11.081	107	15078	20.774	ug/l	100
64) Tetrachloroethene	10.715	164	20493	19.650	ug/l	95
65) Chlorobenzene	11.514	112	60001	19.762	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	19611	19.975	ug/l	96
67) Ethyl Benzene	11.587	91	111634	20.200	ug/l	97
68) m/p-Xylenes	11.697	106	82776	39.778	ug/l	96
69) o-Xylene	12.026	106	39388	19.663	ug/l	97
70) Styrene	12.038	104	66060	20.183	ug/l	98
71) Bromoform	12.203	173	8800	17.014	ug/l #	97
73) Isopropylbenzene	12.325	105	102186	20.379	ug/l	98
74) N-amyl acetate	12.142	43	25217	20.660	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	18102	20.508	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	21937	36.407	ug/l #	100
77) Bromobenzene	12.605	156	21053	19.774	ug/l	89
78) n-propylbenzene	12.666	91	124939	20.760	ug/l	98
79) 2-Chlorotoluene	12.751	91	68355	20.892	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	79369	20.323	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	5214	18.180	ug/l #	86
82) 4-Chlorotoluene	12.849	91	68997	20.957	ug/l	97
83) tert-Butylbenzene	13.068	119	72560	20.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	80629	21.088	ug/l	97
85) sec-Butylbenzene	13.251	105	110539	20.784	ug/l	98
86) p-Isopropyltoluene	13.367	119	87920	20.482	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	42014	20.005	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	41579	20.153	ug/l	96
89) n-Butylbenzene	13.690	91	89173	21.862	ug/l	96
90) Hexachloroethane	13.958	117	15981	19.863	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	36091	19.749	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2261	16.833	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	18024	18.236	ug/l	97
94) Hexachlorobutadiene	15.105	225	9336	17.785	ug/l	92
95) Naphthalene	15.233	128	34184	17.221	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	15721	18.800	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

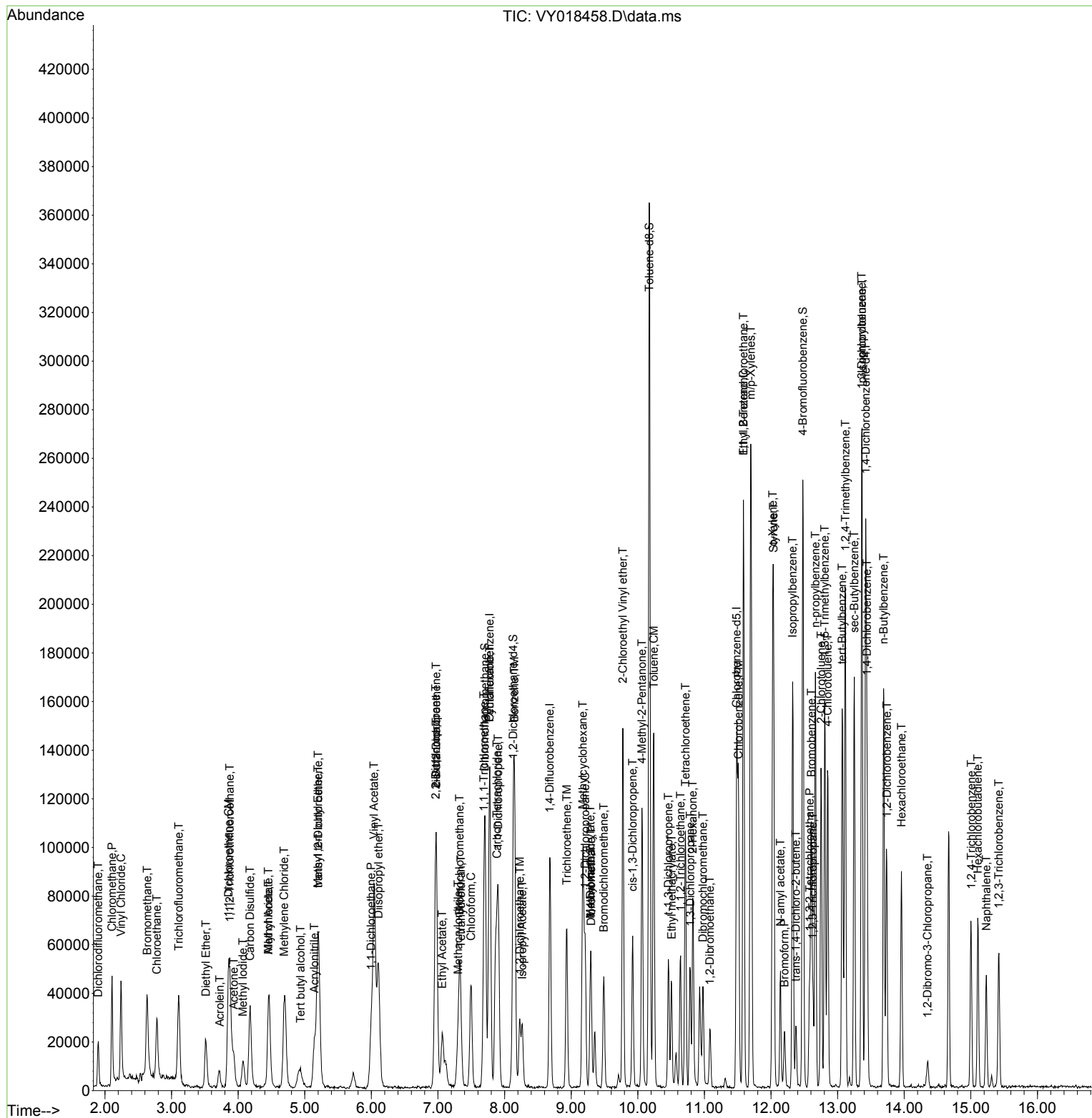
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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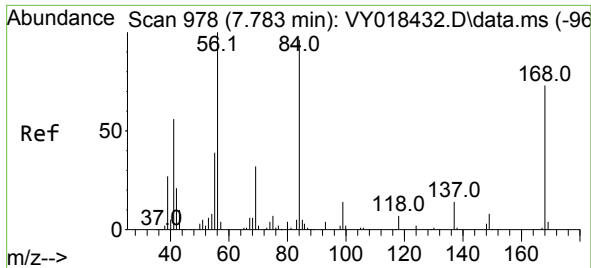
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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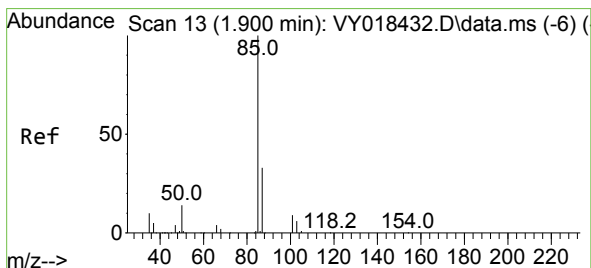
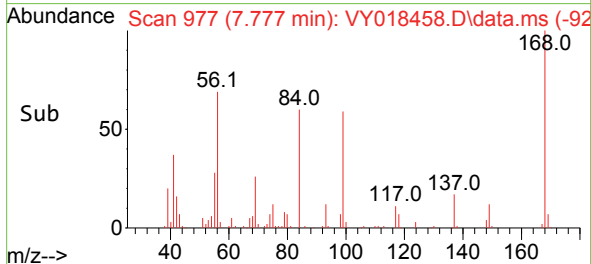
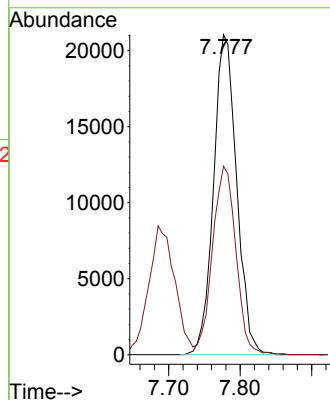
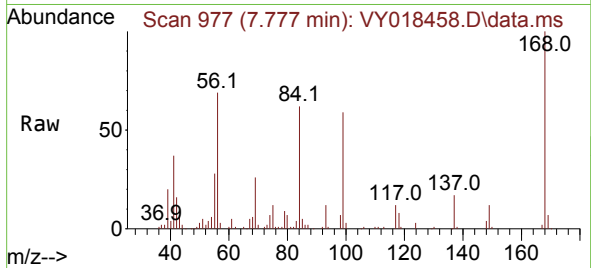




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
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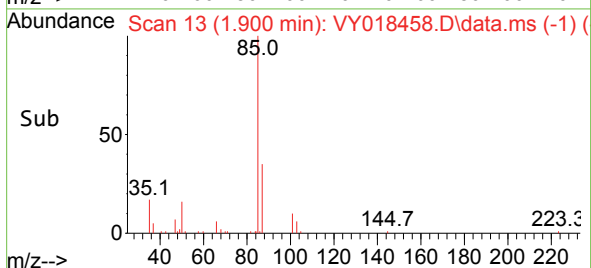
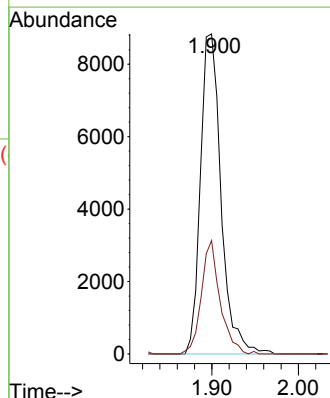
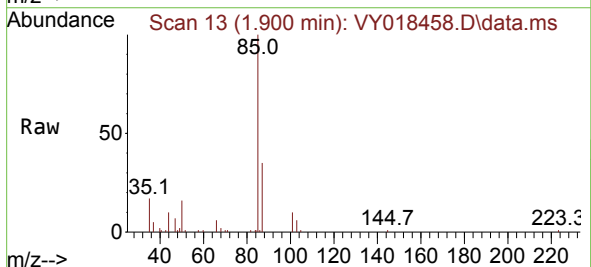
Instrument :
MSVOA_Y
ClientSampleId :

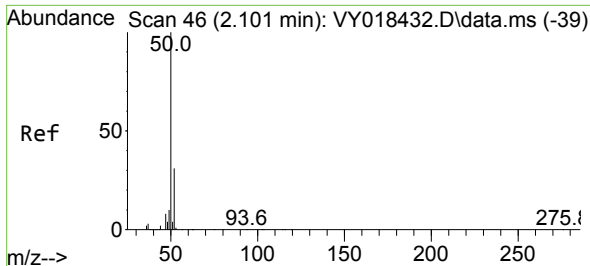
Tgt Ion:168 Resp: 47231
Ion Ratio Lower Upper
168 100
99 58.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.480 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 85 Resp: 14612
Ion Ratio Lower Upper
85 100
87 35.5 16.0 48.0

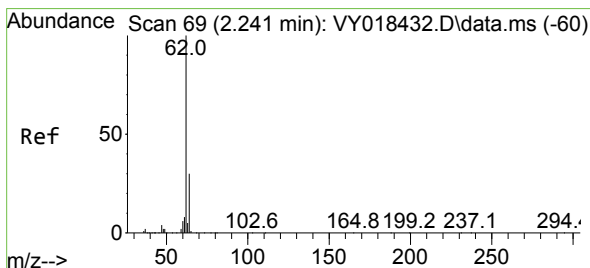
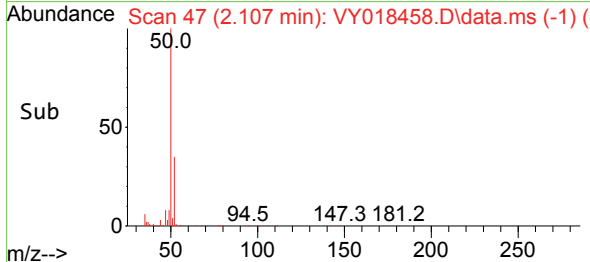
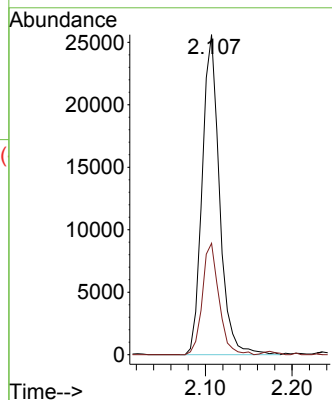
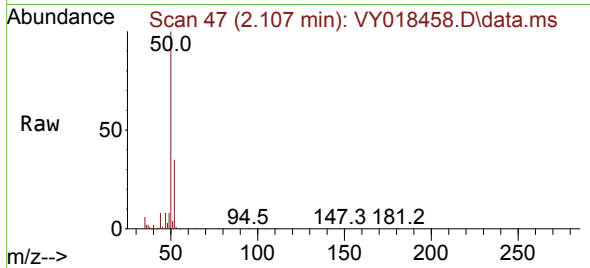




#3
Chloromethane
Concen: 25.418 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

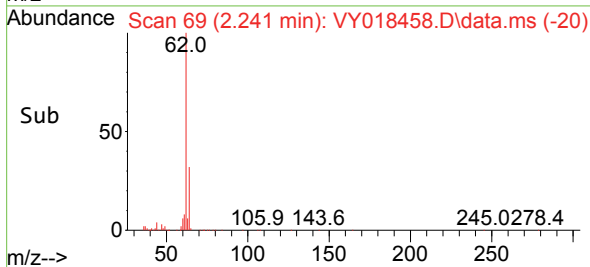
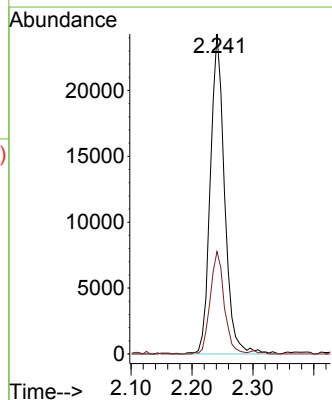
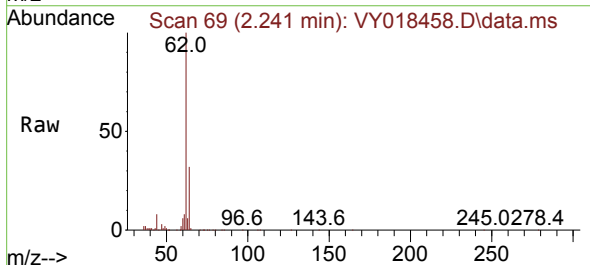
Instrument :
MSVOA_Y
ClientSampleId :

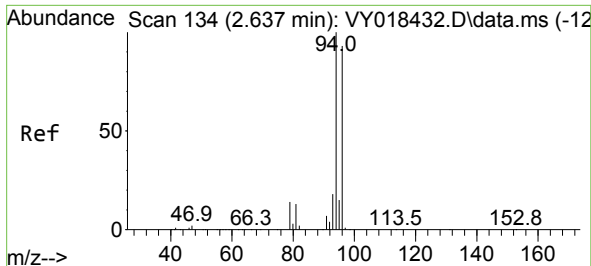
Tgt Ion: 50 Resp: 35557
Ion Ratio Lower Upper
50 100
52 34.8 25.6 38.4



#4
Vinyl Chloride
Concen: 23.564 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 62 Resp: 39428
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

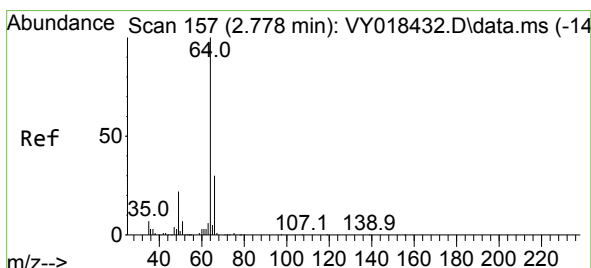
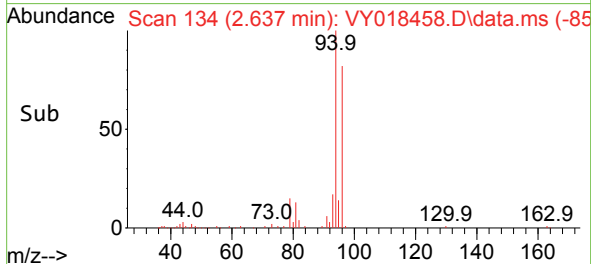
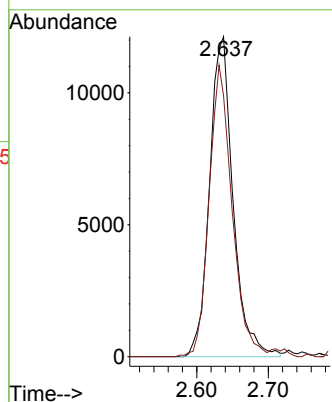
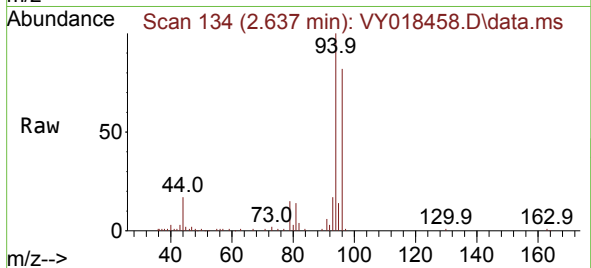




#5
Bromomethane
Concen: 24.828 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018458.D
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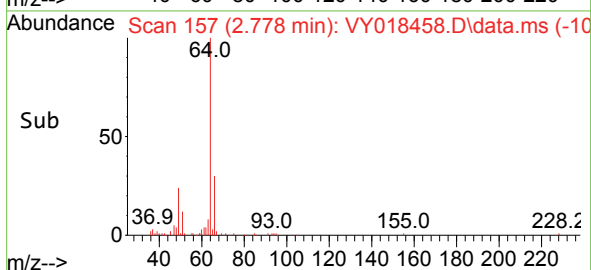
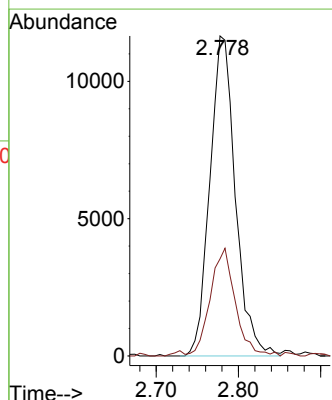
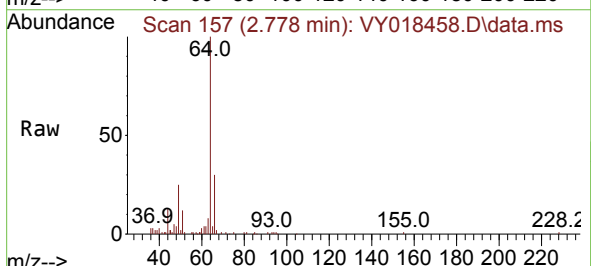
Instrument :
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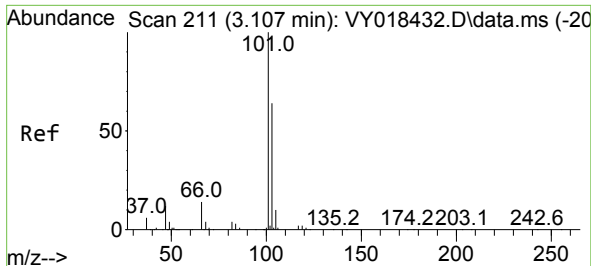
Tgt Ion: 94 Resp: 27716
Ion Ratio Lower Upper
94 100
96 81.0 74.1 111.1



#6
Chloroethane
Concen: 23.848 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.000 min
Lab File: VY018458.D
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Tgt Ion: 64 Resp: 25194
Ion Ratio Lower Upper
64 100
66 30.3 26.1 39.1

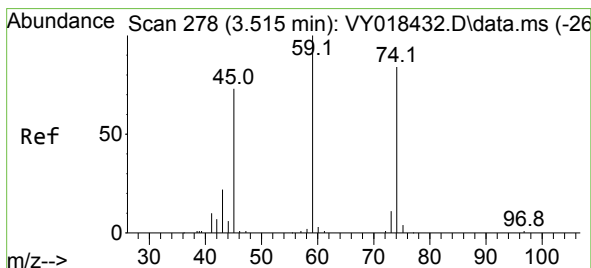
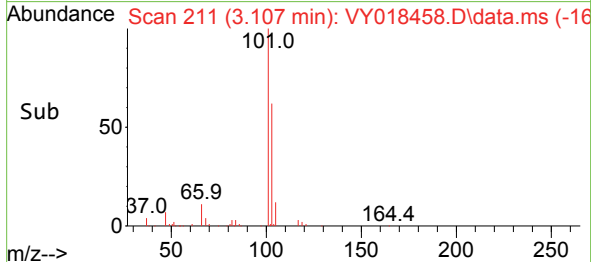
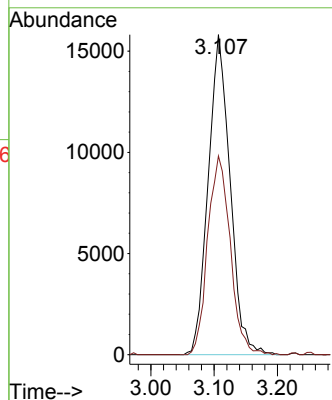
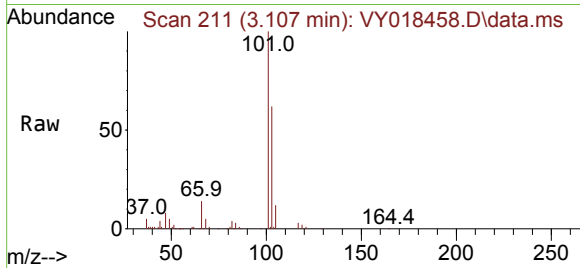




#7
 Trichlorofluoromethane
 Concen: 21.951 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY018458.D
 Acq: 04 Jun 2024 12:49

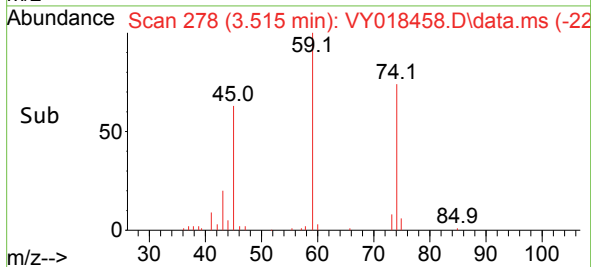
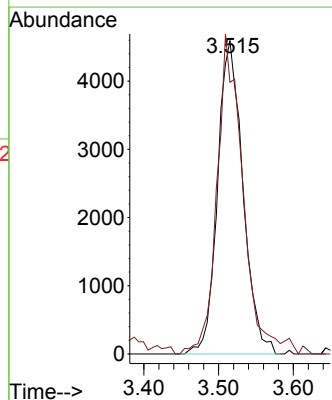
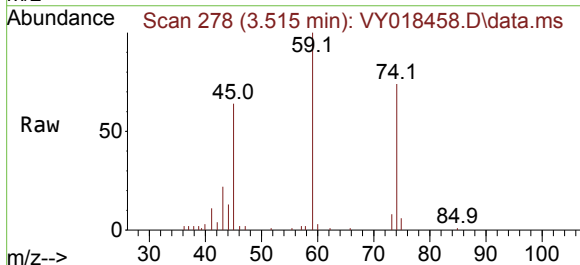
Instrument :
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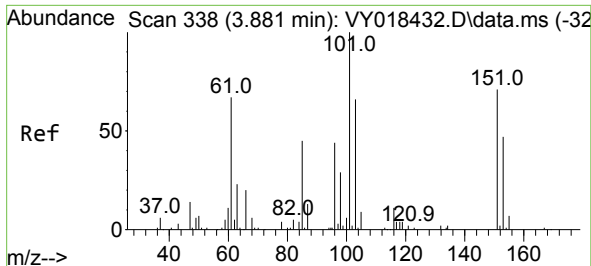
Tgt Ion:101 Resp: 38002
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.793 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 10831
 Ion Ratio Lower Upper
 74 100
 45 102.7 41.3 124.1

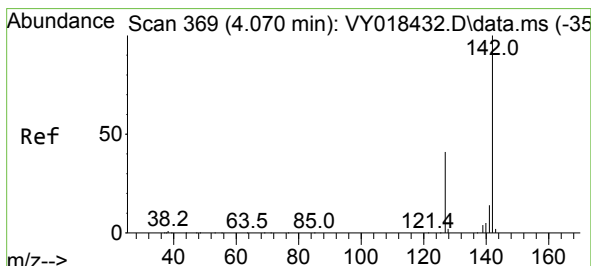
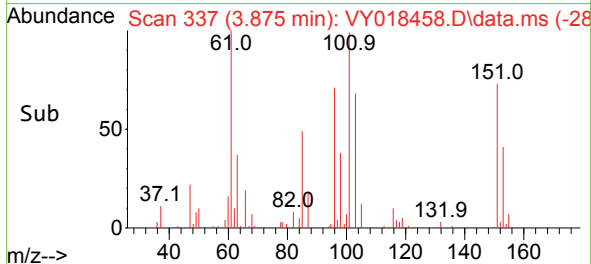
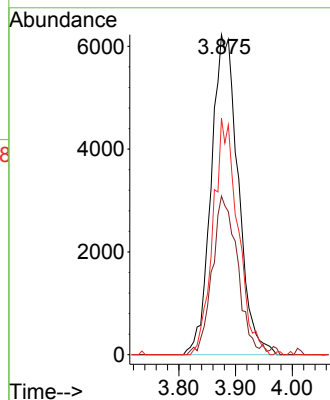
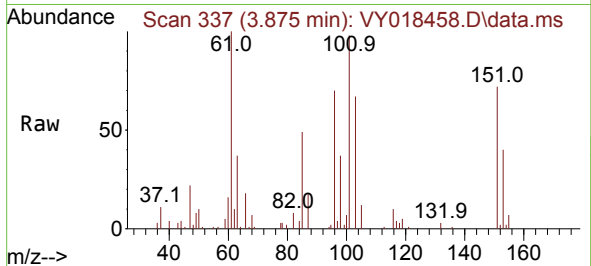




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.410 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

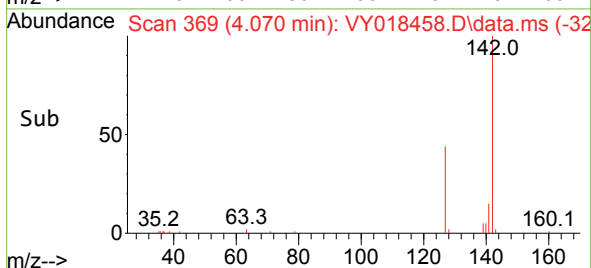
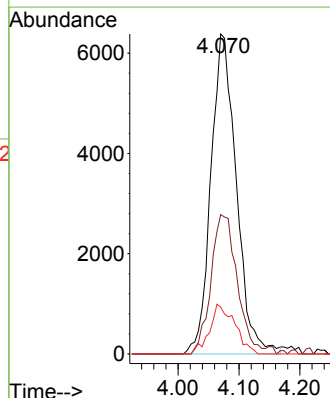
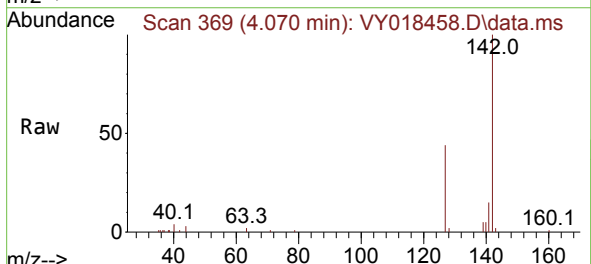
Instrument :
MSVOA_Y
ClientSampleId :

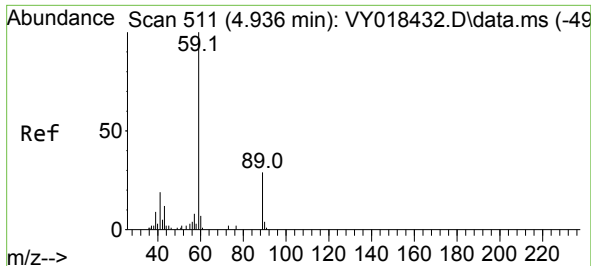
Tgt Ion:101 Resp: 20575
Ion Ratio Lower Upper
101 100
85 46.6 34.5 51.7
151 68.1 61.7 92.5



#10
Methyl Iodide
Concen: 18.670 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

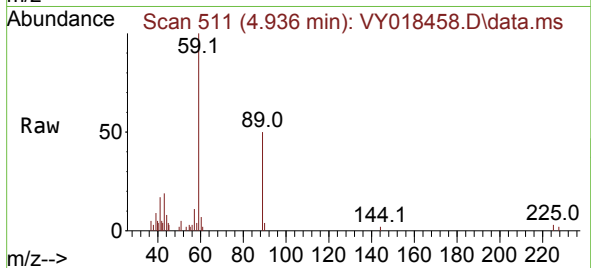
Tgt Ion:142 Resp: 18487
Ion Ratio Lower Upper
142 100
127 44.9 32.8 49.2
141 15.4 11.4 17.2



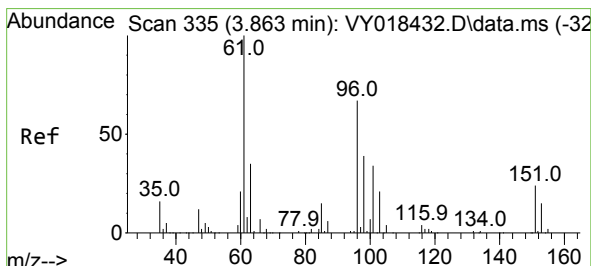
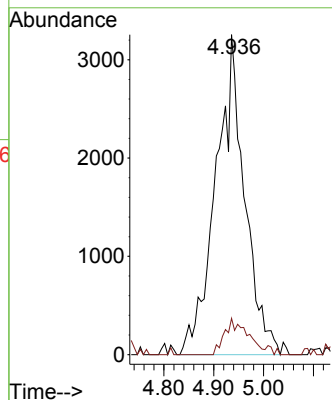
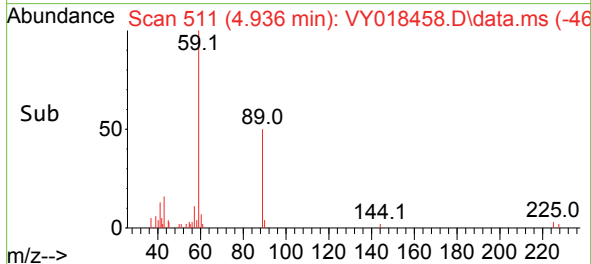


#11
Tert butyl alcohol
Concen: 80.595 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

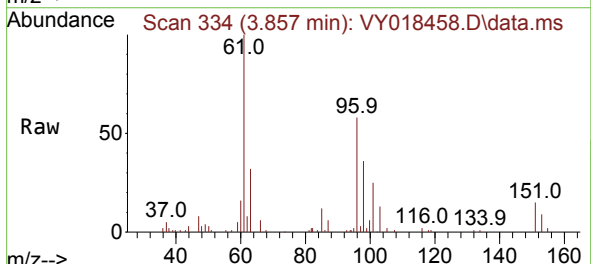
Instrument :
MSVOA_Y
ClientSampleId :



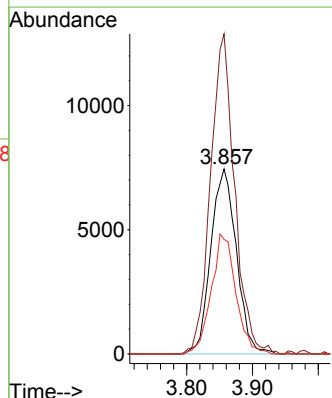
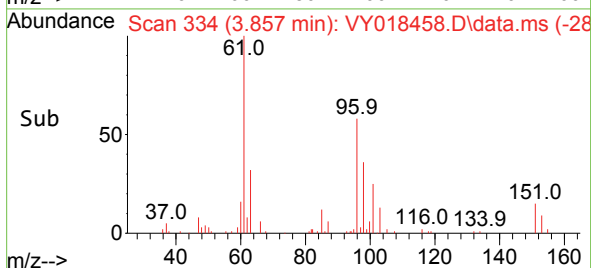
Tgt Ion: 59 Resp: 13067
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.6#

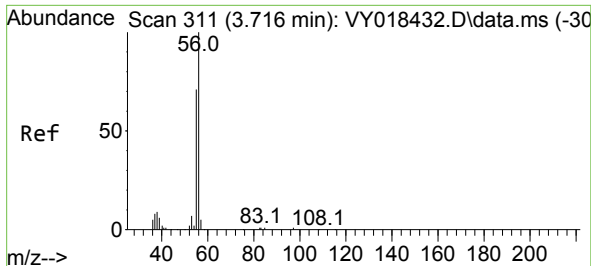


#12
1,1-Dichloroethene
Concen: 20.339 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49



Tgt Ion: 96 Resp: 20153
Ion Ratio Lower Upper
96 100
61 173.0 114.6 171.8#
98 62.0 50.8 76.2

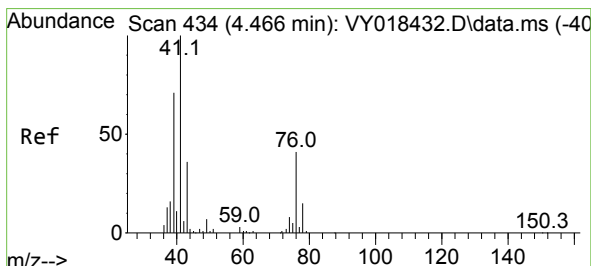
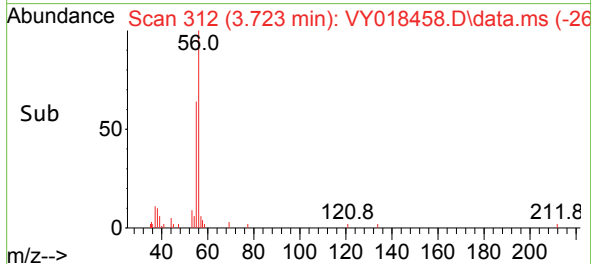
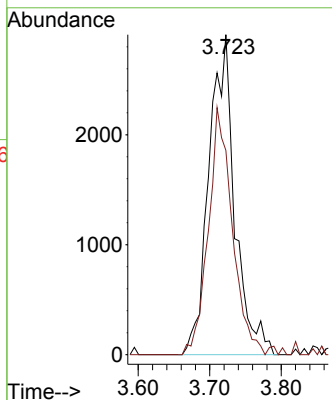
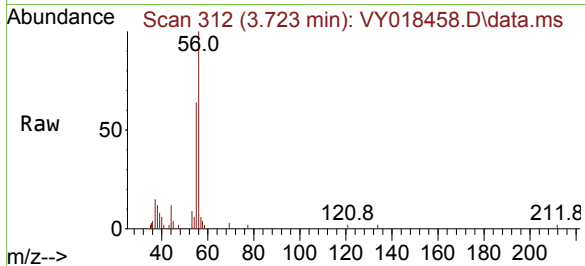




#13
Acrolein
Concen: 76.773 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

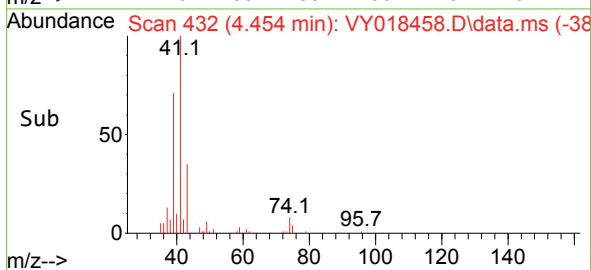
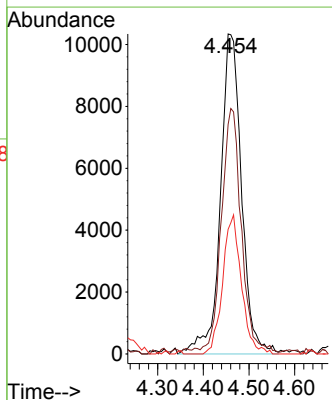
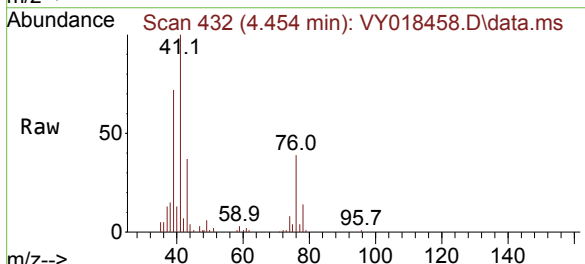
Instrument :
MSVOA_Y
ClientSampleId :

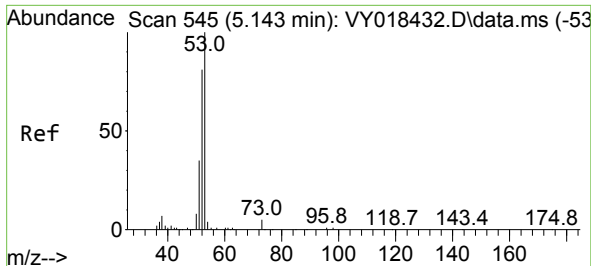
Tgt Ion: 56 Resp: 7289
Ion Ratio Lower Upper
56 100
55 71.7 55.7 83.5



#14
Allyl chloride
Concen: 22.901 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.012 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

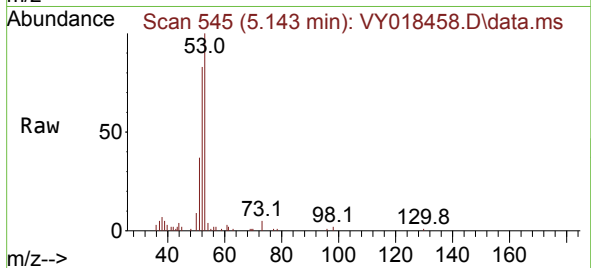
Tgt Ion: 41 Resp: 33232
Ion Ratio Lower Upper
41 100
39 71.9 58.3 87.5
76 38.5 39.0 58.6#



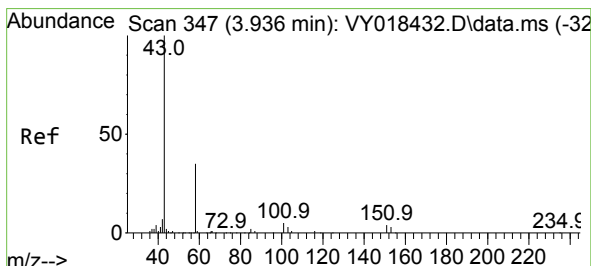
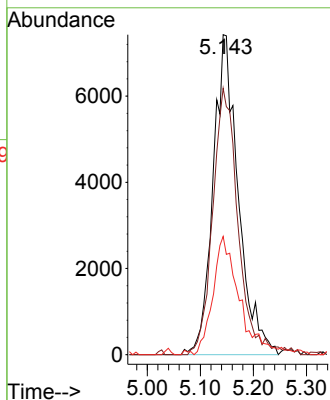
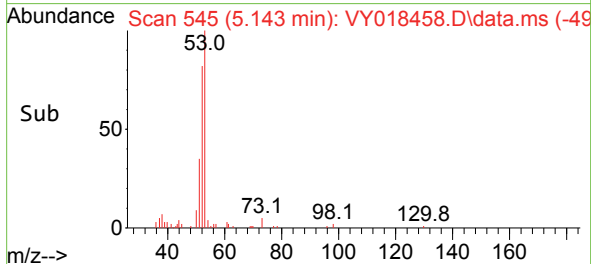


#15
Acrylonitrile
Concen: 102.884 ug/l
RT: 5.143 min Scan# 545
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :

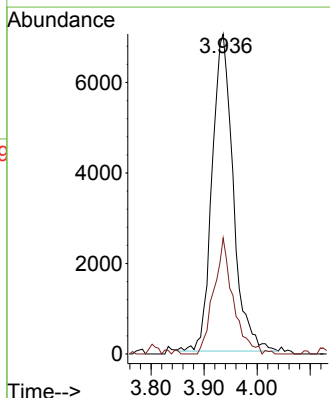
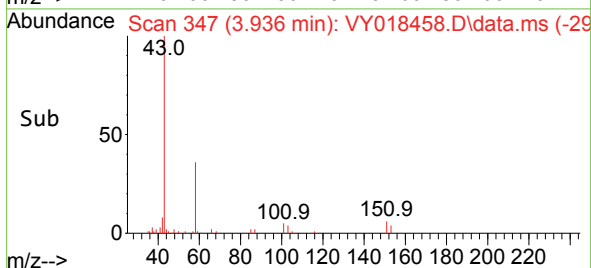
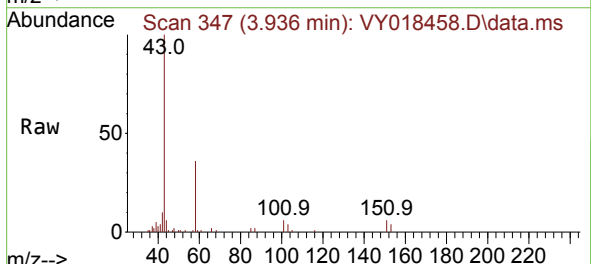


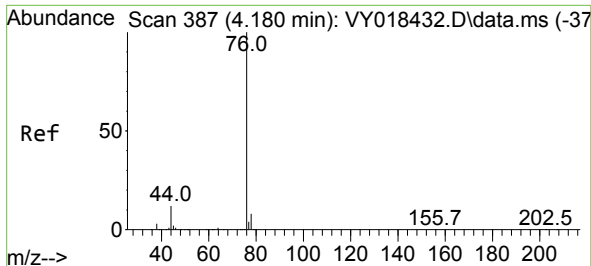
Tgt Ion: 53 Resp: 24509
Ion Ratio Lower Upper
53 100
52 84.0 64.7 97.1
51 39.1 28.4 42.6



#16
Acetone
Concen: 94.128 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 43 Resp: 19378
Ion Ratio Lower Upper
43 100
58 36.6 31.7 47.5





#17

Carbon Disulfide

Concen: 21.278 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

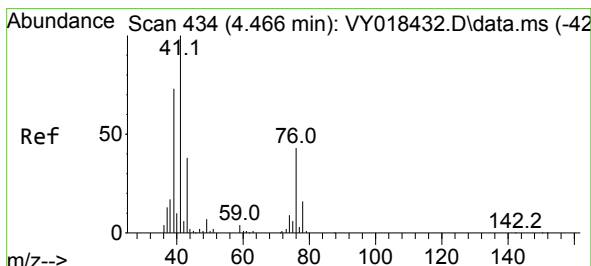
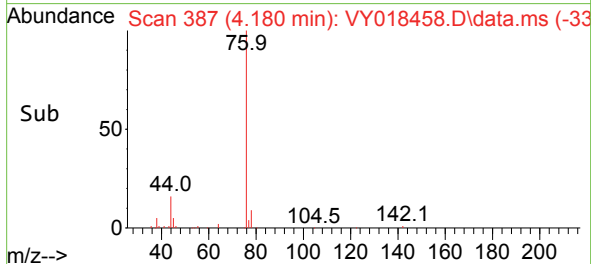
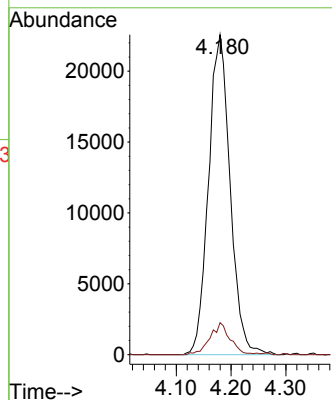
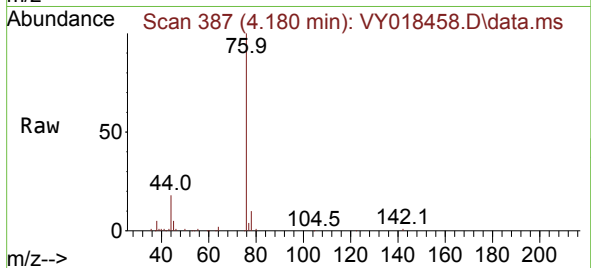
ClientSampleId :

Tgt Ion: 76 Resp: 61846

Ion Ratio Lower Upper

76 100

78 10.0 6.8 10.2



#18

Methyl Acetate

Concen: 21.962 ug/l

RT: 4.454 min Scan# 432

Delta R.T. -0.012 min

Lab File: VY018458.D

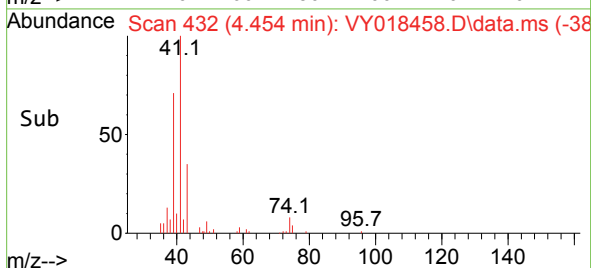
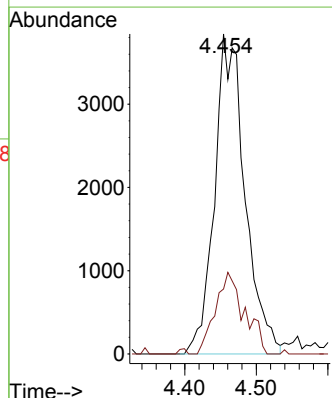
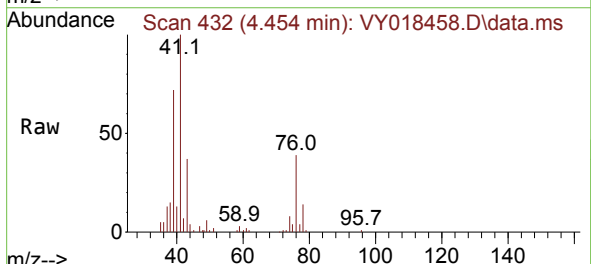
Acq: 04 Jun 2024 12:49

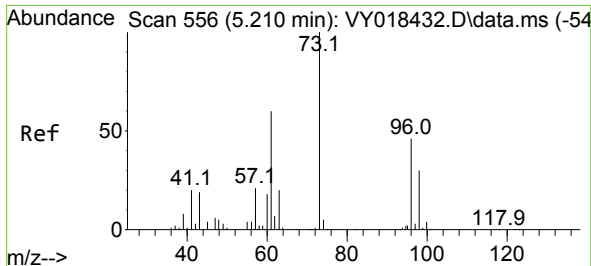
Tgt Ion: 43 Resp: 11306

Ion Ratio Lower Upper

43 100

74 24.4 23.3 34.9

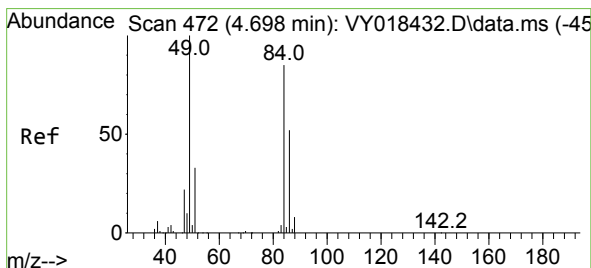
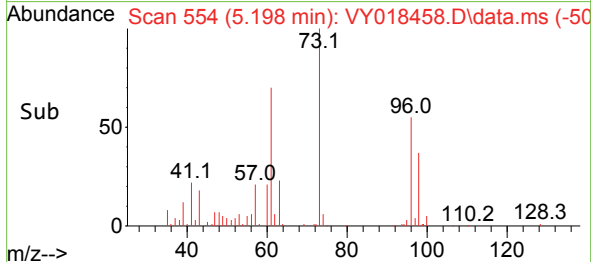
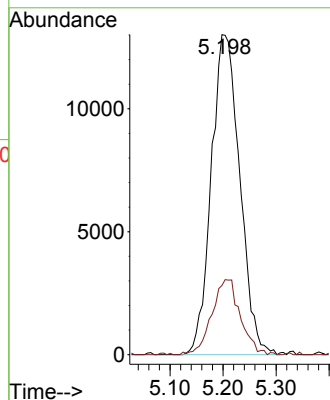
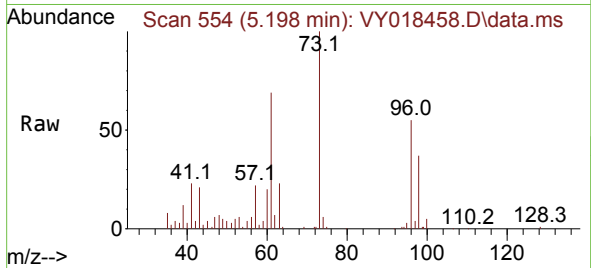




#19
Methyl tert-butyl Ether
Concen: 20.369 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

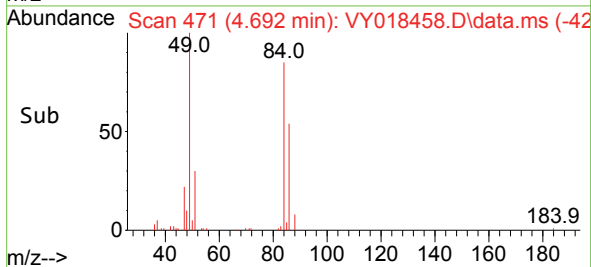
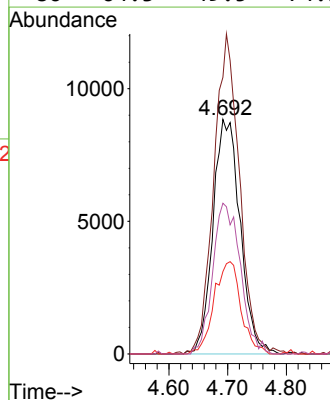
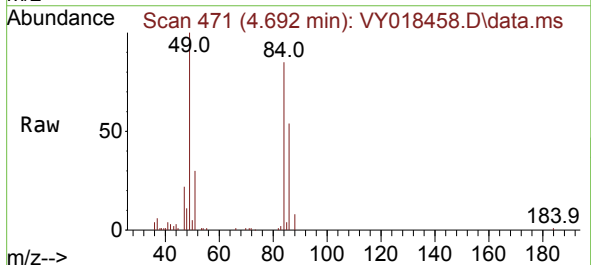
Instrument :
MSVOA_Y
ClientSampleId :

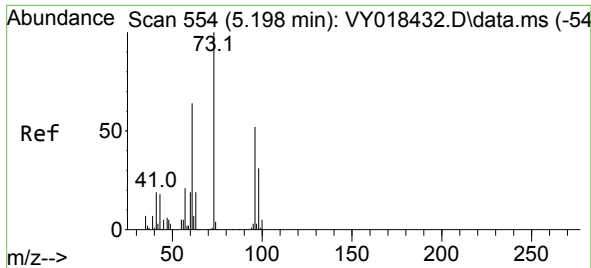
Tgt Ion: 73 Resp: 48641
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 22.507 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 84 Resp: 28462
Ion Ratio Lower Upper
84 100
49 116.9 84.4 126.6
51 35.2 26.0 39.0
86 64.3 49.5 74.3

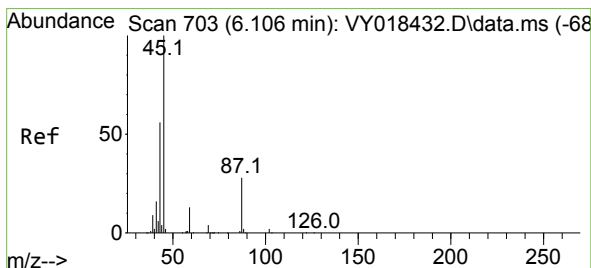
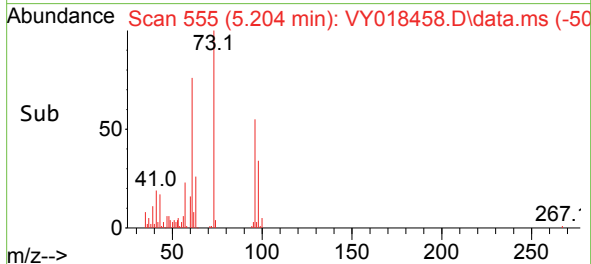
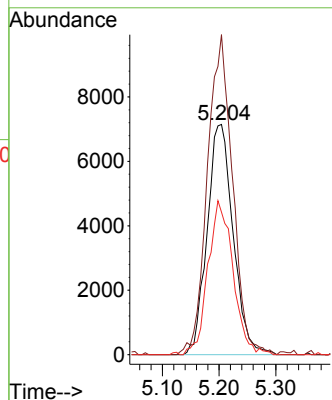
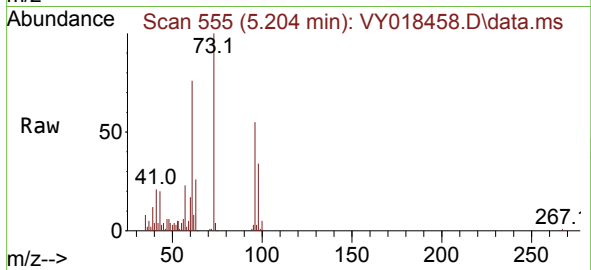




#21
trans-1,2-Dichloroethene
Concen: 21.549 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

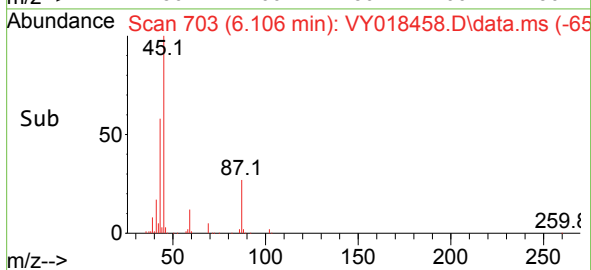
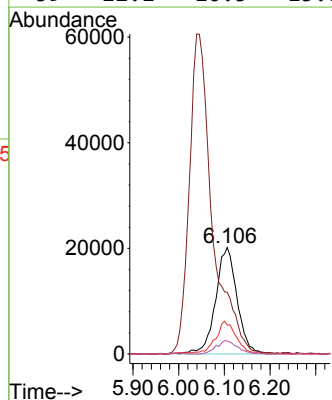
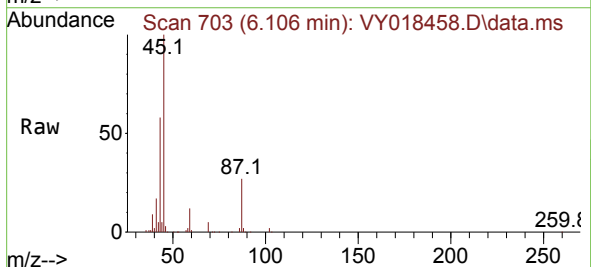
Instrument :
MSVOA_Y
ClientSampleId :

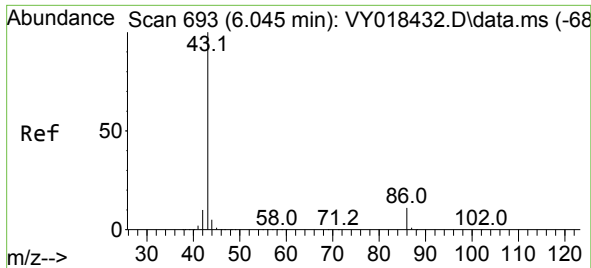
Tgt Ion: 96 Resp: 22785
Ion Ratio Lower Upper
96 100
61 137.8 97.5 146.3
98 62.0 50.5 75.7



#22
Diisopropyl ether
Concen: 22.237 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 45 Resp: 65716
Ion Ratio Lower Upper
45 100
43 57.3 42.2 63.2
87 26.7 25.0 37.6
59 12.1 10.5 15.7

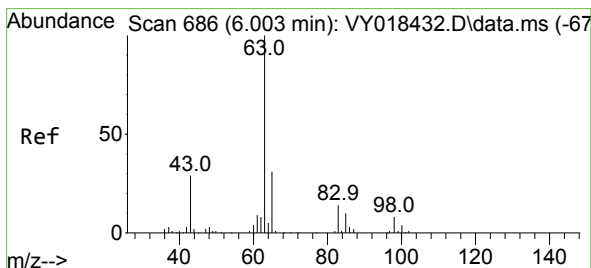
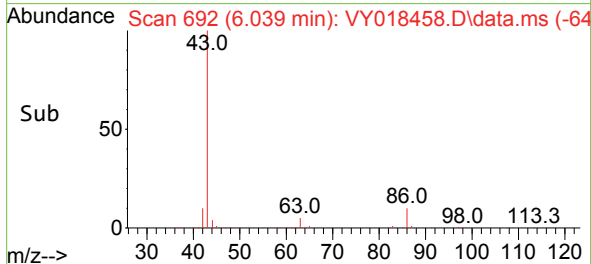
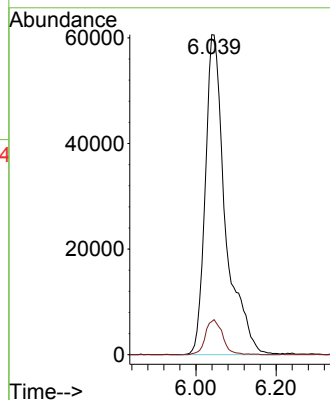
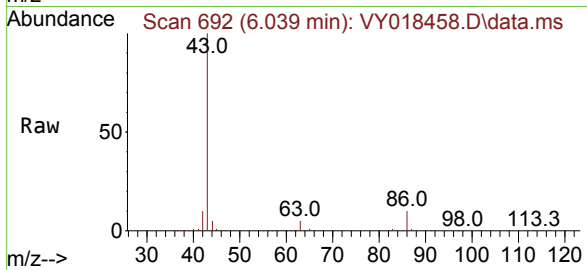




#23
 Vinyl Acetate
 Concen: 110.221 ug/l
 RT: 6.039 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY018458.D
 Acq: 04 Jun 2024 12:49

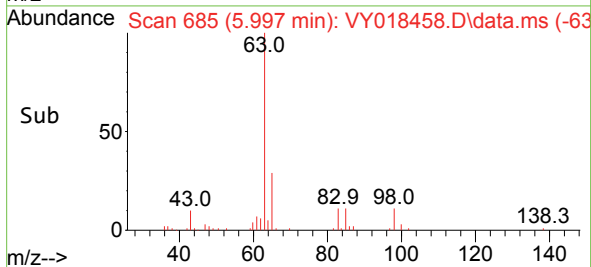
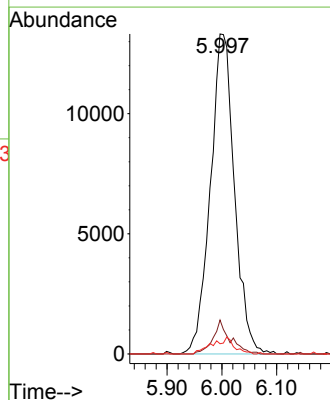
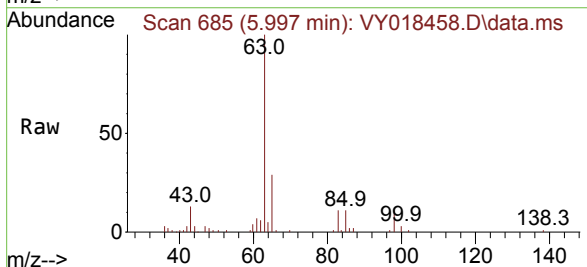
Instrument :
 MSVOA_Y
 ClientSampleId :

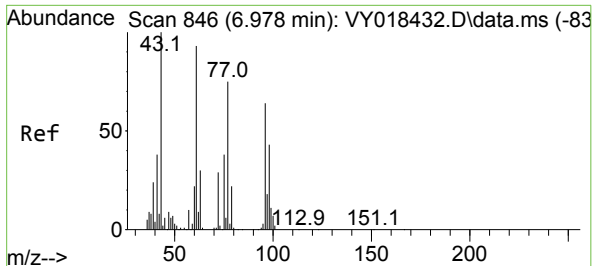
Tgt Ion: 43 Resp: 211986
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 22.039 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY018458.D
 Acq: 04 Jun 2024 12:49

Tgt Ion: 63 Resp: 40624
 Ion Ratio Lower Upper
 63 100
 98 10.6 4.0 12.2
 100 3.2 2.6 8.0





#25

2-Butanone

Concen: 102.445 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

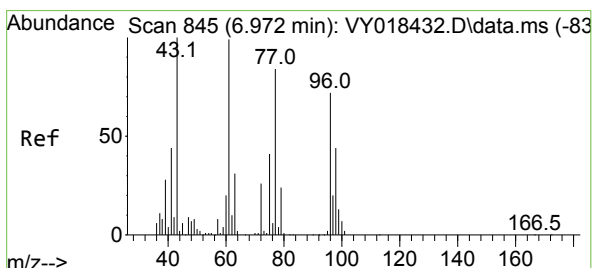
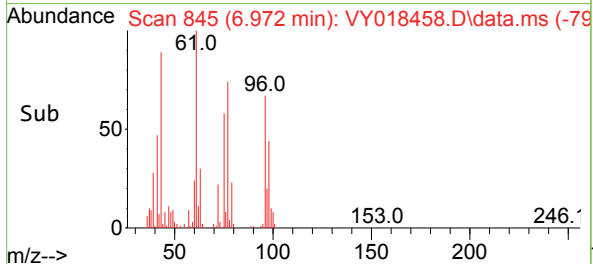
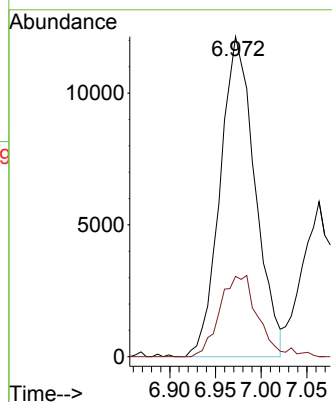
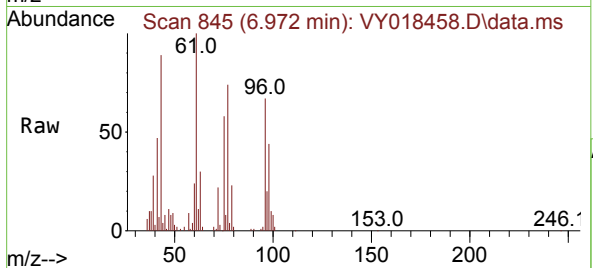
ClientSampleId :

Tgt Ion: 43 Resp: 32309

Ion Ratio Lower Upper

43 100

72 25.1 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 20.344 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018458.D

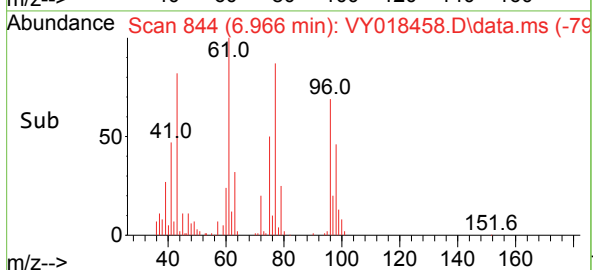
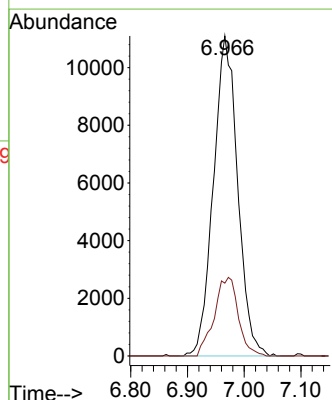
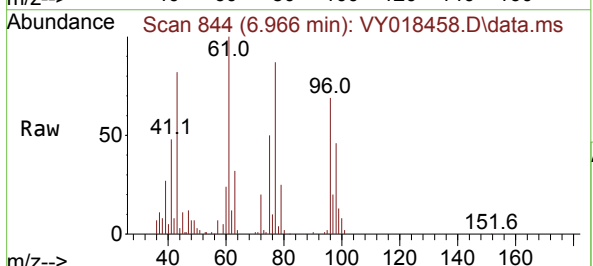
Acq: 04 Jun 2024 12:49

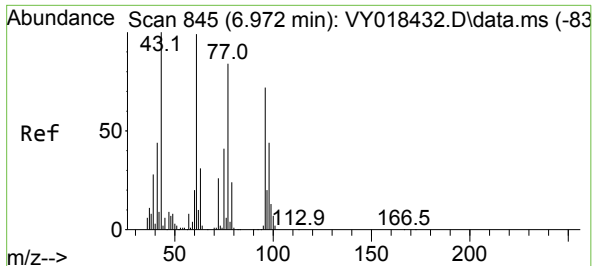
Tgt Ion: 77 Resp: 32959

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.065 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

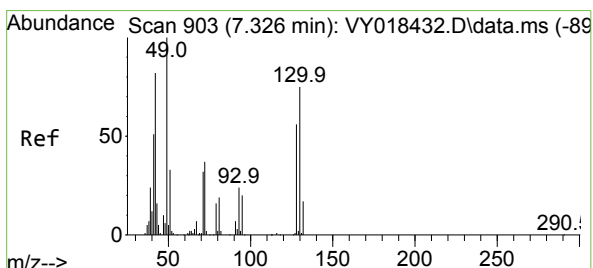
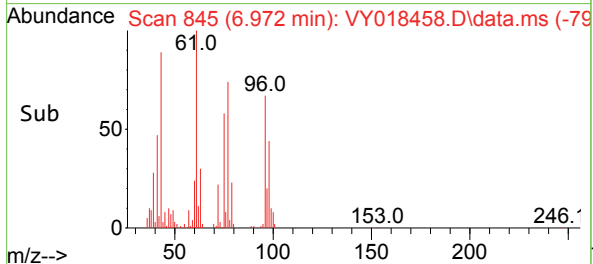
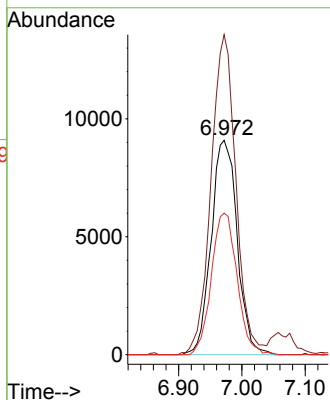
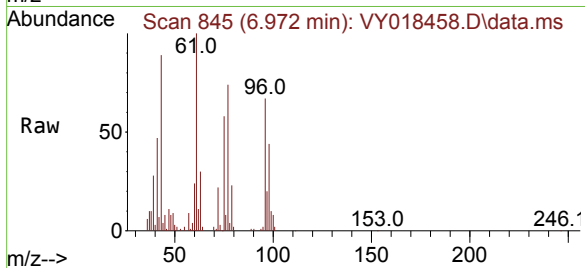
Tgt Ion: 96 Resp: 25910

Ion Ratio Lower Upper

96 100

61 143.0 0.0 256.2

98 65.3 0.0 130.0



#28

Bromochloromethane

Concen: 21.351 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

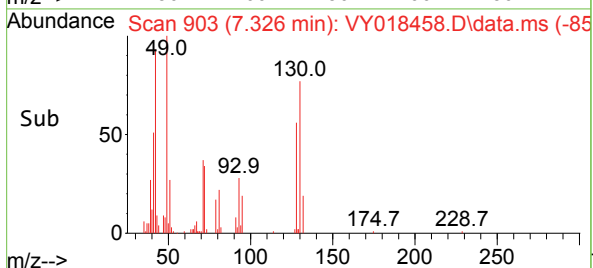
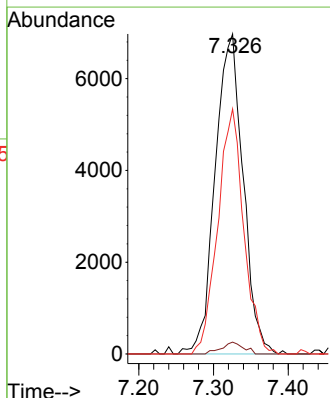
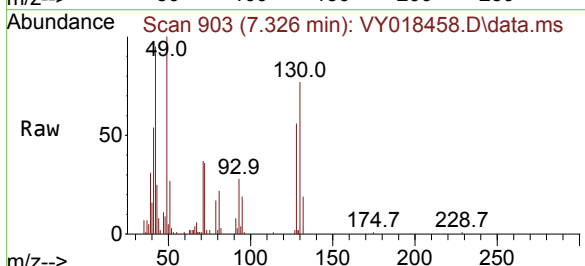
Tgt Ion: 49 Resp: 18111

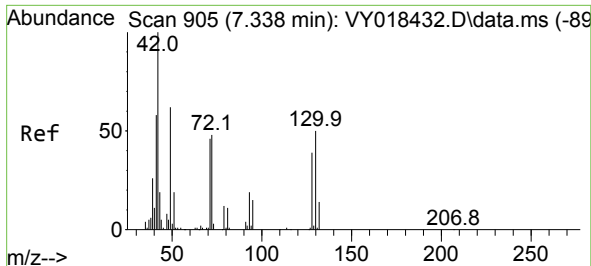
Ion Ratio Lower Upper

49 100

129 2.9 0.0 4.6

130 71.1 72.7 109.1#





#29

Tetrahydrofuran

Concen: 106.904 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018458.D

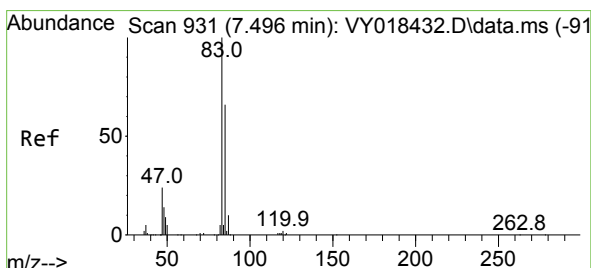
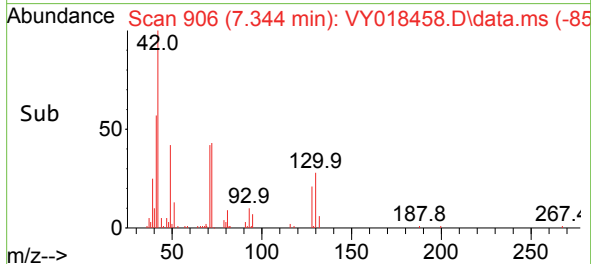
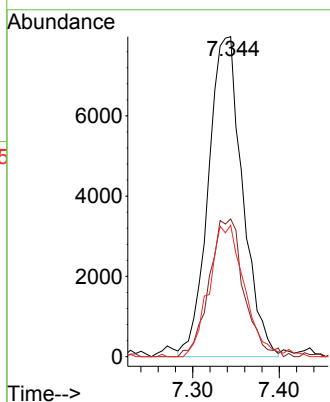
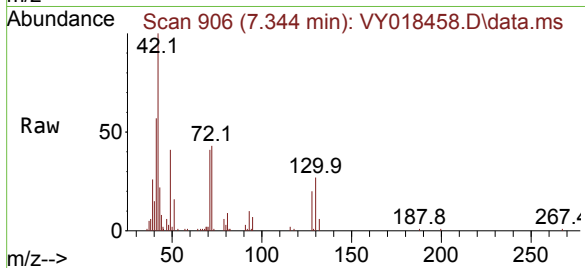
Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 21896
Ion Ratio	Lower Upper
42	100
72	43.5 43.0 64.4
71	42.4 40.8 61.2



#30

Chloroform

Concen: 21.951 ug/l

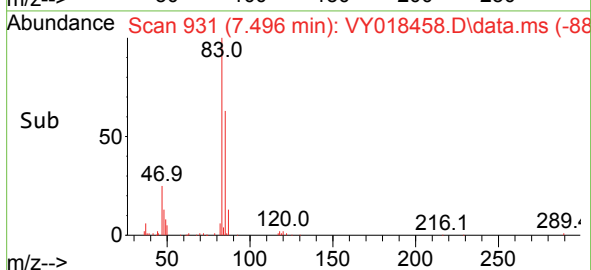
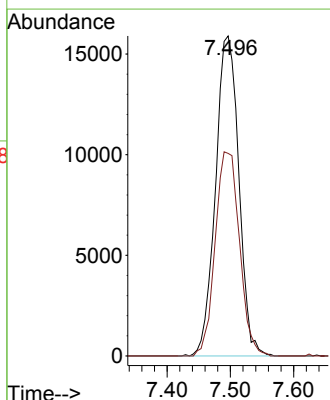
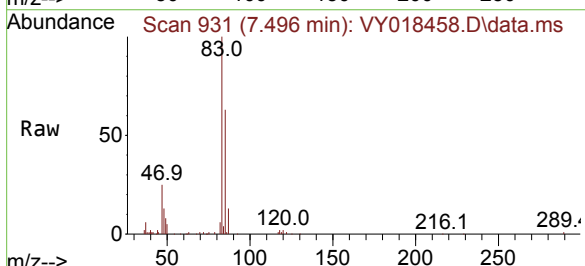
RT: 7.496 min Scan# 931

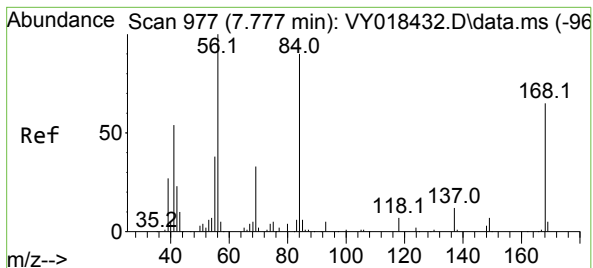
Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Tgt Ion: 83	Resp: 40582
Ion Ratio	Lower Upper
83	100
85	63.3 52.2 78.4





#31

Cyclohexane

Concen: 21.889 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

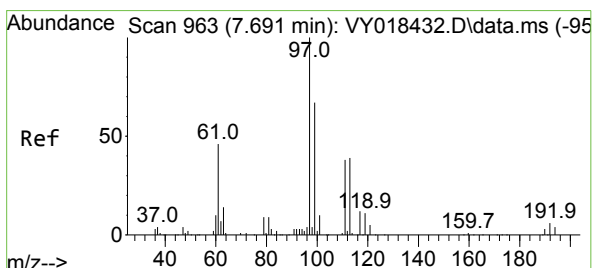
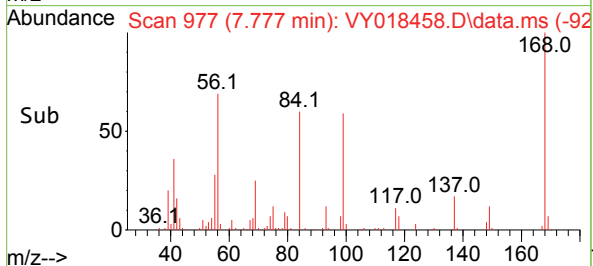
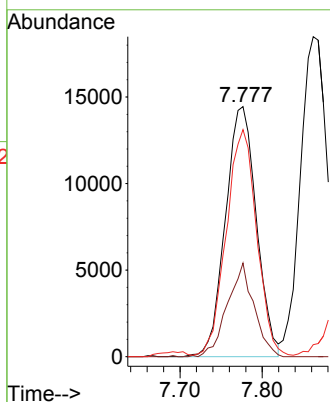
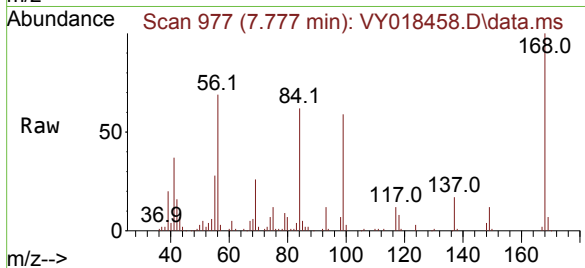
Tgt Ion: 56 Resp: 37855

Ion Ratio Lower Upper

56 100

69 37.4 28.7 43.1

84 89.1 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 20.915 ug/l

RT: 7.691 min Scan# 963

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

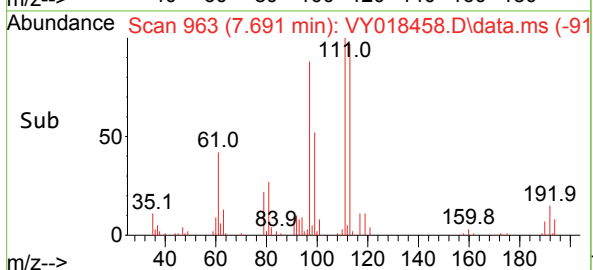
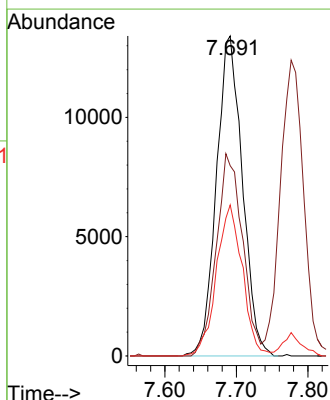
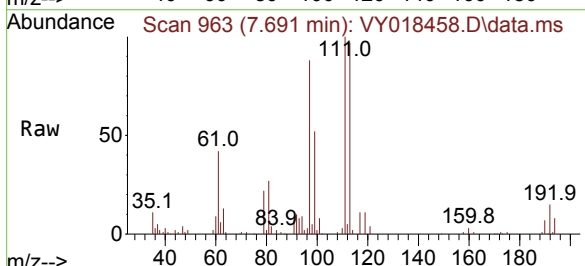
Tgt Ion: 97 Resp: 33866

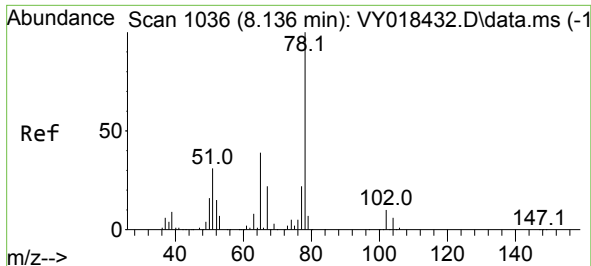
Ion Ratio Lower Upper

97 100

99 63.7 50.3 75.5

61 47.2 32.6 48.8

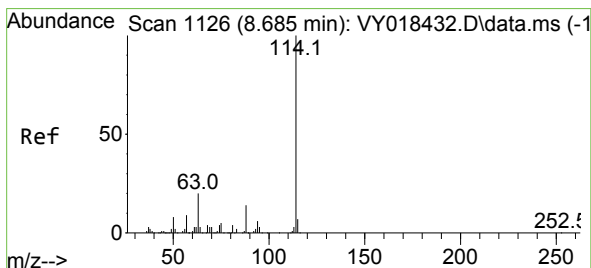
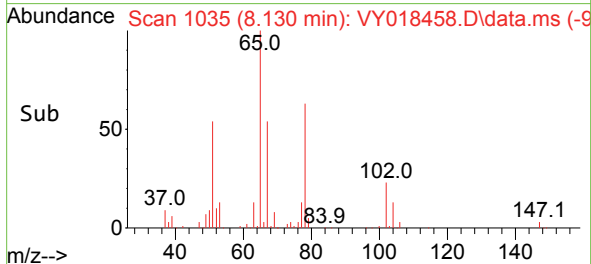
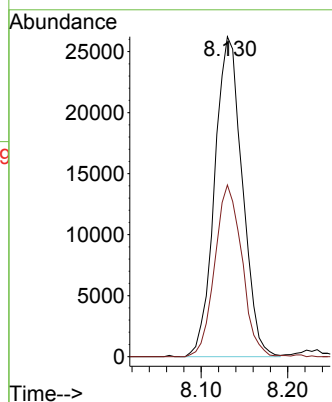
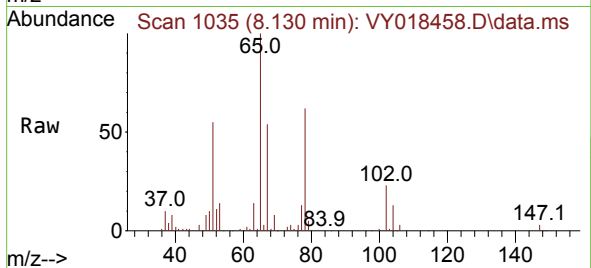




#33
 1,2-Dichloroethane-d4
 Concen: 62.807 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY018458.D
 Acq: 04 Jun 2024 12:49

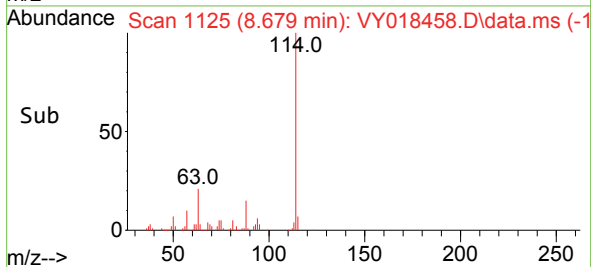
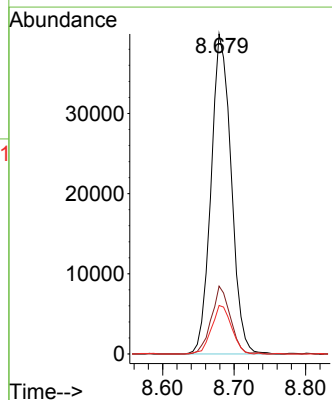
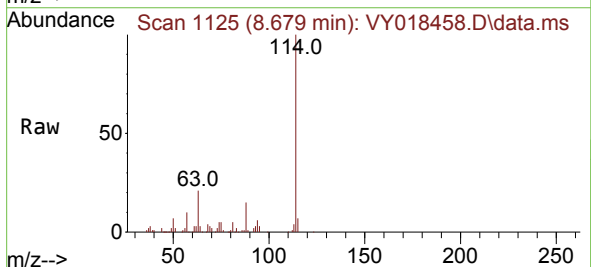
Instrument :
 MSVOA_Y
 ClientSampleId :

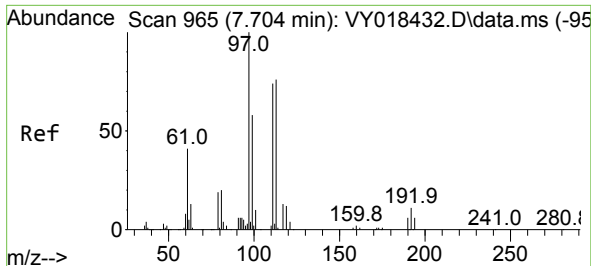
Tgt Ion: 65 Resp: 58256
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VY018458.D
 Acq: 04 Jun 2024 12:49

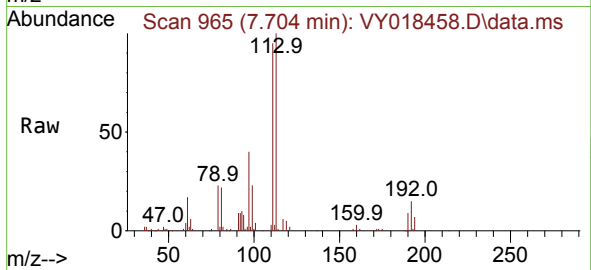
Tgt Ion: 114 Resp: 77993
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 35.0
 88 15.2 0.0 27.2



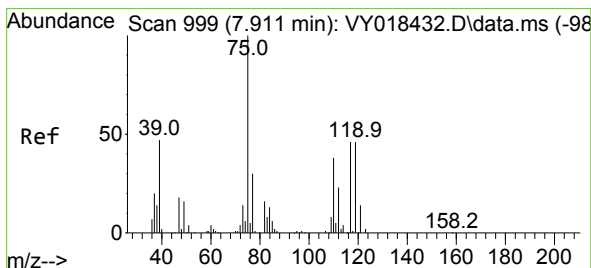
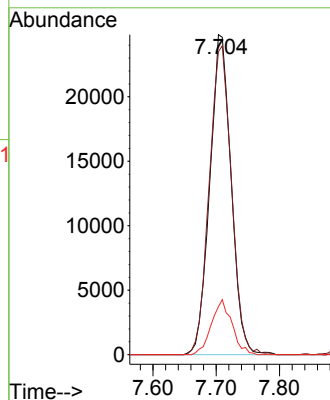
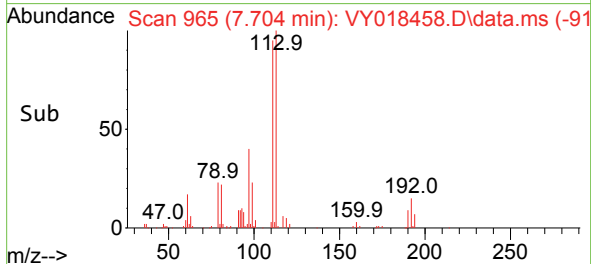


#35
Dibromofluoromethane
Concen: 58.668 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :

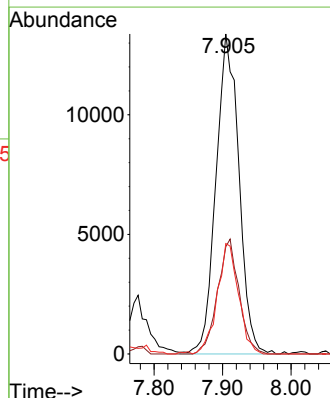
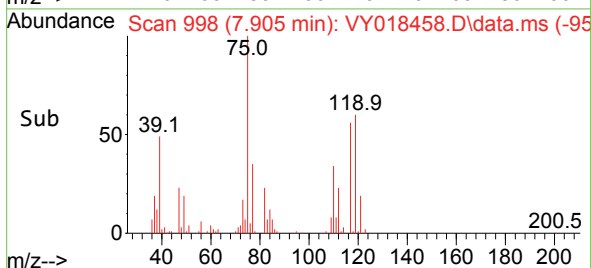
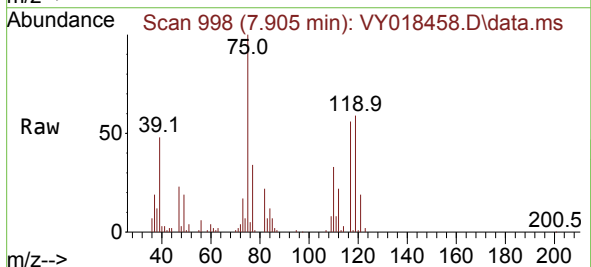


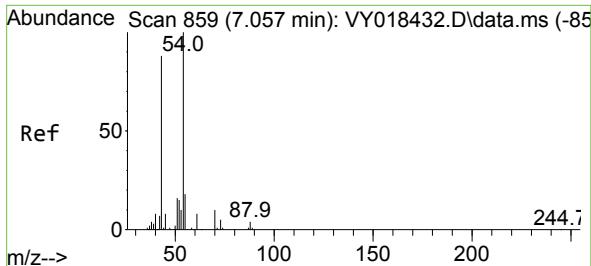
Tgt Ion:113 Resp: 58023
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 16.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.586 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 75 Resp: 31044
Ion Ratio Lower Upper
75 100
110 33.7 19.0 57.0
77 32.0 25.3 37.9

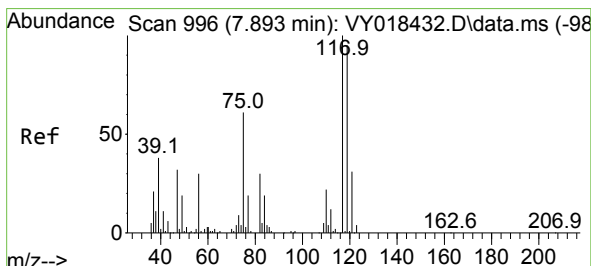
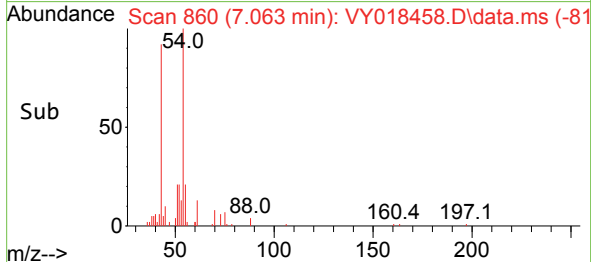
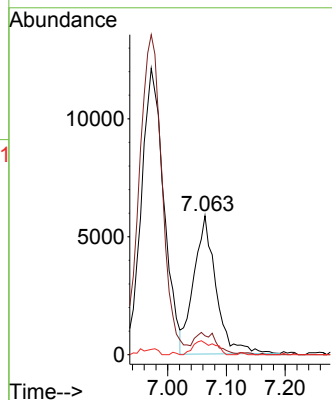
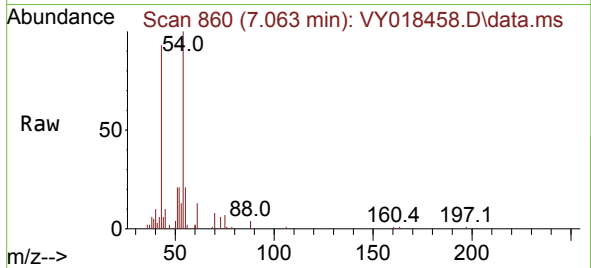




#37
Ethyl Acetate
Concen: 20.441 ug/l
RT: 7.063 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

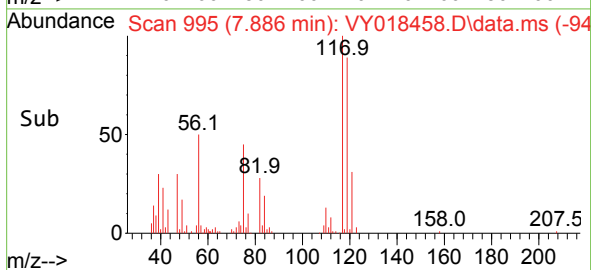
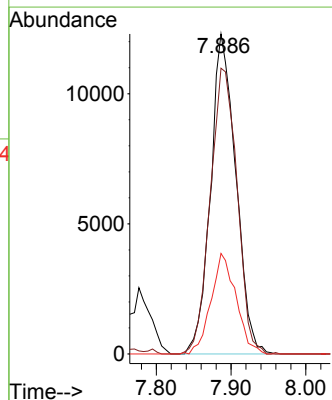
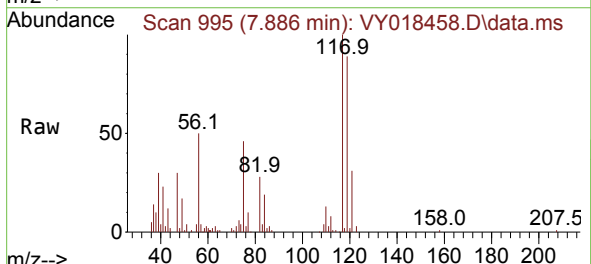
Instrument :
MSVOA_Y
ClientSampleId :

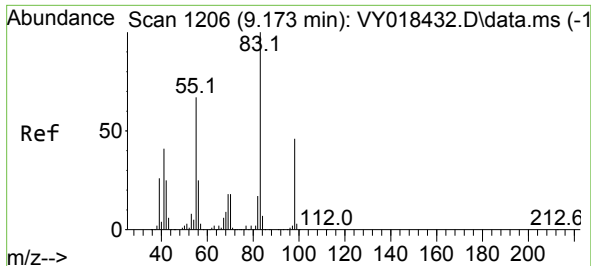
Tgt Ion: 43 Resp: 15399
Ion Ratio Lower Upper
43 100
61 13.9 12.6 19.0
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.105 ug/l
RT: 7.886 min Scan# 995
Delta R.T. -0.006 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 117 Resp: 28870
Ion Ratio Lower Upper
117 100
119 89.3 75.8 113.6
121 31.4 24.0 36.0





#39

Methylcyclohexane

Concen: 19.853 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

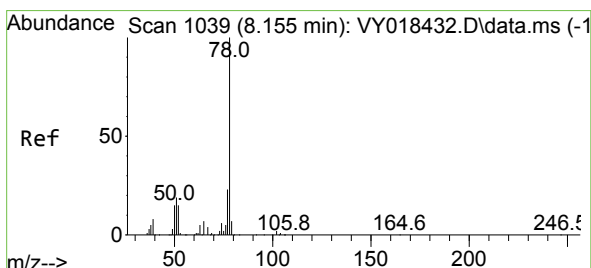
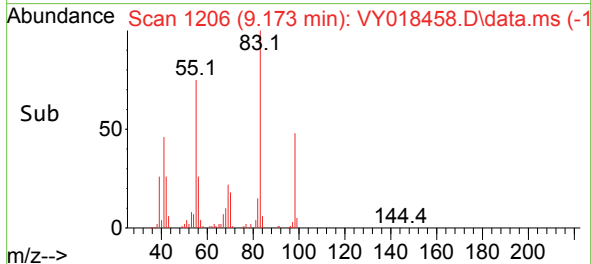
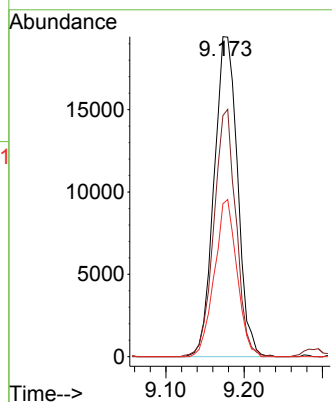
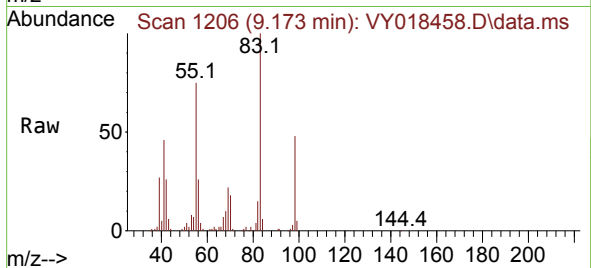
Tgt Ion: 83 Resp: 40472

Ion Ratio Lower Upper

83 100

55 75.3 51.5 77.3

98 47.8 40.5 60.7



#40

Benzene

Concen: 21.146 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY018458.D

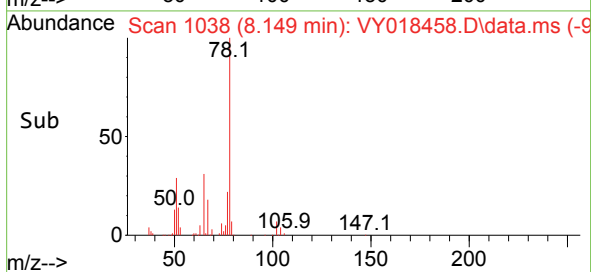
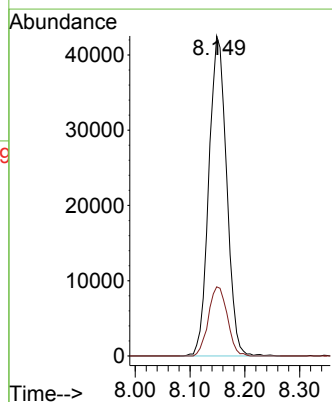
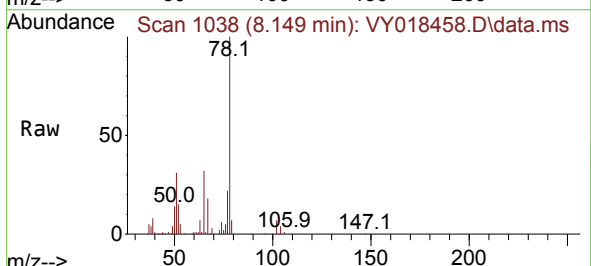
Acq: 04 Jun 2024 12:49

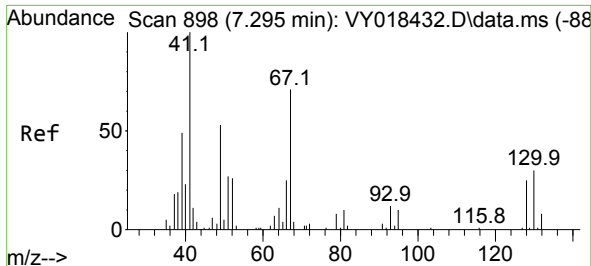
Tgt Ion: 78 Resp: 95543

Ion Ratio Lower Upper

78 100

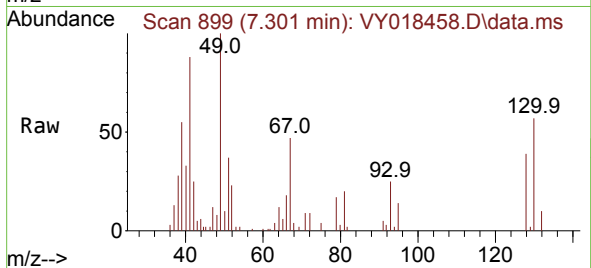
77 21.6 19.5 29.3



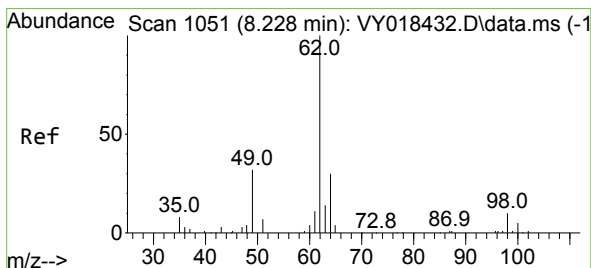
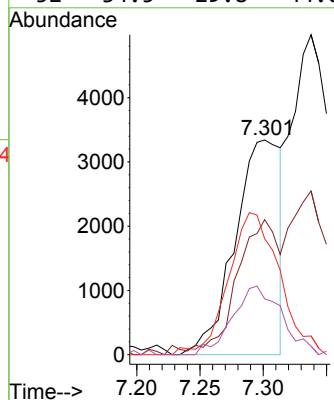


#41
Methacrylonitrile
Concen: 22.932 ug/l
RT: 7.301 min Scan# 899
Delta R.T. 0.006 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :

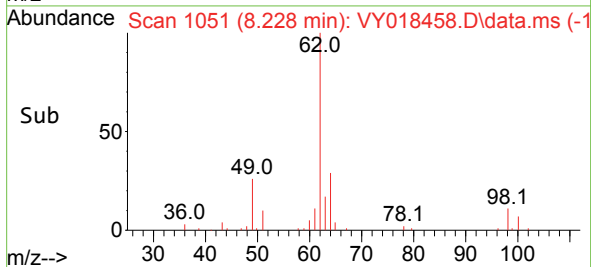
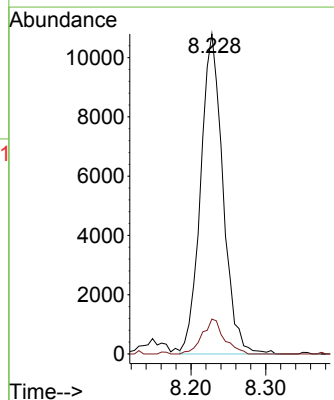
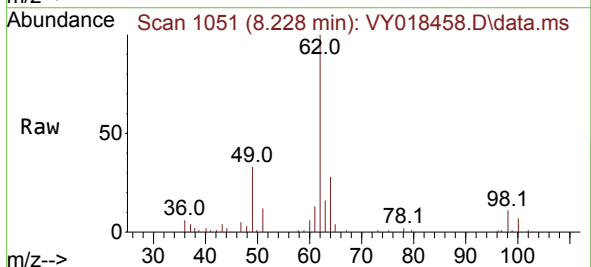


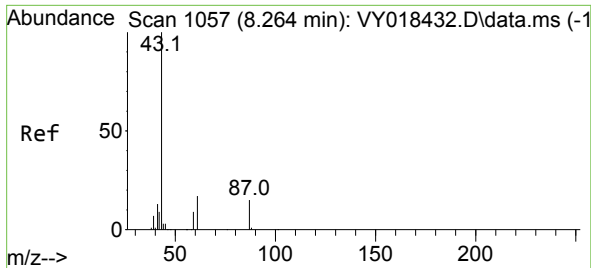
Tgt Ion:	41	Resp:	8403
Ion	Ratio	Lower	Upper
41	100		
39	57.0	48.0	72.0
67	73.5	75.1	112.7#
52	34.5	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.360 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion:	62	Resp:	22365
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.0

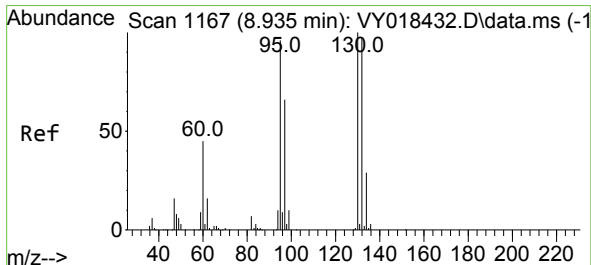
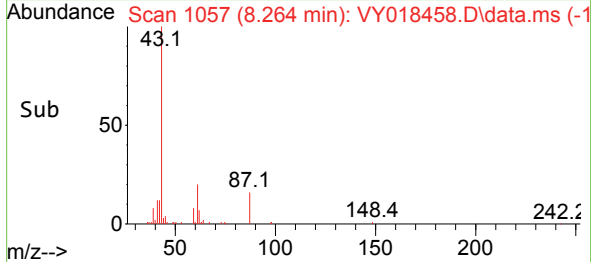
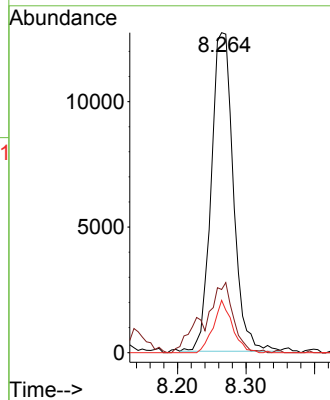
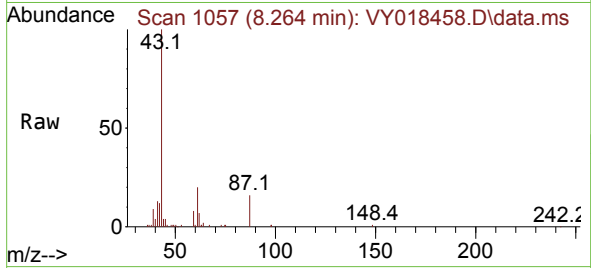




#43
Isopropyl Acetate
Concen: 20.167 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

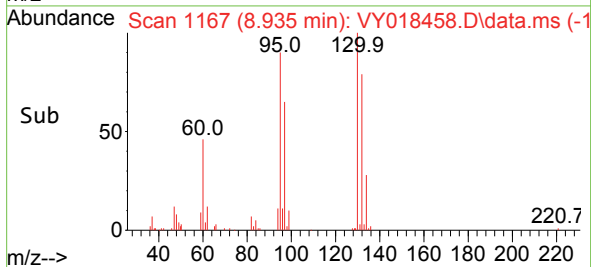
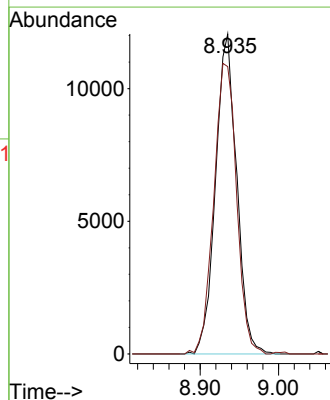
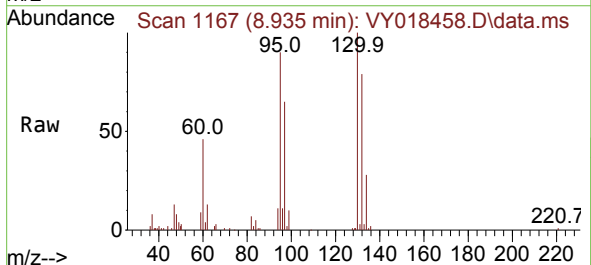
Instrument :
MSVOA_Y
ClientSampleId :

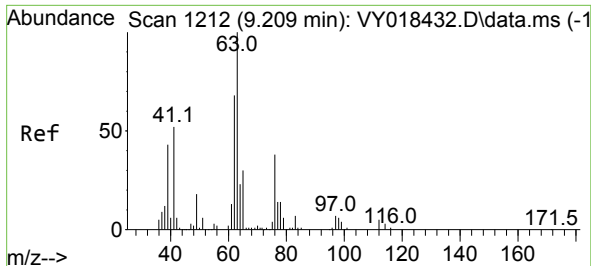
Tgt Ion: 43 Resp: 28408
Ion Ratio Lower Upper
43 100
61 21.0 27.9 41.9#
87 14.1 13.1 19.7



#44
Trichloroethene
Concen: 20.227 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion:130 Resp: 22648
Ion Ratio Lower Upper
130 100
95 89.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.741 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

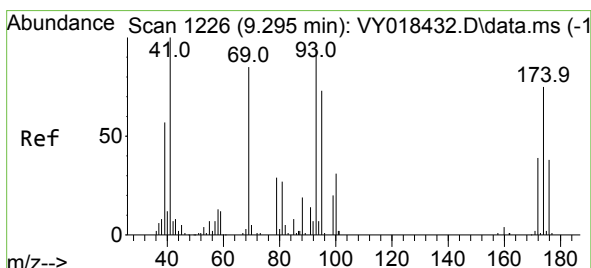
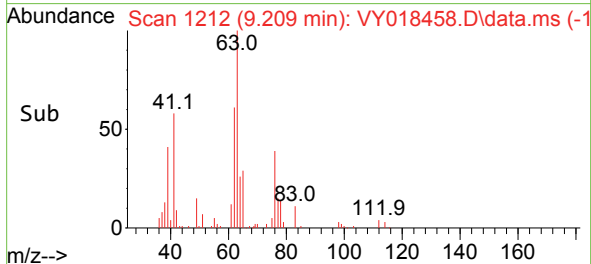
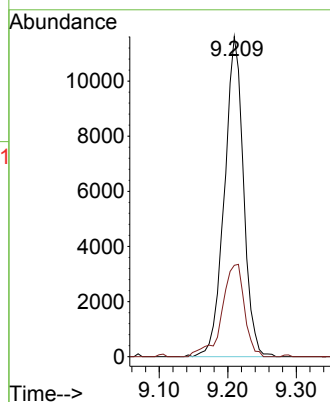
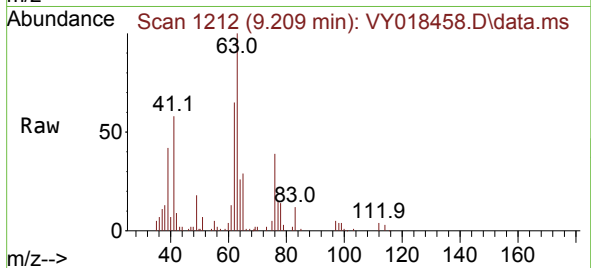
ClientSampleId :

Tgt Ion: 63 Resp: 22465

Ion Ratio Lower Upper

63 100

65 28.6 25.4 38.2



#46

Dibromomethane

Concen: 20.726 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

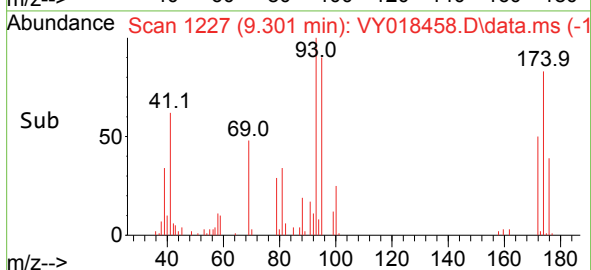
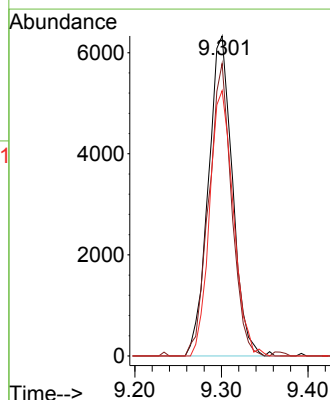
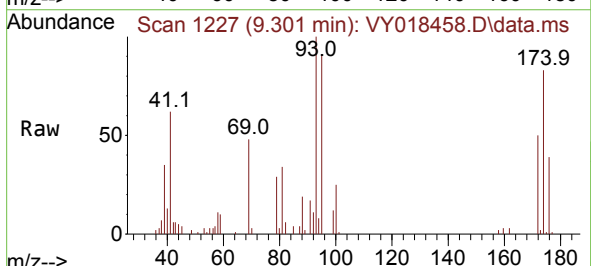
Tgt Ion: 93 Resp: 12279

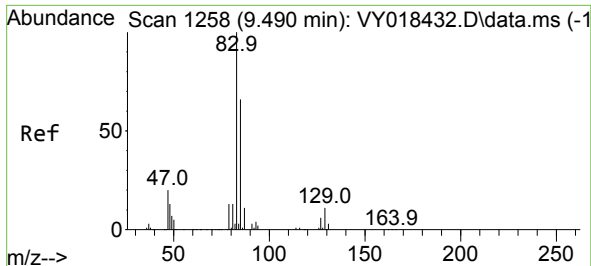
Ion Ratio Lower Upper

93 100

95 86.1 66.2 99.4

174 81.6 80.9 121.3

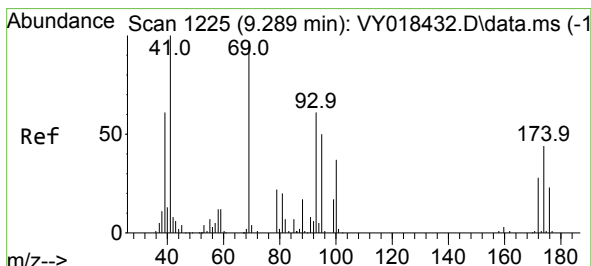
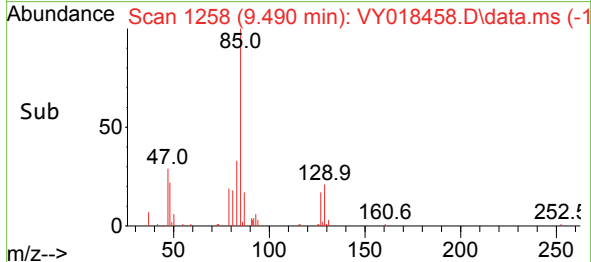
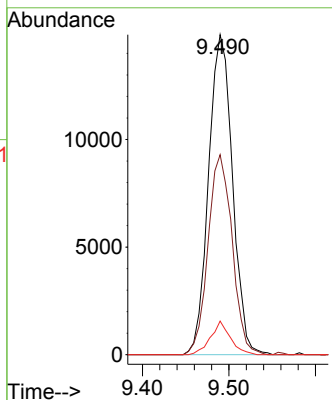
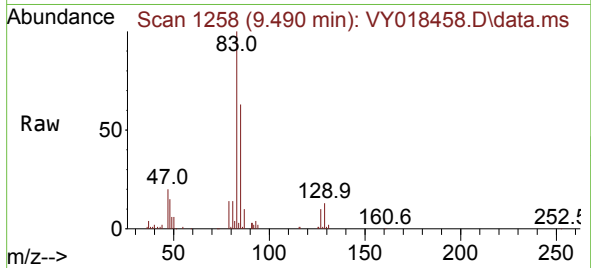




#47
Bromodichloromethane
Concen: 20.066 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

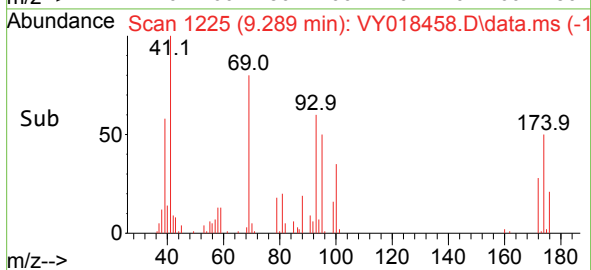
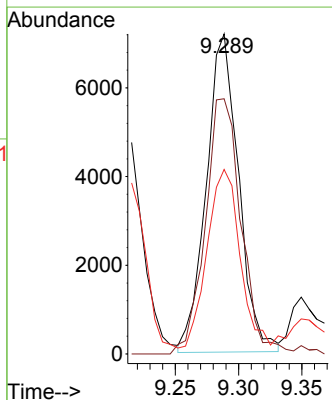
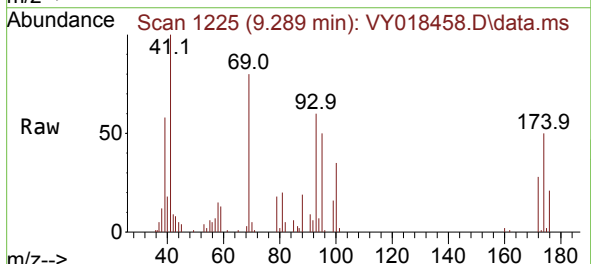
Instrument :
MSVOA_Y
ClientSampleId :

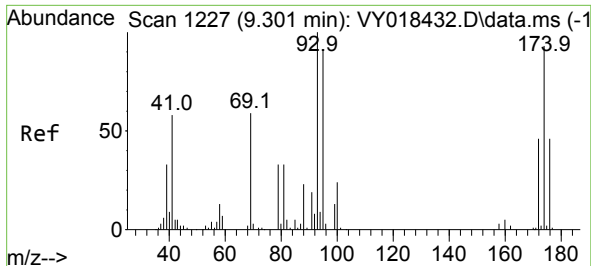
Tgt Ion: 83 Resp: 28536
Ion Ratio Lower Upper
83 100
85 62.5 50.1 75.1
127 10.5 7.4 11.0



#48
Methyl methacrylate
Concen: 19.696 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 41 Resp: 12765
Ion Ratio Lower Upper
41 100
69 88.4 84.1 126.1
39 61.1 43.6 65.4





#49

1,4-Dioxane

Concen: 388.947 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

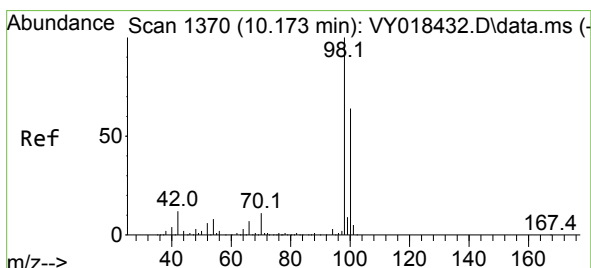
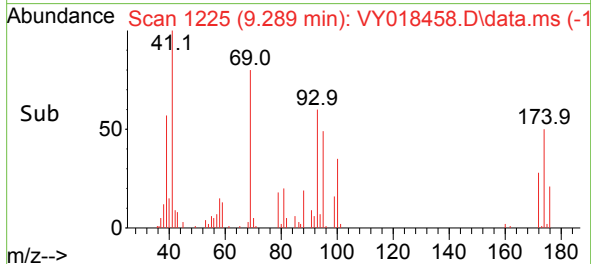
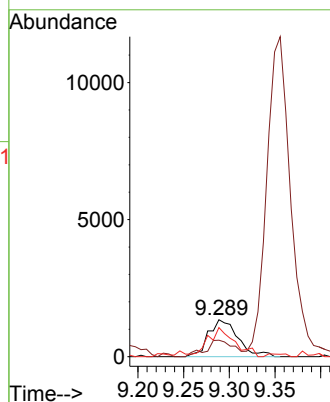
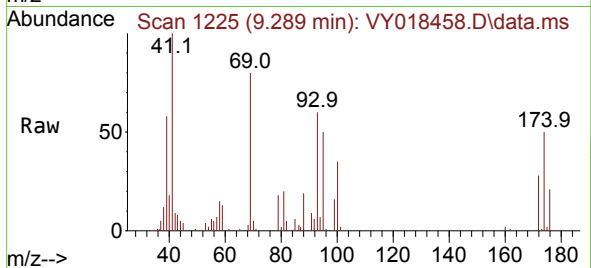
Tgt Ion: 88 Resp: 3026

Ion Ratio Lower Upper

88 100

43 41.5 0.0 0.0#

58 69.5 49.3 73.9



#50

Toluene-d8

Concen: 58.686 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018458.D

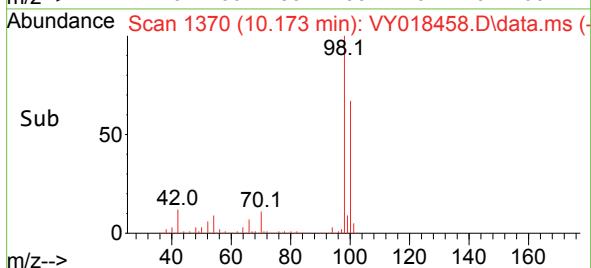
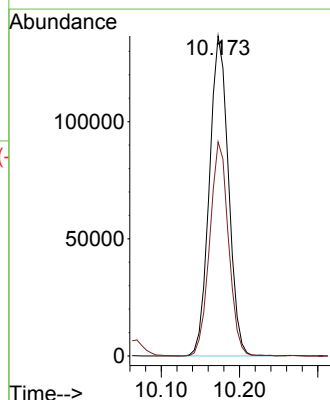
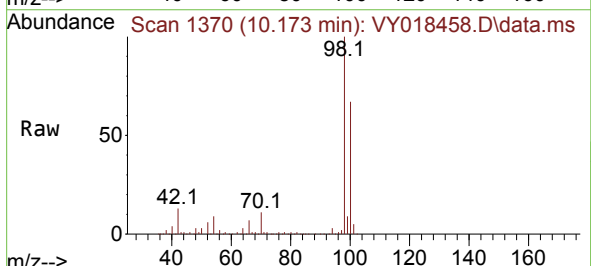
Acq: 04 Jun 2024 12:49

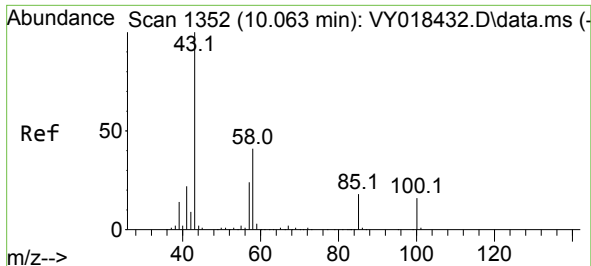
Tgt Ion: 98 Resp: 230903

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

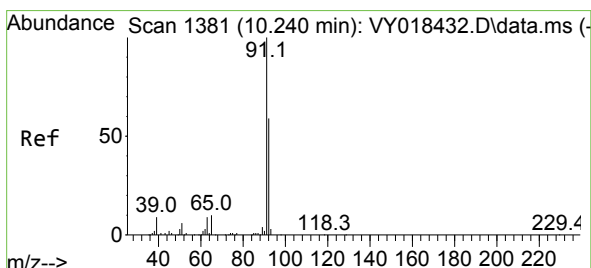
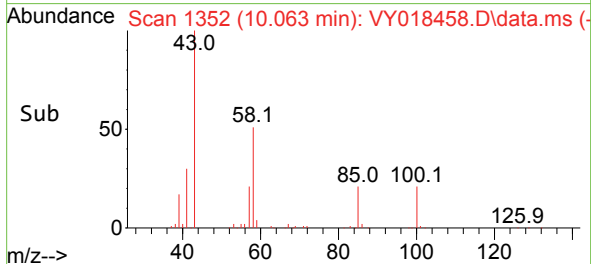
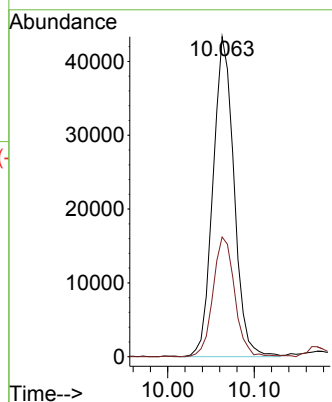
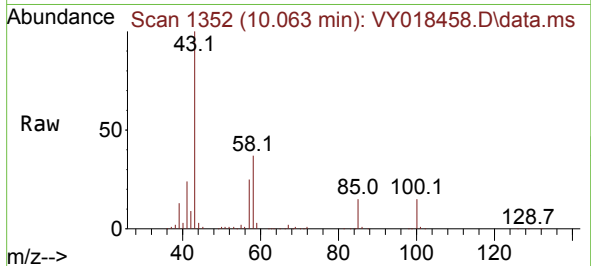




#51
4-Methyl-2-Pentanone
Concen: 99.909 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

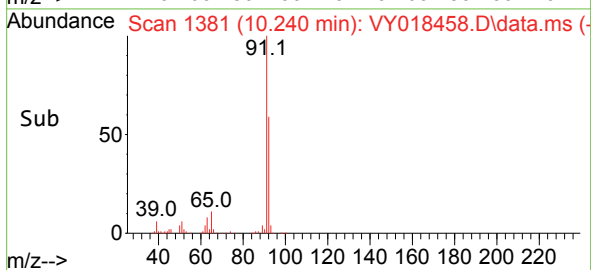
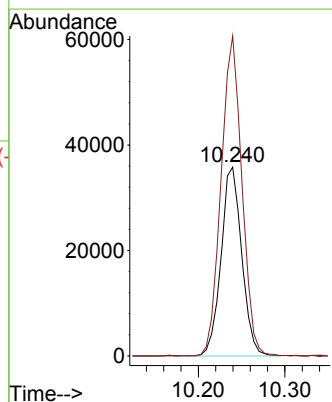
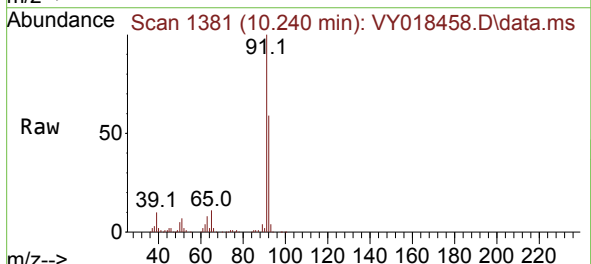
Instrument :
MSVOA_Y
ClientSampleId :

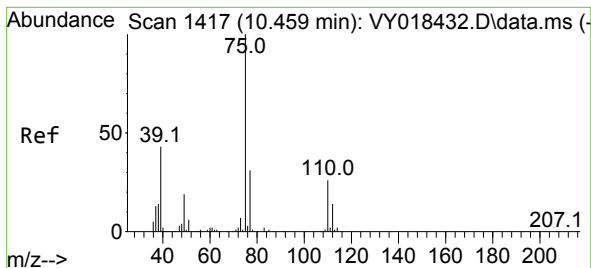
Tgt Ion: 43 Resp: 73078
Ion Ratio Lower Upper
43 100
58 38.7 35.7 53.5



#52
Toluene
Concen: 21.381 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 92 Resp: 59418
Ion Ratio Lower Upper
92 100
91 170.4 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 20.192 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.000 min

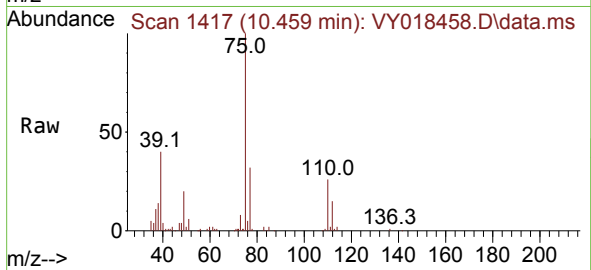
Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

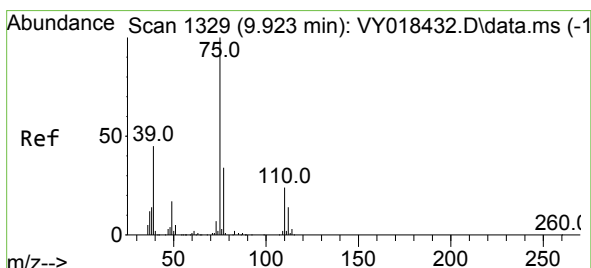
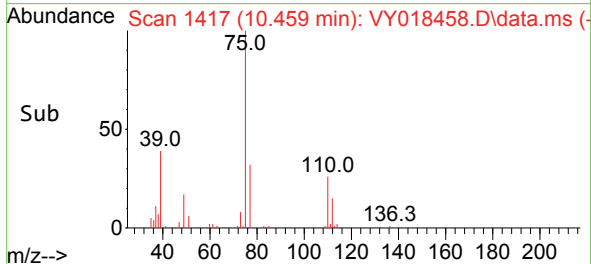
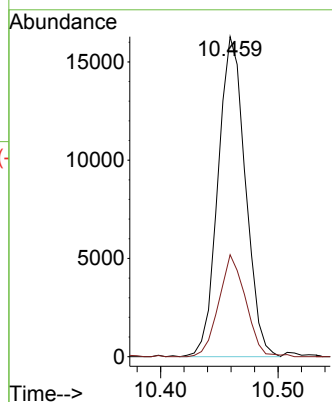


Tgt Ion: 75 Resp: 26371

Ion Ratio Lower Upper

75 100

77 31.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 20.115 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

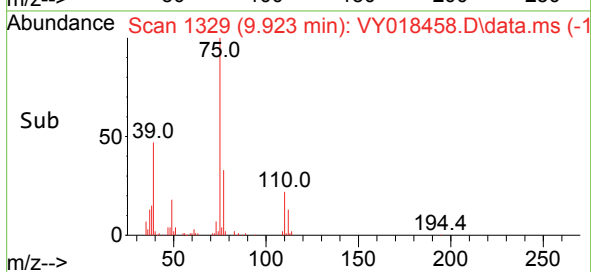
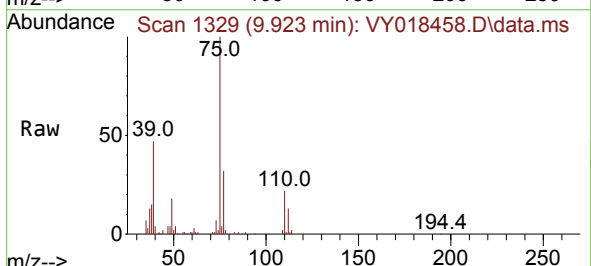
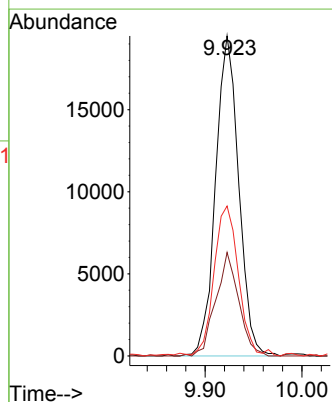
Tgt Ion: 75 Resp: 32345

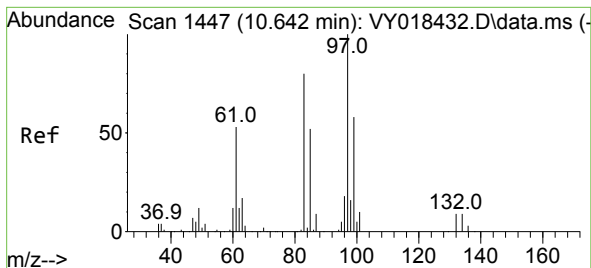
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

39 46.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 19.898 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

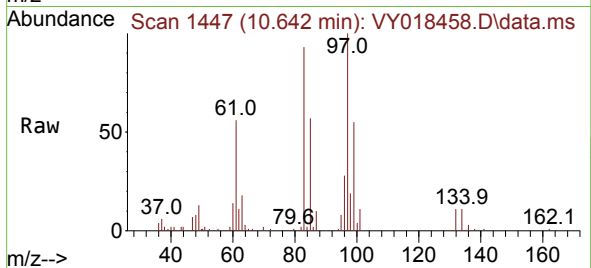
Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 15337

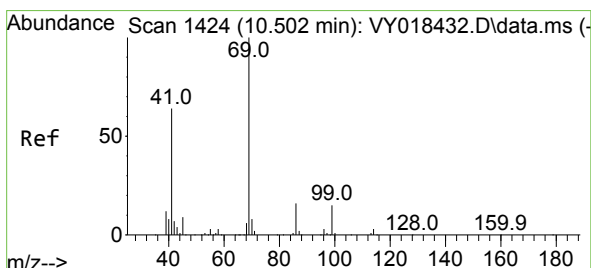
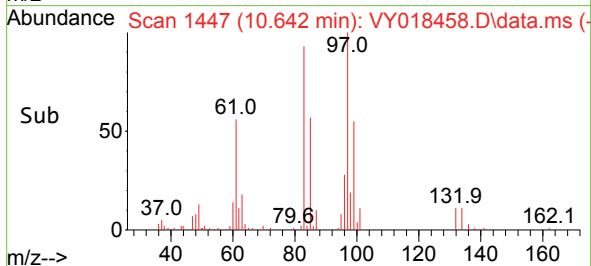
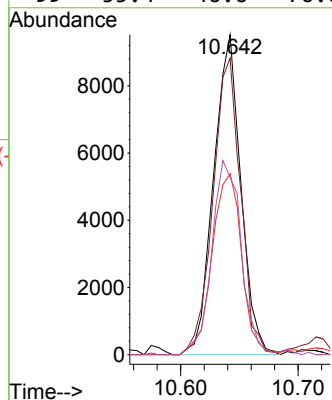
Ion Ratio Lower Upper

97 100

83 92.6 67.5 101.3

85 56.6 42.9 64.3

99 55.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.262 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

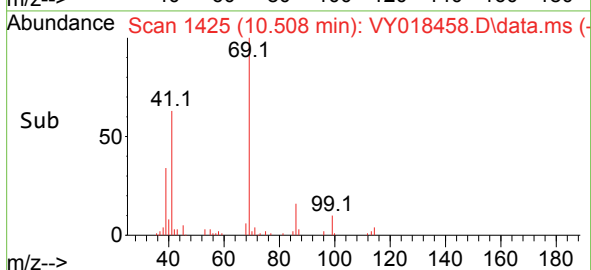
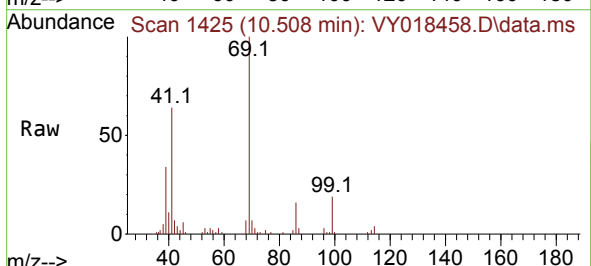
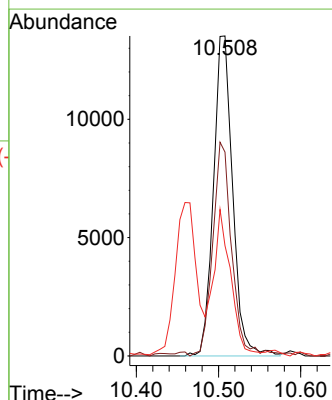
Tgt Ion: 69 Resp: 21977

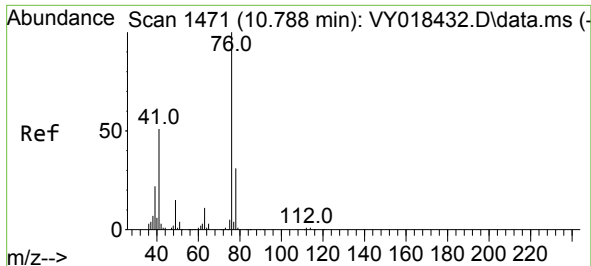
Ion Ratio Lower Upper

69 100

41 66.8 42.3 63.5#

39 40.5 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.471 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

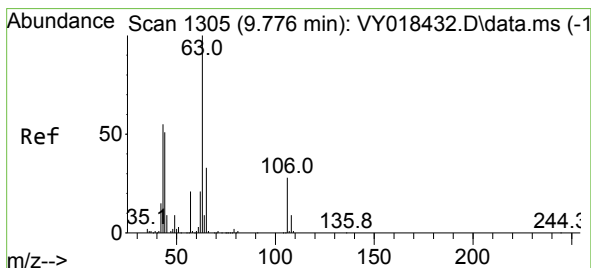
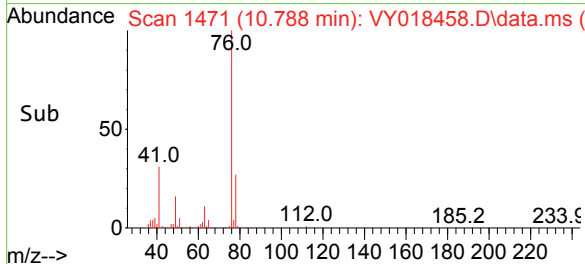
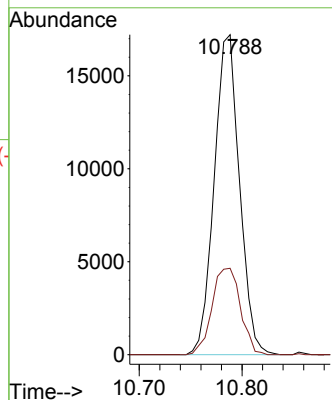
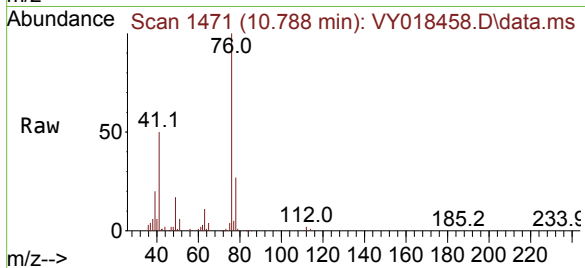
ClientSampleId :

Tgt Ion: 76 Resp: 29403

Ion Ratio Lower Upper

76 100

78 30.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.164 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018458.D

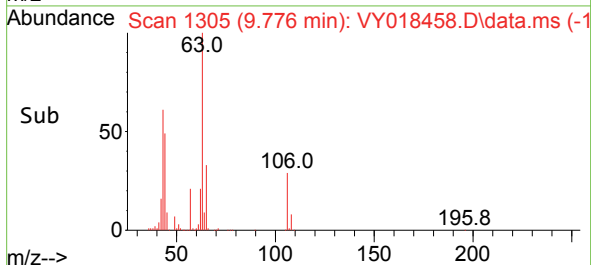
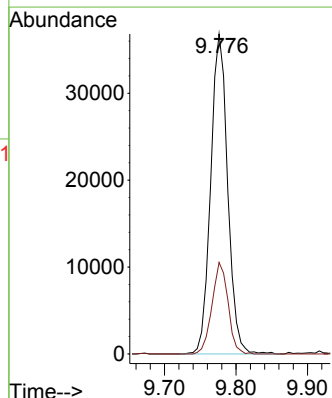
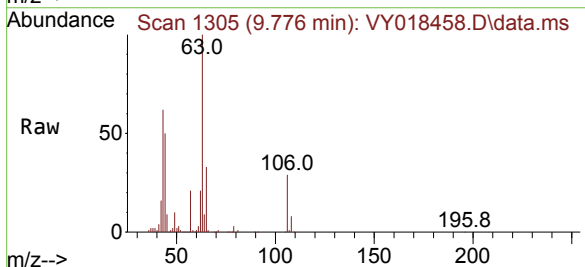
Acq: 04 Jun 2024 12:49

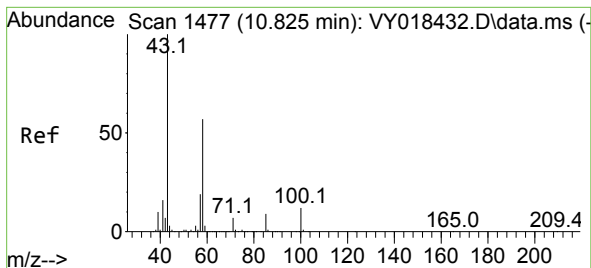
Tgt Ion: 63 Resp: 60671

Ion Ratio Lower Upper

63 100

106 27.0 23.7 35.5

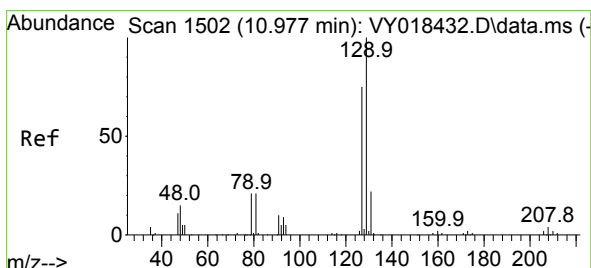
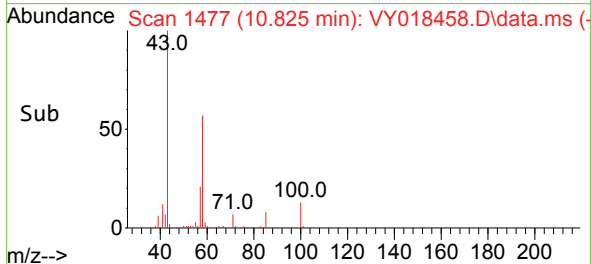
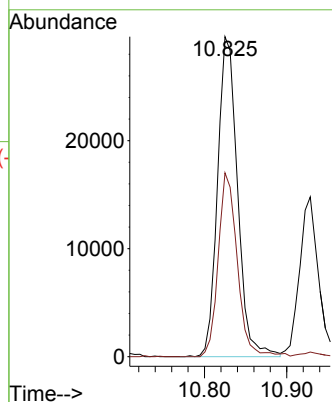
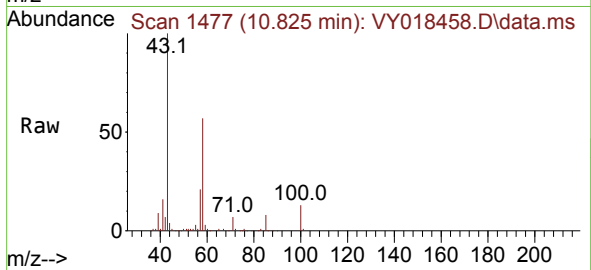




#59
2-Hexanone
Concen: 99.023 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

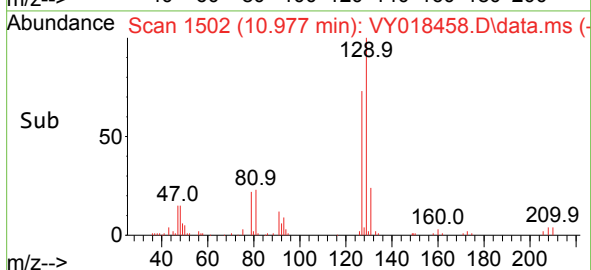
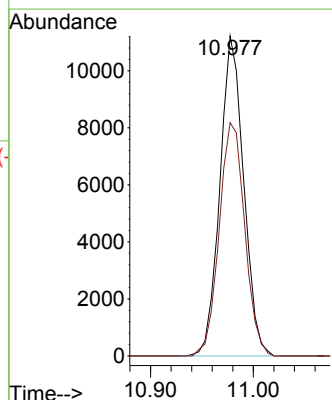
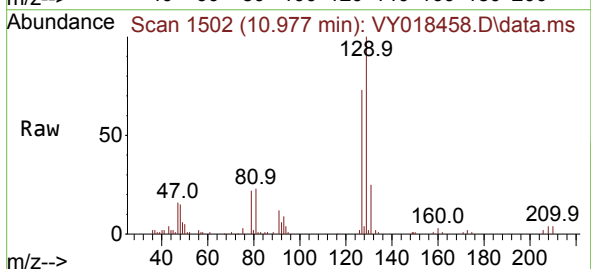
Instrument :
MSVOA_Y
ClientSampleId :

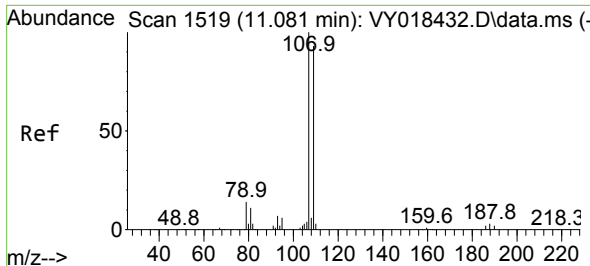
Tgt Ion: 43 Resp: 50052
Ion Ratio Lower Upper
43 100
58 54.8 31.4 94.0



#60
Dibromochloromethane
Concen: 19.113 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 129 Resp: 17998
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0

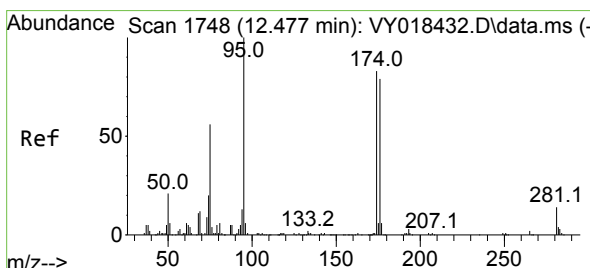
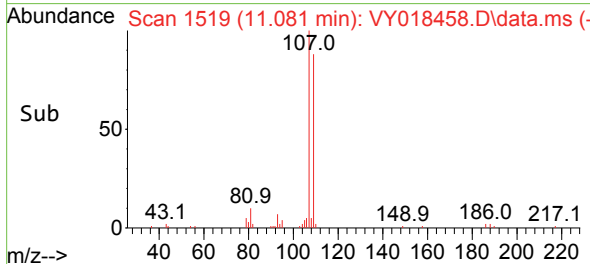
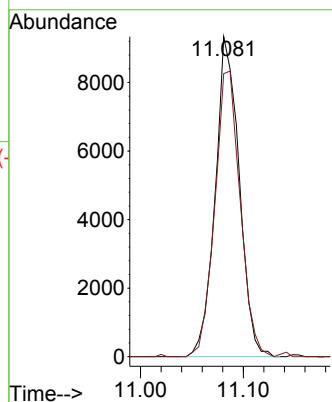
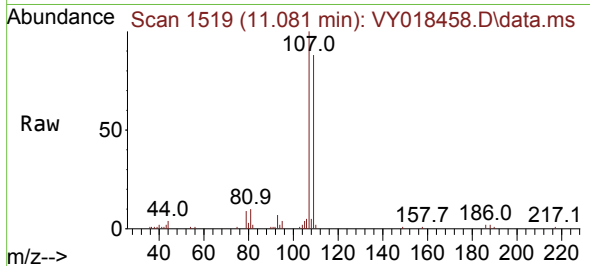




#61
1,2-Dibromoethane
Concen: 20.774 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

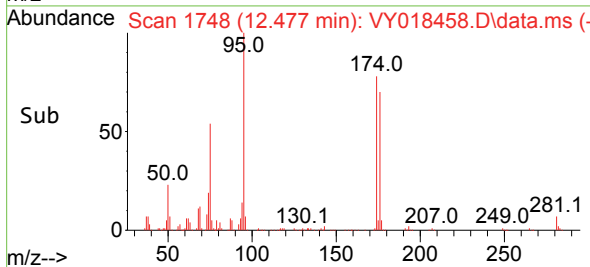
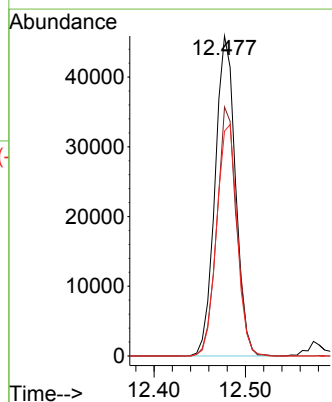
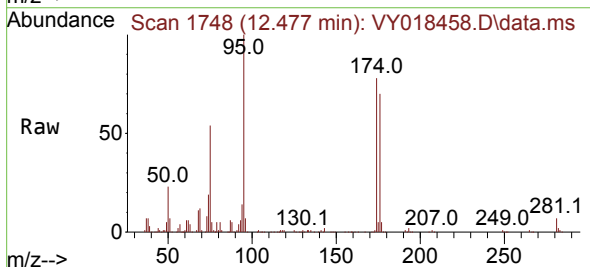
Instrument :
MSVOA_Y
ClientSampleId :

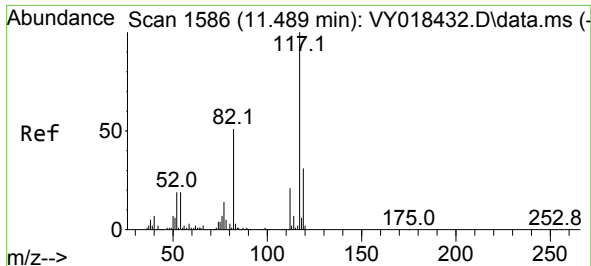
Tgt Ion:107 Resp: 15078
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 58.156 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

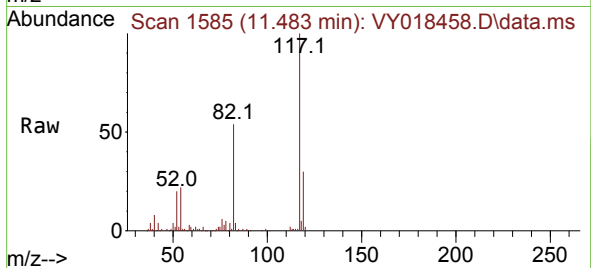
Tgt Ion: 95 Resp: 71243
Ion Ratio Lower Upper
95 100
174 75.4 0.0 175.6
176 72.9 0.0 171.4





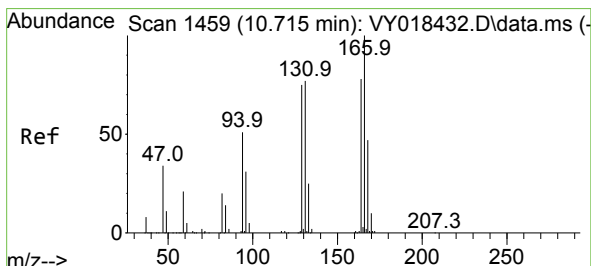
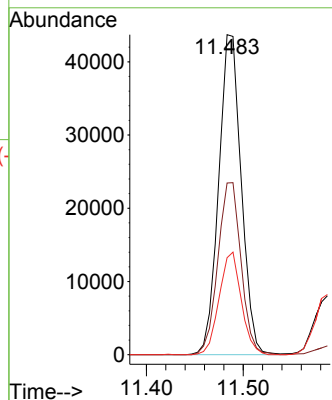
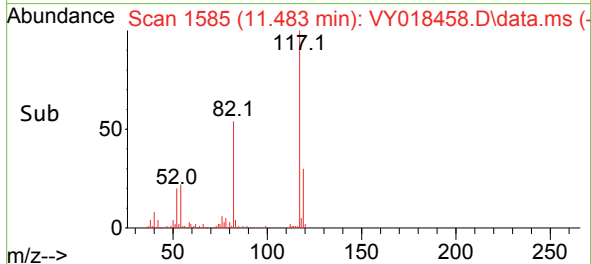
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :

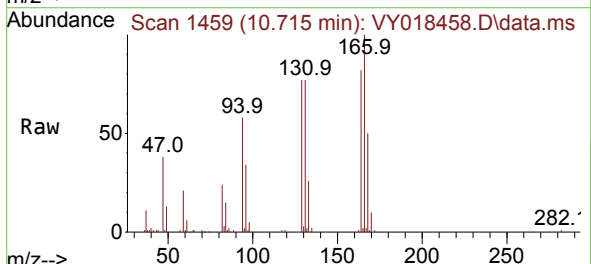


Tgt Ion:117 Resp: 70801

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.4	63.6
119	30.3	25.9	38.9

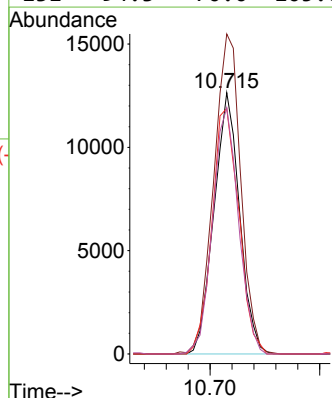
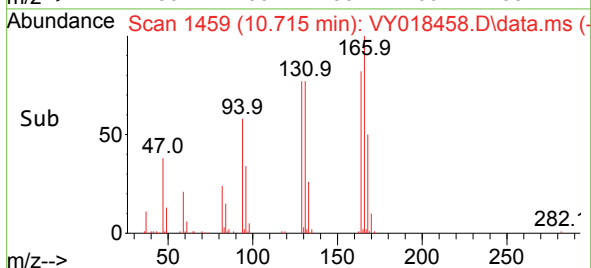


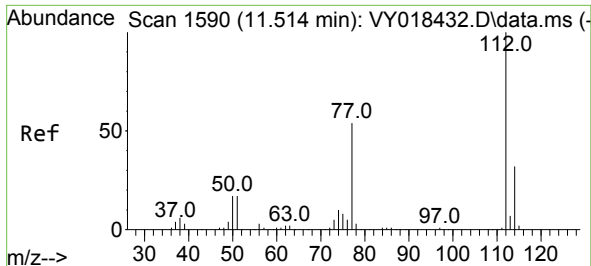
#64
Tetrachloroethene
Concen: 19.650 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49



Tgt Ion:164 Resp: 20493

Ion	Ratio	Lower	Upper
164	100		
166	122.5	102.6	154.0
129	94.0	72.0	108.0
131	94.3	70.0	105.0

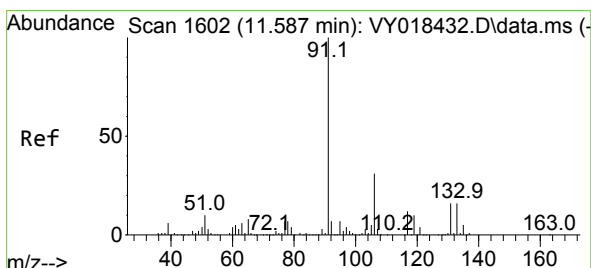
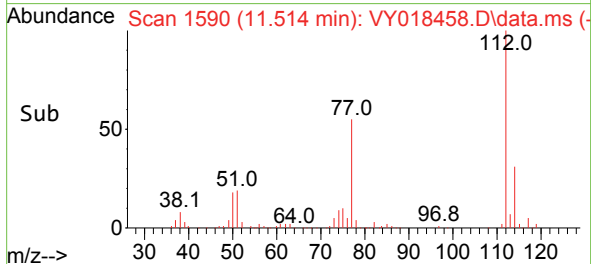
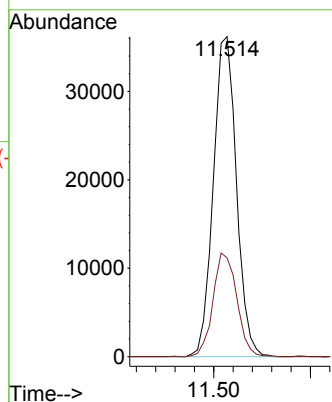
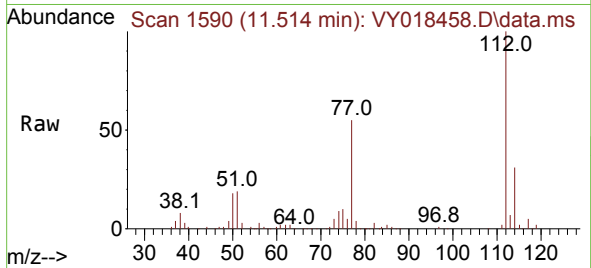




#65
Chlorobenzene
Concen: 19.762 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

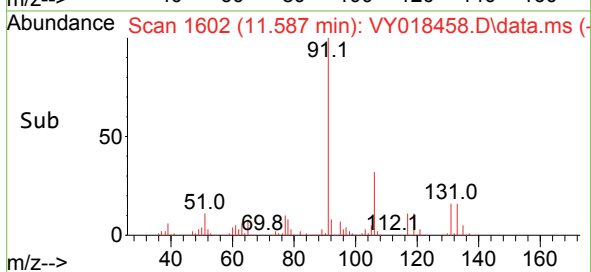
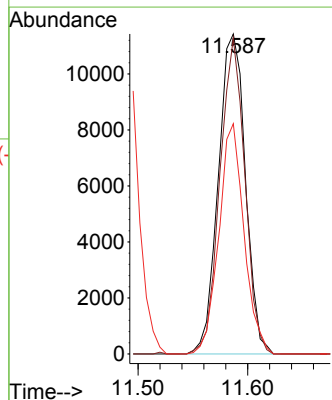
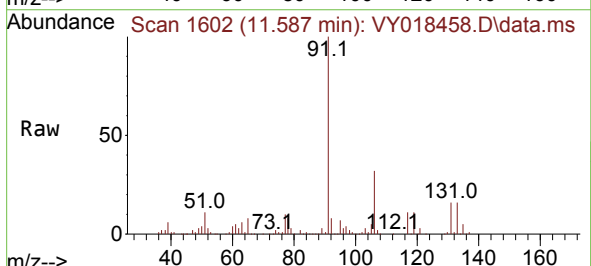
Instrument :
MSVOA_Y
ClientSampleId :

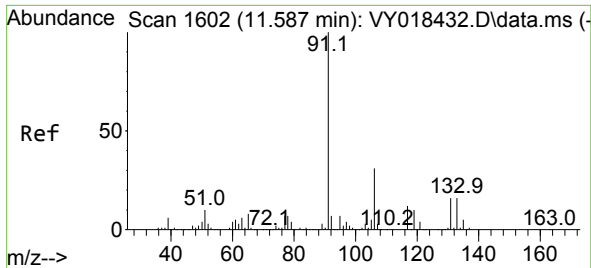
Tgt Ion:112 Resp: 60001
Ion Ratio Lower Upper
112 100
114 30.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.975 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion:131 Resp: 19611
Ion Ratio Lower Upper
131 100
133 90.7 47.8 143.3
119 66.9 34.1 102.2

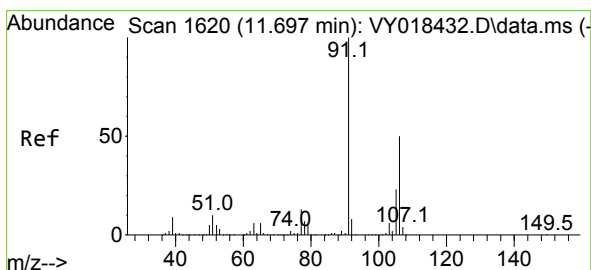
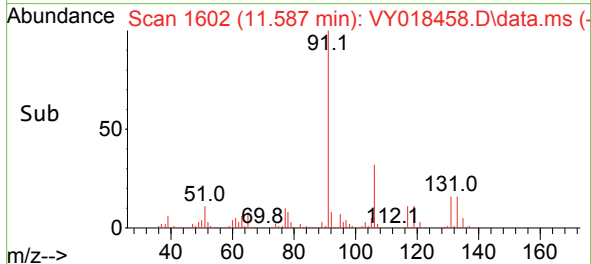
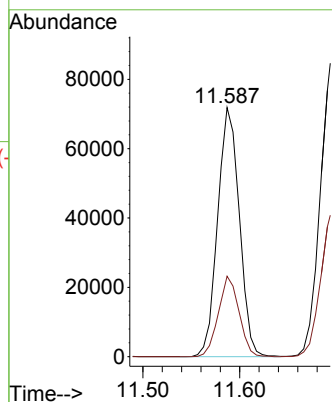
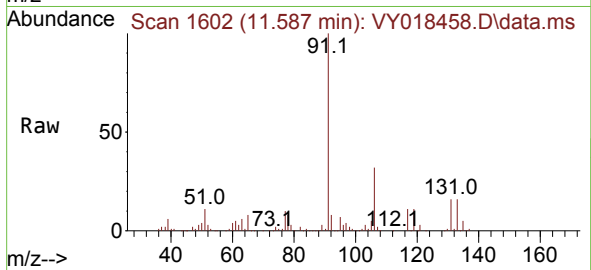




#67
Ethyl Benzene
Concen: 20.200 ug/l
RT: 11.587 min Scan# 111634
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

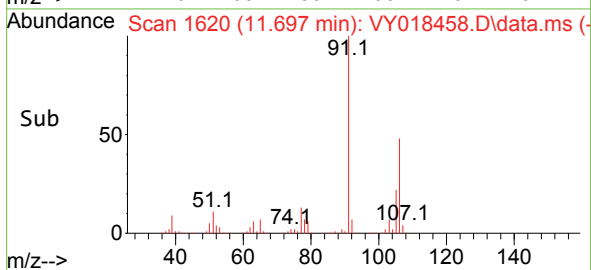
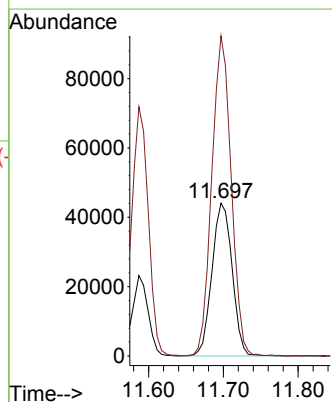
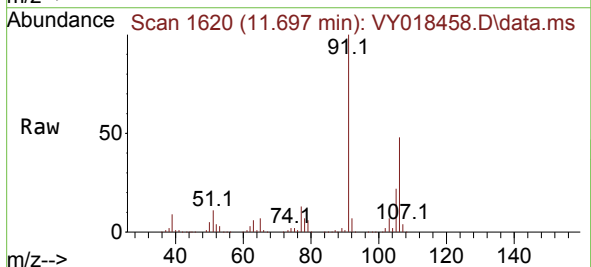
Instrument :
MSVOA_Y
ClientSampleId :

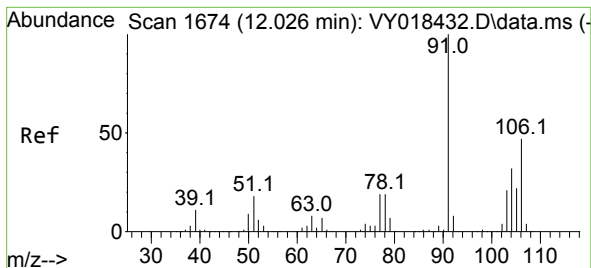
Tgt Ion: 91 Resp: 111634
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 39.778 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion:106 Resp: 82776
Ion Ratio Lower Upper
106 100
91 200.8 156.0 234.0

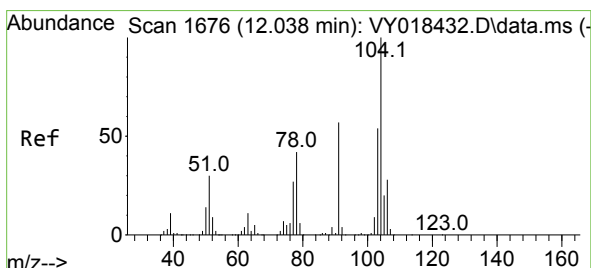
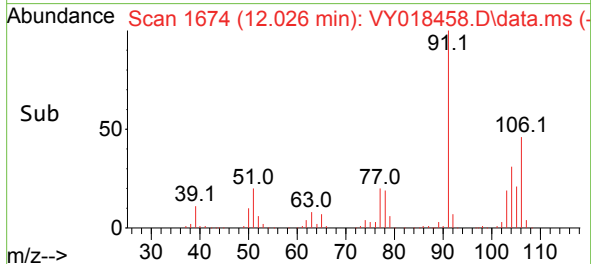
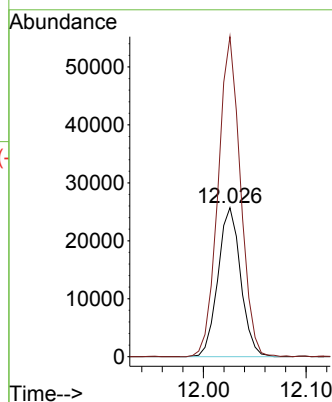
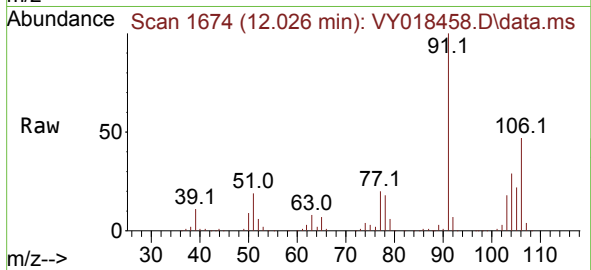




#69
o-Xylene
Concen: 19.663 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

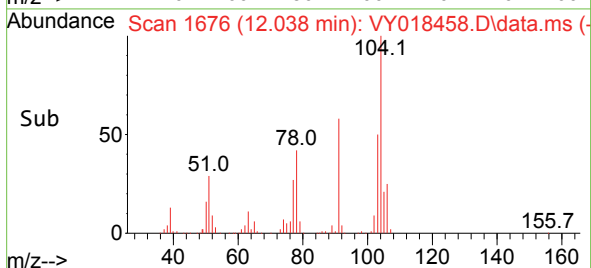
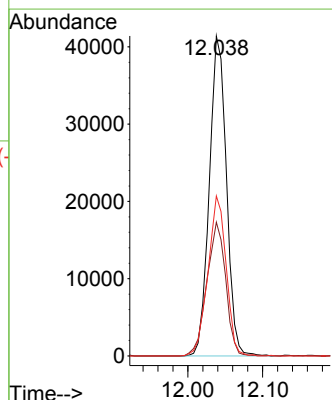
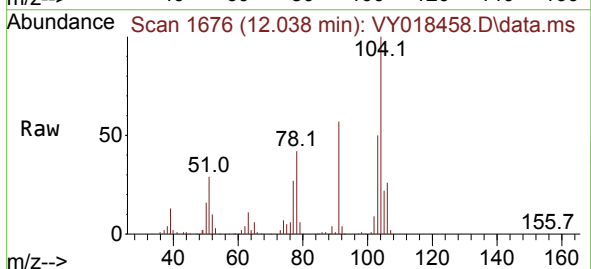
Instrument :
MSVOA_Y
ClientSampleId :

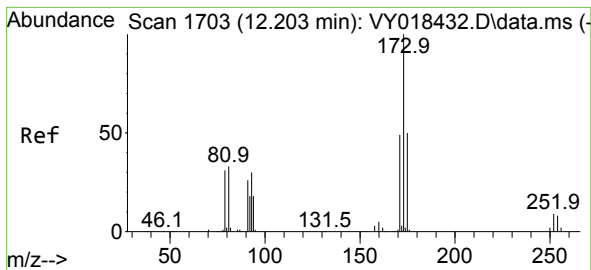
Tgt Ion:106 Resp: 39388
Ion Ratio Lower Upper
106 100
91 212.1 103.6 310.8



#70
Styrene
Concen: 20.183 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion:104 Resp: 66060
Ion Ratio Lower Upper
104 100
78 46.1 37.0 55.4
103 53.1 44.2 66.2





#71

Bromoform

Concen: 17.014 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

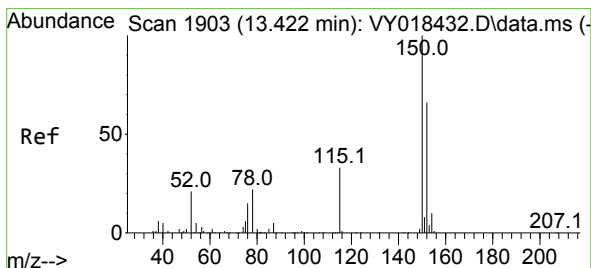
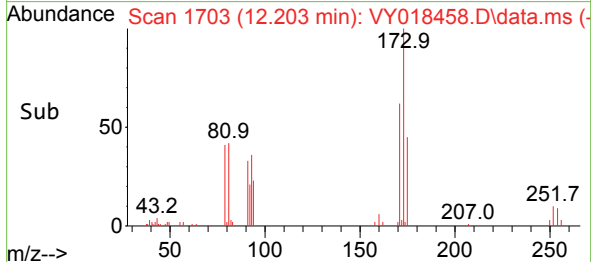
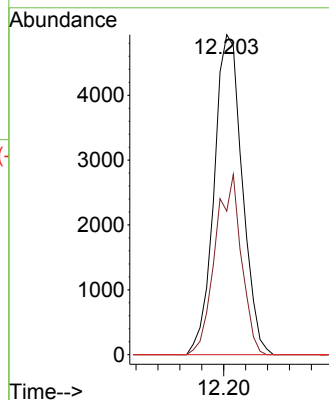
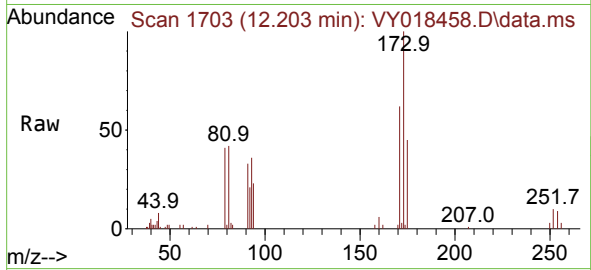
Tgt Ion:173 Resp: 8800

Ion Ratio Lower Upper

173 100

175 52.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

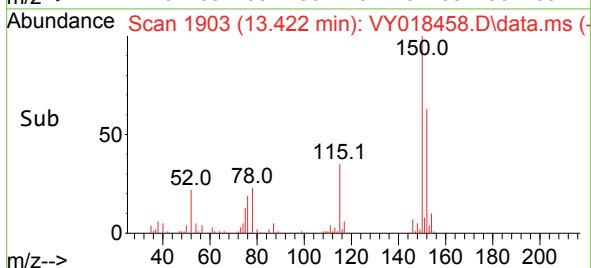
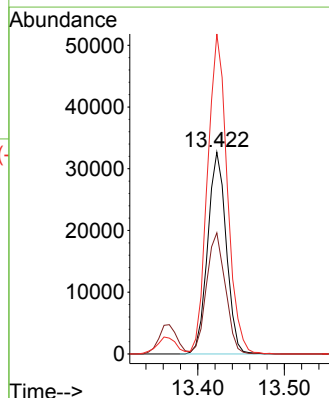
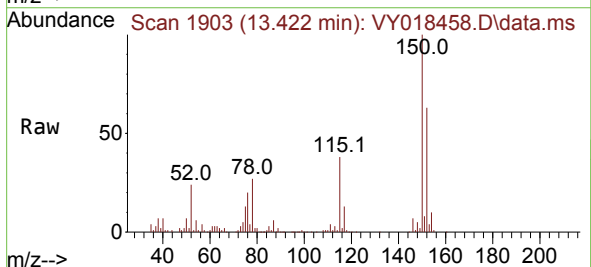
Tgt Ion:152 Resp: 48592

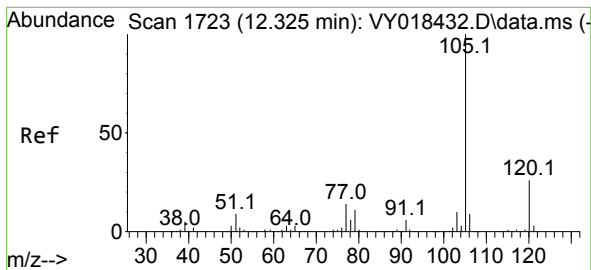
Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 168.8 0.0 345.6





#73

Isopropylbenzene

Concen: 20.379 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

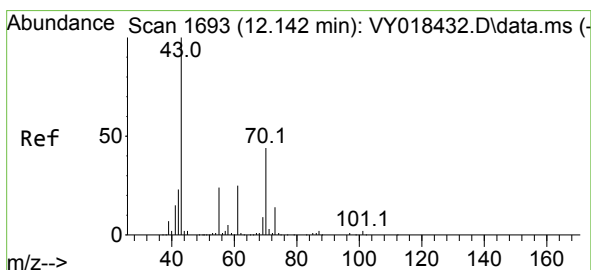
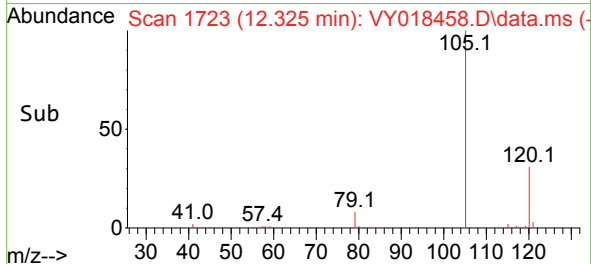
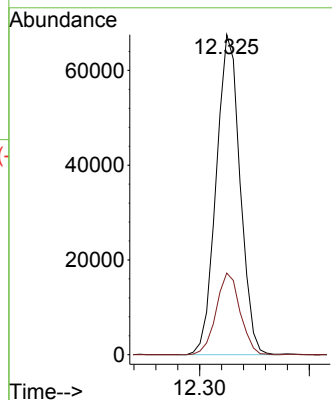
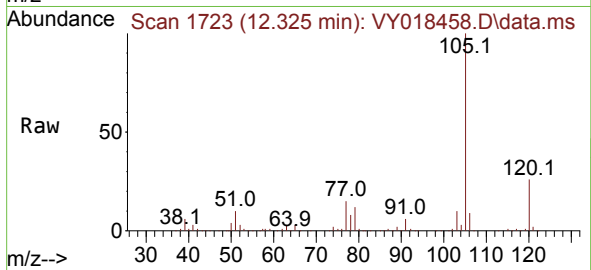
ClientSampleId :

Tgt Ion:105 Resp: 102186

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#74

N-ethyl acetate

Concen: 20.660 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Tgt Ion: 43 Resp: 25217

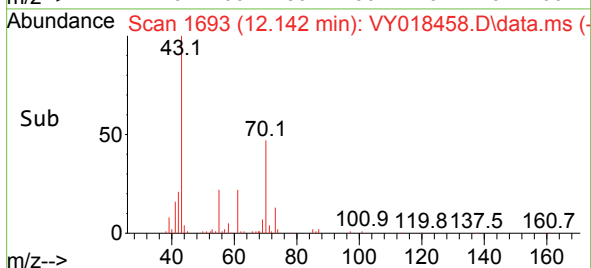
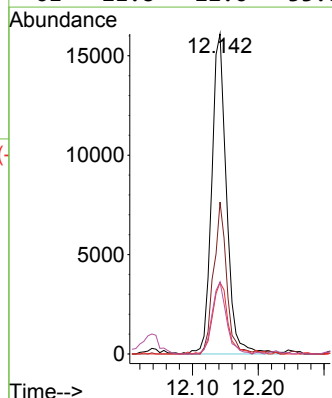
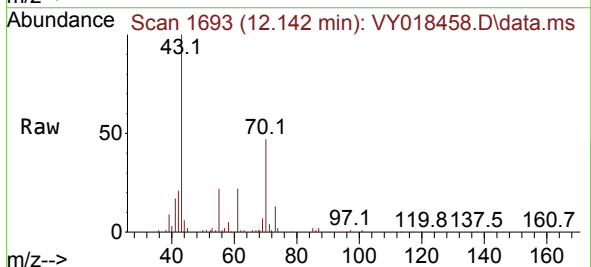
Ion Ratio Lower Upper

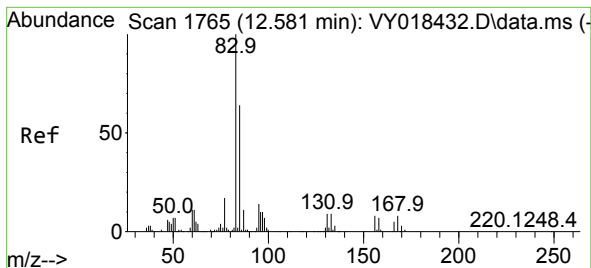
43 100

70 42.0 41.4 62.2

55 22.9 23.3 34.9#

61 21.8 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.508 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

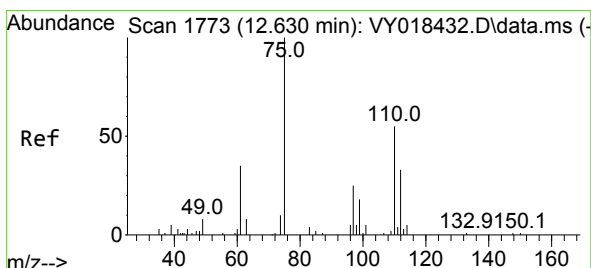
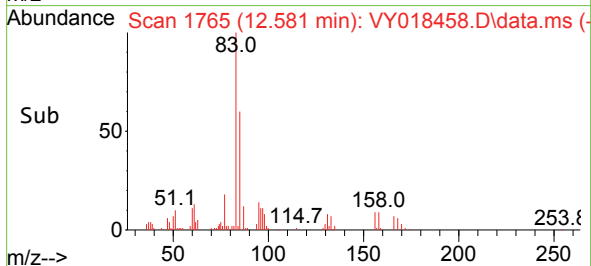
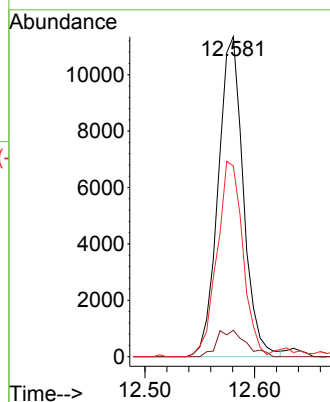
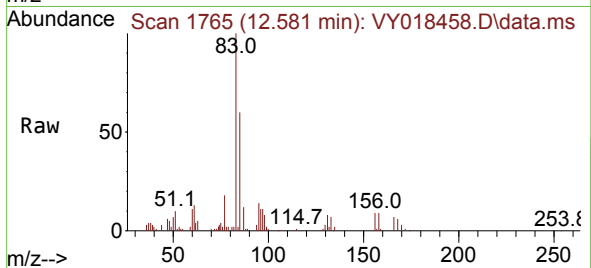
Tgt Ion: 83 Resp: 18102

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 62.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.407 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY018458.D

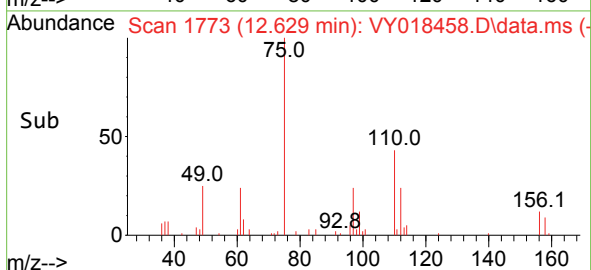
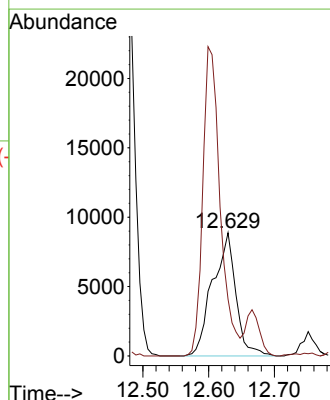
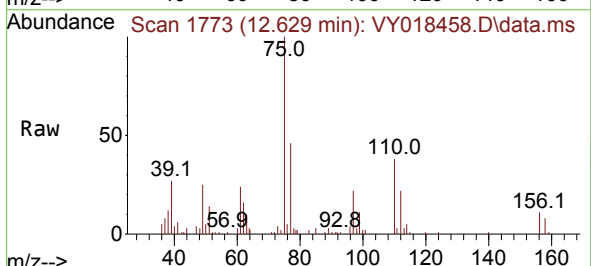
Acq: 04 Jun 2024 12:49

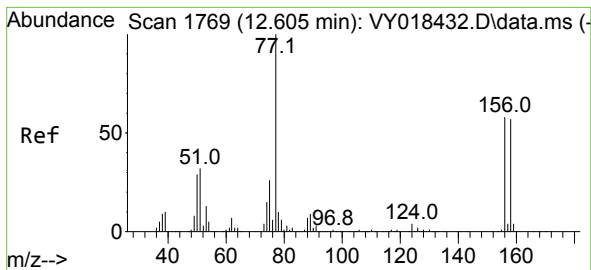
Tgt Ion: 75 Resp: 21937

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.774 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

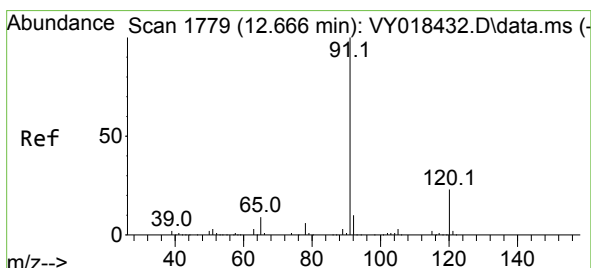
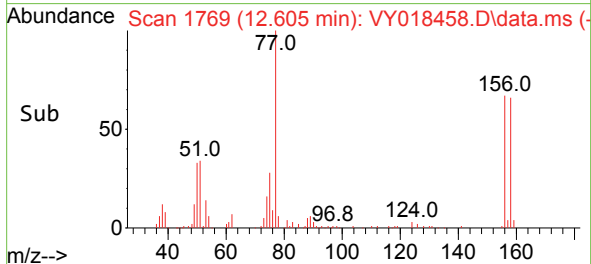
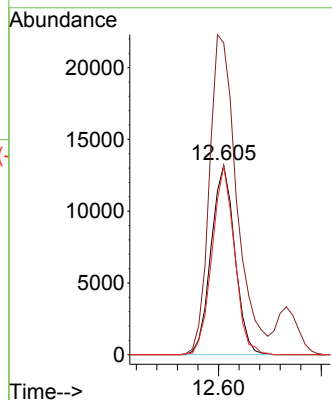
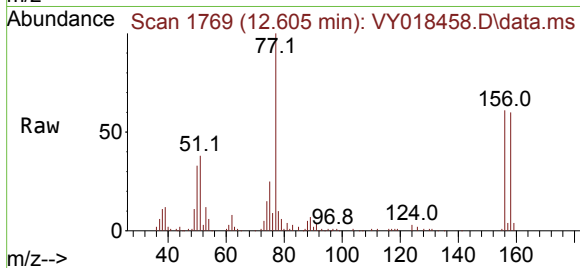
Tgt Ion:156 Resp: 21053

Ion Ratio Lower Upper

156 100

77 195.6 87.1 261.3

158 94.5 48.6 145.9



#78

n-propylbenzene

Concen: 20.760 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY018458.D

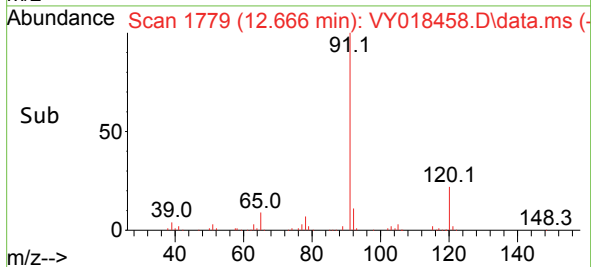
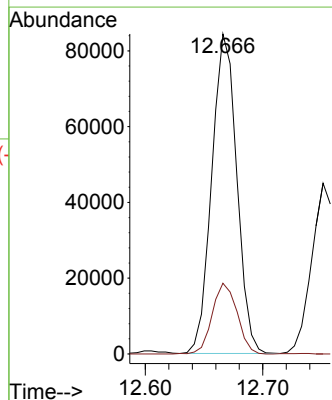
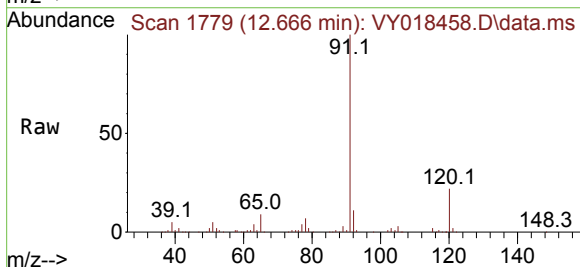
Acq: 04 Jun 2024 12:49

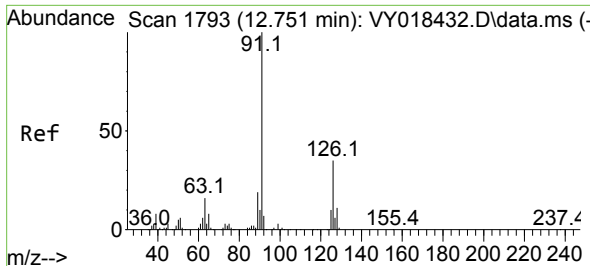
Tgt Ion: 91 Resp: 124939

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4

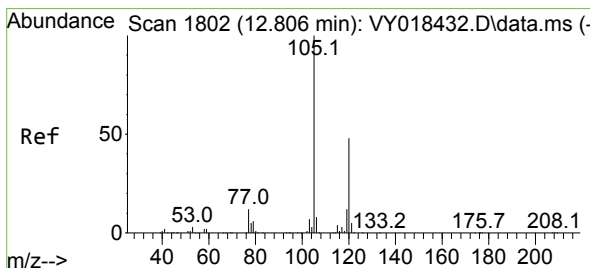
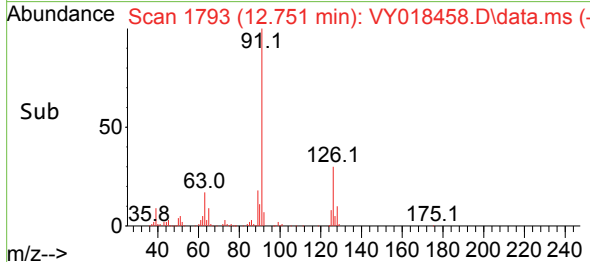
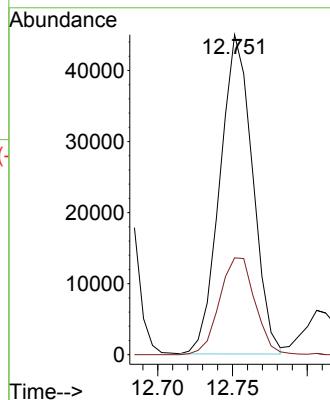
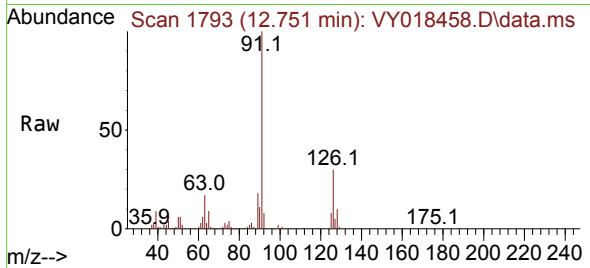




#79
2-Chlorotoluene
Concen: 20.892 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

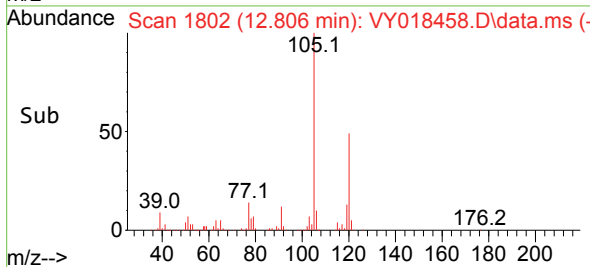
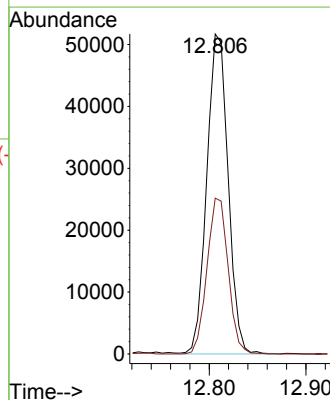
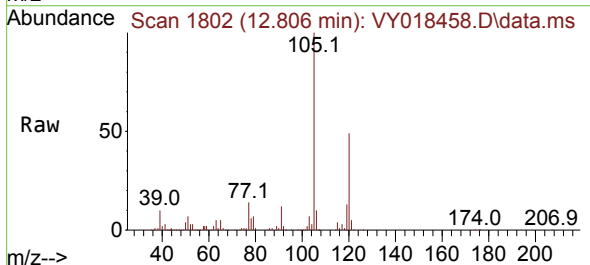
Instrument :
MSVOA_Y
ClientSampleId :

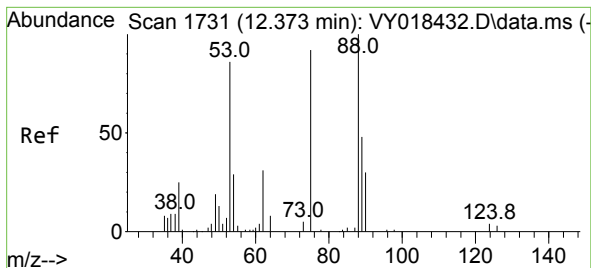
Tgt Ion: 91 Resp: 68355
Ion Ratio Lower Upper
91 100
126 33.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.323 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion:105 Resp: 79369
Ion Ratio Lower Upper
105 100
120 48.3 25.1 75.2

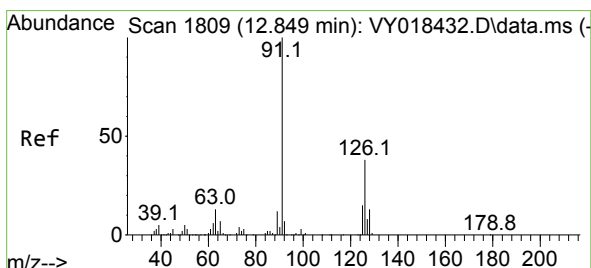
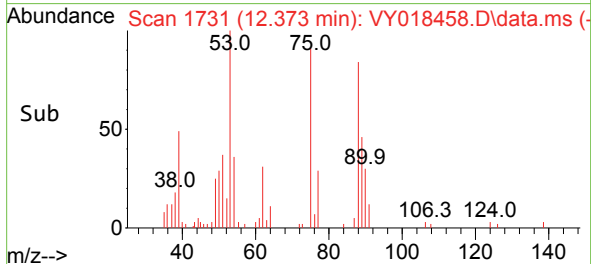
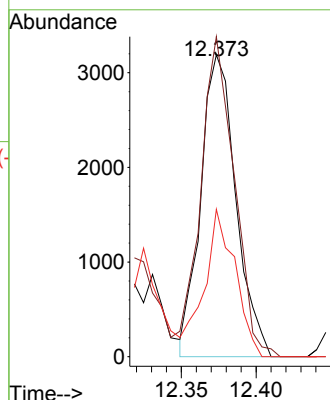
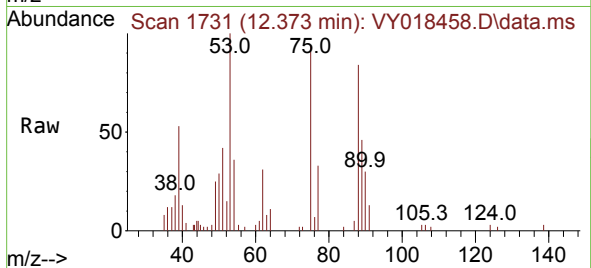




#81
trans-1,4-Dichloro-2-butene
Concen: 18.180 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

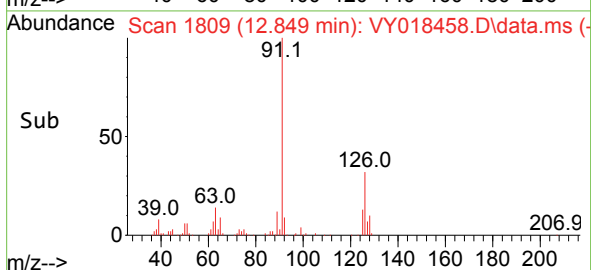
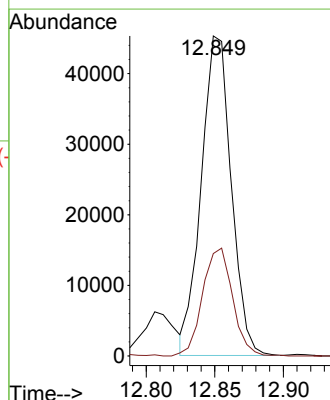
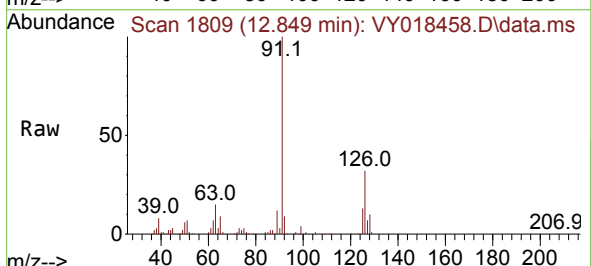
Instrument :
MSVOA_Y
ClientSampleId :

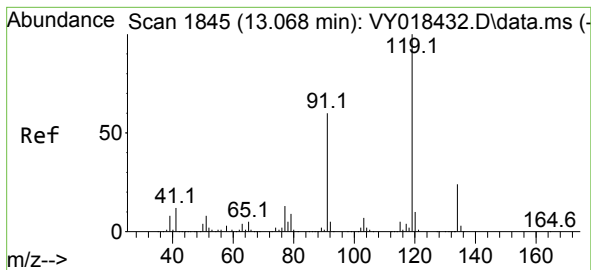
Tgt Ion: 75 Resp: 5214
Ion Ratio Lower Upper
75 100
53 102.1 66.8 100.2#
89 42.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.957 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY018458.D
Acq: 04 Jun 2024 12:49

Tgt Ion: 91 Resp: 68997
Ion Ratio Lower Upper
91 100
126 33.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.092 ug/l

RT: 13.068 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY018458.D

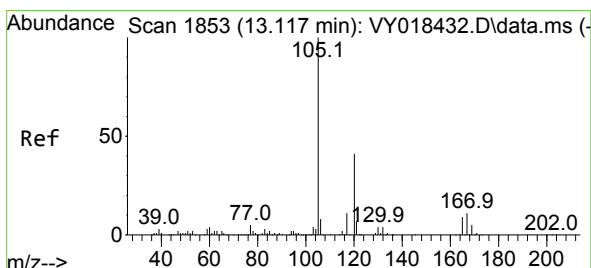
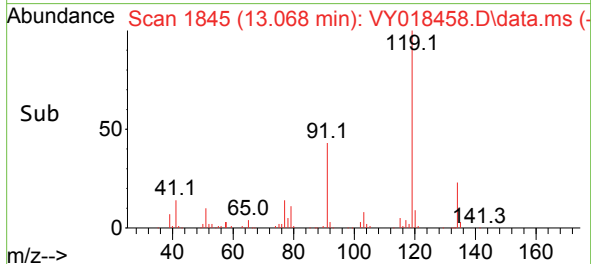
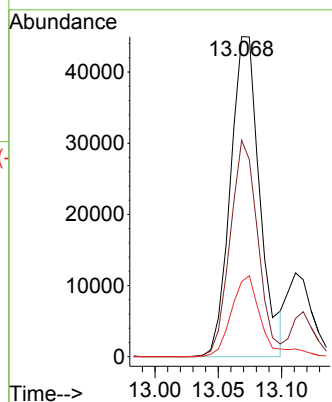
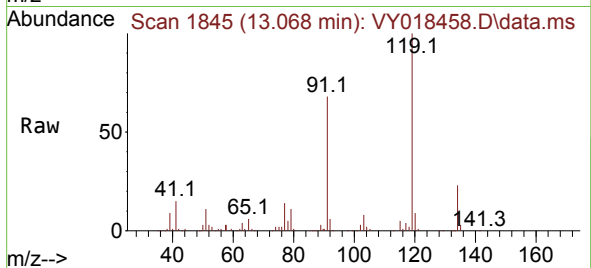
Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	72560
Ion	Ratio	Lower Upper
119	100	
91	63.9	31.3 93.8
134	26.0	13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.088 ug/l

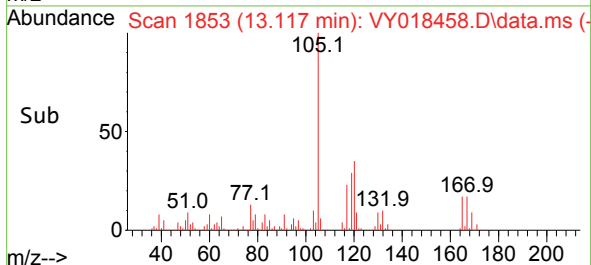
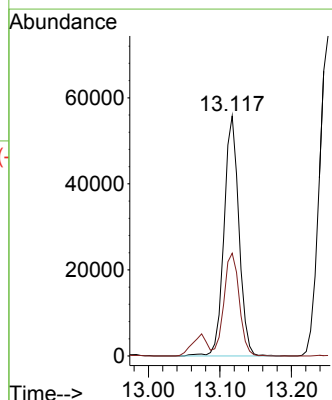
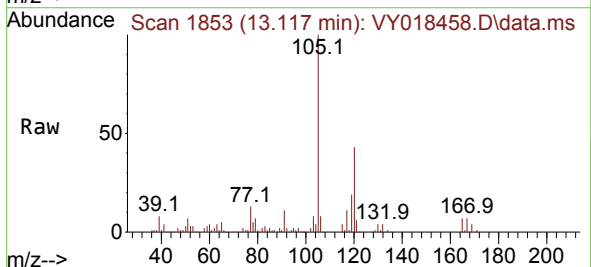
RT: 13.117 min Scan# 1853

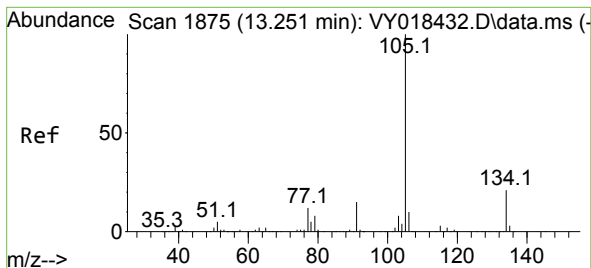
Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Tgt Ion:105	Resp:	80629
Ion	Ratio	Lower Upper
105	100	
120	44.2	23.2 69.6





#85

sec-Butylbenzene

Concen: 20.784 ug/l

RT: 13.251 min Scan# 110539

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

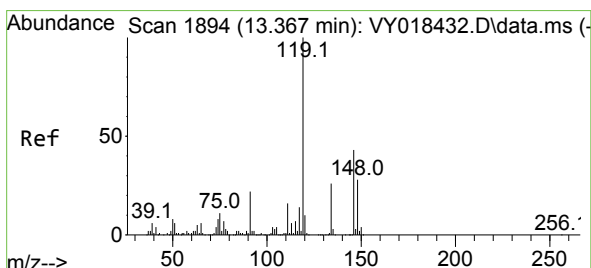
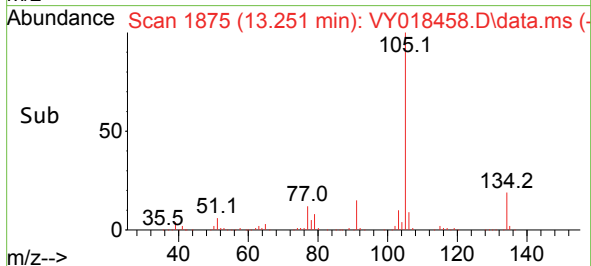
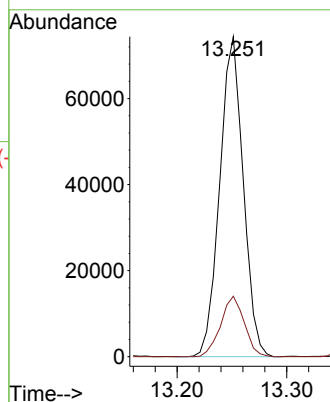
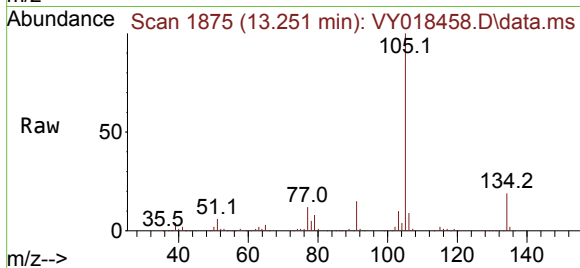
ClientSampleId :

Tgt Ion:105 Resp: 110539

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.482 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

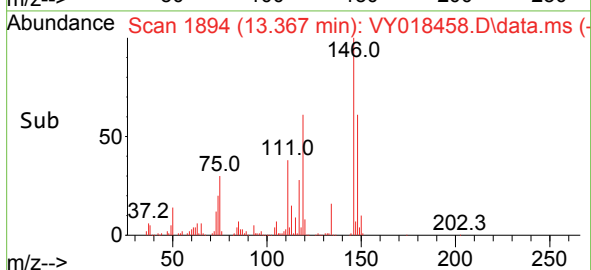
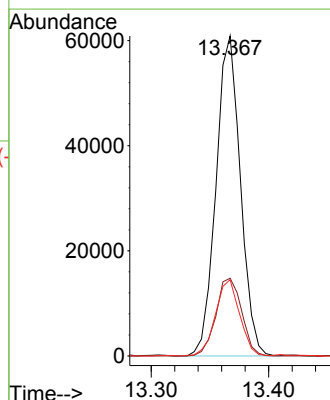
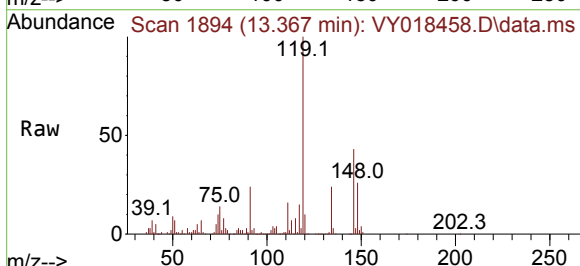
Tgt Ion:119 Resp: 87920

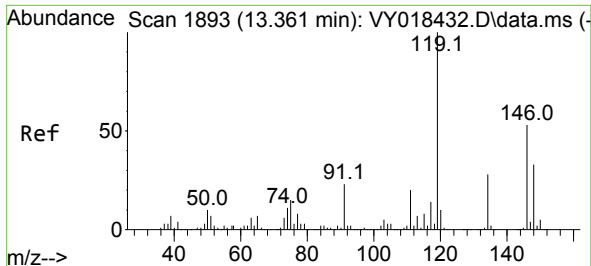
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 23.6 10.7 32.1

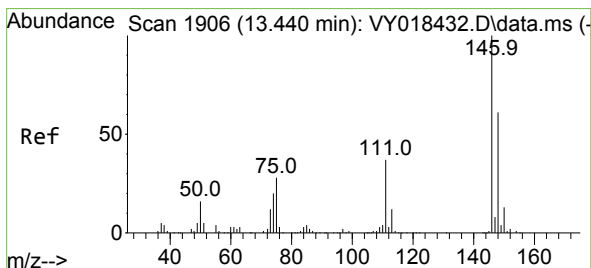
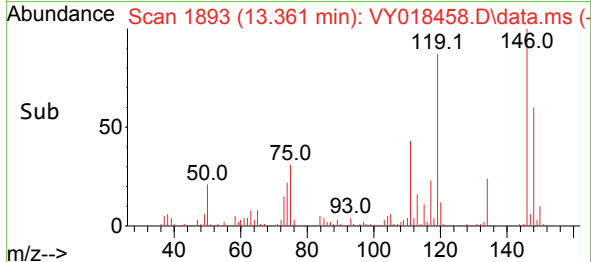
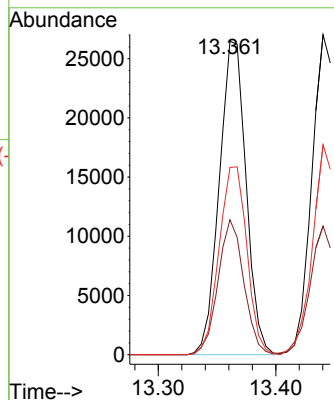
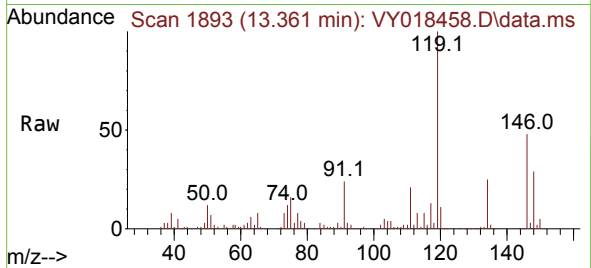




#87
 1,3-Dichlorobenzene
 Concen: 20.005 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VY018458.D
 Acq: 04 Jun 2024 12:49

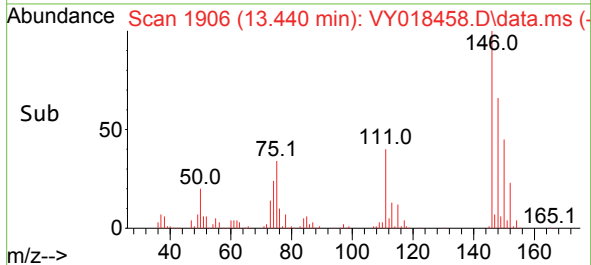
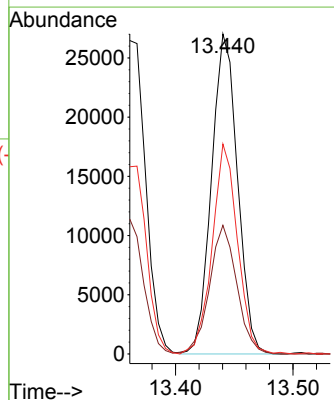
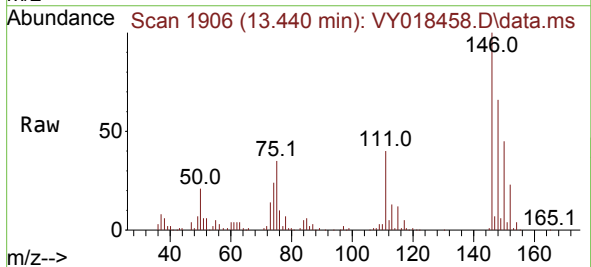
Instrument :
 MSVOA_Y
 ClientSampleId :

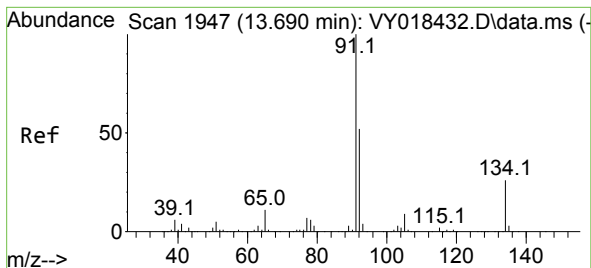
Tgt Ion:146 Resp: 42014
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.0 57.0
 148 62.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.153 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.000 min
 Lab File: VY018458.D
 Acq: 04 Jun 2024 12:49

Tgt Ion:146 Resp: 41579
 Ion Ratio Lower Upper
 146 100
 111 42.2 18.4 55.4
 148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 21.862 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY018458.D

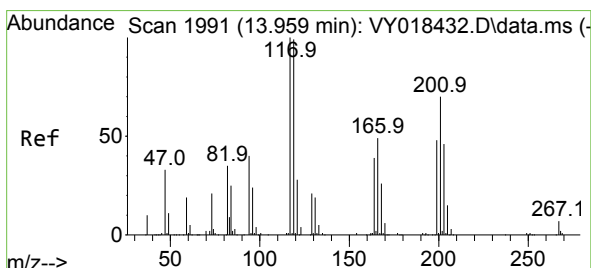
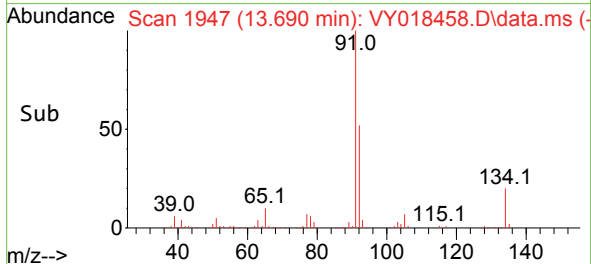
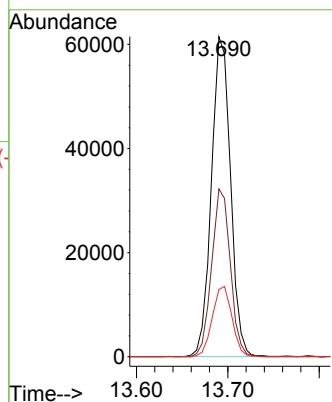
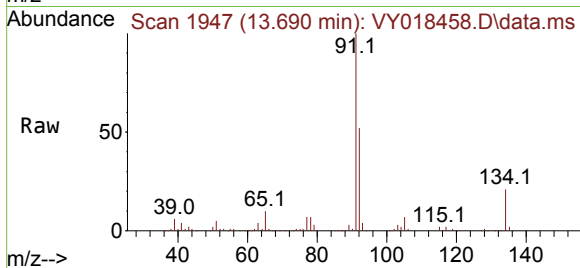
Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	89173
Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.6	79.7
134	22.5	12.9	38.7



#90

Hexachloroethane

Concen: 19.863 ug/l

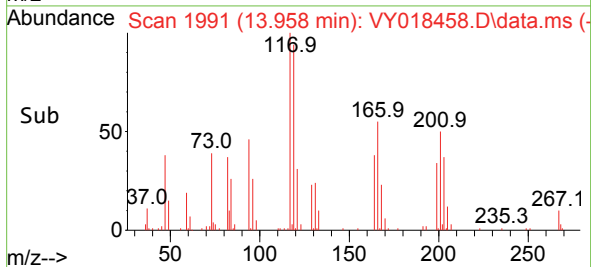
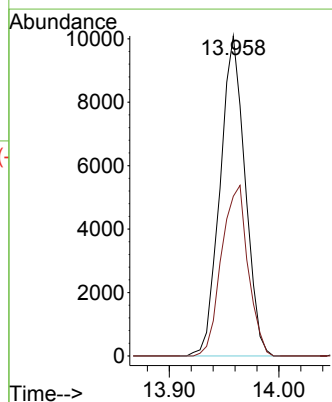
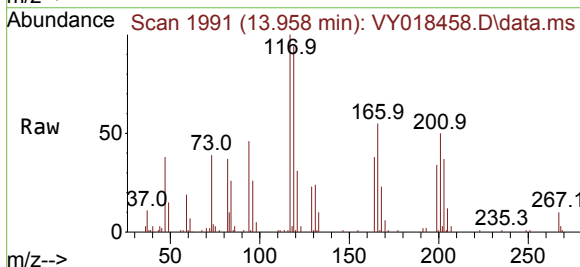
RT: 13.958 min Scan# 1991

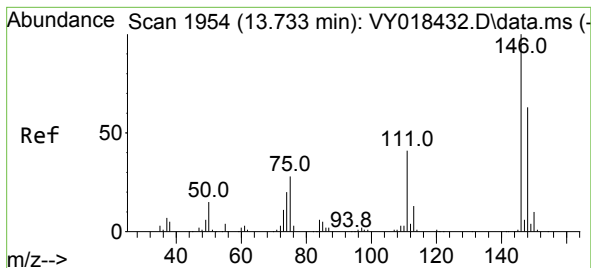
Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Tgt Ion:	117	Resp:	15981
Ion	Ratio	Lower	Upper
117	100		
201	56.5	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 19.749 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

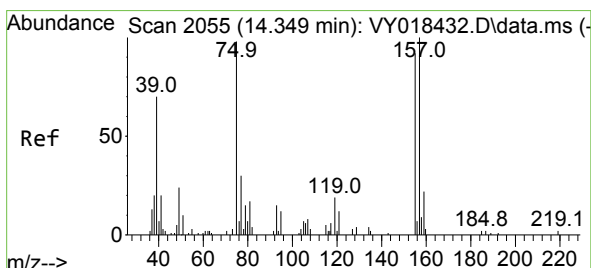
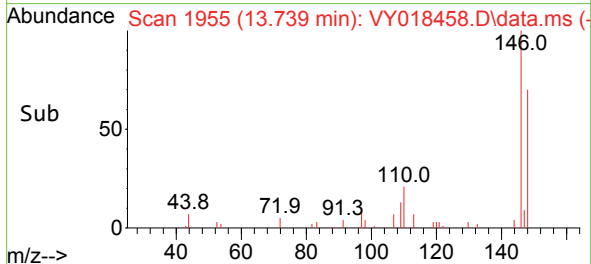
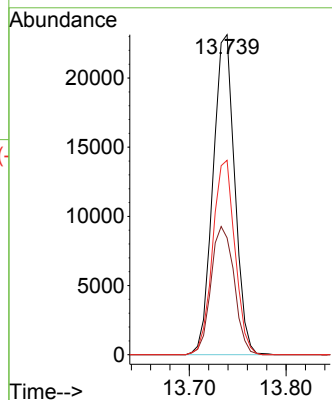
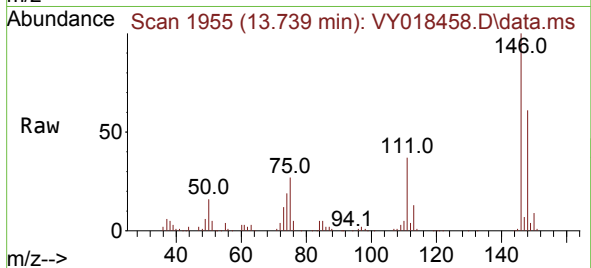
Tgt Ion:146 Resp: 36091

Ion Ratio Lower Upper

146 100

111 42.8 19.9 59.7

148 62.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.833 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

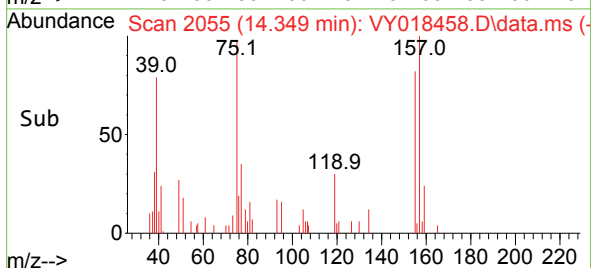
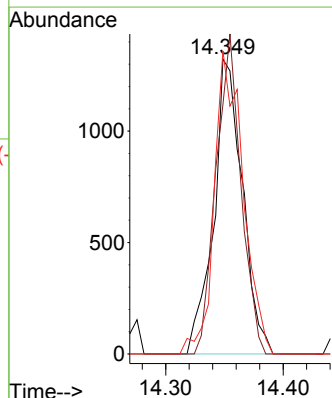
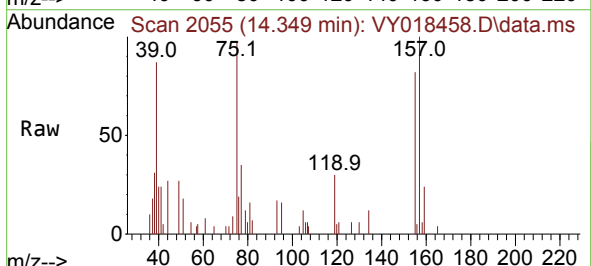
Tgt Ion: 75 Resp: 2261

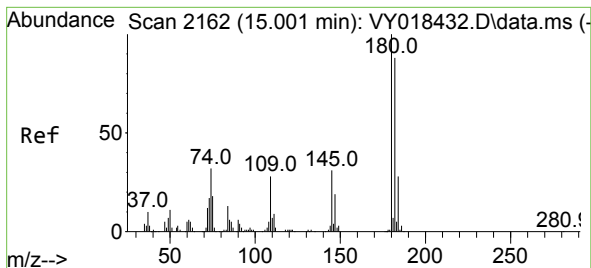
Ion Ratio Lower Upper

75 100

155 93.5 48.6 145.8

157 102.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.236 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

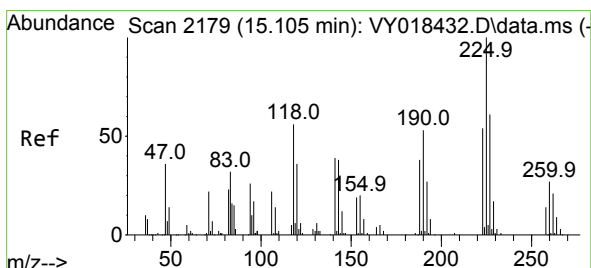
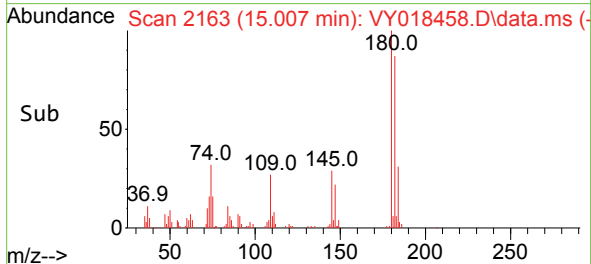
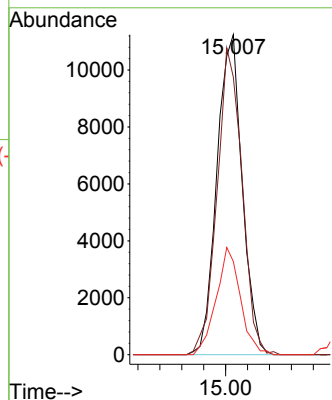
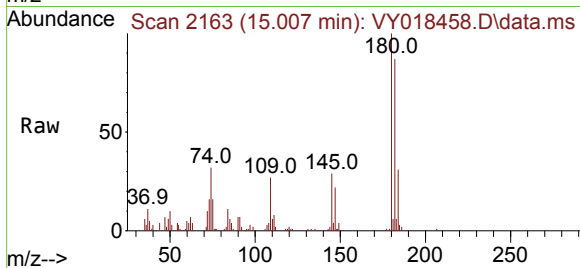
Tgt Ion:180 Resp: 18024

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 32.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.785 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

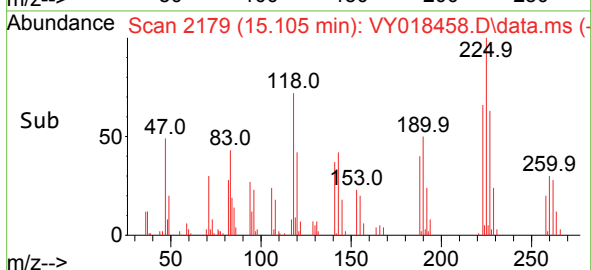
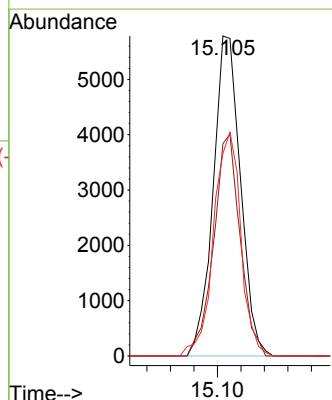
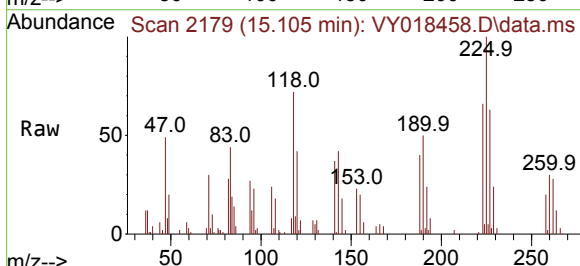
Tgt Ion:225 Resp: 9336

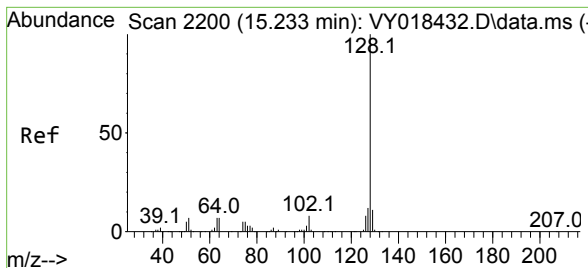
Ion Ratio Lower Upper

225 100

223 67.3 30.4 91.2

227 69.5 31.9 95.9





#95

Naphthalene

Concen: 17.221 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018458.D

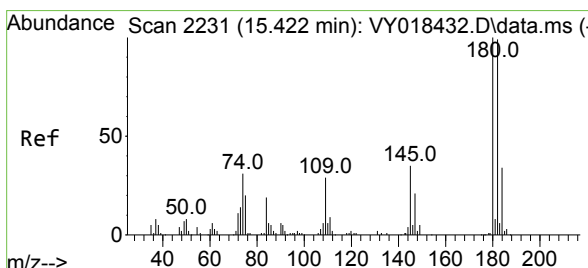
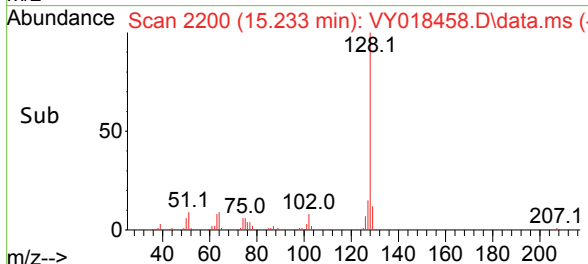
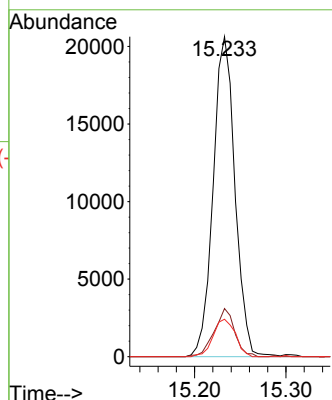
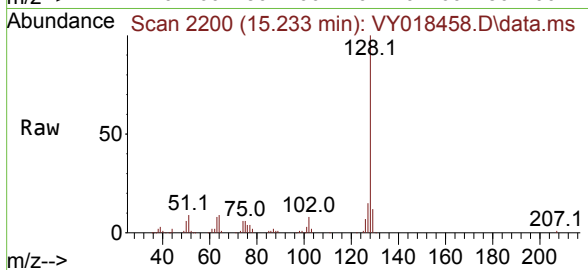
Acq: 04 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	34184
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.6 16.0
129	12.0	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.800 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018458.D

Acq: 04 Jun 2024 12:49

Tgt Ion:180	Resp:	15721
Ion Ratio	Lower	Upper
180	100	
182	93.0	47.6 142.9
145	34.1	15.4 46.1

