

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018354.D
 Acq On : 23 May 2024 11:26
 Operator : SY/MD
 Sample : VY0523SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 24 01:13:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	143894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	71194	52.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.440%	
35) Dibromofluoromethane	7.710	113	73849	48.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.040%	
50) Toluene-d8	10.179	98	300455	50.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.477	95	95657	51.628	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21692	17.662	ug/l	97
3) Chloromethane	2.107	50	37944	19.011	ug/l	98
4) Vinyl Chloride	2.241	62	47865	21.437	ug/l	97
5) Bromomethane	2.631	94	32666	20.463	ug/l	99
6) Chloroethane	2.778	64	30551	21.078	ug/l	96
7) Trichlorofluoromethane	3.113	101	52051	20.773	ug/l	97
8) Diethyl Ether	3.515	74	16503	20.626	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.881	101	31002	20.055	ug/l	93
10) Methyl Iodide	4.076	142	29196	18.780	ug/l	97
11) Tert butyl alcohol	4.936	59	16651	107.700	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	30049	19.736	ug/l	95
13) Acrolein	3.717	56	12977	106.596	ug/l	95
14) Allyl chloride	4.467	41	44365	20.864	ug/l	96
15) Acrylonitrile	5.143	53	38914	112.447	ug/l	98
16) Acetone	3.930	43	31366	111.864	ug/l #	87
17) Carbon Disulfide	4.180	76	79001	18.581	ug/l	99
18) Methyl Acetate	4.460	43	17130	23.049	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	79766	21.849	ug/l	98
20) Methylene Chloride	4.704	84	43700	24.610	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	32079	19.973	ug/l	91
22) Diisopropyl ether	6.106	45	100503	22.744	ug/l	93
23) Vinyl Acetate	6.045	43	318713	112.641	ug/l	95
24) 1,1-Dichloroethane	6.003	63	59394	21.917	ug/l	98
25) 2-Butanone	6.972	43	51145	115.104	ug/l	89
26) 2,2-Dichloropropane	6.972	77	50482	21.549	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	39765	21.069	ug/l	97
28) Bromochloromethane	7.320	49	21309	23.152	ug/l	83
29) Tetrahydrofuran	7.338	42	33378	114.126	ug/l	89
30) Chloroform	7.496	83	59117	21.402	ug/l	99
31) Cyclohexane	7.771	56	53079	20.635	ug/l	95
32) 1,1,1-Trichloroethane	7.692	97	50426	20.799	ug/l	95
36) 1,1-Dichloropropene	7.905	75	43554	19.527	ug/l	97
37) Ethyl Acetate	7.064	43	24156	22.640	ug/l	99
38) Carbon Tetrachloride	7.893	117	42924	18.790	ug/l	98
39) Methylcyclohexane	9.179	83	58946	18.945	ug/l	95
40) Benzene	8.155	78	136553	20.083	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	11134	20.905	ug/l	94
42) 1,2-Dichloroethane	8.228	62	33234	20.320	ug/l	99
43) Isopropyl Acetate	8.265	43	45028	21.629	ug/l	93
44) Trichloroethene	8.935	130	33099	18.991	ug/l	91
45) 1,2-Dichloropropane	9.210	63	32552	21.286	ug/l	96
46) Dibromomethane	9.301	93	19162	21.354	ug/l	87
47) Bromodichloromethane	9.490	83	43991	20.200	ug/l #	98
48) Methyl methacrylate	9.289	41	19717	20.938	ug/l	86
49) 1,4-Dioxane	9.295	88	4686	402.487	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	116514	110.896	ug/l	93
52) Toluene	10.240	92	85074	19.960	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	41676	20.932	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	50251	20.597	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	25302	21.283	ug/l	97
56) Ethyl methacrylate	10.508	69	35932	22.035	ug/l	89
57) 1,3-Dichloropropane	10.782	76	42083	20.885	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	78091	105.984	ug/l	97
59) 2-Hexanone	10.831	43	82992	114.795	ug/l	93
60) Dibromochloromethane	10.984	129	29924	20.839	ug/l	98
61) 1,2-Dibromoethane	11.087	107	23155	21.109	ug/l	99
64) Tetrachloroethene	10.721	164	28976	17.723	ug/l	95
65) Chlorobenzene	11.514	112	92730	19.477	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	29027	19.272	ug/l	98
67) Ethyl Benzene	11.587	91	166603	19.926	ug/l	97
68) m/p-Xylenes	11.703	106	124178	38.599	ug/l	97
69) o-Xylene	12.026	106	60278	19.854	ug/l	98
70) Styrene	12.038	104	103054	20.534	ug/l	99
71) Bromoform	12.203	173	15549	19.518	ug/l #	98
73) Isopropylbenzene	12.325	105	160165	19.304	ug/l	100
74) N-amyl acetate	12.142	43	40280	20.808	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	28593	20.225	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	36000	37.943	ug/l #	100
77) Bromobenzene	12.605	156	33922	18.667	ug/l	93
78) n-propylbenzene	12.672	91	195354	19.664	ug/l	97
79) 2-Chlorotoluene	12.758	91	105130	19.546	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	126542	19.408	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	8875	19.246	ug/l	89
82) 4-Chlorotoluene	12.855	91	106322	19.496	ug/l	100
83) tert-Butylbenzene	13.075	119	114490	18.996	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	124848	19.470	ug/l	100
85) sec-Butylbenzene	13.252	105	172280	19.328	ug/l	99
86) p-Isopropyltoluene	13.367	119	139754	19.168	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	68710	19.201	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	68311	19.180	ug/l	97
89) n-Butylbenzene	13.697	91	133956	19.551	ug/l	98
90) Hexachloroethane	13.959	117	25902	19.238	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	61200	19.710	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4121	21.252	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	32447	18.346	ug/l	95
94) Hexachlorobutadiene	15.111	225	15942	17.613	ug/l	98
95) Naphthalene	15.233	128	63493	18.256	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	26611	17.697	ug/l	98

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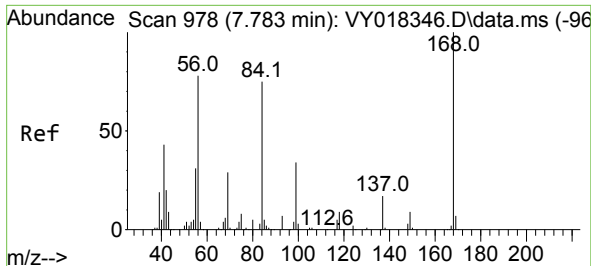
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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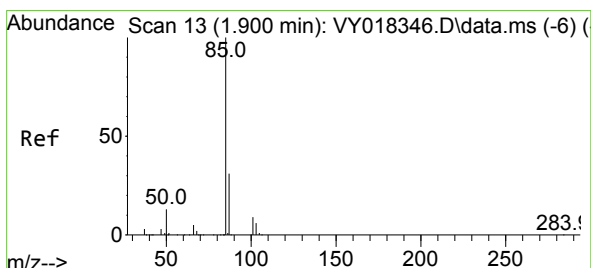
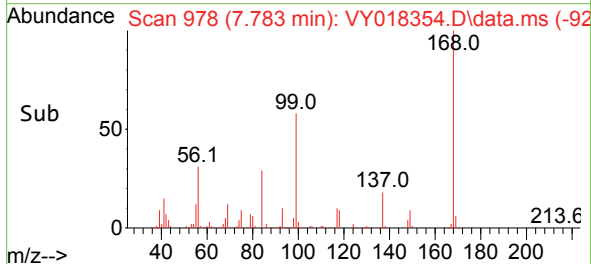
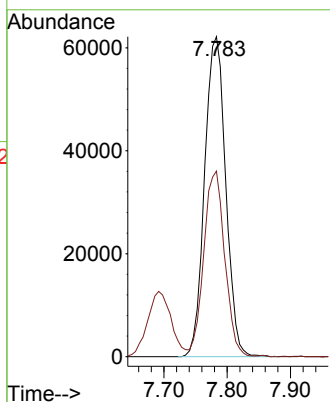
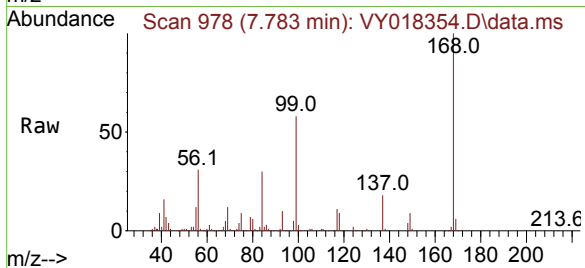




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018354.D
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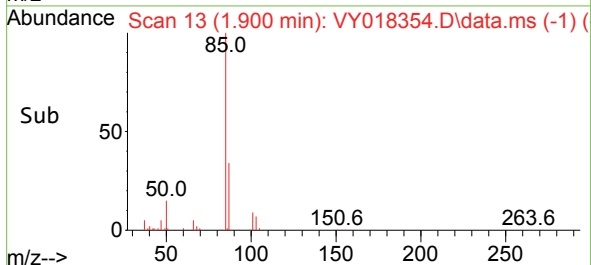
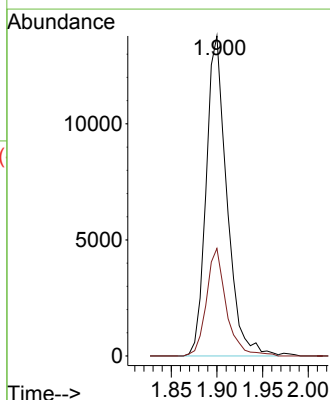
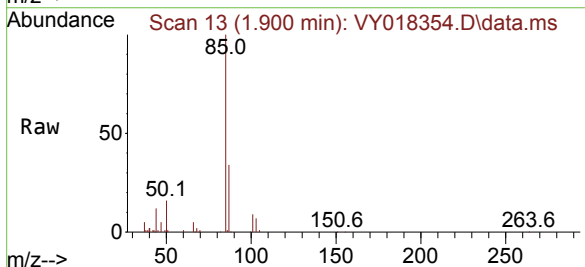
Instrument :
MSVOA_Y
ClientSampleId :

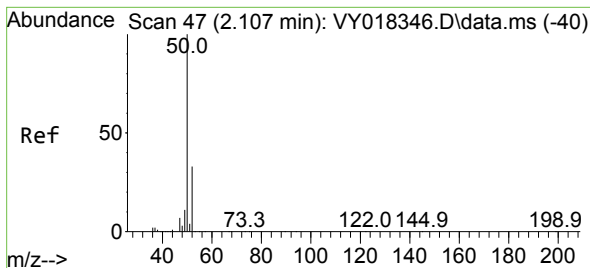
Tgt Ion:168 Resp: 143894
Ion Ratio Lower Upper
168 100
99 58.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 17.662 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 85 Resp: 21692
Ion Ratio Lower Upper
85 100
87 33.6 16.0 48.0

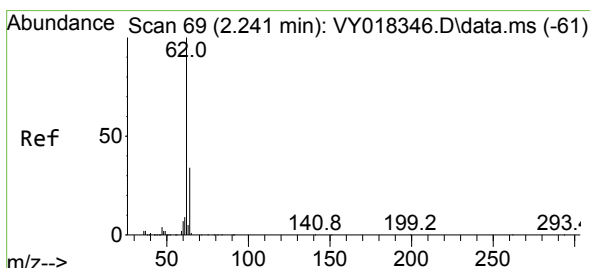
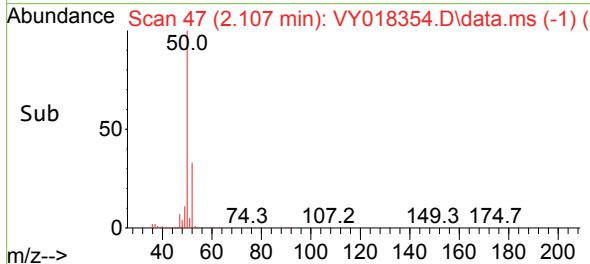
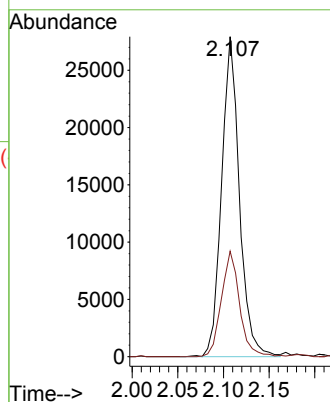
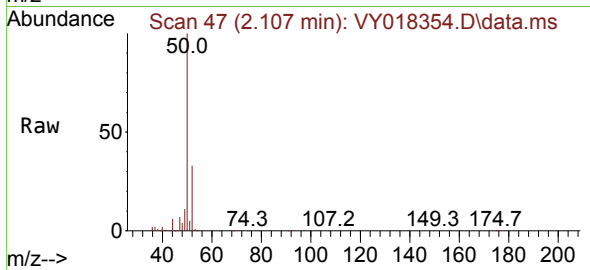




#3
Chloromethane
Concen: 19.011 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

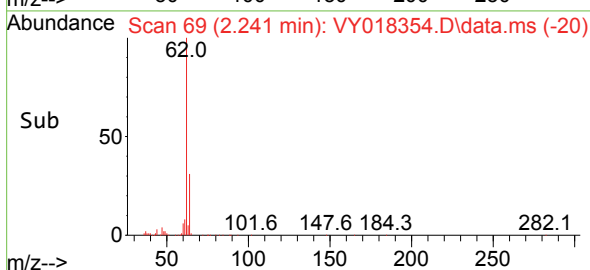
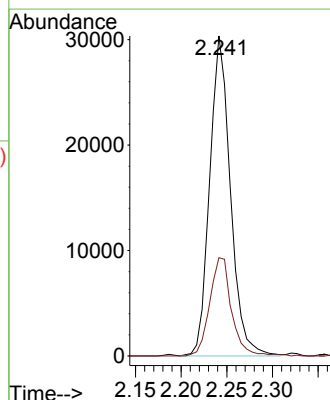
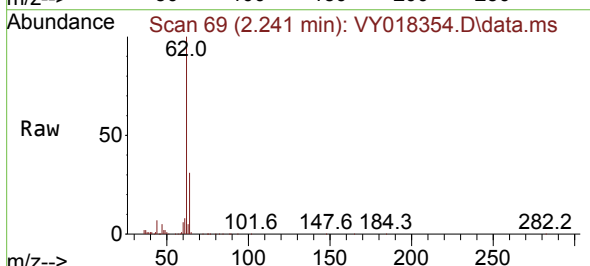
Instrument :
MSVOA_Y
ClientSampleId :

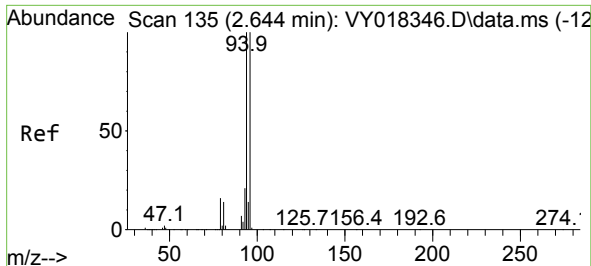
Tgt Ion: 50 Resp: 37944
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 21.437 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 62 Resp: 47865
Ion Ratio Lower Upper
62 100
64 30.7 26.1 39.1

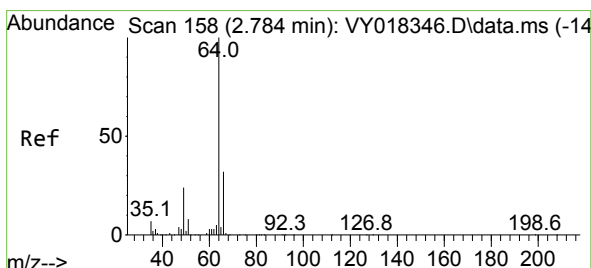
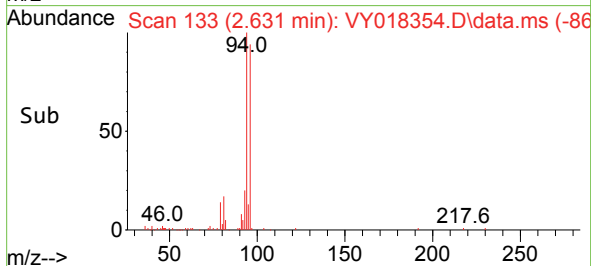
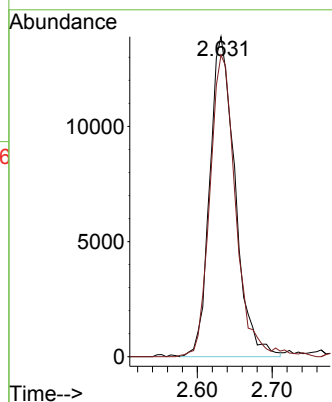
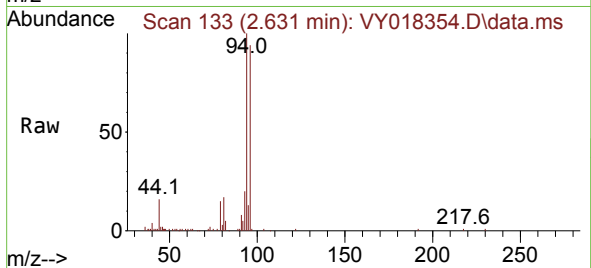




#5
Bromomethane
Concen: 20.463 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

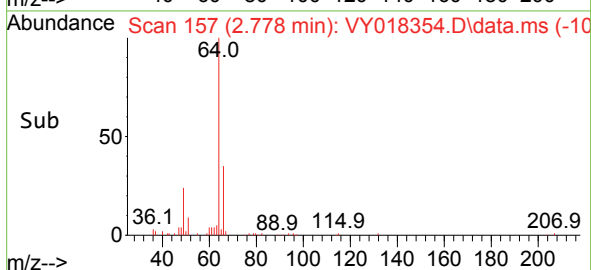
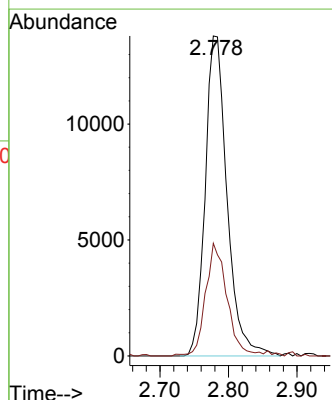
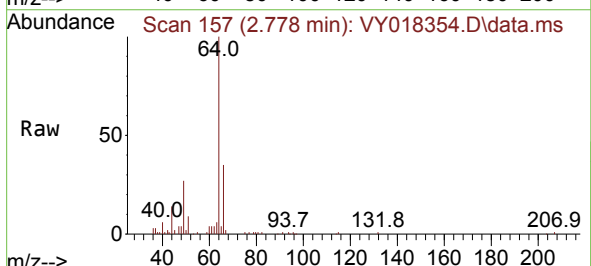
Instrument :
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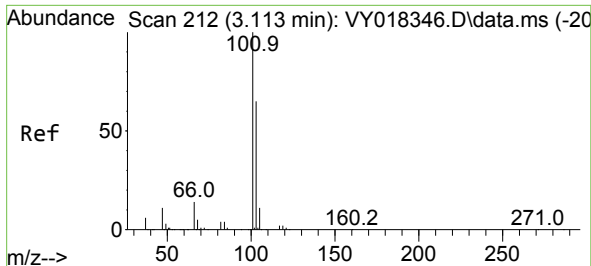
Tgt Ion: 94 Resp: 32666
Ion Ratio Lower Upper
94 100
96 93.9 74.1 111.1



#6
Chloroethane
Concen: 21.078 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY018354.D
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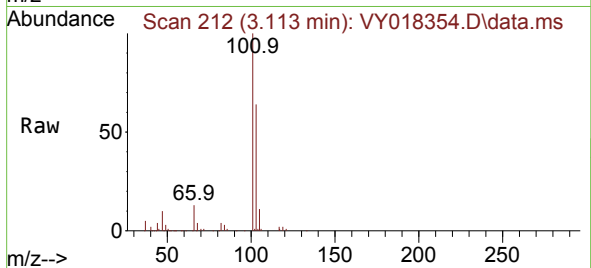
Tgt Ion: 64 Resp: 30551
Ion Ratio Lower Upper
64 100
66 34.7 26.1 39.1



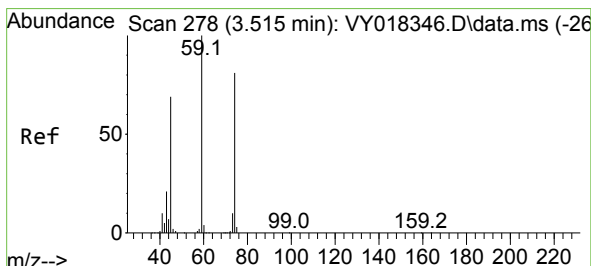
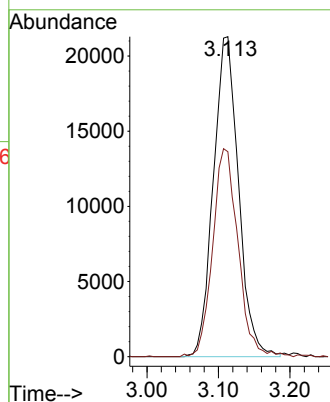
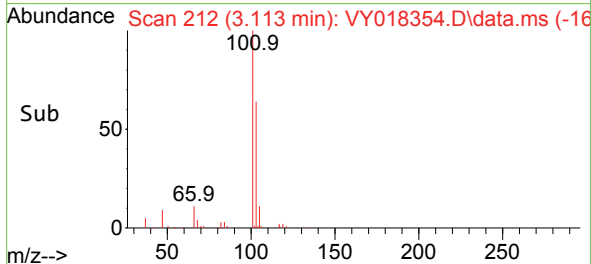


#7
Trichlorofluoromethane
Concen: 20.773 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY018354.D
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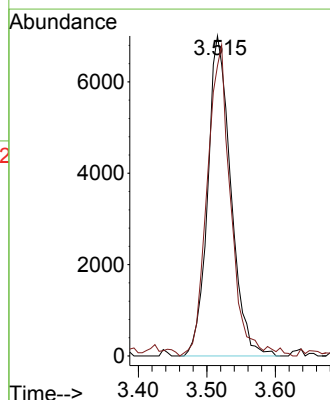
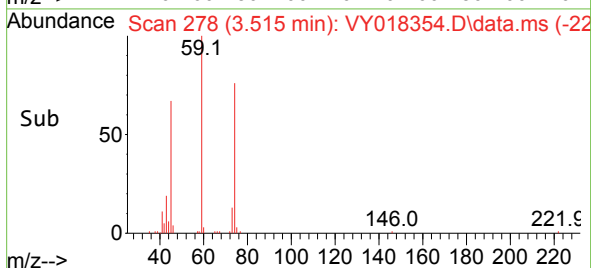
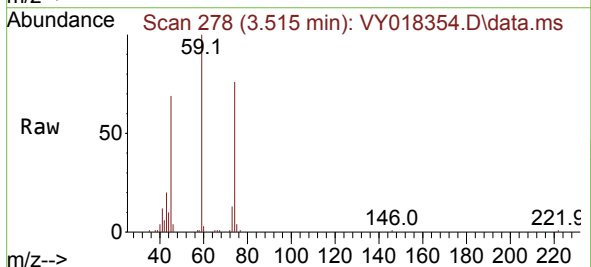


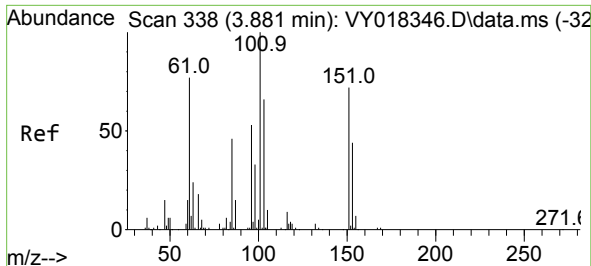
Tgt Ion:101 Resp: 52051
Ion Ratio Lower Upper
101 100
103 64.0 49.3 73.9



#8
Diethyl Ether
Concen: 20.626 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 74 Resp: 16503
Ion Ratio Lower Upper
74 100
45 96.6 41.3 124.1

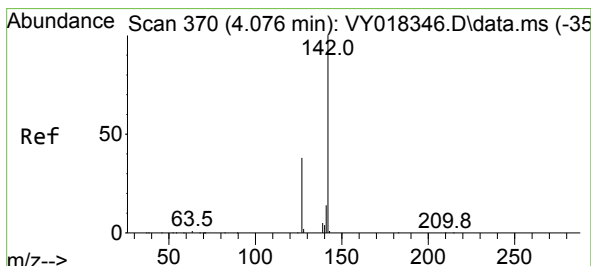
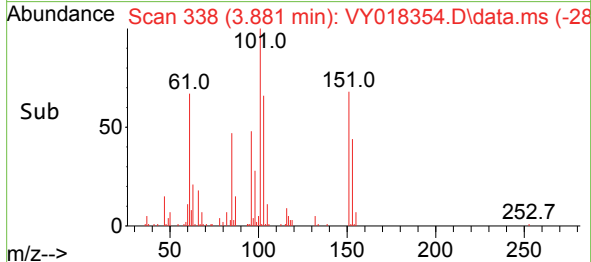
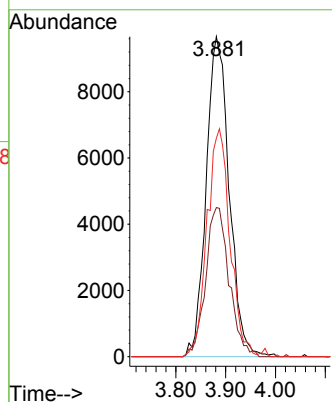
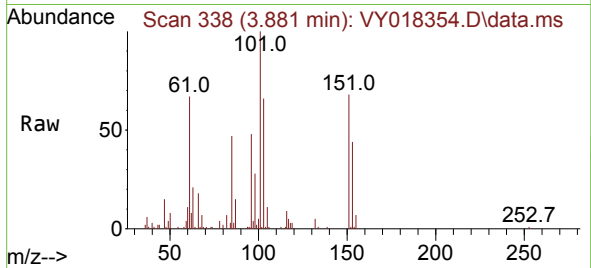




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.055 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018354.D
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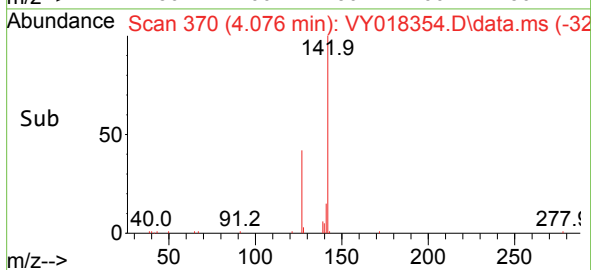
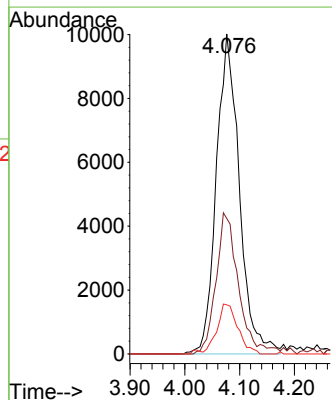
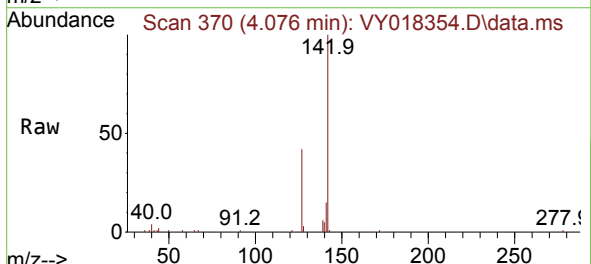
Instrument :
MSVOA_Y
ClientSampleId :

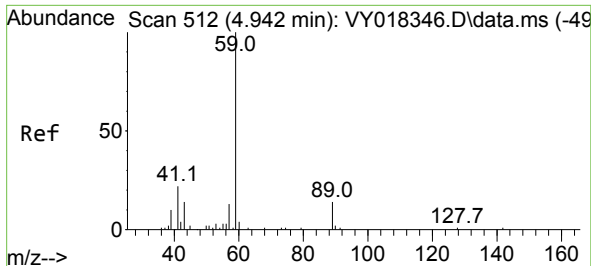
Tgt Ion:101 Resp: 31002
Ion Ratio Lower Upper
101 100
85 47.6 34.5 51.7
151 70.8 61.7 92.5



#10
Methyl Iodide
Concen: 18.780 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion:142 Resp: 29196
Ion Ratio Lower Upper
142 100
127 43.1 32.8 49.2
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 107.700 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

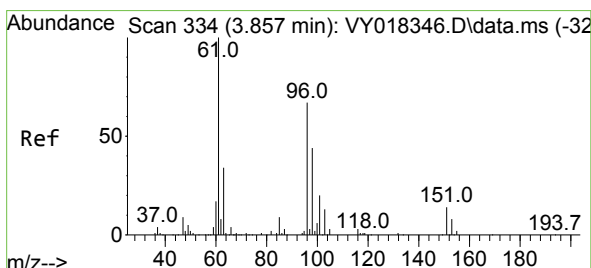
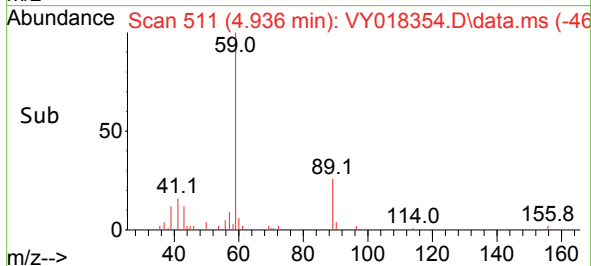
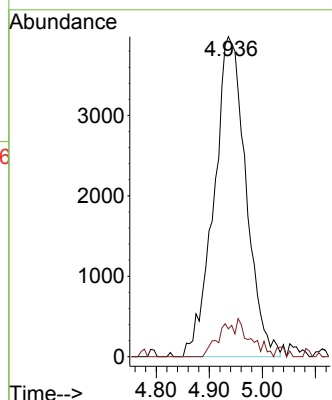
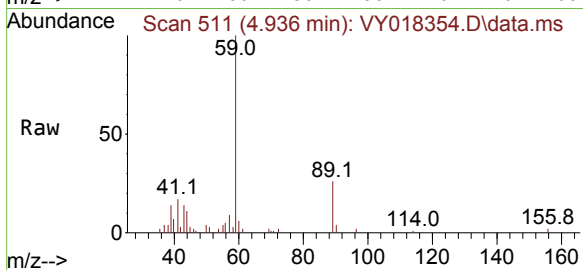
ClientSampleId :

Tgt Ion: 59 Resp: 16651

Ion Ratio Lower Upper

59 100

57 5.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.736 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.006 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

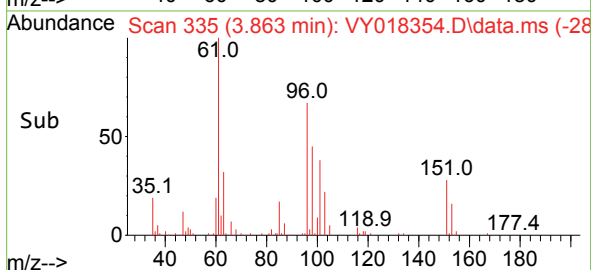
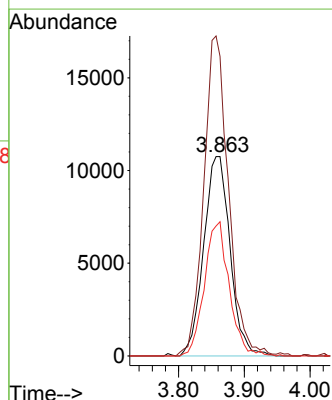
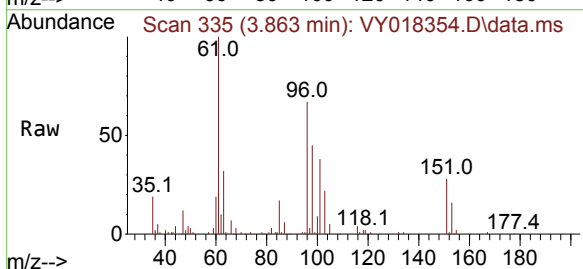
Tgt Ion: 96 Resp: 30049

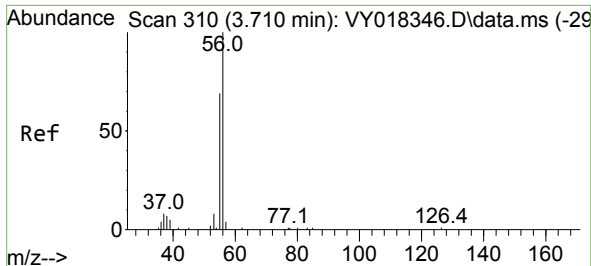
Ion Ratio Lower Upper

96 100

61 148.6 114.6 171.8

98 67.4 50.8 76.2





#13

Acrolein

Concen: 106.596 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

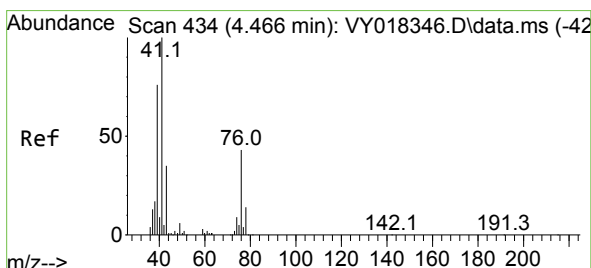
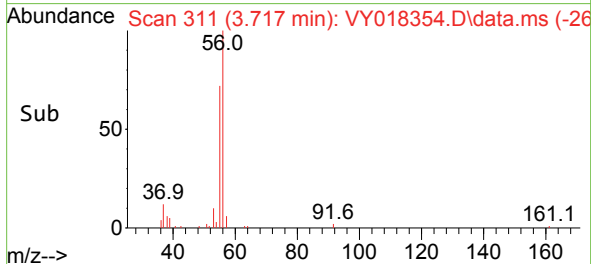
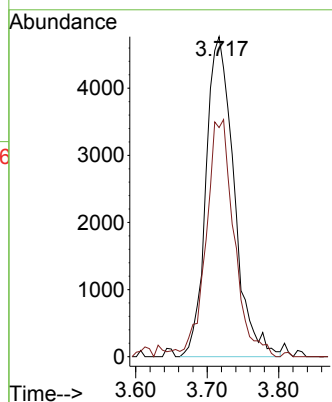
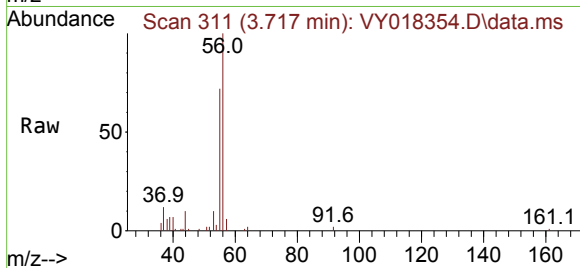
ClientSampleId :

Tgt Ion: 56 Resp: 12977

Ion Ratio Lower Upper

56 100

55 73.6 55.7 83.5



#14

Allyl chloride

Concen: 20.864 ug/l

RT: 4.467 min Scan# 434

Delta R.T. 0.001 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

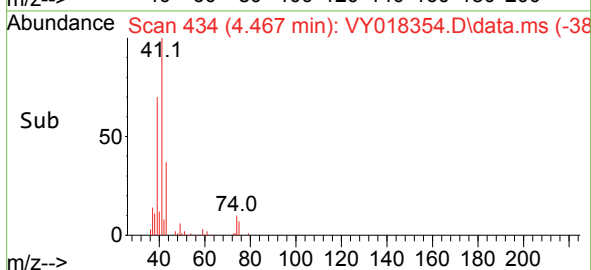
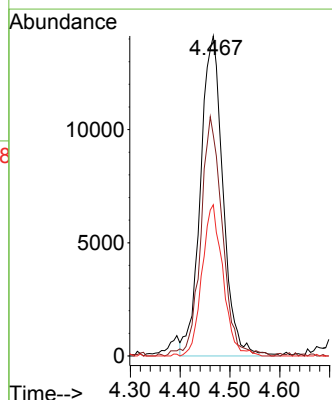
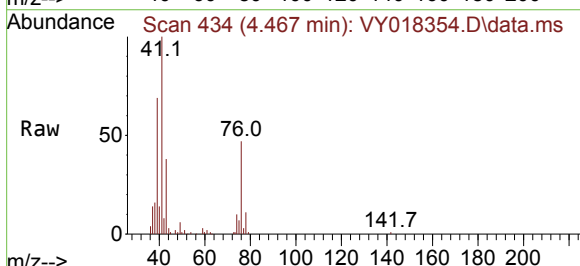
Tgt Ion: 41 Resp: 44365

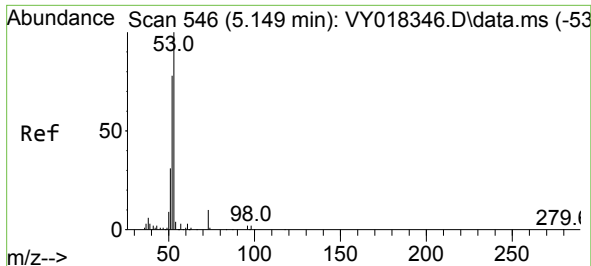
Ion Ratio Lower Upper

41 100

39 71.3 58.3 87.5

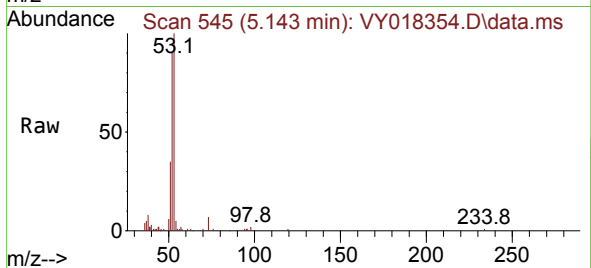
76 44.0 39.0 58.6



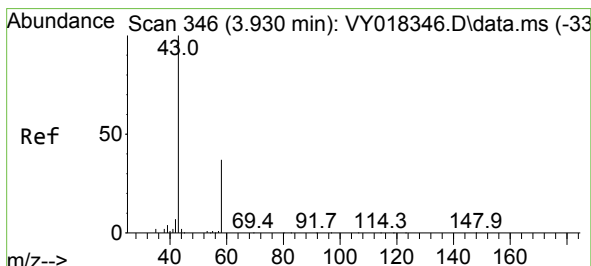
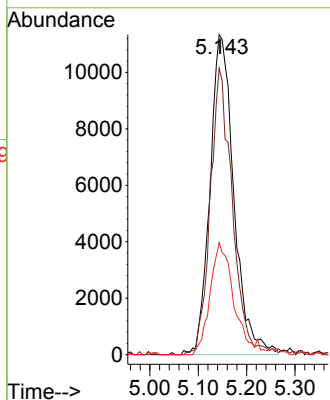
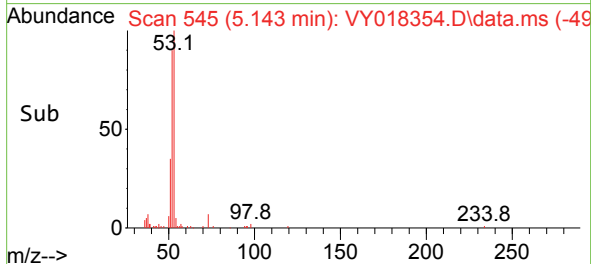


#15
Acrylonitrile
Concen: 112.447 ug/l
RT: 5.143 min Scan# 546
Delta R.T. -0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :

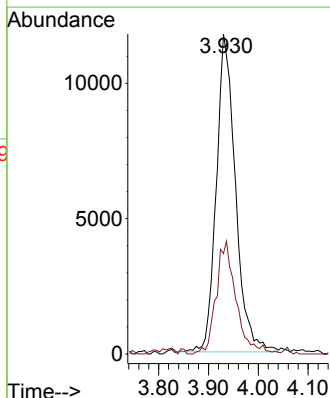
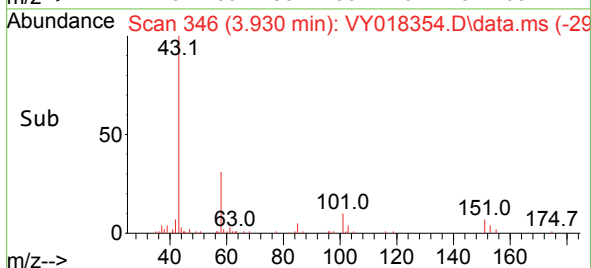
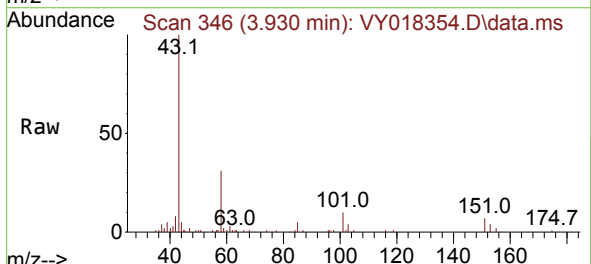


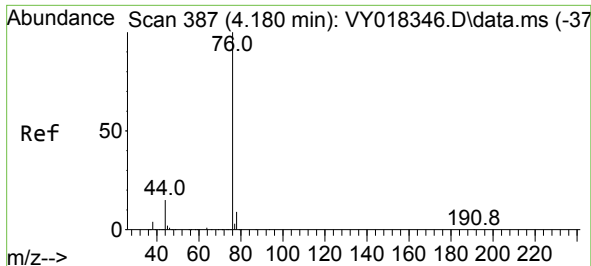
Tgt Ion: 53 Resp: 38914
Ion Ratio Lower Upper
53 100
52 82.7 64.7 97.1
51 35.2 28.4 42.6



#16
Acetone
Concen: 111.864 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 43 Resp: 31366
Ion Ratio Lower Upper
43 100
58 31.6 31.7 47.5#

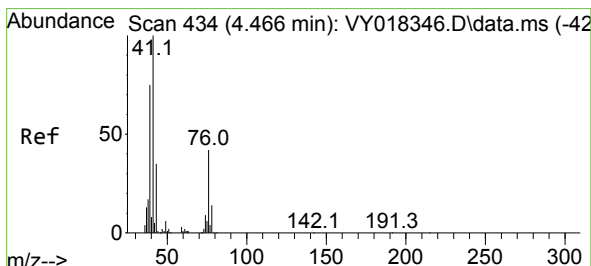
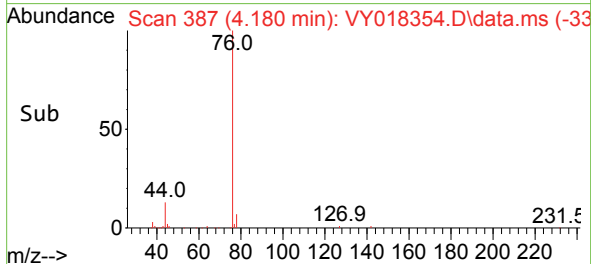
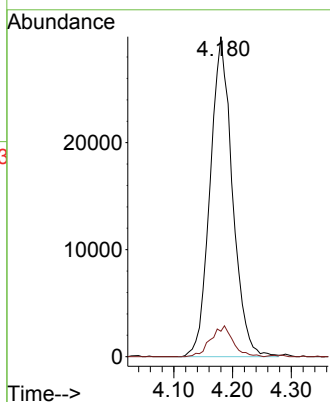
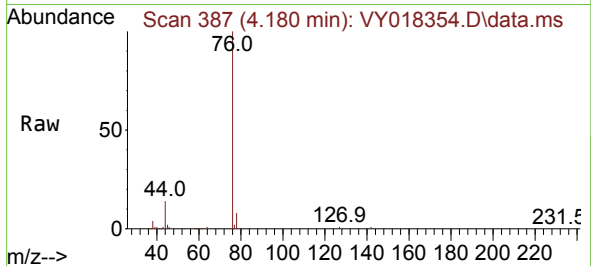




#17
Carbon Disulfide
Concen: 18.581 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

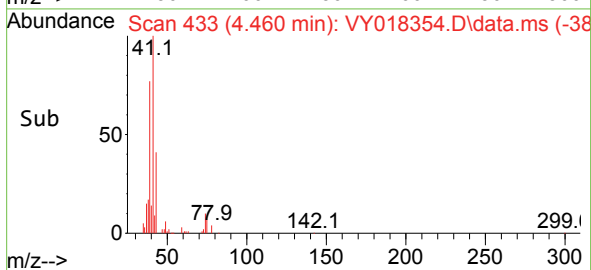
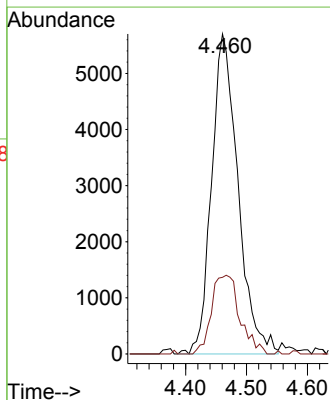
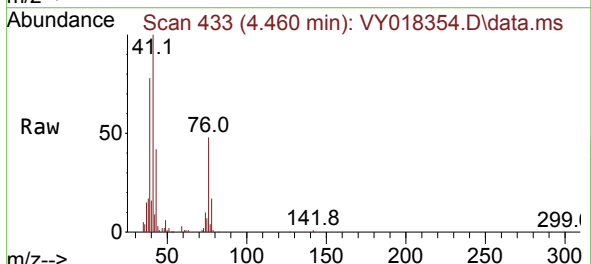
Instrument :
MSVOA_Y
ClientSampleId :

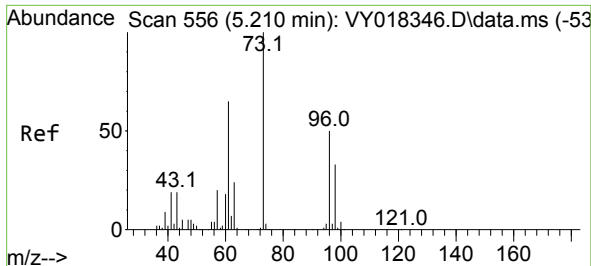
Tgt Ion: 76 Resp: 79001
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 23.049 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 43 Resp: 17130
Ion Ratio Lower Upper
43 100
74 26.4 23.3 34.9

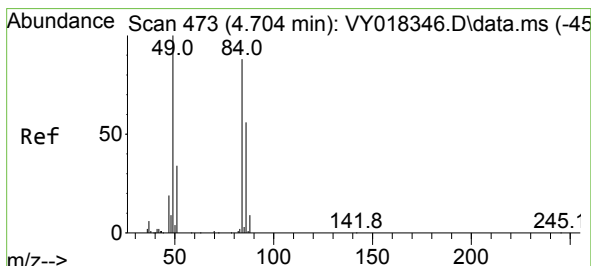
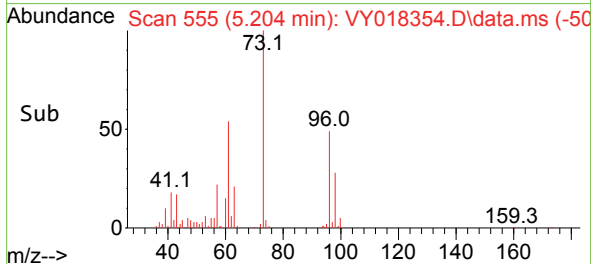
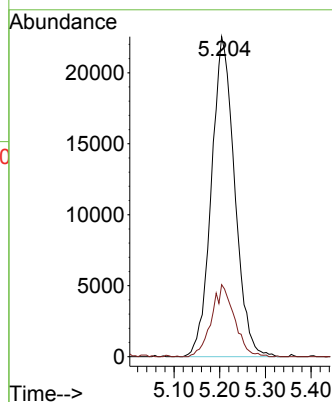
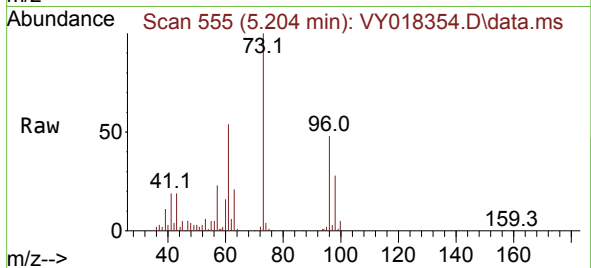




#19
Methyl tert-butyl Ether
Concen: 21.849 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

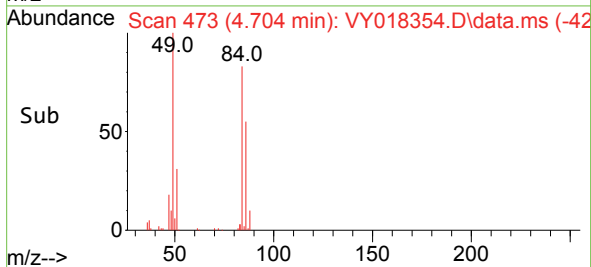
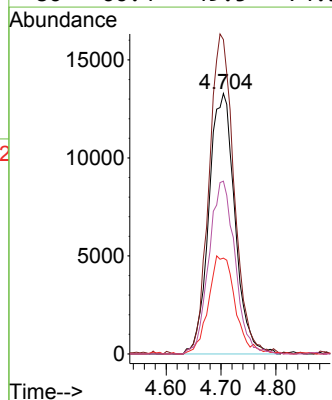
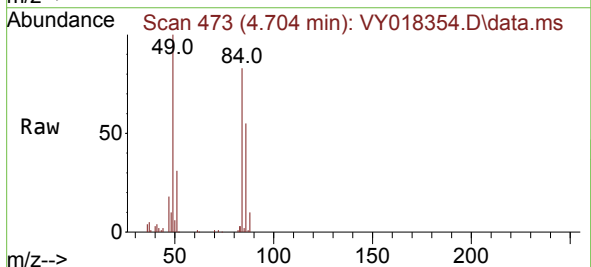
Instrument :
MSVOA_Y
ClientSampleId :

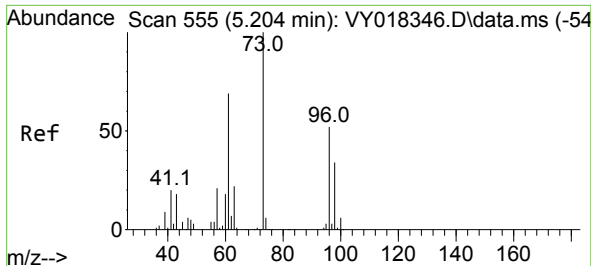
Tgt Ion: 73 Resp: 79766
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 24.610 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 84 Resp: 43700
Ion Ratio Lower Upper
84 100
49 120.6 84.4 126.6
51 36.8 26.0 39.0
86 66.4 49.5 74.3

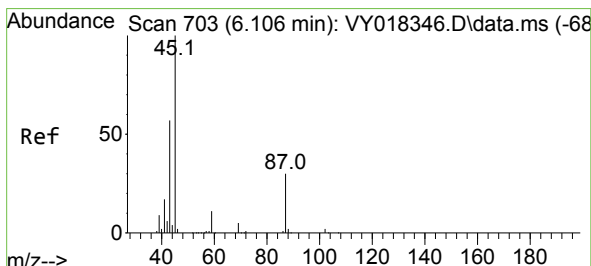
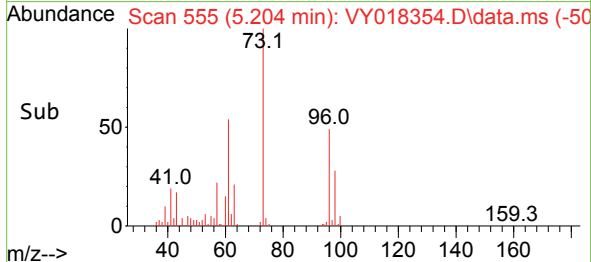
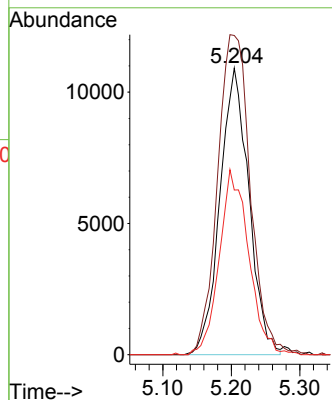
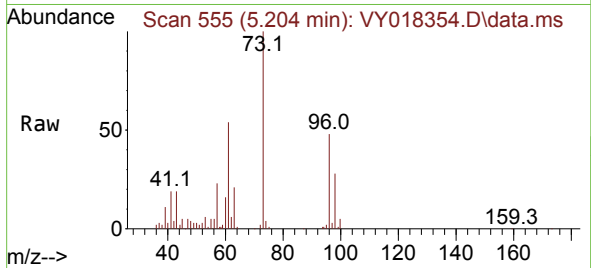




#21
trans-1,2-Dichloroethene
Concen: 19.973 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

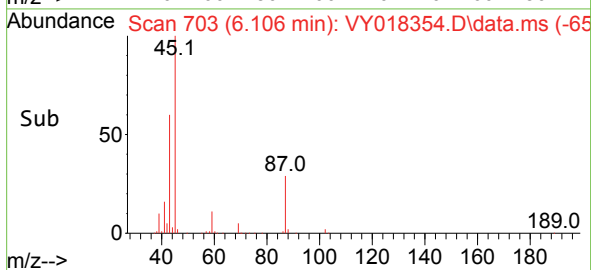
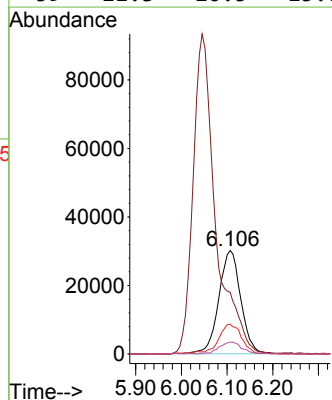
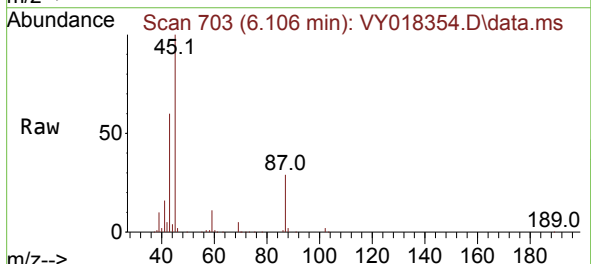
Instrument :
MSVOA_Y
ClientSampleId :

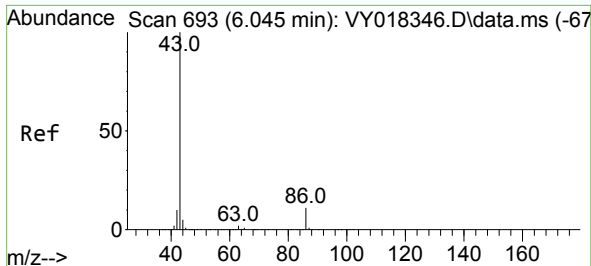
Tgt Ion: 96 Resp: 32079
Ion Ratio Lower Upper
96 100
61 111.4 97.5 146.3
98 57.5 50.5 75.7



#22
Diisopropyl ether
Concen: 22.744 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 45 Resp: 100503
Ion Ratio Lower Upper
45 100
43 59.1 42.2 63.2
87 28.8 25.0 37.6
59 11.3 10.5 15.7

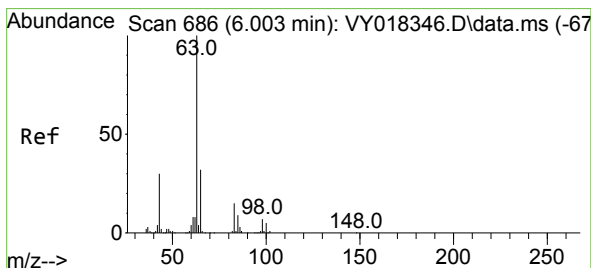
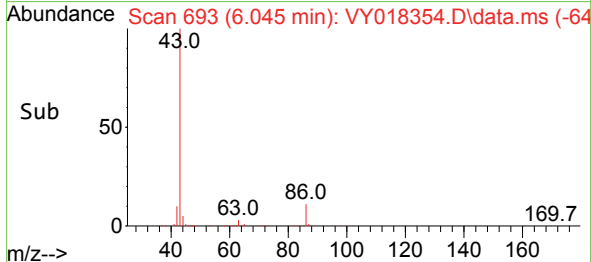
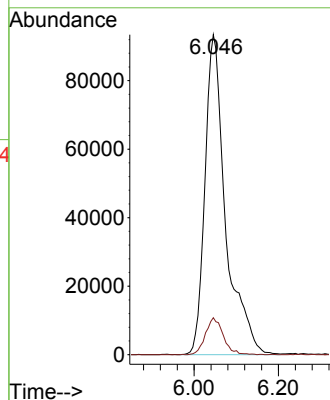
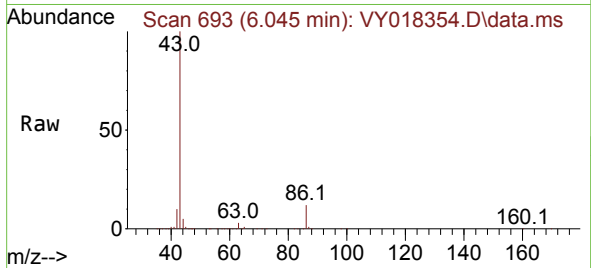




#23
 Vinyl Acetate
 Concen: 112.641 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018354.D
 Acq: 23 May 2024 11:26

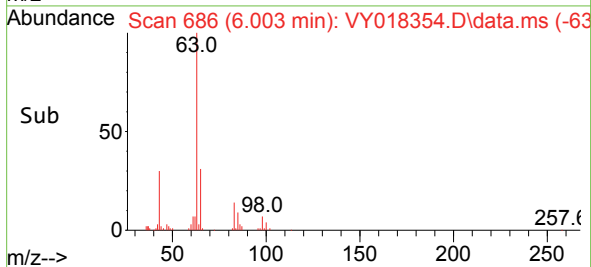
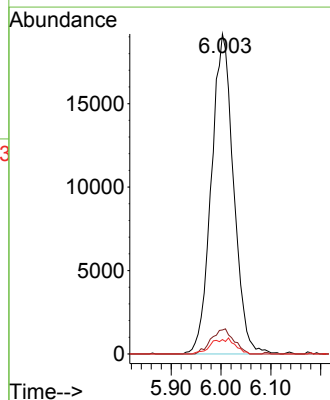
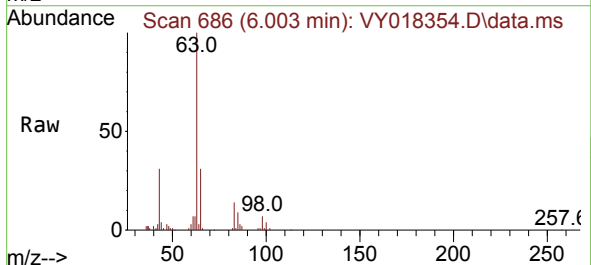
Instrument :
 MSVOA_Y
 ClientSampleId :

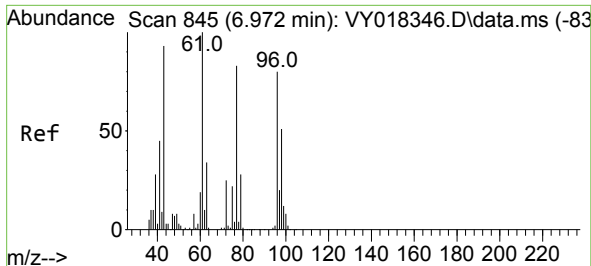
Tgt Ion: 43 Resp: 318713
 Ion Ratio Lower Upper
 43 100
 86 11.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.917 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018354.D
 Acq: 23 May 2024 11:26

Tgt Ion: 63 Resp: 59394
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 115.104 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

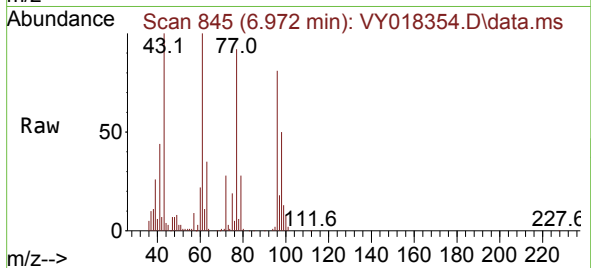
Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

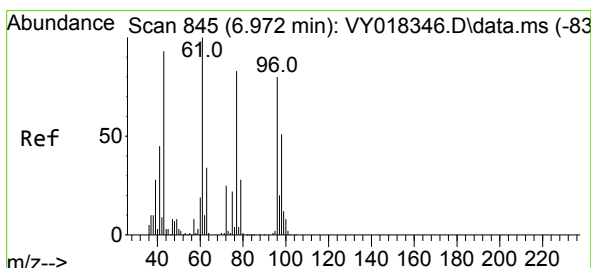
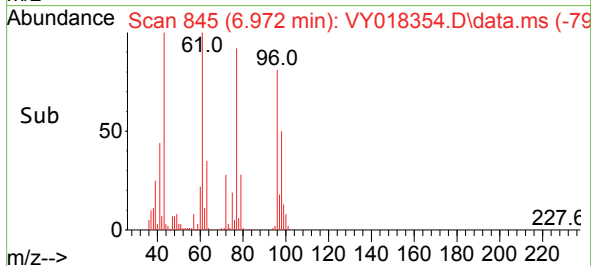
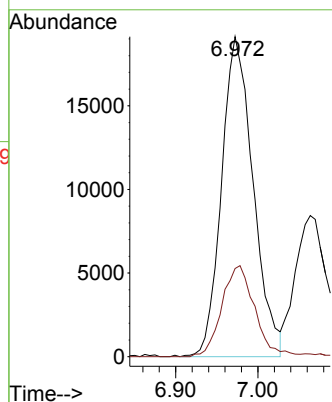


Tgt Ion: 43 Resp: 51145

Ion Ratio Lower Upper

43 100

72 27.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.549 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018354.D

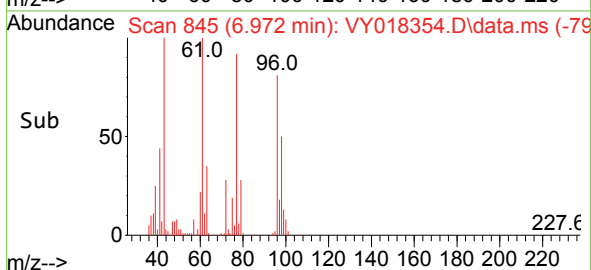
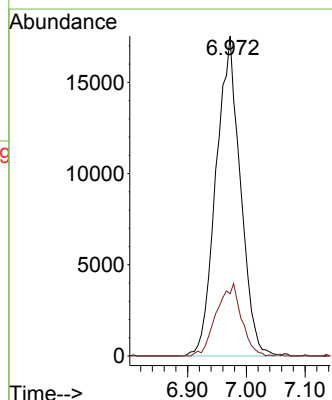
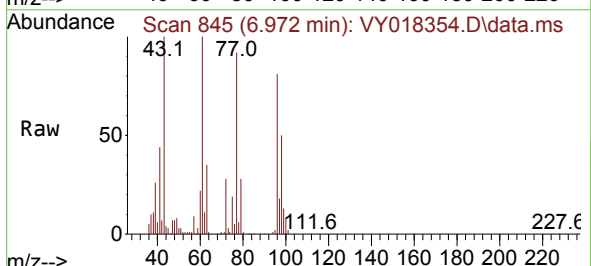
Acq: 23 May 2024 11:26

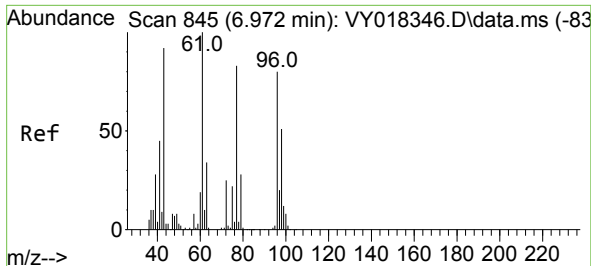
Tgt Ion: 77 Resp: 50482

Ion Ratio Lower Upper

77 100

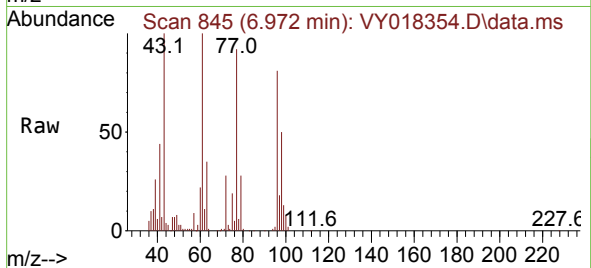
97 23.3 12.0 36.1



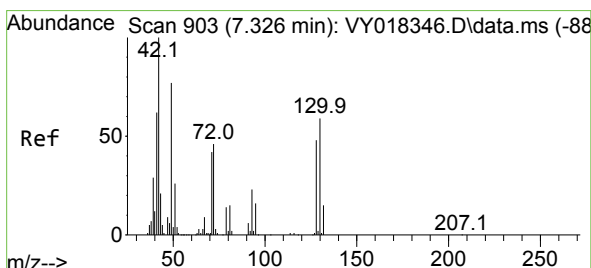
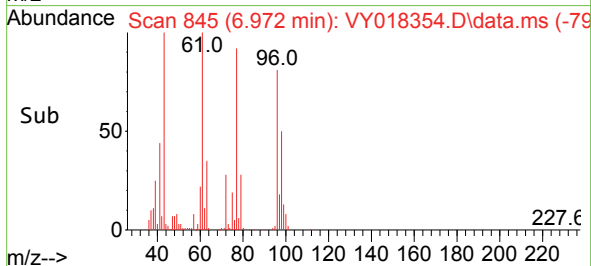
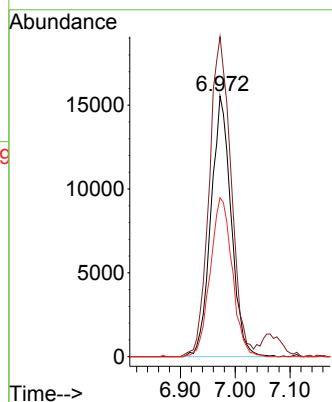


#27
 cis-1,2-Dichloroethene
 Concen: 21.069 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY018354.D
 Acq: 23 May 2024 11:26

Instrument :
 MSVOA_Y
 ClientSampleId :

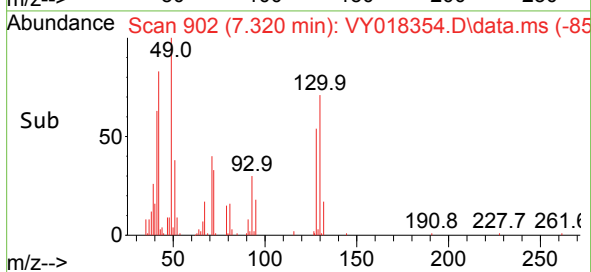
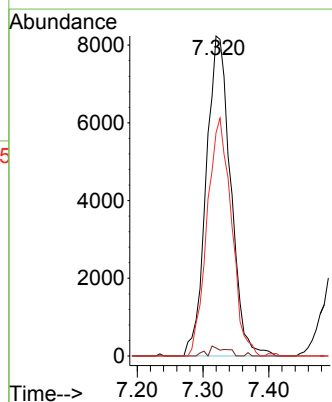
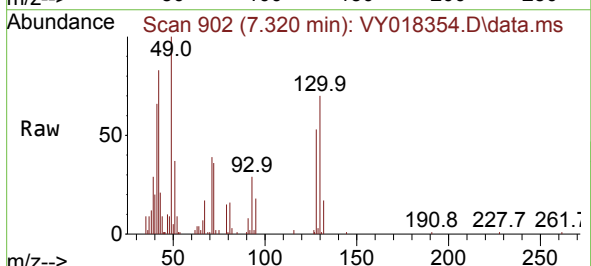


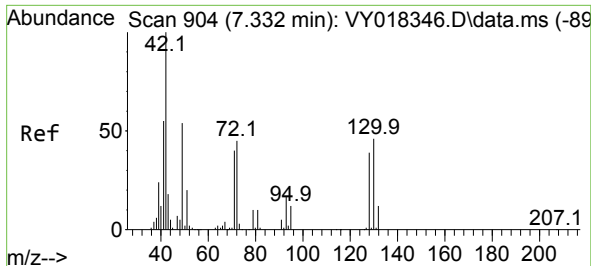
Tgt Ion: 96 Resp: 39765
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 256.2
 98 66.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 23.152 ug/l
 RT: 7.320 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: VY018354.D
 Acq: 23 May 2024 11:26

Tgt Ion: 49 Resp: 21309
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 73.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 114.126 ug/l

RT: 7.338 min Scan# 904

Delta R.T. 0.006 min

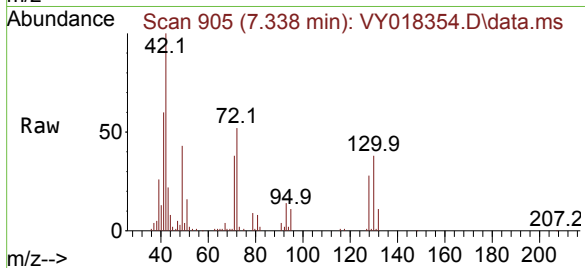
Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :



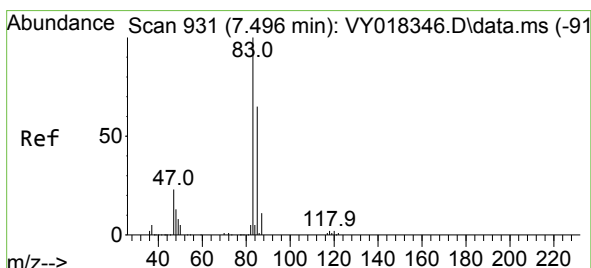
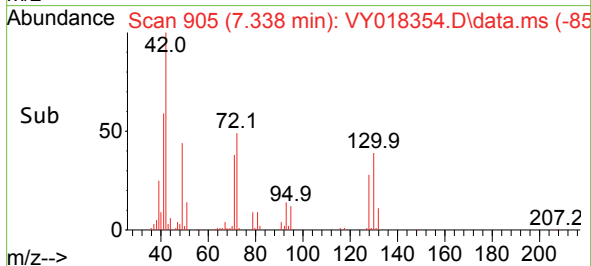
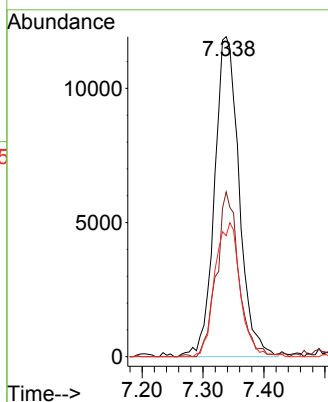
Tgt Ion: 42 Resp: 33378

Ion Ratio Lower Upper

42 100

72 46.6 43.0 64.4

71 43.1 40.8 61.2



#30

Chloroform

Concen: 21.402 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018354.D

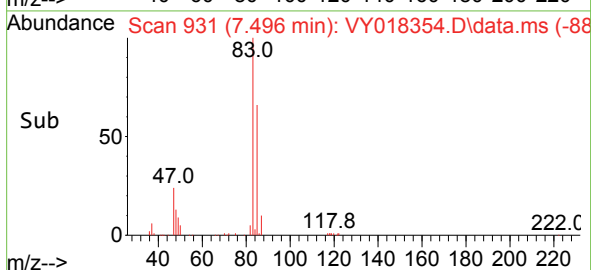
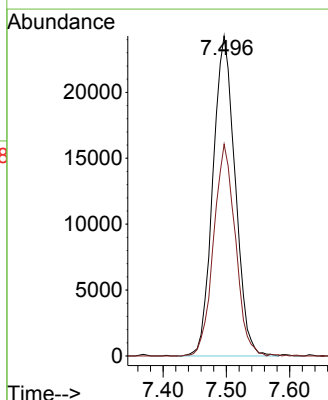
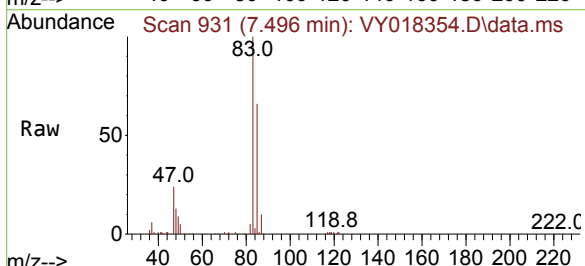
Acq: 23 May 2024 11:26

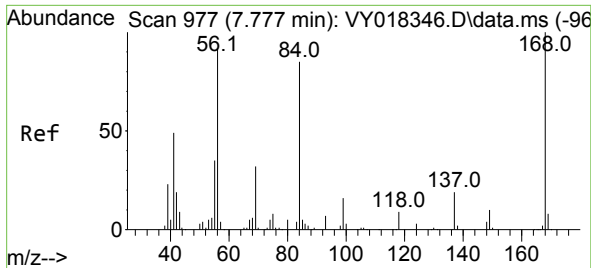
Tgt Ion: 83 Resp: 59117

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

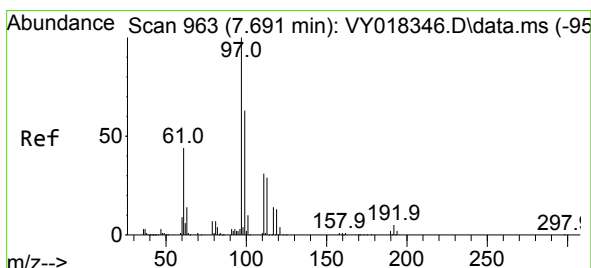
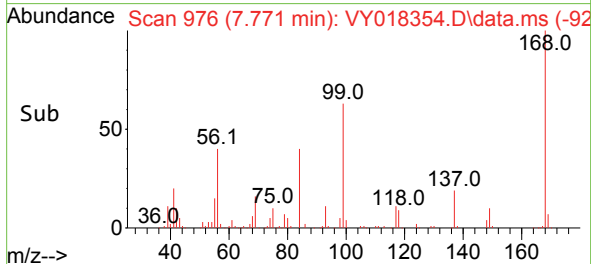
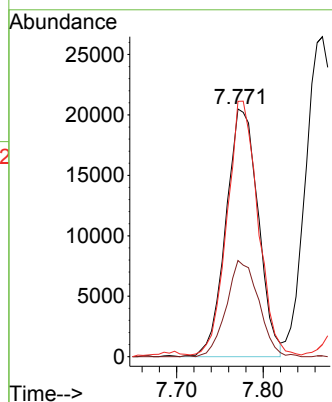
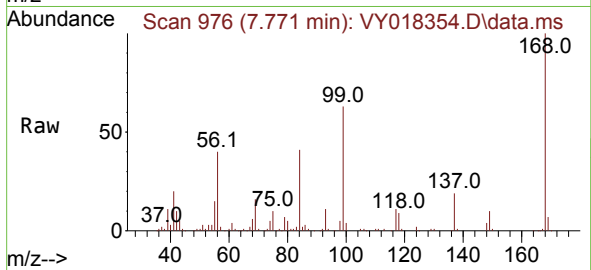




#31
Cyclohexane
Concen: 20.635 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

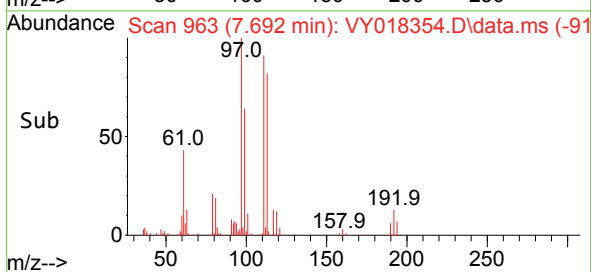
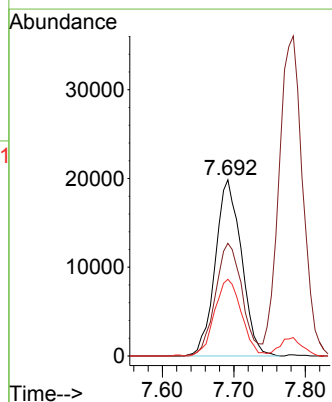
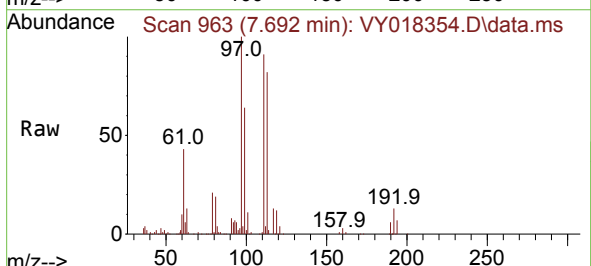
Instrument :
MSVOA_Y
ClientSampleId :

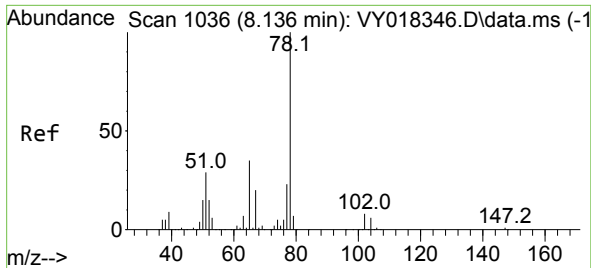
Tgt Ion: 56 Resp: 53079
Ion Ratio Lower Upper
56 100
69 38.8 28.7 43.1
84 102.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.799 ug/l
RT: 7.692 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 97 Resp: 50426
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 44.9 32.6 48.8

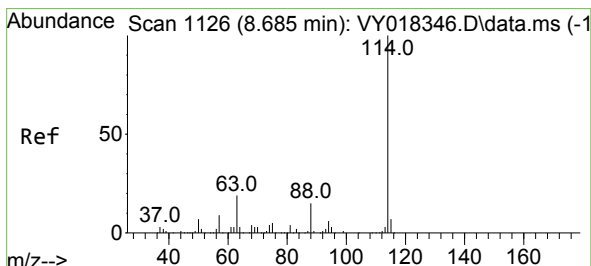
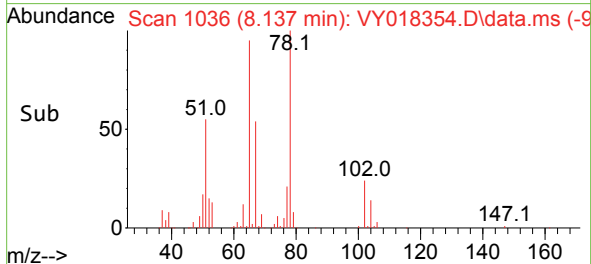
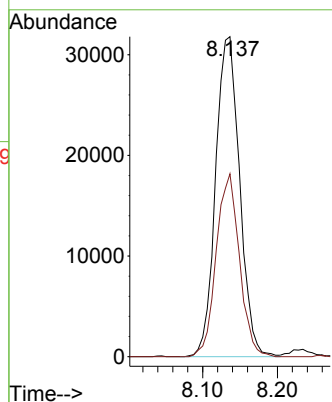
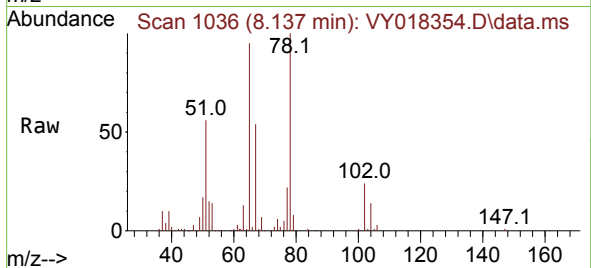




#33
 1,2-Dichloroethane-d4
 Concen: 52.223 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018354.D
 Acq: 23 May 2024 11:26

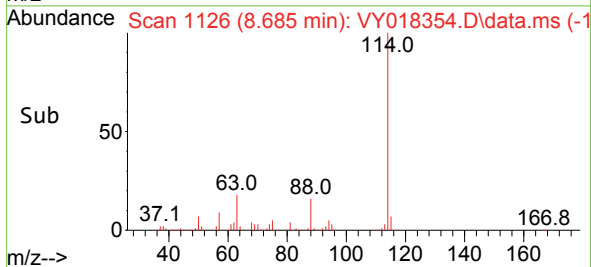
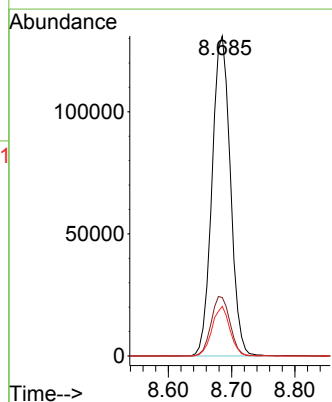
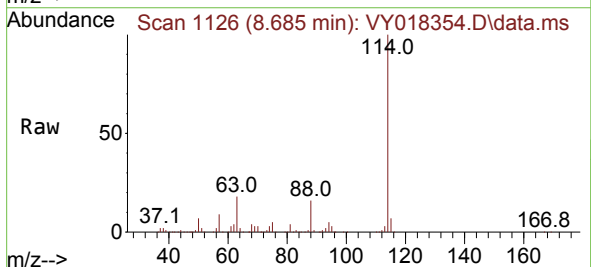
Instrument :
 MSVOA_Y
 ClientSampleId :

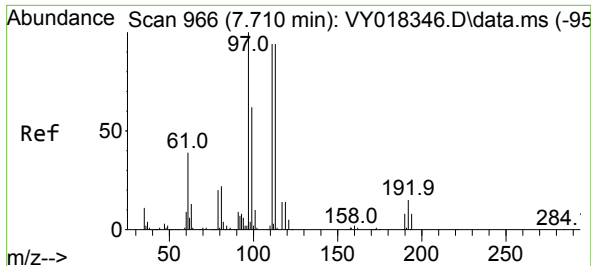
Tgt Ion: 65 Resp: 71194
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018354.D
 Acq: 23 May 2024 11:26

Tgt Ion: 114 Resp: 263739
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.0
 88 15.5 0.0 27.2

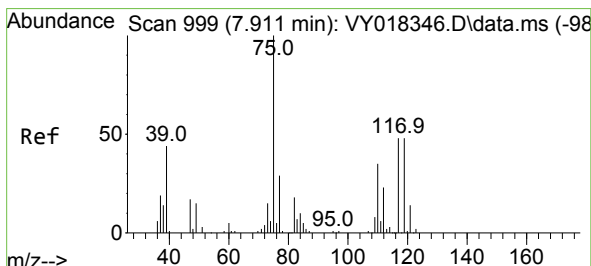
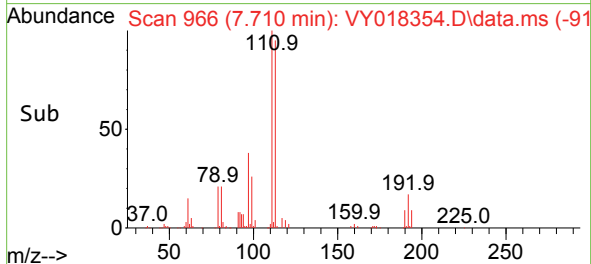
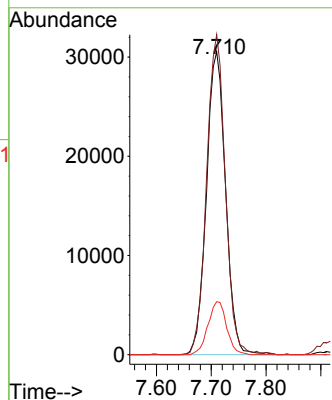
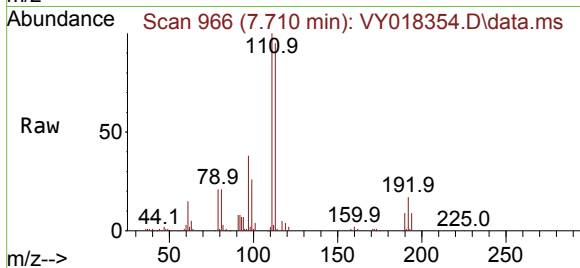




#35
Dibromofluoromethane
Concen: 48.016 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

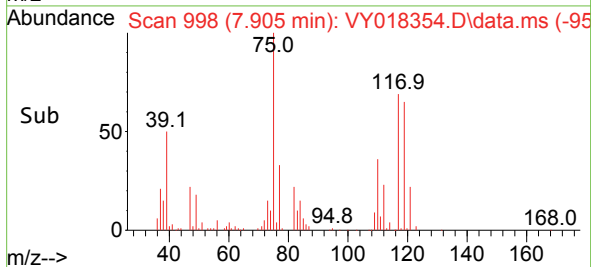
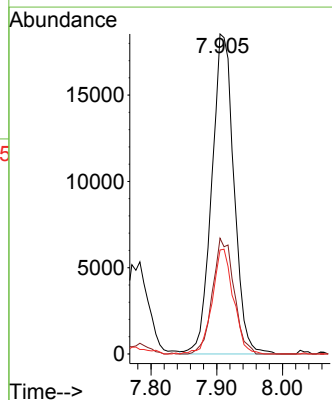
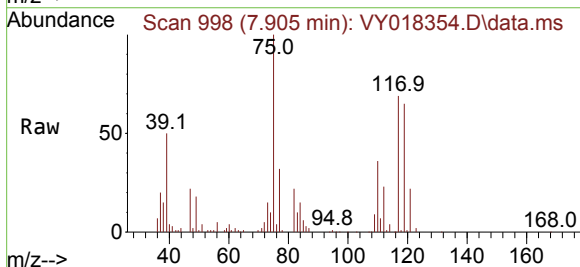
Instrument :
MSVOA_Y
ClientSampleId :

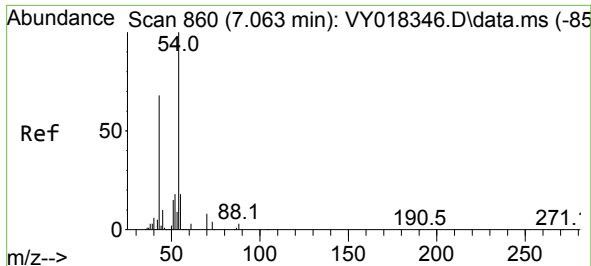
Tgt Ion:113 Resp: 73849
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.527 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 75 Resp: 43554
Ion Ratio Lower Upper
75 100
110 35.0 19.0 57.0
77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 22.640 ug/l

RT: 7.064 min Scan# 8

Delta R.T. 0.000 min

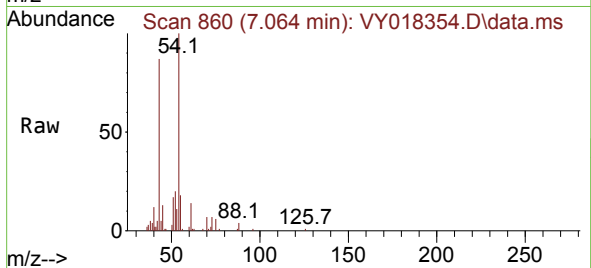
Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :



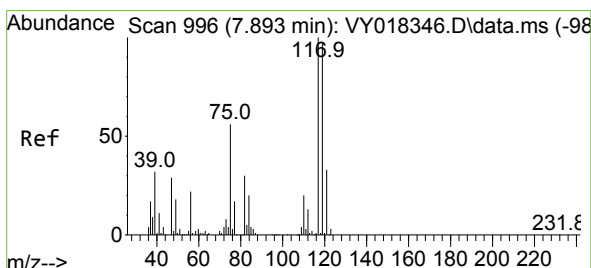
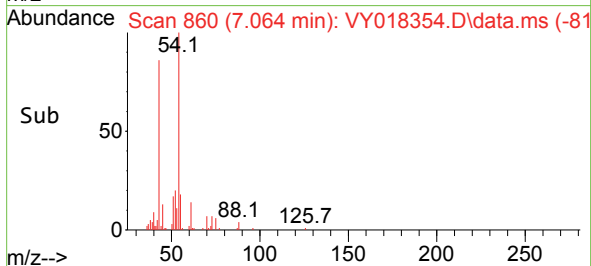
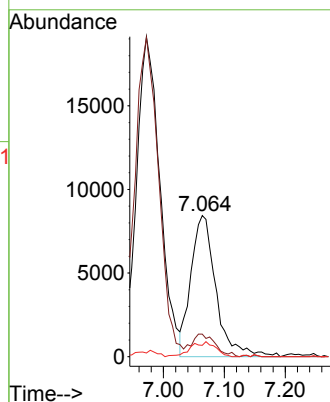
Tgt Ion: 43 Resp: 24156

Ion Ratio Lower Upper

43 100

61 15.2 12.6 19.0

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.790 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

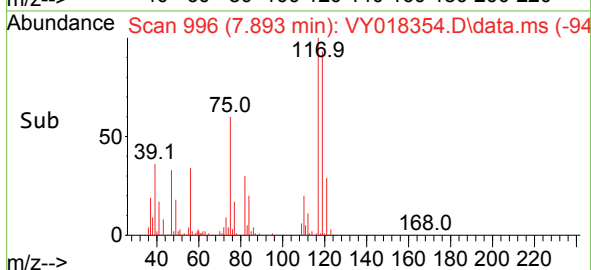
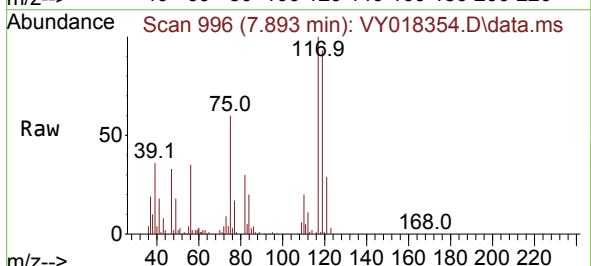
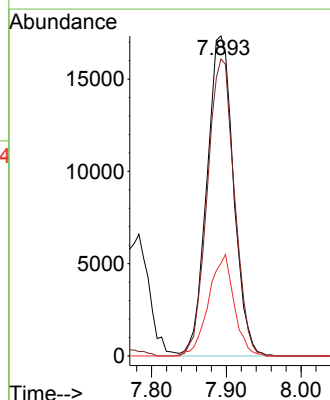
Tgt Ion: 117 Resp: 42924

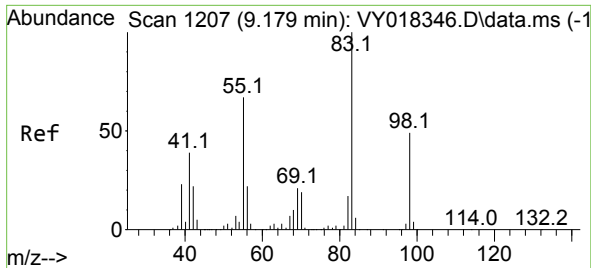
Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.6

121 29.0 24.0 36.0





#39

Methylcyclohexane

Concen: 18.945 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

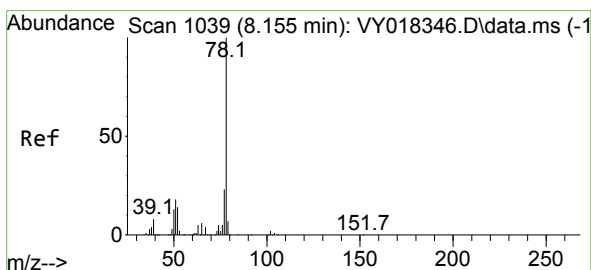
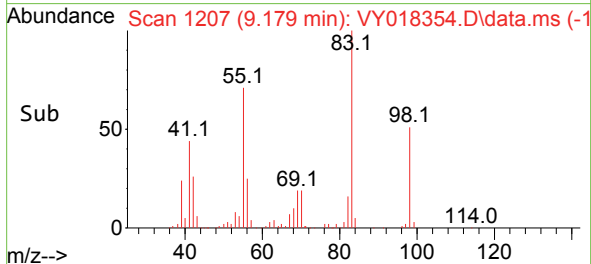
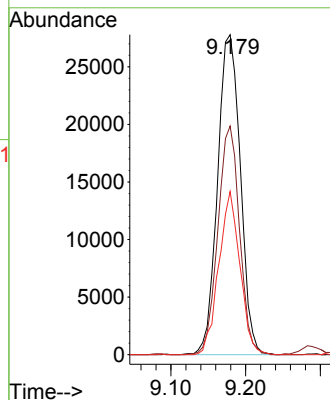
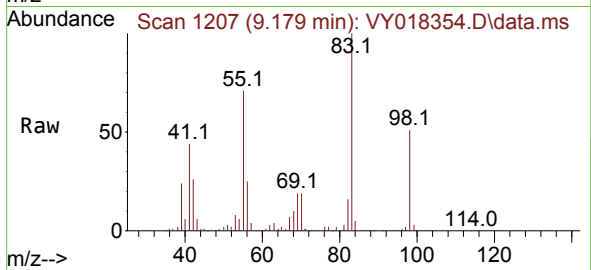
Tgt Ion: 83 Resp: 58946

Ion Ratio Lower Upper

83 100

55 71.5 51.5 77.3

98 51.0 40.5 60.7



#40

Benzene

Concen: 20.083 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018354.D

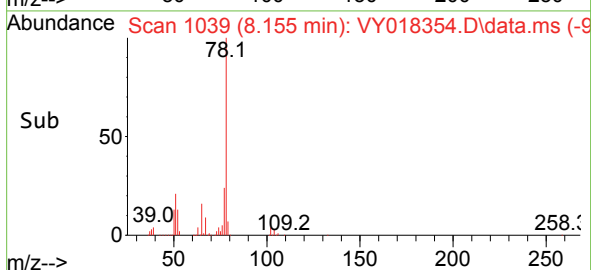
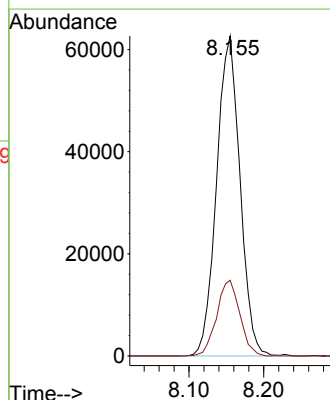
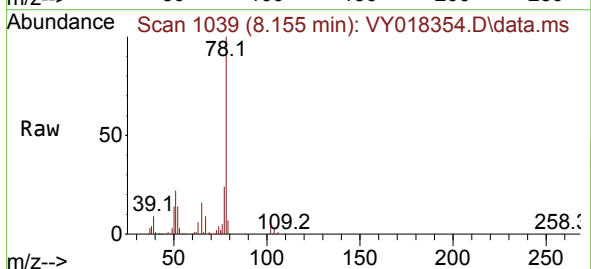
Acq: 23 May 2024 11:26

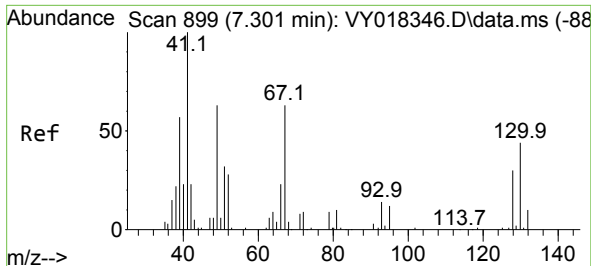
Tgt Ion: 78 Resp: 136553

Ion Ratio Lower Upper

78 100

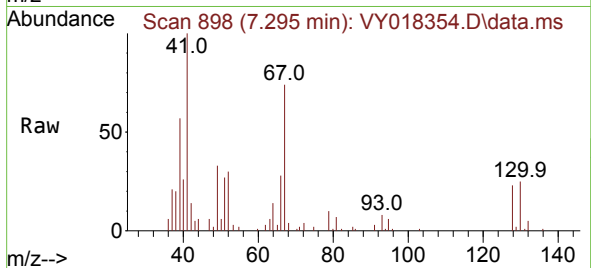
77 23.6 19.5 29.3



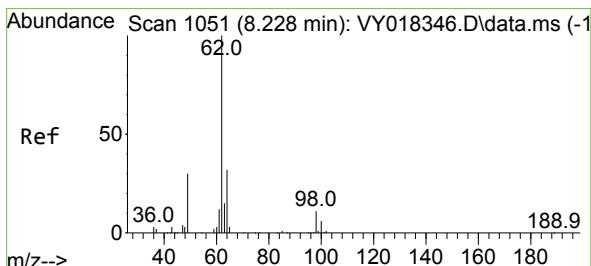
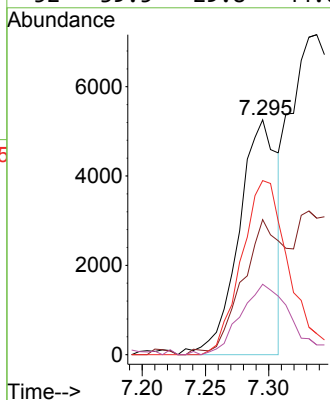
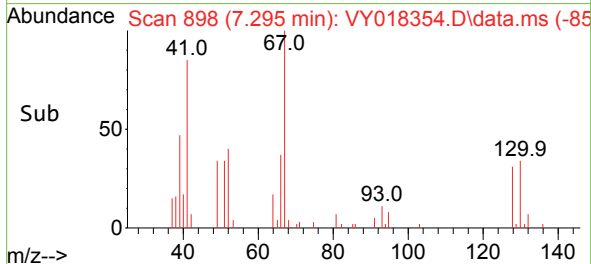


#41
Methacrylonitrile
Concen: 20.905 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :

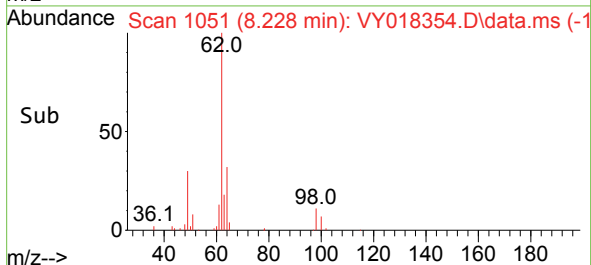
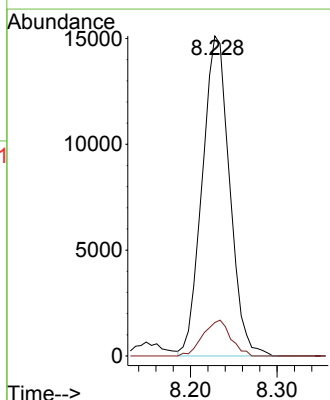
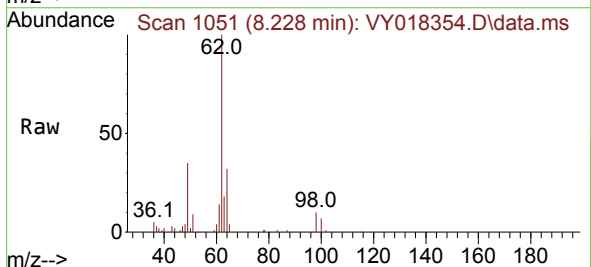


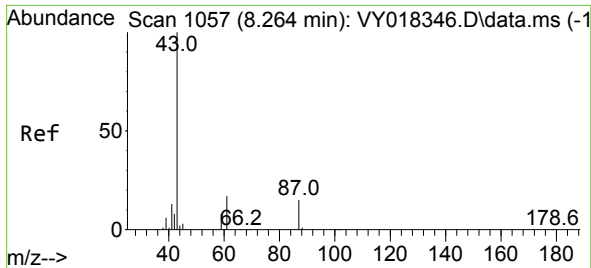
Tgt Ion:	41	Resp:	11134
Ion	Ratio	Lower	Upper
41	100		
39	68.8	48.0	72.0
67	90.7	75.1	112.7
52	39.5	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.320 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion:	62	Resp:	33234
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0

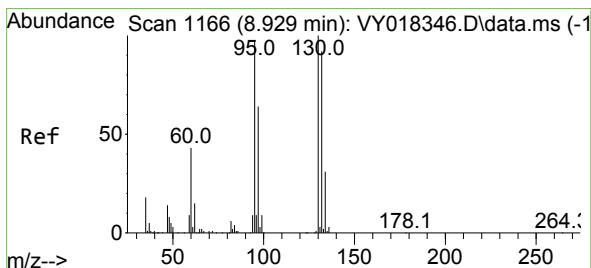
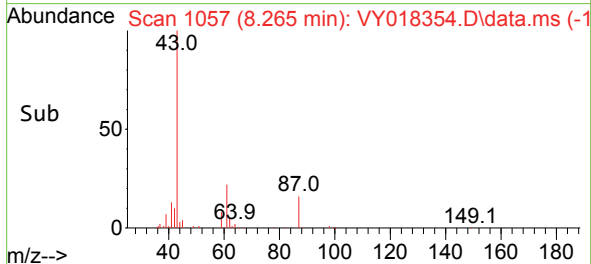
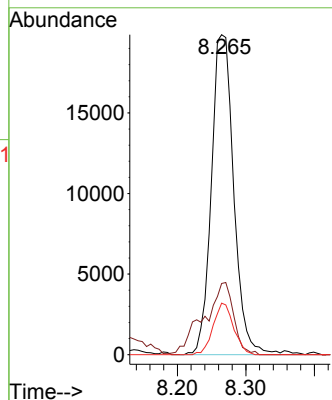
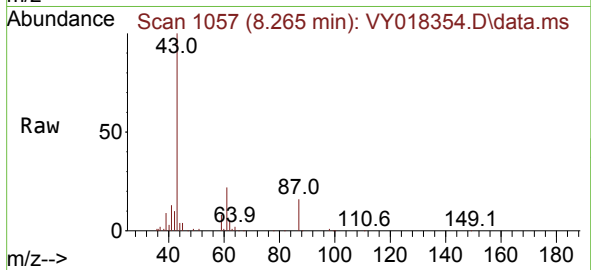




#43
Isopropyl Acetate
Concen: 21.629 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

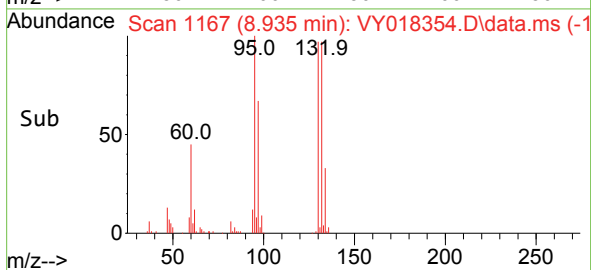
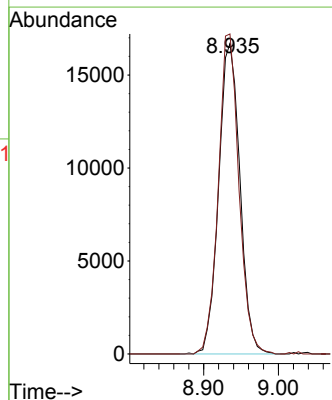
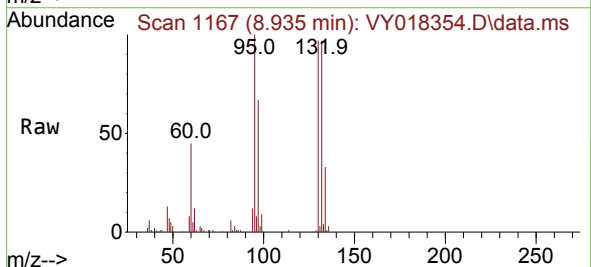
Instrument :
MSVOA_Y
ClientSampleId :

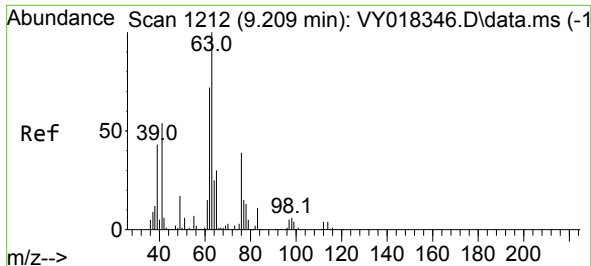
Tgt Ion: 43 Resp: 45028
Ion Ratio Lower Upper
43 100
61 30.0 27.9 41.9
87 14.7 13.1 19.7



#44
Trichloroethene
Concen: 18.991 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion:130 Resp: 33099
Ion Ratio Lower Upper
130 100
95 103.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.286 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

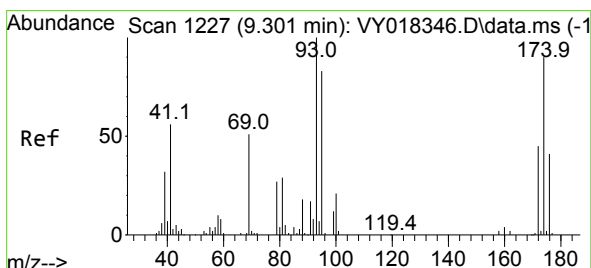
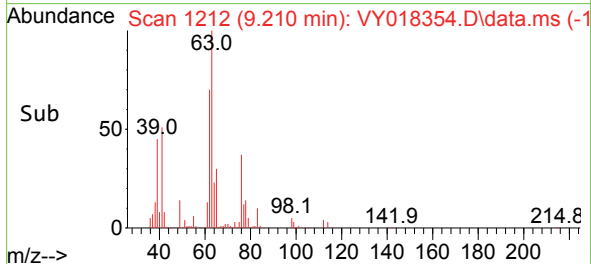
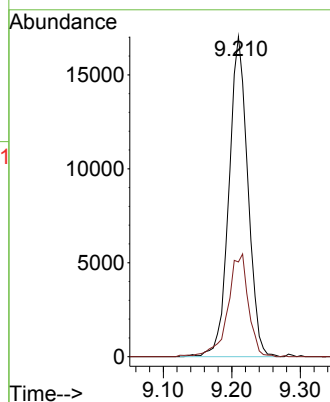
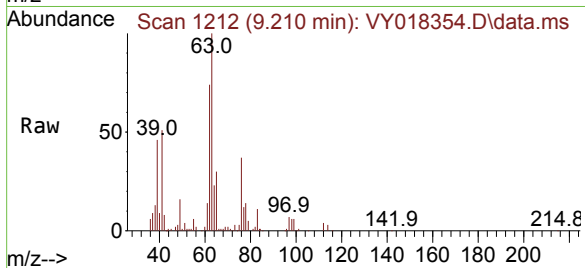
ClientSampleId :

Tgt Ion: 63 Resp: 32552

Ion Ratio Lower Upper

63 100

65 29.6 25.4 38.2



#46

Dibromomethane

Concen: 21.354 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

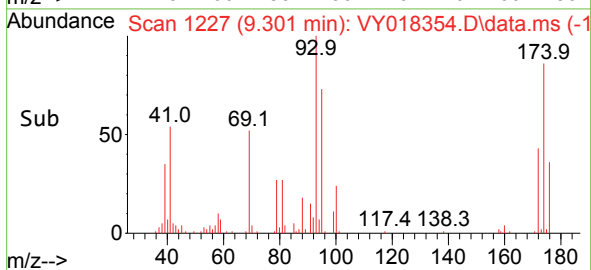
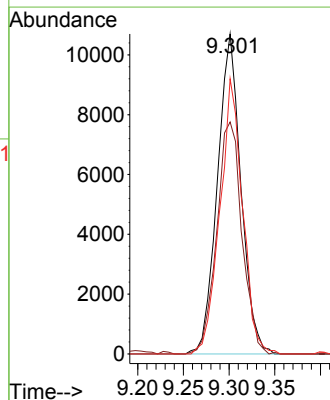
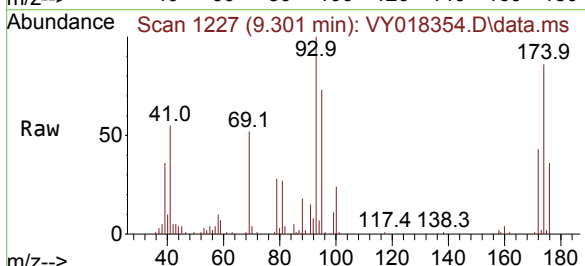
Tgt Ion: 93 Resp: 19162

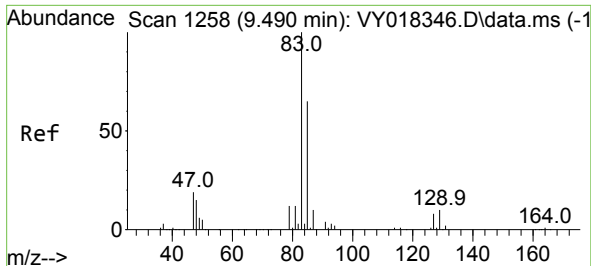
Ion Ratio Lower Upper

93 100

95 77.7 66.2 99.4

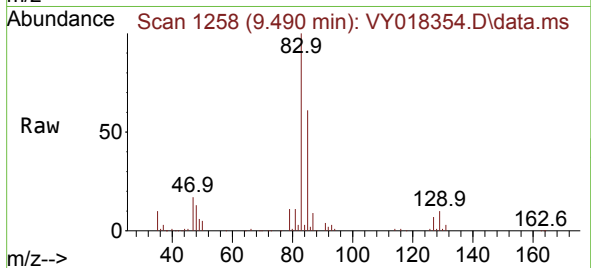
174 82.8 80.9 121.3



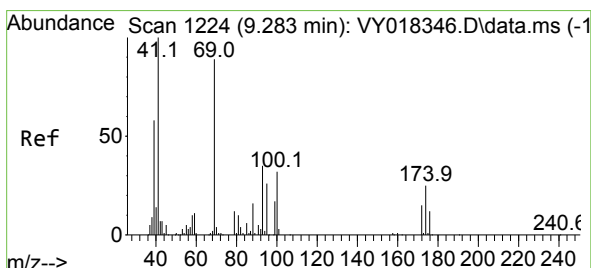
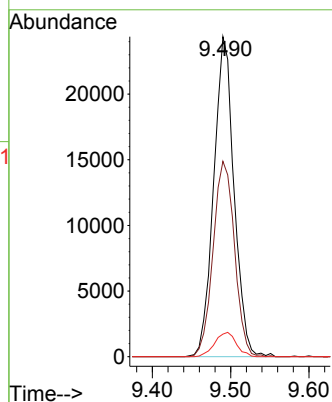
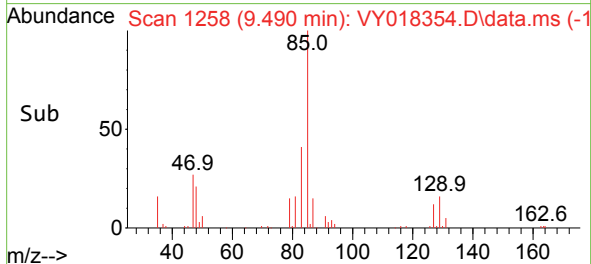


#47
Bromodichloromethane
Concen: 20.200 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :

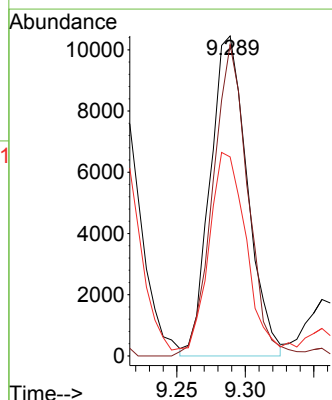
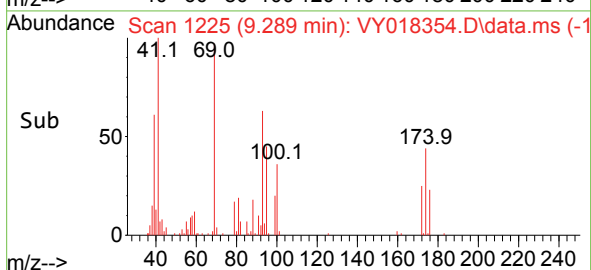
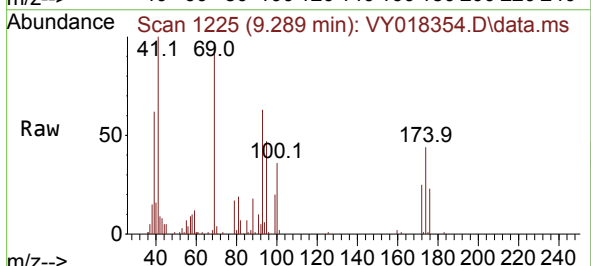


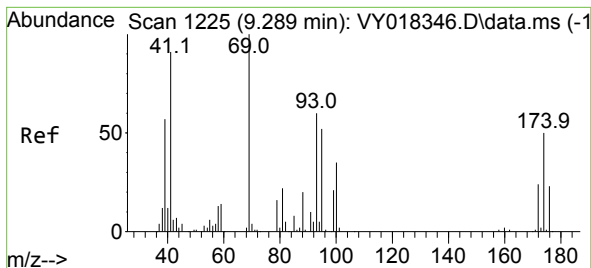
Tgt Ion: 83 Resp: 43991
Ion Ratio Lower Upper
83 100
85 61.1 50.1 75.1
127 7.1 7.4 11.0#



#48
Methyl methacrylate
Concen: 20.938 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 41 Resp: 19717
Ion Ratio Lower Upper
41 100
69 91.2 84.1 126.1
39 64.2 43.6 65.4





#49

1,4-Dioxane

Concen: 402.487 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

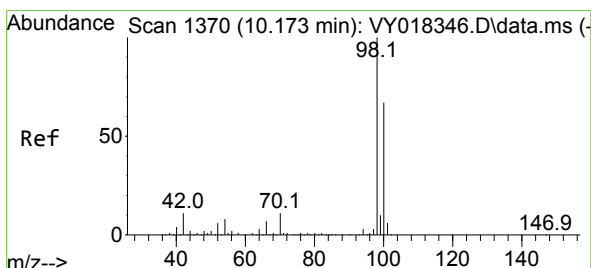
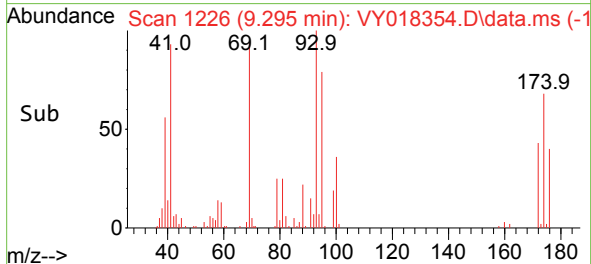
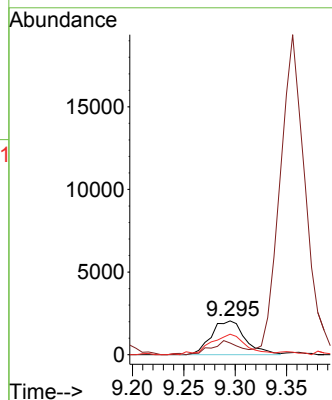
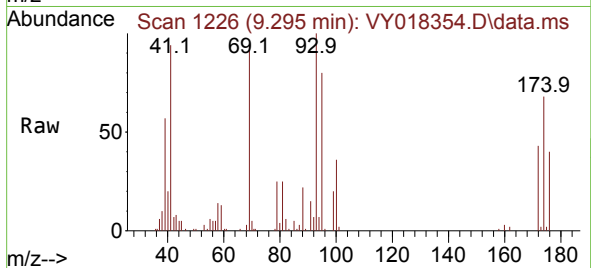
Tgt Ion: 88 Resp: 4686

Ion Ratio Lower Upper

88 100

43 33.2 0.0 0.0#

58 62.7 49.3 73.9



#50

Toluene-d8

Concen: 50.106 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018354.D

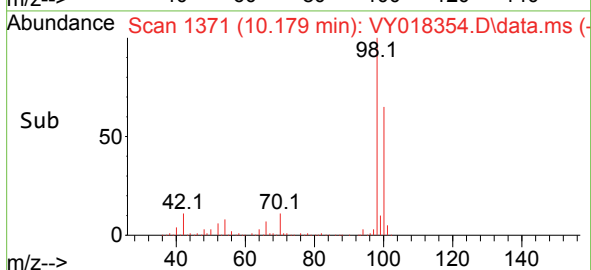
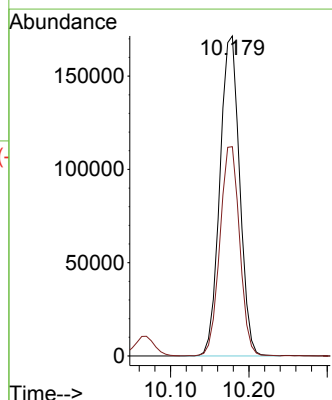
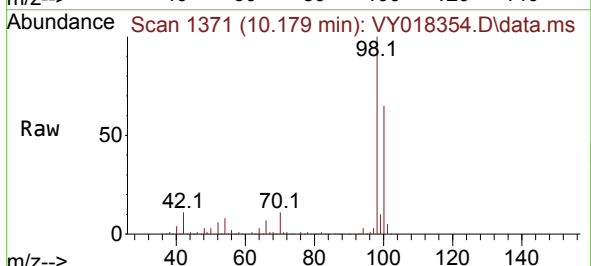
Acq: 23 May 2024 11:26

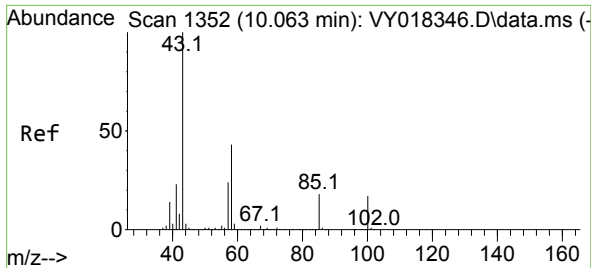
Tgt Ion: 98 Resp: 300455

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

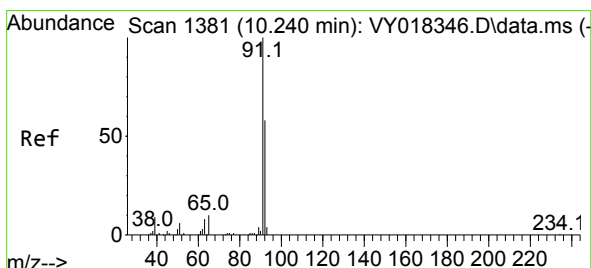
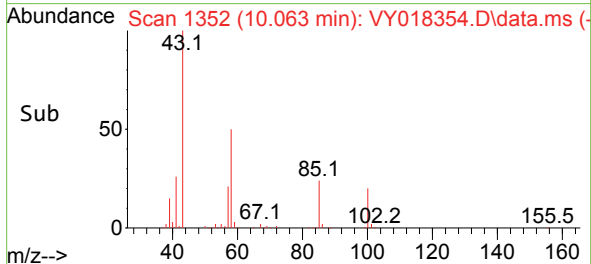
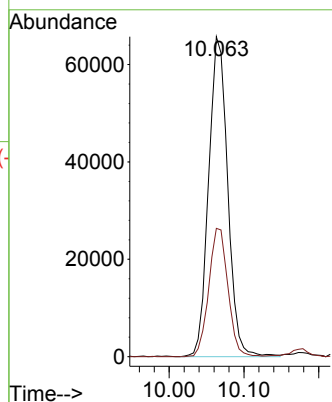
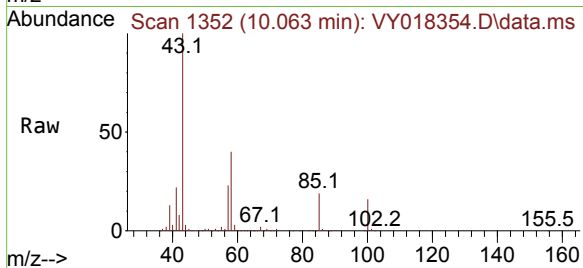




#51
4-Methyl-2-Pentanone
Concen: 110.896 ug/l
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

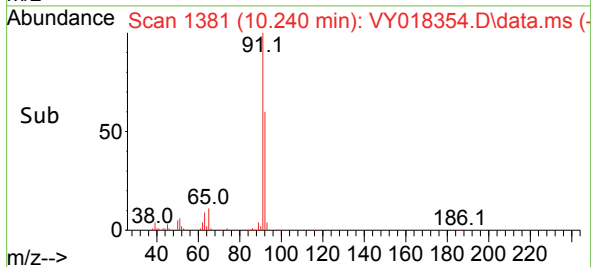
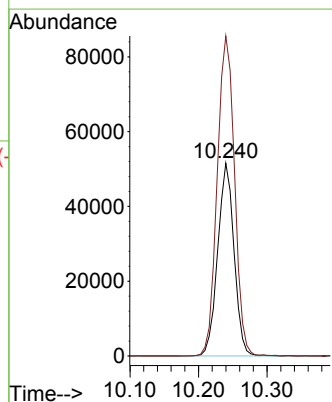
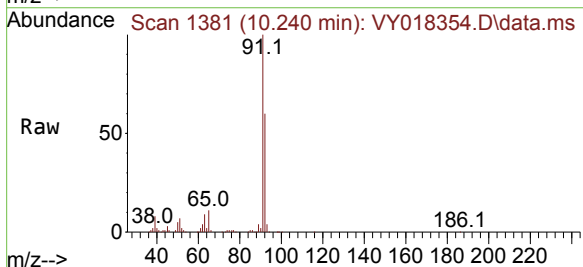
Instrument :
MSVOA_Y
ClientSampleId :

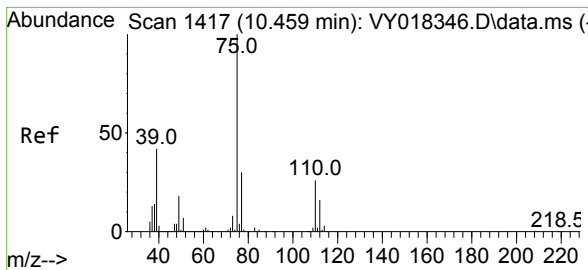
Tgt Ion: 43 Resp: 116514
Ion Ratio Lower Upper
43 100
58 40.3 35.7 53.5



#52
Toluene
Concen: 19.960 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 92 Resp: 85074
Ion Ratio Lower Upper
92 100
91 176.2 139.0 208.6

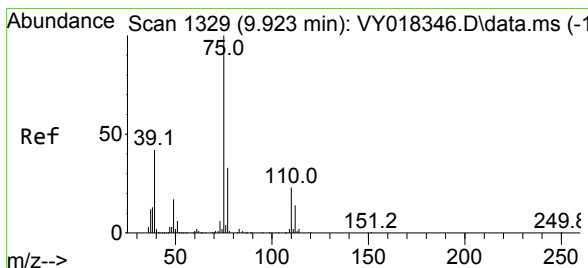
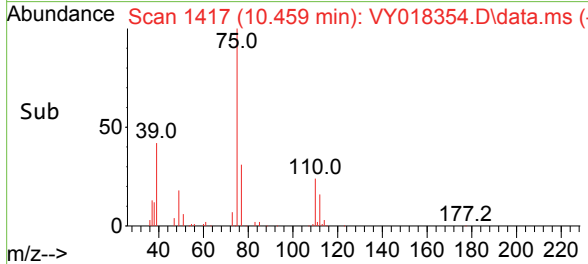
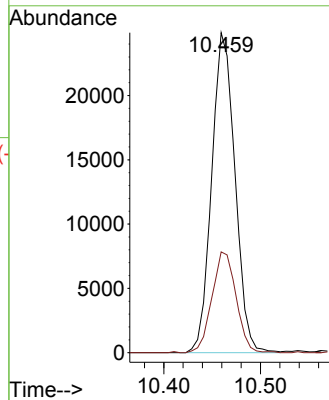
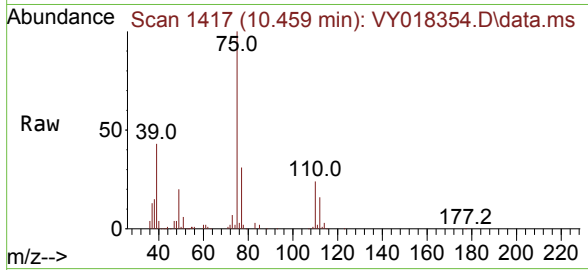




#53
t-1,3-Dichloropropene
Concen: 20.932 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

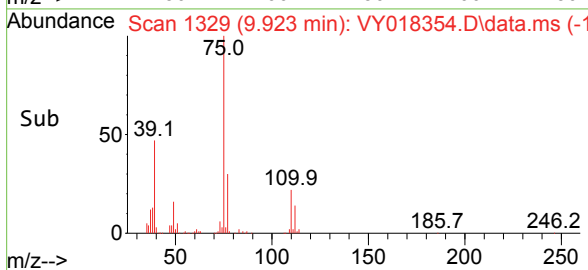
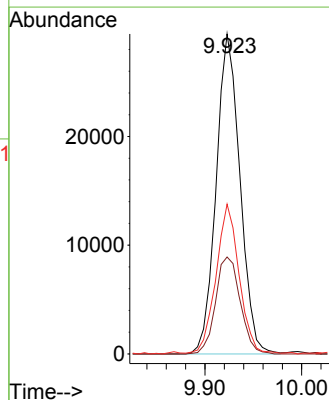
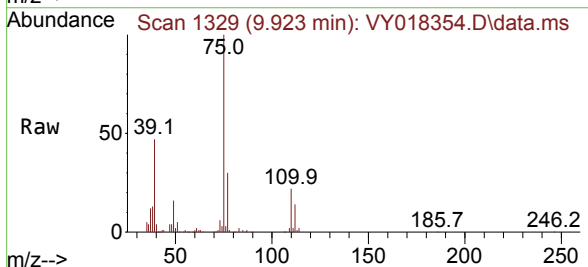
Instrument :
MSVOA_Y
ClientSampleId :

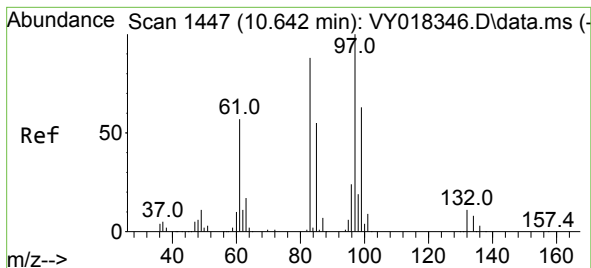
Tgt Ion: 75 Resp: 41676
Ion Ratio Lower Upper
75 100
77 31.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.597 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion: 75 Resp: 50251
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0
39 46.6 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.283 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

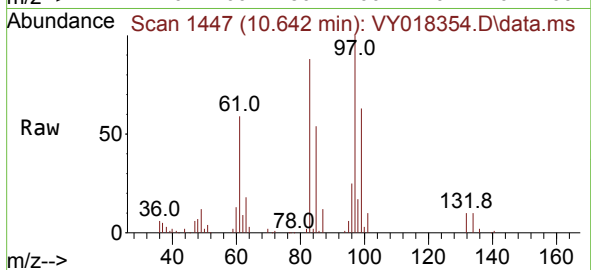
Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 25302

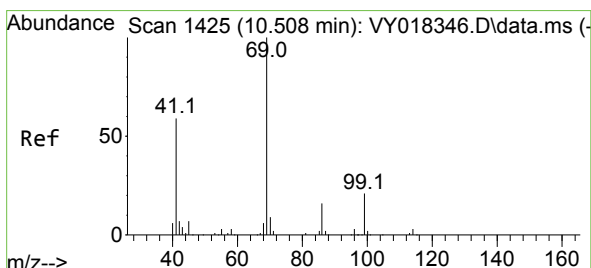
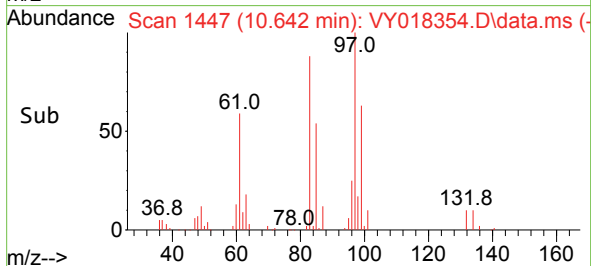
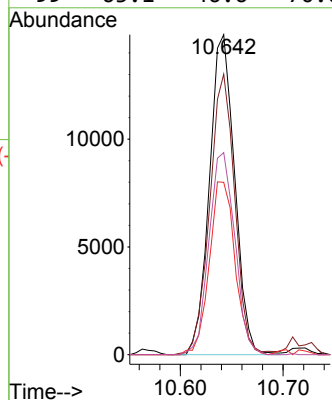
Ion Ratio Lower Upper

97 100

83 87.2 67.5 101.3

85 53.9 42.9 64.3

99 63.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 22.035 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

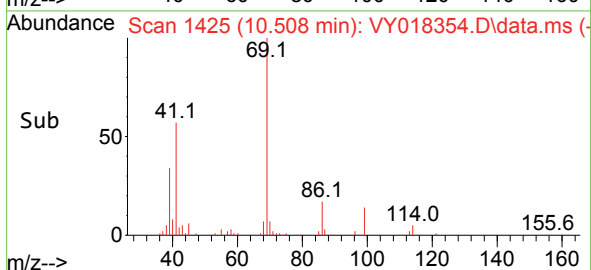
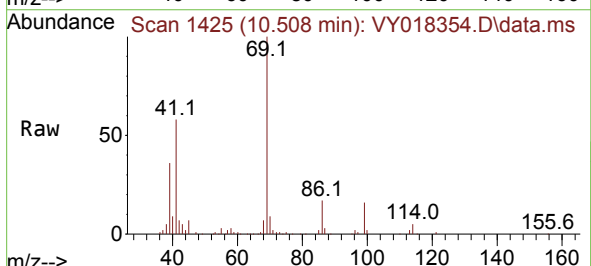
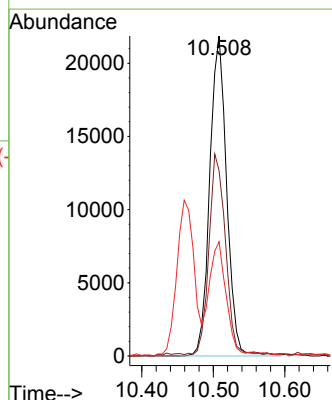
Tgt Ion: 69 Resp: 35932

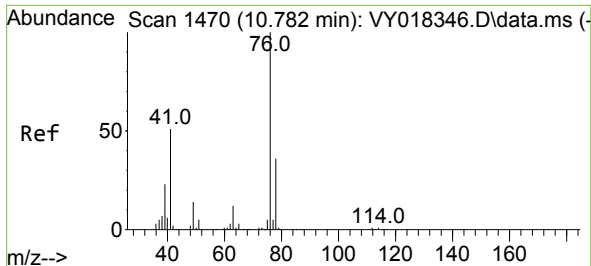
Ion Ratio Lower Upper

69 100

41 61.0 42.3 63.5

39 34.2 22.9 34.3





#57

1,3-Dichloropropane

Concen: 20.885 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

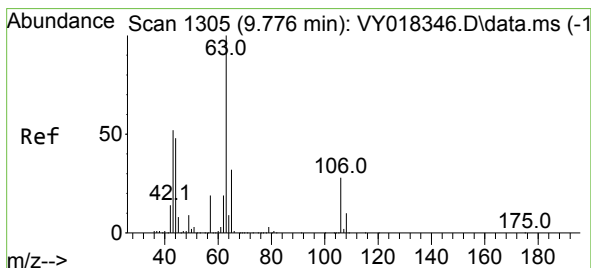
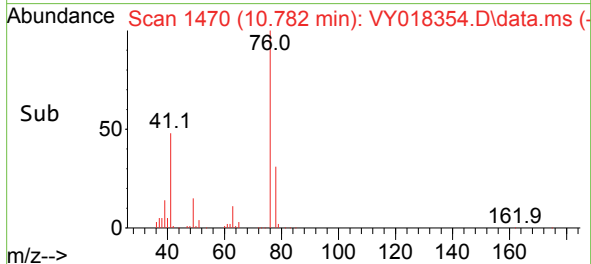
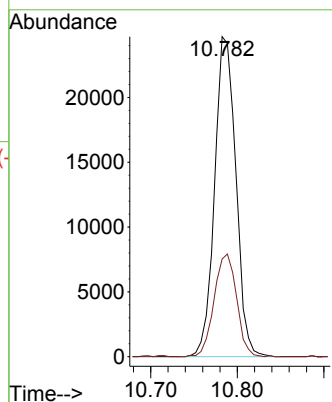
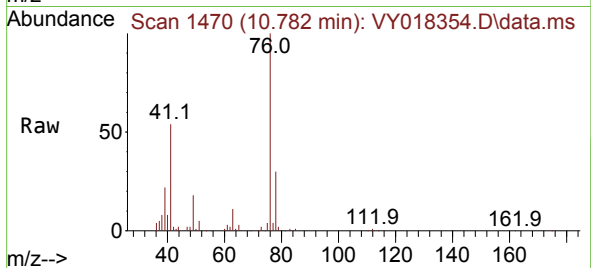
ClientSampleId :

Tgt Ion: 76 Resp: 42083

Ion Ratio Lower Upper

76 100

78 33.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.984 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018354.D

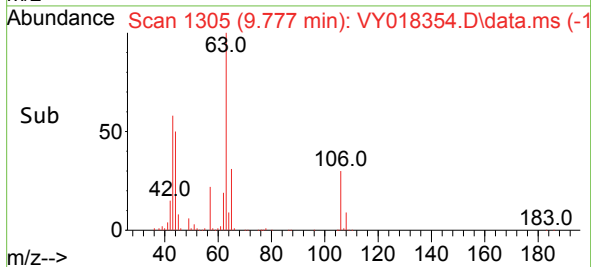
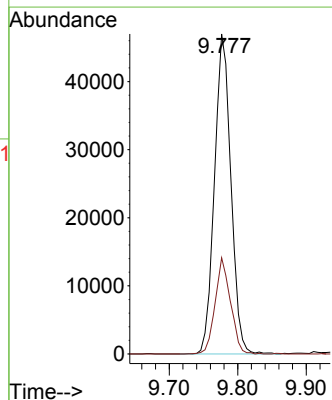
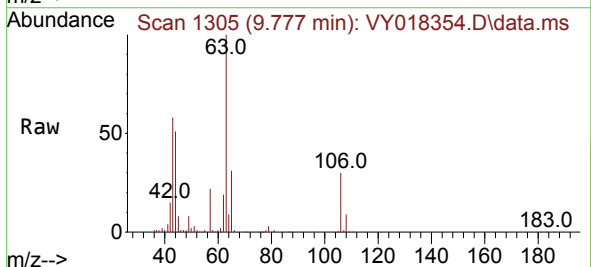
Acq: 23 May 2024 11:26

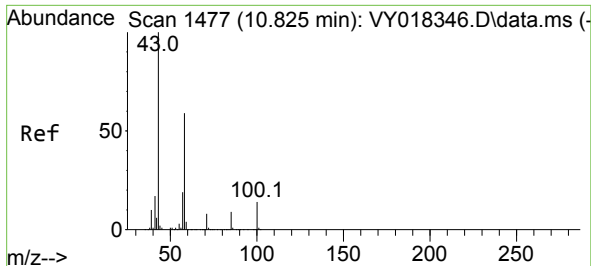
Tgt Ion: 63 Resp: 78091

Ion Ratio Lower Upper

63 100

106 28.1 23.7 35.5

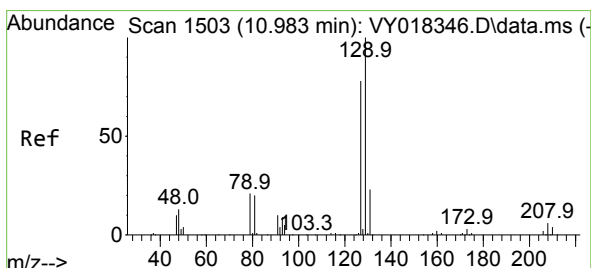
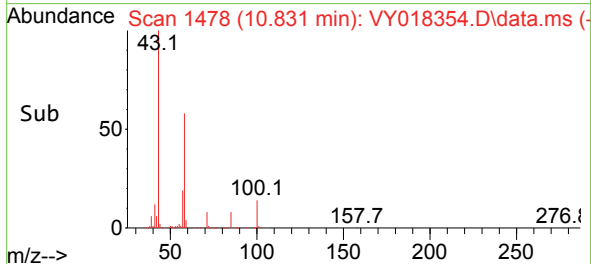
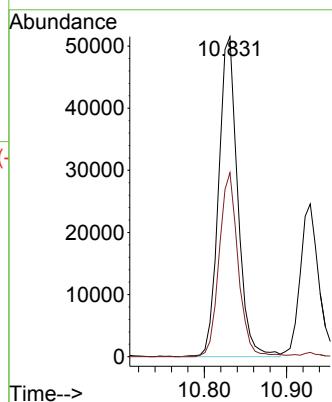
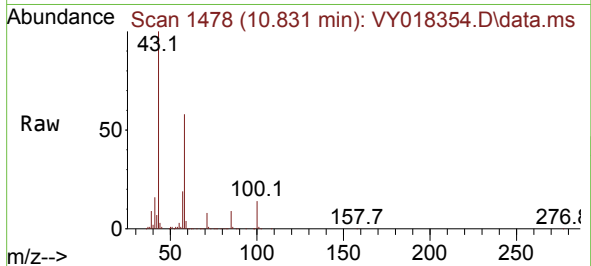




#59
2-Hexanone
Concen: 114.795 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

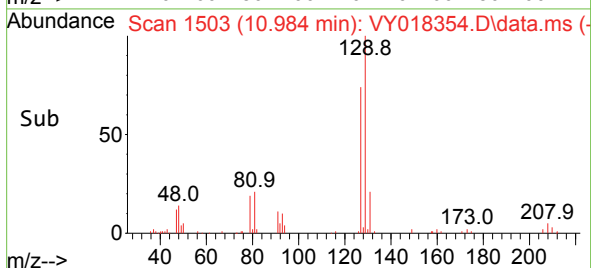
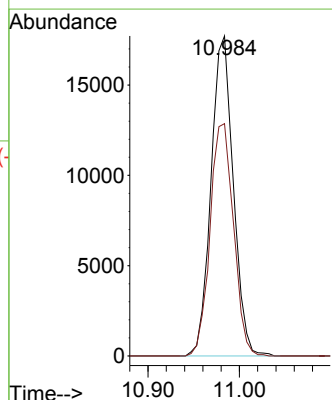
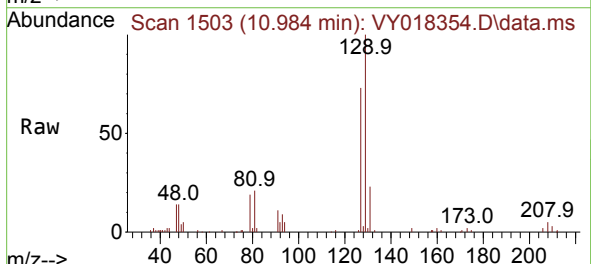
Instrument :
MSVOA_Y
ClientSampleId :

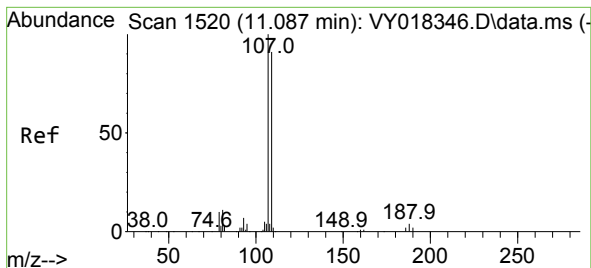
Tgt Ion: 43 Resp: 82992
Ion Ratio Lower Upper
43 100
58 57.3 31.4 94.0



#60
Dibromochloromethane
Concen: 20.839 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion:129 Resp: 29924
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

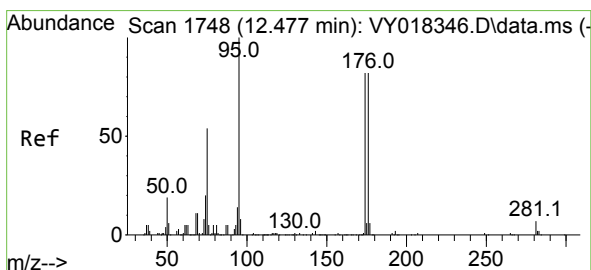
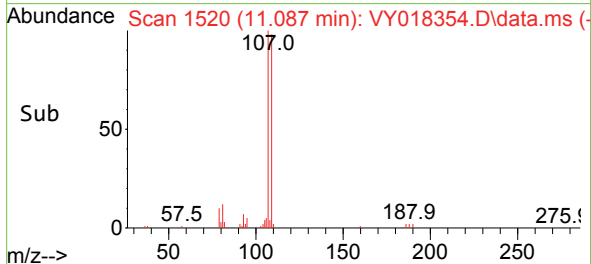
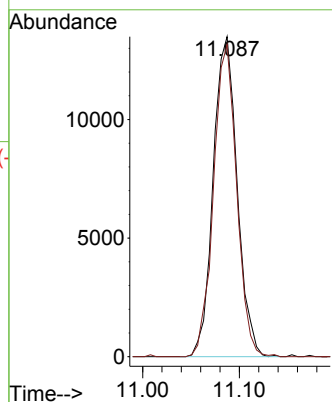
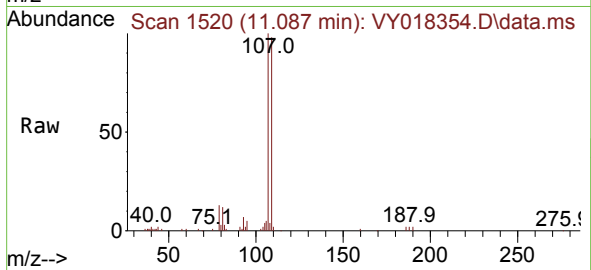




#61
1,2-Dibromoethane
Concen: 21.109 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

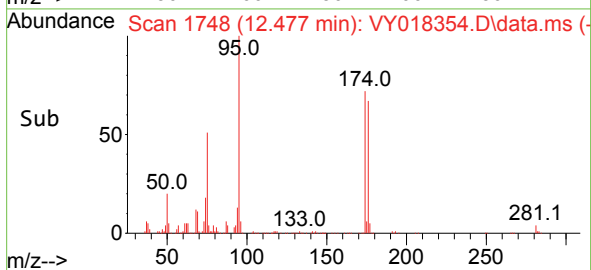
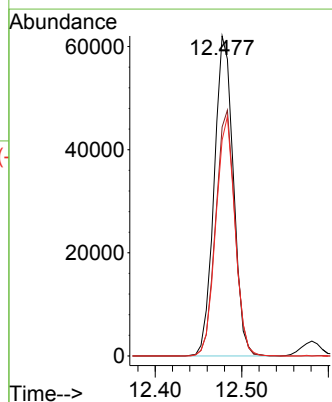
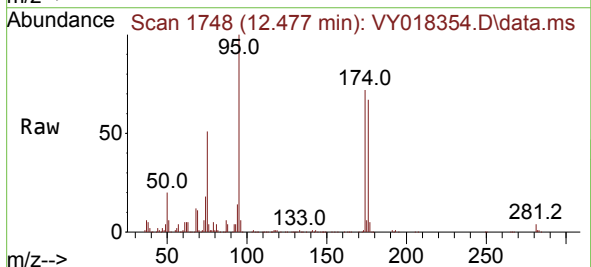
Instrument :
MSVOA_Y
ClientSampleId :

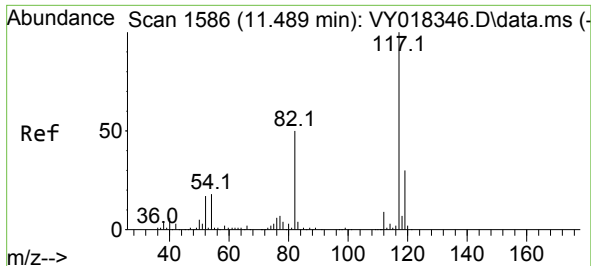
Tgt Ion:107 Resp: 23155
Ion Ratio Lower Upper
107 100
109 94.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.628 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

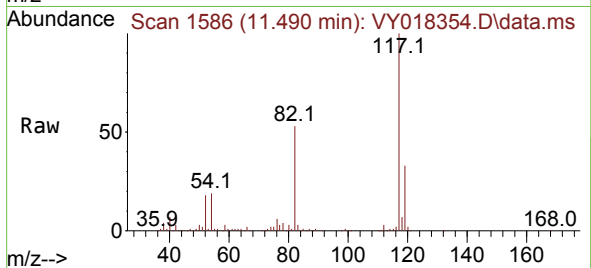
Tgt Ion: 95 Resp: 95657
Ion Ratio Lower Upper
95 100
174 76.7 0.0 175.6
176 74.4 0.0 171.4



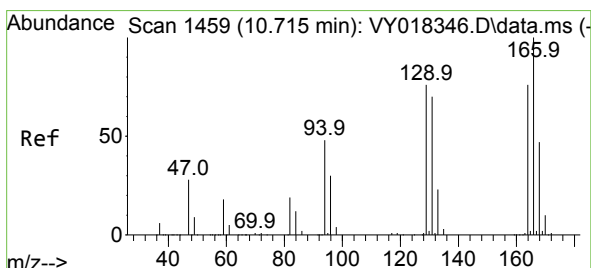
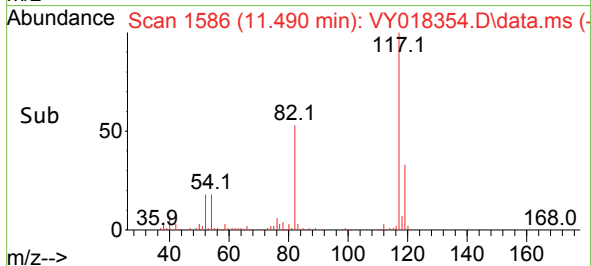
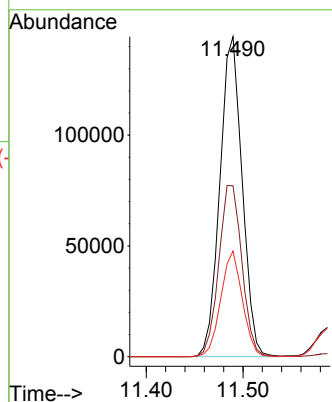


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :

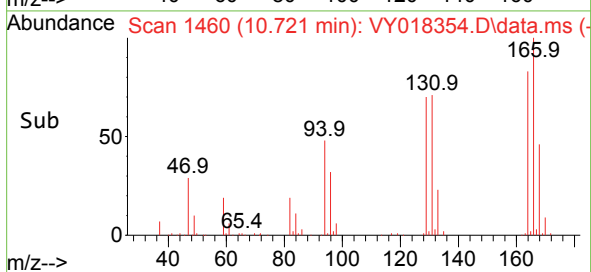
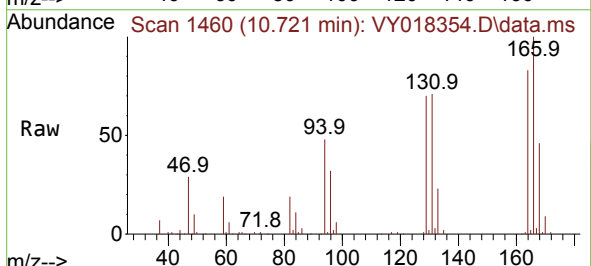
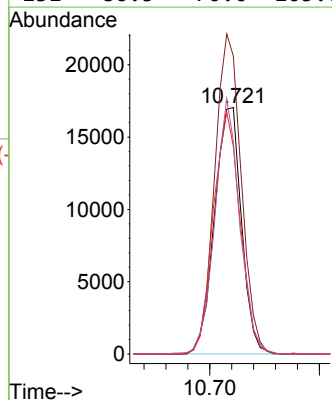


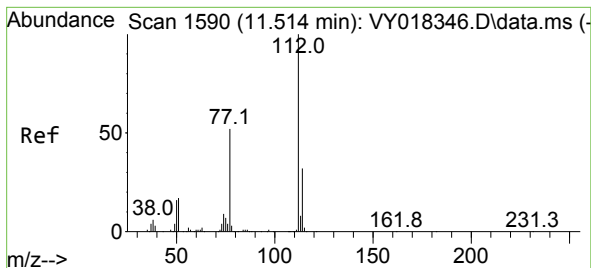
Tgt Ion:117 Resp: 230478
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 33.0 25.9 38.9



#64
Tetrachloroethene
Concen: 17.723 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion:164 Resp: 28976
Ion Ratio Lower Upper
164 100
166 121.0 102.6 154.0
129 84.3 72.0 108.0
131 86.5 70.0 105.0





#65

Chlorobenzene

Concen: 19.477 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

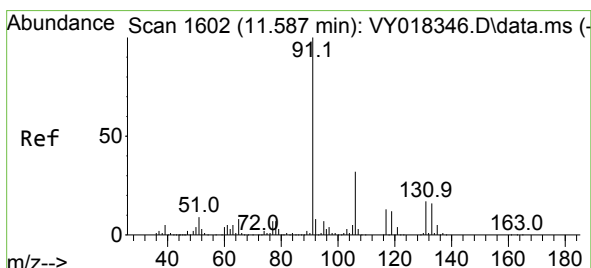
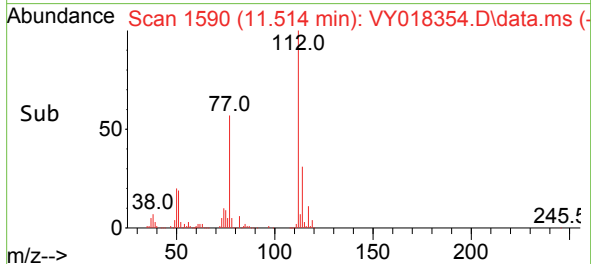
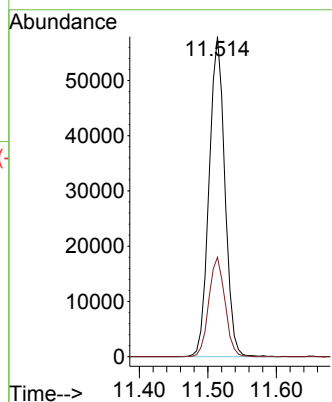
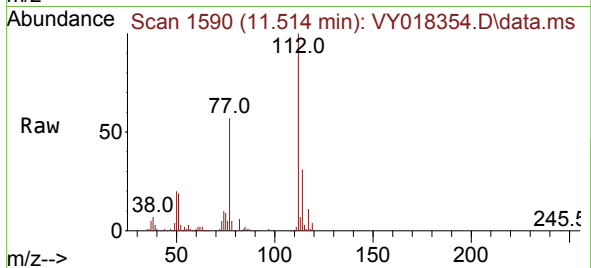
ClientSampleId :

Tgt Ion:112 Resp: 92730

Ion Ratio Lower Upper

112 100

114 31.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.272 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

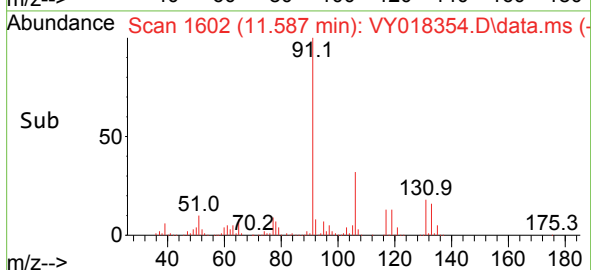
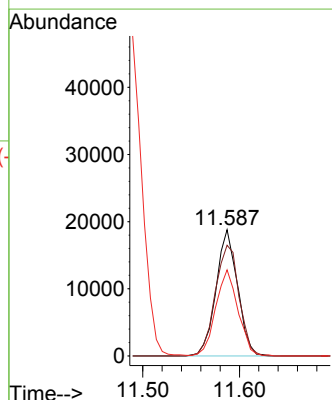
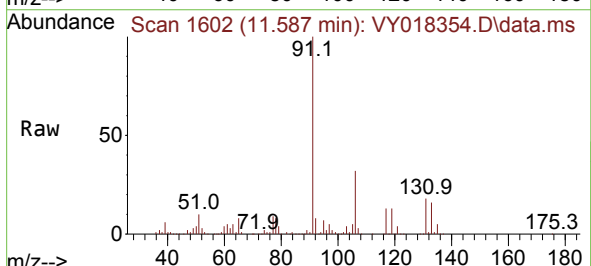
Tgt Ion:131 Resp: 29027

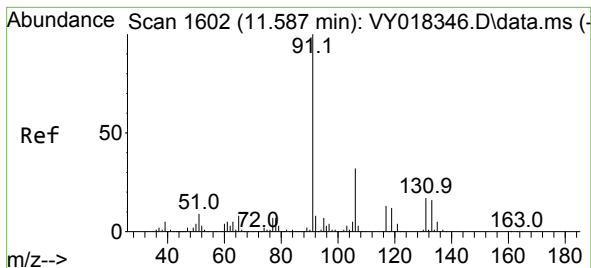
Ion Ratio Lower Upper

131 100

133 97.3 47.8 143.3

119 70.7 34.1 102.2





#67

Ethyl Benzene

Concen: 19.926 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

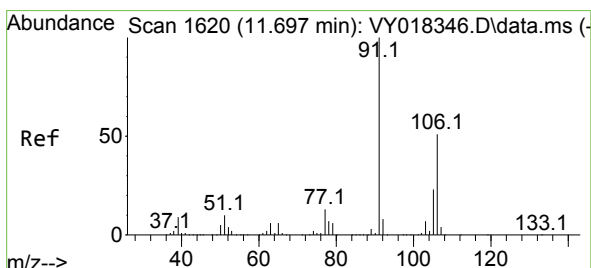
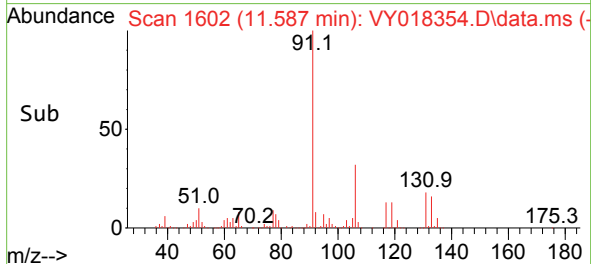
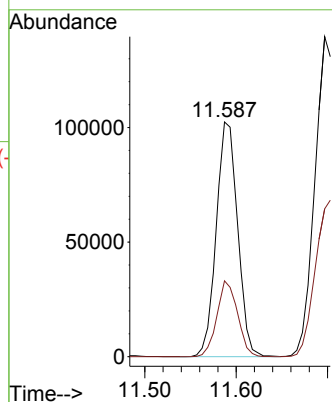
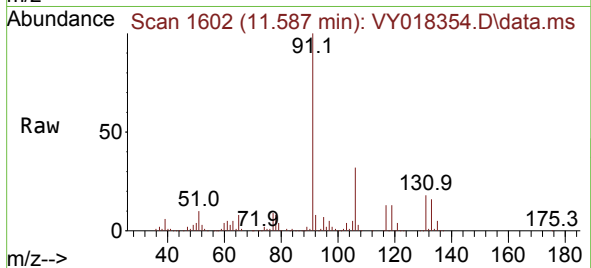
ClientSampleId :

Tgt Ion: 91 Resp: 166603

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 38.599 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY018354.D

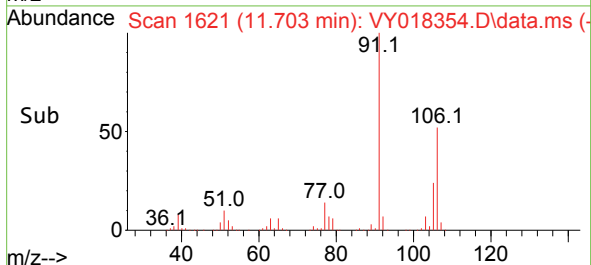
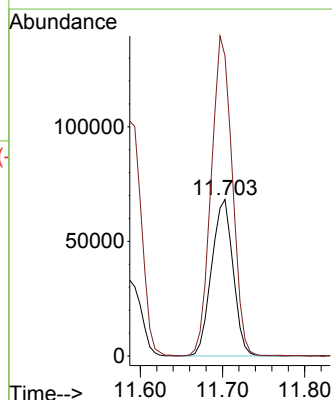
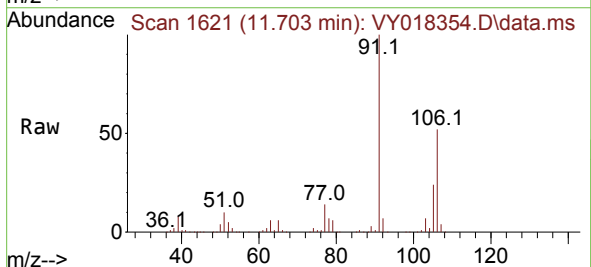
Acq: 23 May 2024 11:26

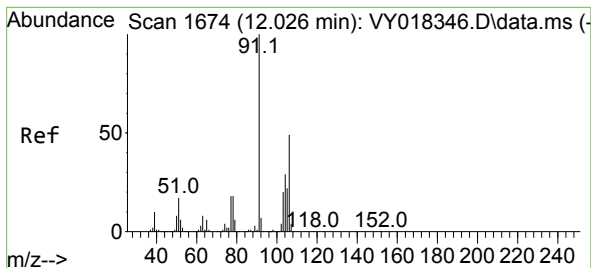
Tgt Ion:106 Resp: 124178

Ion Ratio Lower Upper

106 100

91 200.1 156.0 234.0





#69

o-Xylene

Concen: 19.854 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

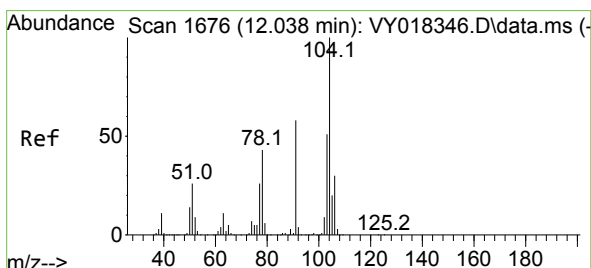
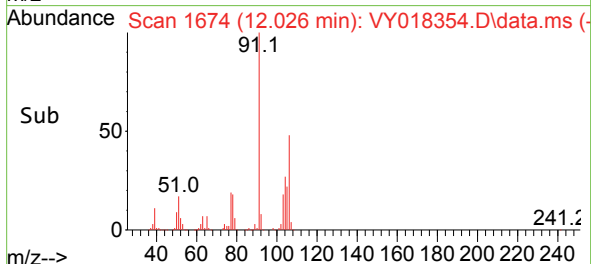
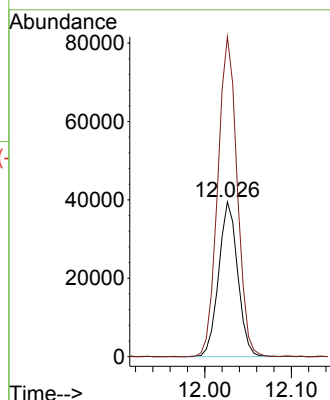
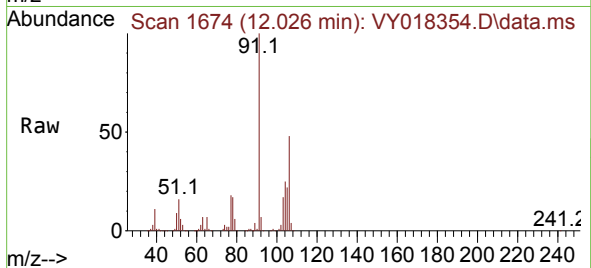
ClientSampleId :

Tgt Ion:106 Resp: 60278

Ion Ratio Lower Upper

106 100

91 210.7 103.6 310.8



#70

Styrene

Concen: 20.534 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

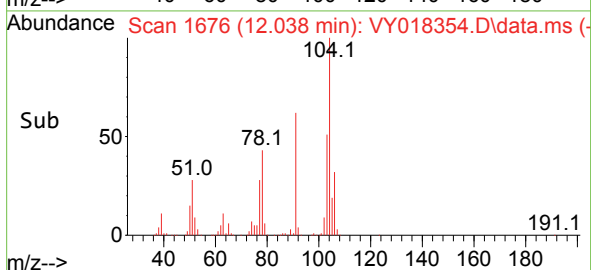
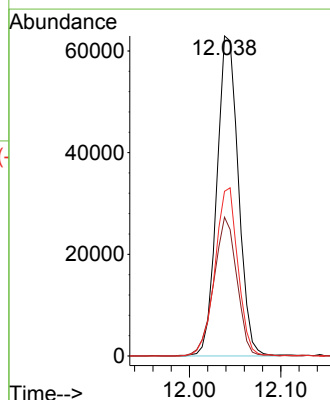
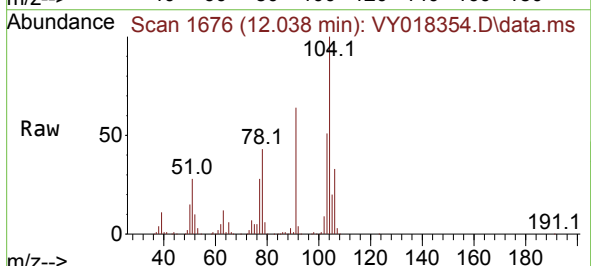
Tgt Ion:104 Resp: 103054

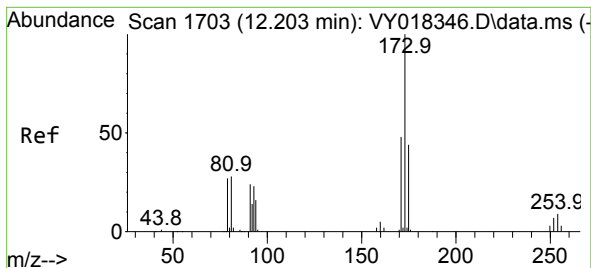
Ion Ratio Lower Upper

104 100

78 46.6 37.0 55.4

103 56.0 44.2 66.2





#71

Bromoform

Concen: 19.518 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018354.D

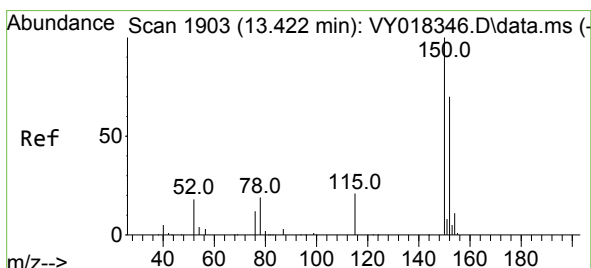
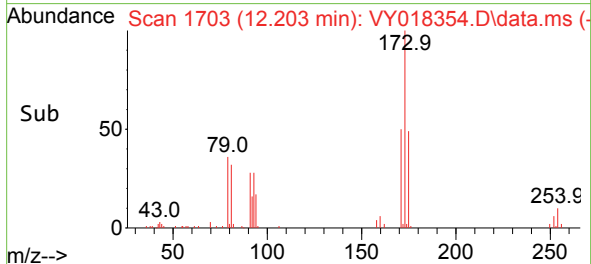
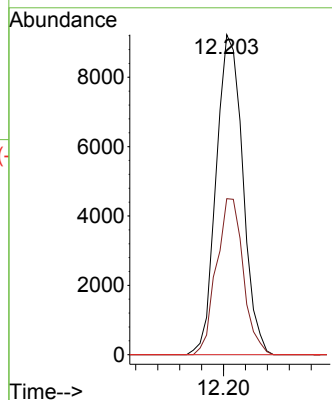
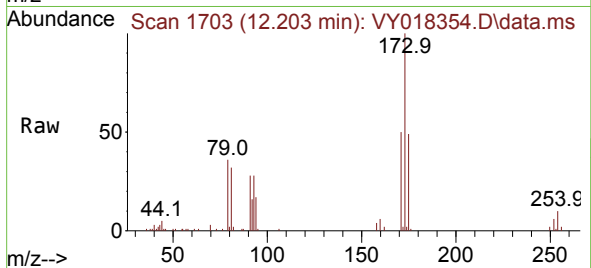
Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	15549
Ion Ratio	Lower	Upper	
173	100		
175	49.1	25.1	75.3
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

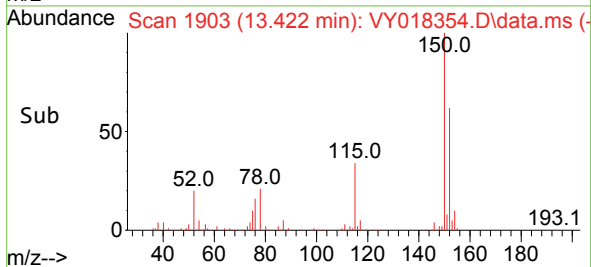
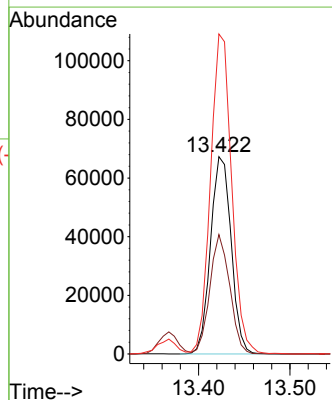
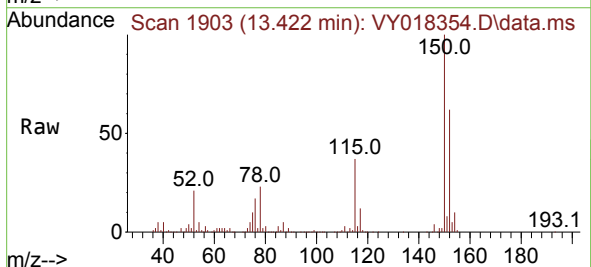
RT: 13.422 min Scan# 1903

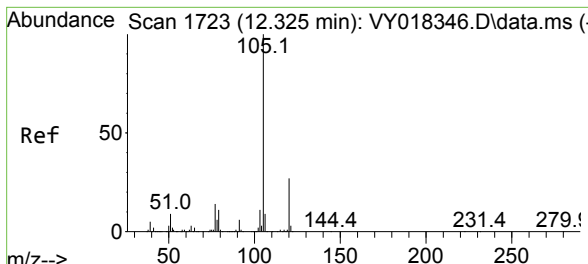
Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Tgt Ion:	152	Resp:	105564
Ion Ratio	Lower	Upper	
152	100		
115	58.3	28.2	84.7
150	165.9	0.0	345.6

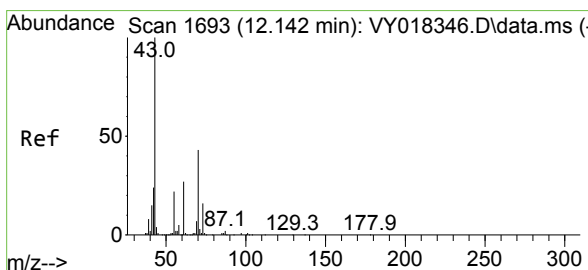
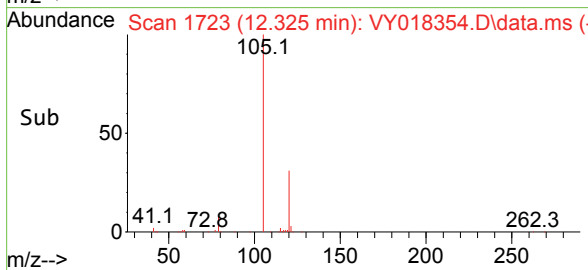
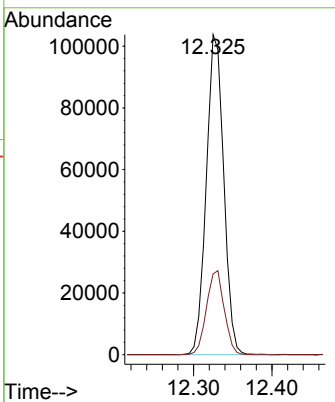
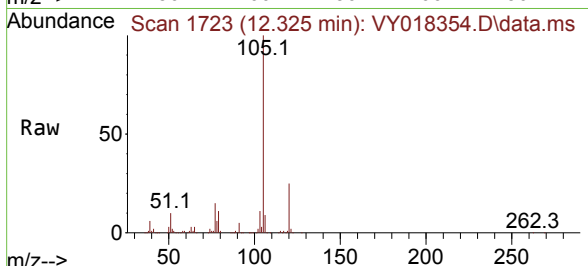




#73
Isopropylbenzene
Concen: 19.304 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

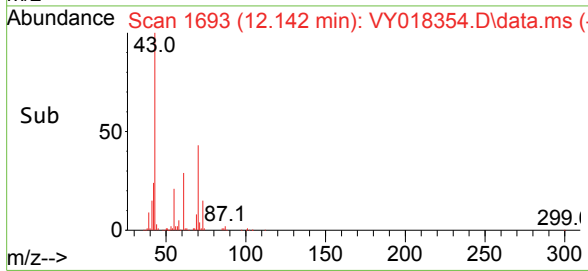
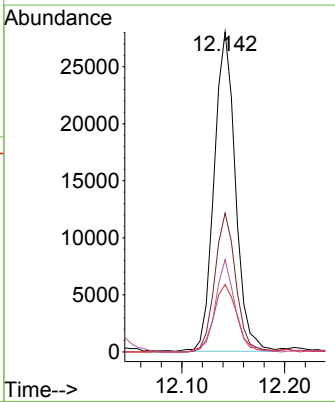
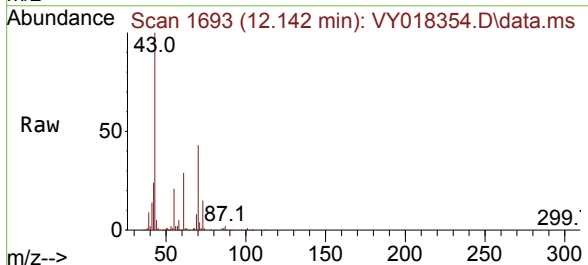
Instrument : MSVOA_Y
ClientSampleId :

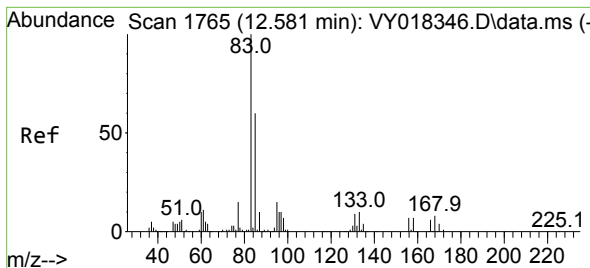
Tgt Ion:	105	Resp:	160165
Ion Ratio	Lower	Upper	
105	100		
120	26.6	13.4	40.1



#74
N-ethyl acetate
Concen: 20.808 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

Tgt Ion:	43	Resp:	40280
Ion Ratio	Lower	Upper	
43	100		
70	42.8	41.4	62.2
55	23.1	23.3	34.9#
61	26.5	22.6	33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.225 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

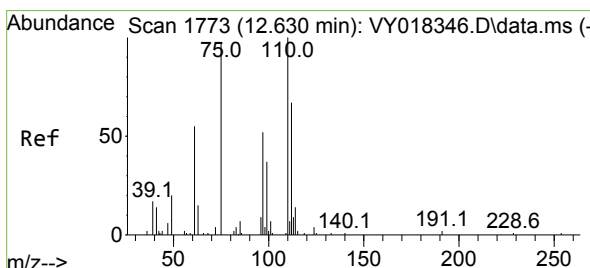
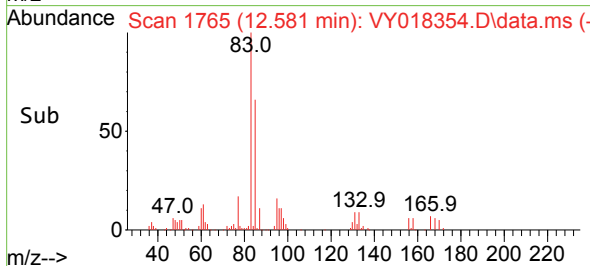
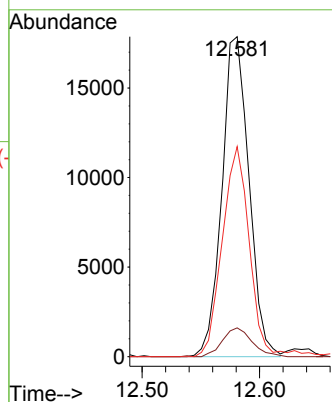
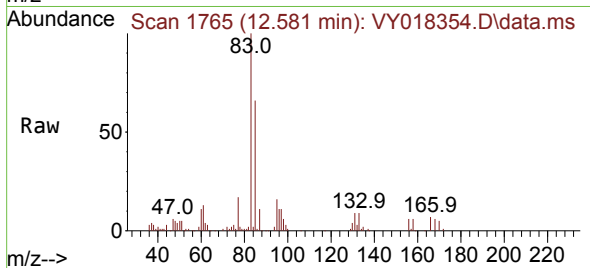
Tgt Ion: 83 Resp: 28593

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 66.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.943 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018354.D

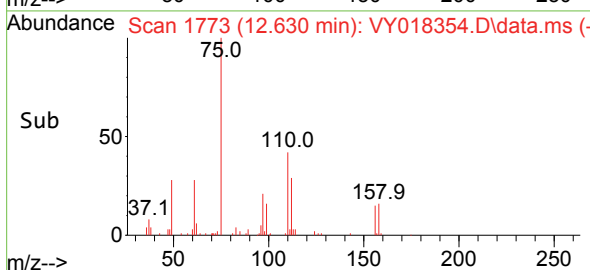
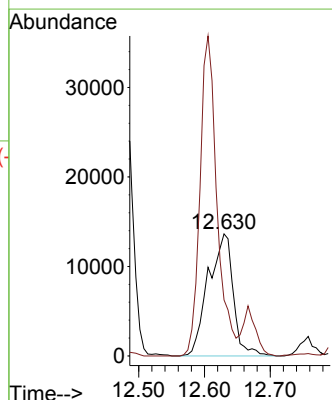
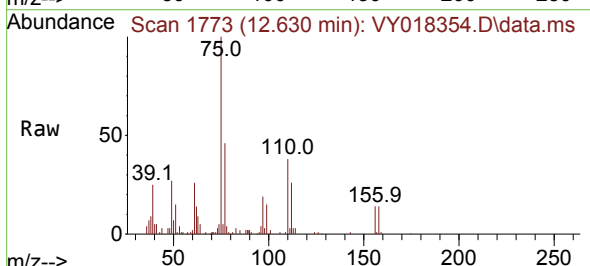
Acq: 23 May 2024 11:26

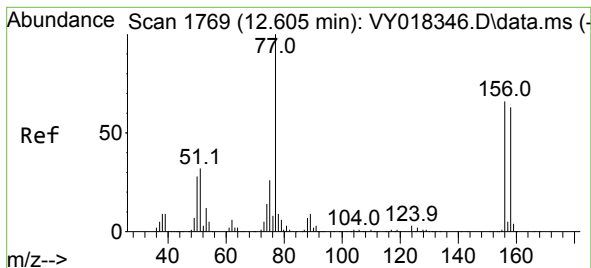
Tgt Ion: 75 Resp: 36000

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.667 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

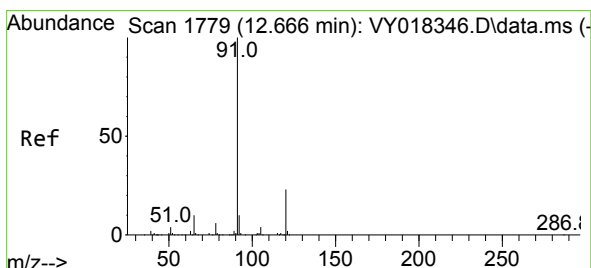
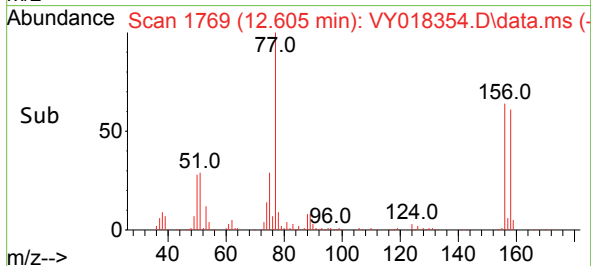
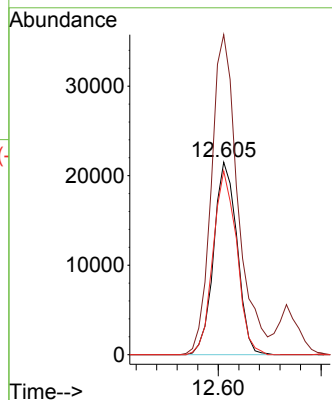
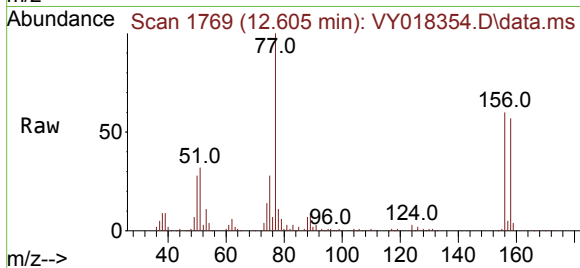
Tgt Ion:156 Resp: 33922

Ion Ratio Lower Upper

156 100

77 189.3 87.1 261.3

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 19.664 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY018354.D

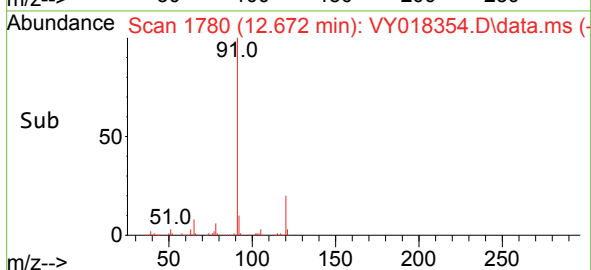
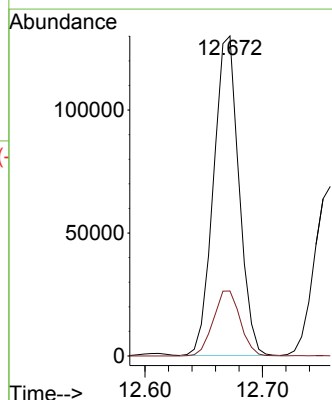
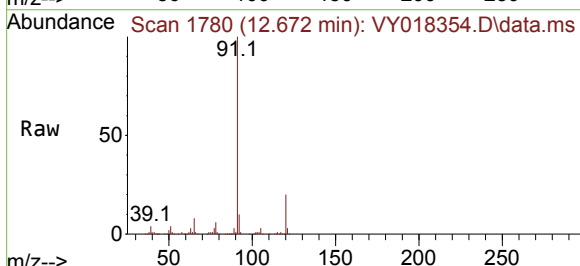
Acq: 23 May 2024 11:26

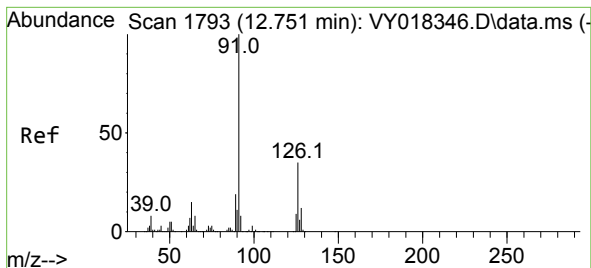
Tgt Ion: 91 Resp: 195354

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.546 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

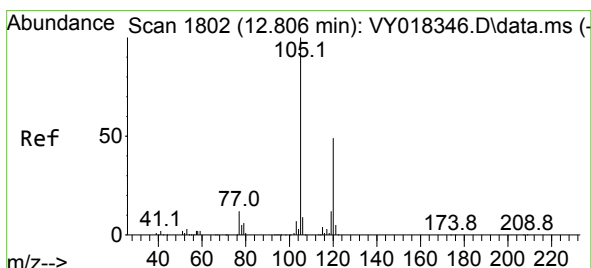
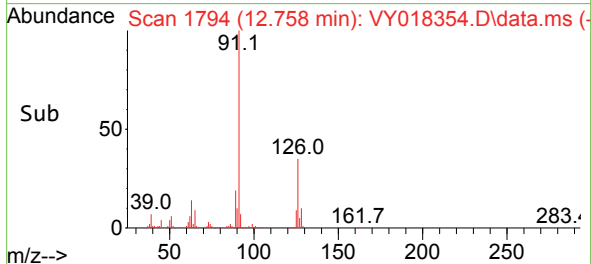
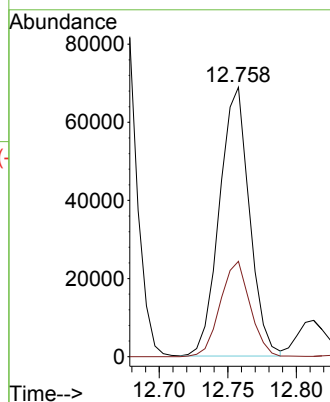
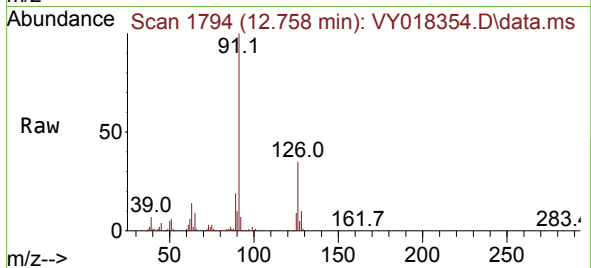
ClientSampleId :

Tgt Ion: 91 Resp: 105130

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.408 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018354.D

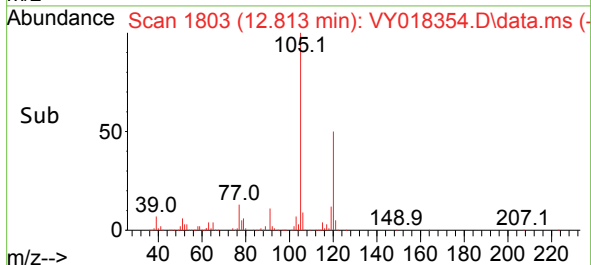
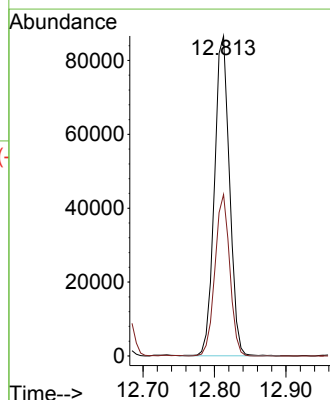
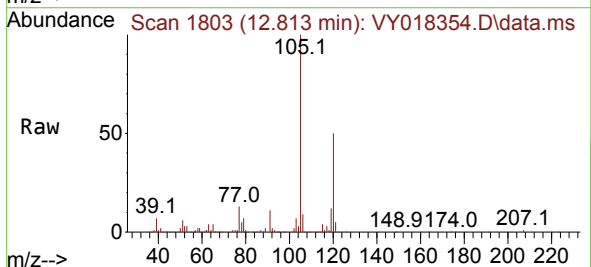
Acq: 23 May 2024 11:26

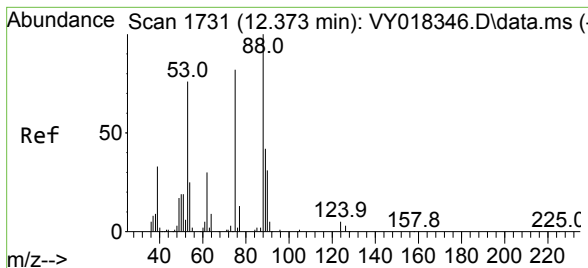
Tgt Ion: 105 Resp: 126542

Ion Ratio Lower Upper

105 100

120 49.5 25.1 75.2

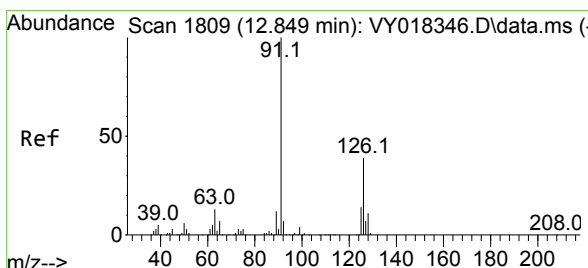
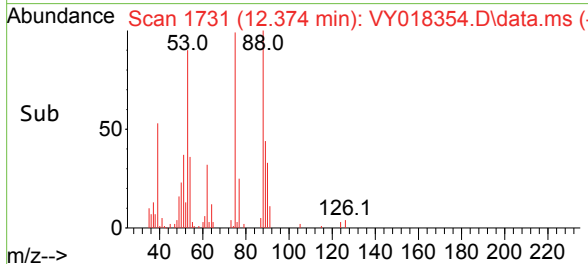
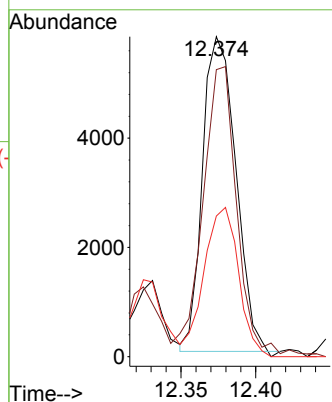
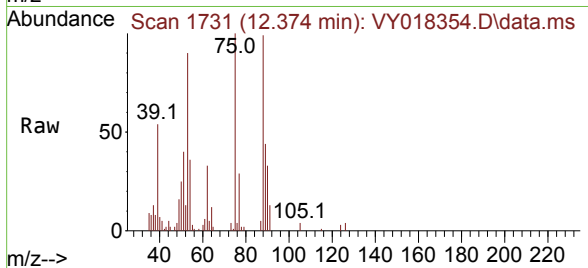




#81
trans-1,4-Dichloro-2-butene
Concen: 19.246 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

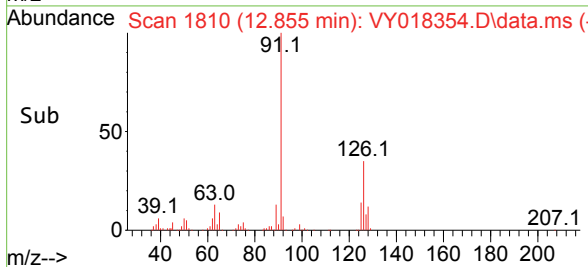
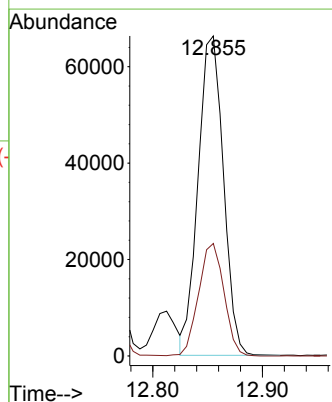
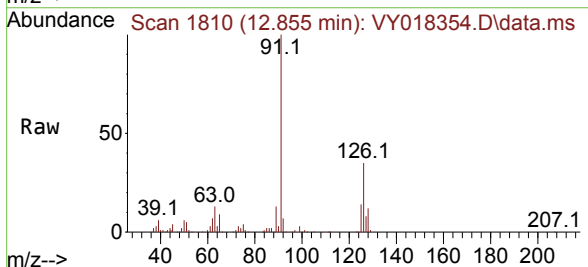
Instrument :
MSVOA_Y
ClientSampleId :

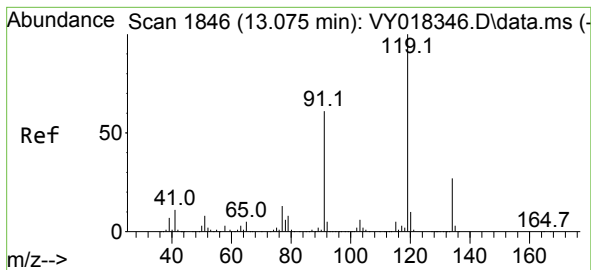
Tgt Ion: 75 Resp: 8875
Ion Ratio Lower Upper
75 100
53 95.1 66.8 100.2
89 49.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.496 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018354.D
Acq: 23 May 2024 11:26

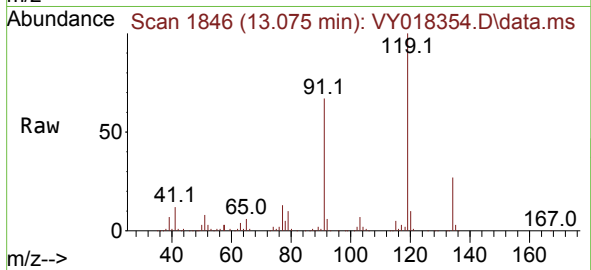
Tgt Ion: 91 Resp: 106322
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.9



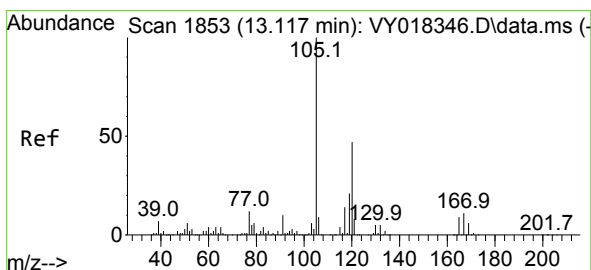
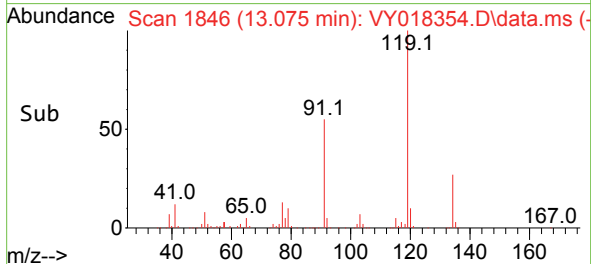
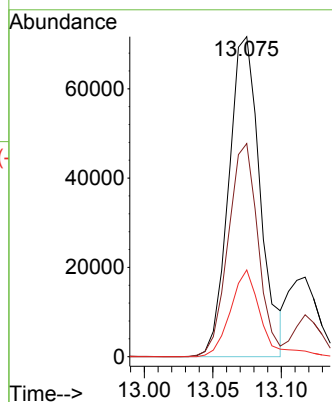


#83
 tert-Butylbenzene
 Concen: 18.996 ug/l
 RT: 13.075 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY018354.D
 Acq: 23 May 2024 11:26

Instrument :
 MSVOA_Y
 ClientSampleId :

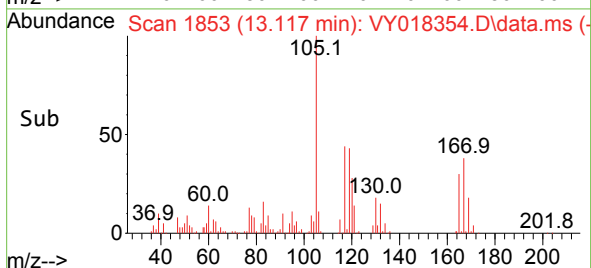
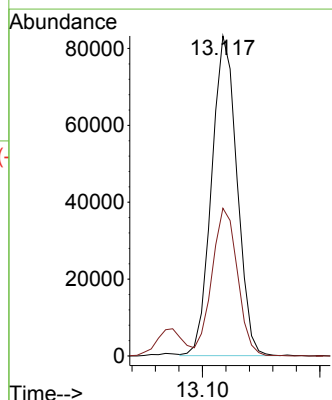
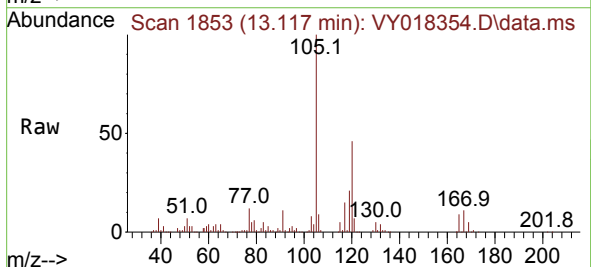


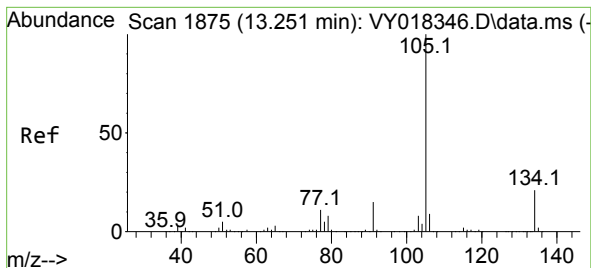
Tgt Ion:119 Resp: 114490
 Ion Ratio Lower Upper
 119 100
 91 63.5 31.3 93.8
 134 26.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.470 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY018354.D
 Acq: 23 May 2024 11:26

Tgt Ion:105 Resp: 124848
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.328 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

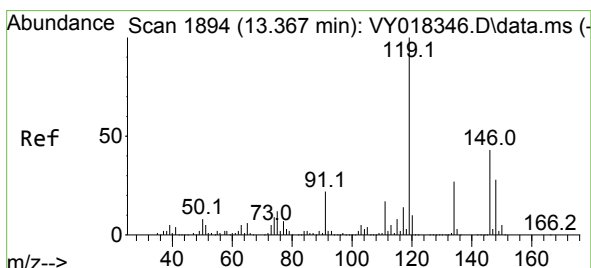
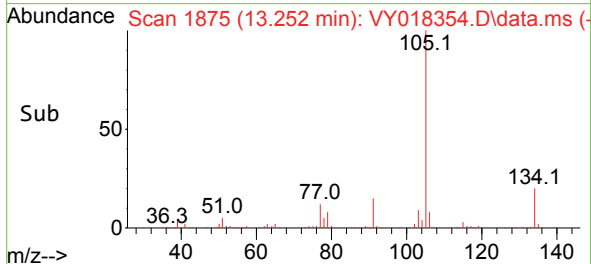
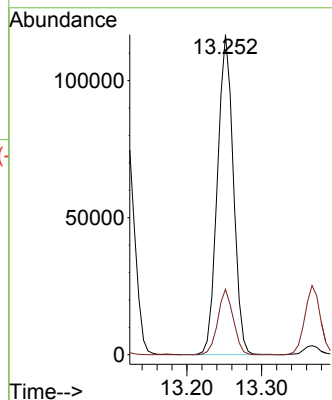
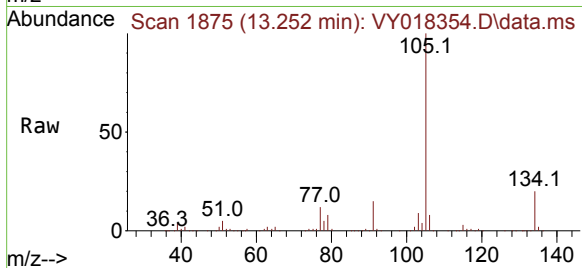
ClientSampleId :

Tgt Ion:105 Resp: 172280

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.168 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

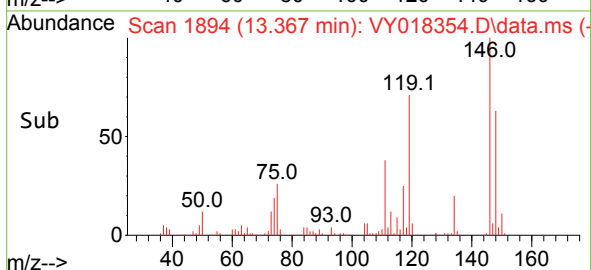
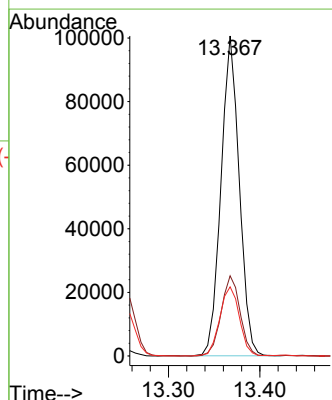
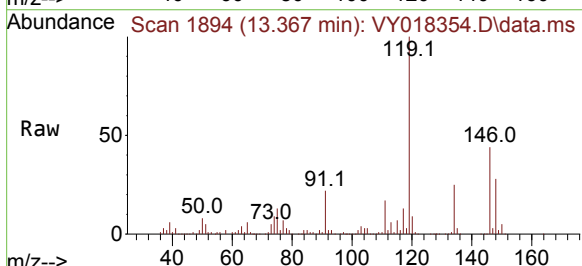
Tgt Ion:119 Resp: 139754

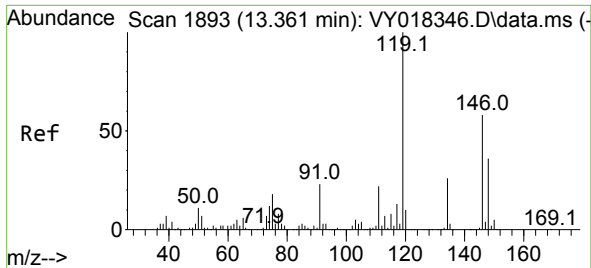
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.3 10.7 32.1

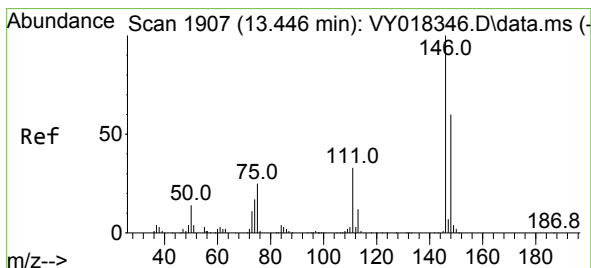
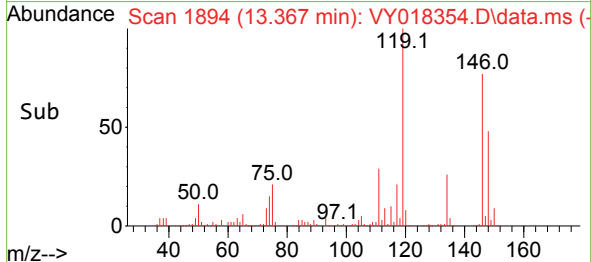
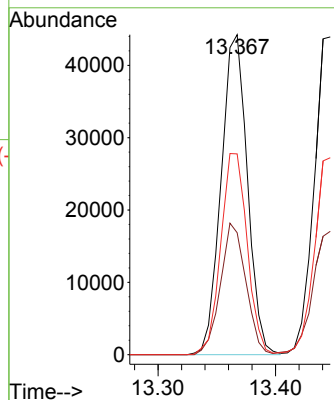
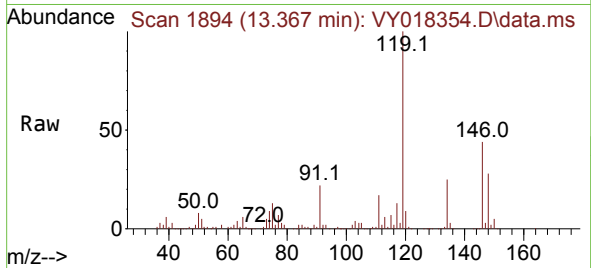




#87
 1,3-Dichlorobenzene
 Concen: 19.201 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY018354.D
 Acq: 23 May 2024 11:26

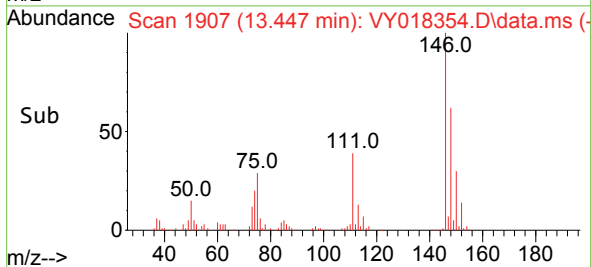
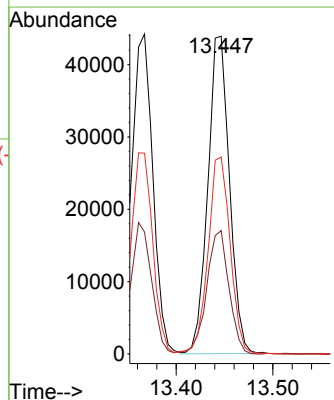
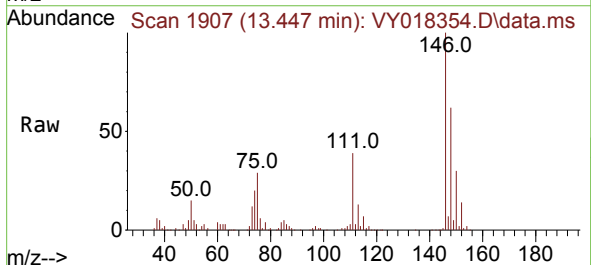
Instrument :
 MSVOA_Y
 ClientSampleId :

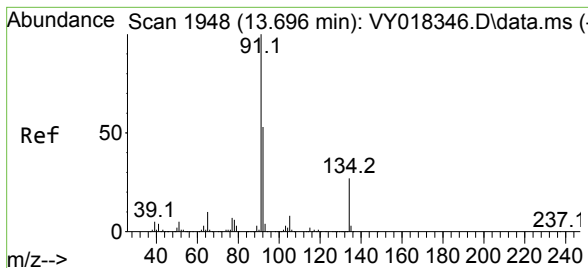
Tgt Ion:146 Resp: 68710
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.0 57.0
 148 63.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.180 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY018354.D
 Acq: 23 May 2024 11:26

Tgt Ion:146 Resp: 68311
 Ion Ratio Lower Upper
 146 100
 111 40.1 18.4 55.4
 148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 19.551 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

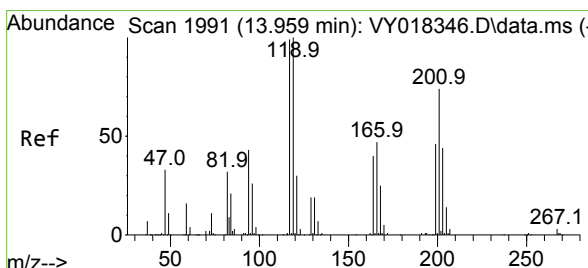
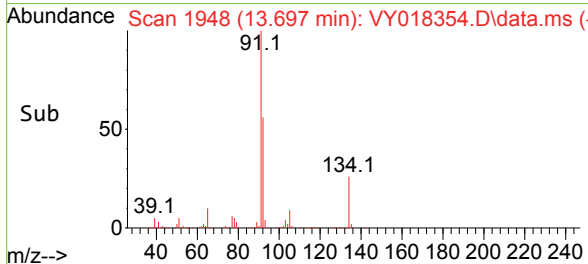
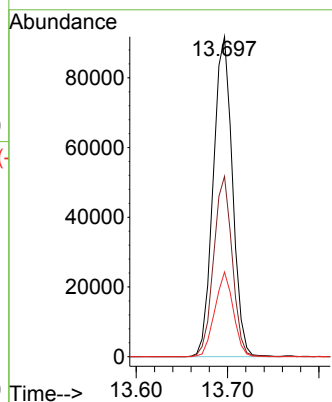
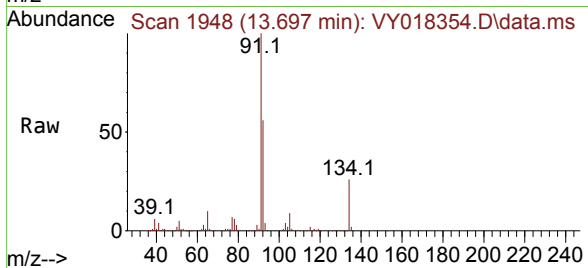
Tgt Ion: 91 Resp: 133956

Ion Ratio Lower Upper

91 100

92 54.5 26.6 79.7

134 25.5 12.9 38.7



#90

Hexachloroethane

Concen: 19.238 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018354.D

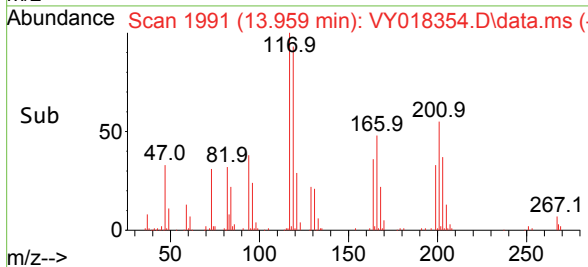
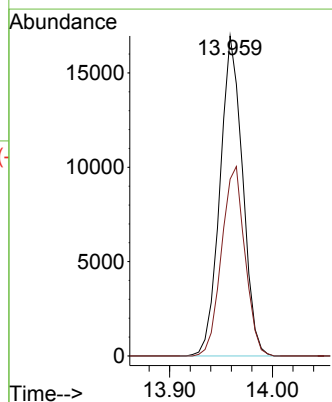
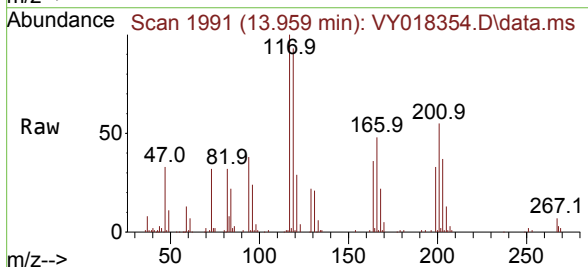
Acq: 23 May 2024 11:26

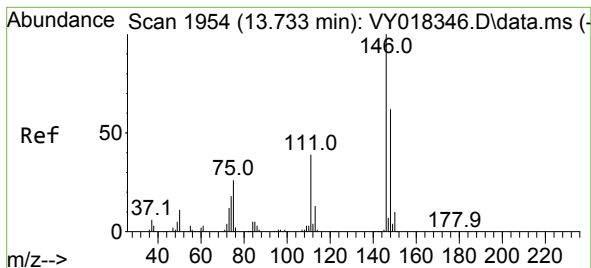
Tgt Ion: 117 Resp: 25902

Ion Ratio Lower Upper

117 100

201 61.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.710 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

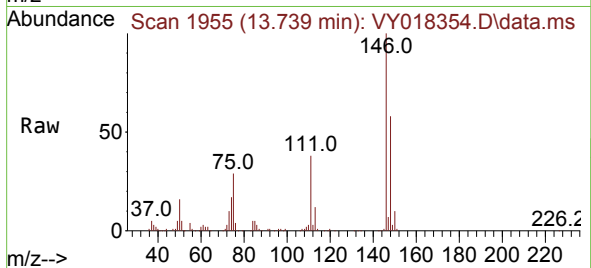
Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :



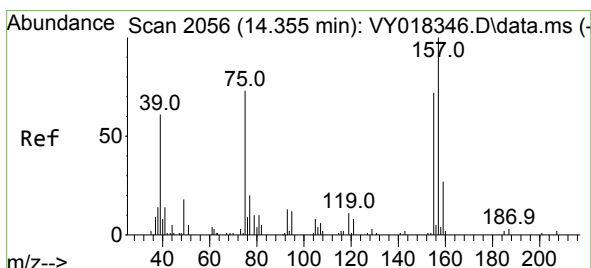
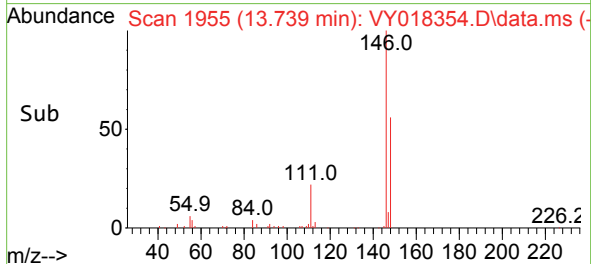
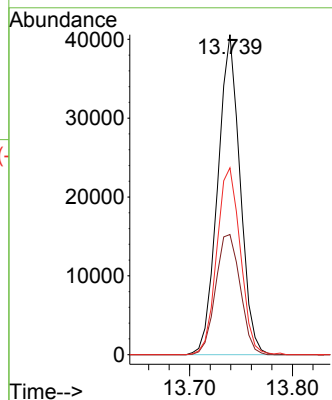
Tgt Ion:146 Resp: 61200

Ion Ratio Lower Upper

146 100

111 41.4 19.9 59.7

148 61.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.252 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

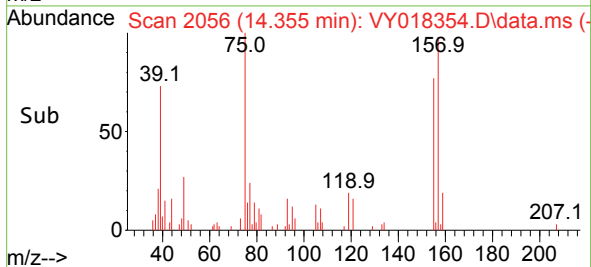
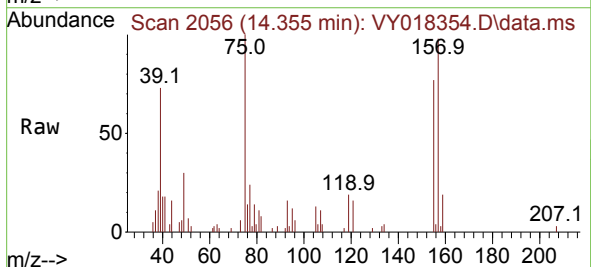
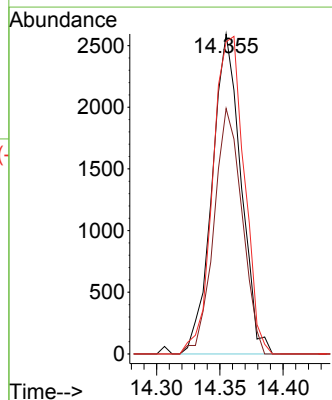
Tgt Ion: 75 Resp: 4121

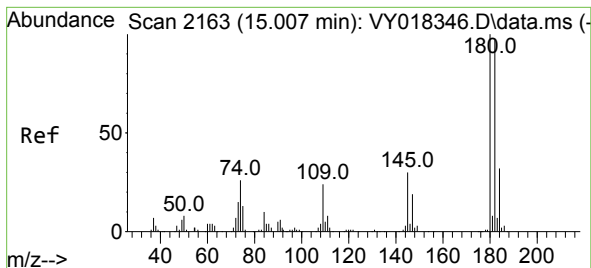
Ion Ratio Lower Upper

75 100

155 74.8 48.6 145.8

157 107.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.346 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

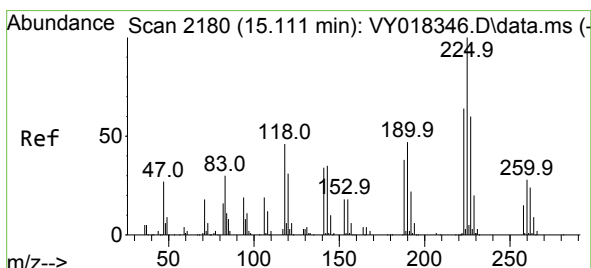
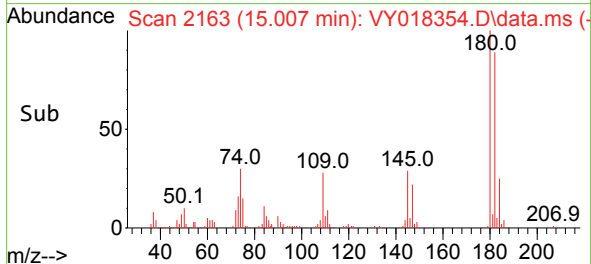
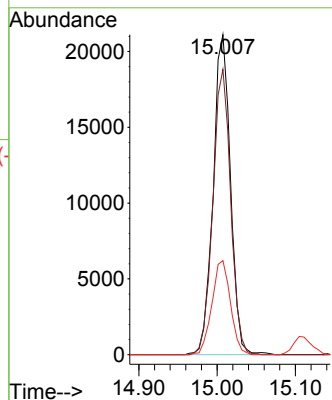
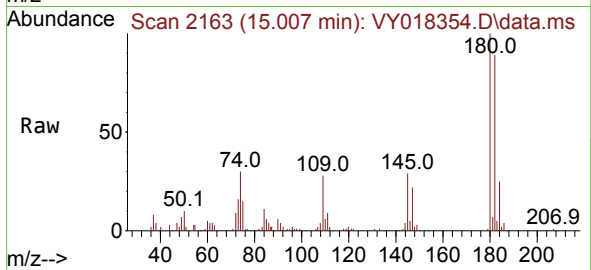
Tgt Ion:180 Resp: 32447

Ion Ratio Lower Upper

180 100

182 91.4 47.9 143.8

145 31.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.613 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

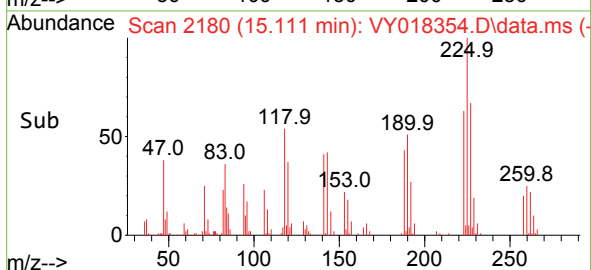
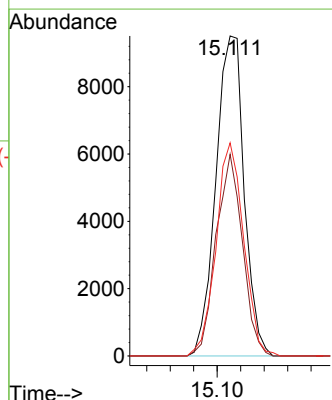
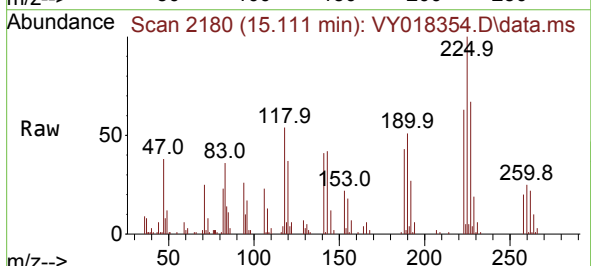
Tgt Ion:225 Resp: 15942

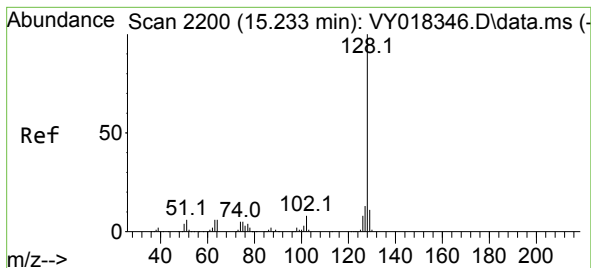
Ion Ratio Lower Upper

225 100

223 58.5 30.4 91.2

227 64.8 31.9 95.9





#95

Naphthalene

Concen: 18.256 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018354.D

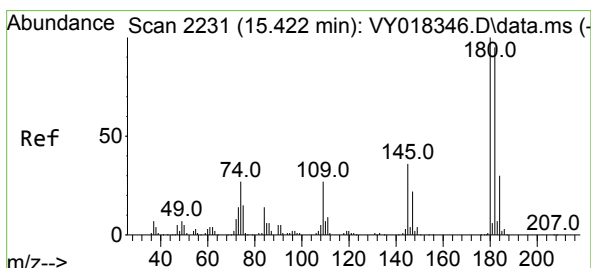
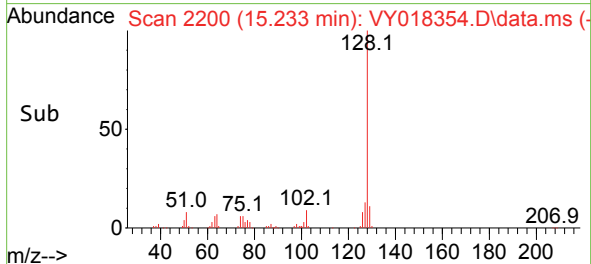
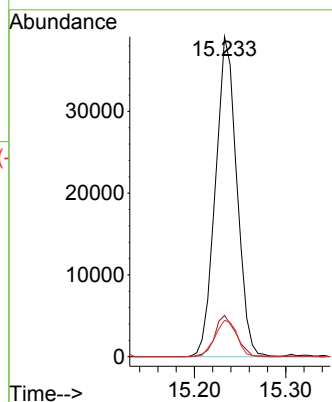
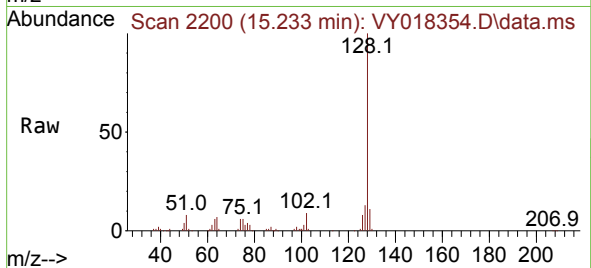
Acq: 23 May 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	63493
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.6 16.0
129	11.8	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.697 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018354.D

Acq: 23 May 2024 11:26

Tgt Ion:180	Resp:	26611
Ion Ratio	Lower	Upper
180	100	
182	95.7	47.6 142.9
145	34.4	15.4 46.1

