

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016999.D
 Acq On : 12 Jan 2024 17:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:08:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	53871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	93104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	82254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	38813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55503	104.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 208.480%#	
35) Dibromofluoromethane	7.734	113	58685	98.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 197.820%#	
50) Toluene-d8	10.191	98	199076	97.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 194.880%#	
62) 4-Bromofluorobenzene	12.489	95	70436	102.187	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 204.380%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	31450	81.882	ug/l	90
3) Chloromethane	2.119	50	59285	93.682	ug/l	98
4) Vinyl Chloride	2.259	62	68168	91.322	ug/l	98
5) Bromomethane	2.662	94	55226	103.272	ug/l	96
6) Chloroethane	2.808	64	49821	98.667	ug/l	100
7) Trichlorofluoromethane	3.137	101	83402	90.680	ug/l	98
8) Diethyl Ether	3.540	74	31137	105.934	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	53588	89.609	ug/l	100
10) Methyl Iodide	4.100	142	46433	91.267	ug/l	100
11) Tert butyl alcohol	4.972	59	25828	730.650	ug/l	98
12) 1,1-Dichloroethene	3.887	96	46551	90.725	ug/l	98
13) Acrolein	3.741	56	23329	406.719	ug/l	100
14) Allyl chloride	4.497	41	77712	95.804	ug/l	98
15) Acrylonitrile	5.180	53	75945	552.389	ug/l	99
16) Acetone	3.960	43	68524	551.273	ug/l	99
17) Carbon Disulfide	4.210	76	97112	79.210	ug/l	100
18) Methyl Acetate	4.491	43	74313	130.273	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	155227	116.283	ug/l	99
20) Methylene Chloride	4.735	84	64509	108.837	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	55647	94.693	ug/l	97
22) Diisopropyl ether	6.137	45	199012	106.122	ug/l	96
23) Vinyl Acetate	6.076	43	445327	517.899	ug/l	99
24) 1,1-Dichloroethane	6.039	63	112802	100.096	ug/l	98
25) 2-Butanone	7.002	43	102017	574.034	ug/l	94
26) 2,2-Dichloropropane	6.996	77	93861	96.061	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	71990	104.504	ug/l	99
28) Bromochloromethane	7.350	49	48297	114.158	ug/l	98
29) Tetrahydrofuran	7.362	42	61532	570.989	ug/l	99
30) Chloroform	7.521	83	120467	103.733	ug/l	98
31) Cyclohexane	7.801	56	74457	81.477	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	98184	99.711	ug/l	99
36) 1,1-Dichloropropene	7.935	75	78277	90.531	ug/l	98
37) Ethyl Acetate	7.088	43	42502	108.168	ug/l	99
38) Carbon Tetrachloride	7.917	117	82941	94.416	ug/l	97
39) Methylcyclohexane	9.197	83	87216	89.727	ug/l	98
40) Benzene	8.173	78	247128	95.279	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	24294	117.396	ug/l	96
42) 1,2-Dichloroethane	8.252	62	71834	104.323	ug/l	100
43) Isopropyl Acetate	8.289	43	84787	112.682	ug/l	99
44) Trichloroethene	8.953	130	64035	97.023	ug/l	99
45) 1,2-Dichloropropane	9.228	63	66924	100.154	ug/l	99
46) Dibromomethane	9.319	93	36135	106.033	ug/l	99
47) Bromodichloromethane	9.508	83	96065	104.975	ug/l	96
48) Methyl methacrylate	9.307	41	45996	113.269	ug/l	92
49) 1,4-Dioxane	9.313	88	8635	2447.142	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	238898	596.997	ug/l	99
52) Toluene	10.258	92	156704	100.109	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	88396	107.839	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	102382	104.004	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	54124	108.712	ug/l	99
56) Ethyl methacrylate	10.520	69	50896	120.694	ug/l	100
57) 1,3-Dichloropropane	10.801	76	88816	106.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	140973	511.643	ug/l	99
59) 2-Hexanone	10.843	43	164513	558.325	ug/l	99
60) Dibromochloromethane	10.996	129	62827	109.427	ug/l	99
61) 1,2-Dibromoethane	11.099	107	48102	111.202	ug/l	99
64) Tetrachloroethene	10.727	164	51719	96.985	ug/l	98
65) Chlorobenzene	11.526	112	167702	97.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	66527	102.134	ug/l	99
67) Ethyl Benzene	11.605	91	306343	99.304	ug/l	99
68) m/p-Xylenes	11.715	106	226127	199.698	ug/l	99
69) o-Xylene	12.038	106	109473	103.126	ug/l	100
70) Styrene	12.050	104	163983	106.139	ug/l	99
71) Bromoform	12.215	173	36044	112.405	ug/l #	100
73) Isopropylbenzene	12.337	105	297445	93.846	ug/l	100
74) N-amyl acetate	12.154	43	67817	106.497	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	65593	101.569	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	75684	179.690	ug/l #	100
77) Bromobenzene	12.617	156	67371	96.544	ug/l	96
78) n-propylbenzene	12.678	91	356159	92.432	ug/l	100
79) 2-Chlorotoluene	12.764	91	199345	93.297	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	239328	95.476	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	18082	97.485	ug/l	98
82) 4-Chlorotoluene	12.861	91	206163	94.444	ug/l	99
83) tert-Butylbenzene	13.087	119	219722	99.519	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	240785	97.539	ug/l	99
85) sec-Butylbenzene	13.263	105	311017	95.070	ug/l	100
86) p-Isopropyltoluene	13.379	119	261884	96.996	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	128317	93.759	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	126772	94.706	ug/l	100
89) n-Butylbenzene	13.702	91	247774	95.448	ug/l	99
90) Hexachloroethane	13.971	117	53561	92.320	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	113738	96.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8699	107.419	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	61692	105.041	ug/l	98
94) Hexachlorobutadiene	15.123	225	32523	88.396	ug/l	99
95) Naphthalene	15.245	128	377861	243.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	53538	107.358	ug/l	97

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QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

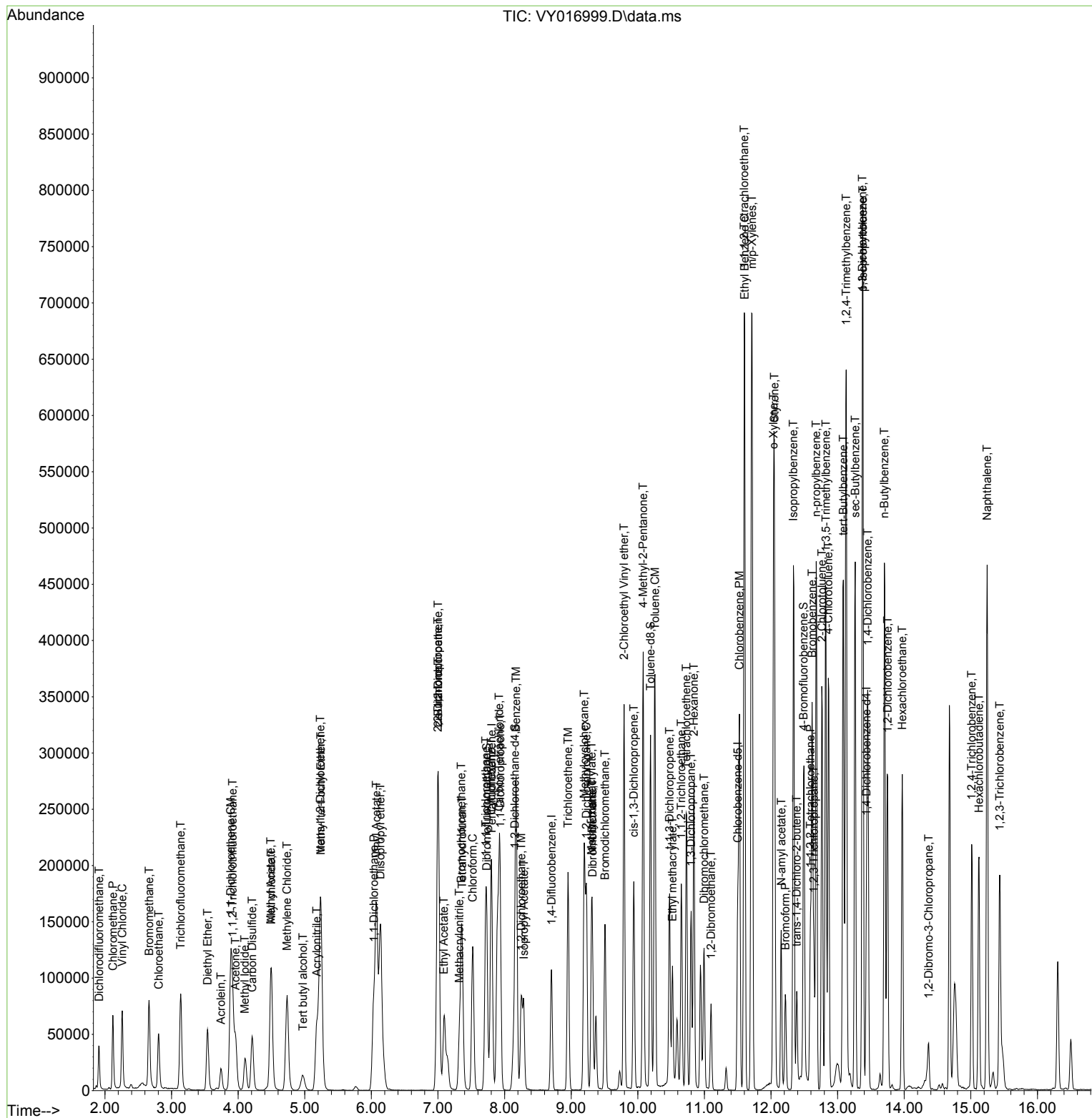
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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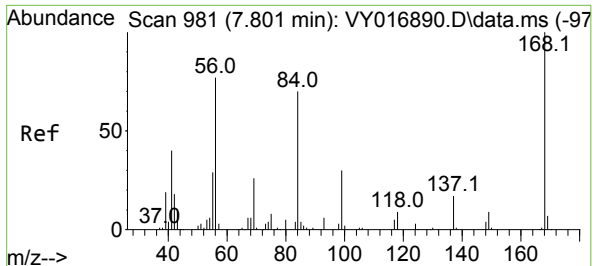
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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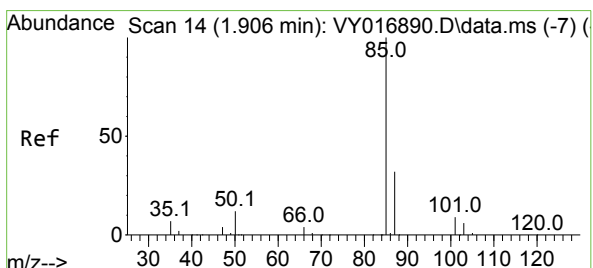
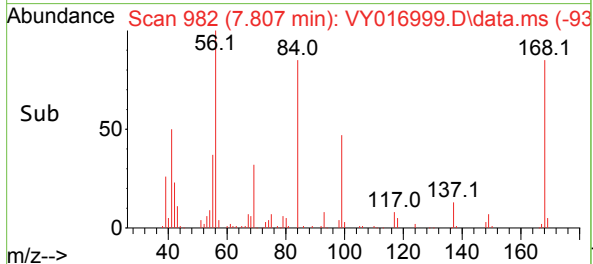
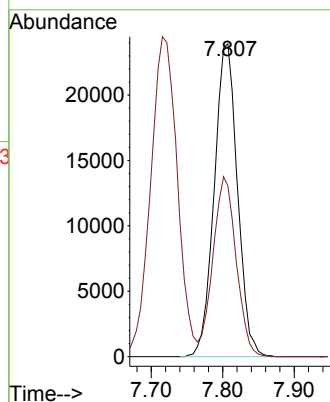
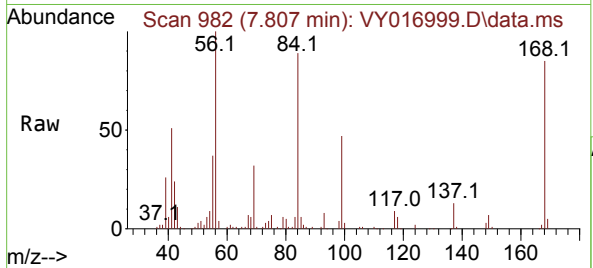




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY016999.D
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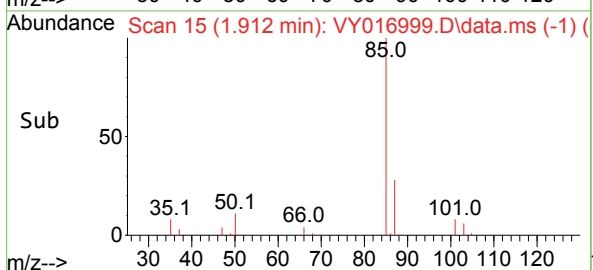
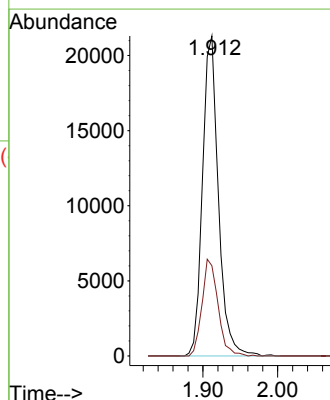
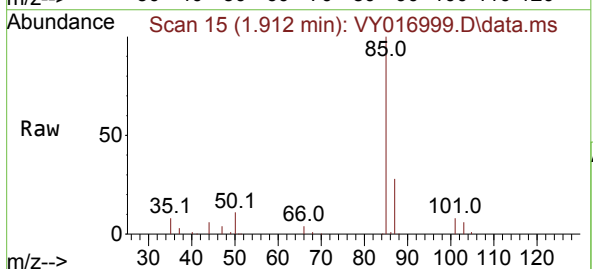
Instrument :
MSVOA_Y
ClientSampleId :

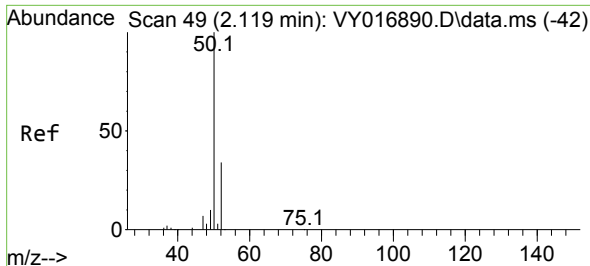
Tgt Ion:168 Resp: 53871
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 81.882 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 85 Resp: 31450
Ion Ratio Lower Upper
85 100
87 28.2 17.1 51.3

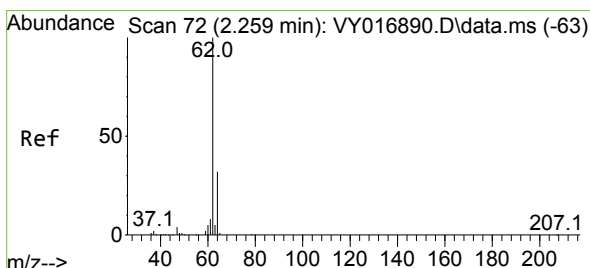
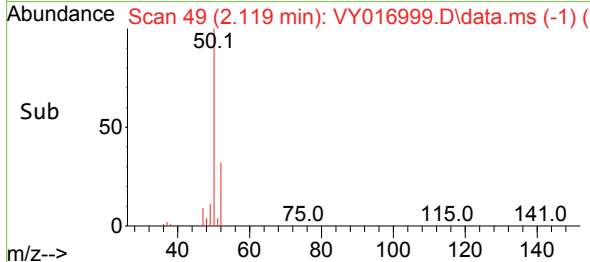
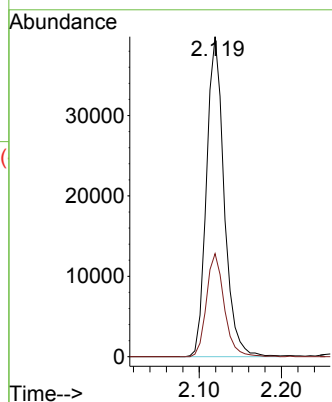
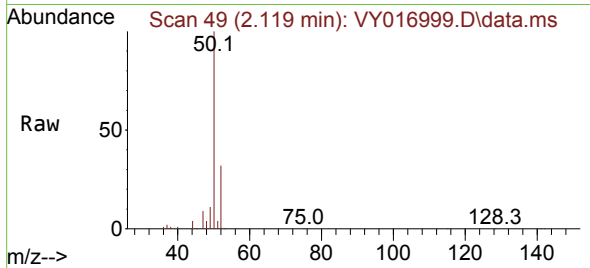




#3
Chloromethane
Concen: 93.682 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

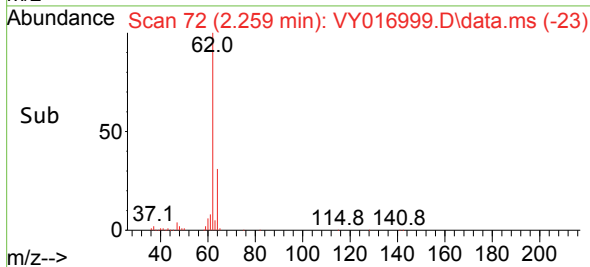
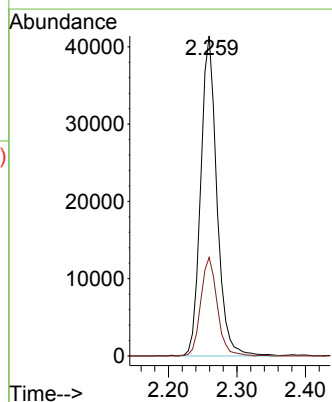
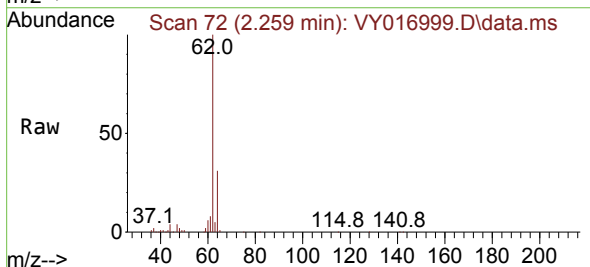
Instrument :
MSVOA_Y
ClientSampleId :

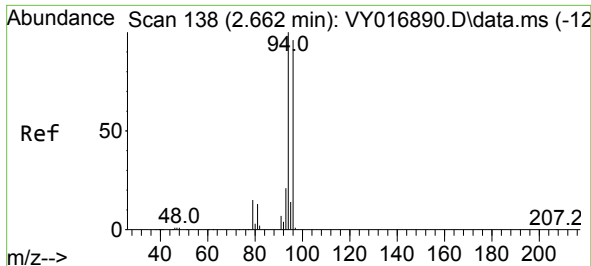
Tgt Ion: 50 Resp: 59285
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1



#4
Vinyl Chloride
Concen: 91.322 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016999.D
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Tgt Ion: 62 Resp: 68168
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5

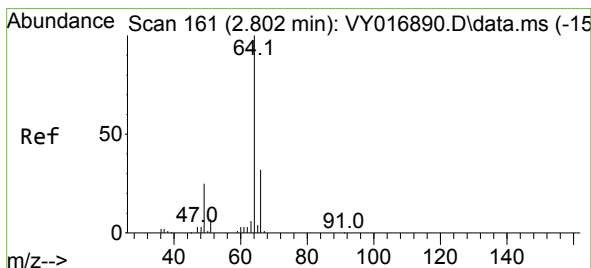
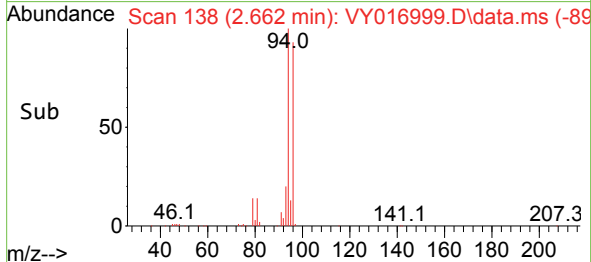
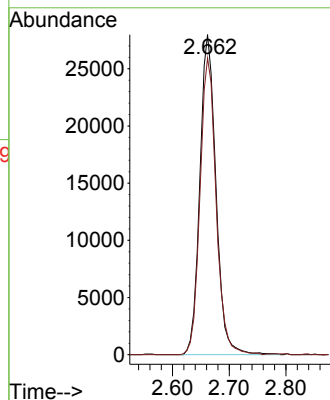
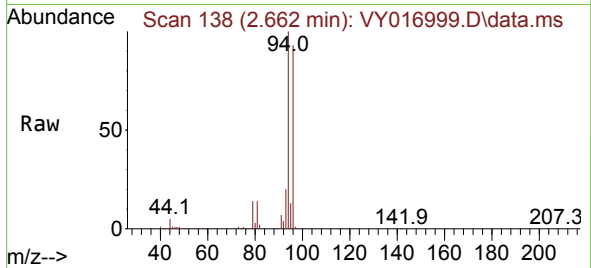




#5
Bromomethane
Concen: 103.272 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016999.D
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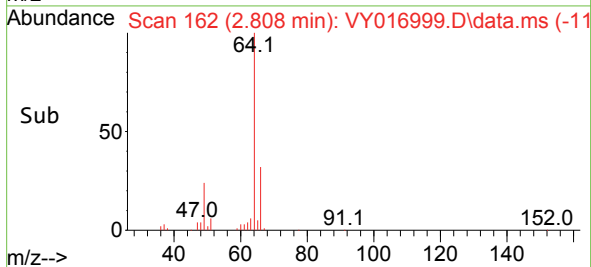
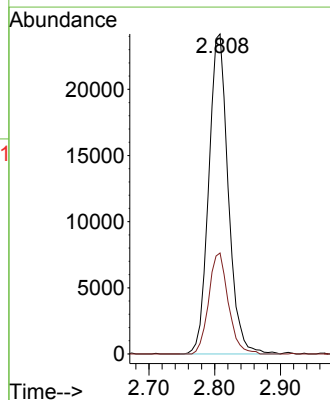
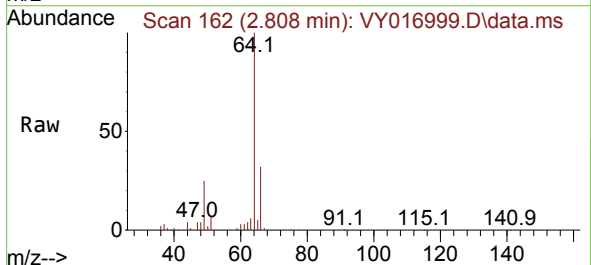
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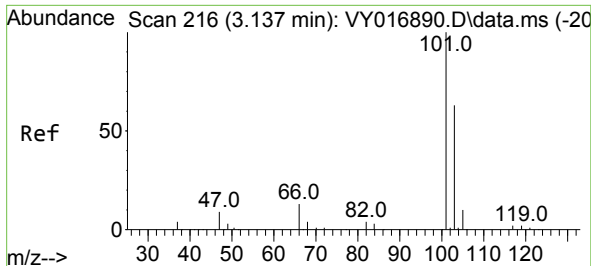
Tgt Ion: 94 Resp: 55226
Ion Ratio Lower Upper
94 100
96 92.7 77.3 115.9



#6
Chloroethane
Concen: 98.667 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY016999.D
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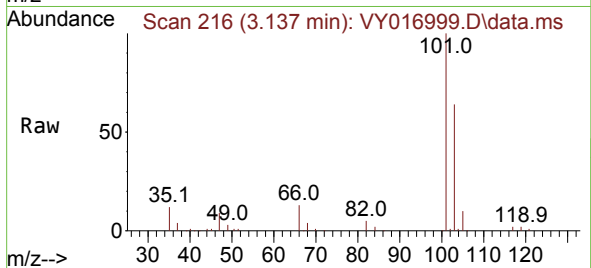
Tgt Ion: 64 Resp: 49821
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7



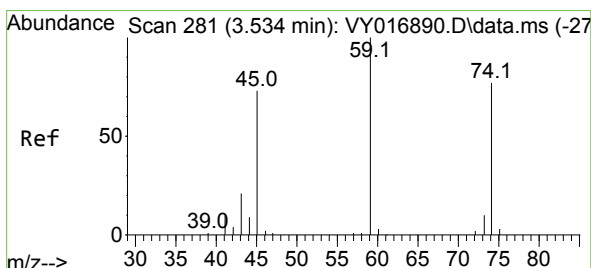
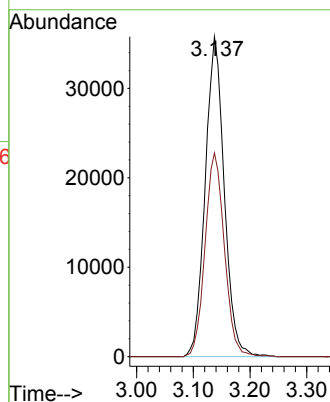
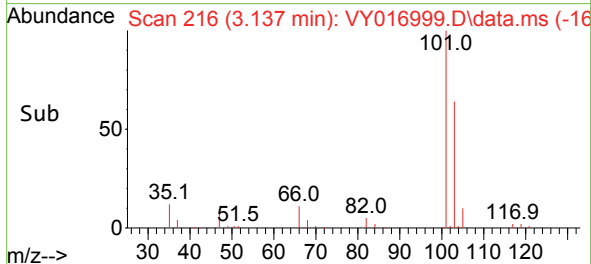


#7
Trichlorofluoromethane
Concen: 90.680 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY016999.D
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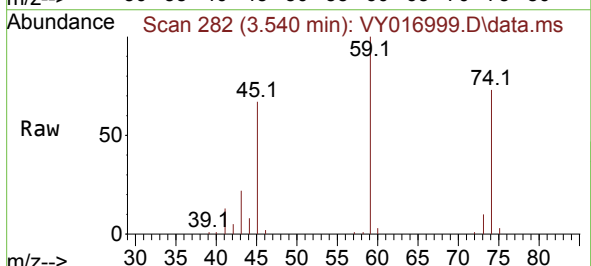
Instrument :
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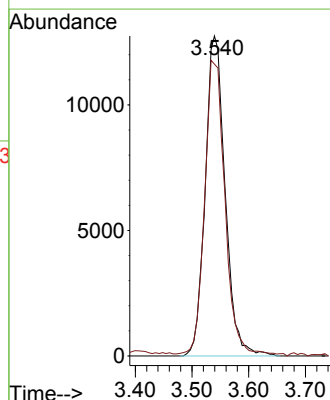
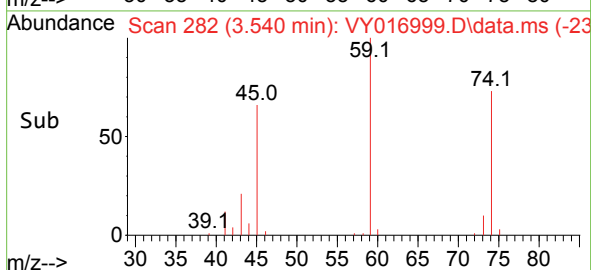
Tgt Ion:101 Resp: 83402
Ion Ratio Lower Upper
101 100
103 63.6 51.9 77.9

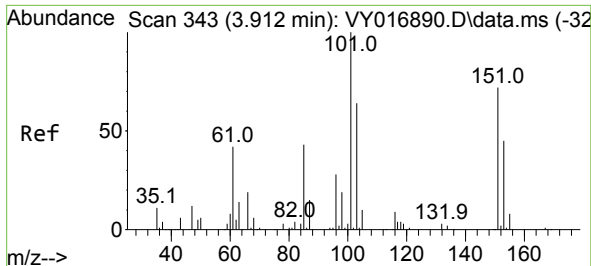


#8
Diethyl Ether
Concen: 105.934 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 31137
Ion Ratio Lower Upper
74 100
45 95.3 47.9 143.7

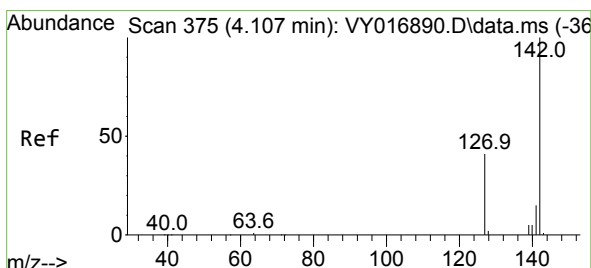
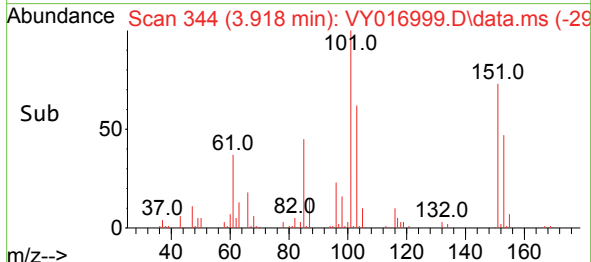
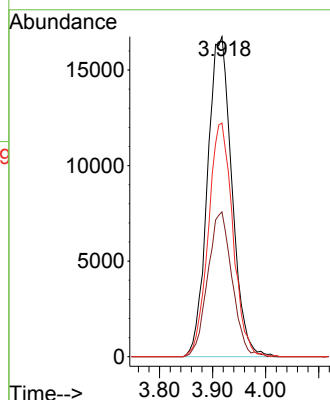
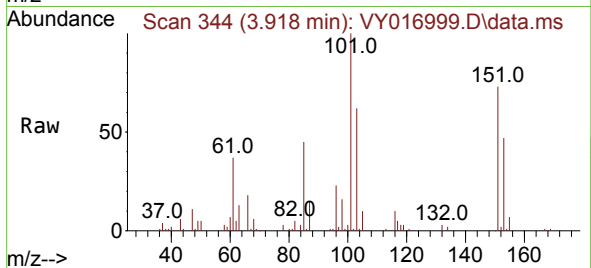




#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.609 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.007 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

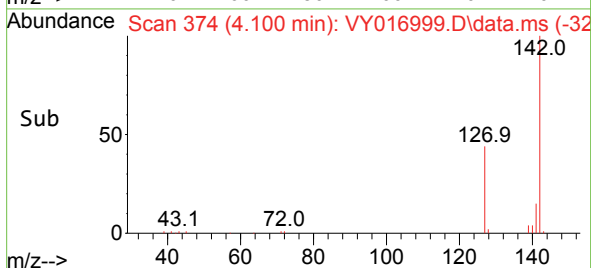
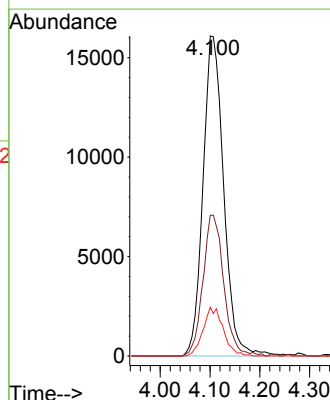
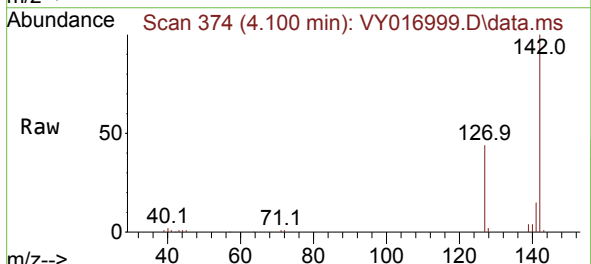
Instrument :
MSVOA_Y
ClientSampleId :

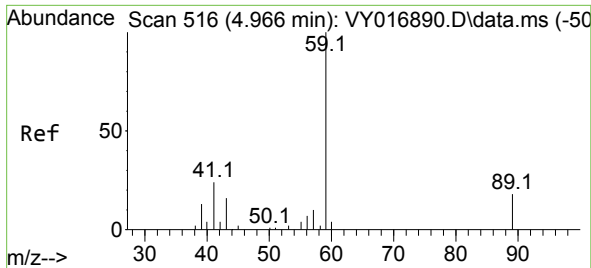
Tgt Ion:101 Resp: 53588
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 73.1 58.6 88.0



#10
Methyl Iodide
Concen: 91.267 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion:142 Resp: 46433
Ion Ratio Lower Upper
142 100
127 44.1 35.1 52.7
141 14.8 11.8 17.6

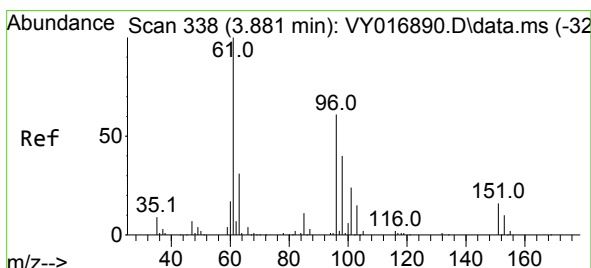
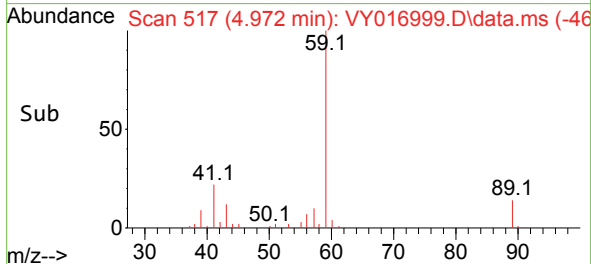
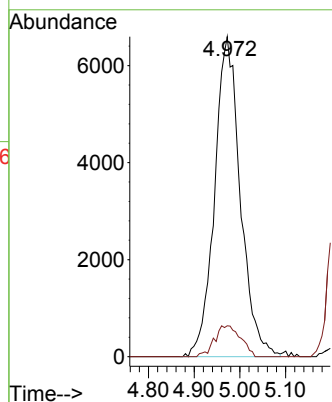
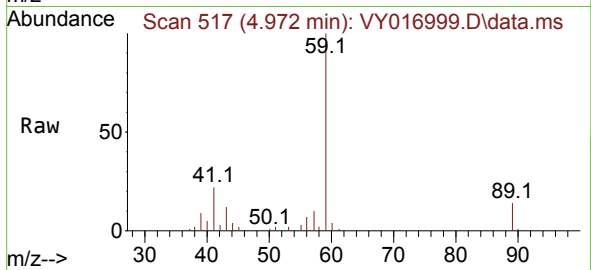




#11
Tert butyl alcohol
Concen: 730.650 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

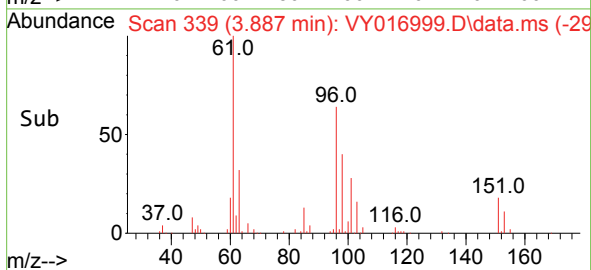
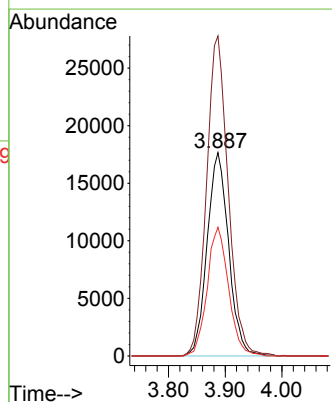
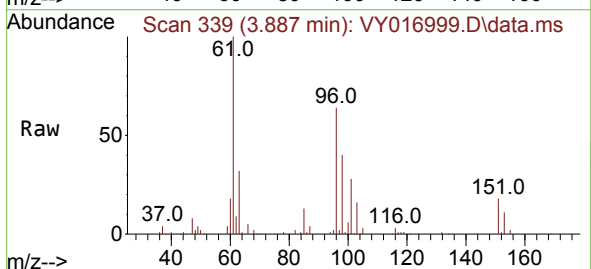
Instrument :
MSVOA_Y
ClientSampleId :

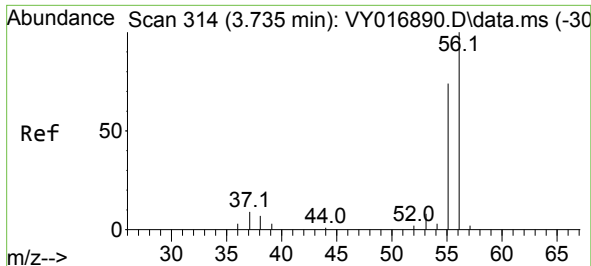
Tgt Ion: 59 Resp: 25828
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 90.725 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 96 Resp: 46551
Ion Ratio Lower Upper
96 100
61 157.3 124.2 186.2
98 63.3 52.6 79.0





#13

Acrolein

Concen: 406.719 ug/l

RT: 3.741 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

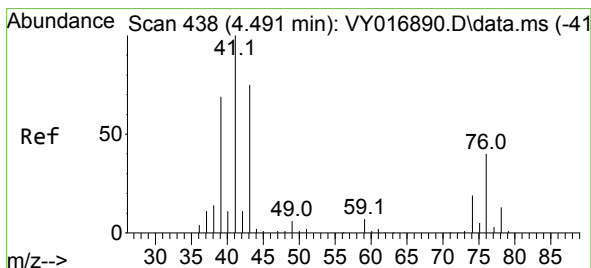
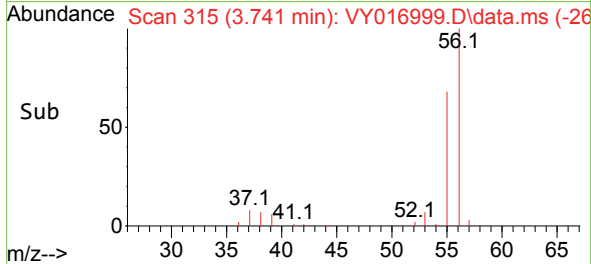
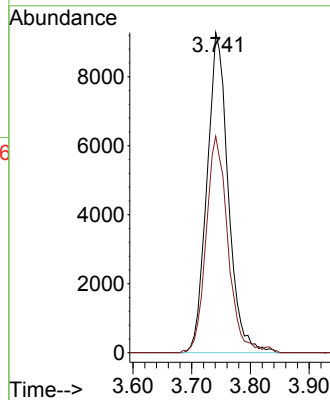
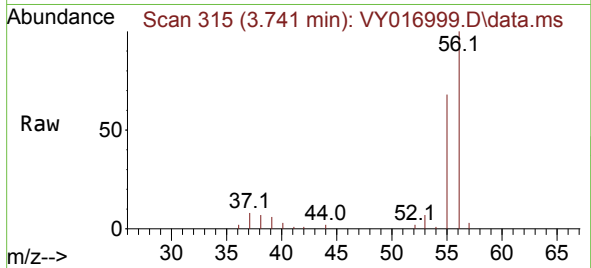
ClientSampleId :

Tgt Ion: 56 Resp: 23329

Ion Ratio Lower Upper

56 100

55 68.9 55.4 83.0



#14

Allyl chloride

Concen: 95.804 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

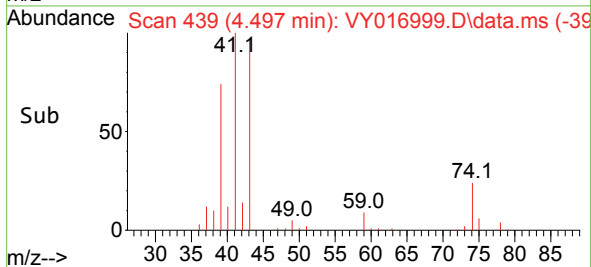
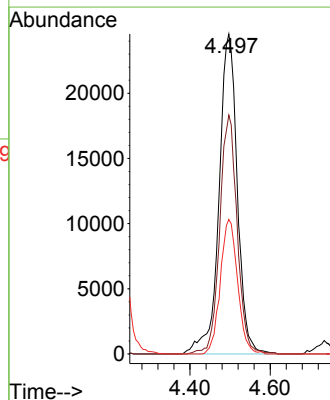
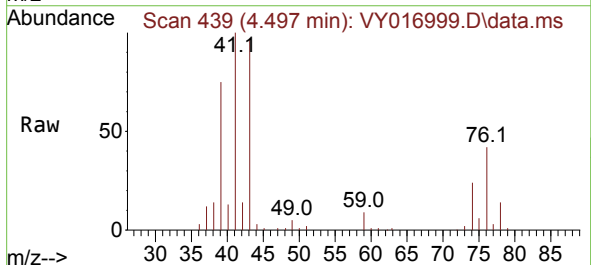
Tgt Ion: 41 Resp: 77712

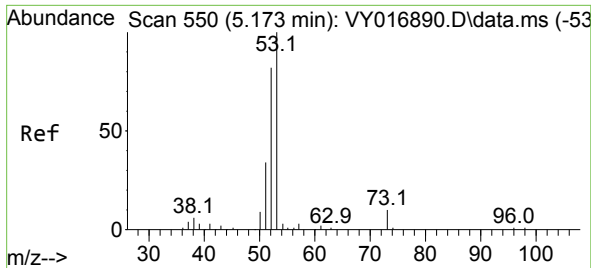
Ion Ratio Lower Upper

41 100

39 71.2 54.7 82.1

76 39.8 31.8 47.6

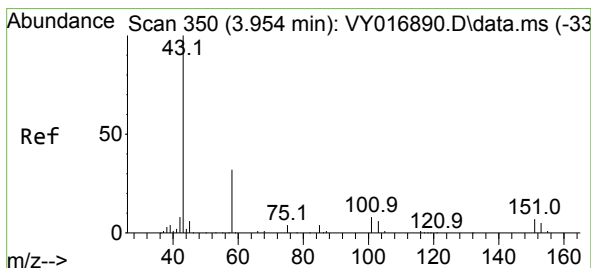
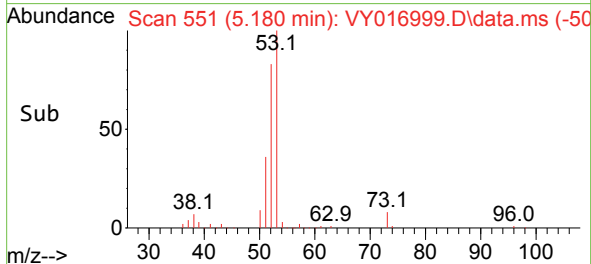
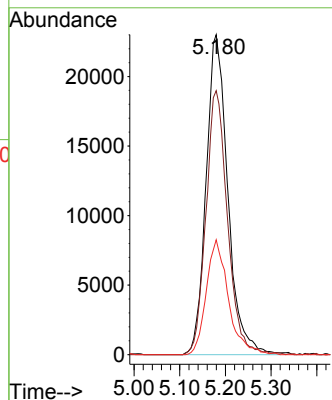
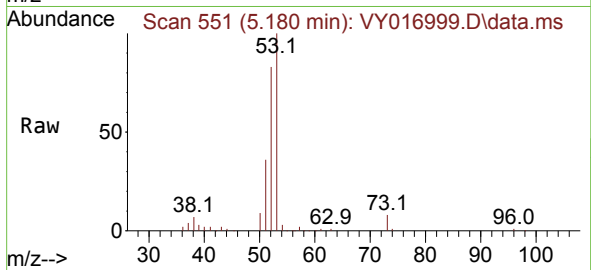




#15
Acrylonitrile
Concen: 552.389 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

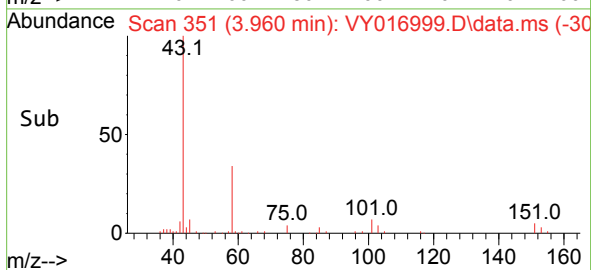
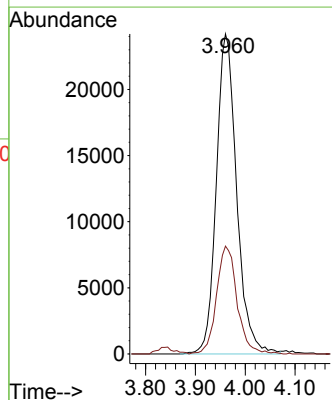
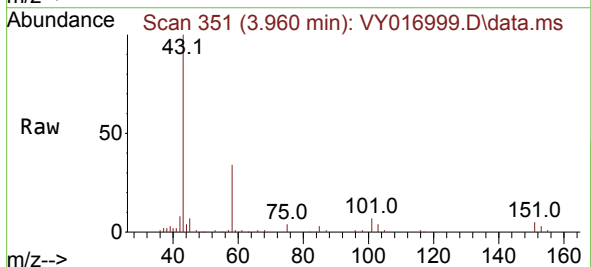
Instrument :
MSVOA_Y
ClientSampleId :

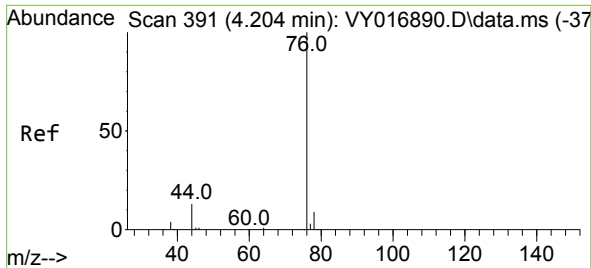
Tgt Ion: 53 Resp: 75945
Ion Ratio Lower Upper
53 100
52 81.9 65.1 97.7
51 36.6 29.0 43.4



#16
Acetone
Concen: 551.273 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 43 Resp: 68524
Ion Ratio Lower Upper
43 100
58 33.5 26.6 39.8





#17

Carbon Disulfide

Concen: 79.210 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

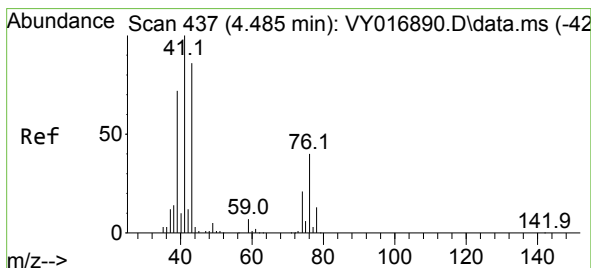
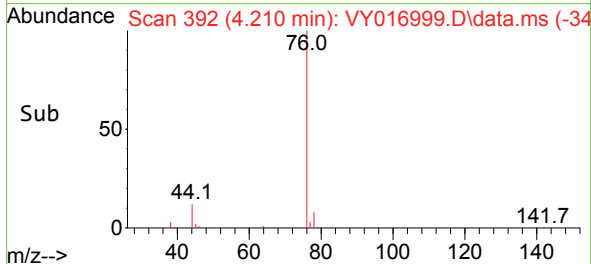
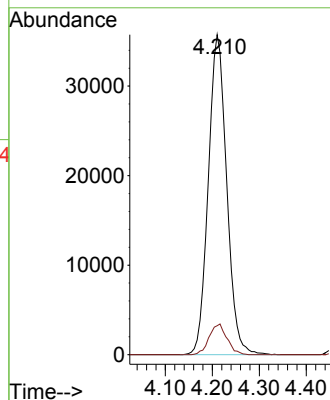
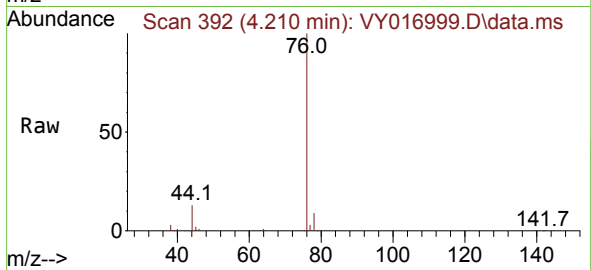
ClientSampleId :

Tgt Ion: 76 Resp: 97112

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 130.273 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016999.D

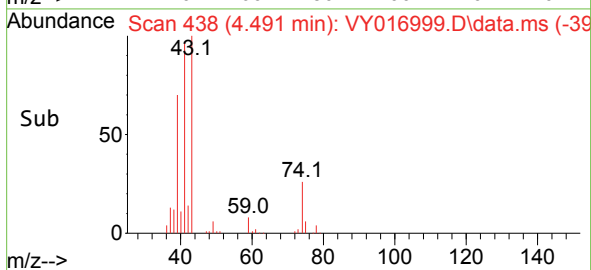
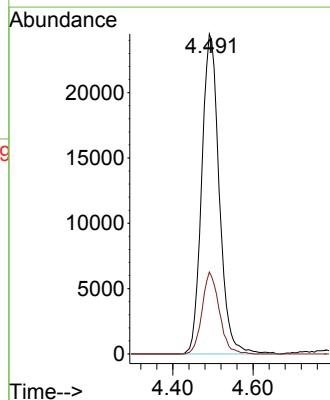
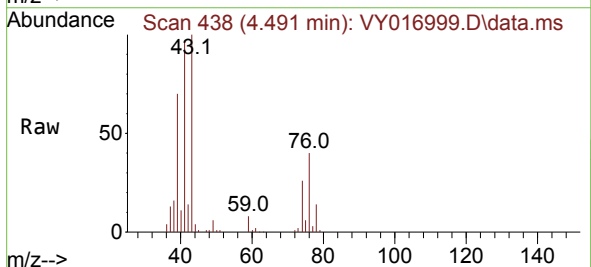
Acq: 12 Jan 2024 17:41

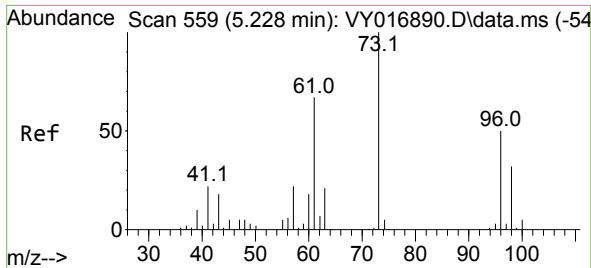
Tgt Ion: 43 Resp: 74313

Ion Ratio Lower Upper

43 100

74 25.1 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 116.283 ug/l

RT: 5.241 min Scan# 5

Delta R.T. 0.007 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

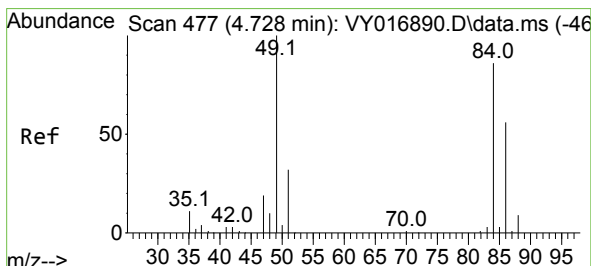
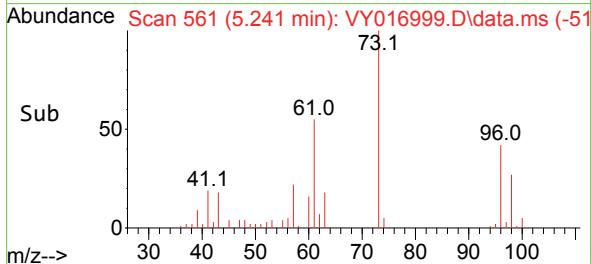
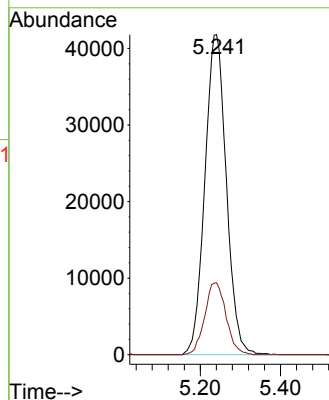
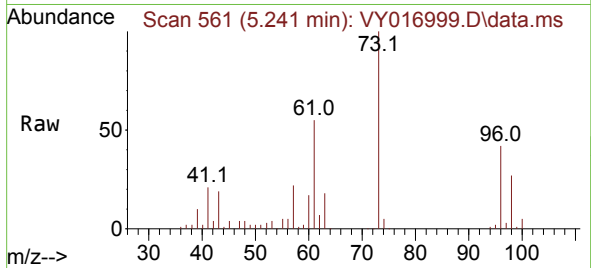
ClientSampleId :

Tgt Ion: 73 Resp: 155227

Ion Ratio Lower Upper

73 100

57 22.5 17.7 26.5



#20

Methylene Chloride

Concen: 108.837 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.001 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Tgt Ion: 84 Resp: 64509

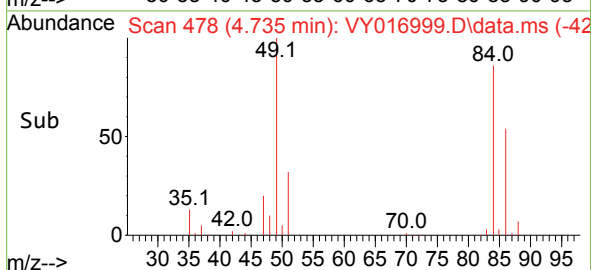
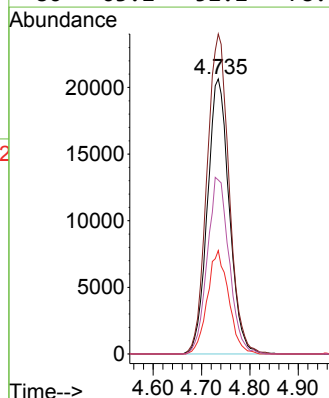
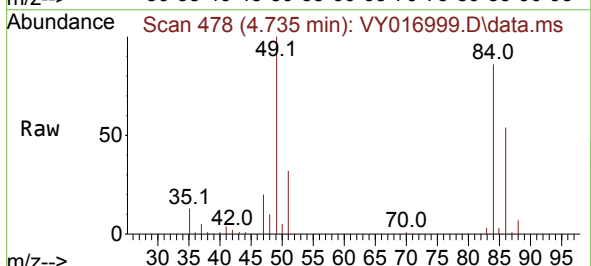
Ion Ratio Lower Upper

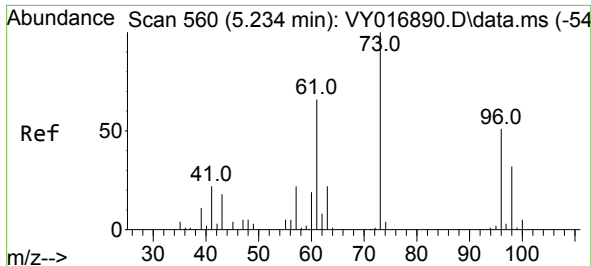
84 100

49 116.3 95.2 142.8

51 37.6 29.9 44.9

86 63.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 94.693 ug/l

RT: 5.234 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

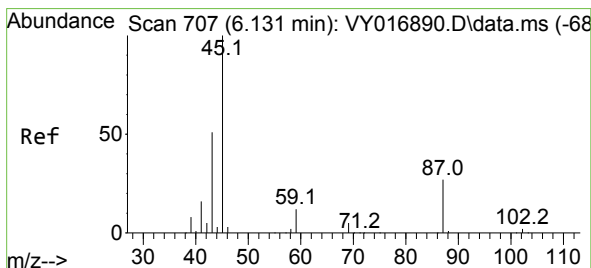
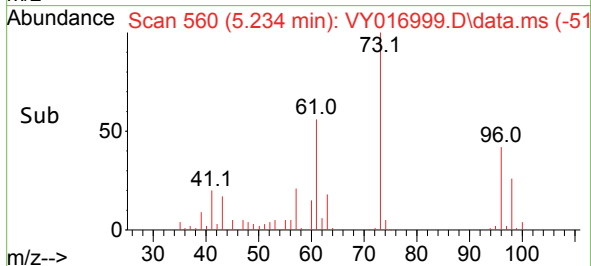
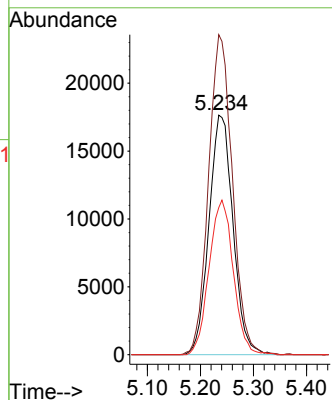
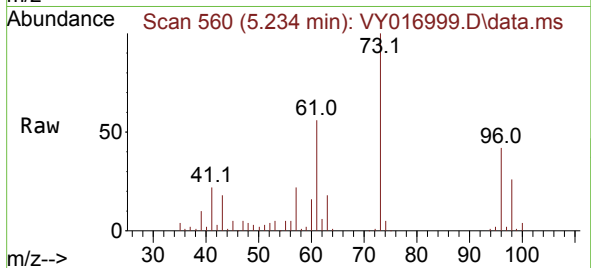
Tgt Ion: 96 Resp: 55647

Ion Ratio Lower Upper

96 100

61 133.6 104.6 156.8

98 61.4 50.9 76.3



#22

Diisopropyl ether

Concen: 106.122 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Tgt Ion: 45 Resp: 199012

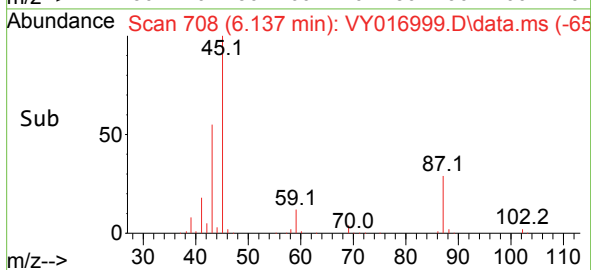
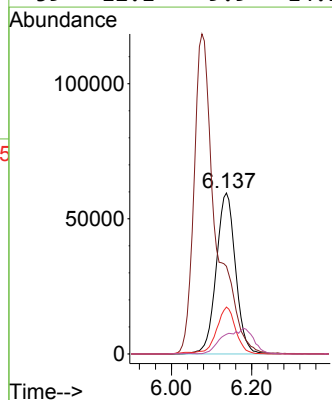
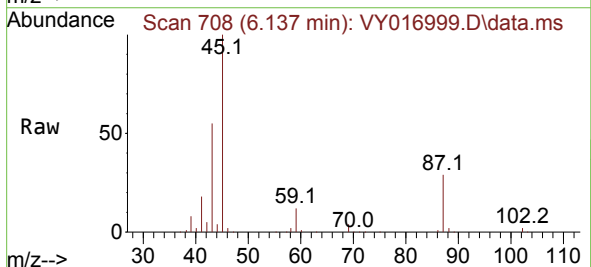
Ion Ratio Lower Upper

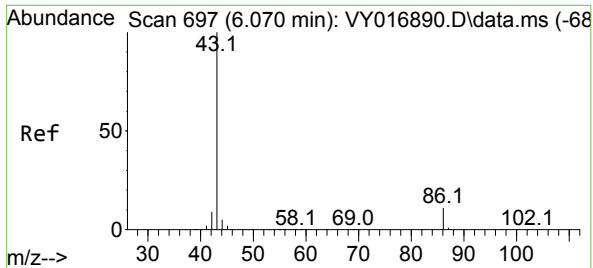
45 100

43 54.1 46.8 70.2

87 29.2 22.2 33.2

59 12.1 9.9 14.9

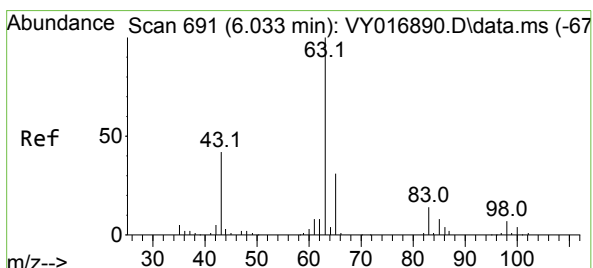
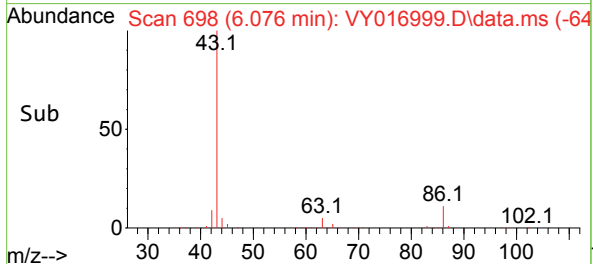
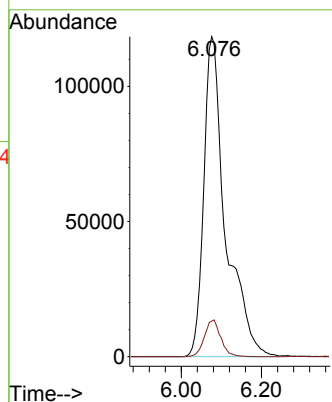
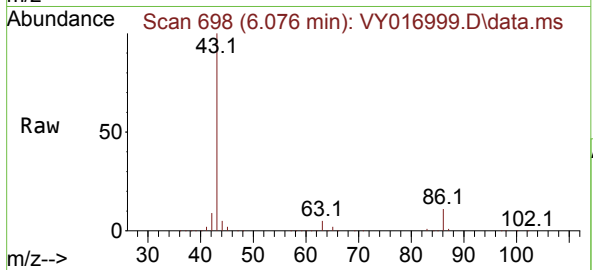




#23
 Vinyl Acetate
 Concen: 517.899 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016999.D
 Acq: 12 Jan 2024 17:41

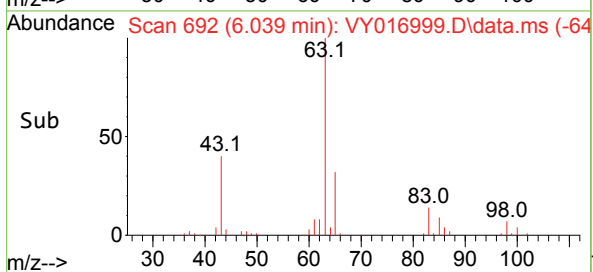
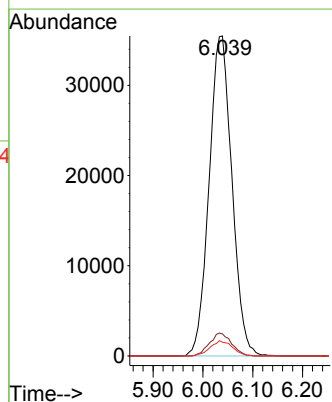
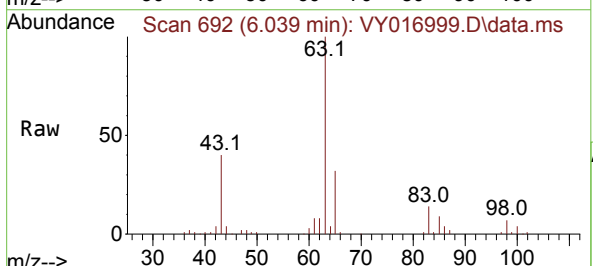
Instrument :
 MSVOA_Y
 ClientSampleId :

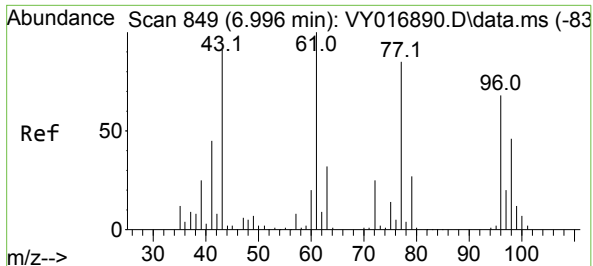
Tgt Ion: 43 Resp: 445327
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 100.096 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016999.D
 Acq: 12 Jan 2024 17:41

Tgt Ion: 63 Resp: 112802
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 574.034 ug/l

RT: 7.002 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

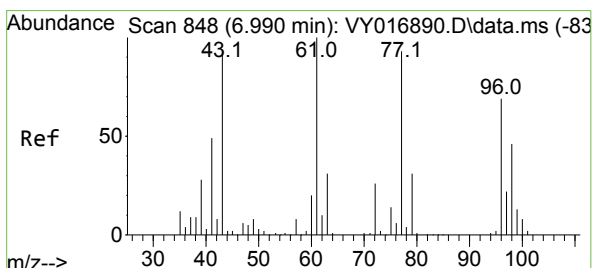
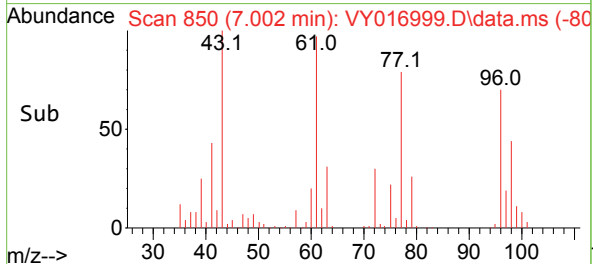
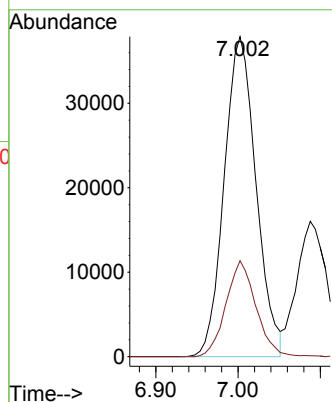
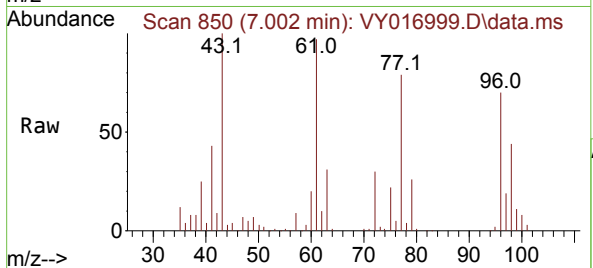
ClientSampleId :

Tgt Ion: 43 Resp: 102017

Ion Ratio Lower Upper

43 100

72 30.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 96.061 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016999.D

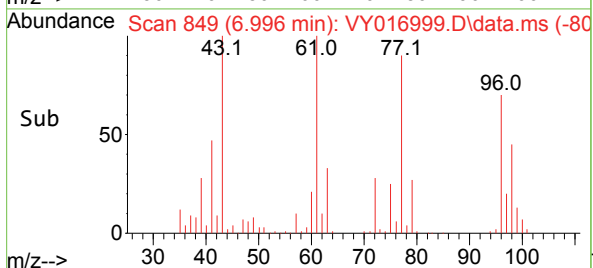
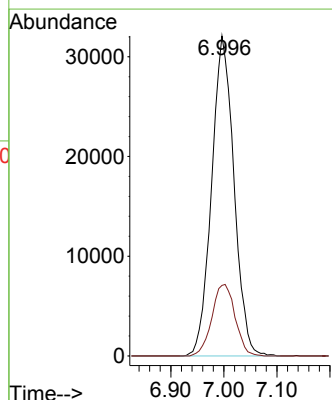
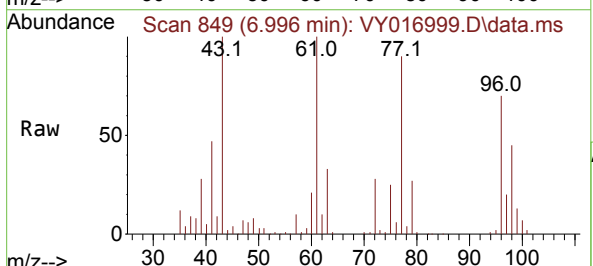
Acq: 12 Jan 2024 17:41

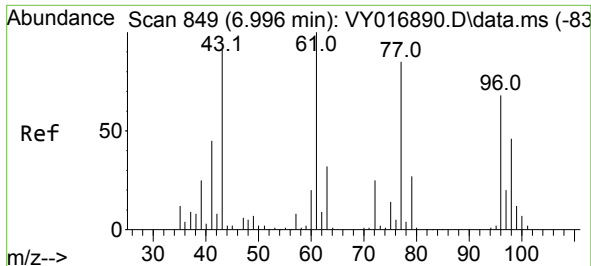
Tgt Ion: 77 Resp: 93861

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0

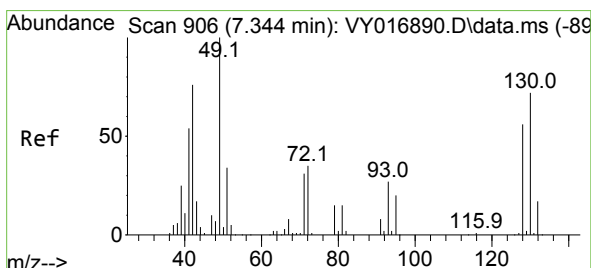
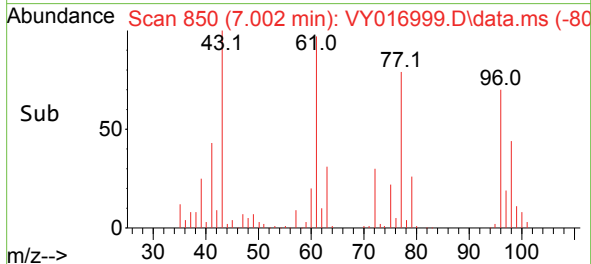
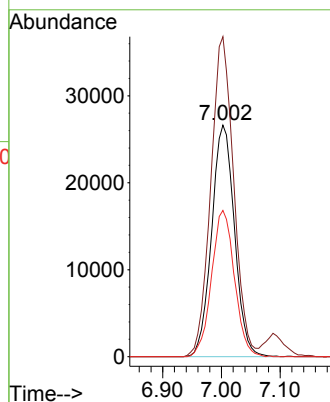
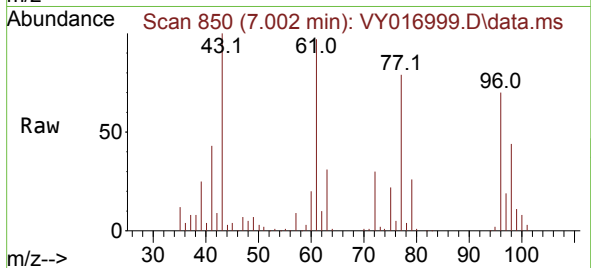




#27
cis-1,2-Dichloroethene
Concen: 104.504 ug/l
RT: 7.002 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

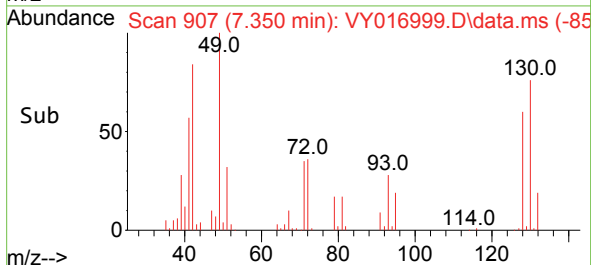
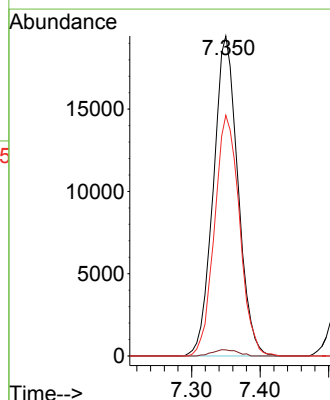
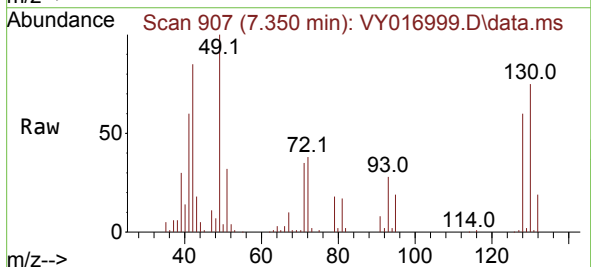
Instrument :
MSVOA_Y
ClientSampleId :

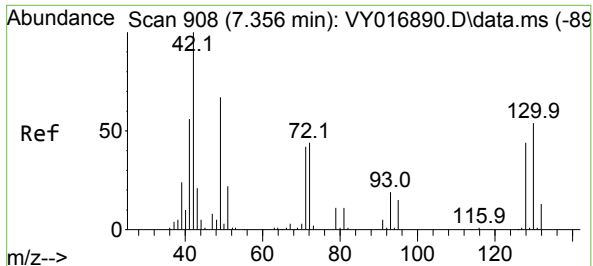
Tgt Ion: 96 Resp: 71990
Ion Ratio Lower Upper
96 100
61 138.7 0.0 278.8
98 63.3 0.0 127.0



#28
Bromochloromethane
Concen: 114.158 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 49 Resp: 48297
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 76.7 59.8 89.8





#29

Tetrahydrofuran

Concen: 570.989 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

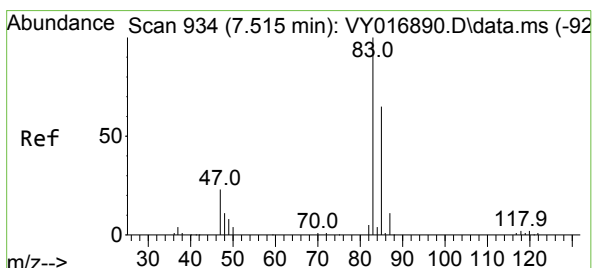
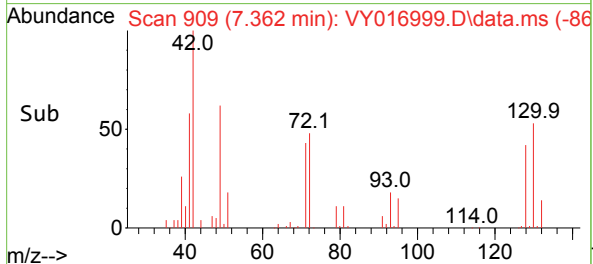
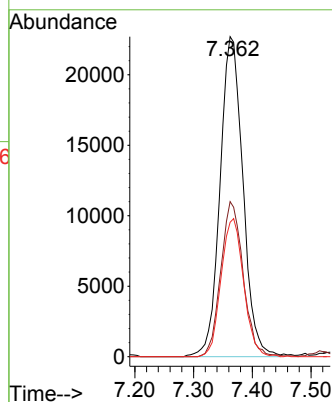
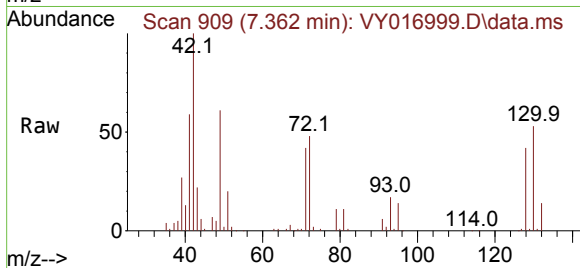
Tgt Ion: 42 Resp: 61532

Ion Ratio Lower Upper

42 100

72 47.4 36.6 54.8

71 42.4 33.8 50.6



#30

Chloroform

Concen: 103.733 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016999.D

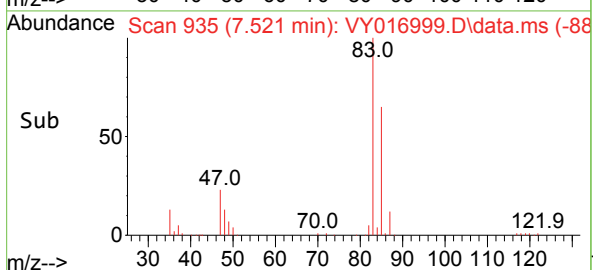
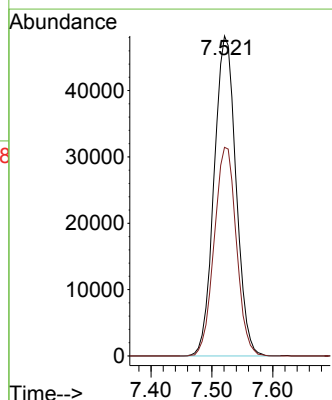
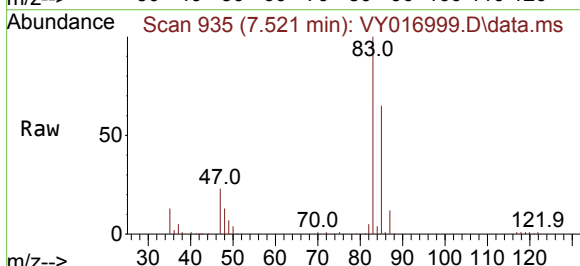
Acq: 12 Jan 2024 17:41

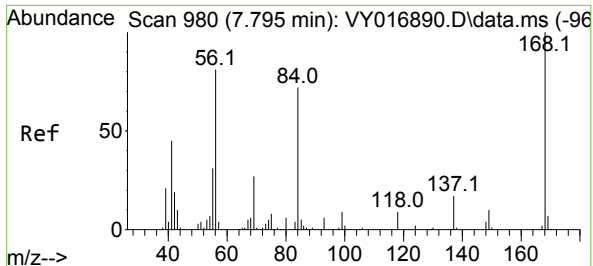
Tgt Ion: 83 Resp: 120467

Ion Ratio Lower Upper

83 100

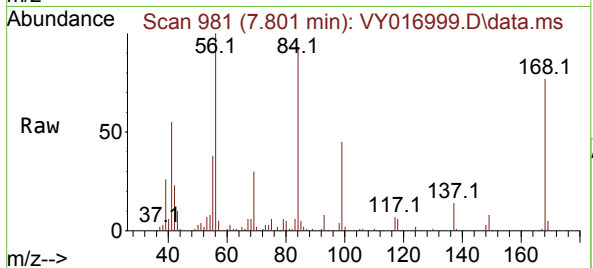
85 65.2 51.2 76.8



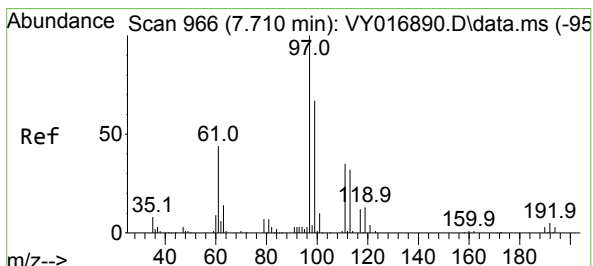
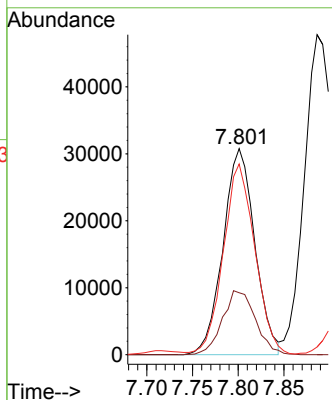
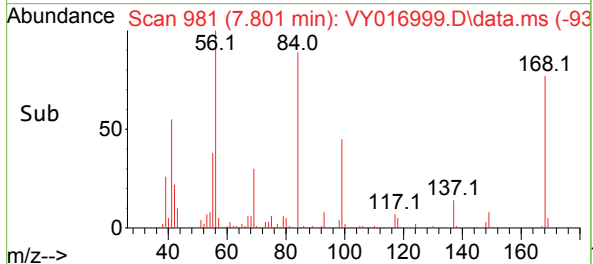


#31
Cyclohexane
Concen: 81.477 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Instrument :
MSVOA_Y
ClientSampleId :

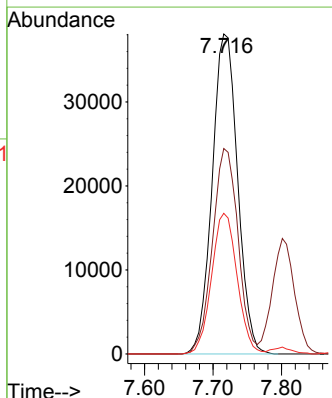
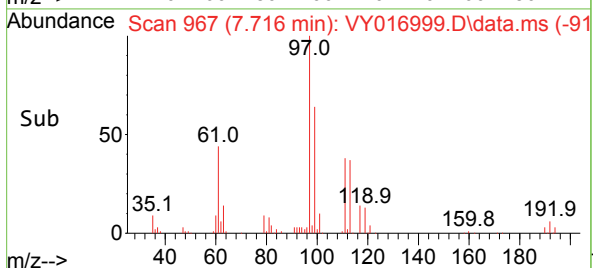
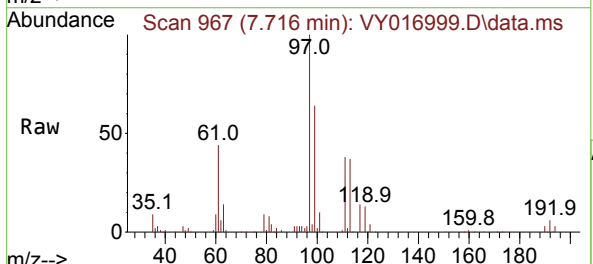


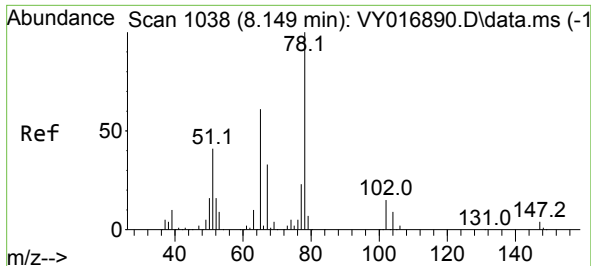
Tgt Ion: 56 Resp: 74457
Ion Ratio Lower Upper
56 100
69 30.1 27.0 40.6
84 91.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 99.711 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 97 Resp: 98184
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 44.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 104.243 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

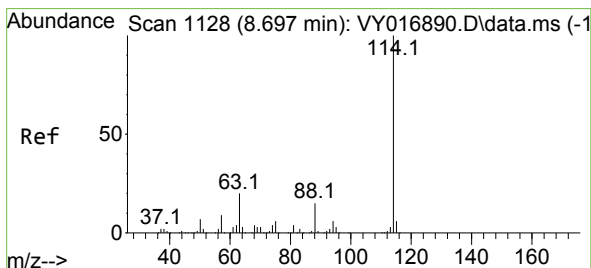
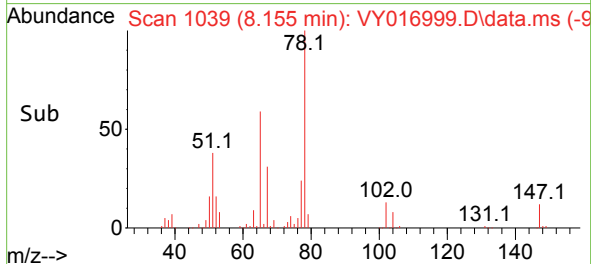
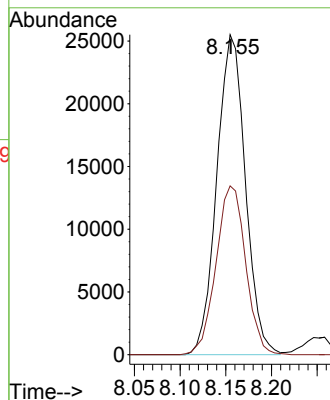
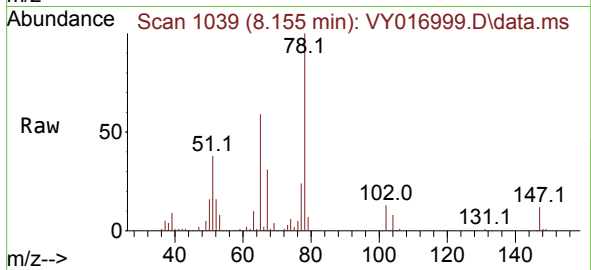
ClientSampleId :

Tgt Ion: 65 Resp: 55503

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

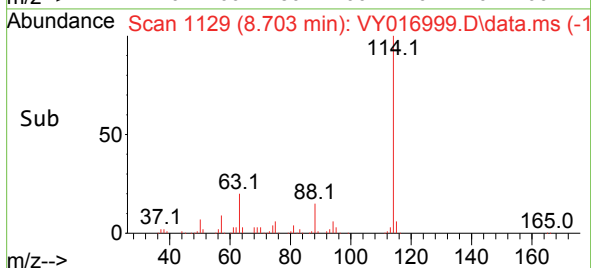
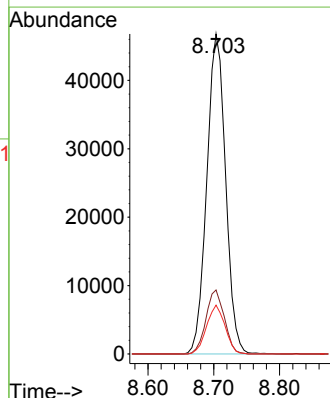
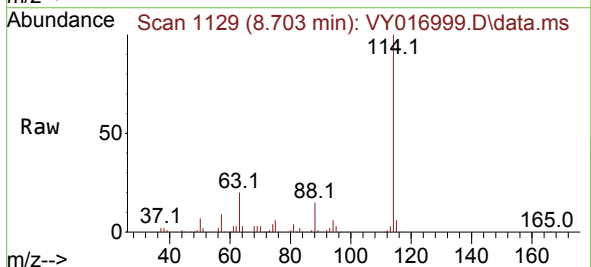
Tgt Ion: 114 Resp: 93104

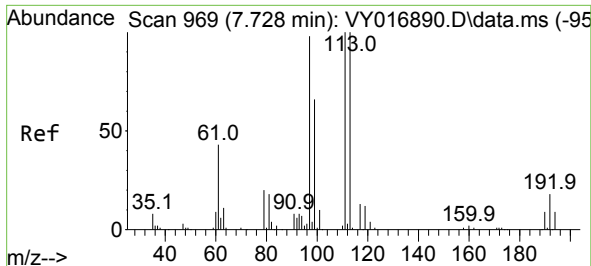
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

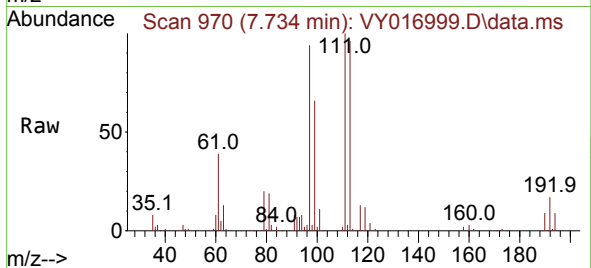
88 15.2 0.0 29.0



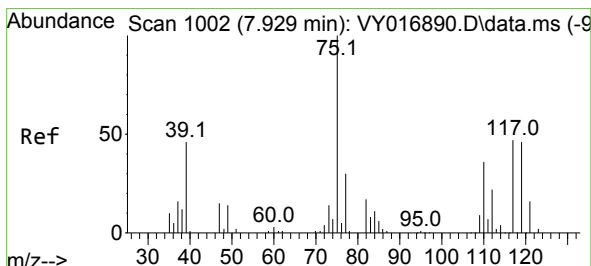
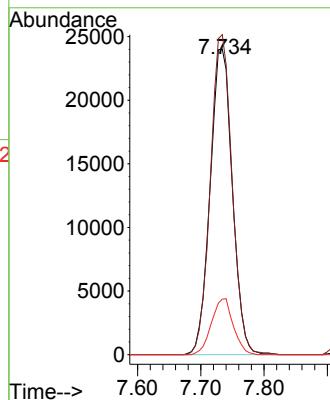
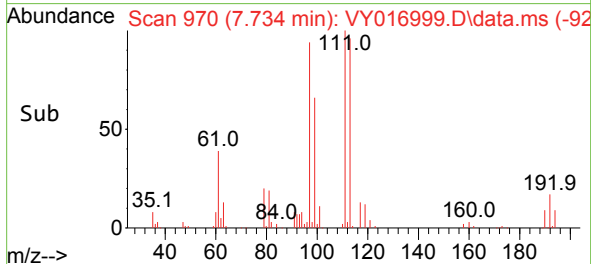


#35
Dibromofluoromethane
Concen: 98.914 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Instrument :
MSVOA_Y
ClientSampleId :

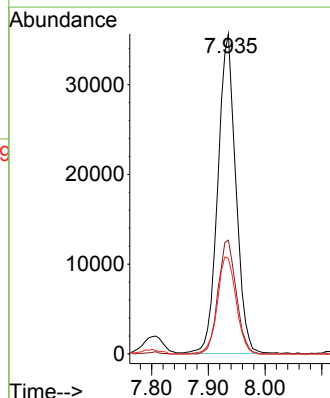
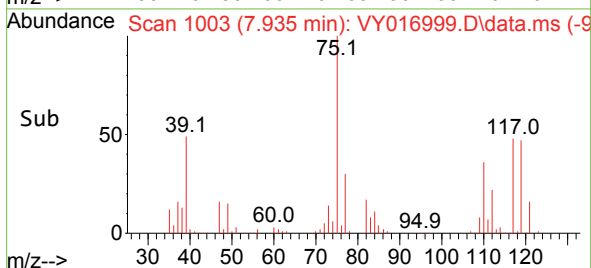
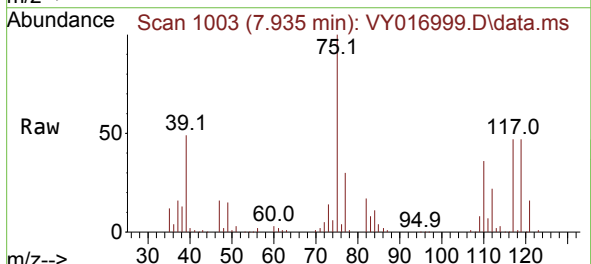


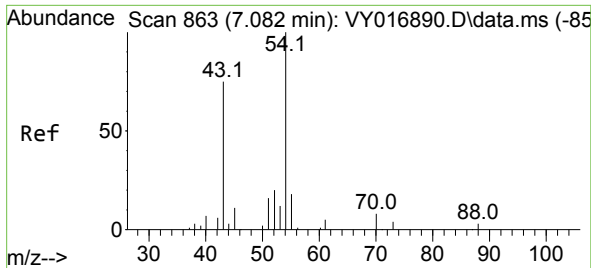
Tgt Ion:113 Resp: 58685
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 90.531 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 75 Resp: 78277
Ion Ratio Lower Upper
75 100
110 35.9 17.4 52.3
77 31.8 24.7 37.1

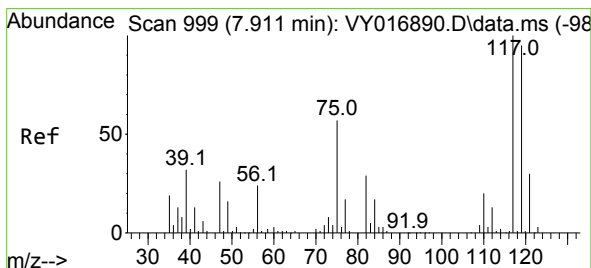
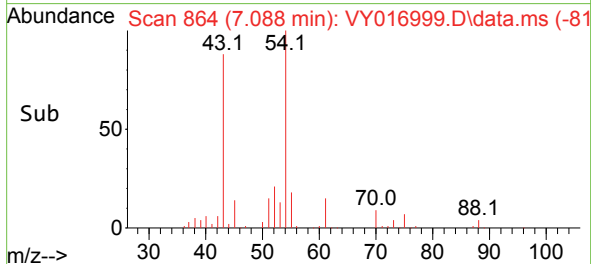
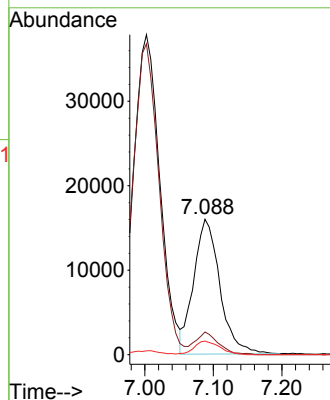
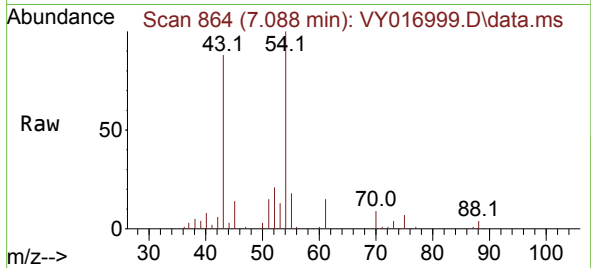




#37
Ethyl Acetate
Concen: 108.168 ug/l
RT: 7.088 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

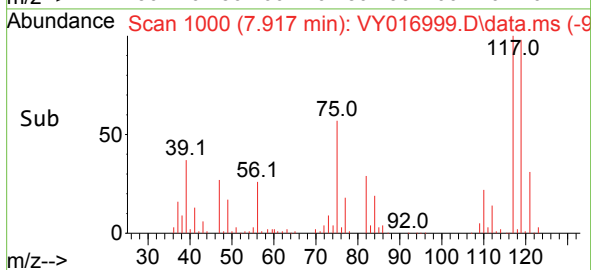
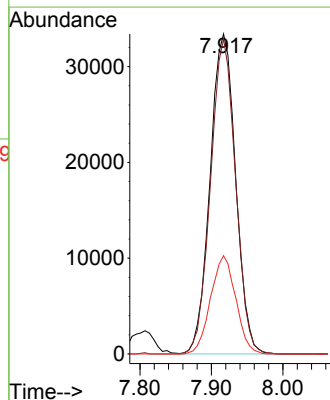
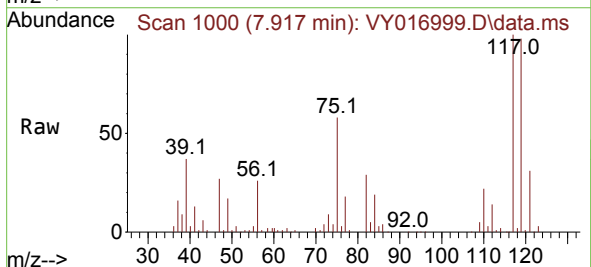
Instrument :
MSVOA_Y
ClientSampleId :

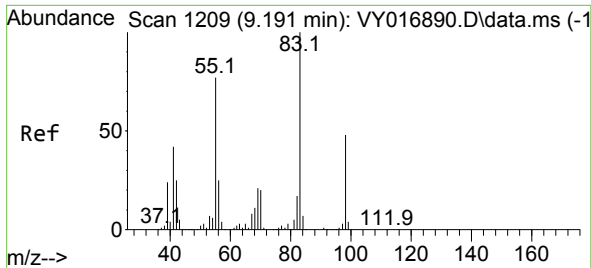
Tgt Ion: 43	Resp:	42502
Ion Ratio	Lower	Upper
43	100	
61	14.4	11.0 16.6
70	9.8	8.1 12.1



#38
Carbon Tetrachloride
Concen: 94.416 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 117	Resp:	82941
Ion Ratio	Lower	Upper
117	100	
119	98.4	76.0 114.0
121	30.7	24.2 36.2

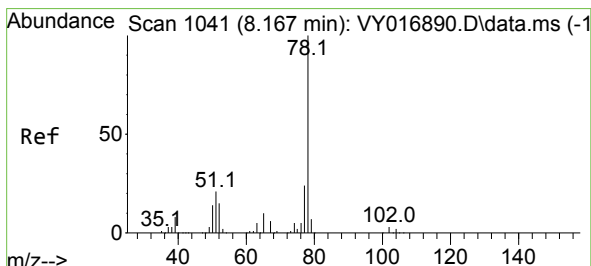
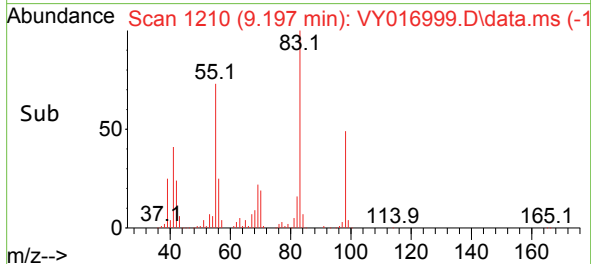
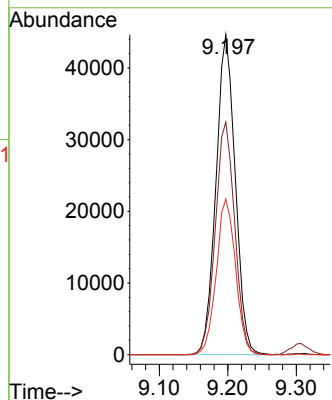
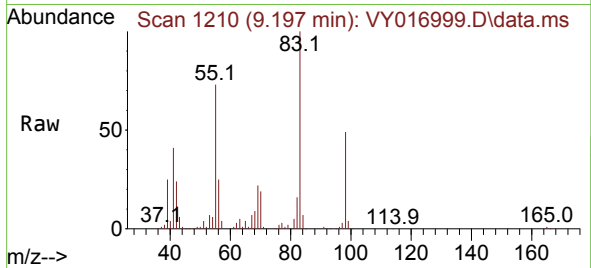




#39
Methylcyclohexane
Concen: 89.727 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

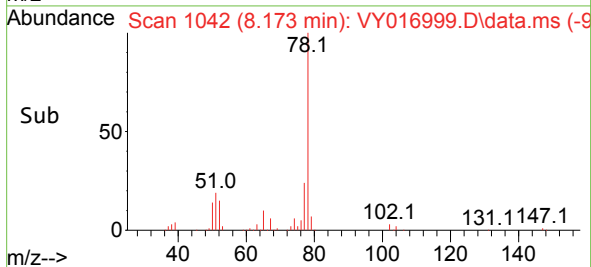
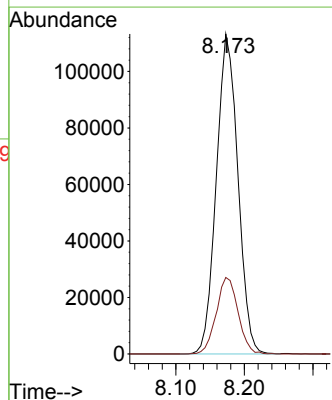
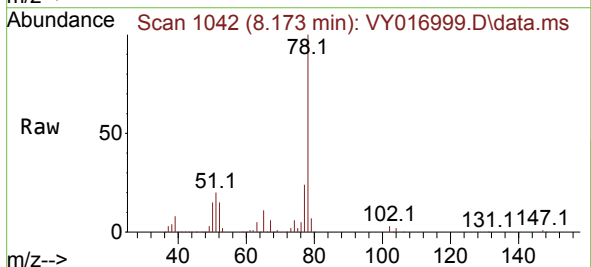
Instrument :
MSVOA_Y
ClientSampleId :

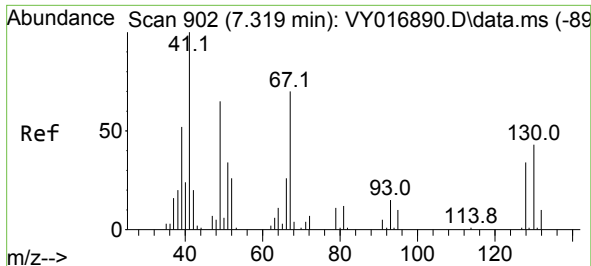
Tgt Ion: 83 Resp: 87216
Ion Ratio Lower Upper
83 100
55 72.7 59.7 89.5
98 48.6 38.0 57.0



#40
Benzene
Concen: 95.279 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

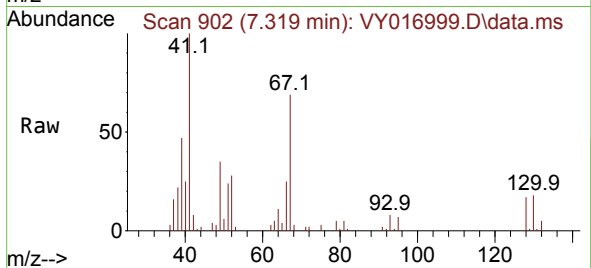
Tgt Ion: 78 Resp: 247128
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



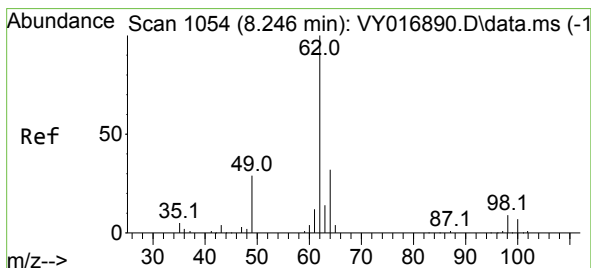
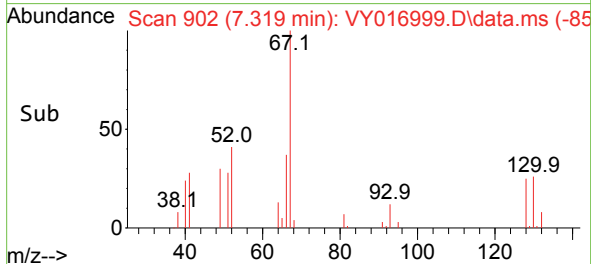
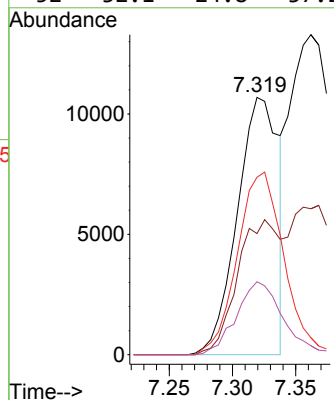


#41
Methacrylonitrile
Concen: 117.396 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Instrument :
MSVOA_Y
ClientSampleId :

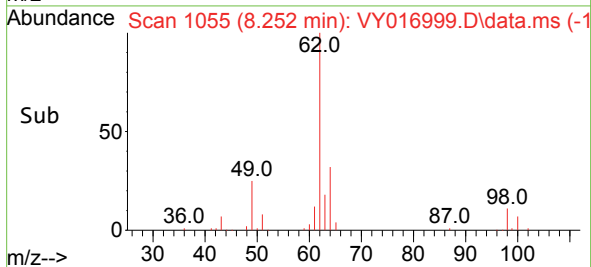
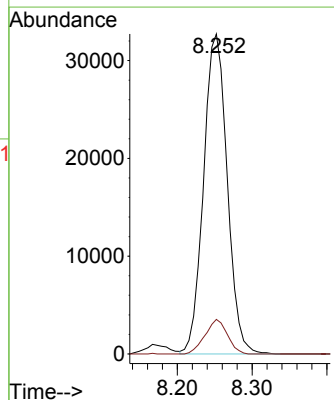
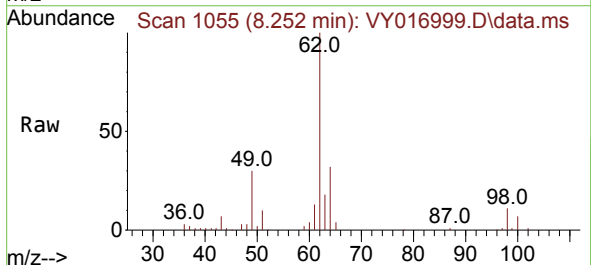


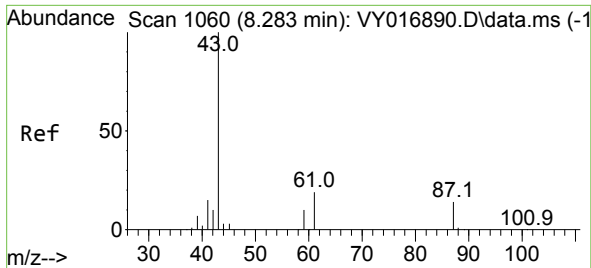
Tgt Ion:	41	Resp:	24294
Ion	Ratio	Lower	Upper
41	100		
39	53.4	41.9	62.9
67	79.9	59.8	89.6
52	32.1	24.8	37.2



#42
1,2-Dichloroethane
Concen: 104.323 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion:	62	Resp:	71834
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

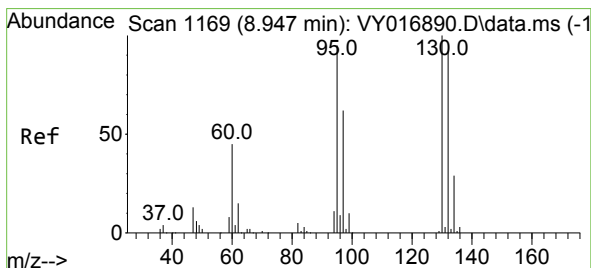
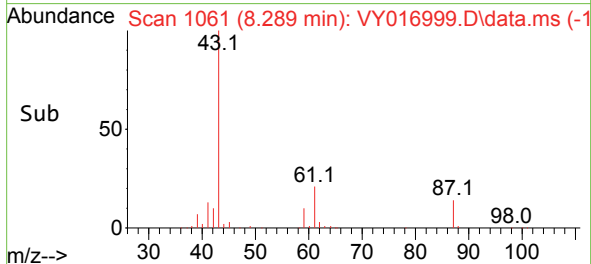
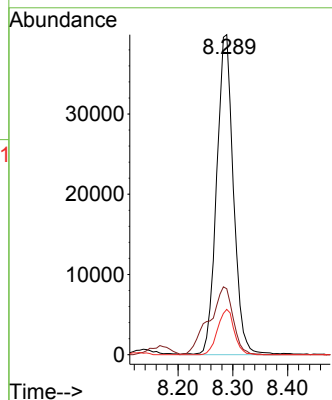
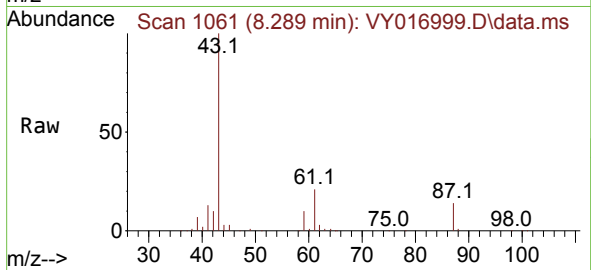




#43
Isopropyl Acetate
Concen: 112.682 ug/l
RT: 8.289 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

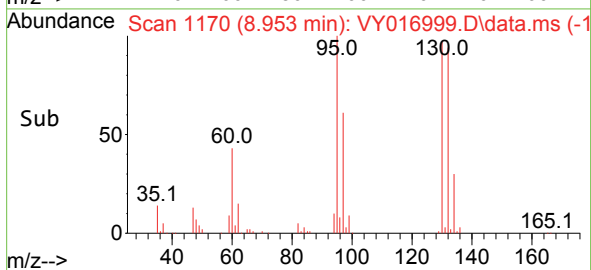
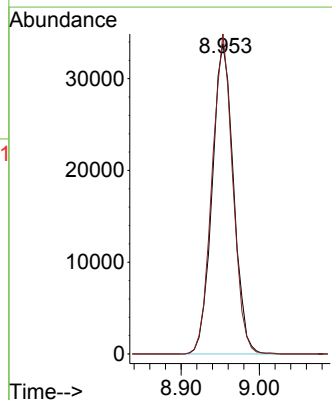
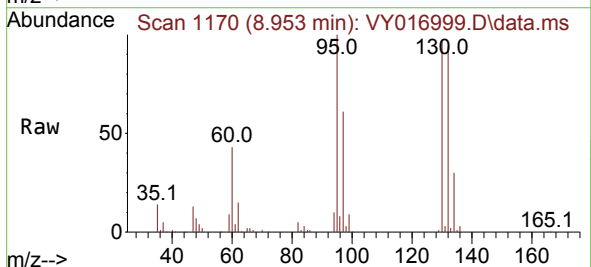
Instrument :
MSVOA_Y
ClientSampleId :

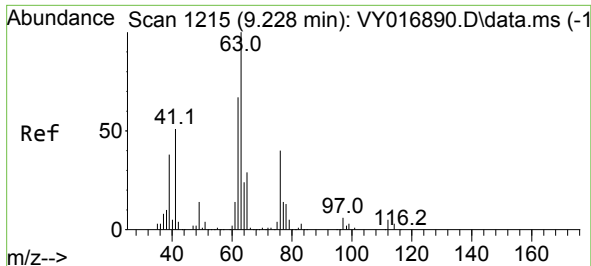
Tgt Ion: 43 Resp: 84787
Ion Ratio Lower Upper
43 100
61 30.3 24.8 37.2
87 14.0 10.7 16.1



#44
Trichloroethene
Concen: 97.023 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion:130 Resp: 64035
Ion Ratio Lower Upper
130 100
95 103.2 0.0 203.8

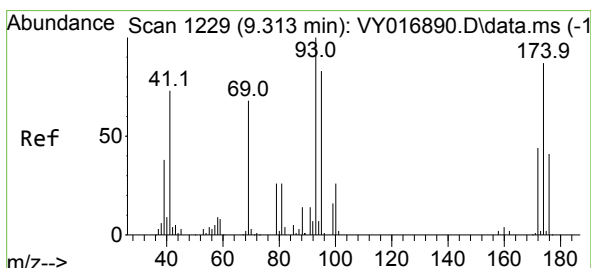
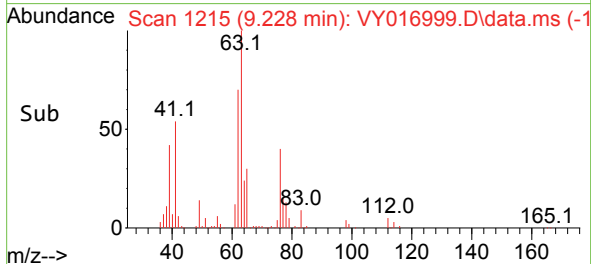
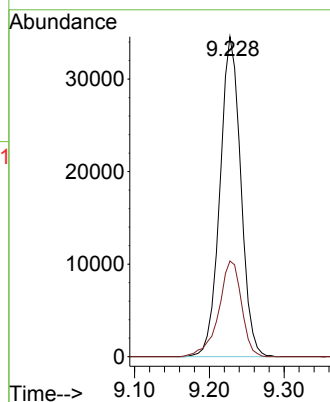
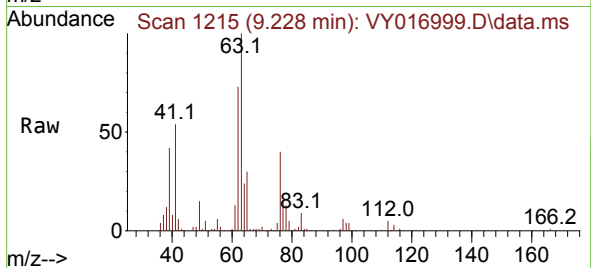




#45
1,2-Dichloropropane
Concen: 100.154 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

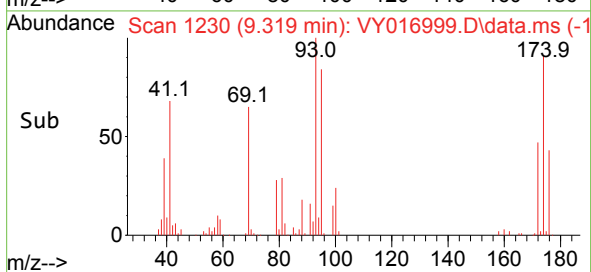
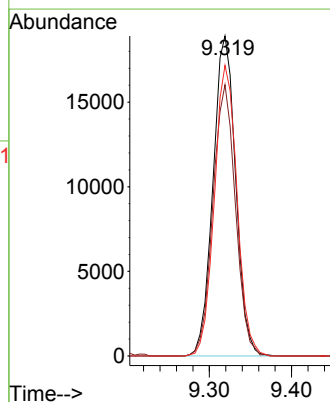
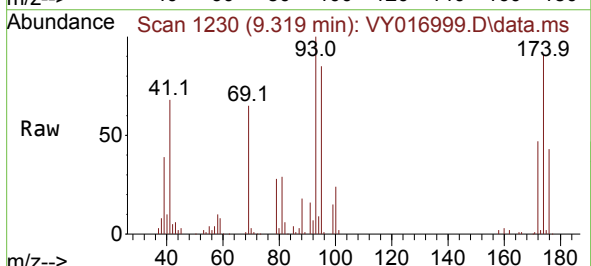
Instrument :
MSVOA_Y
ClientSampleId :

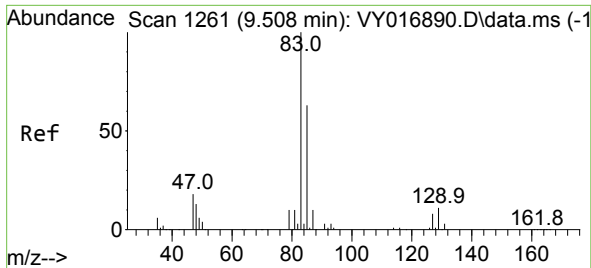
Tgt Ion: 63 Resp: 66924
Ion Ratio Lower Upper
63 100
65 29.9 24.6 36.8



#46
Dibromomethane
Concen: 106.033 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

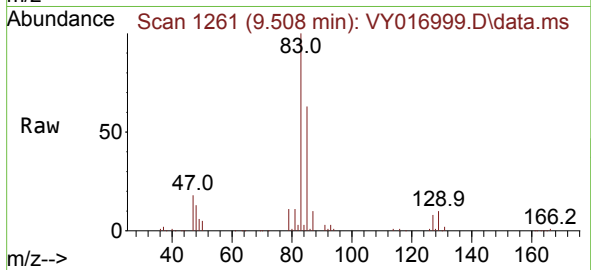
Tgt Ion: 93 Resp: 36135
Ion Ratio Lower Upper
93 100
95 84.7 66.6 99.8
174 90.9 73.8 110.6



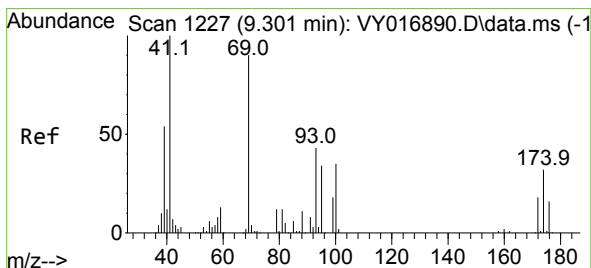
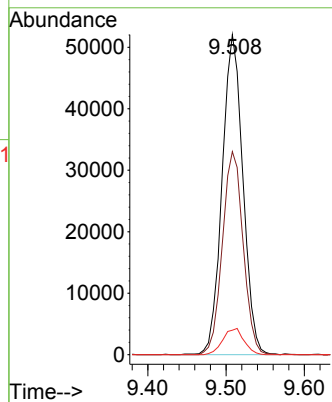
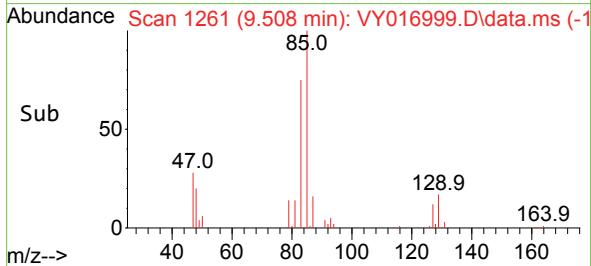


#47
Bromodichloromethane
Concen: 104.975 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Instrument :
MSVOA_Y
ClientSampleId :

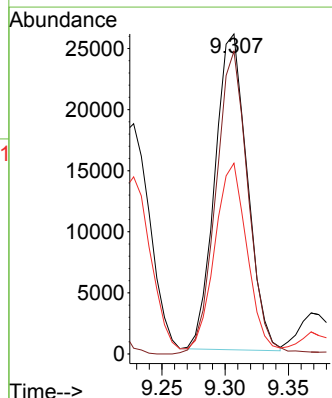
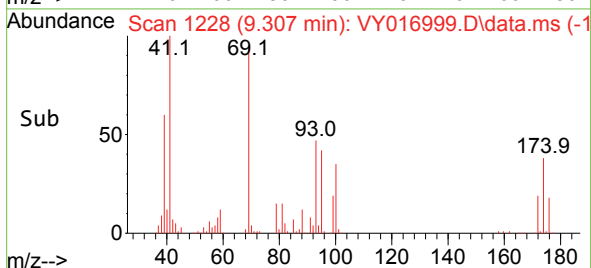
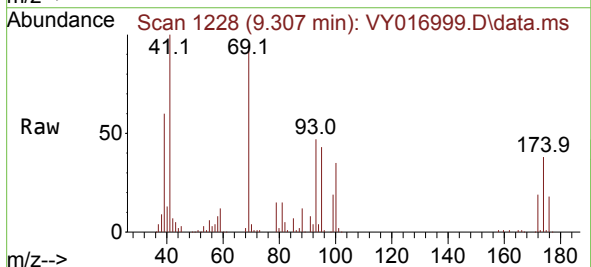


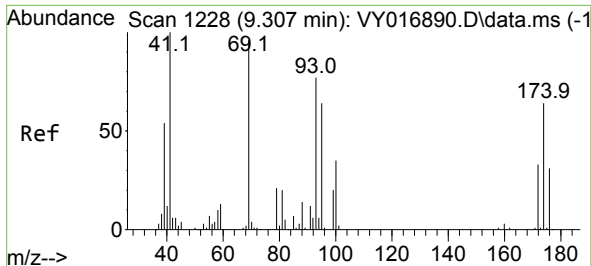
Tgt Ion: 83 Resp: 96065
Ion Ratio Lower Upper
83 100
85 63.4 53.2 79.8
127 7.7 6.4 9.6



#48
Methyl methacrylate
Concen: 113.269 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 41 Resp: 45996
Ion Ratio Lower Upper
41 100
69 96.2 72.1 108.1
39 61.4 42.8 64.2





#49

1,4-Dioxane

Concen: 2447.142 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

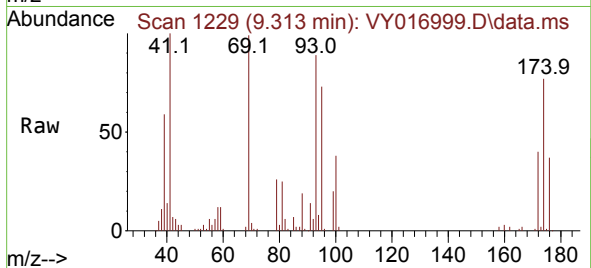
Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :



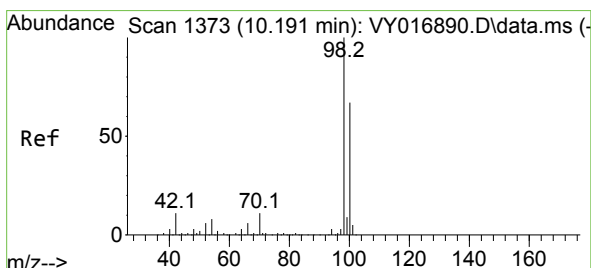
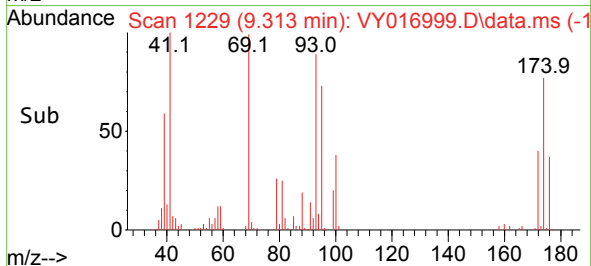
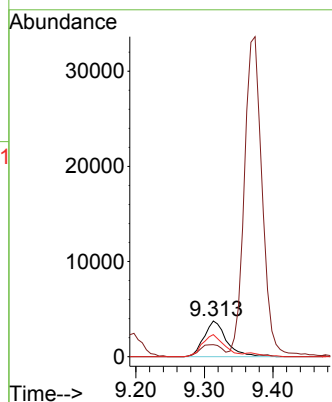
Tgt Ion: 88 Resp: 8635

Ion Ratio Lower Upper

88 100

43 33.1 28.2 42.4

58 60.6 52.2 78.2



#50

Toluene-d8

Concen: 97.442 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016999.D

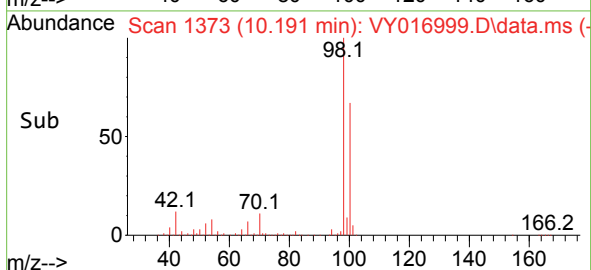
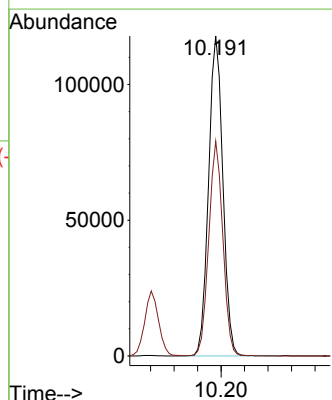
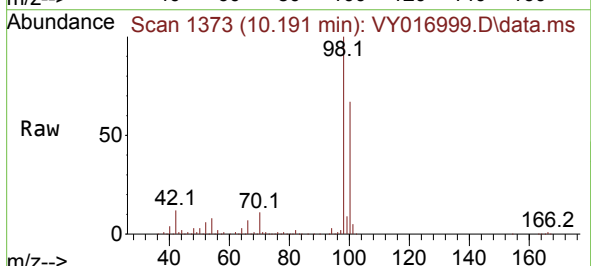
Acq: 12 Jan 2024 17:41

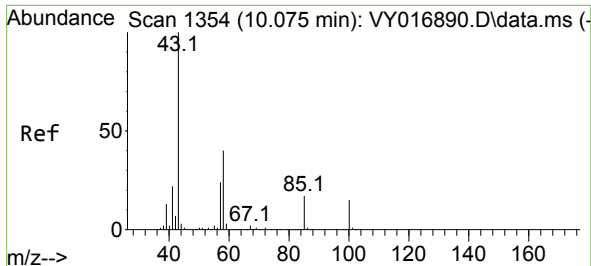
Tgt Ion: 98 Resp: 199076

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5

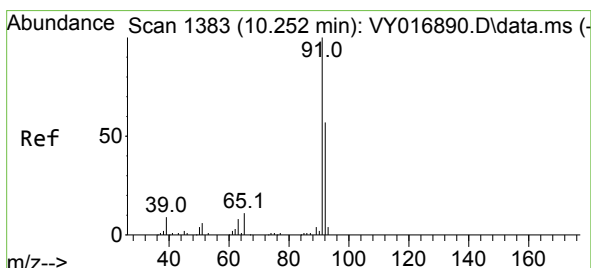
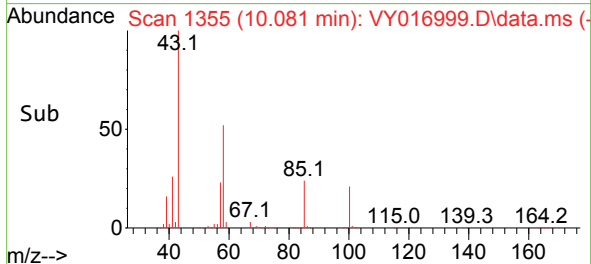
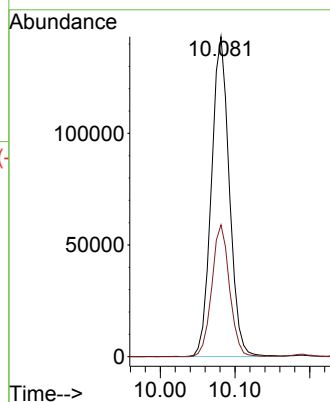
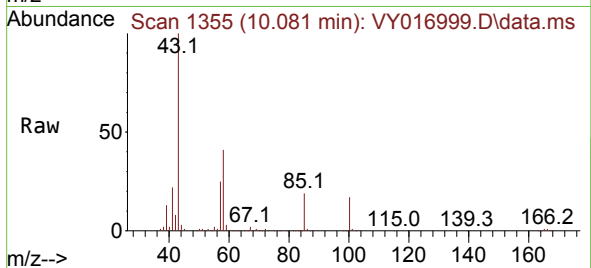




#51
4-Methyl-2-Pentanone
Concen: 596.997 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

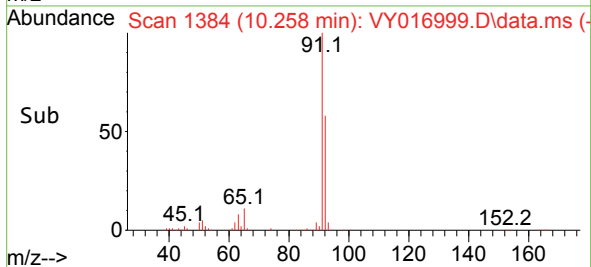
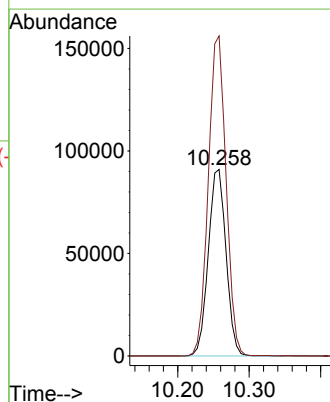
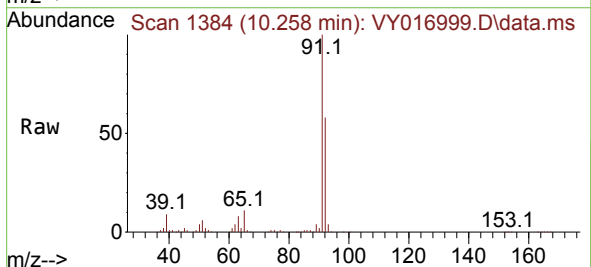
Instrument :
MSVOA_Y
ClientSampleId :

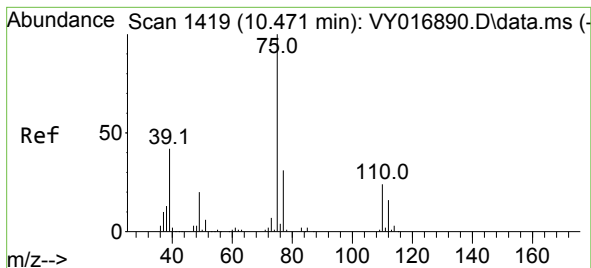
Tgt Ion: 43 Resp: 238898
Ion Ratio Lower Upper
43 100
58 40.9 32.2 48.2



#52
Toluene
Concen: 100.109 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 92 Resp: 156704
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4

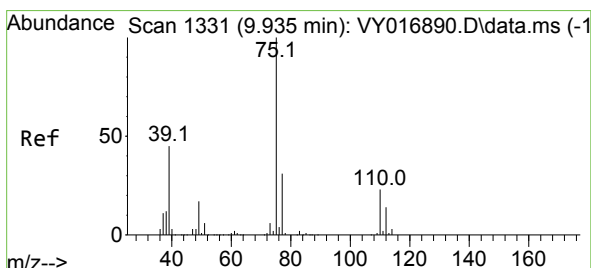
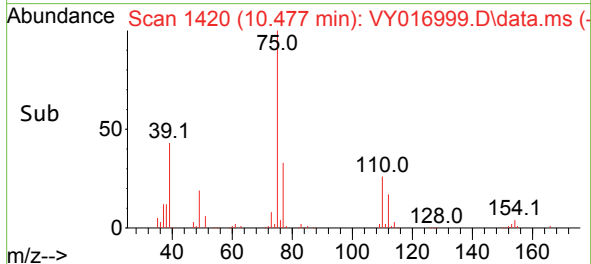
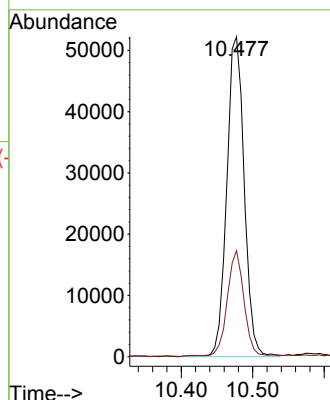
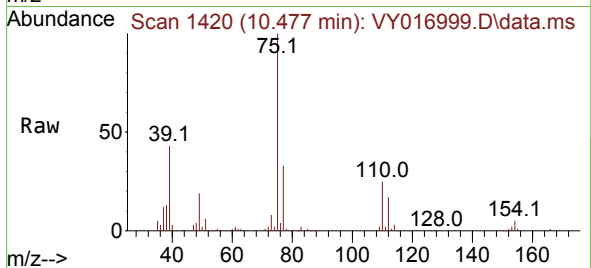




#53
 t-1,3-Dichloropropene
 Concen: 107.839 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016999.D
 Acq: 12 Jan 2024 17:41

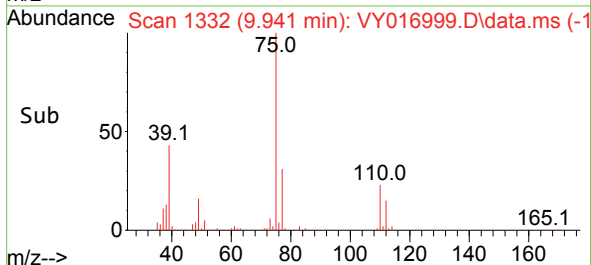
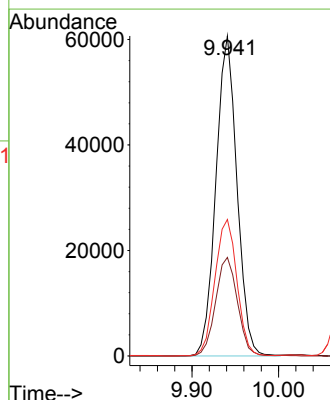
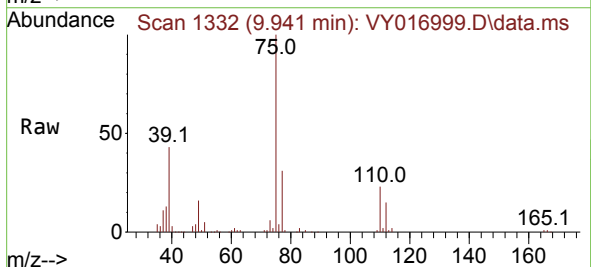
Instrument :
 MSVOA_Y
 ClientSampleId :

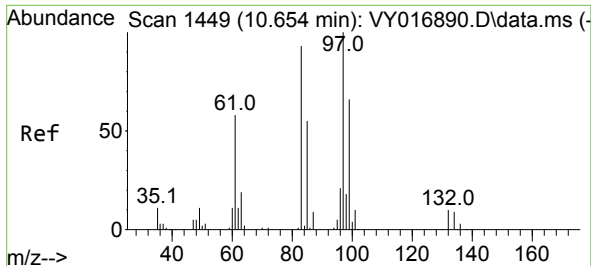
Tgt Ion: 75 Resp: 88396
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 104.004 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016999.D
 Acq: 12 Jan 2024 17:41

Tgt Ion: 75 Resp: 102382
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8
 39 42.5 33.6 50.4

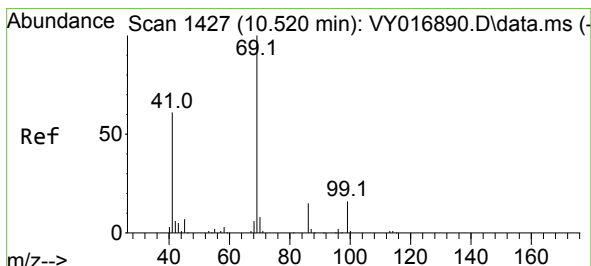
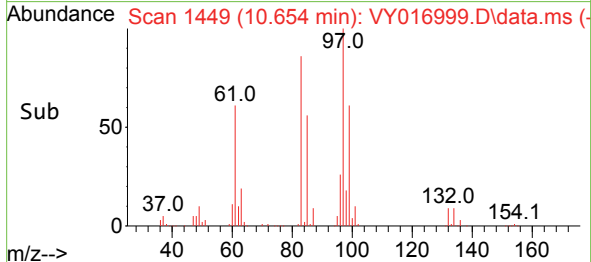
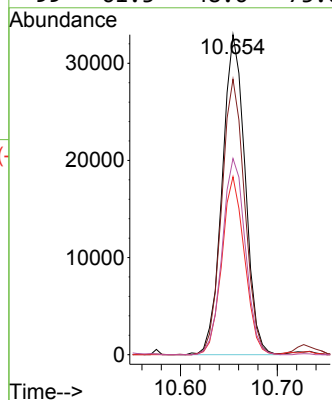
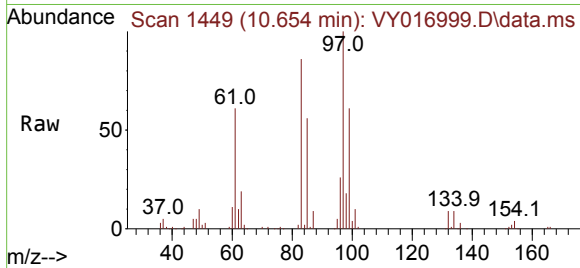




#55
1,1,2-Trichloroethane
Concen: 108.712 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

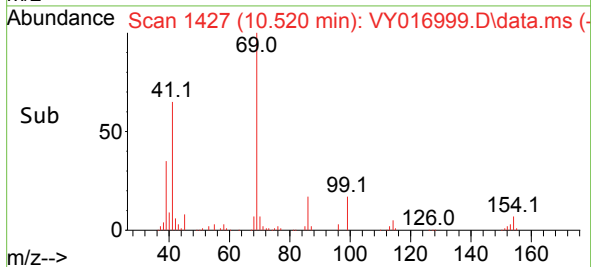
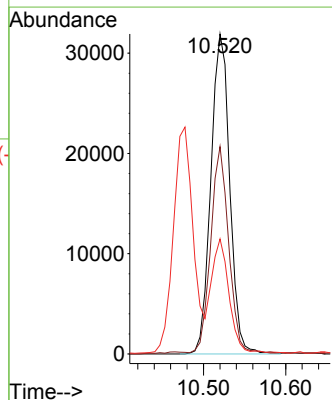
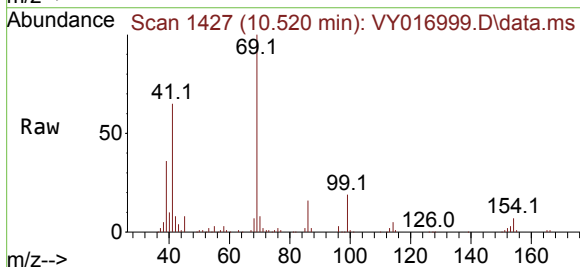
Instrument :
MSVOA_Y
ClientSampleId :

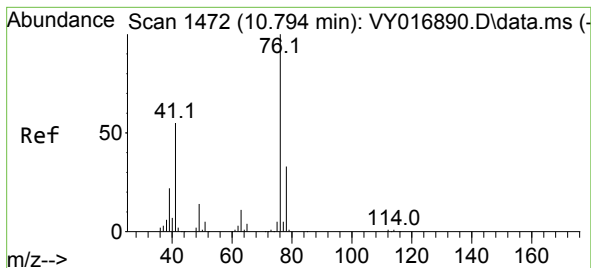
Tgt Ion: 97	Resp: 54124
Ion Ratio	Lower Upper
97 100	
83 85.9	69.4 104.2
85 55.6	43.9 65.9
99 61.3	48.6 73.0



#56
Ethyl methacrylate
Concen: 120.694 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 69	Resp: 50896
Ion Ratio	Lower Upper
69 100	
41 61.2	49.2 73.8
39 33.2	26.8 40.2





#57

1,3-Dichloropropane

Concen: 106.848 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

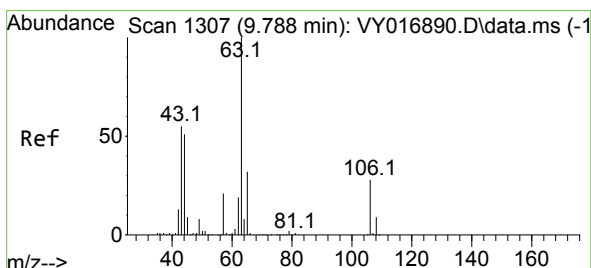
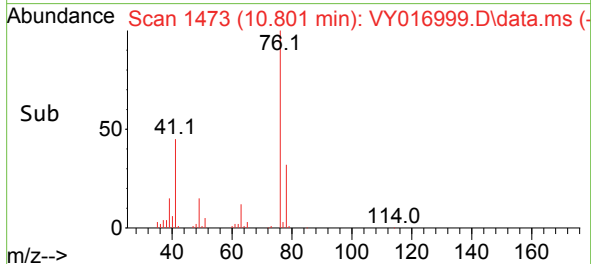
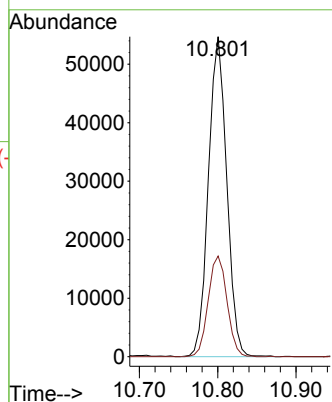
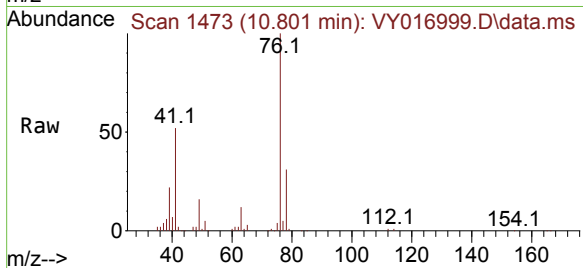
ClientSampleId :

Tgt Ion: 76 Resp: 88816

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 511.643 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY016999.D

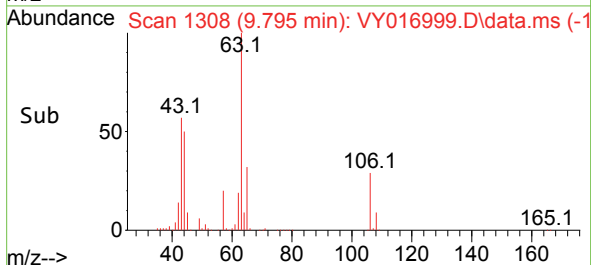
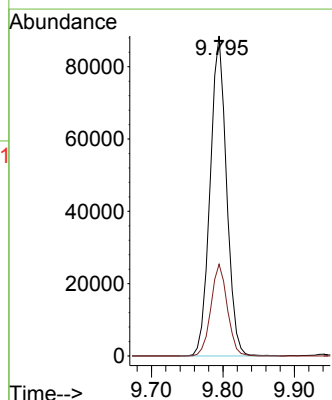
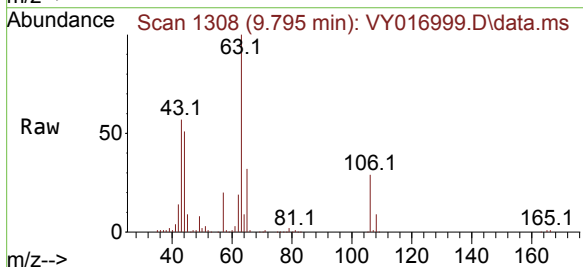
Acq: 12 Jan 2024 17:41

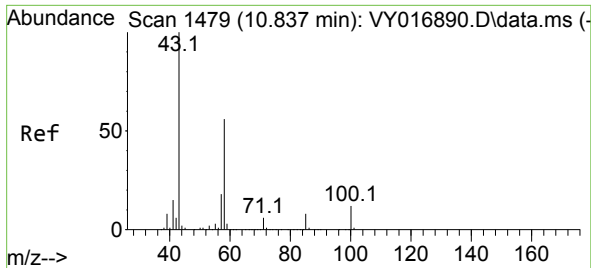
Tgt Ion: 63 Resp: 140973

Ion Ratio Lower Upper

63 100

106 28.5 22.4 33.6

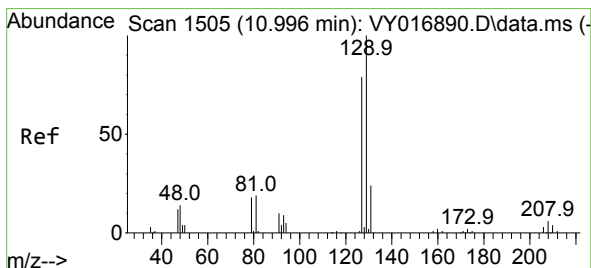
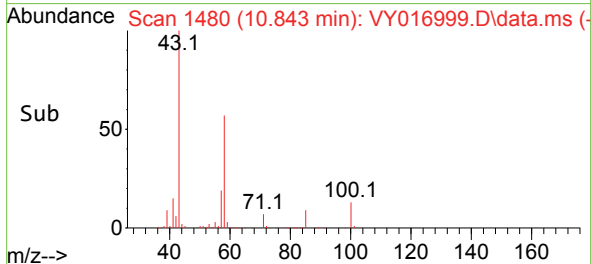
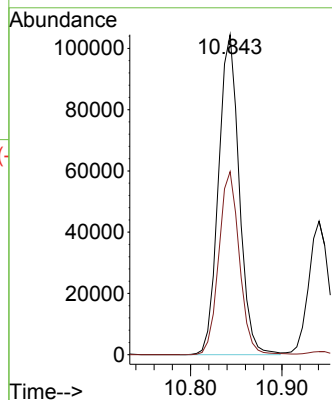
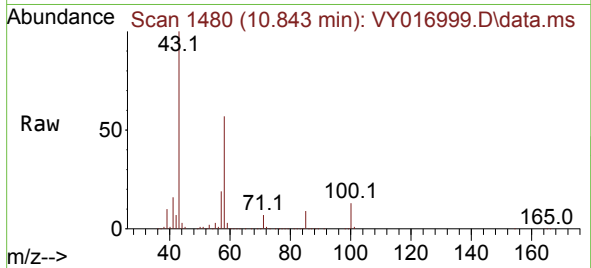




#59
2-Hexanone
Concen: 558.325 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

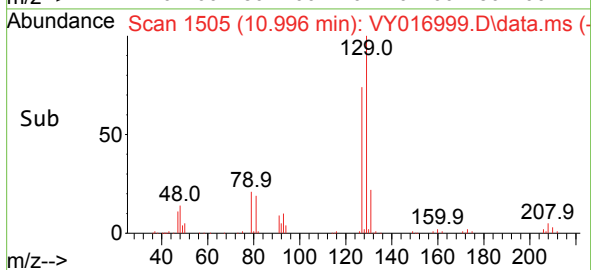
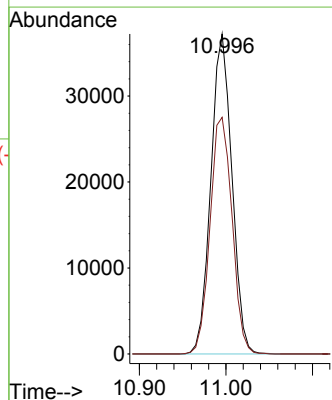
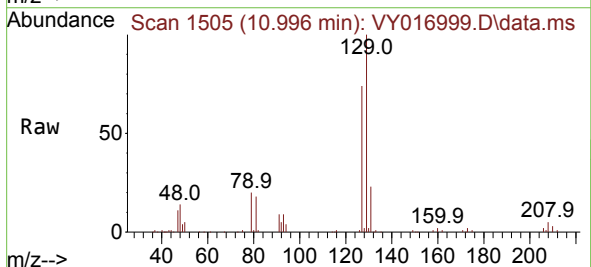
Instrument :
MSVOA_Y
ClientSampleId :

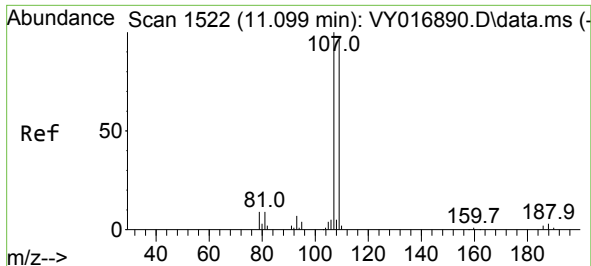
Tgt Ion: 43 Resp: 164513
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3



#60
Dibromochloromethane
Concen: 109.427 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion:129 Resp: 62827
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

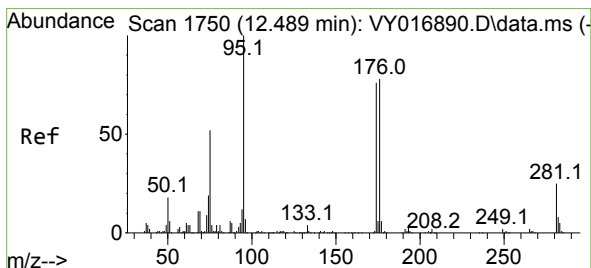
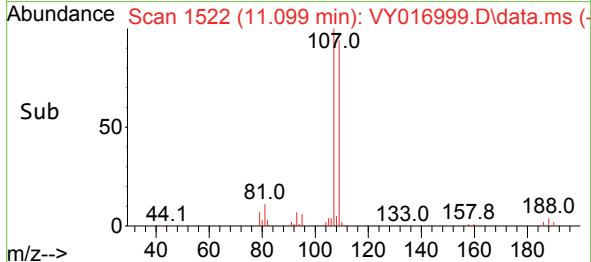
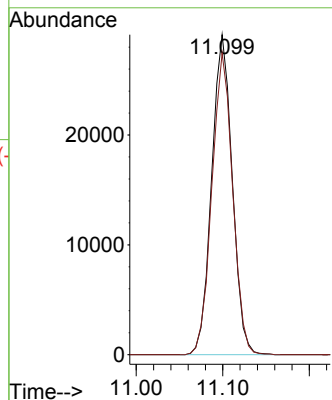
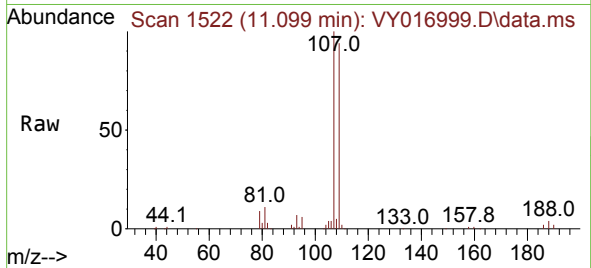




#61
1,2-Dibromoethane
Concen: 111.202 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

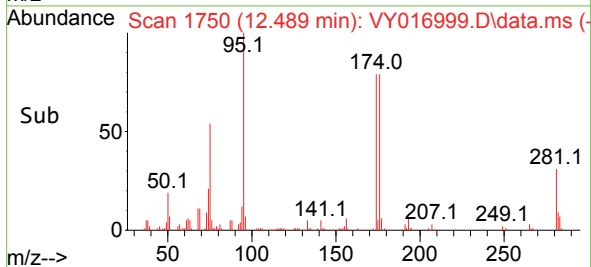
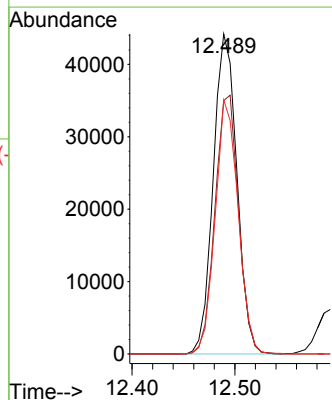
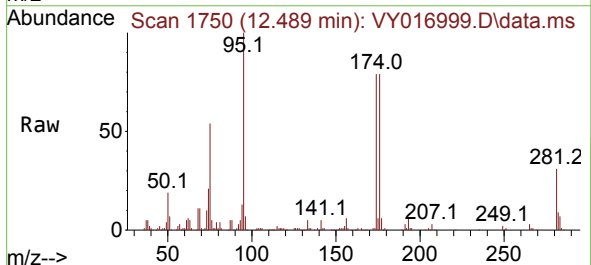
Instrument :
MSVOA_Y
ClientSampleId :

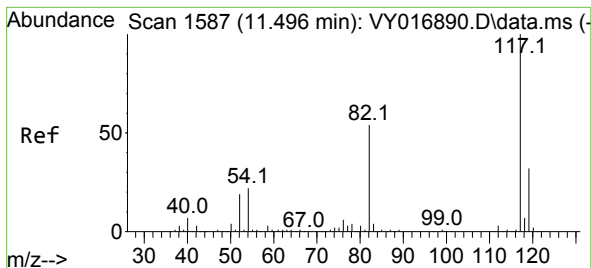
Tgt Ion:107 Resp: 48102
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 102.187 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 95 Resp: 70436
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.0
176 77.2 0.0 151.8

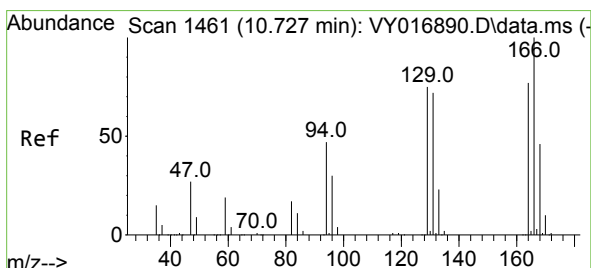
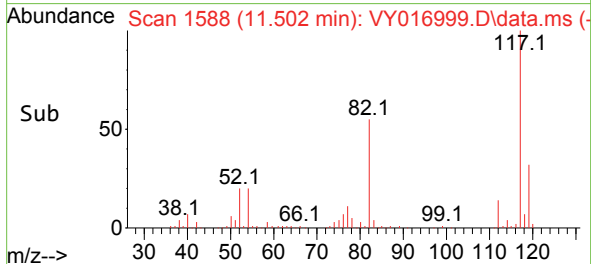
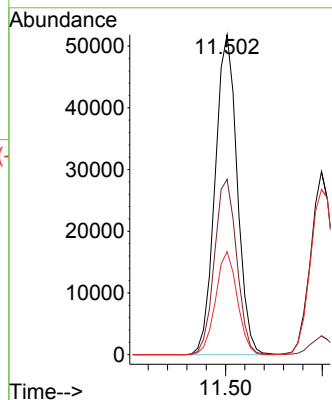
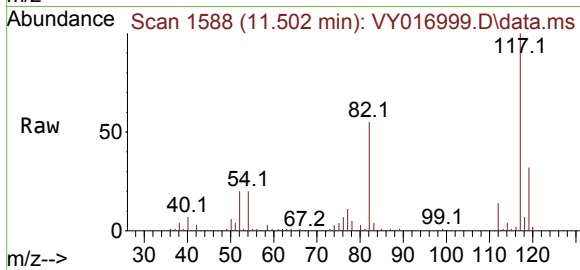




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

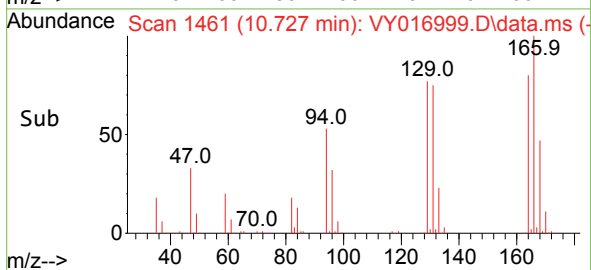
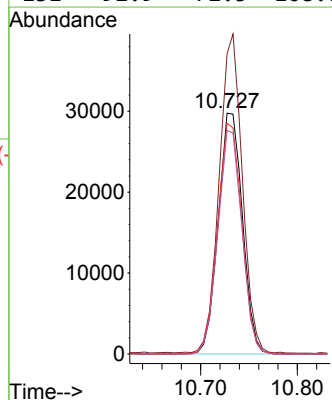
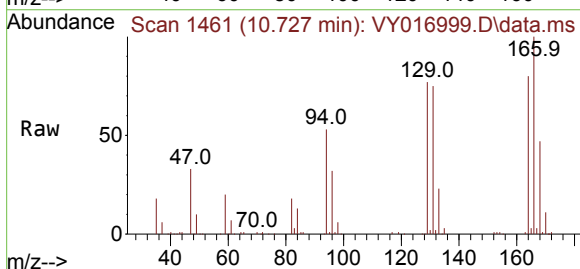
Instrument :
MSVOA_Y
ClientSampleId :

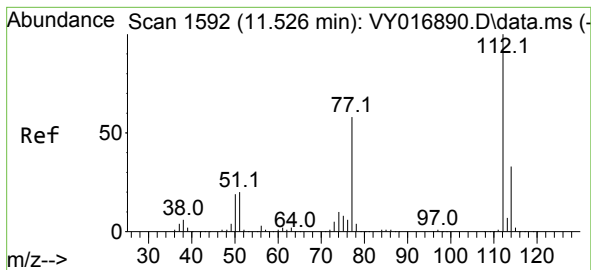
Tgt Ion:117 Resp: 82254
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 96.985 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

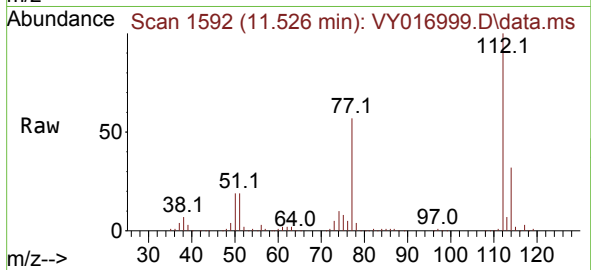
Tgt Ion:164 Resp: 51719
Ion Ratio Lower Upper
164 100
166 124.1 98.8 148.2
129 95.9 78.9 118.3
131 92.9 72.5 108.7



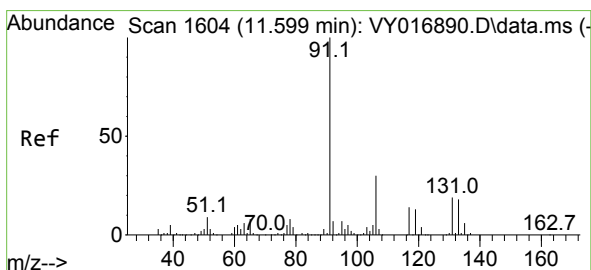
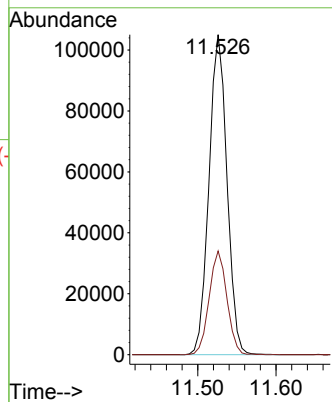
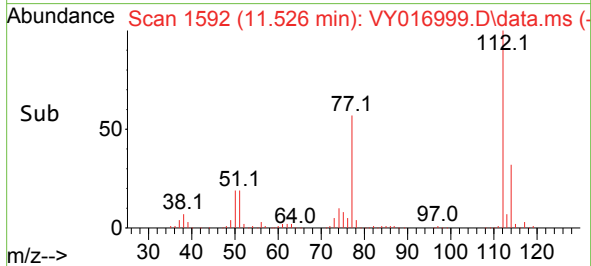


#65
Chlorobenzene
Concen: 97.871 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

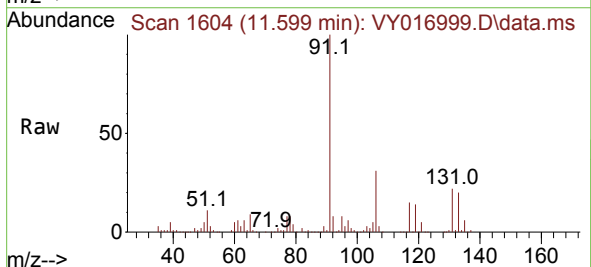
Instrument :
MSVOA_Y
ClientSampleId :



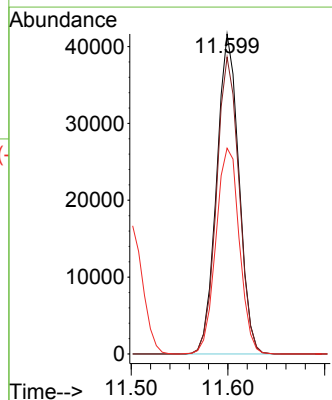
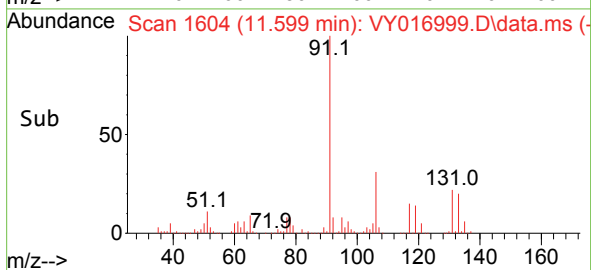
Tgt Ion:112 Resp: 167702
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1

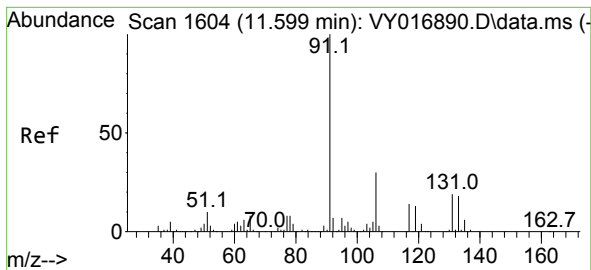


#66
1,1,1,2-Tetrachloroethane
Concen: 102.134 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41



Tgt Ion:131 Resp: 66527
Ion Ratio Lower Upper
131 100
133 93.9 47.0 141.0
119 67.9 33.3 99.9





#67

Ethyl Benzene

Concen: 99.304 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

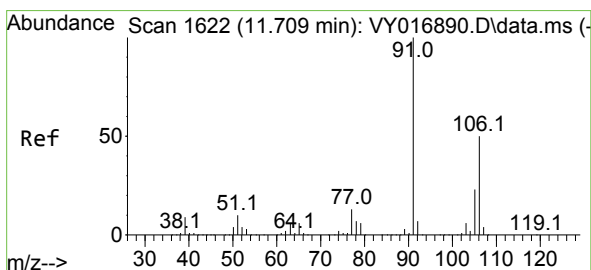
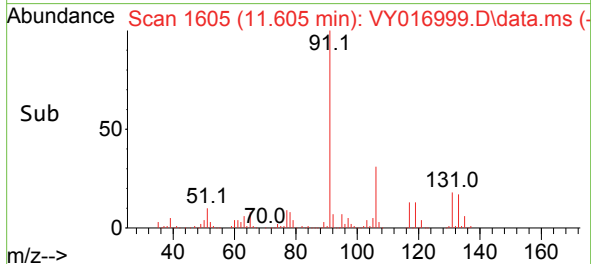
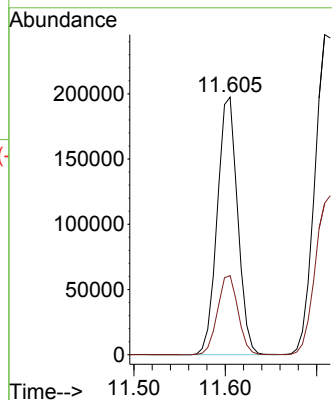
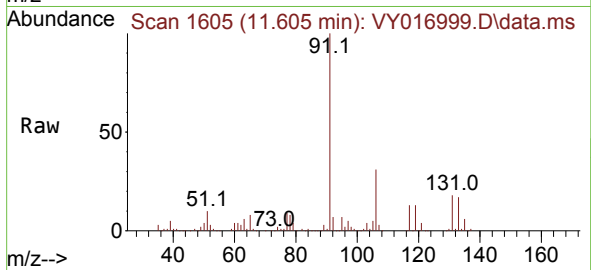
ClientSampleId :

Tgt Ion: 91 Resp: 306343

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 199.698 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016999.D

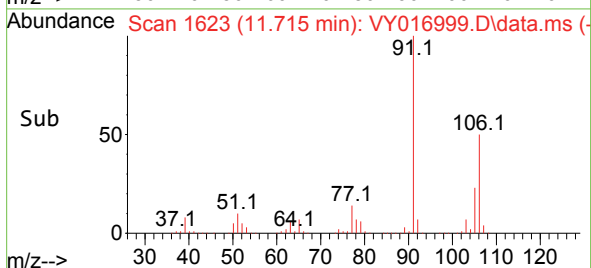
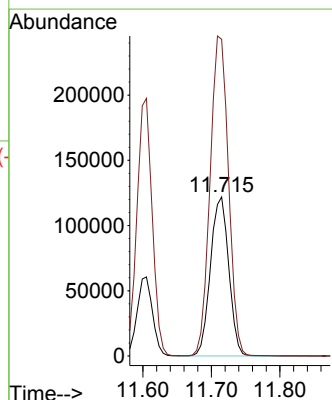
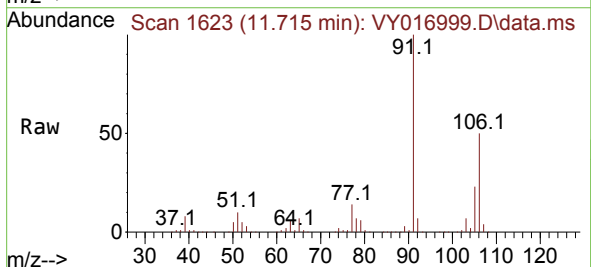
Acq: 12 Jan 2024 17:41

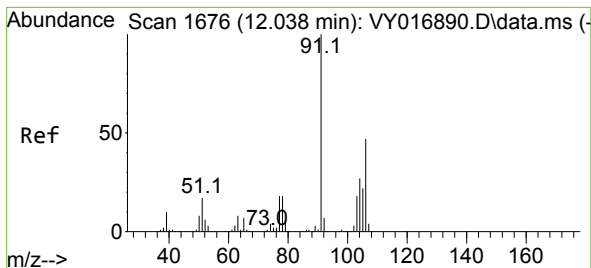
Tgt Ion:106 Resp: 226127

Ion Ratio Lower Upper

106 100

91 202.8 160.7 241.1

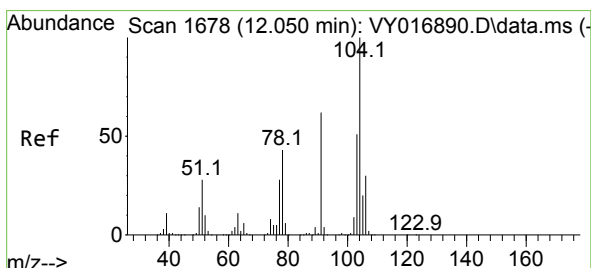
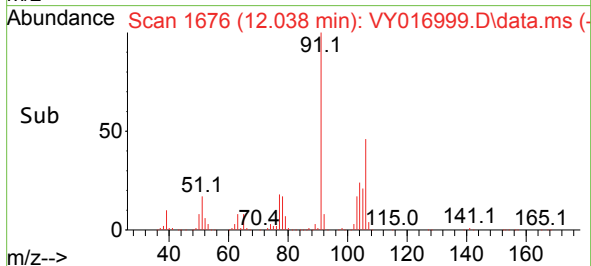
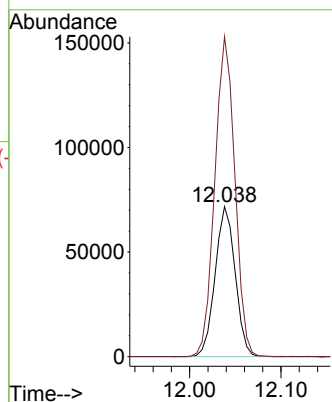
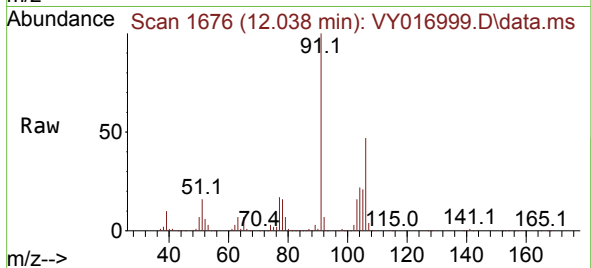




#69
o-Xylene
Concen: 103.126 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

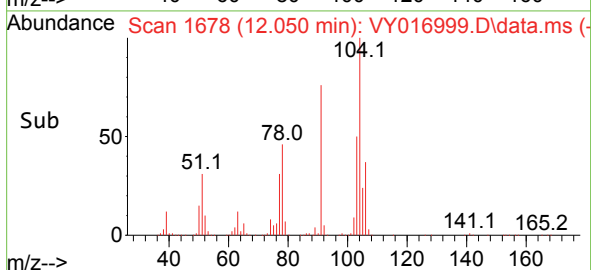
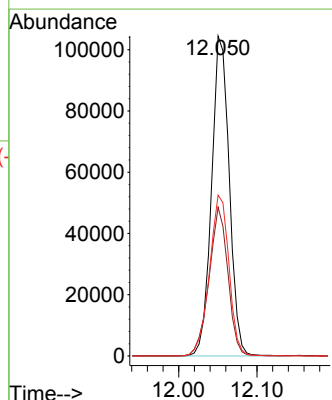
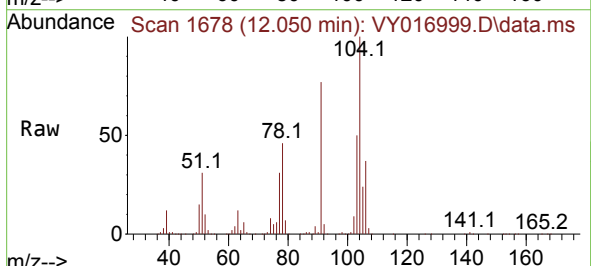
Instrument :
MSVOA_Y
ClientSampleId :

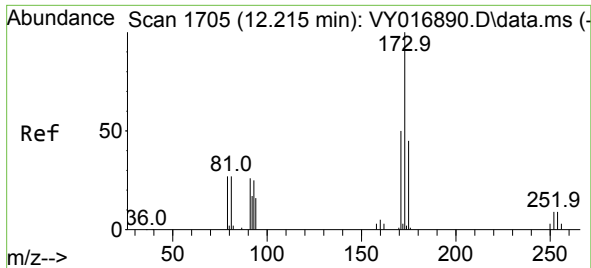
Tgt Ion:106 Resp: 109473
Ion Ratio Lower Upper
106 100
91 213.6 106.5 319.5



#70
Styrene
Concen: 106.139 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion:104 Resp: 163983
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 55.4 43.8 65.6

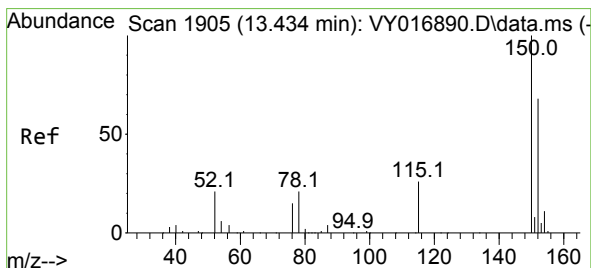
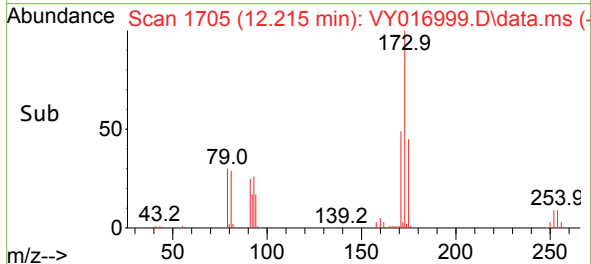
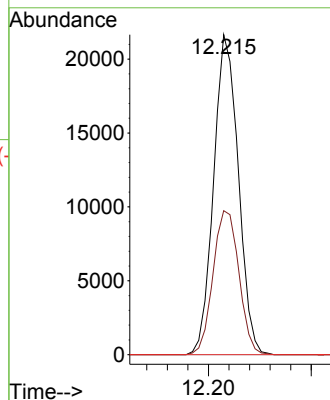
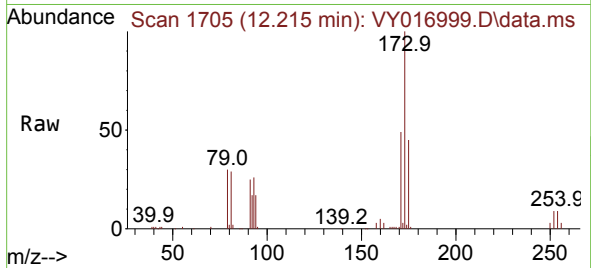




#71
Bromoform
Concen: 112.405 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

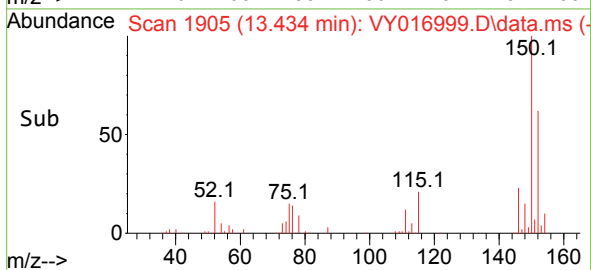
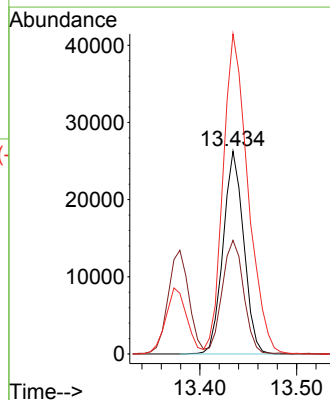
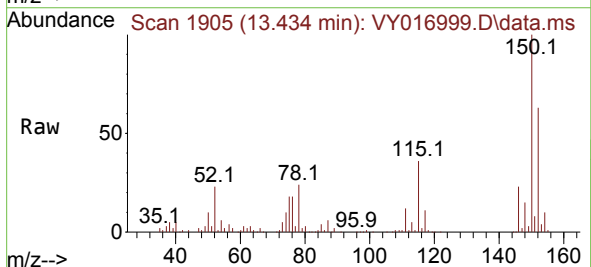
Instrument :
MSVOA_Y
ClientSampleId :

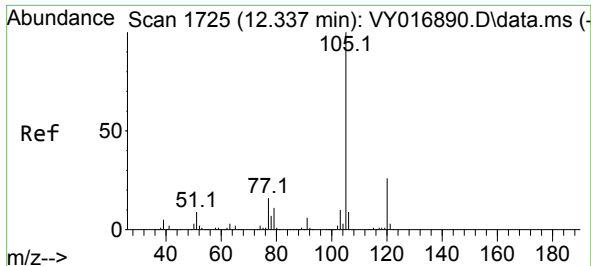
Tgt Ion:173 Resp: 36044
Ion Ratio Lower Upper
173 100
175 47.2 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

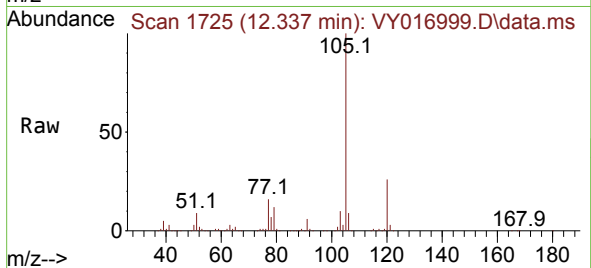
Tgt Ion:152 Resp: 38813
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 191.3 0.0 344.6



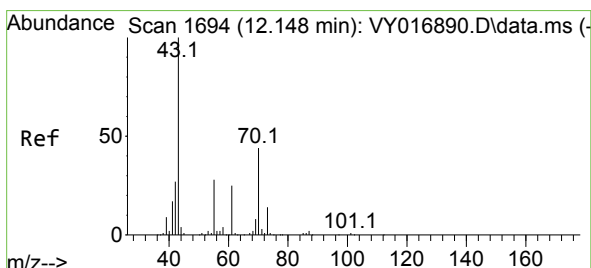
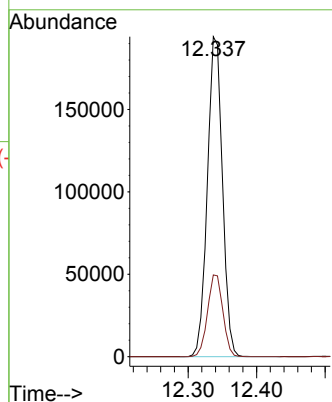
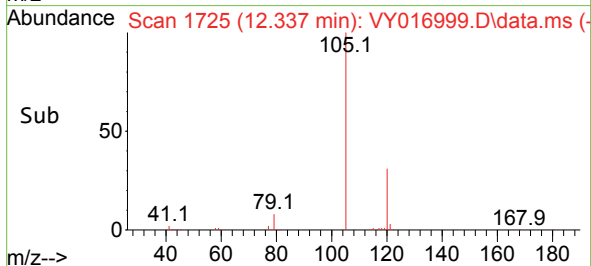


#73
Isopropylbenzene
Concen: 93.846 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

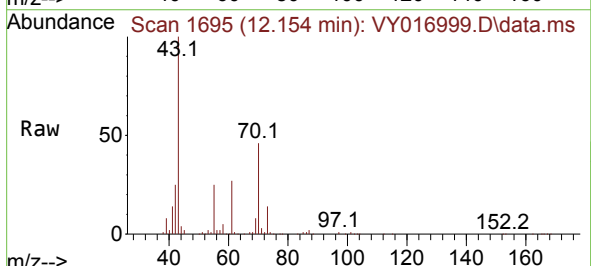
Instrument :
MSVOA_Y
ClientSampleId :



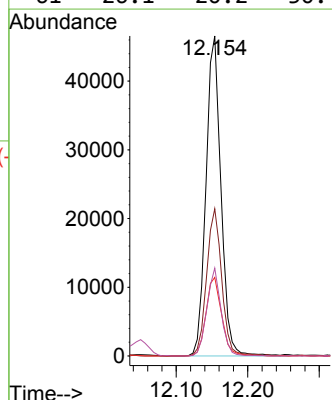
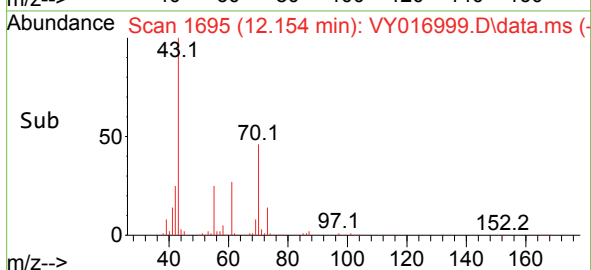
Tgt Ion:105 Resp: 297445
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0

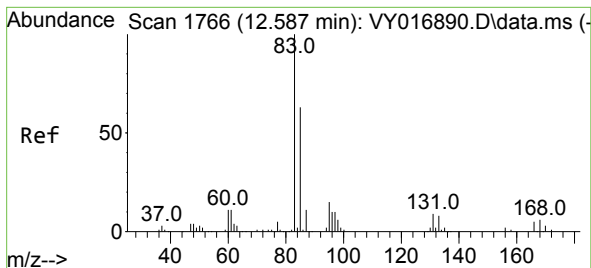


#74
N-ethyl acetate
Concen: 106.497 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41



Tgt Ion: 43 Resp: 67817
Ion Ratio Lower Upper
43 100
70 46.4 36.6 55.0
55 25.9 22.2 33.4
61 26.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 101.569 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

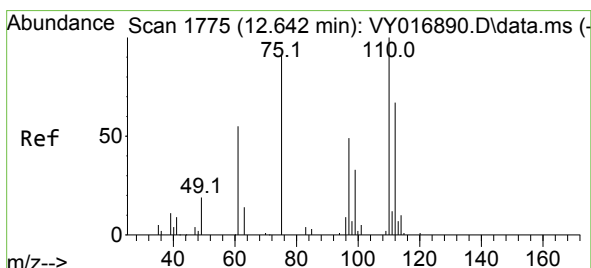
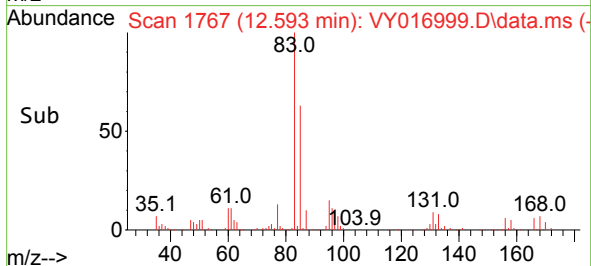
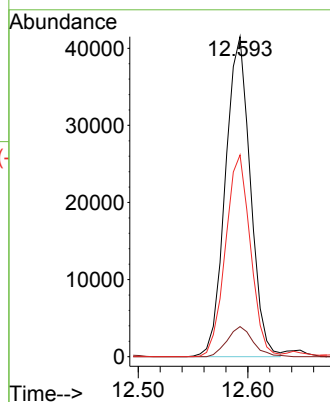
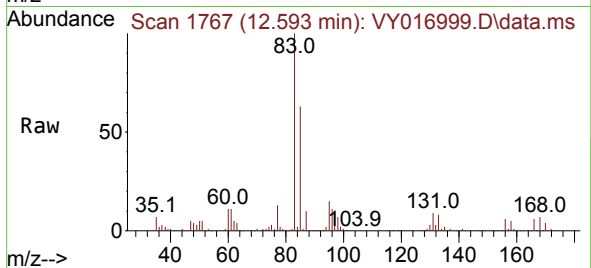
Tgt Ion: 83 Resp: 65593

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 63.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 179.690 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016999.D

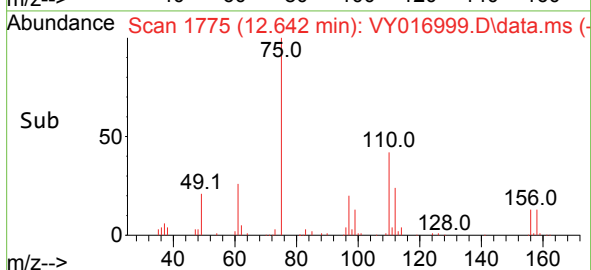
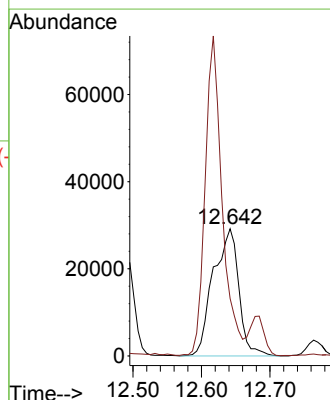
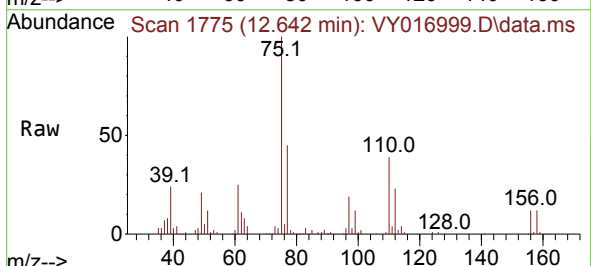
Acq: 12 Jan 2024 17:41

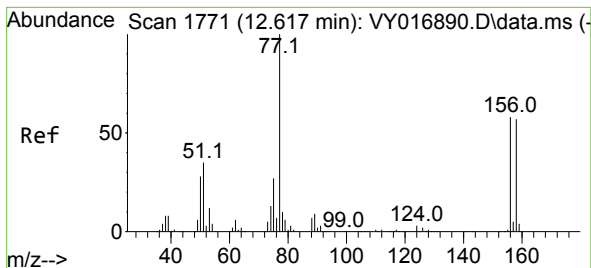
Tgt Ion: 75 Resp: 75684

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 96.544 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

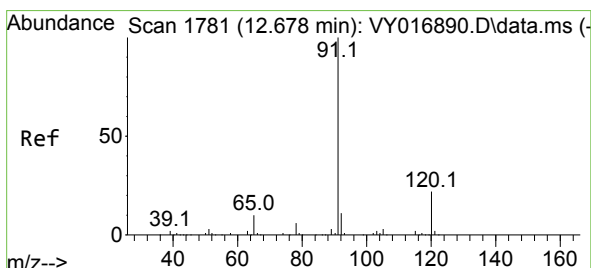
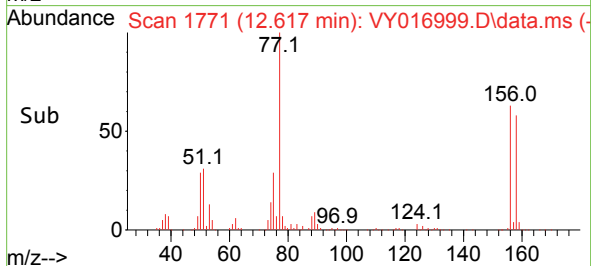
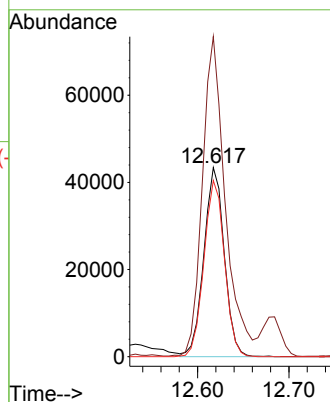
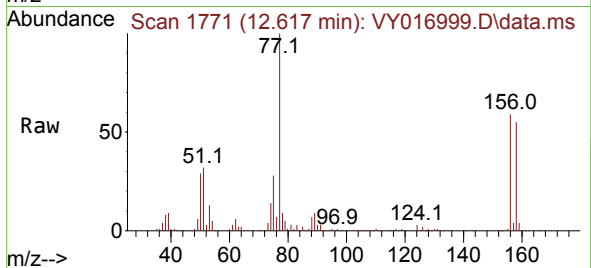
Tgt Ion:156 Resp: 67371

Ion Ratio Lower Upper

156 100

77 187.7 97.3 291.8

158 93.7 48.4 145.0



#78

n-propylbenzene

Concen: 92.432 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016999.D

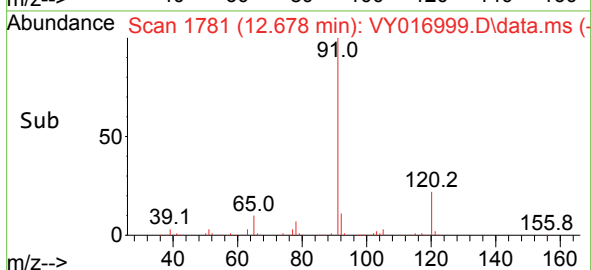
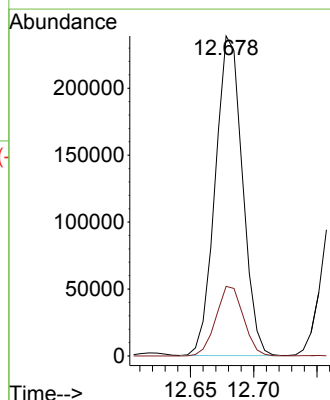
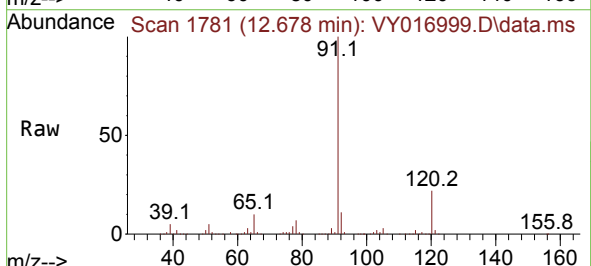
Acq: 12 Jan 2024 17:41

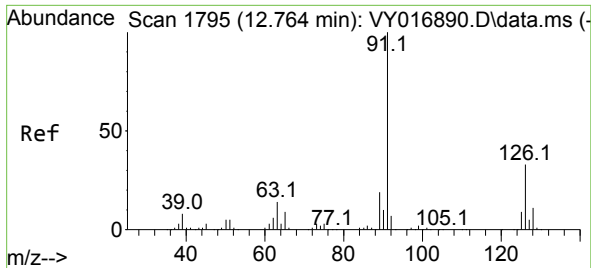
Tgt Ion: 91 Resp: 356159

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

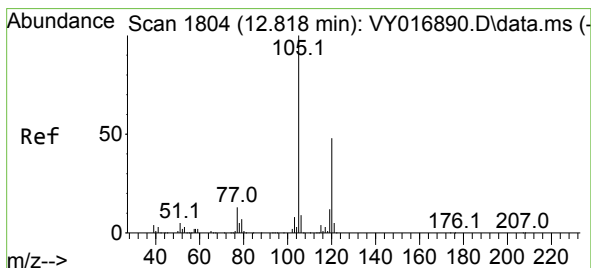
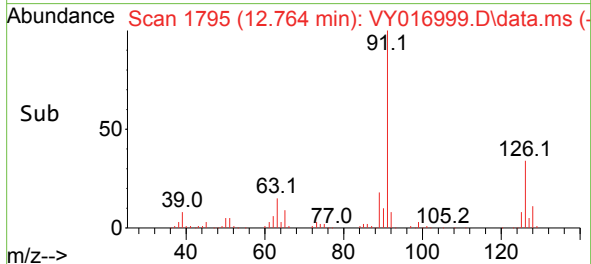
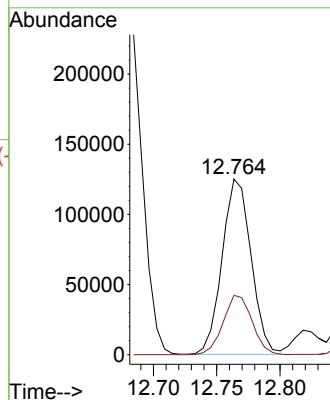
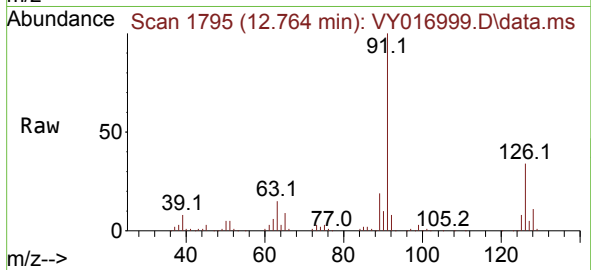




#79
2-Chlorotoluene
Concen: 93.297 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

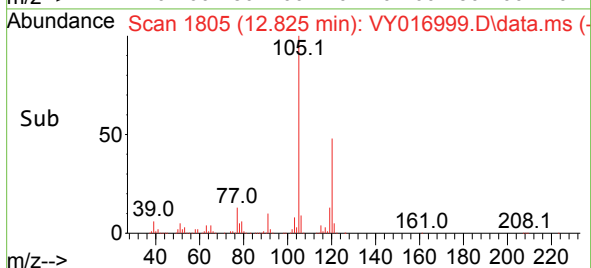
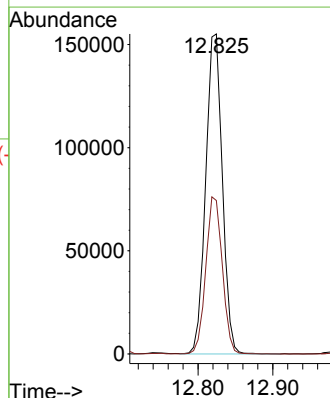
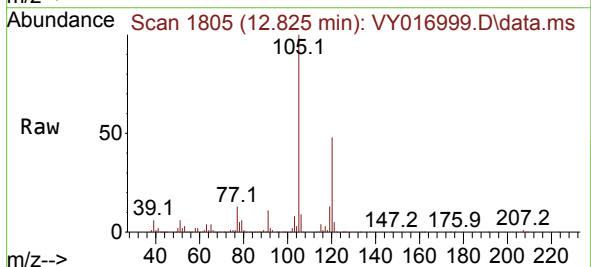
Instrument :
MSVOA_Y
ClientSampleId :

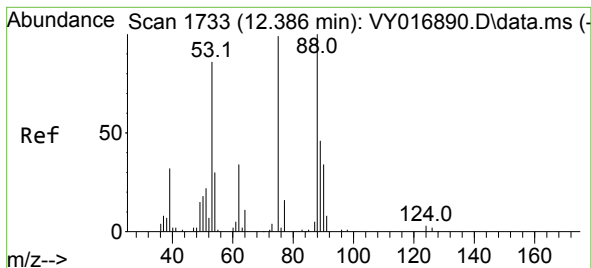
Tgt Ion: 91 Resp: 199345
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 95.476 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 105 Resp: 239328
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8

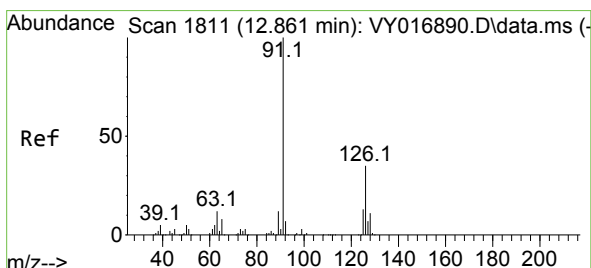
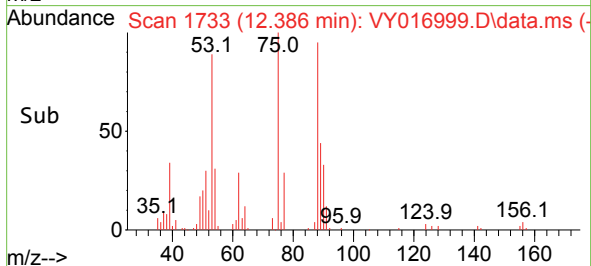
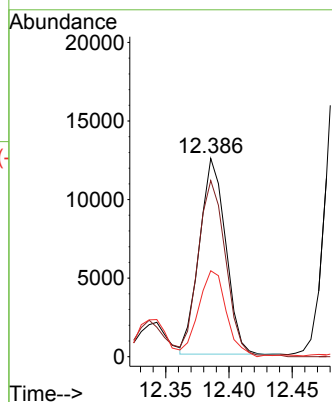
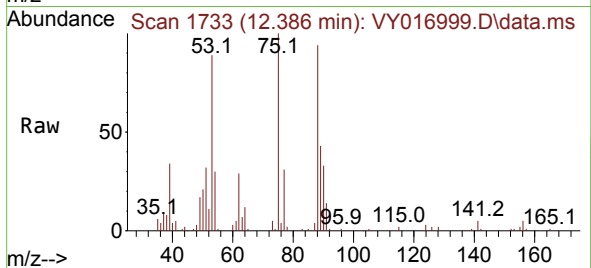




#81
trans-1,4-Dichloro-2-butene
Concen: 97.485 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.001 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

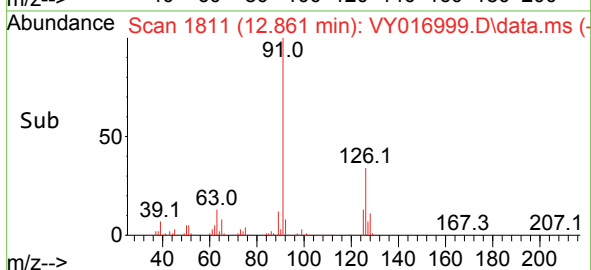
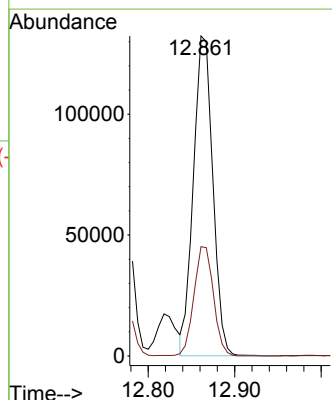
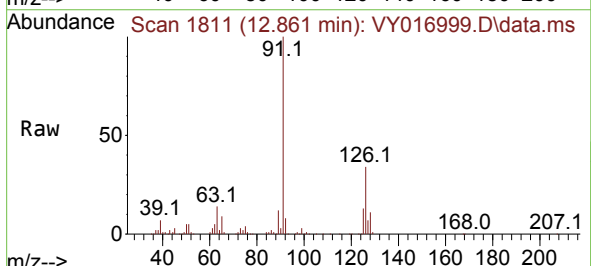
Instrument :
MSVOA_Y
ClientSampleId :

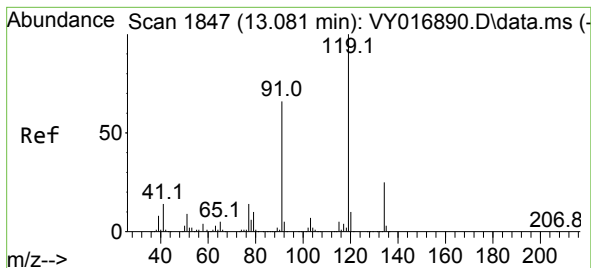
Tgt Ion: 75 Resp: 18082
Ion Ratio Lower Upper
75 100
53 94.5 74.0 111.0
89 46.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 94.444 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 91 Resp: 206163
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 99.519 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. -0.000 min

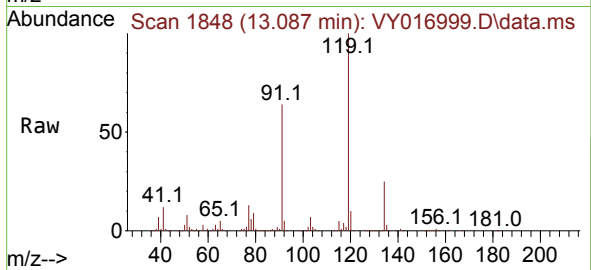
Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :



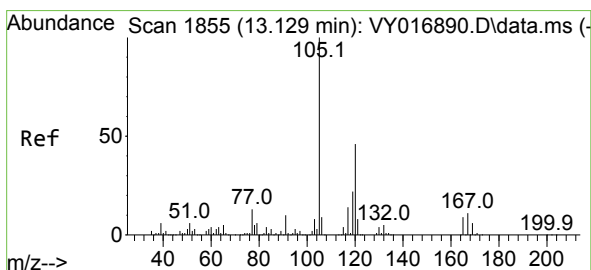
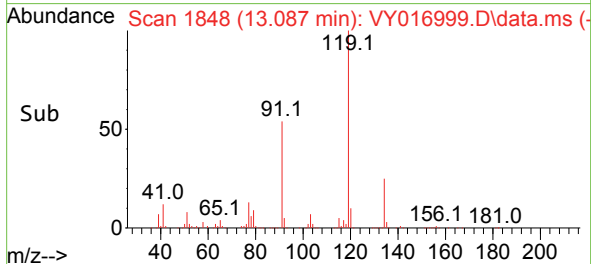
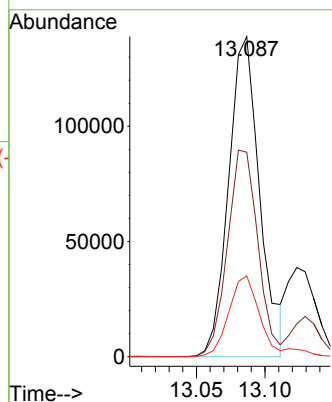
Tgt Ion:119 Resp: 219722

Ion Ratio Lower Upper

119 100

91 63.3 31.5 94.5

134 26.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 97.539 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016999.D

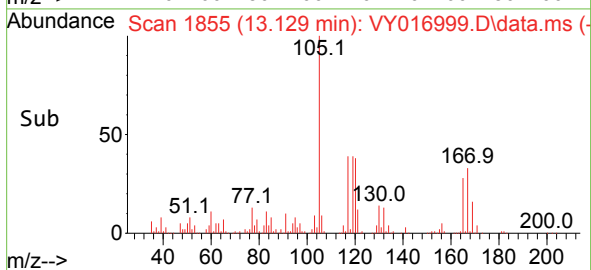
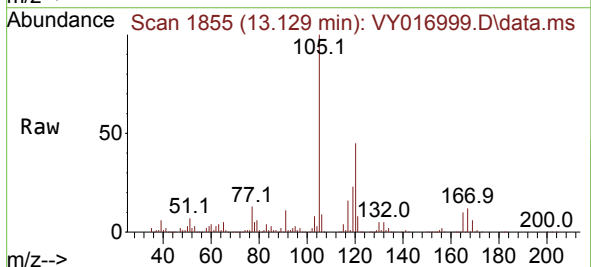
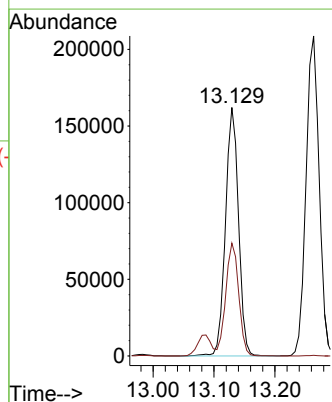
Acq: 12 Jan 2024 17:41

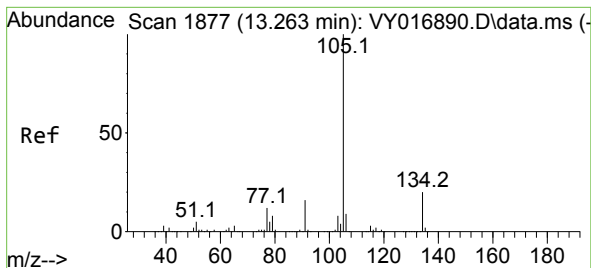
Tgt Ion:105 Resp: 240785

Ion Ratio Lower Upper

105 100

120 44.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 95.070 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

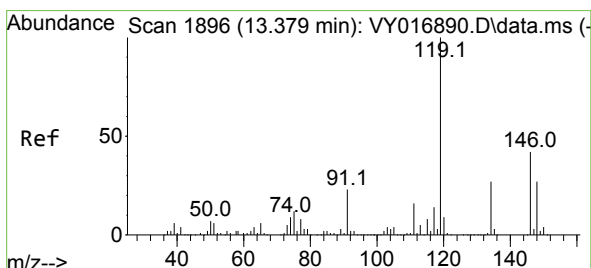
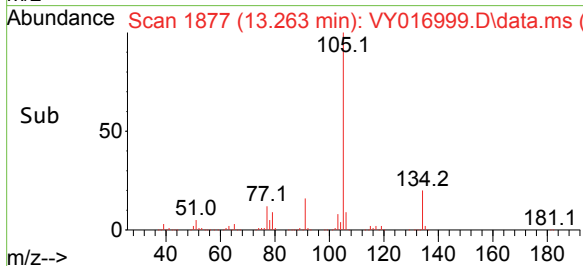
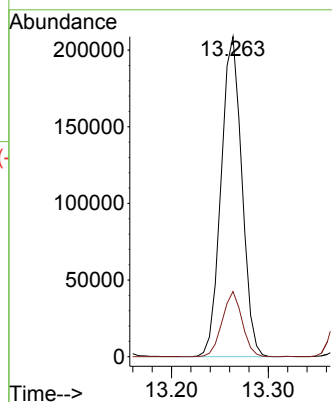
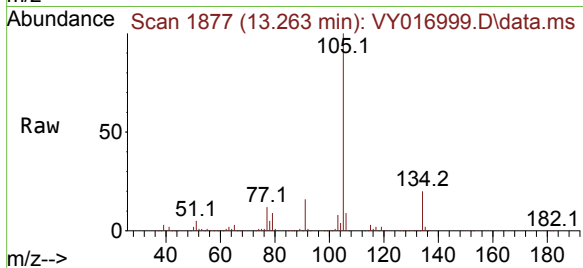
ClientSampleId :

Tgt Ion:105 Resp: 311017

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 96.996 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

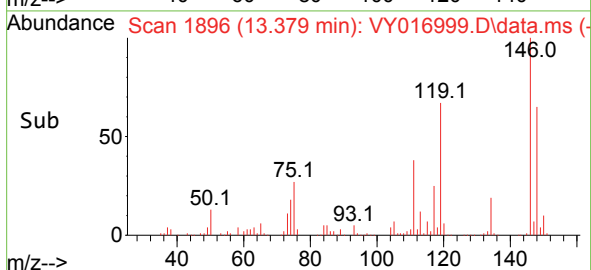
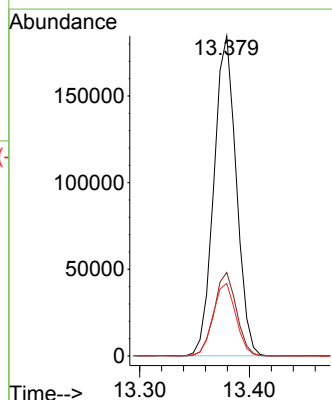
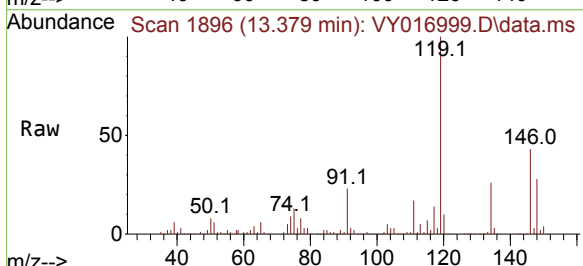
Tgt Ion:119 Resp: 261884

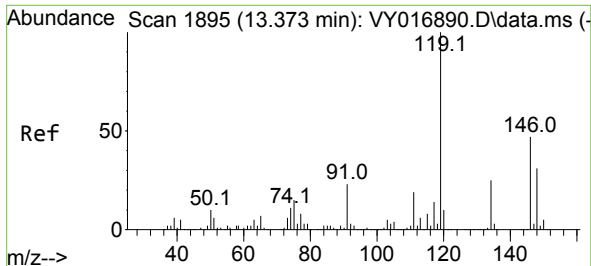
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 93.759 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

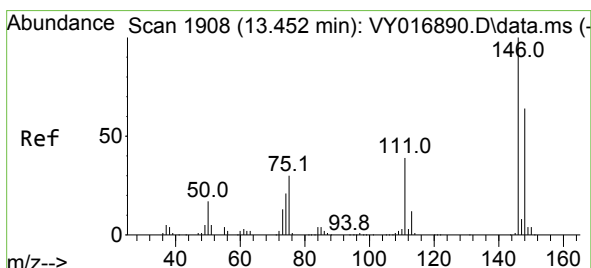
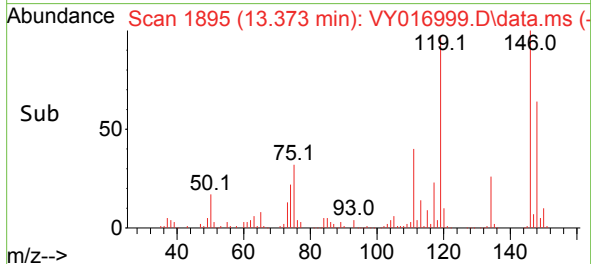
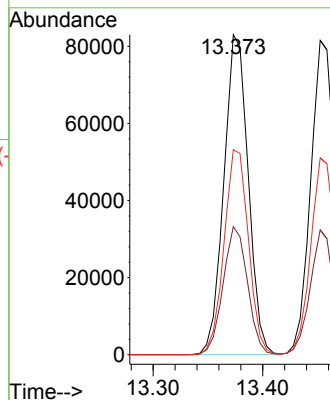
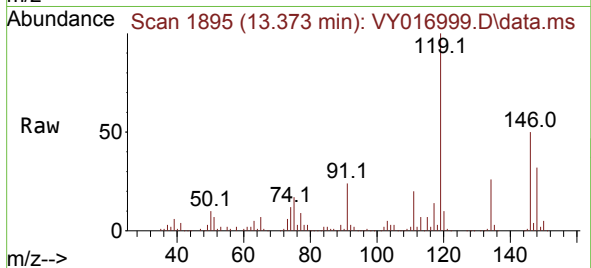
Tgt Ion:146 Resp: 128317

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 94.706 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

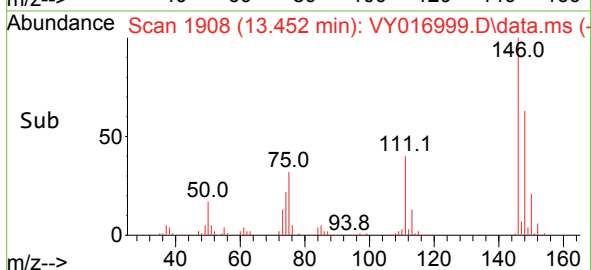
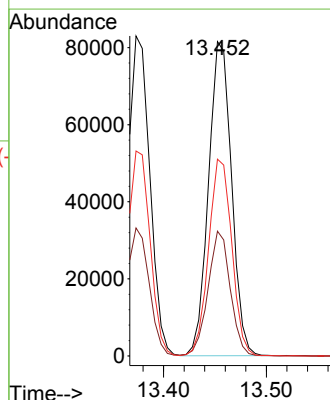
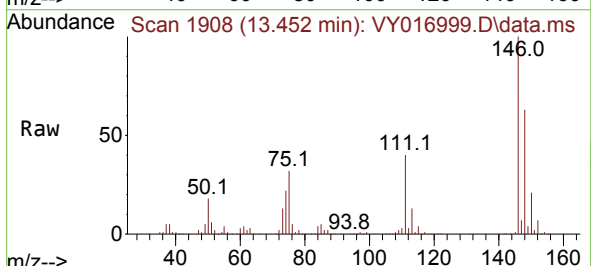
Tgt Ion:146 Resp: 126772

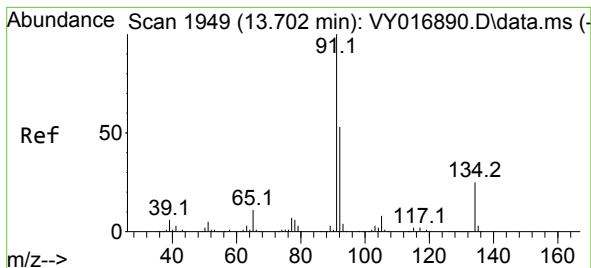
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

148 63.3 31.6 94.7





#89

n-Butylbenzene

Concen: 95.448 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

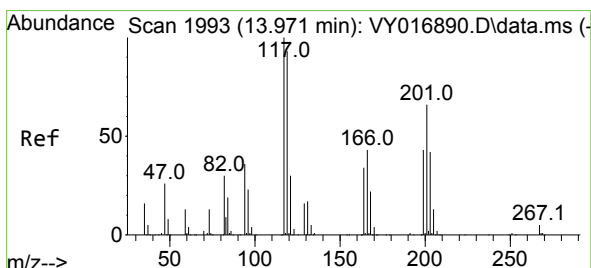
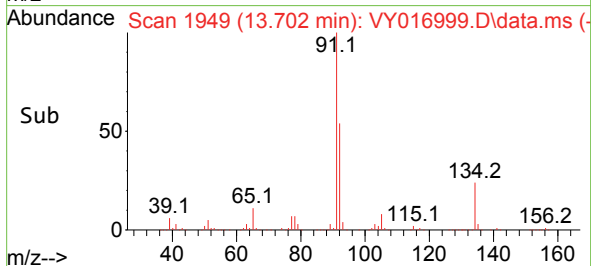
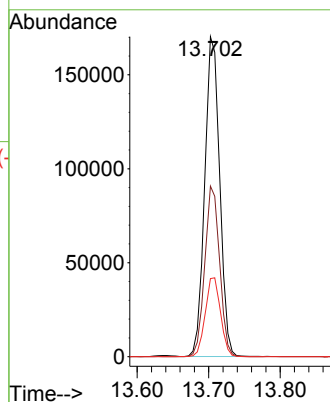
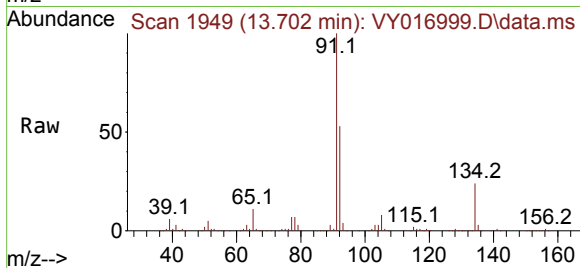
Tgt Ion: 91 Resp: 247774

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 25.3 12.3 36.8



#90

Hexachloroethane

Concen: 92.320 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016999.D

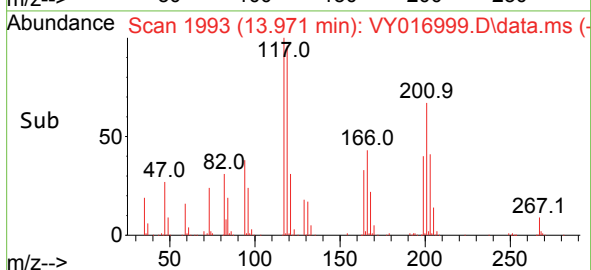
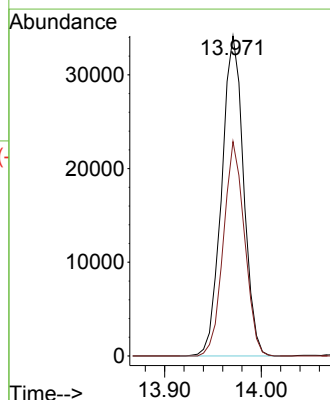
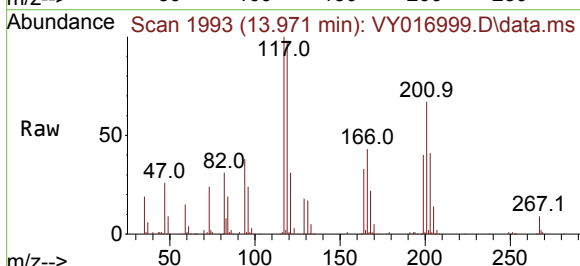
Acq: 12 Jan 2024 17:41

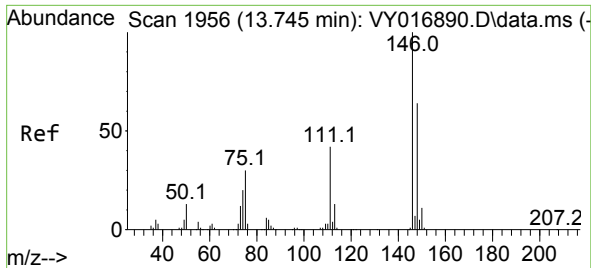
Tgt Ion: 117 Resp: 53561

Ion Ratio Lower Upper

117 100

201 64.7 33.4 100.1

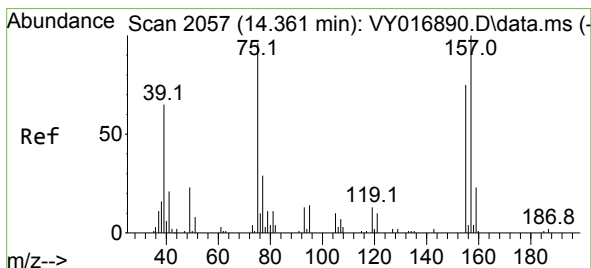
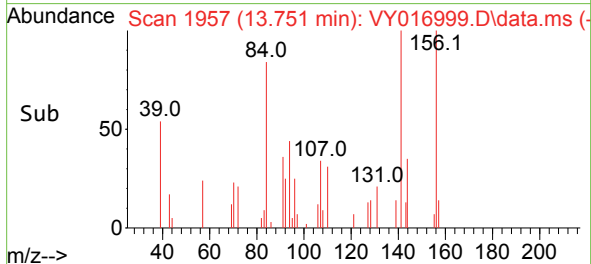
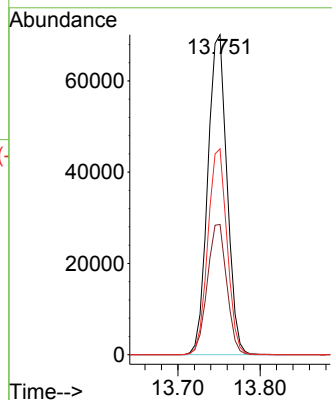
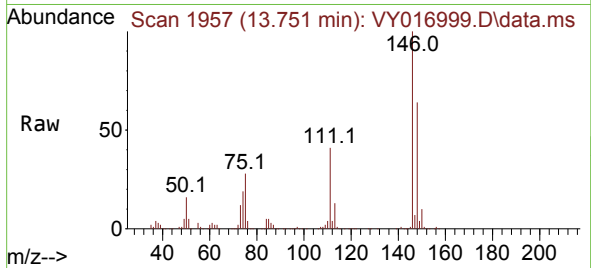




#91
1,2-Dichlorobenzene
Concen: 96.166 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

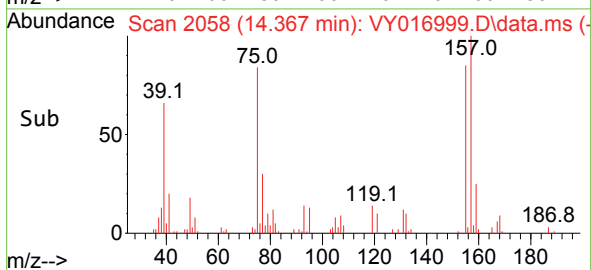
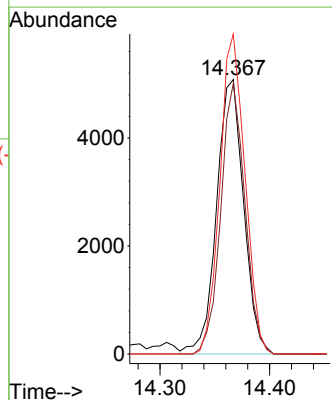
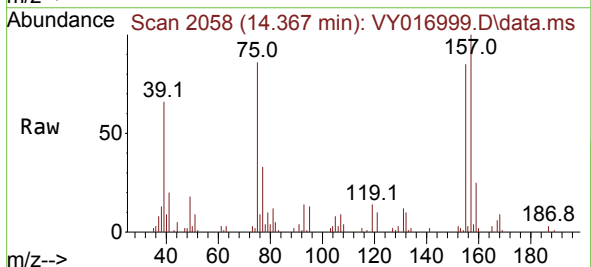
Instrument :
MSVOA_Y
ClientSampleId :

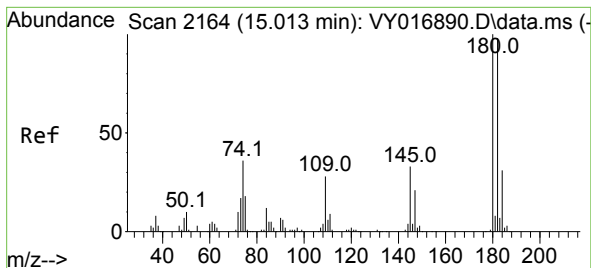
Tgt Ion:146 Resp: 113738
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 64.3 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 107.419 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion: 75 Resp: 8699
Ion Ratio Lower Upper
75 100
155 88.1 42.1 126.3
157 108.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 105.041 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

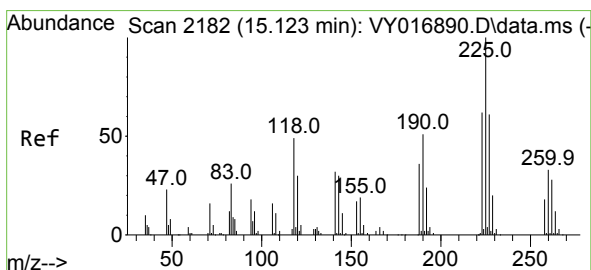
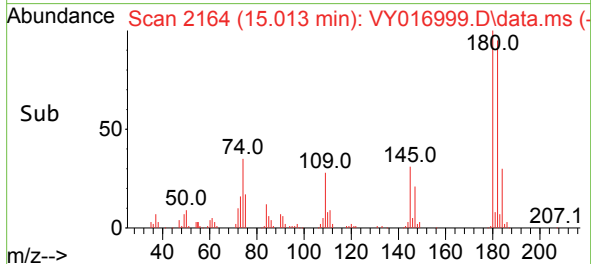
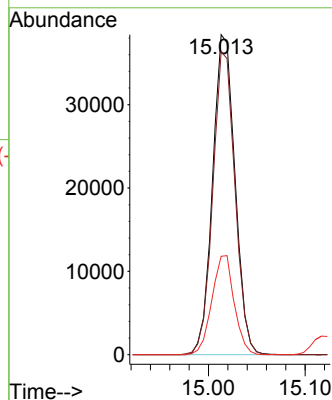
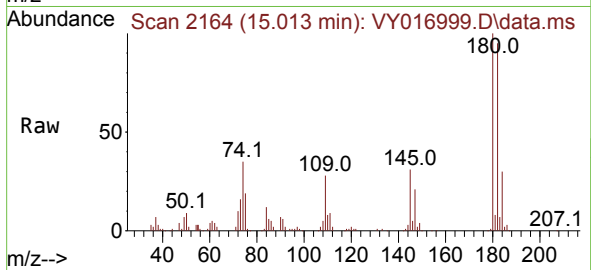
Tgt Ion:180 Resp: 61692

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.7

145 30.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 88.396 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016999.D

Acq: 12 Jan 2024 17:41

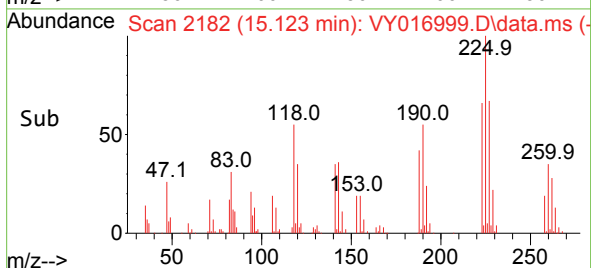
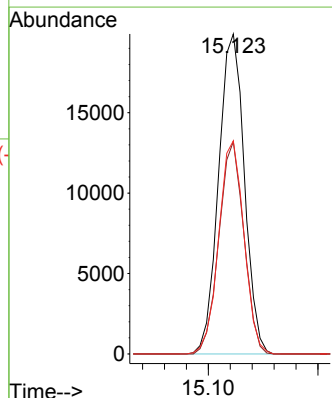
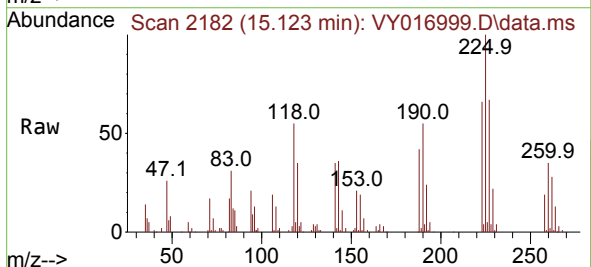
Tgt Ion:225 Resp: 32523

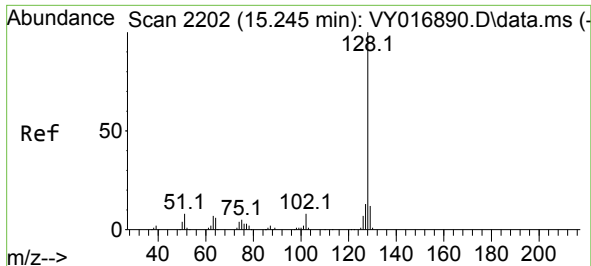
Ion Ratio Lower Upper

225 100

223 64.0 31.4 94.3

227 65.1 32.3 96.8

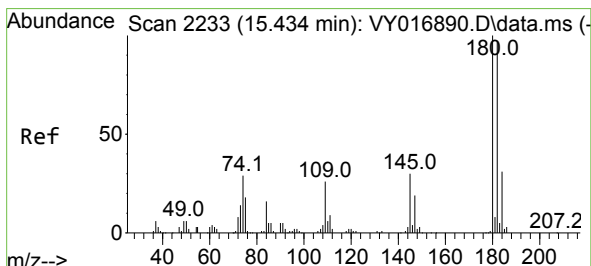
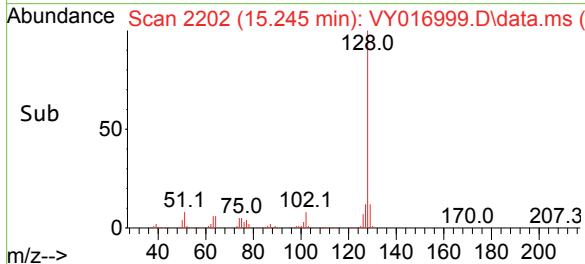
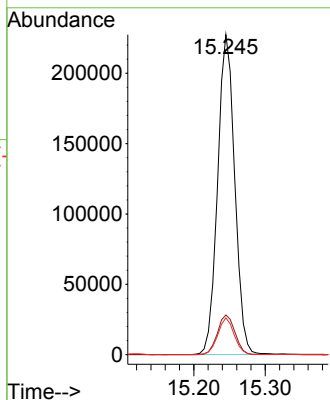
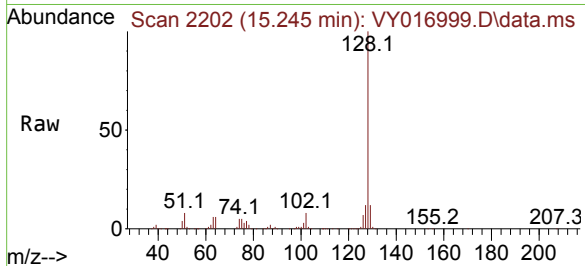




#95
Naphthalene
Concen: 243.203 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 377861
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 107.358 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016999.D
Acq: 12 Jan 2024 17:41

Tgt Ion:180 Resp: 53538
Ion Ratio Lower Upper
180 100
182 96.2 46.3 138.8
145 32.6 16.1 48.2

