

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016984.D
 Acq On : 12 Jan 2024 11:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:01:47 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	7.801	168	122836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	201530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	171830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	56187	46.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.560%
35) Dibromofluoromethane	7.728	113	62271	48.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.980%
50) Toluene-d8	10.191	98	215438	48.717	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.495	95	70983	47.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	38852	41.328	ug/l	99
3) Chloromethane	2.125	50	63748	44.178	ug/l	97
4) Vinyl Chloride	2.259	62	78637	46.201	ug/l	100
5) Bromomethane	2.662	94	56423	46.273	ug/l	99
6) Chloroethane	2.808	64	55098	47.855	ug/l	98
7) Trichlorofluoromethane	3.137	101	101671	48.480	ug/l	99
8) Diethyl Ether	3.540	74	33923	50.615	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	66457	48.736	ug/l	99
10) Methyl Iodide	4.107	142	60875	52.475	ug/l	99
11) Tert butyl alcohol	4.966	59	24708	284.313	ug/l	99
12) 1,1-Dichloroethene	3.887	96	56573	48.354	ug/l	97
13) Acrolein	3.741	56	26545	198.891	ug/l	100
14) Allyl chloride	4.497	41	91416	49.425	ug/l	98
15) Acrylonitrile	5.173	53	80023	255.264	ug/l	100
16) Acetone	3.960	43	75601	252.944	ug/l	97
17) Carbon Disulfide	4.210	76	119436	42.724	ug/l	100
18) Methyl Acetate	4.491	43	75242	57.847	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	165755	54.456	ug/l	99
20) Methylene Chloride	4.734	84	72474	45.401	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	65902	49.182	ug/l	100
22) Diisopropyl ether	6.131	45	227280	53.152	ug/l	97
23) Vinyl Acetate	6.070	43	496375	253.166	ug/l	99
24) 1,1-Dichloroethane	6.033	63	130668	50.851	ug/l	99
25) 2-Butanone	6.996	43	105241	254.179	ug/l	100
26) 2,2-Dichloropropane	6.996	77	115736	51.947	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	82449	52.490	ug/l	99
28) Bromochloromethane	7.350	49	53899	55.872	ug/l	98
29) Tetrahydrofuran	7.362	42	61620	250.771	ug/l	99
30) Chloroform	7.521	83	137683	51.994	ug/l	98
31) Cyclohexane	7.801	56	93758	44.995	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	116296	51.796	ug/l	99
36) 1,1-Dichloropropene	7.929	75	95166	50.848	ug/l	99
37) Ethyl Acetate	7.082	43	44226	51.999	ug/l	99
38) Carbon Tetrachloride	7.917	117	99396	52.273	ug/l	98
39) Methylcyclohexane	9.197	83	104292	49.568	ug/l	98
40) Benzene	8.173	78	289366	51.541	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	27129	60.564	ug/l	99
42) 1,2-Dichloroethane	8.246	62	78255	52.504	ug/l	99
43) Isopropyl Acetate	8.283	43	85241	52.336	ug/l	99
44) Trichloroethene	8.953	130	74170	51.918	ug/l	95
45) 1,2-Dichloropropane	9.228	63	75501	52.200	ug/l	98
46) Dibromomethane	9.319	93	38510	52.206	ug/l	99
47) Bromodichloromethane	9.508	83	106235	53.631	ug/l	97
48) Methyl methacrylate	9.301	41	46629	53.049	ug/l	95
49) 1,4-Dioxane	9.313	88	8221	1076.342	ug/l	99
51) 4-Methyl-2-Pentanone	10.081	43	235373	271.734	ug/l	99
52) Toluene	10.252	92	179078	52.852	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	95917	54.059	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	115621	54.262	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	57332	53.200	ug/l	99
56) Ethyl methacrylate	10.520	69	51952	56.916	ug/l	98
57) 1,3-Dichloropropane	10.800	76	96523	53.646	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	149595	259.717	ug/l	100
59) 2-Hexanone	10.843	43	162415	254.649	ug/l	99
60) Dibromochloromethane	10.996	129	67605	54.398	ug/l	99
61) 1,2-Dibromoethane	11.099	107	50395	53.823	ug/l	99
64) Tetrachloroethene	10.733	164	56034	50.300	ug/l	98
65) Chlorobenzene	11.526	112	190528	53.227	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	74889	55.036	ug/l	100
67) Ethyl Benzene	11.605	91	346901	53.830	ug/l	99
68) m/p-Xylenes	11.715	106	258665	109.350	ug/l	100
69) o-Xylene	12.038	106	123649	55.759	ug/l	97
70) Styrene	12.056	104	181053	56.097	ug/l	99
71) Bromoform	12.221	173	37394	55.823	ug/l #	99
73) Isopropylbenzene	12.343	105	337648	54.661	ug/l	100
74) N-amyl acetate	12.154	43	66532	53.608	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	64768	51.460	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	77355	94.235	ug/l #	100
77) Bromobenzene	12.623	156	72201	53.088	ug/l	98
78) n-propylbenzene	12.684	91	405603	54.011	ug/l	100
79) 2-Chlorotoluene	12.770	91	222258	53.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	268839	55.029	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	19409	53.690	ug/l	97
82) 4-Chlorotoluene	12.867	91	229730	53.999	ug/l	100
83) tert-Butylbenzene	13.087	119	239093	55.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	267699	55.642	ug/l	99
85) sec-Butylbenzene	13.263	105	348525	54.664	ug/l	100
86) p-Isopropyltoluene	13.379	119	291264	55.352	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	142391	53.384	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	138768	53.192	ug/l	99
89) n-Butylbenzene	13.708	91	277769	54.903	ug/l	99
90) Hexachloroethane	13.971	117	59137	52.301	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	121690	52.793	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8378	53.083	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	66124	57.769	ug/l	98
94) Hexachlorobutadiene	15.123	225	38172	53.234	ug/l	99
95) Naphthalene	15.251	128	120886	56.956	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	53621	55.171	ug/l	96

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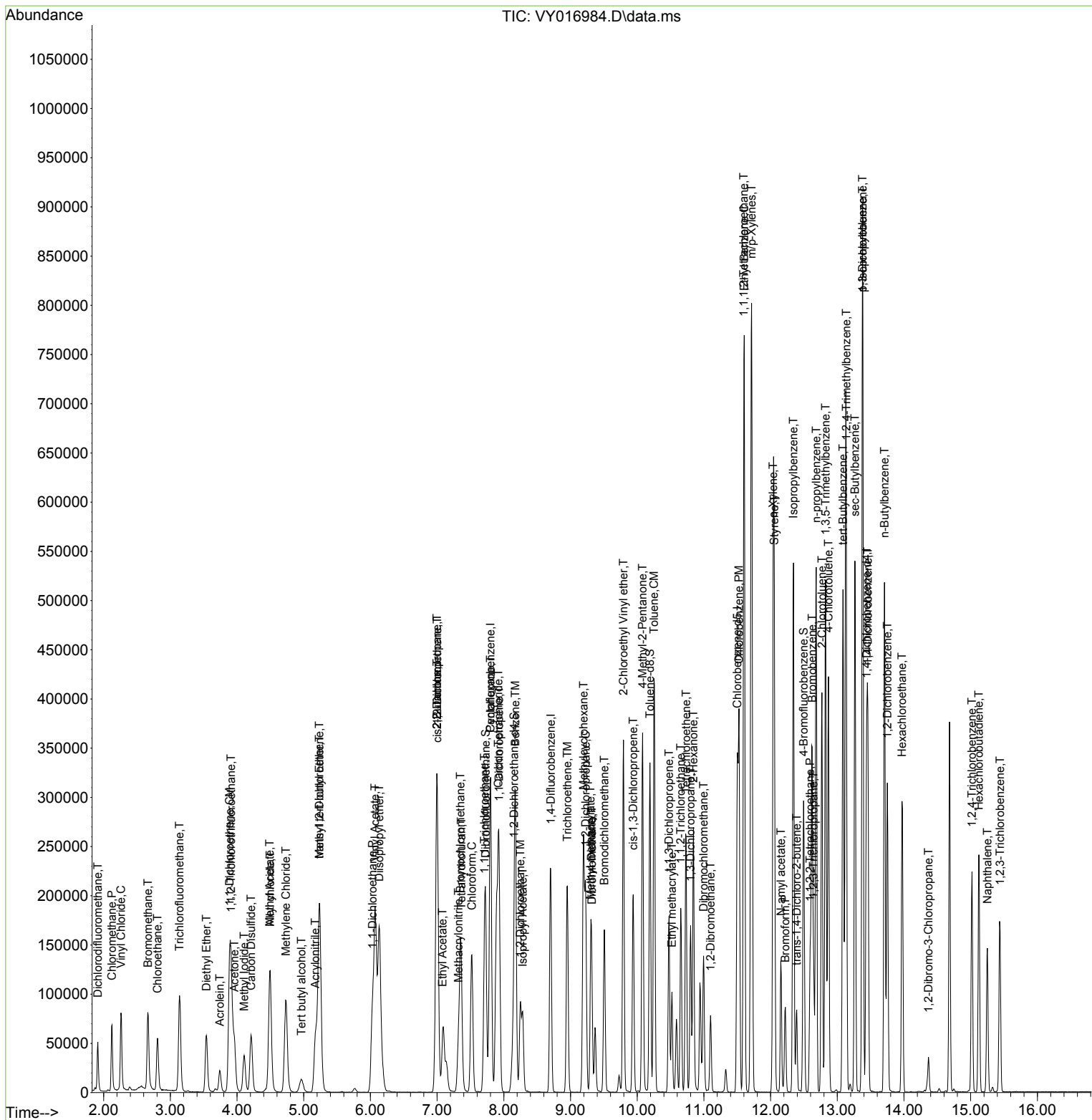
Instrument :
MSVOA_Y
ClientSampleId :

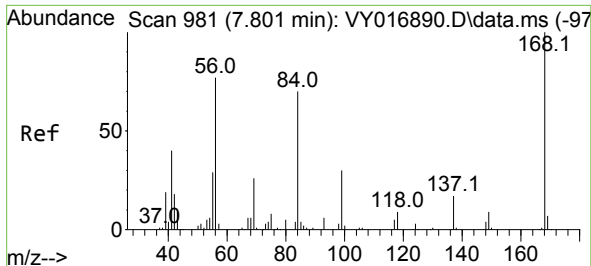
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QLast Update : Tue Jan 02 14:25:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

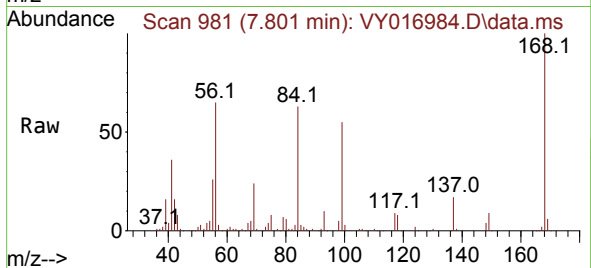
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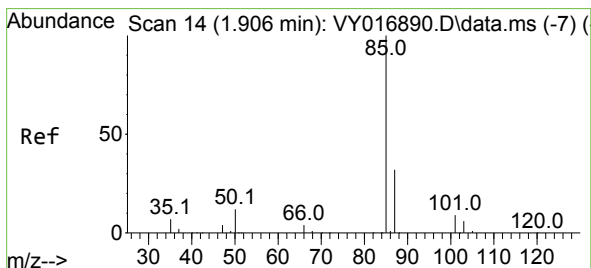
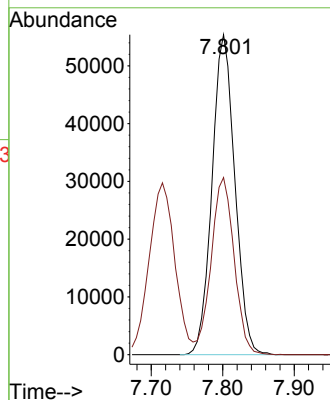
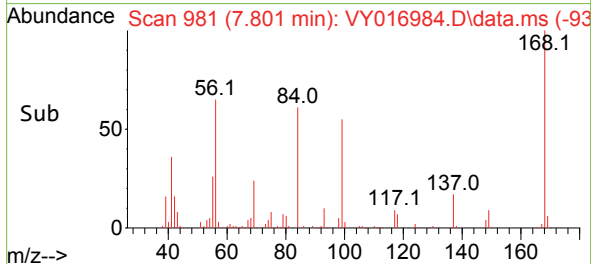


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
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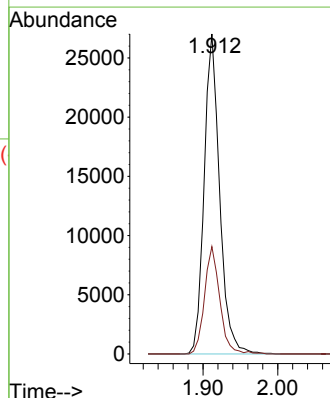
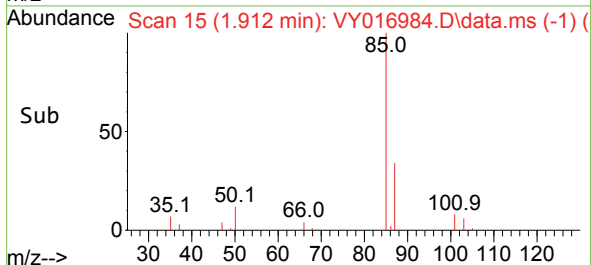
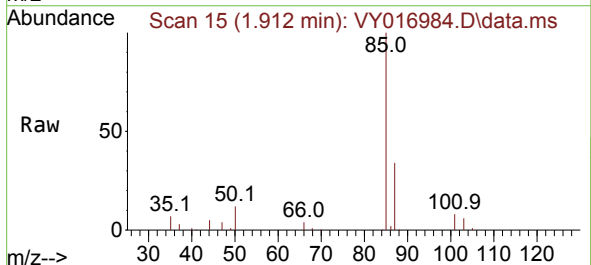


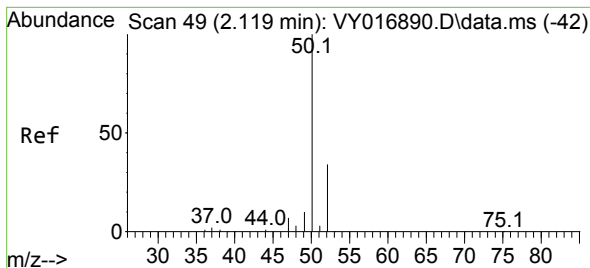
Tgt Ion:168 Resp: 122836
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 41.328 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 85 Resp: 38852
Ion Ratio Lower Upper
85 100
87 33.6 17.1 51.3





#3

Chloromethane

Concen: 44.178 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

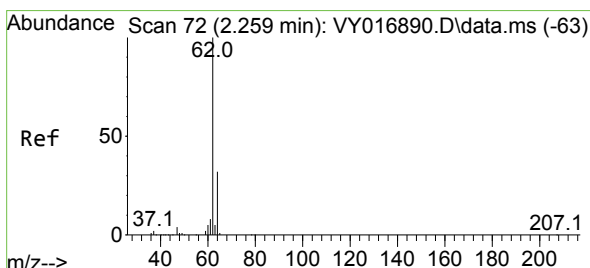
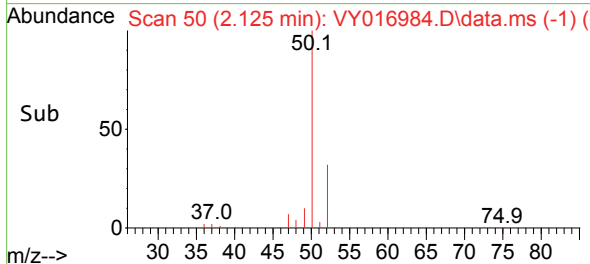
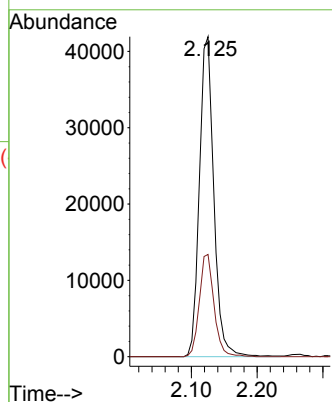
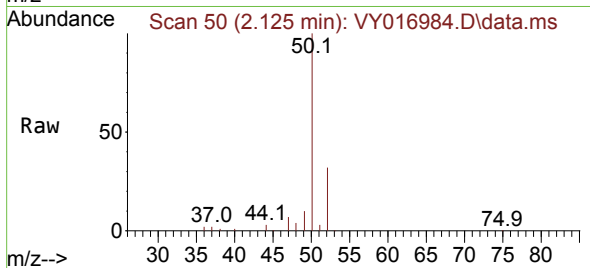
ClientSampleId :

Tgt Ion: 50 Resp: 63748

Ion Ratio Lower Upper

50 100

52 32.0 26.7 40.1



#4

Vinyl Chloride

Concen: 46.201 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016984.D

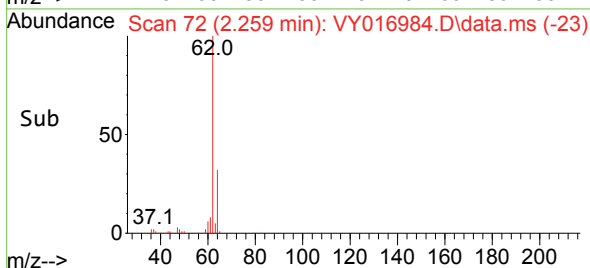
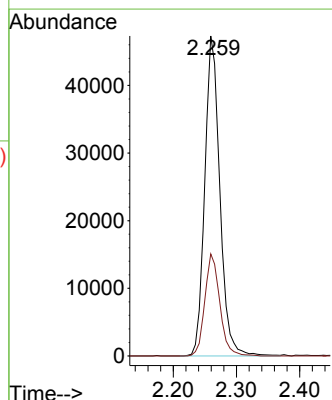
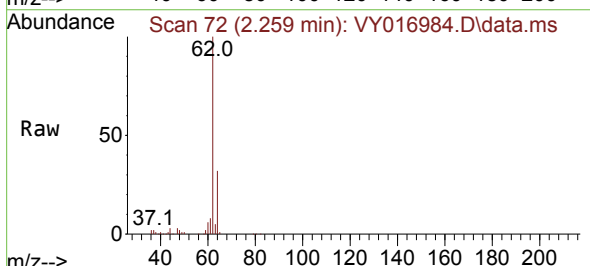
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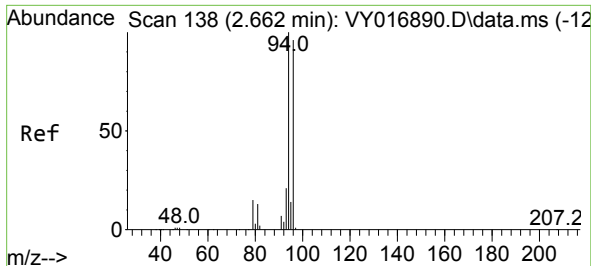
Tgt Ion: 62 Resp: 78637

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5

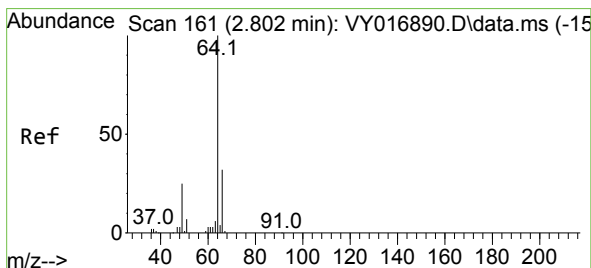
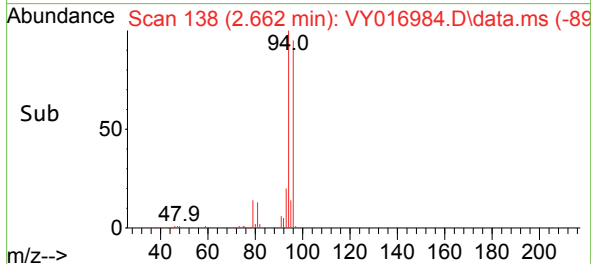
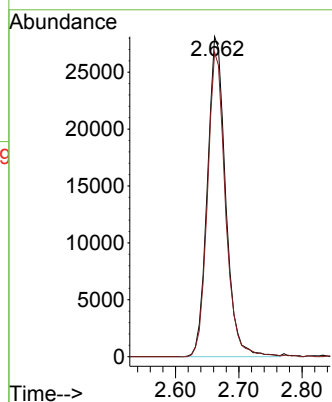
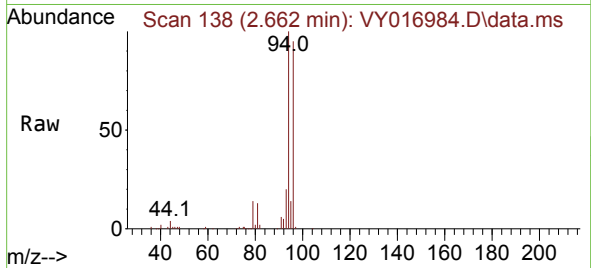




#5
Bromomethane
Concen: 46.273 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

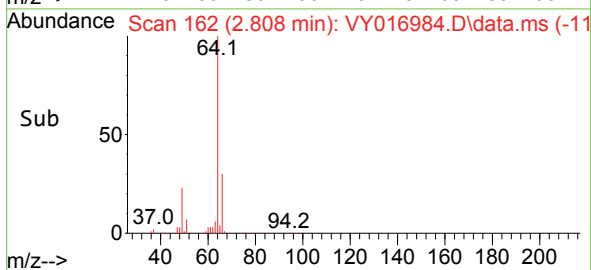
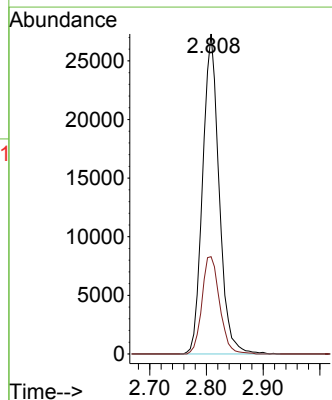
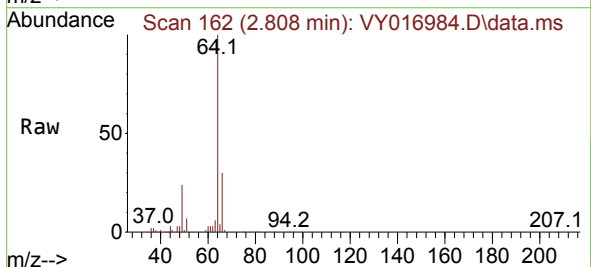
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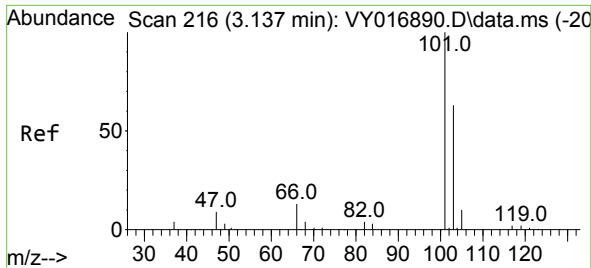
Tgt Ion: 94 Resp: 56423
Ion Ratio Lower Upper
94 100
96 95.1 77.3 115.9



#6
Chloroethane
Concen: 47.855 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 64 Resp: 55098
Ion Ratio Lower Upper
64 100
66 30.4 25.1 37.7

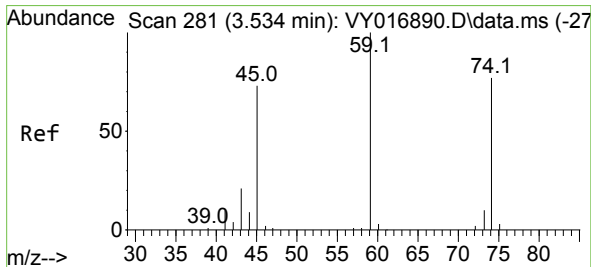
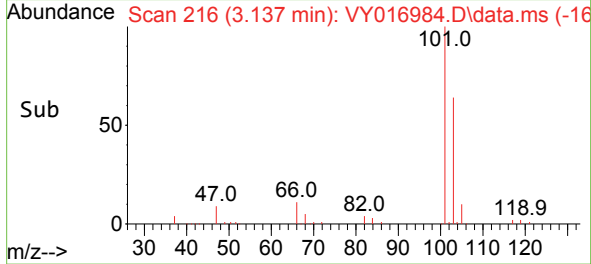
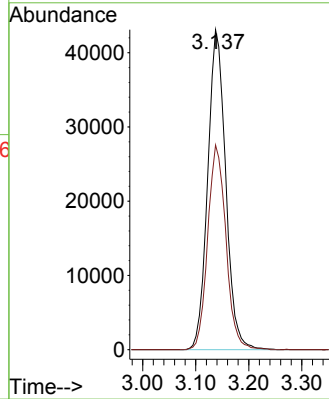
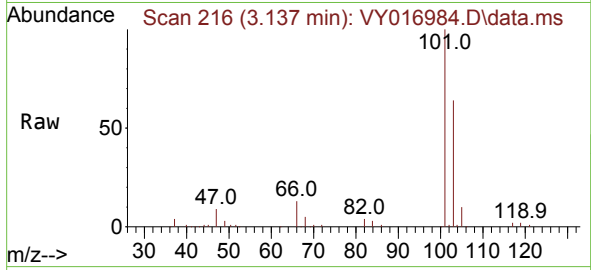




#7
Trichlorofluoromethane
Concen: 48.480 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

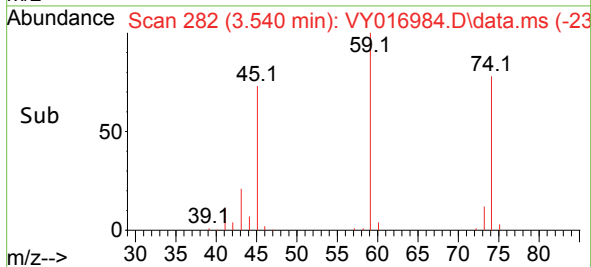
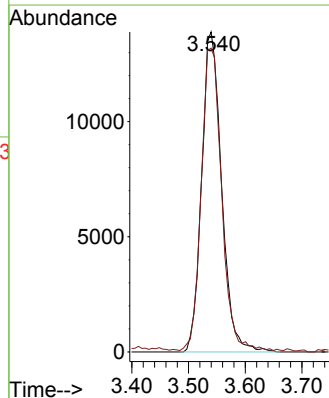
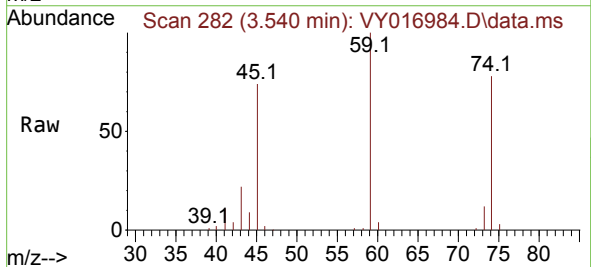
Instrument :
MSVOA_Y
ClientSampleId :

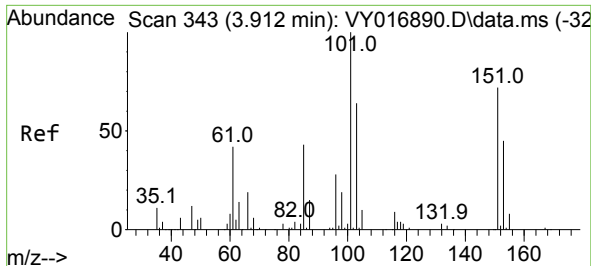
Tgt Ion:101 Resp: 101671
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9



#8
Diethyl Ether
Concen: 50.615 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

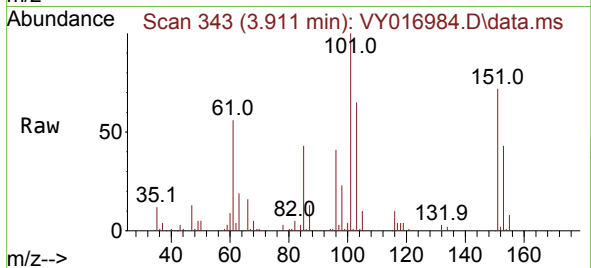
Tgt Ion: 74 Resp: 33923
Ion Ratio Lower Upper
74 100
45 96.3 47.9 143.7



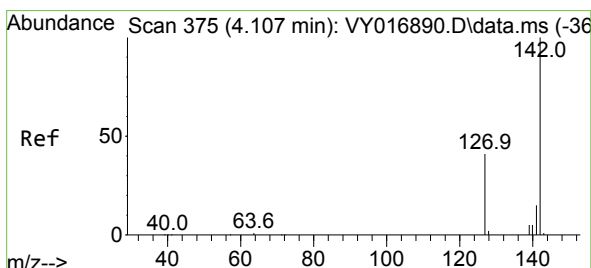
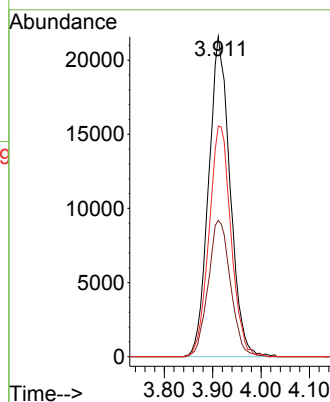
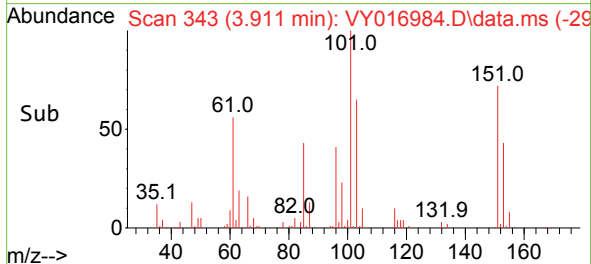


#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.736 ug/l
RT: 3.911 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Instrument :
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ClientSampleId :

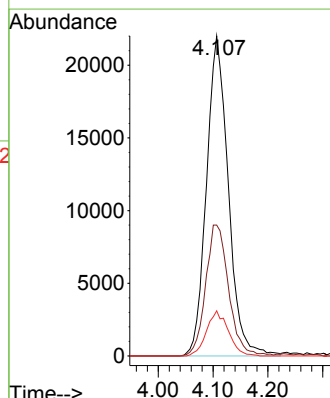
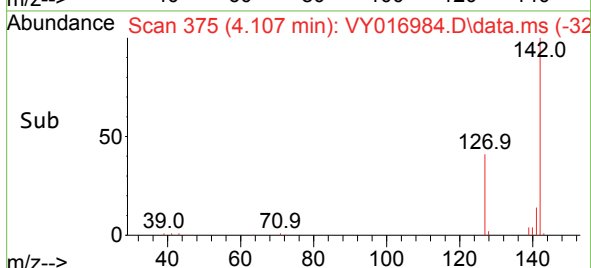
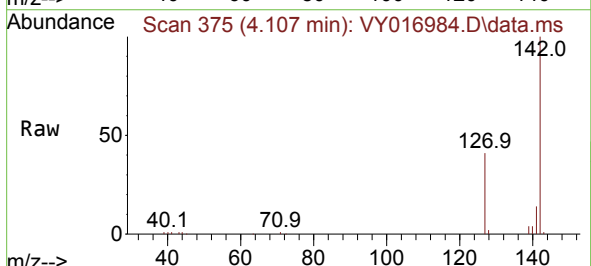


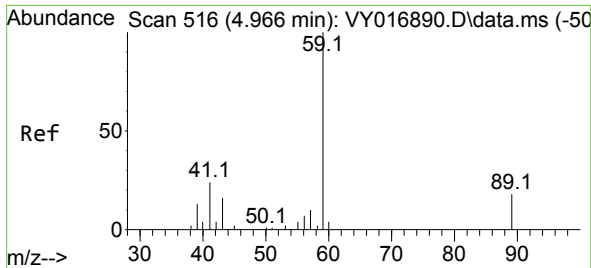
Tgt Ion:101 Resp: 66457
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.6
151 73.9 58.6 88.0



#10
Methyl Iodide
Concen: 52.475 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion:142 Resp: 60875
Ion Ratio Lower Upper
142 100
127 43.1 35.1 52.7
141 14.1 11.8 17.6

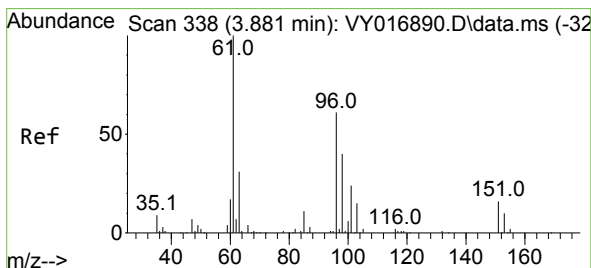
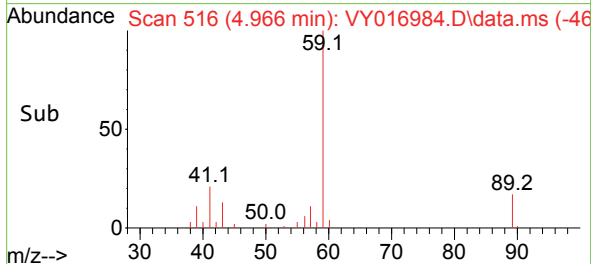
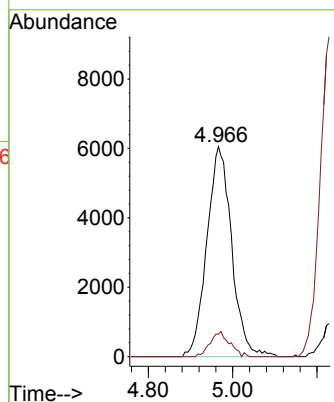
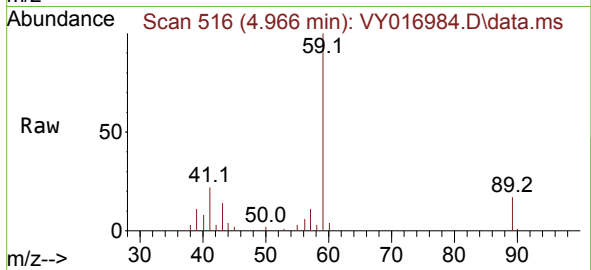




#11
Tert butyl alcohol
Concen: 284.313 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

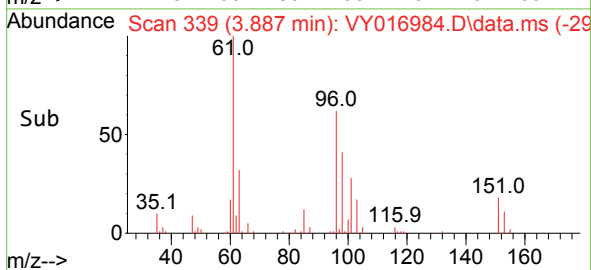
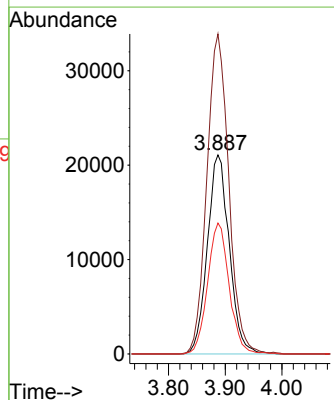
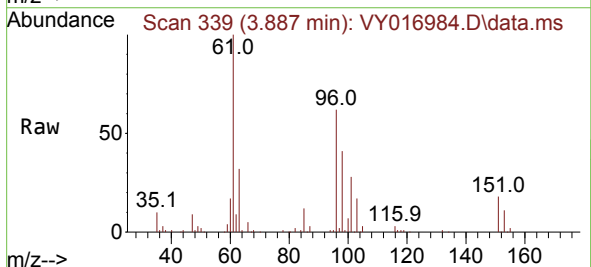
Instrument :
MSVOA_Y
ClientSampleId :

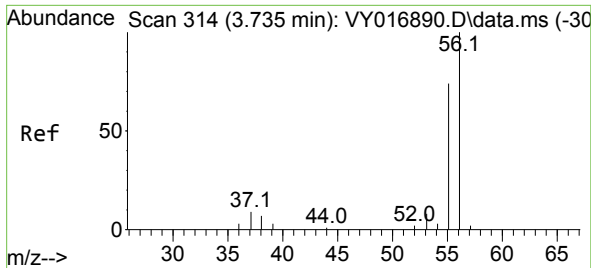
Tgt Ion: 59 Resp: 24708
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.0



#12
1,1-Dichloroethene
Concen: 48.354 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 96 Resp: 56573
Ion Ratio Lower Upper
96 100
61 160.7 124.2 186.2
98 65.7 52.6 79.0





#13

Acrolein

Concen: 198.891 ug/l

RT: 3.741 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

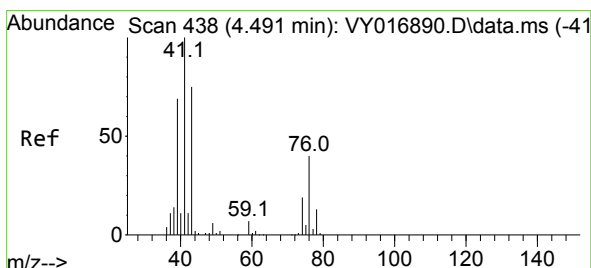
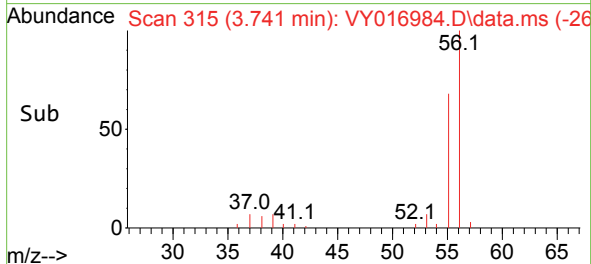
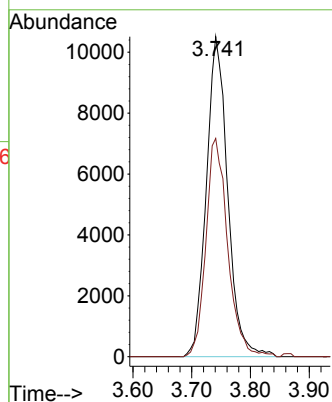
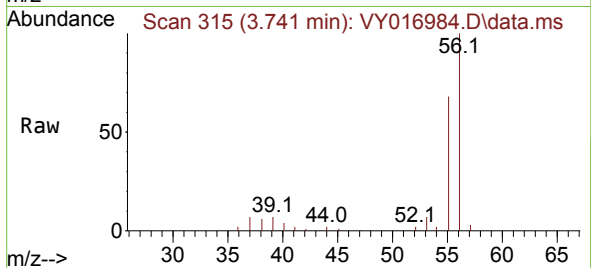
ClientSampleId :

Tgt Ion: 56 Resp: 26545

Ion Ratio Lower Upper

56 100

55 69.6 55.4 83.0



#14

Allyl chloride

Concen: 49.425 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

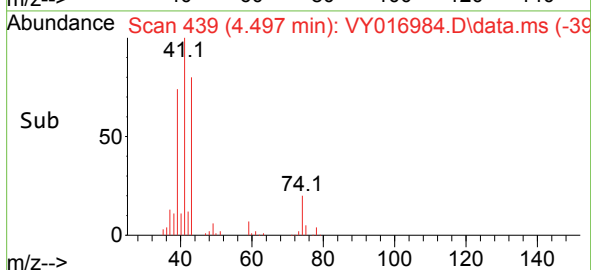
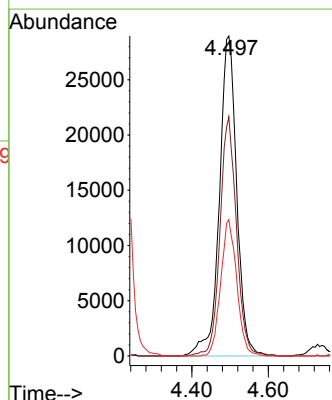
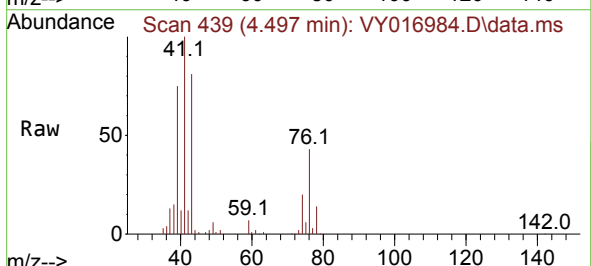
Tgt Ion: 41 Resp: 91416

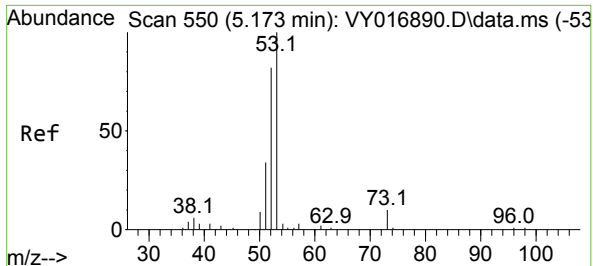
Ion Ratio Lower Upper

41 100

39 70.9 54.7 82.1

76 39.5 31.8 47.6

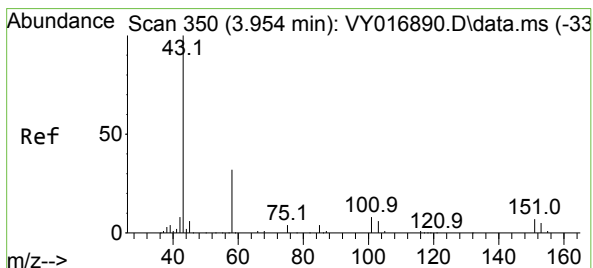
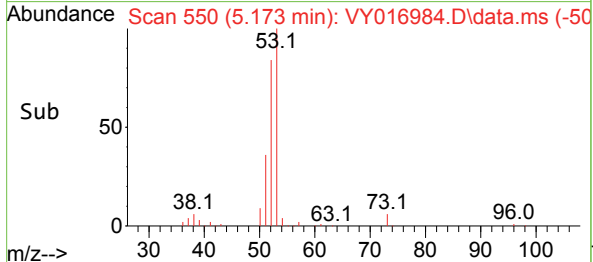
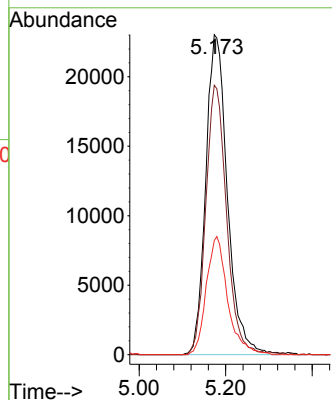
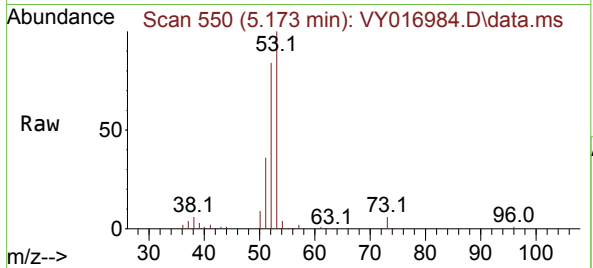




#15
Acrylonitrile
Concen: 255.264 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

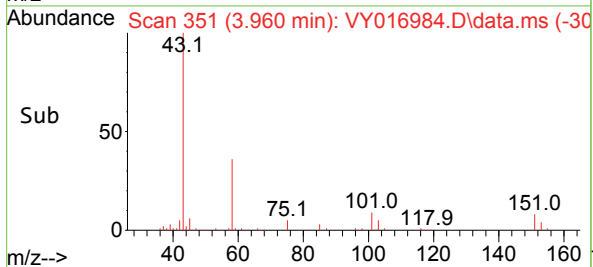
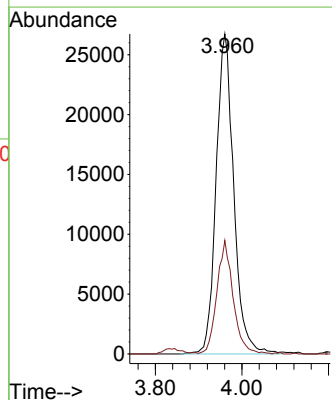
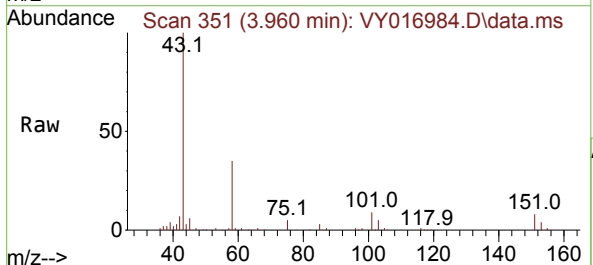
Instrument :
MSVOA_Y
ClientSampleId :

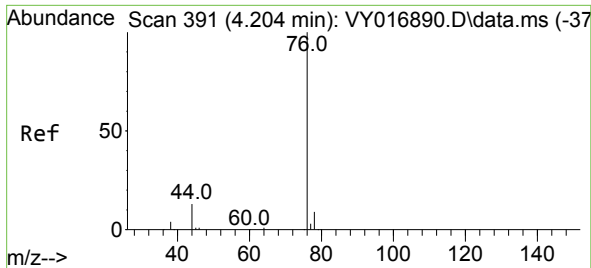
Tgt Ion: 53 Resp: 80023
Ion Ratio Lower Upper
53 100
52 81.1 65.1 97.7
51 36.5 29.0 43.4



#16
Acetone
Concen: 252.944 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 43 Resp: 75601
Ion Ratio Lower Upper
43 100
58 35.0 26.6 39.8





#17

Carbon Disulfide

Concen: 42.724 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

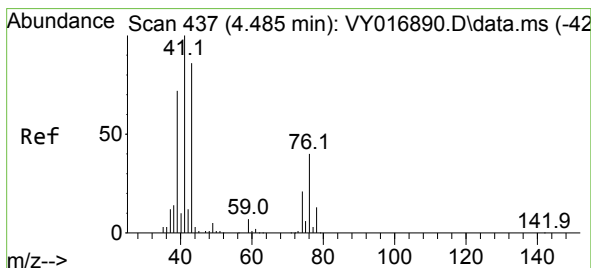
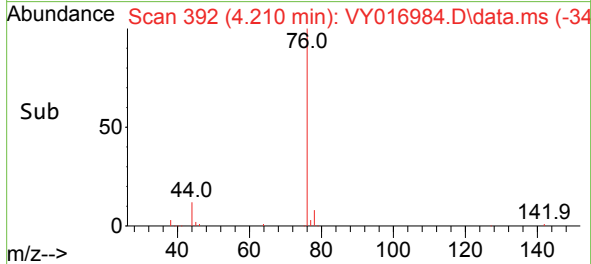
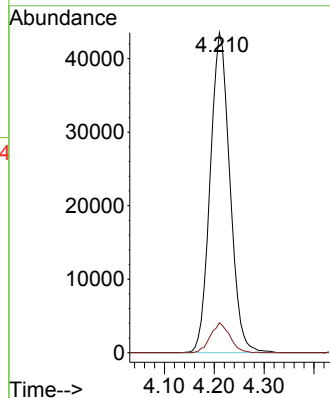
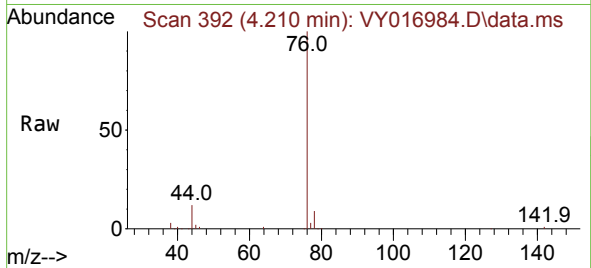
ClientSampleId :

Tgt Ion: 76 Resp: 119436

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 57.847 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016984.D

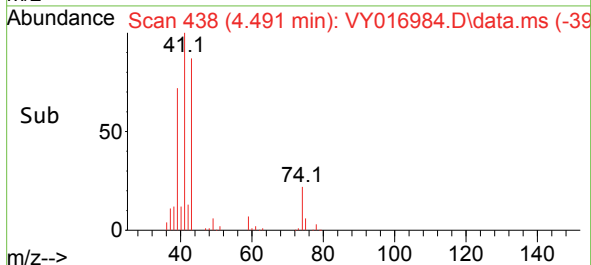
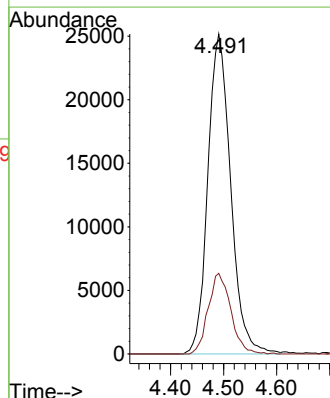
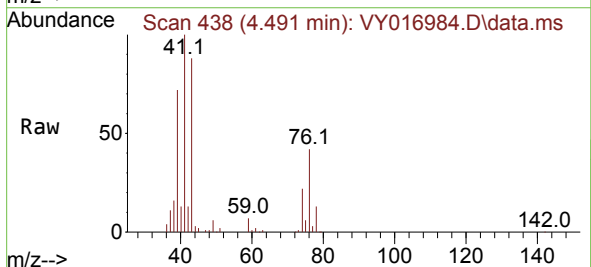
Acq: 12 Jan 2024 11:02

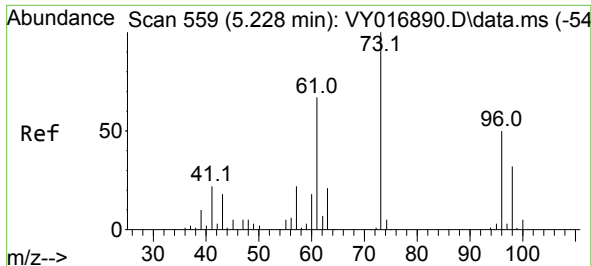
Tgt Ion: 43 Resp: 75242

Ion Ratio Lower Upper

43 100

74 24.9 19.8 29.6

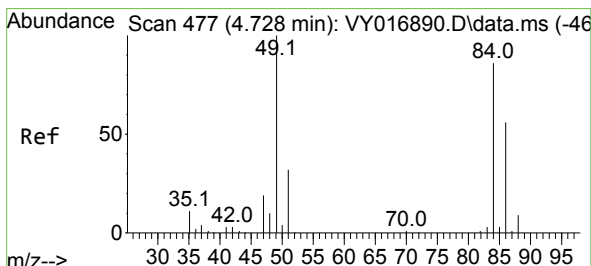
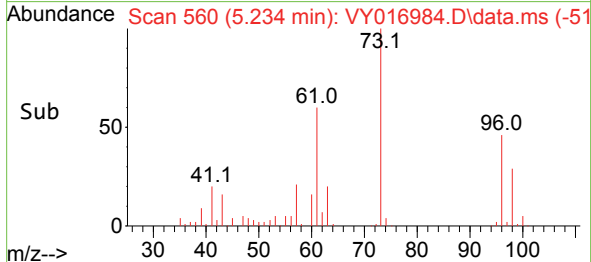
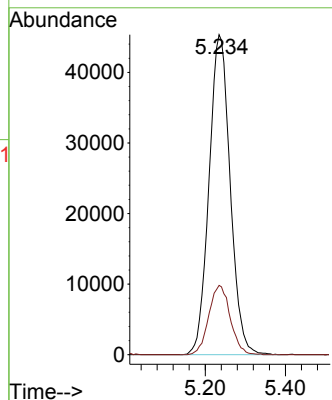
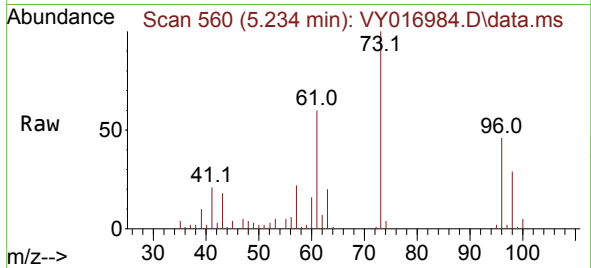




#19
Methyl tert-butyl Ether
Concen: 54.456 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

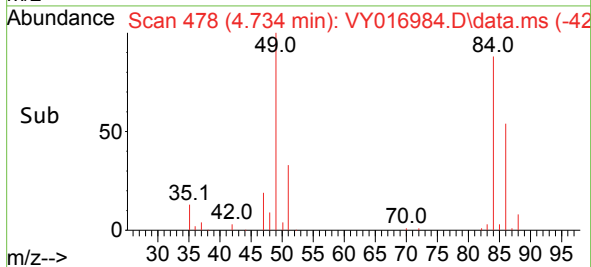
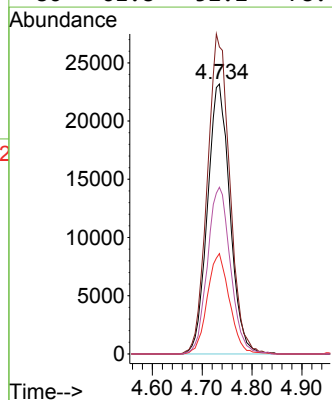
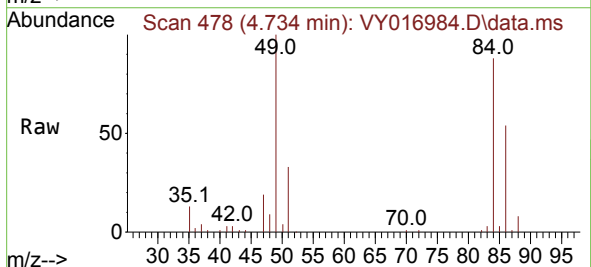
Instrument :
MSVOA_Y
ClientSampleId :

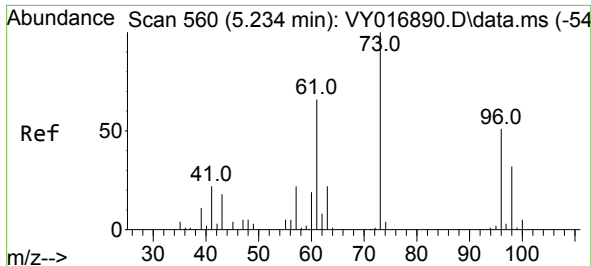
Tgt Ion: 73 Resp: 165755
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 45.401 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 84 Resp: 72474
Ion Ratio Lower Upper
84 100
49 113.7 95.2 142.8
51 37.2 29.9 44.9
86 61.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.182 ug/l

RT: 5.234 min Scan# 5

Delta R.T. -0.006 min

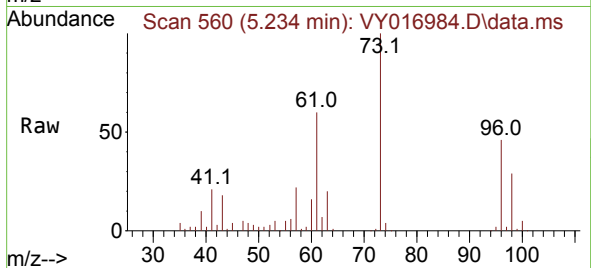
Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :



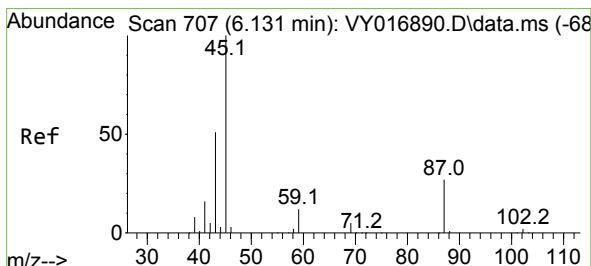
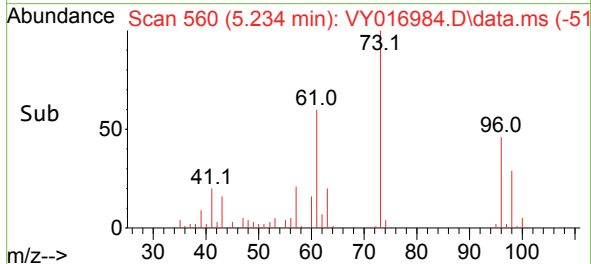
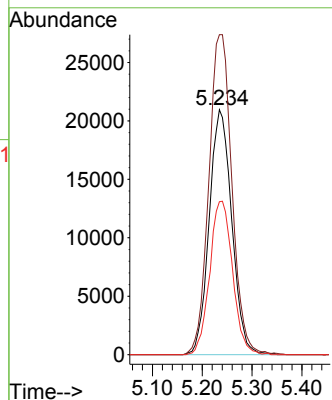
Tgt Ion: 96 Resp: 65902

Ion Ratio Lower Upper

96 100

61 130.7 104.6 156.8

98 62.5 50.9 76.3



#22

Diisopropyl ether

Concen: 53.152 ug/l

RT: 6.131 min Scan# 707

Delta R.T. -0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Tgt Ion: 45 Resp: 227280

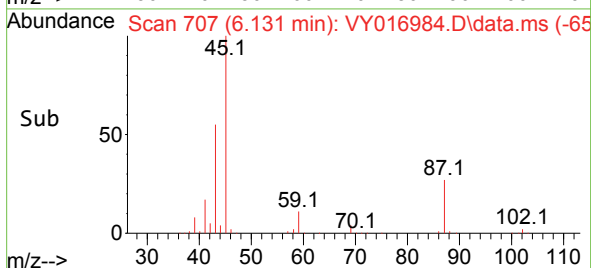
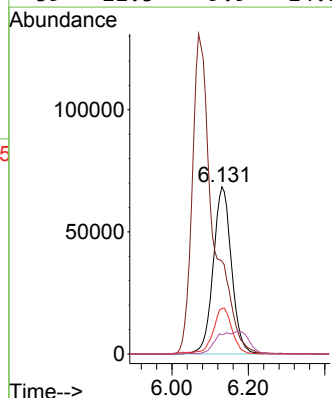
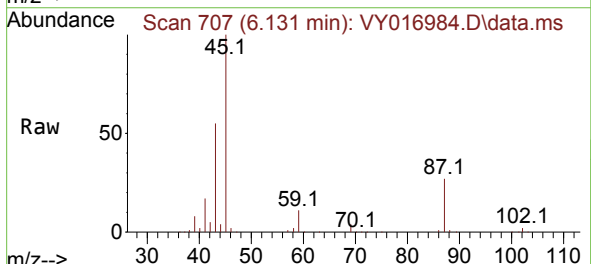
Ion Ratio Lower Upper

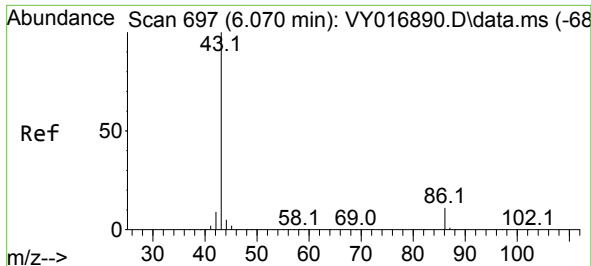
45 100

43 55.0 46.8 70.2

87 27.1 22.2 33.2

59 11.5 9.9 14.9





#23

Vinyl Acetate

Concen: 253.166 ug/l

RT: 6.070 min Scan# 697

Delta R.T. -0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

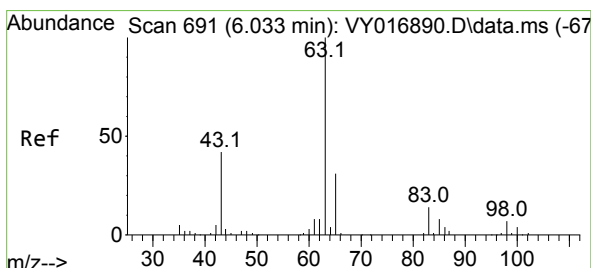
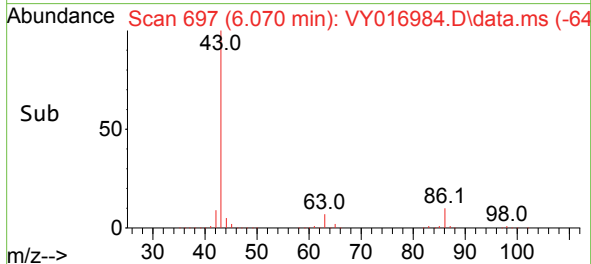
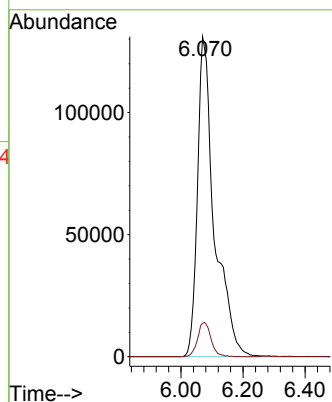
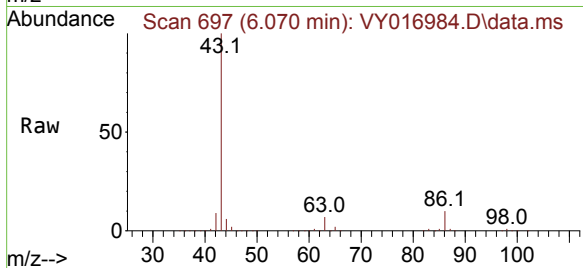
ClientSampleId :

Tgt Ion: 43 Resp: 496375

Ion Ratio Lower Upper

43 100

86 10.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 50.851 ug/l

RT: 6.033 min Scan# 691

Delta R.T. 0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

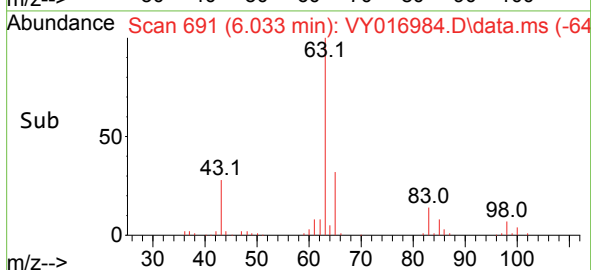
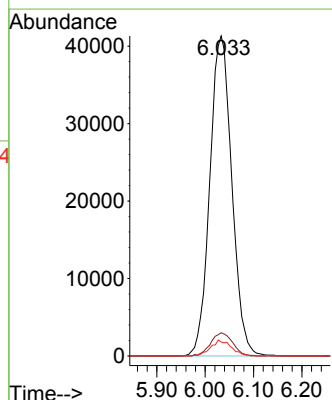
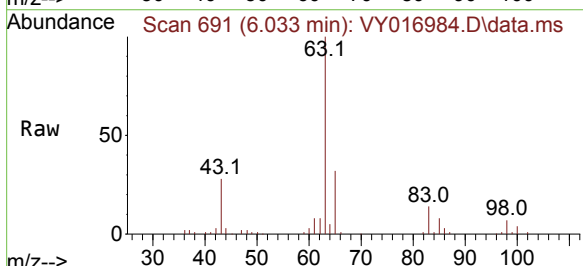
Tgt Ion: 63 Resp: 130668

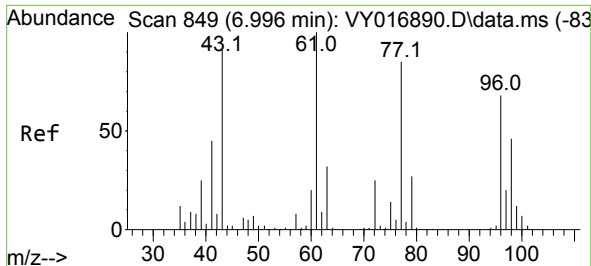
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 254.179 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

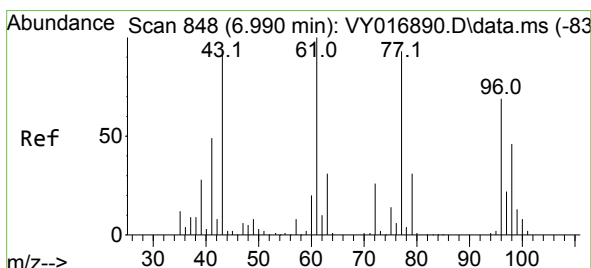
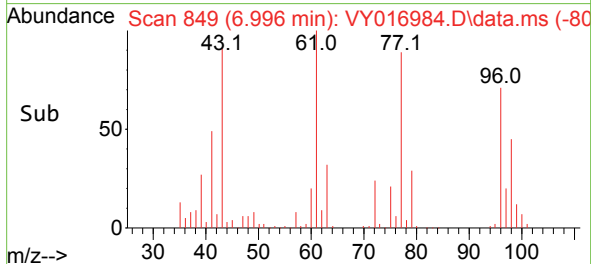
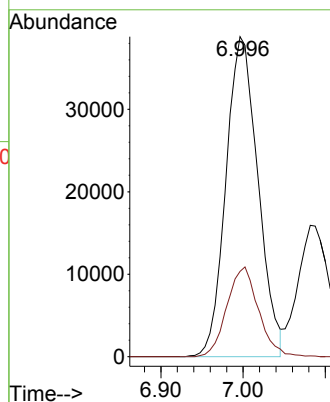
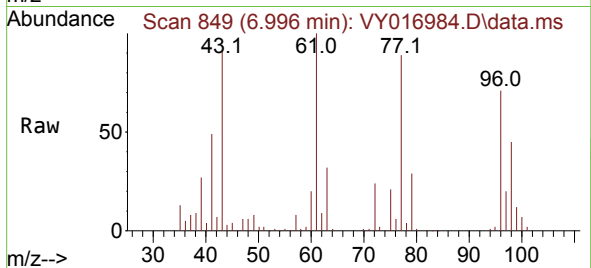
ClientSampleId :

Tgt Ion: 43 Resp: 105241

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 51.947 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016984.D

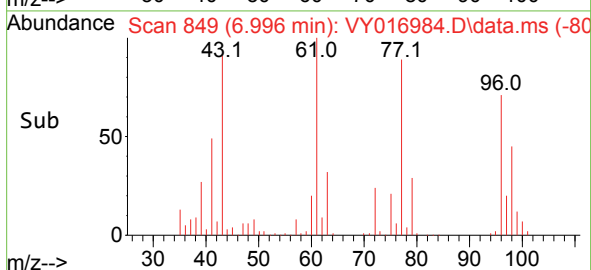
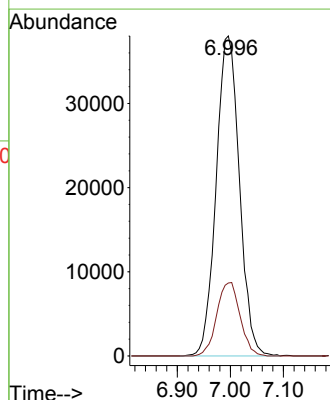
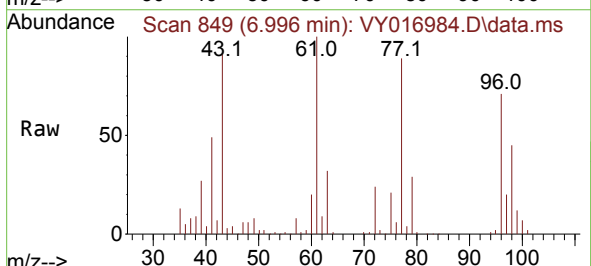
Acq: 12 Jan 2024 11:02

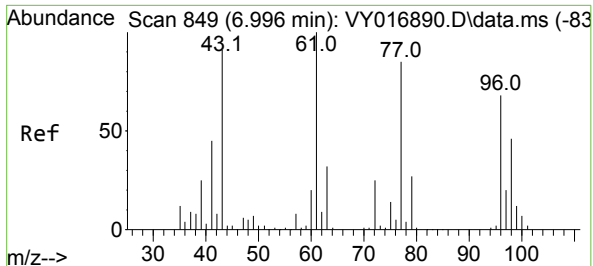
Tgt Ion: 77 Resp: 115736

Ion Ratio Lower Upper

77 100

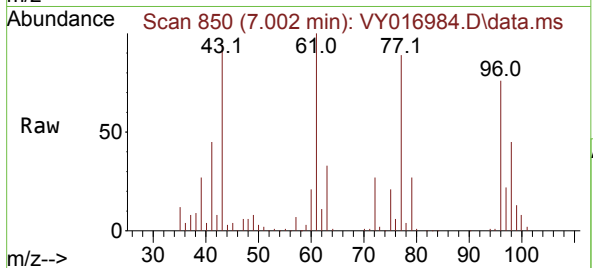
97 23.0 11.7 35.0



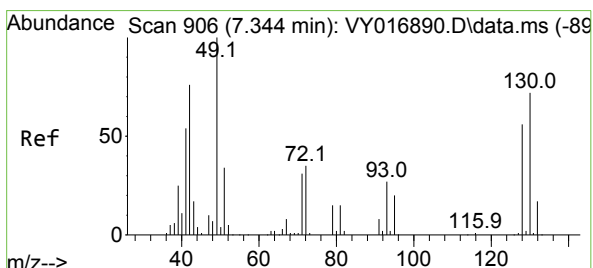
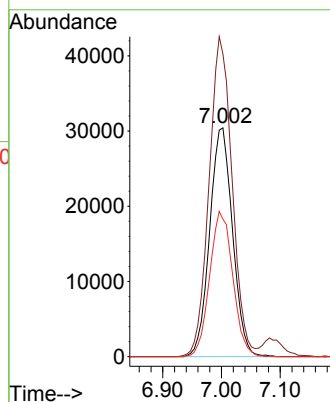
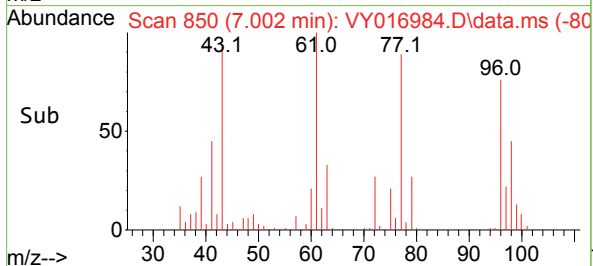


#27
 cis-1,2-Dichloroethene
 Concen: 52.490 ug/l
 RT: 7.002 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VY016984.D
 Acq: 12 Jan 2024 11:02

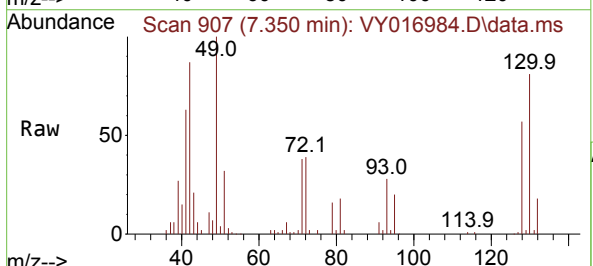
Instrument :
 MSVOA_Y
 ClientSampleId :



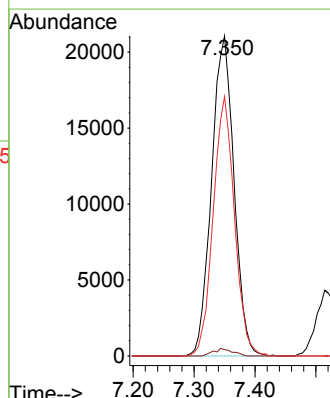
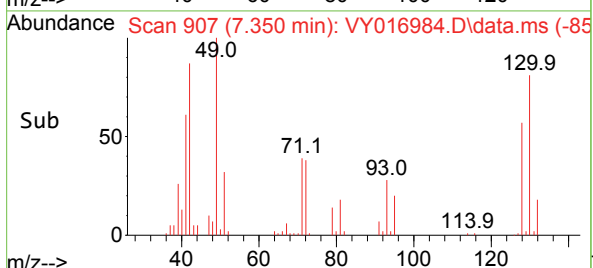
Tgt Ion: 96 Resp: 82449
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 278.8
 98 64.1 0.0 127.0

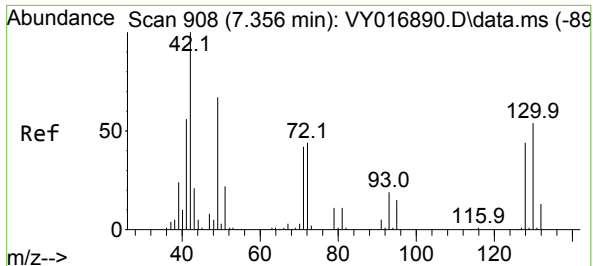


#28
 Bromochloromethane
 Concen: 55.872 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY016984.D
 Acq: 12 Jan 2024 11:02



Tgt Ion: 49 Resp: 53899
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 76.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 250.771 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

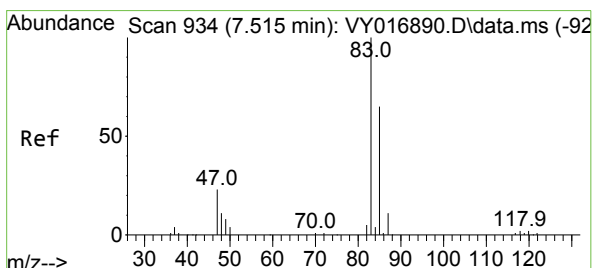
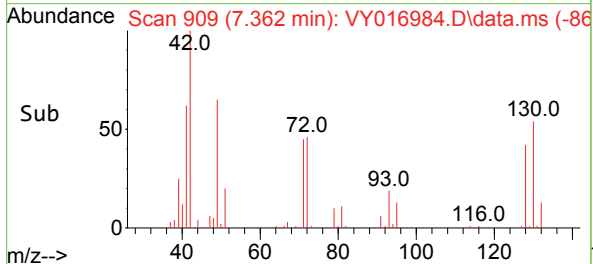
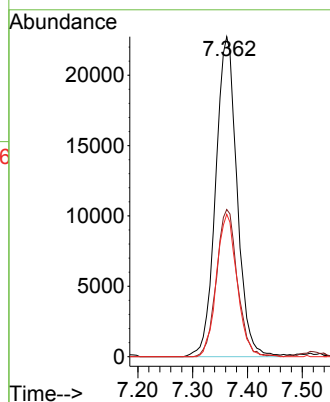
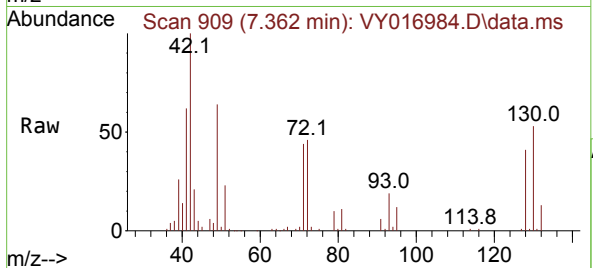
Tgt Ion: 42 Resp: 61620

Ion Ratio Lower Upper

42 100

72 45.2 36.6 54.8

71 43.0 33.8 50.6



#30

Chloroform

Concen: 51.994 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016984.D

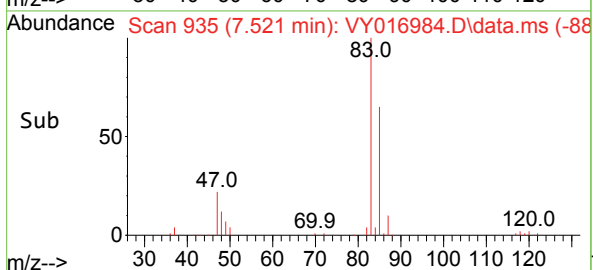
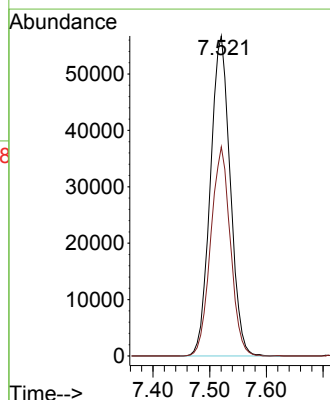
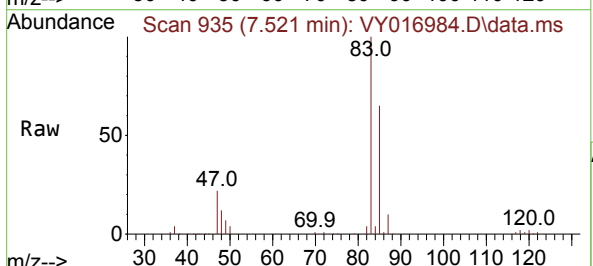
Acq: 12 Jan 2024 11:02

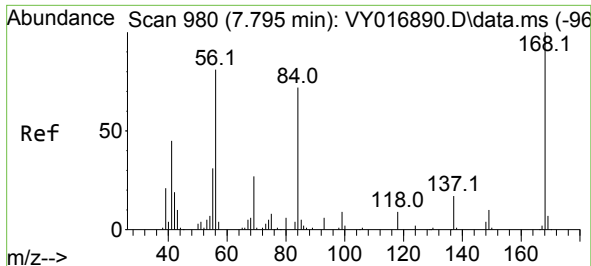
Tgt Ion: 83 Resp: 137683

Ion Ratio Lower Upper

83 100

85 65.3 51.2 76.8

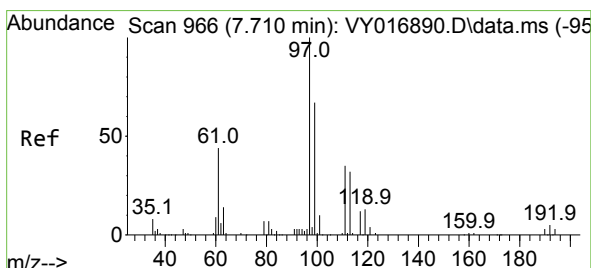
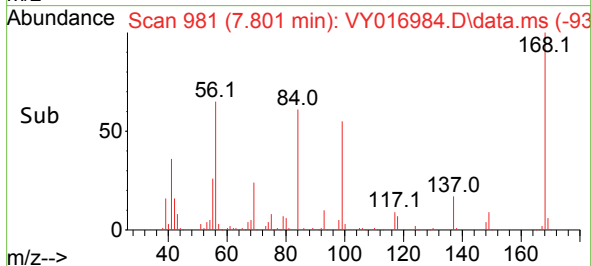
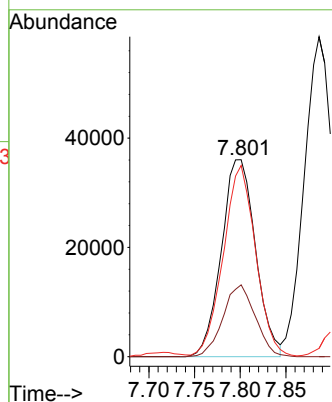
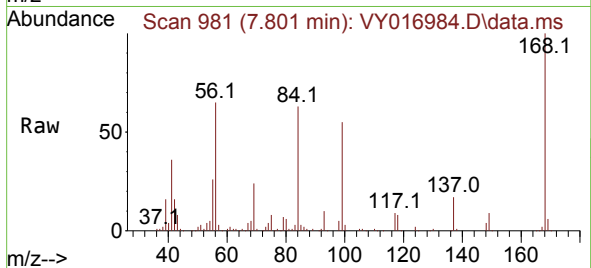




#31
Cyclohexane
Concen: 44.995 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

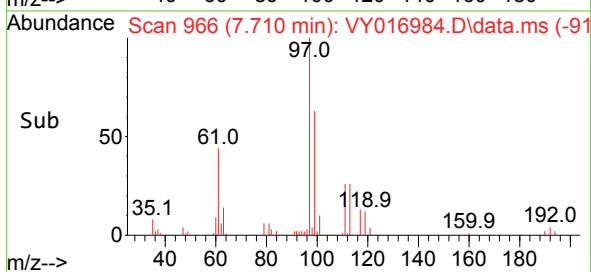
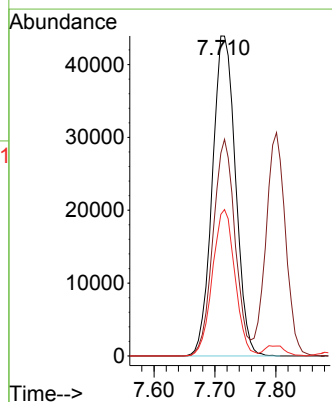
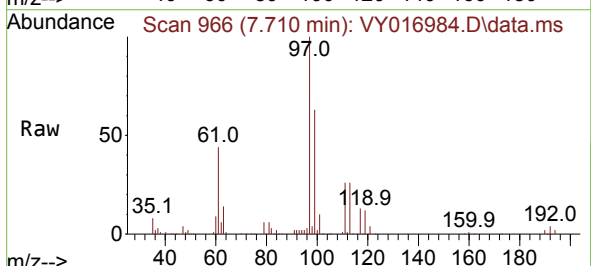
Instrument :
MSVOA_Y
ClientSampleId :

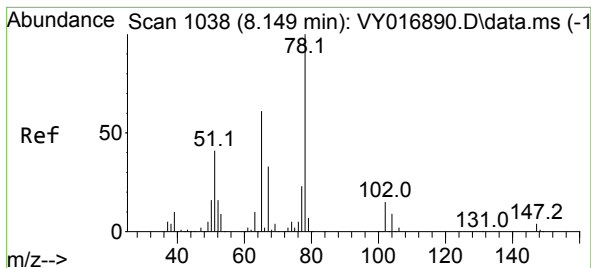
Tgt Ion: 56 Resp: 93758
Ion Ratio Lower Upper
56 100
69 36.4 27.0 40.6
84 95.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 51.796 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 97 Resp: 116296
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 44.6 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 46.280 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

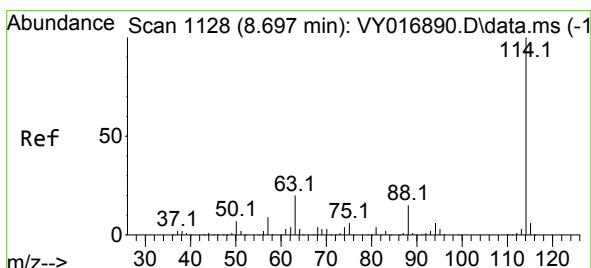
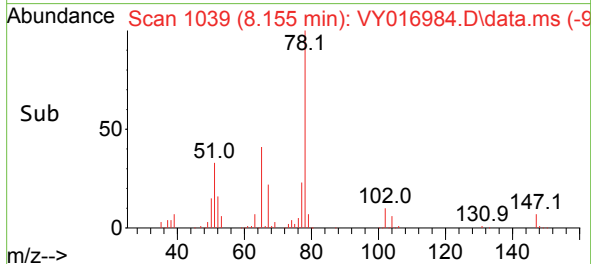
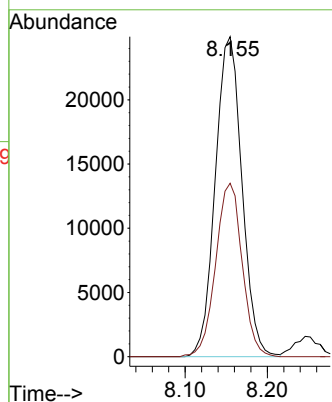
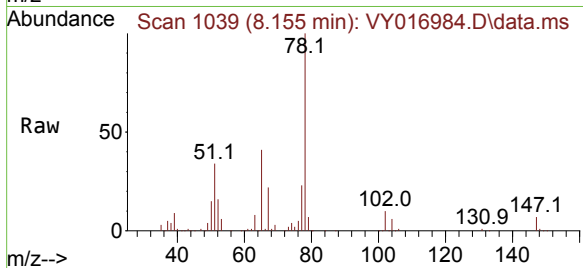
ClientSampleId :

Tgt Ion: 65 Resp: 56187

Ion Ratio Lower Upper

65 100

67 53.8 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: VY016984.D

Acq: 12 Jan 2024 11:02

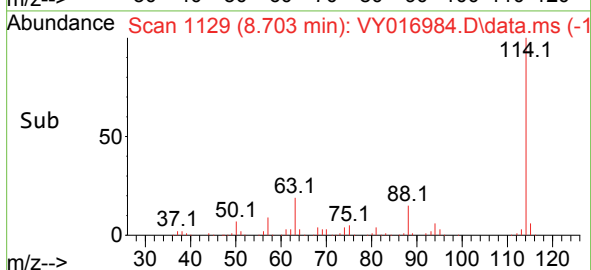
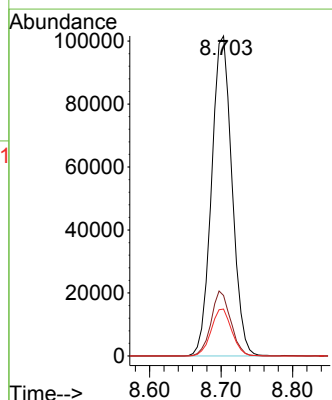
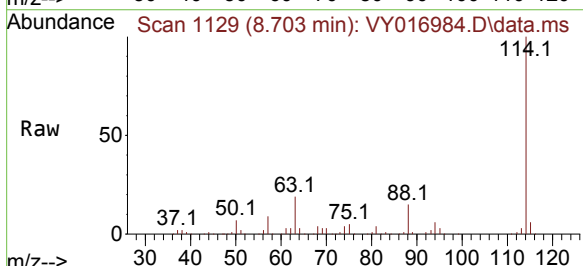
Tgt Ion: 114 Resp: 201530

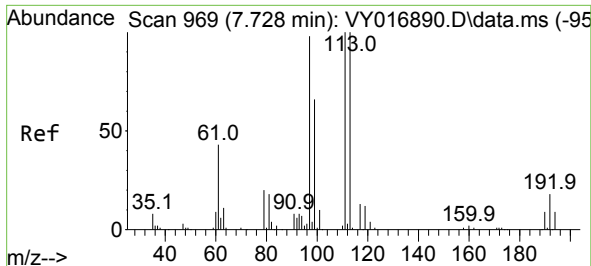
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

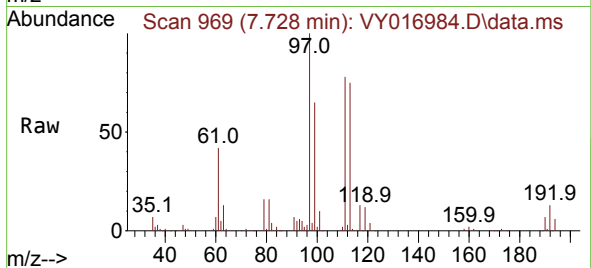
88 14.6 0.0 29.0



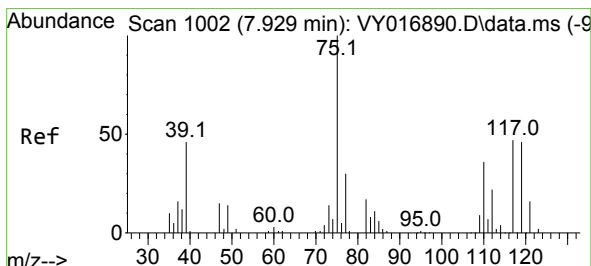
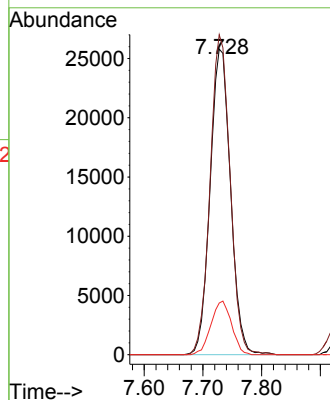
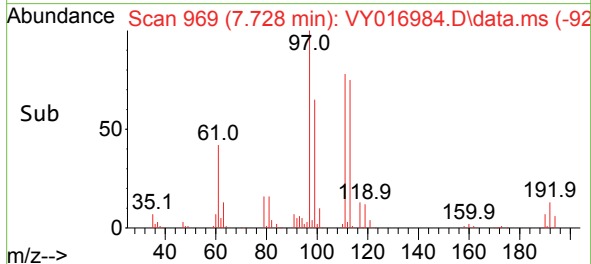


#35
Dibromofluoromethane
Concen: 48.489 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Instrument :
MSVOA_Y
ClientSampleId :

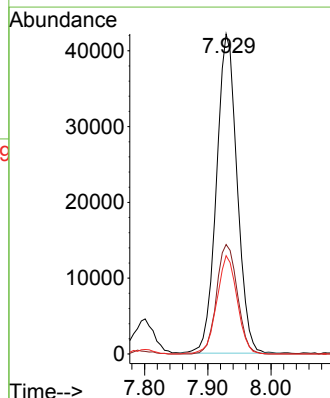
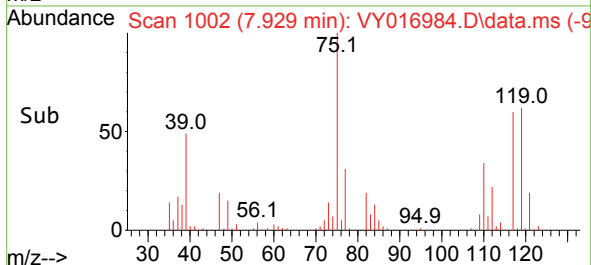
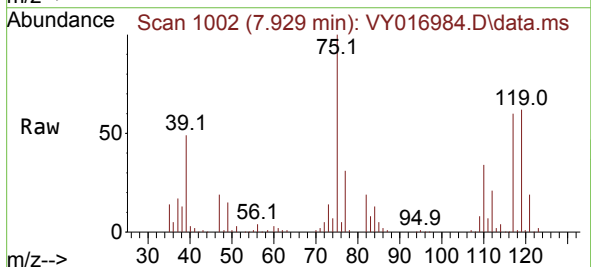


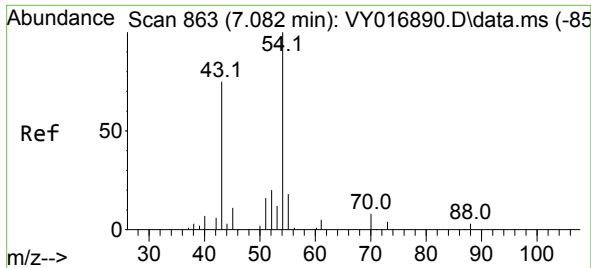
Tgt Ion:113 Resp: 62271
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 50.848 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 75 Resp: 95166
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 30.5 24.7 37.1

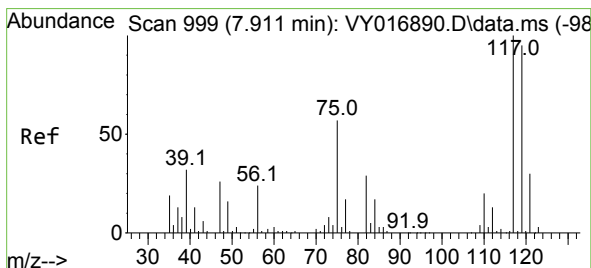
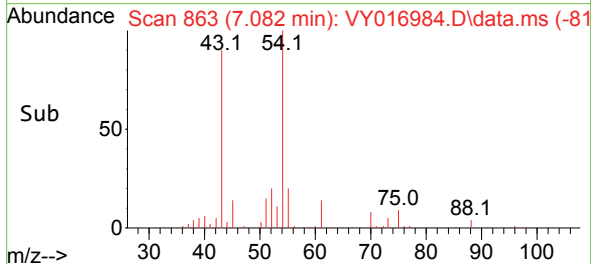
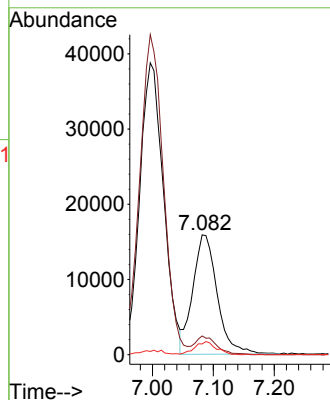
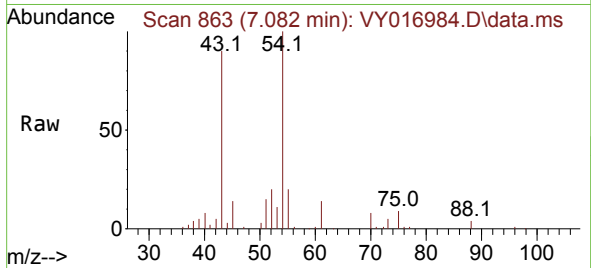




#37
Ethyl Acetate
Concen: 51.999 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

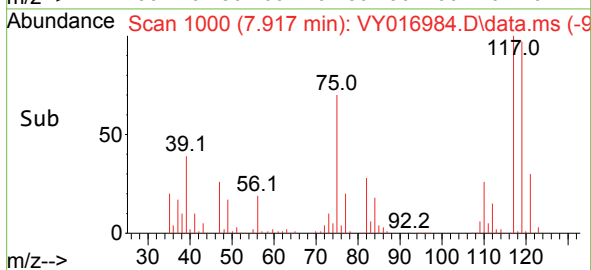
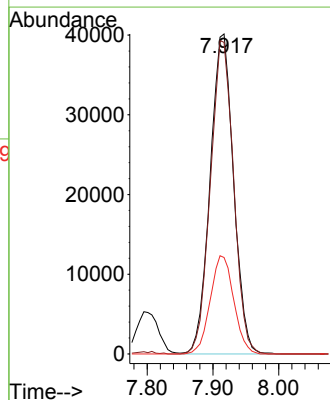
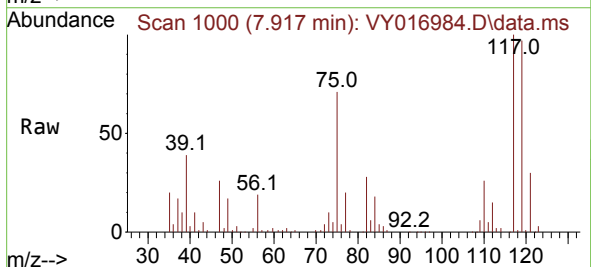
Instrument :
MSVOA_Y
ClientSampleId :

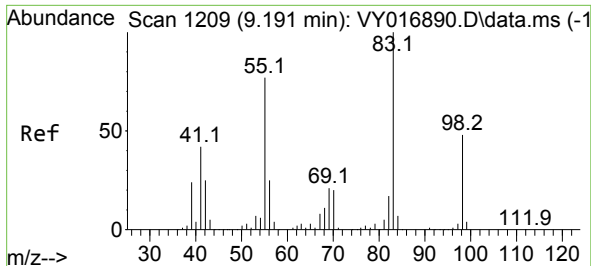
Tgt Ion: 43	Resp: 44226
Ion Ratio	Lower Upper
43 100	
61 14.0	11.0 16.6
70 9.5	8.1 12.1



#38
Carbon Tetrachloride
Concen: 52.273 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion:117	Resp:	99396	
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.0	114.0
121	30.1	24.2	36.2





#39

Methylcyclohexane

Concen: 49.568 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

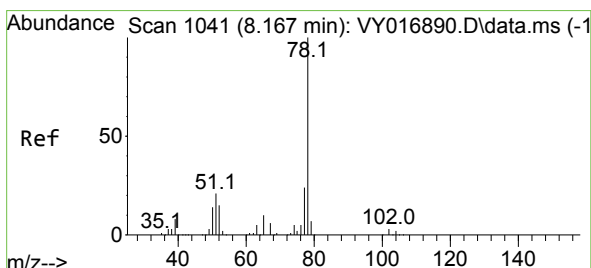
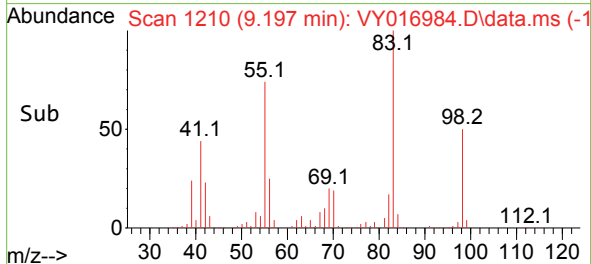
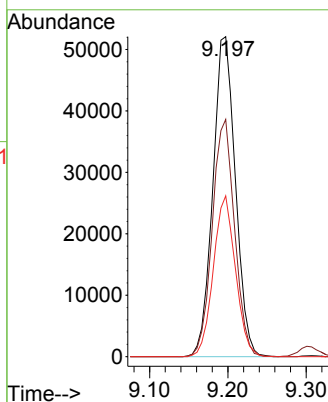
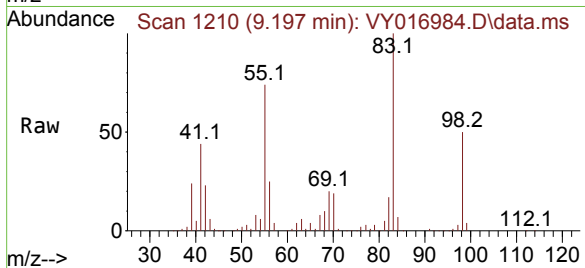
Tgt Ion: 83 Resp: 104292

Ion Ratio Lower Upper

83 100

55 74.2 59.7 89.5

98 50.2 38.0 57.0



#40

Benzene

Concen: 51.541 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016984.D

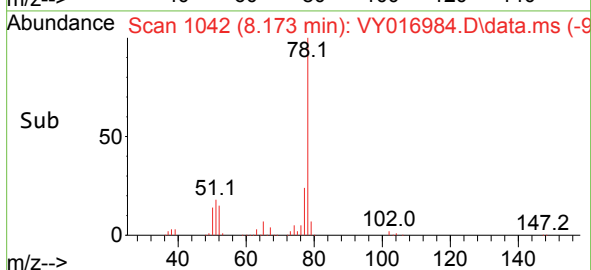
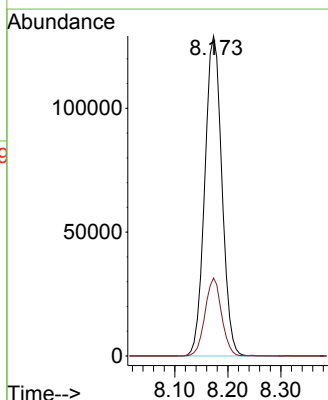
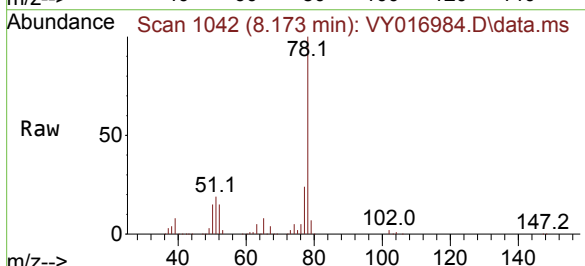
Acq: 12 Jan 2024 11:02

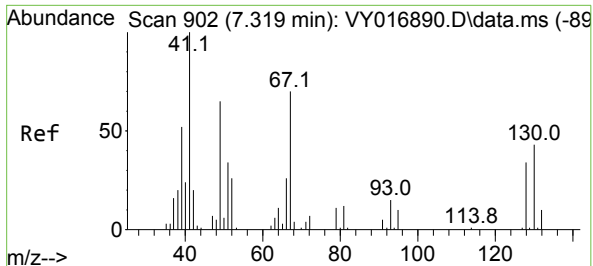
Tgt Ion: 78 Resp: 289366

Ion Ratio Lower Upper

78 100

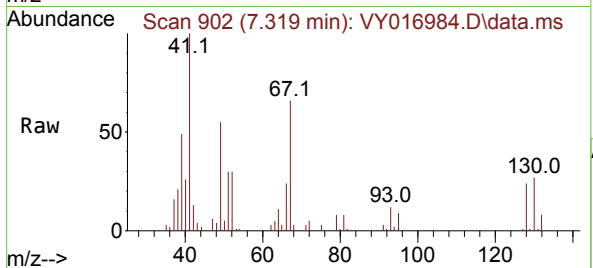
77 24.4 18.8 28.2



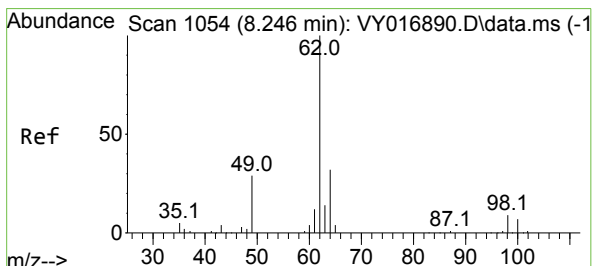
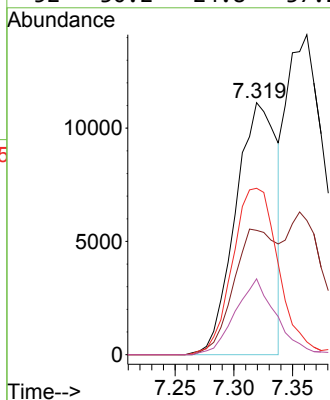
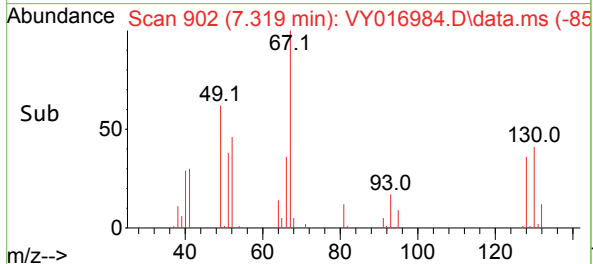


#41
Methacrylonitrile
Concen: 60.564 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

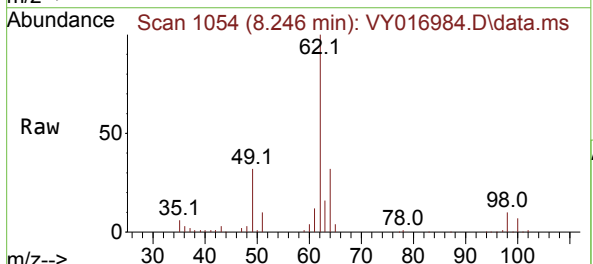
Instrument :
MSVOA_Y
ClientSampleId :



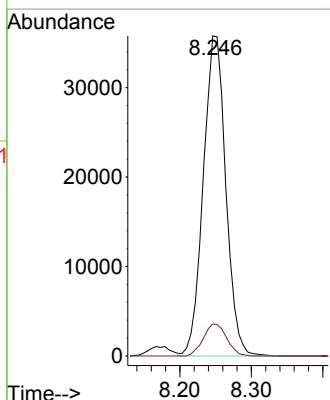
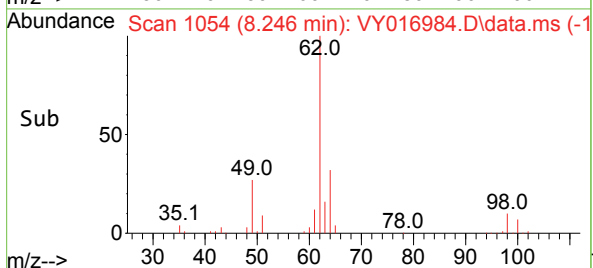
Tgt Ion:	41	Resp:	27129
Ion	Ratio	Lower	Upper
41	100		
39	52.1	41.9	62.9
67	74.1	59.8	89.6
52	30.2	24.8	37.2

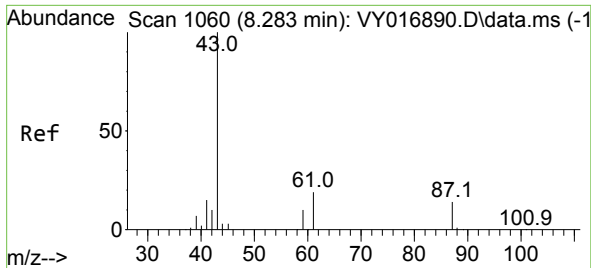


#42
1,2-Dichloroethane
Concen: 52.504 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02



Tgt Ion:	62	Resp:	78255
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2

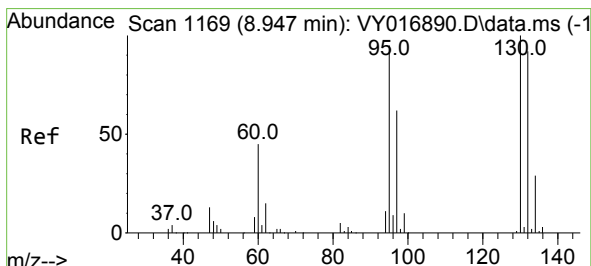
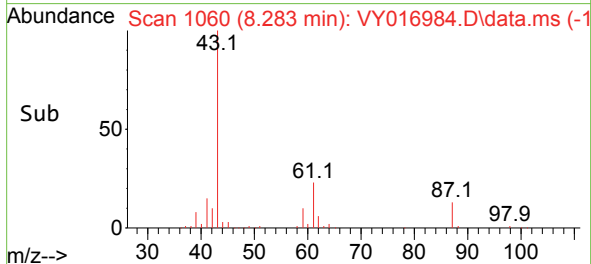
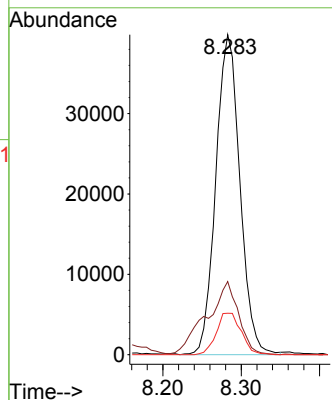
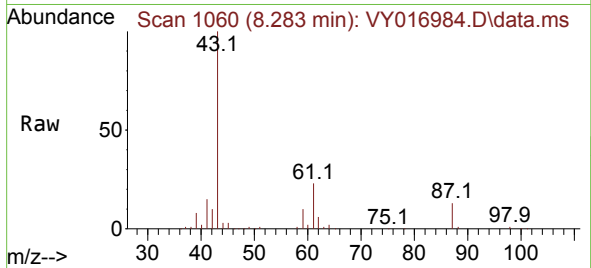




#43
Isopropyl Acetate
Concen: 52.336 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

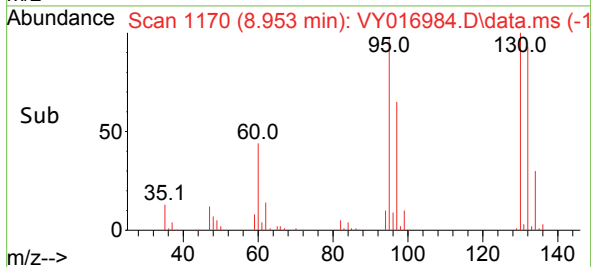
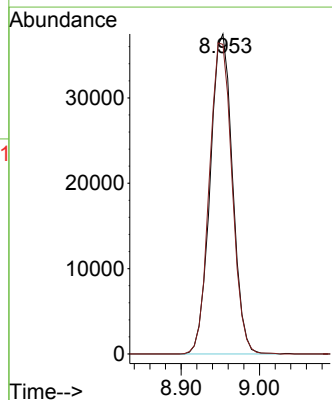
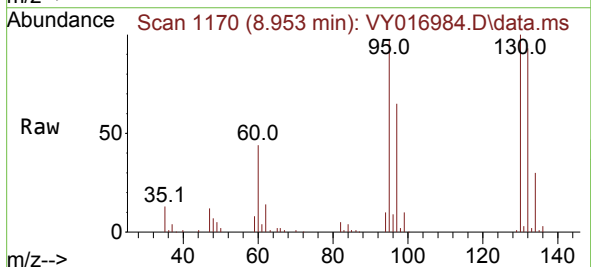
Instrument :
MSVOA_Y
ClientSampleId :

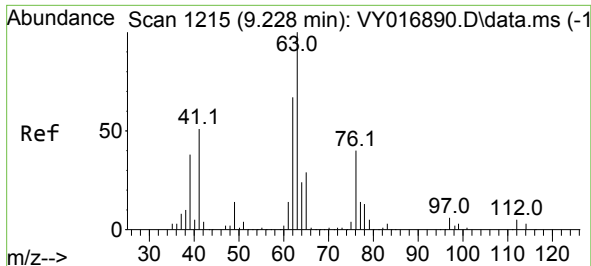
Tgt Ion: 43 Resp: 85241
Ion Ratio Lower Upper
43 100
61 30.4 24.8 37.2
87 13.4 10.7 16.1



#44
Trichloroethene
Concen: 51.918 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion:130 Resp: 74170
Ion Ratio Lower Upper
130 100
95 96.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 52.200 ug/l

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

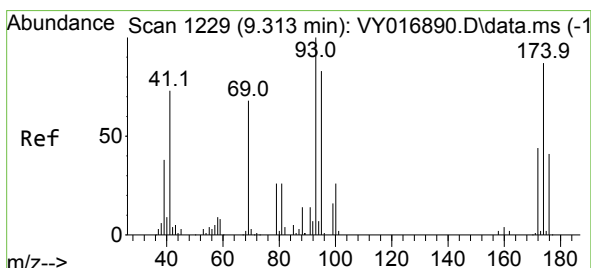
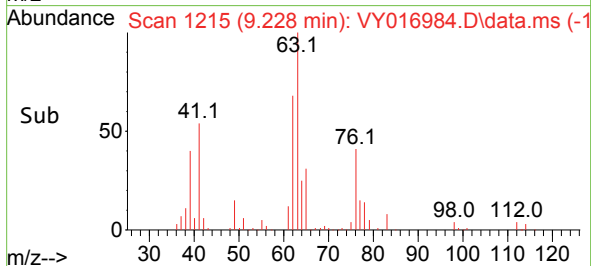
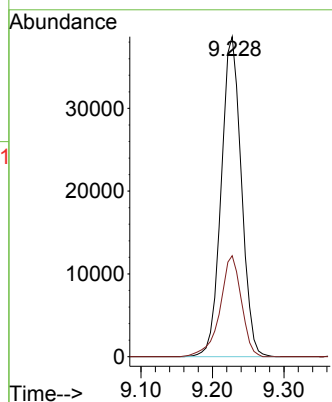
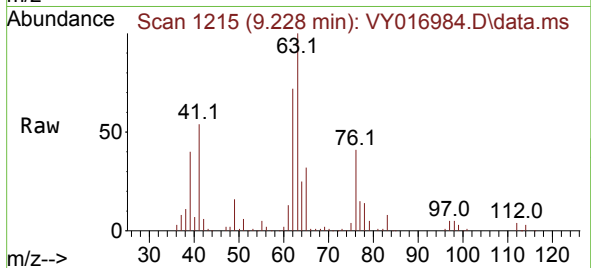
ClientSampleId :

Tgt Ion: 63 Resp: 75501

Ion Ratio Lower Upper

63 100

65 31.6 24.6 36.8



#46

Dibromomethane

Concen: 52.206 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

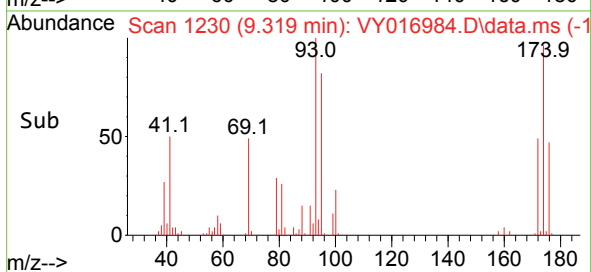
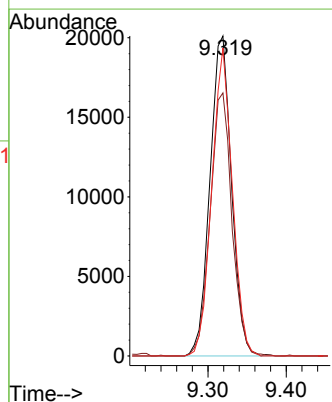
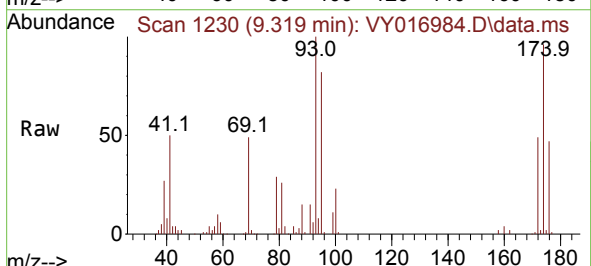
Tgt Ion: 93 Resp: 38510

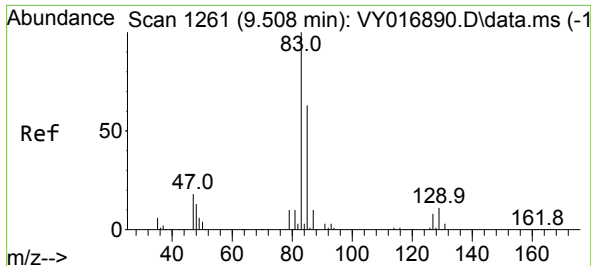
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 91.5 73.8 110.6

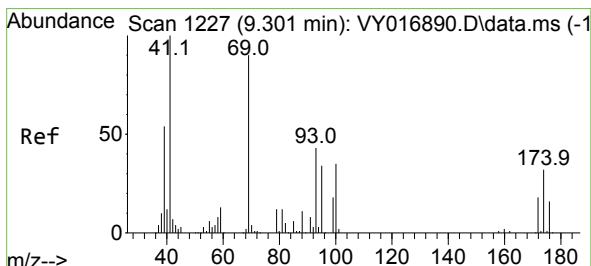
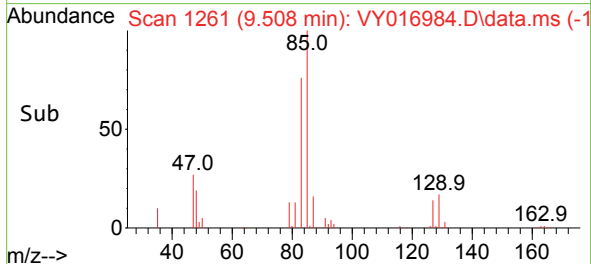
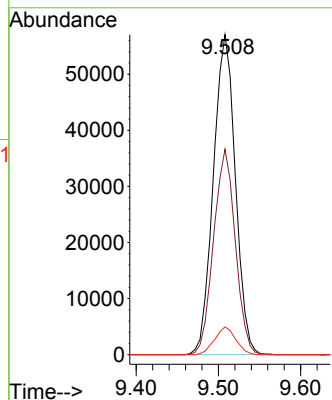
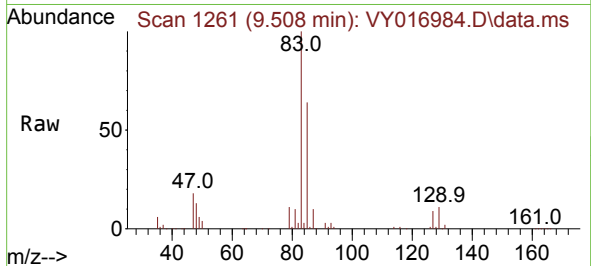




#47
Bromodichloromethane
Concen: 53.631 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

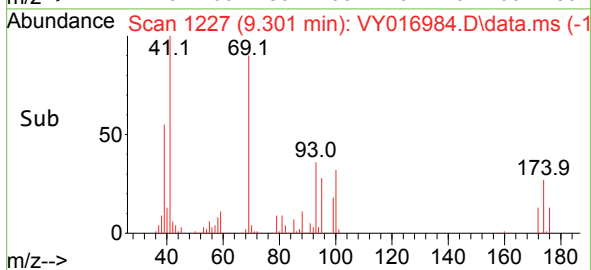
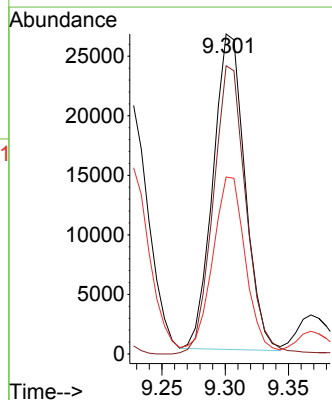
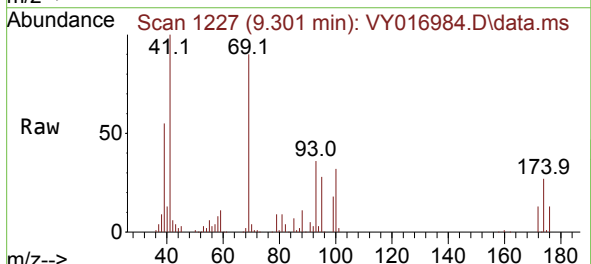
Instrument :
MSVOA_Y
ClientSampleId :

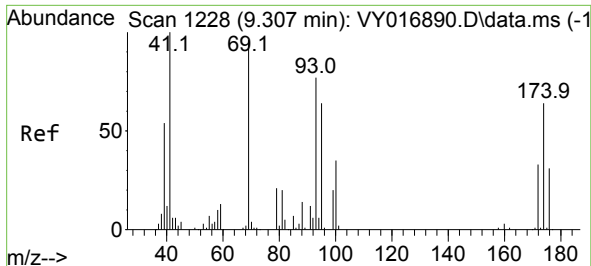
Tgt Ion: 83 Resp: 106235
Ion Ratio Lower Upper
83 100
85 64.2 53.2 79.8
127 8.7 6.4 9.6



#48
Methyl methacrylate
Concen: 53.049 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 41 Resp: 46629
Ion Ratio Lower Upper
41 100
69 93.5 72.1 108.1
39 58.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1076.342 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

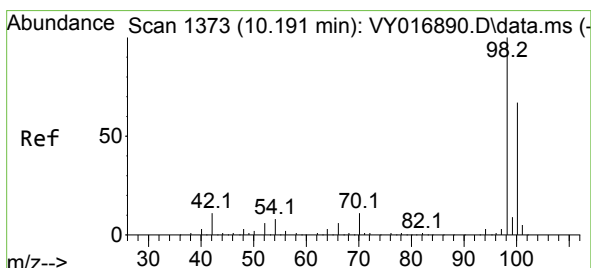
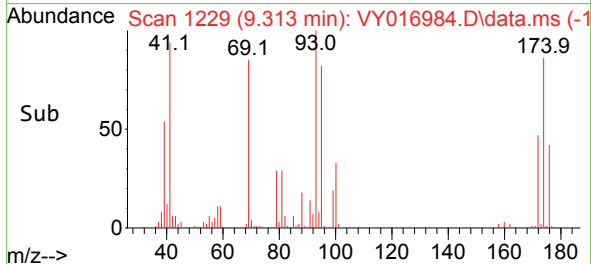
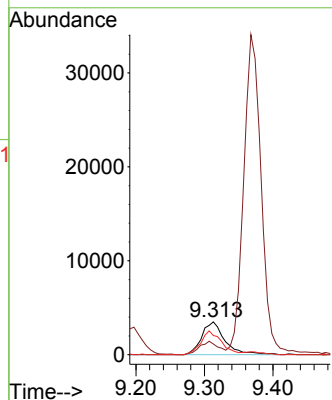
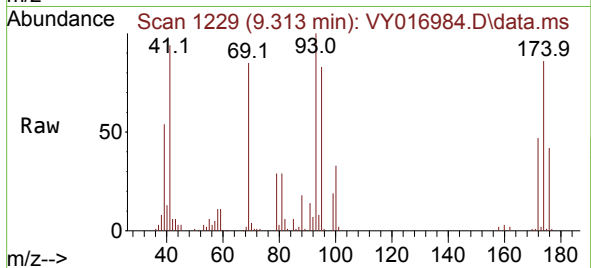
Tgt Ion: 88 Resp: 8221

Ion Ratio Lower Upper

88 100

43 33.9 28.2 42.4

58 65.8 52.2 78.2



#50

Toluene-d8

Concen: 48.717 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016984.D

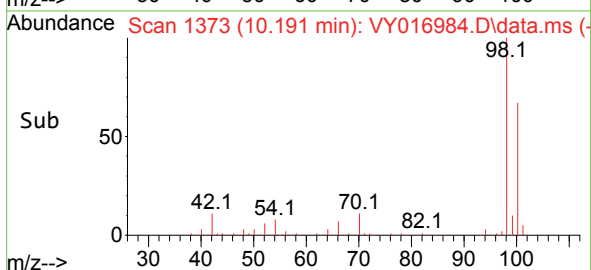
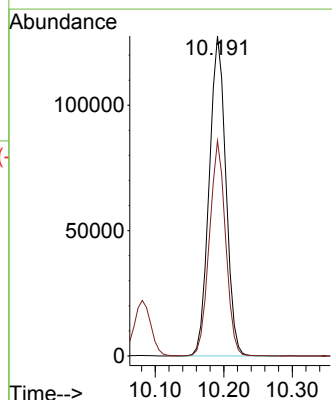
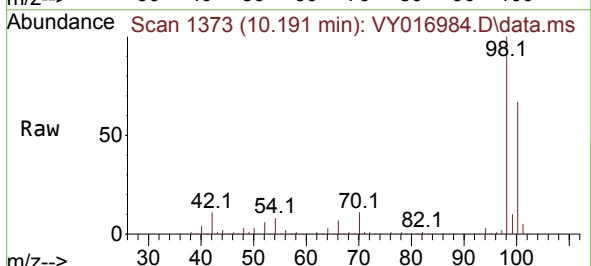
Acq: 12 Jan 2024 11:02

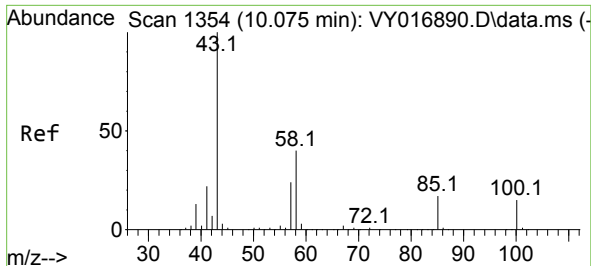
Tgt Ion: 98 Resp: 215438

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 271.734 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

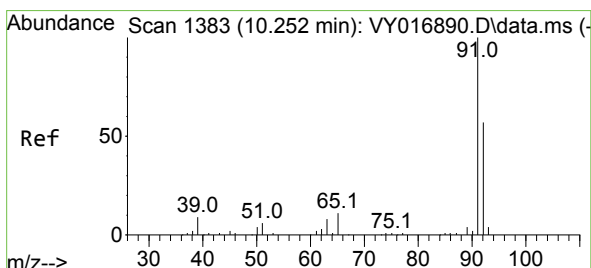
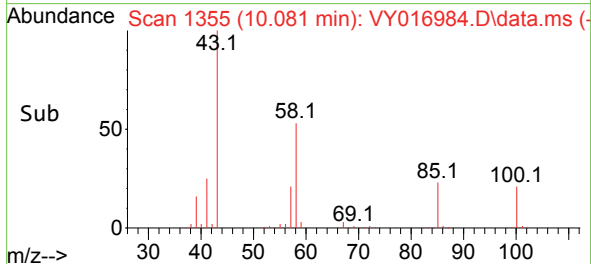
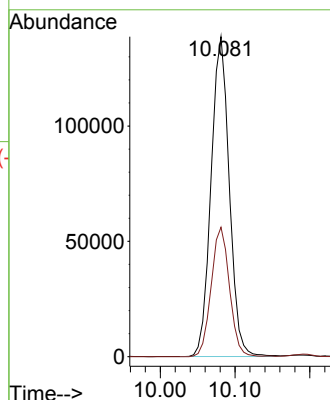
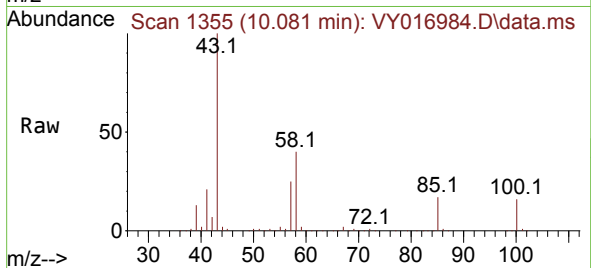
ClientSampleId :

Tgt Ion: 43 Resp: 235373

Ion Ratio Lower Upper

43 100

58 40.5 32.2 48.2



#52

Toluene

Concen: 52.852 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016984.D

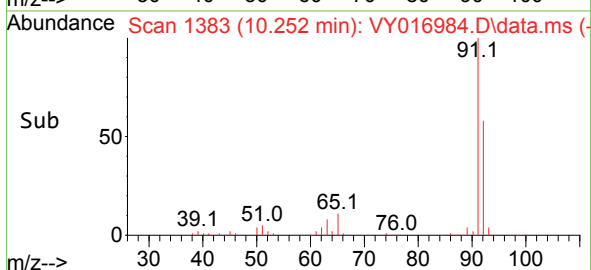
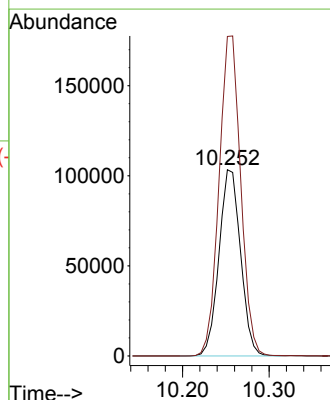
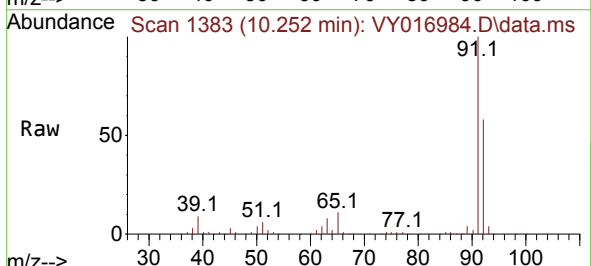
Acq: 12 Jan 2024 11:02

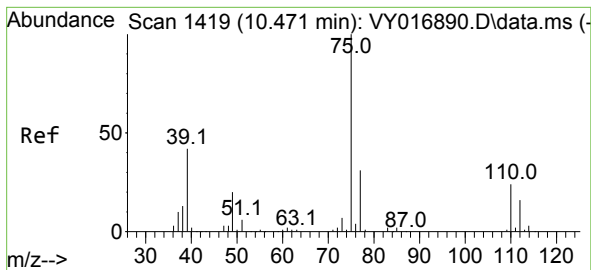
Tgt Ion: 92 Resp: 179078

Ion Ratio Lower Upper

92 100

91 172.4 137.6 206.4

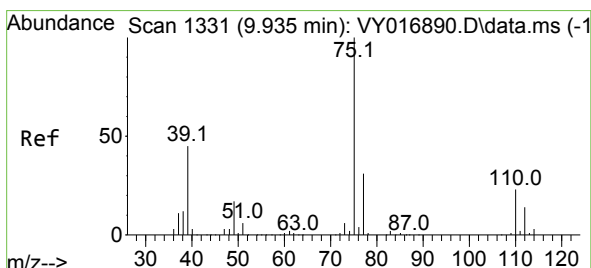
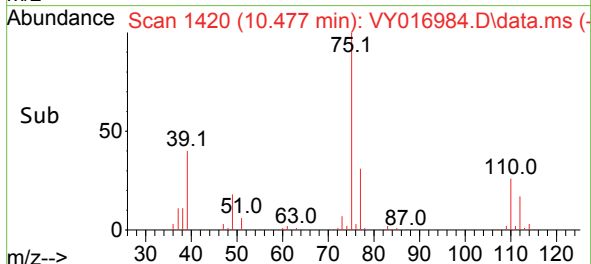
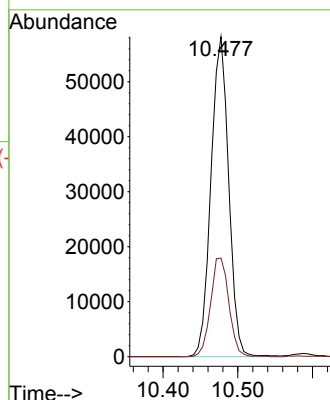
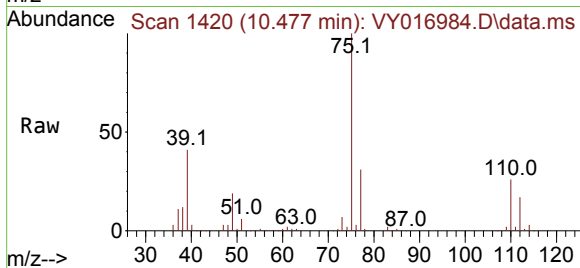




#53
 t-1,3-Dichloropropene
 Concen: 54.059 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016984.D
 Acq: 12 Jan 2024 11:02

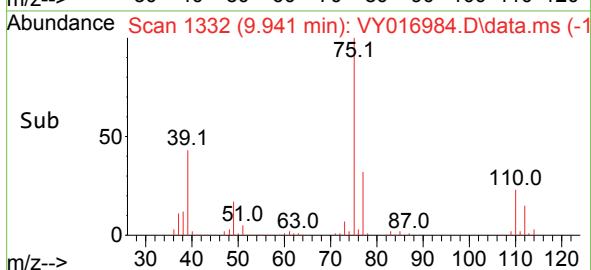
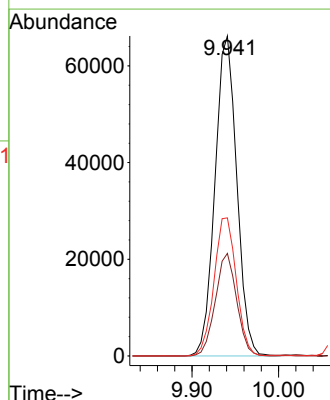
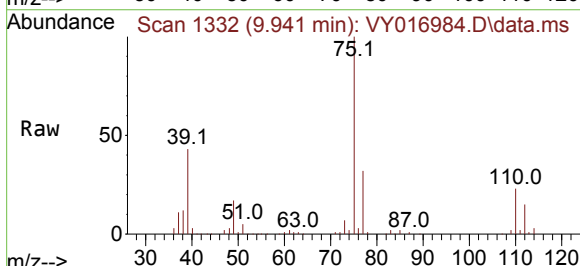
Instrument :
 MSVOA_Y
 ClientSampleId :

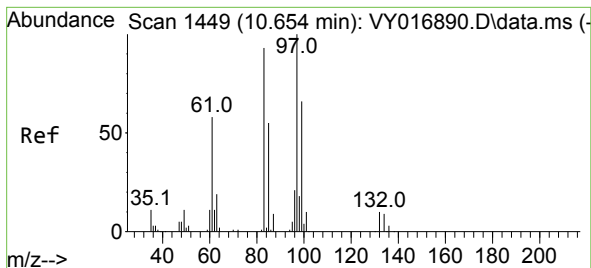
Tgt Ion: 75 Resp: 95917
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.262 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016984.D
 Acq: 12 Jan 2024 11:02

Tgt Ion: 75 Resp: 115621
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8
 39 43.1 33.6 50.4

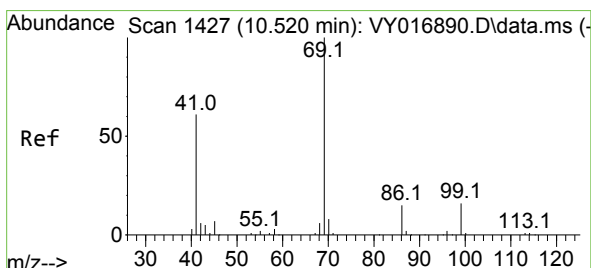
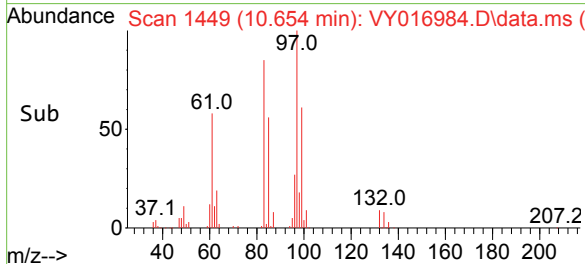
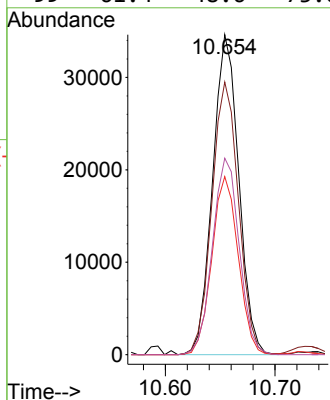
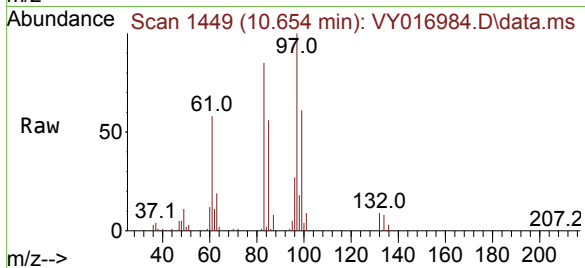




#55
1,1,2-Trichloroethane
Concen: 53.200 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

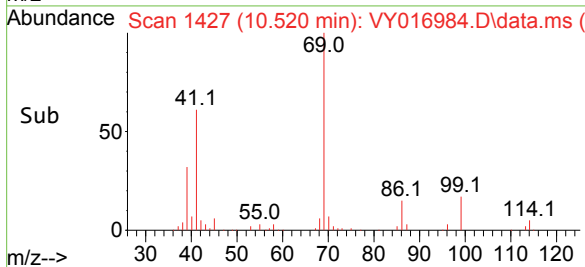
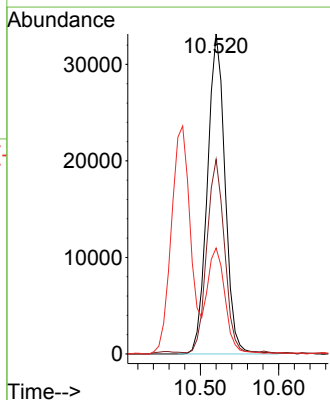
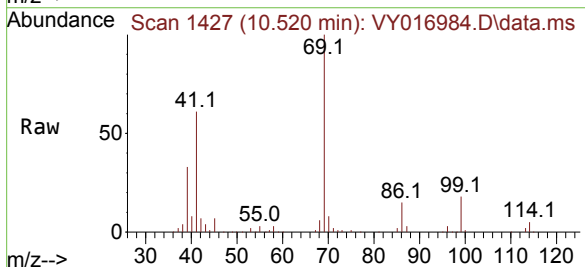
Instrument :
MSVOA_Y
ClientSampleId :

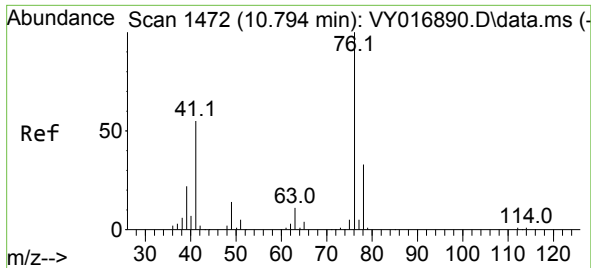
Tgt Ion: 97	Resp: 57332
Ion Ratio	Lower Upper
97 100	
83 85.2	69.4 104.2
85 55.6	43.9 65.9
99 61.4	48.6 73.0



#56
Ethyl methacrylate
Concen: 56.916 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 69	Resp: 51952
Ion Ratio	Lower Upper
69 100	
41 59.7	49.2 73.8
39 32.1	26.8 40.2

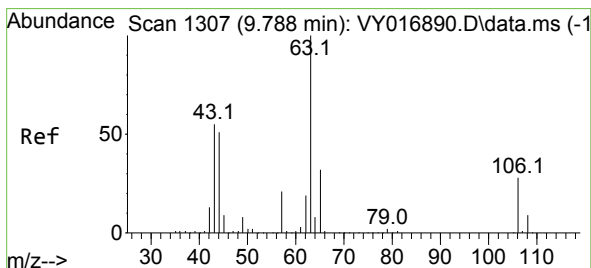
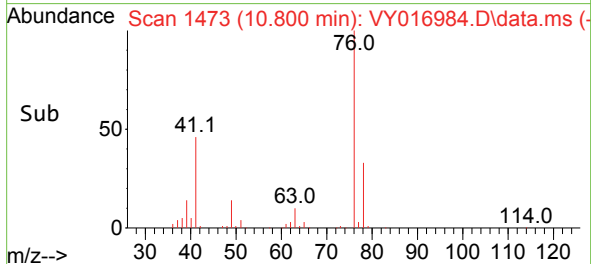
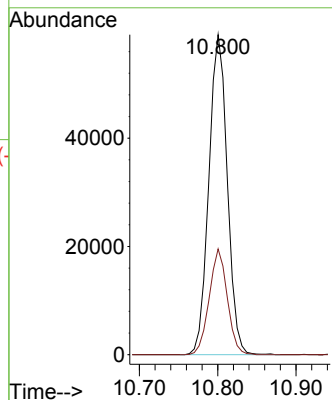
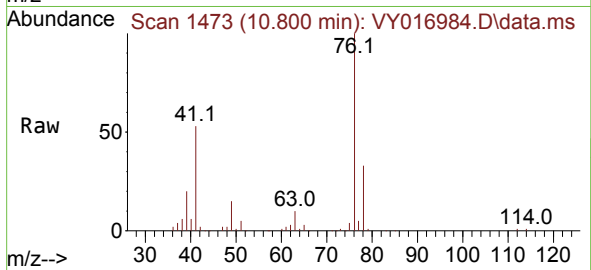




#57
1,3-Dichloropropane
Concen: 53.646 ug/l
RT: 10.800 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

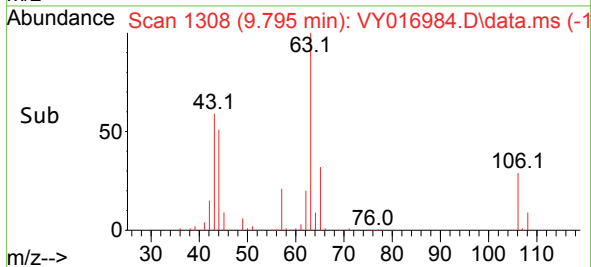
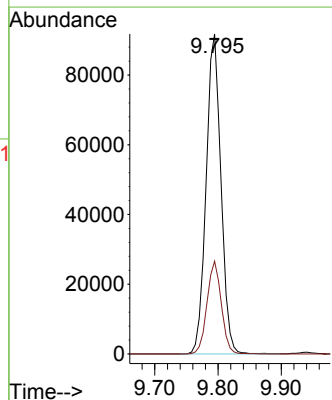
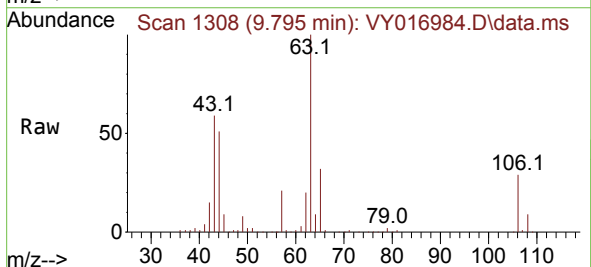
Instrument :
MSVOA_Y
ClientSampleId :

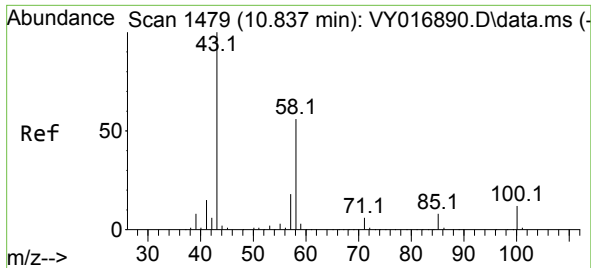
Tgt Ion: 76 Resp: 96523
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 259.717 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 63 Resp: 149595
Ion Ratio Lower Upper
63 100
106 28.0 22.4 33.6

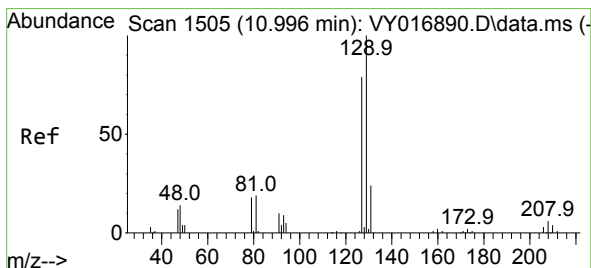
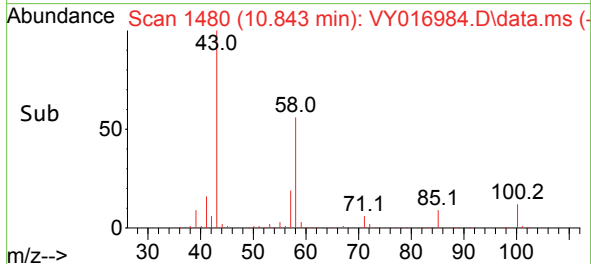
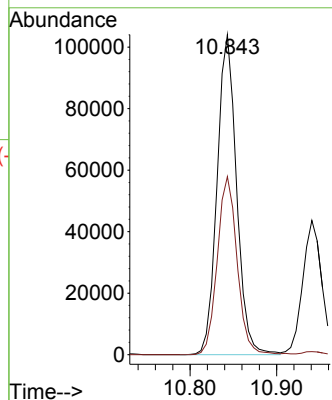
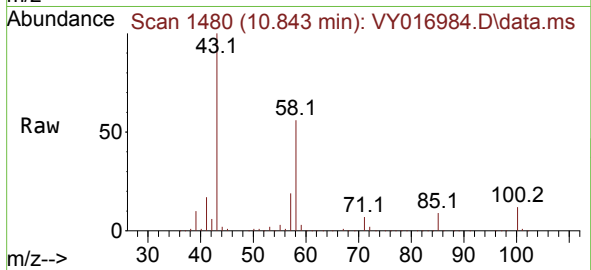




#59
2-Hexanone
Concen: 254.649 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

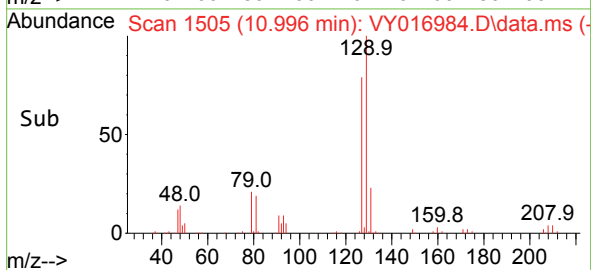
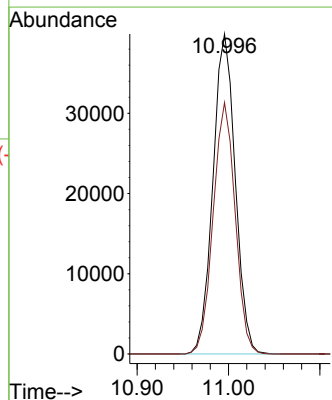
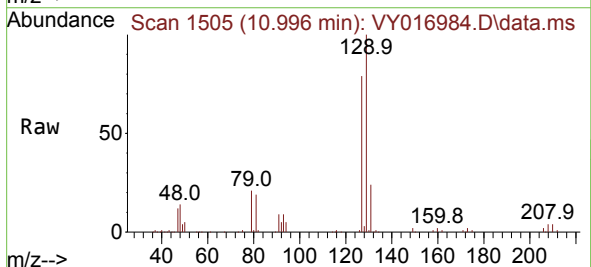
Instrument :
MSVOA_Y
ClientSampleId :

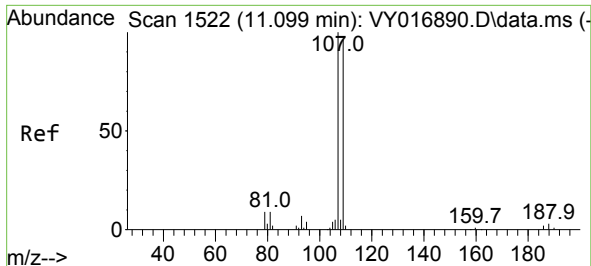
Tgt Ion: 43 Resp: 162415
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.3



#60
Dibromochloromethane
Concen: 54.398 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion:129 Resp: 67605
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

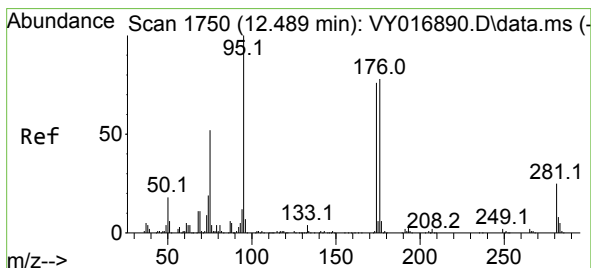
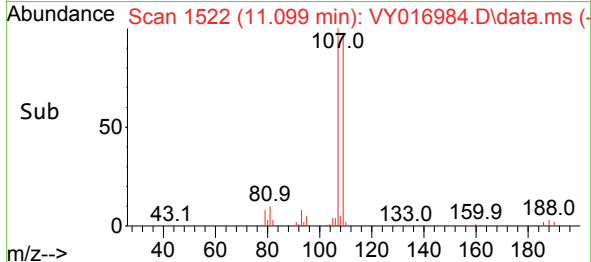
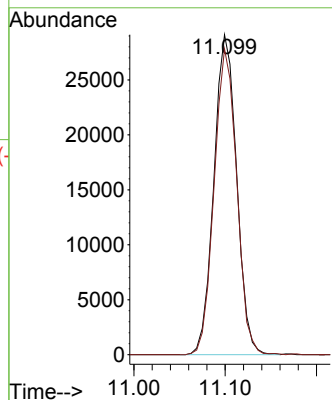
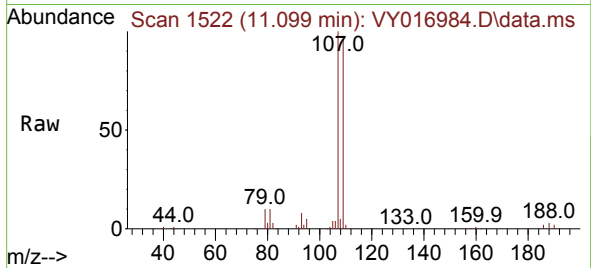




#61
1,2-Dibromoethane
Concen: 53.823 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

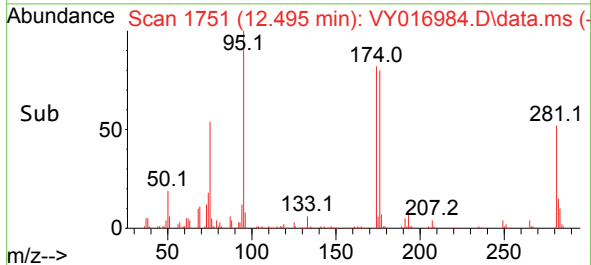
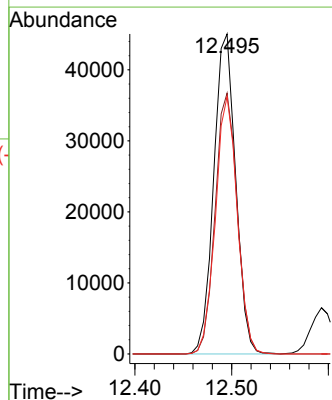
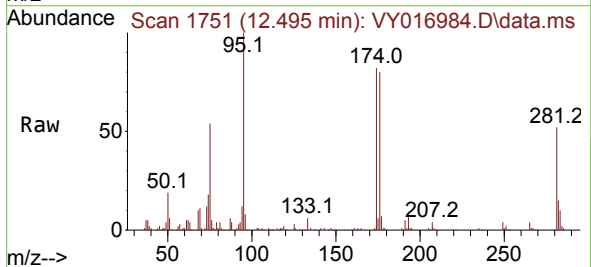
Instrument :
MSVOA_Y
ClientSampleId :

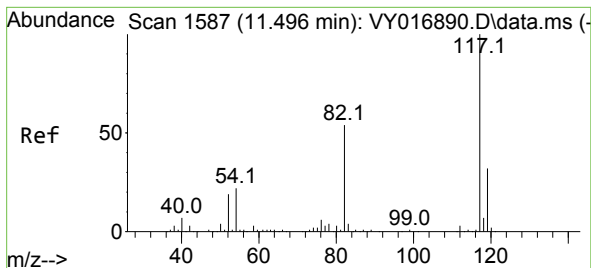
Tgt Ion:107 Resp: 50395
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

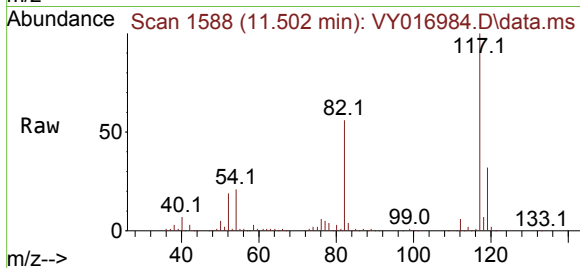
Tgt Ion: 95 Resp: 70983
Ion Ratio Lower Upper
95 100
174 82.1 0.0 160.0
176 79.9 0.0 151.8



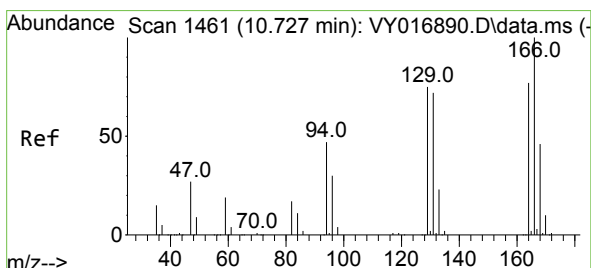
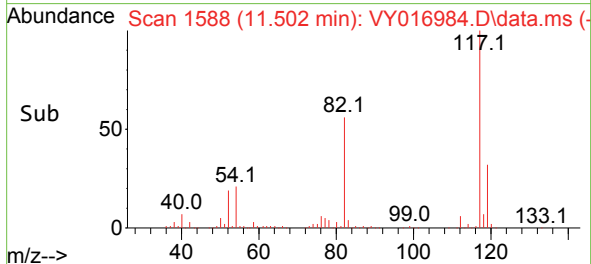
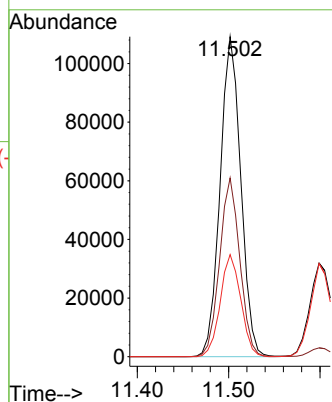


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Instrument :
MSVOA_Y
ClientSampleId :

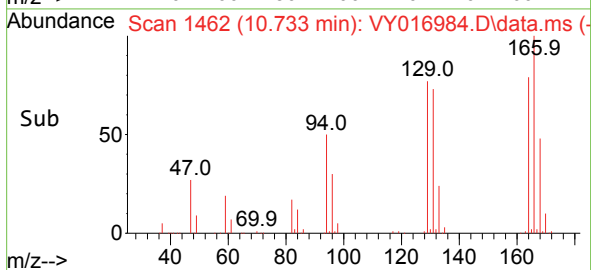
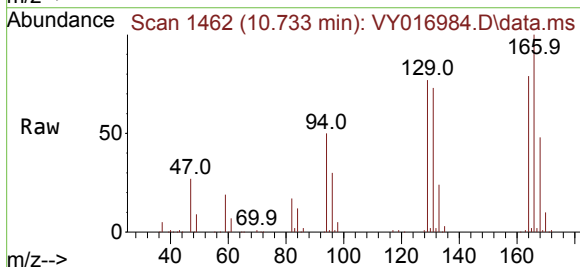
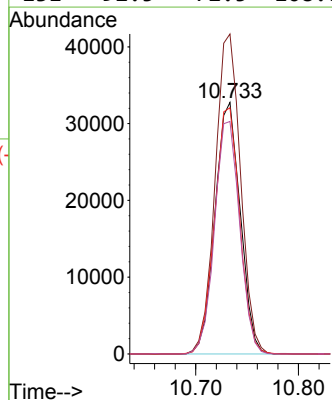


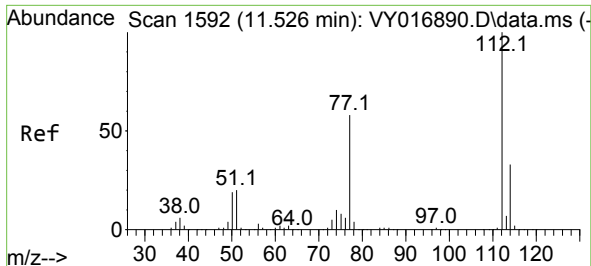
Tgt Ion:117 Resp: 171830
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.8
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 50.300 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion:164 Resp: 56034
Ion Ratio Lower Upper
164 100
166 127.2 98.8 148.2
129 97.9 78.9 118.3
131 92.5 72.5 108.7

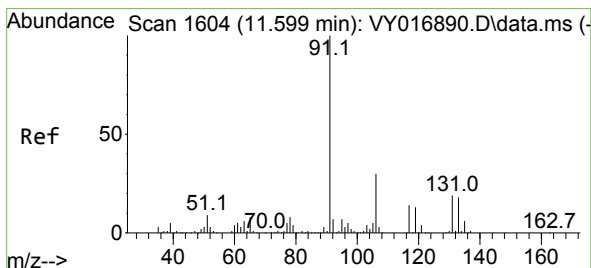
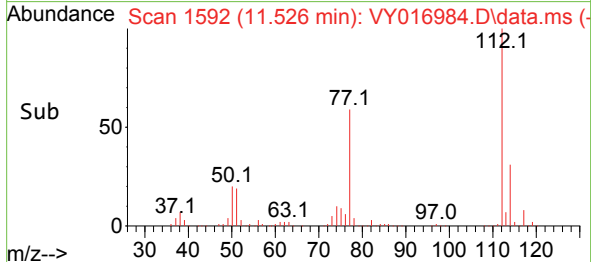
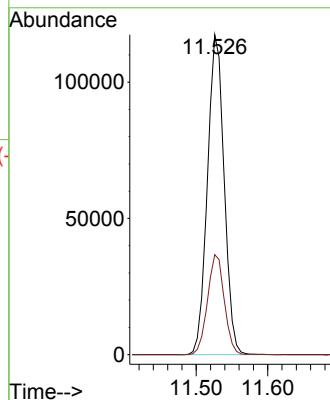
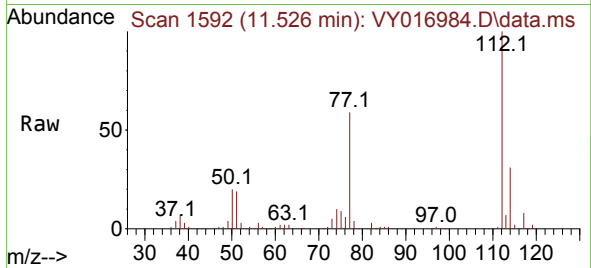




#65
Chlorobenzene
Concen: 53.227 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

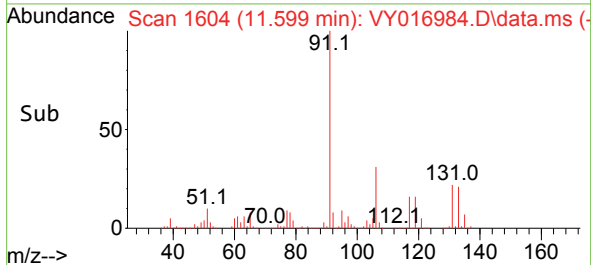
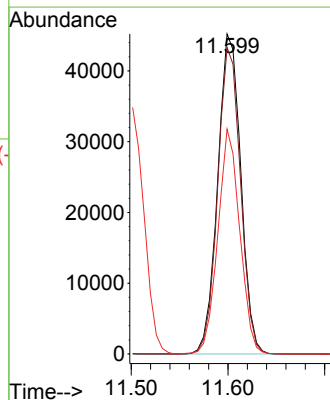
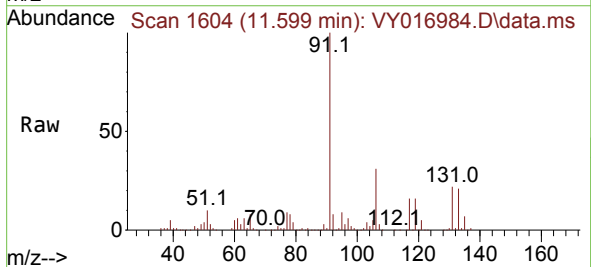
Instrument :
MSVOA_Y
ClientSampleId :

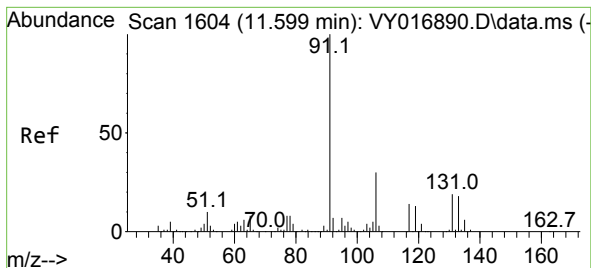
Tgt Ion:112 Resp: 190528
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 55.036 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion:131 Resp: 74889
Ion Ratio Lower Upper
131 100
133 94.4 47.0 141.0
119 66.7 33.3 99.9





#67

Ethyl Benzene

Concen: 53.830 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

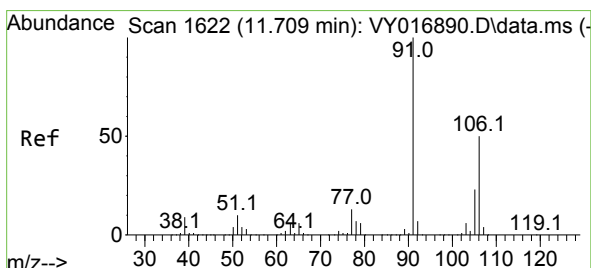
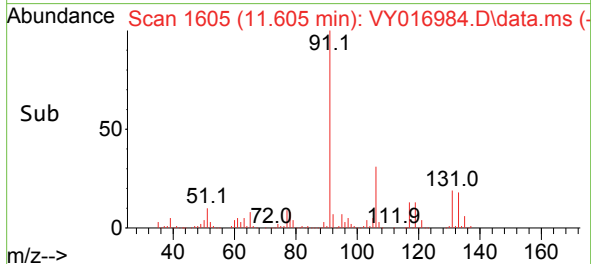
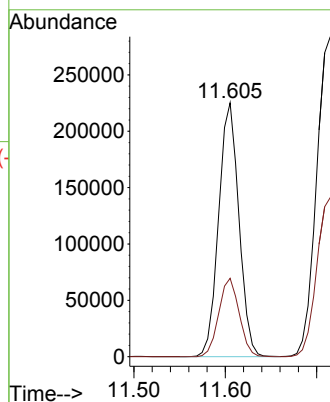
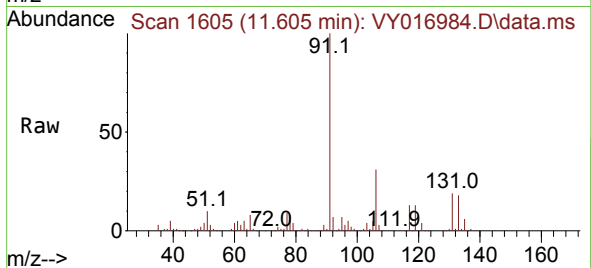
ClientSampleId :

Tgt Ion: 91 Resp: 346901

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 109.350 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016984.D

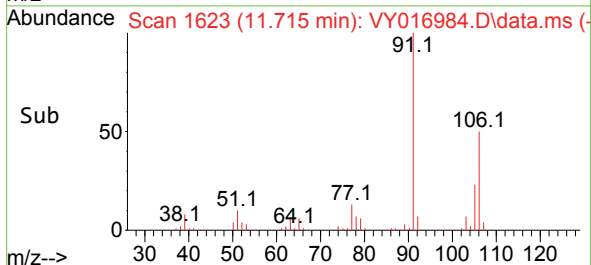
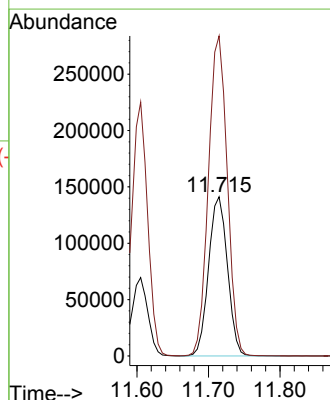
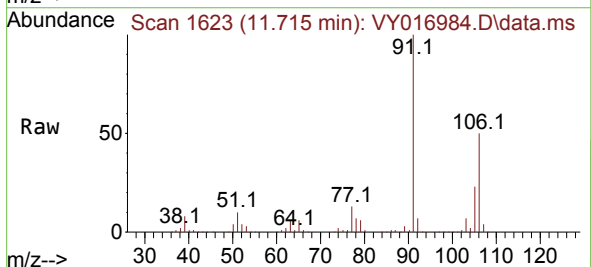
Acq: 12 Jan 2024 11:02

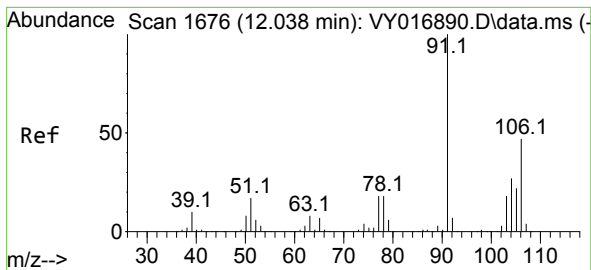
Tgt Ion:106 Resp: 258665

Ion Ratio Lower Upper

106 100

91 200.7 160.7 241.1





#69

o-Xylene

Concen: 55.759 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

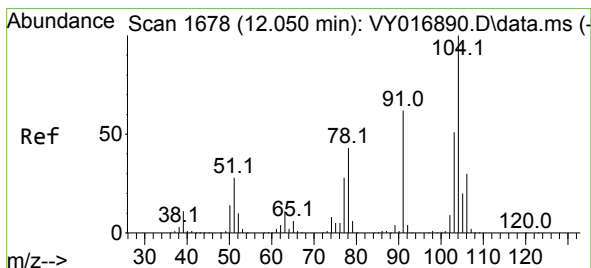
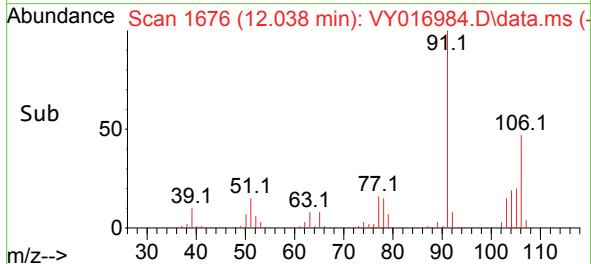
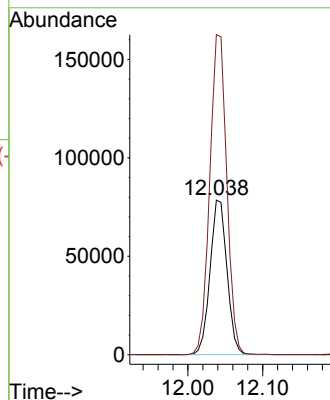
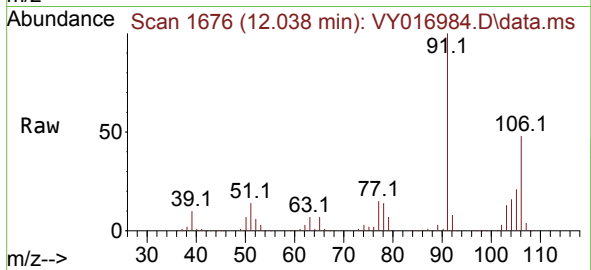
ClientSampleId :

Tgt Ion:106 Resp: 123649

Ion Ratio Lower Upper

106 100

91 208.6 106.5 319.5



#70

Styrene

Concen: 56.097 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

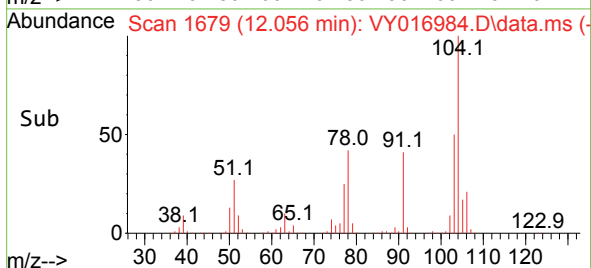
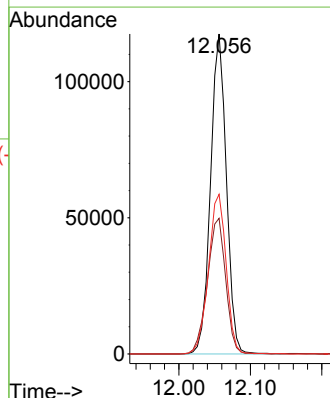
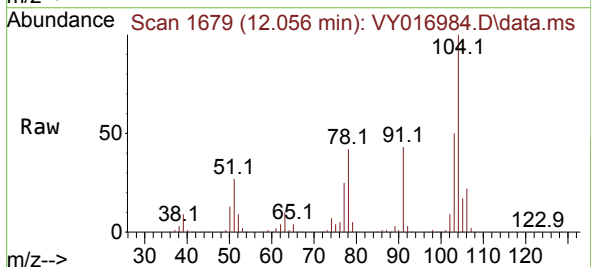
Tgt Ion:104 Resp: 181053

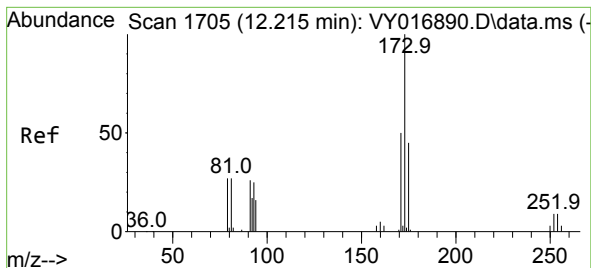
Ion Ratio Lower Upper

104 100

78 48.9 39.2 58.8

103 55.7 43.8 65.6





#71

Bromoform

Concen: 55.823 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

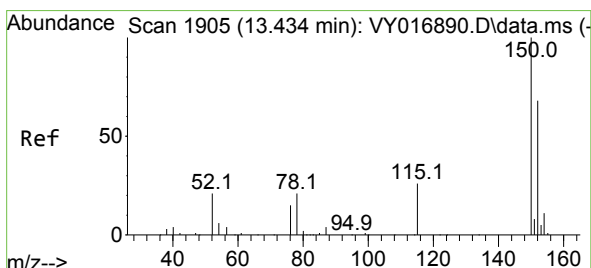
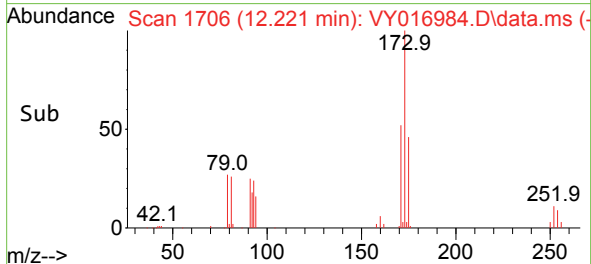
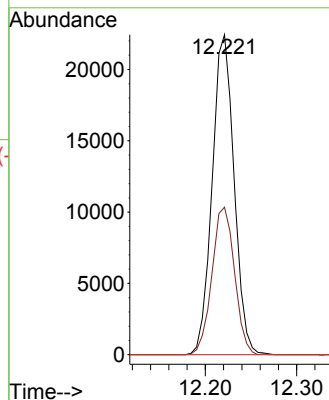
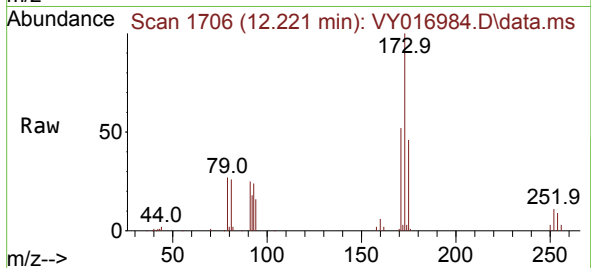
Tgt Ion:173 Resp: 37394

Ion Ratio Lower Upper

173 100

175 47.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

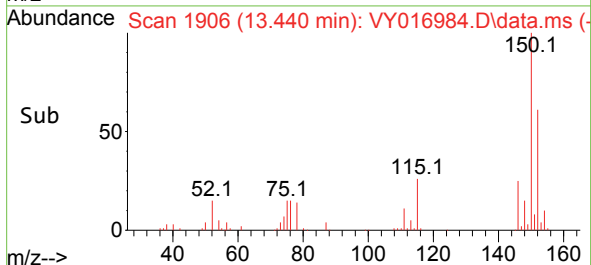
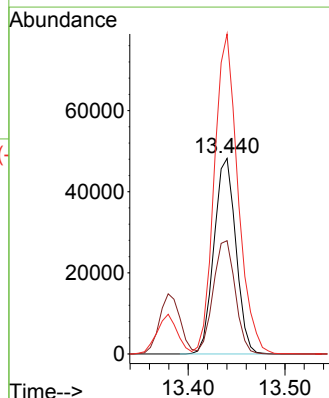
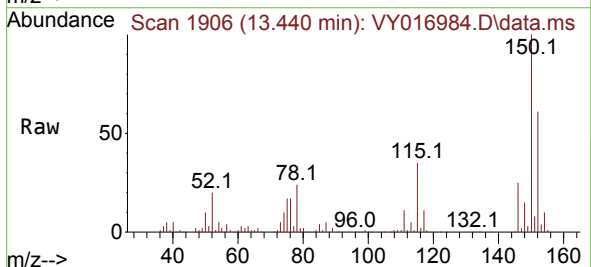
Tgt Ion:152 Resp: 75644

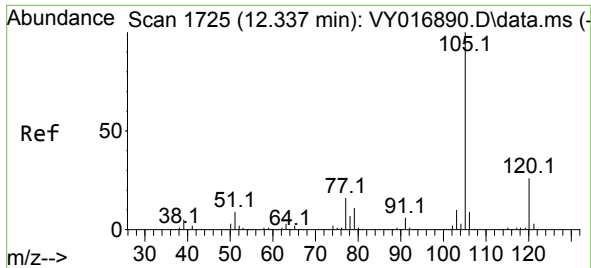
Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 177.2 0.0 344.6

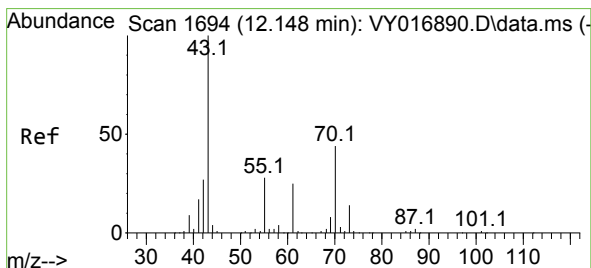
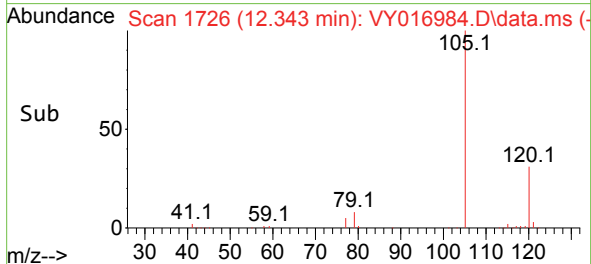
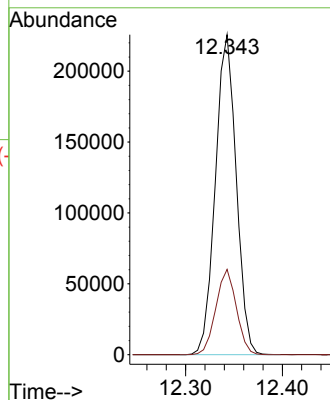
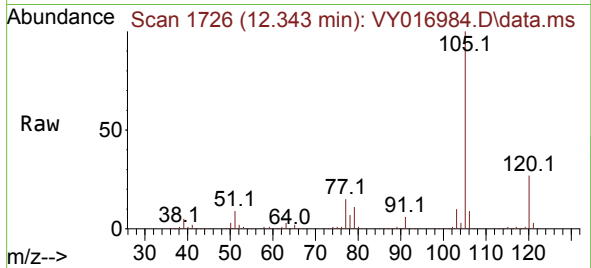




#73
Isopropylbenzene
Concen: 54.661 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

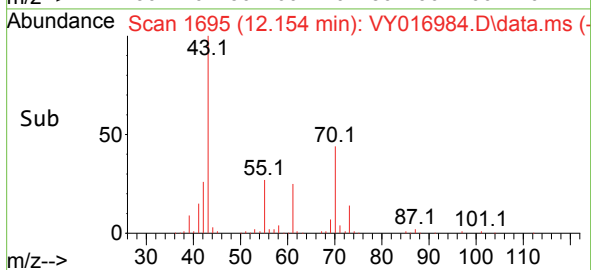
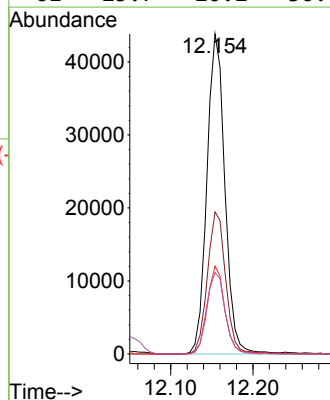
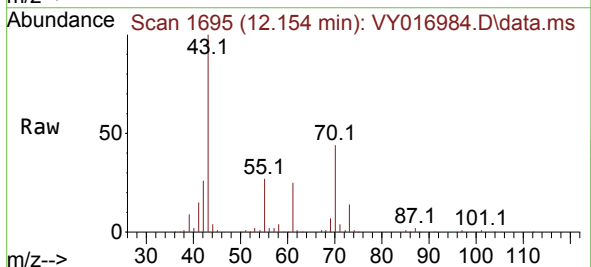
Instrument :
MSVOA_Y
ClientSampleId :

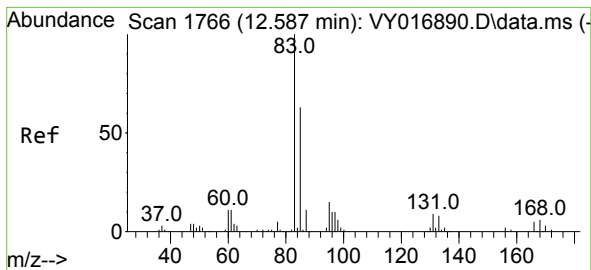
Tgt Ion:105 Resp: 337648
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 53.608 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 43 Resp: 66532
Ion Ratio Lower Upper
43 100
70 45.4 36.6 55.0
55 27.5 22.2 33.4
61 25.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.460 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

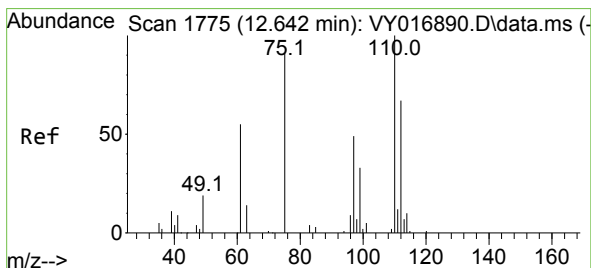
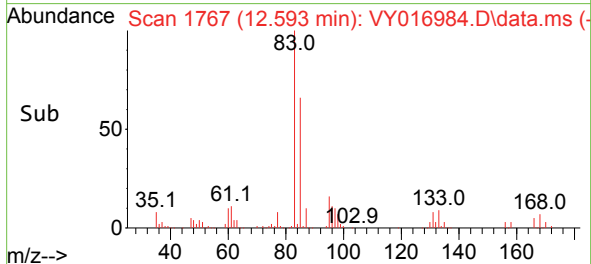
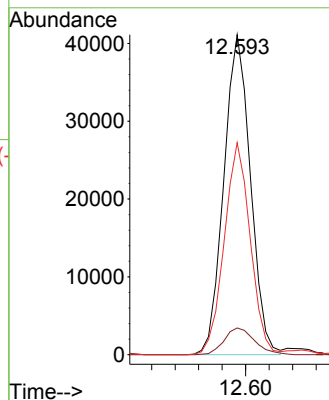
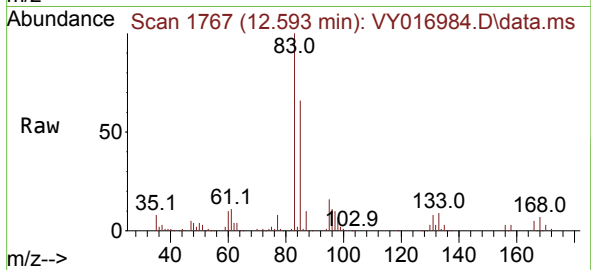
Tgt Ion: 83 Resp: 64768

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 64.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 94.235 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016984.D

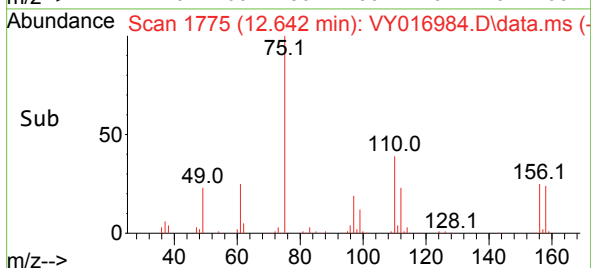
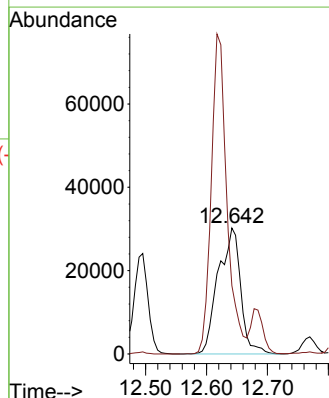
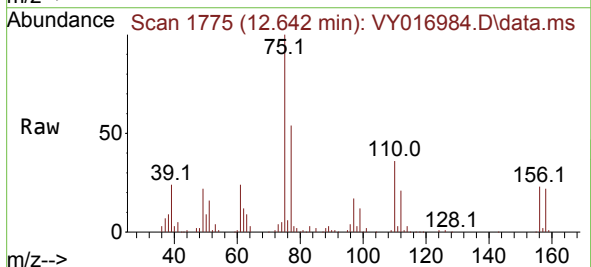
Acq: 12 Jan 2024 11:02

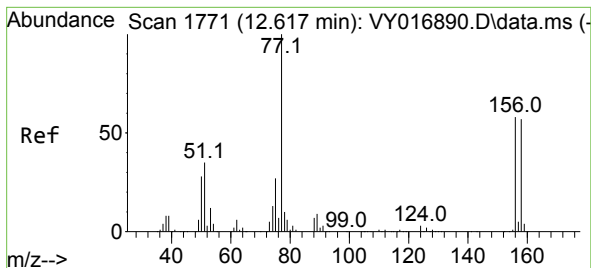
Tgt Ion: 75 Resp: 77355

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.088 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

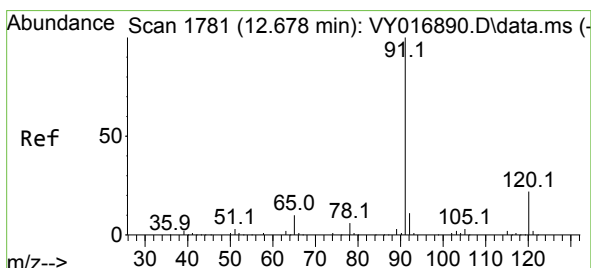
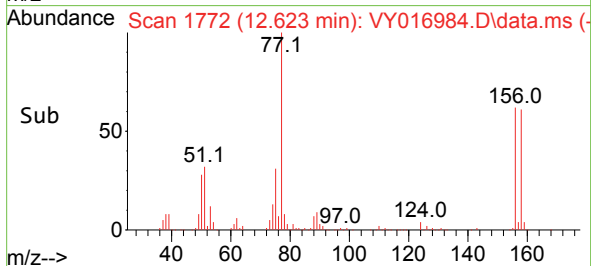
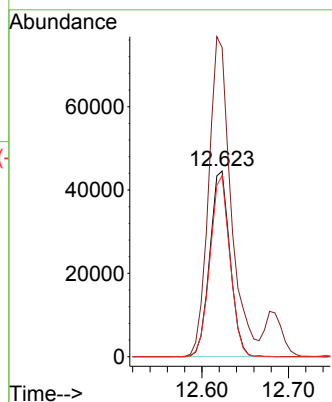
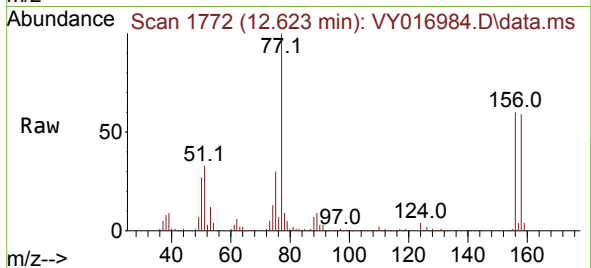
Tgt Ion:156 Resp: 72201

Ion Ratio Lower Upper

156 100

77 190.7 97.3 291.8

158 96.1 48.4 145.0



#78

n-propylbenzene

Concen: 54.011 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016984.D

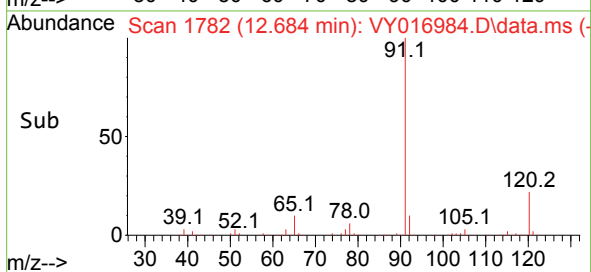
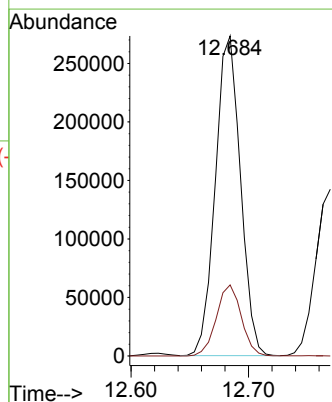
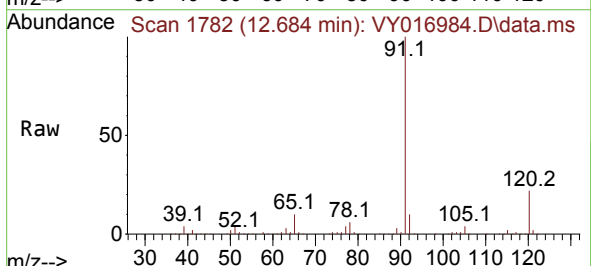
Acq: 12 Jan 2024 11:02

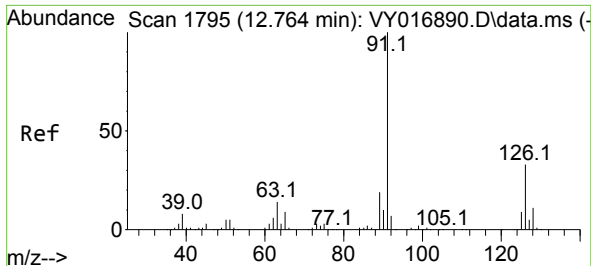
Tgt Ion: 91 Resp: 405603

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

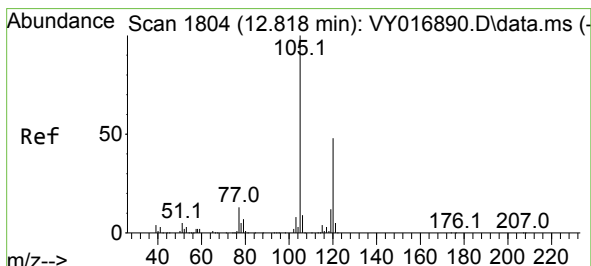
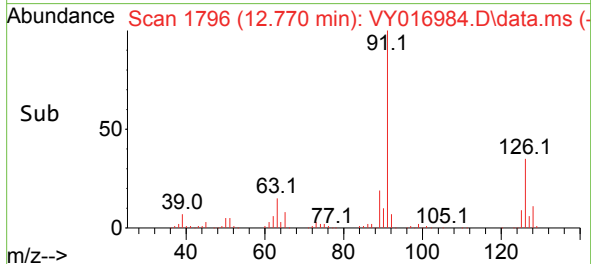
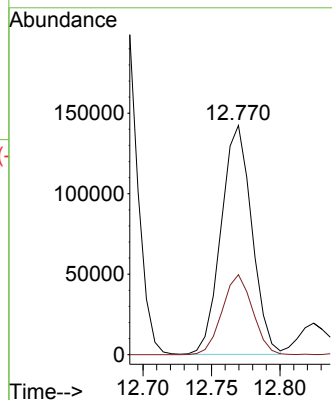
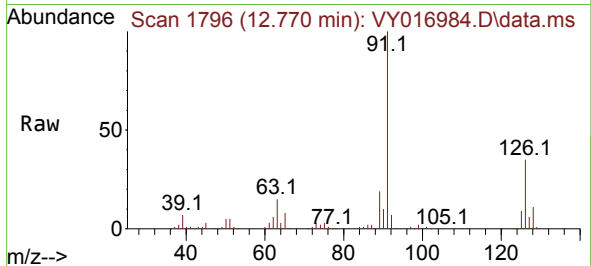




#79
2-Chlorotoluene
Concen: 53.373 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

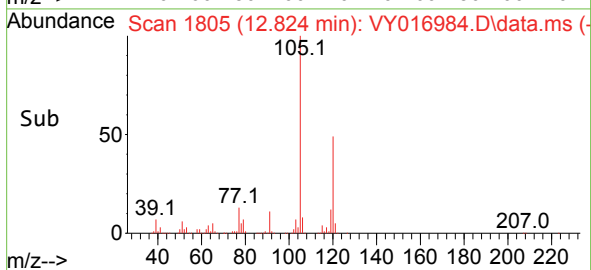
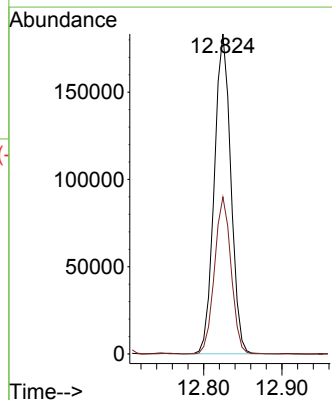
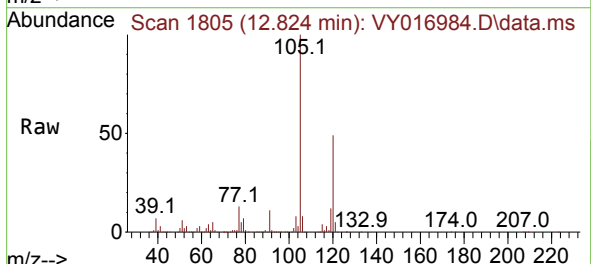
Instrument :
MSVOA_Y
ClientSampleId :

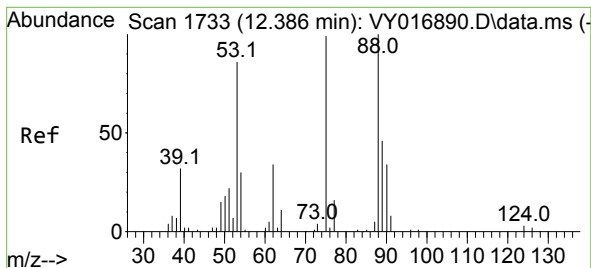
Tgt Ion: 91 Resp: 222258
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 55.029 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion:105 Resp: 268839
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8

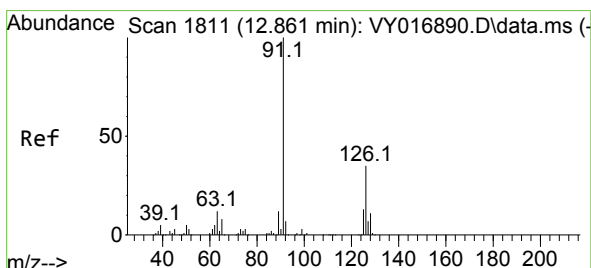
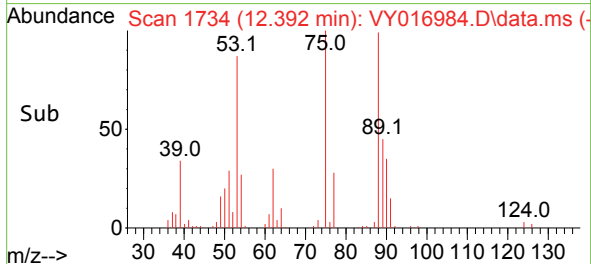
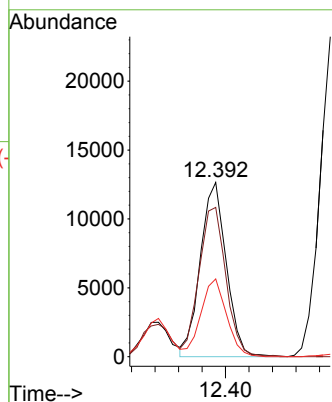
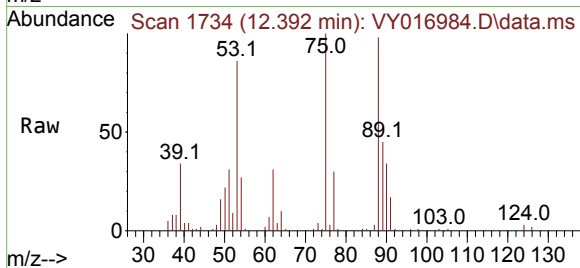




#81
trans-1,4-Dichloro-2-butene
Concen: 53.690 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

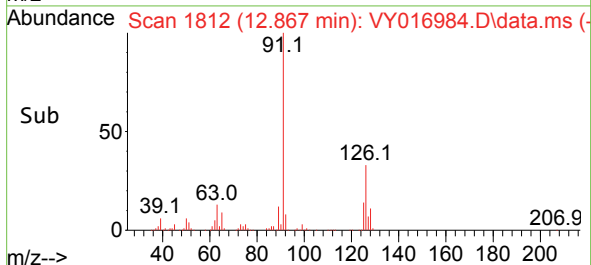
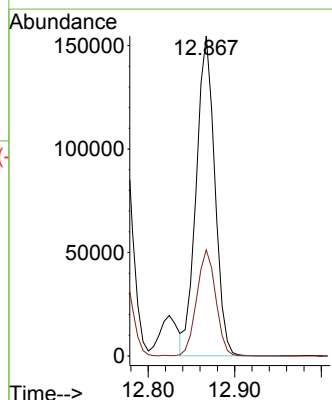
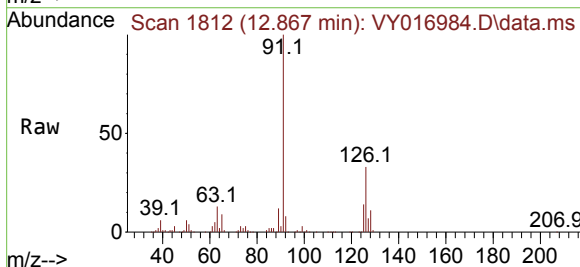
Instrument :
MSVOA_Y
ClientSampleId :

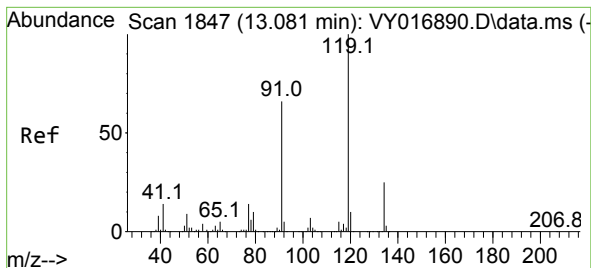
Tgt Ion: 75 Resp: 19409
Ion Ratio Lower Upper
75 100
53 89.3 74.0 111.0
89 44.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 53.999 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 91 Resp: 229730
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 55.565 ug/l

RT: 13.087 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

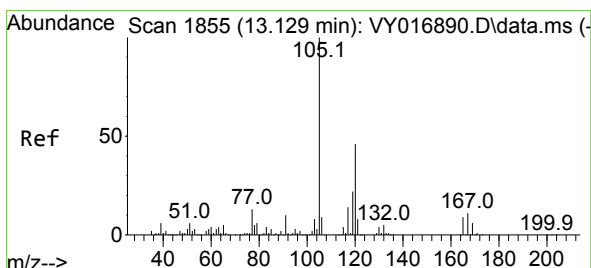
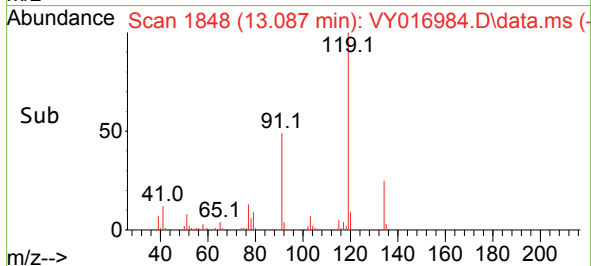
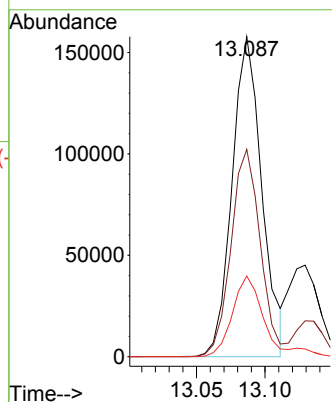
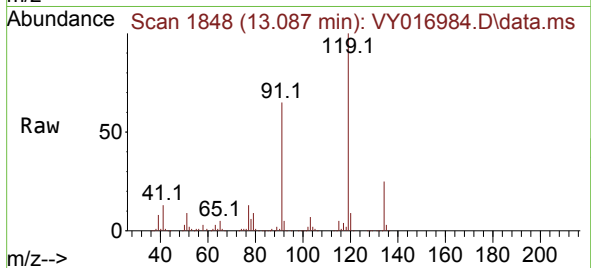
Tgt Ion:119 Resp: 239093

Ion Ratio Lower Upper

119 100

91 63.5 31.5 94.5

134 27.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 55.642 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016984.D

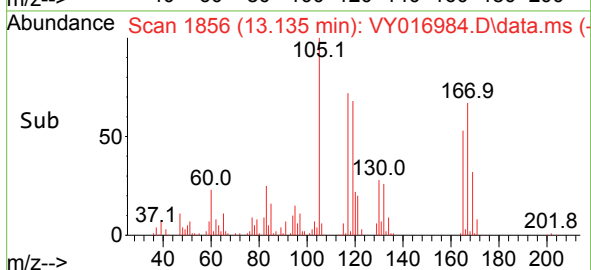
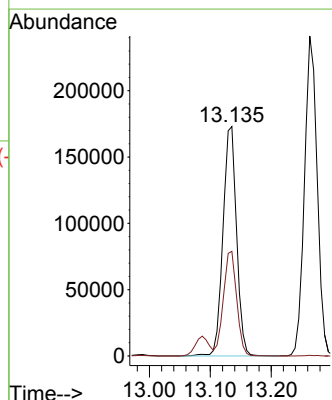
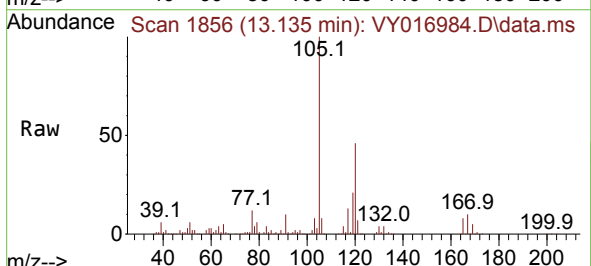
Acq: 12 Jan 2024 11:02

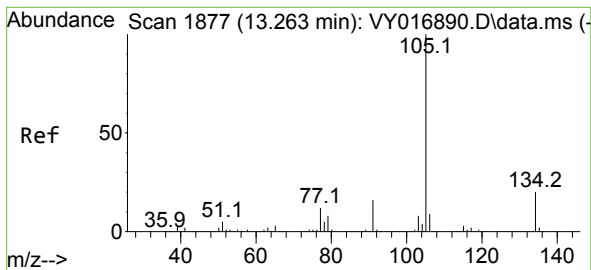
Tgt Ion:105 Resp: 267699

Ion Ratio Lower Upper

105 100

120 44.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 54.664 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

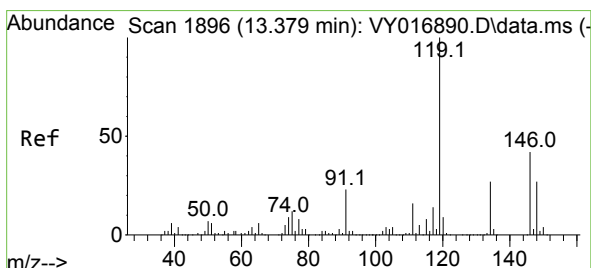
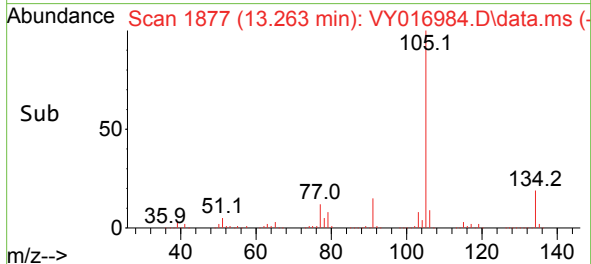
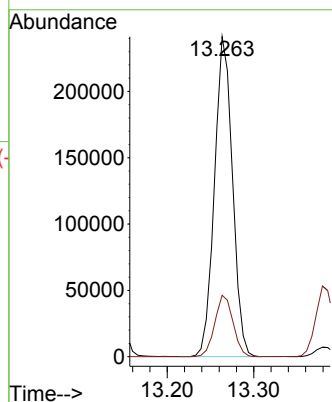
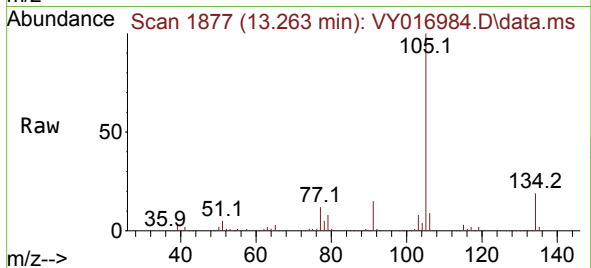
ClientSampleId :

Tgt Ion:105 Resp: 348525

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 55.352 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

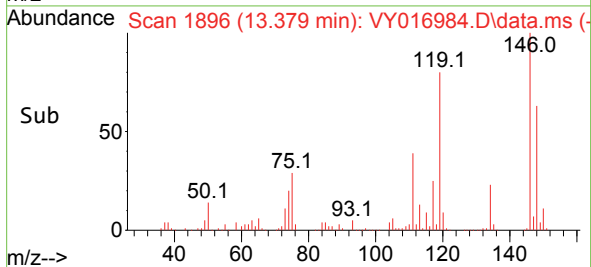
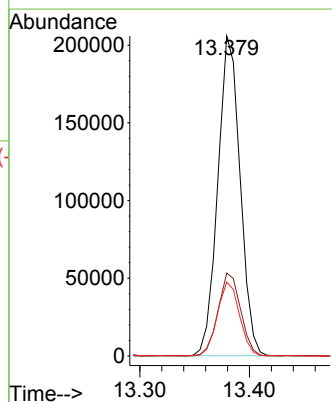
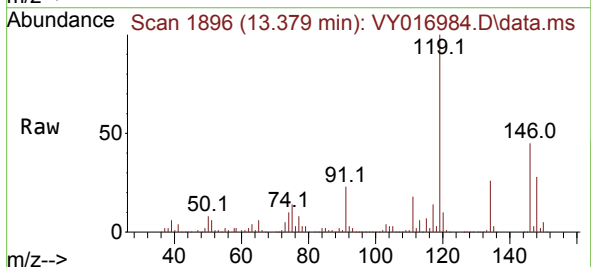
Tgt Ion:119 Resp: 291264

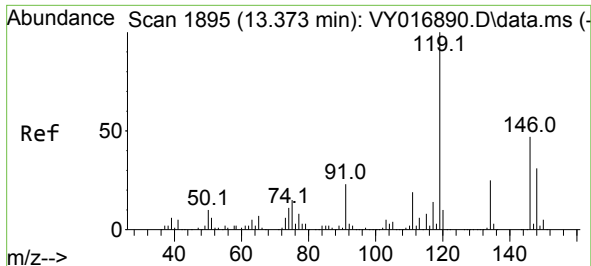
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 53.384 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

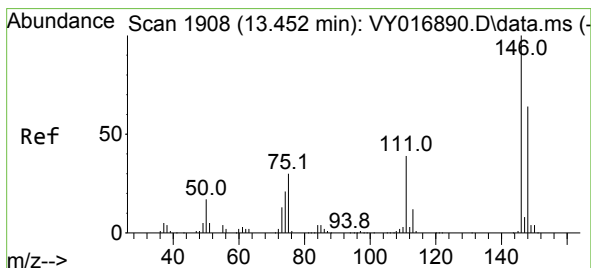
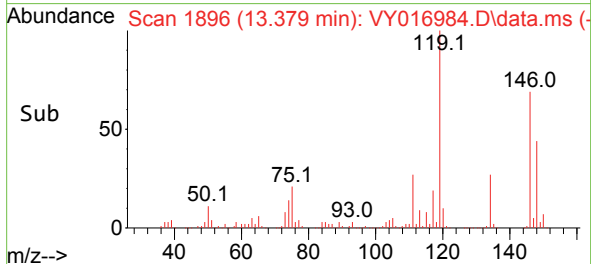
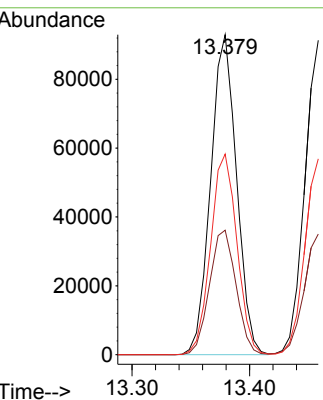
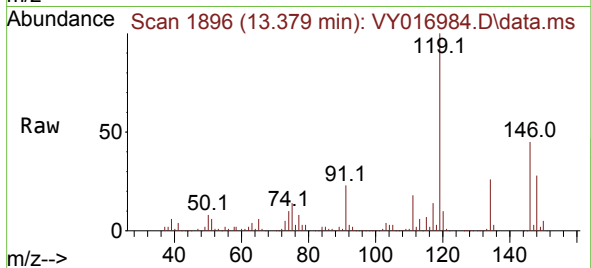
Tgt Ion:146 Resp: 142391

Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.5

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 53.192 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

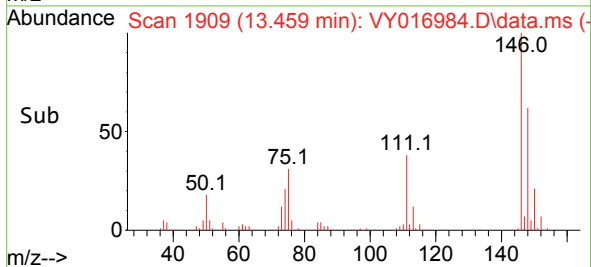
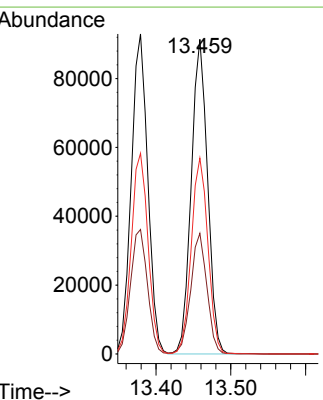
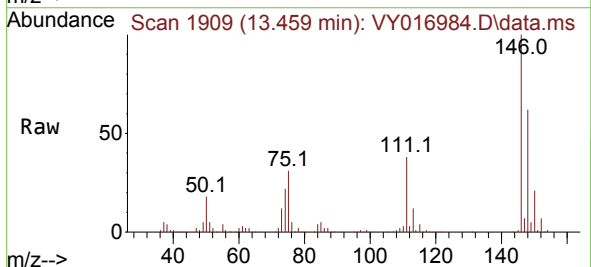
Tgt Ion:146 Resp: 138768

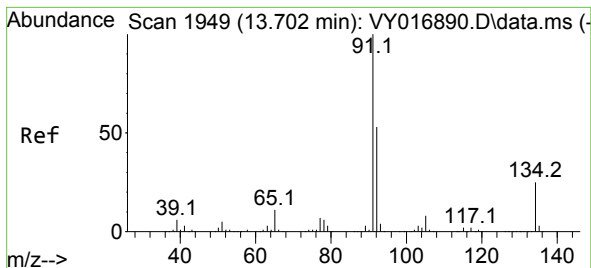
Ion Ratio Lower Upper

146 100

111 38.1 19.3 57.9

148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 54.903 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

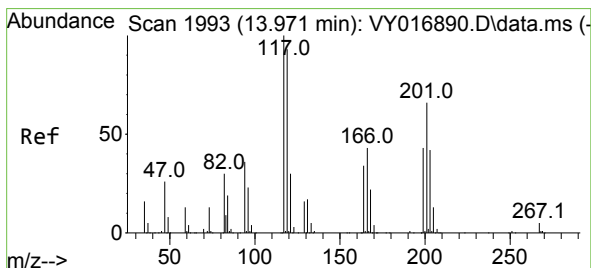
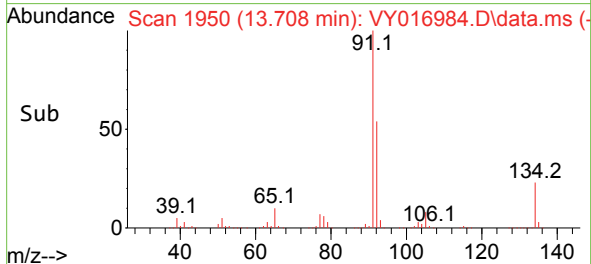
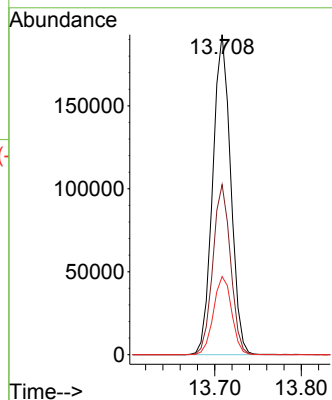
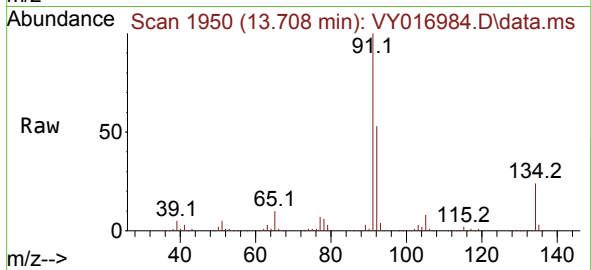
Tgt Ion: 91 Resp: 277769

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 24.7 12.3 36.8



#90

Hexachloroethane

Concen: 52.301 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016984.D

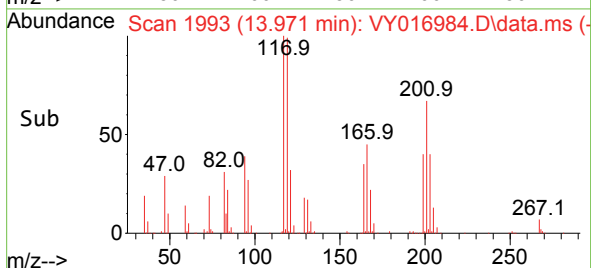
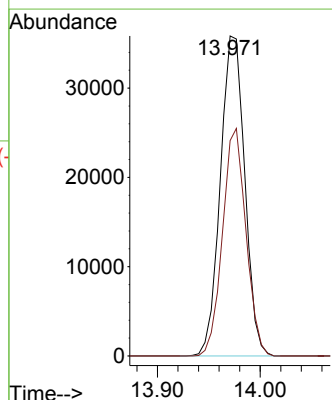
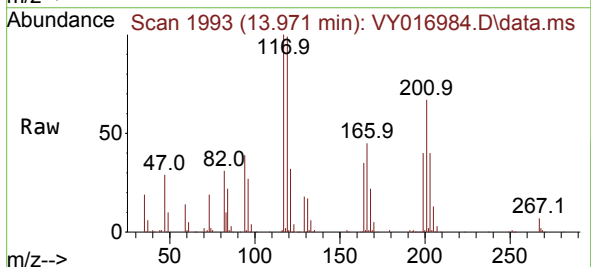
Acq: 12 Jan 2024 11:02

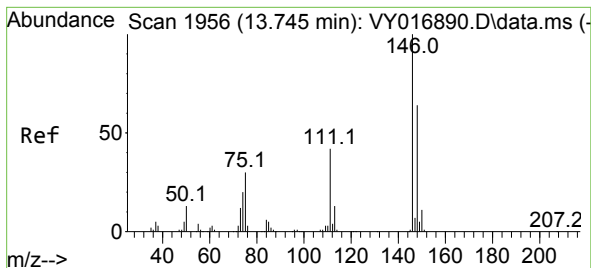
Tgt Ion:117 Resp: 59137

Ion Ratio Lower Upper

117 100

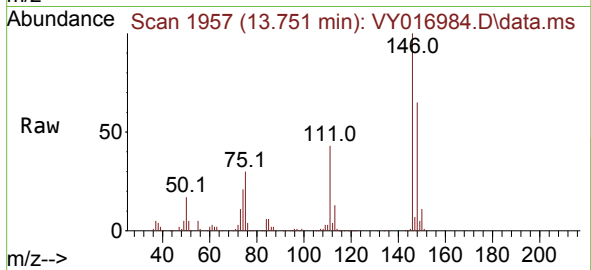
201 68.2 33.4 100.1



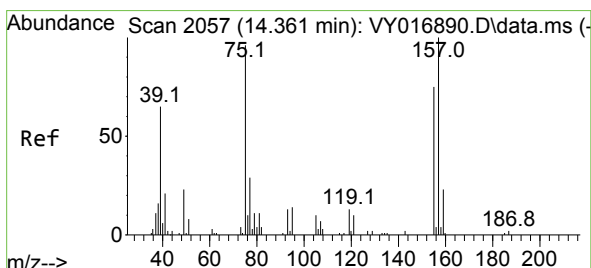
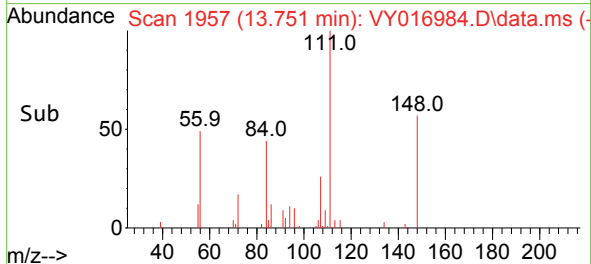
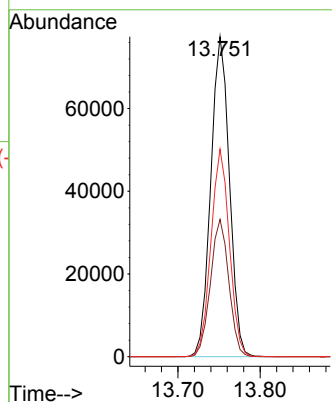


#91
1,2-Dichlorobenzene
Concen: 52.793 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Instrument :
MSVOA_Y
ClientSampleId :

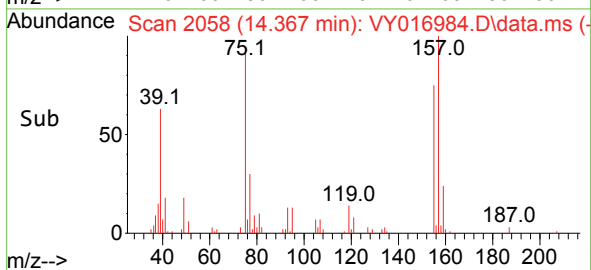
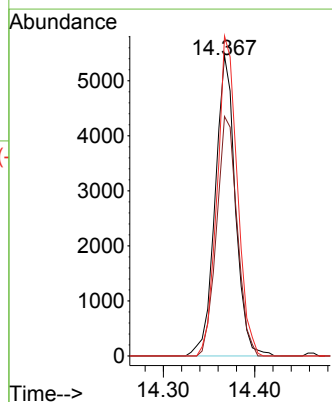
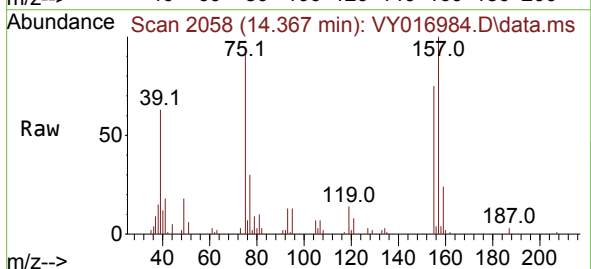


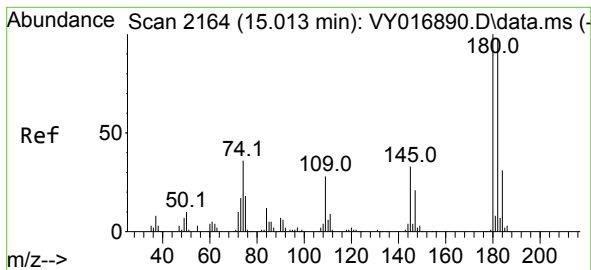
Tgt Ion:146 Resp: 121690
Ion Ratio Lower Upper
146 100
111 42.3 20.5 61.6
148 64.2 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.083 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016984.D
Acq: 12 Jan 2024 11:02

Tgt Ion: 75 Resp: 8378
Ion Ratio Lower Upper
75 100
155 81.1 42.1 126.3
157 105.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 57.769 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

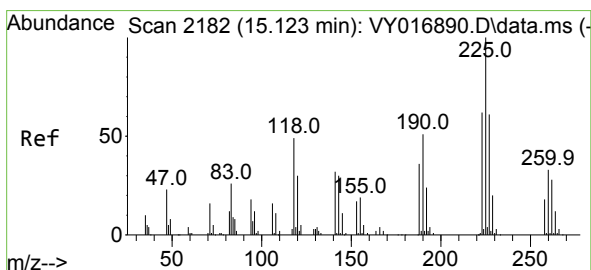
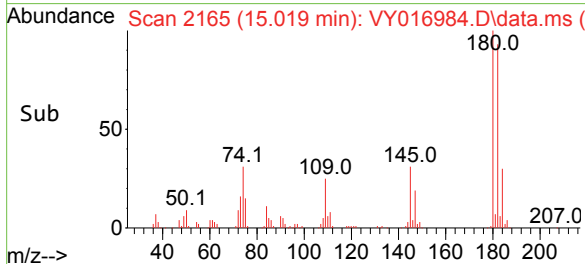
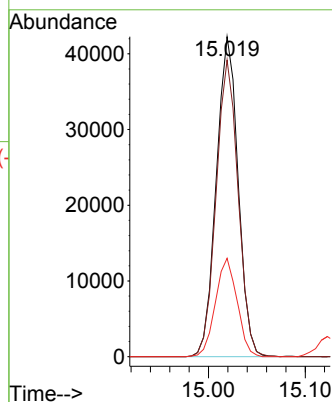
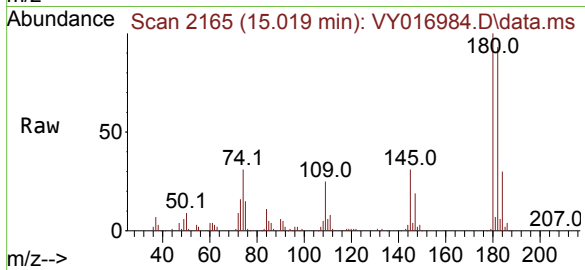
Tgt Ion:180 Resp: 66124

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 53.234 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

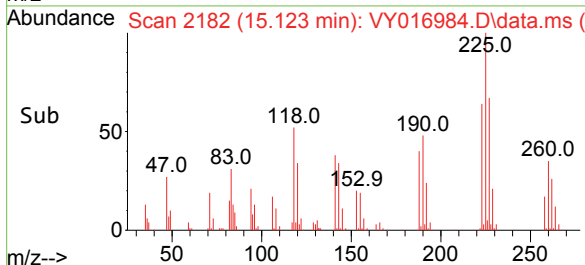
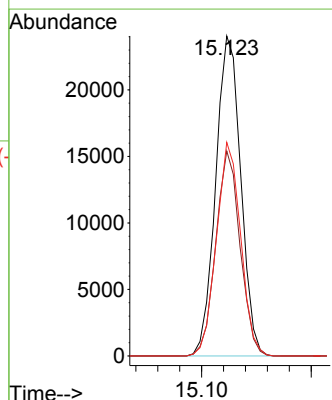
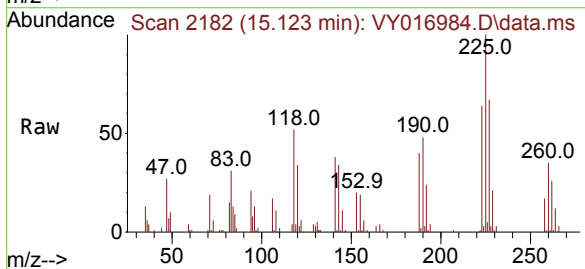
Tgt Ion:225 Resp: 38172

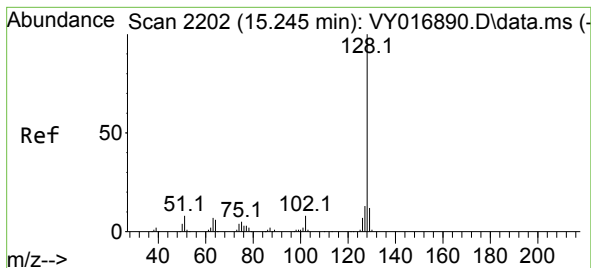
Ion Ratio Lower Upper

225 100

223 62.1 31.4 94.3

227 64.7 32.3 96.8





#95

Naphthalene

Concen: 56.956 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016984.D

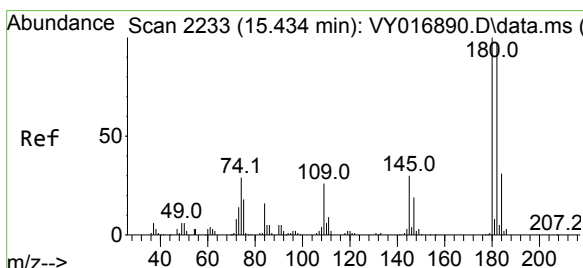
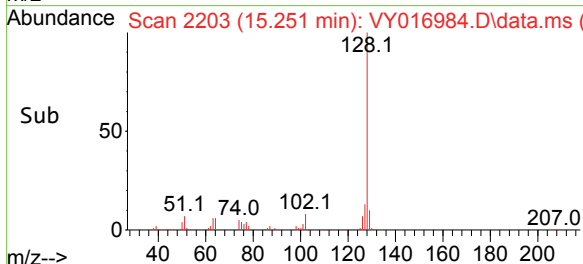
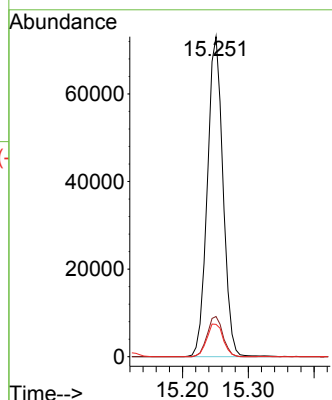
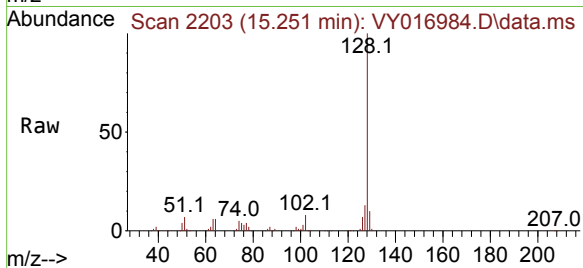
Acq: 12 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 120886
Ion Ratio	Lower Upper
128	100
127	12.6 10.2 15.4
129	10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 55.171 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016984.D

Acq: 12 Jan 2024 11:02

Tgt Ion:180	Resp: 53621
Ion Ratio	Lower Upper
180	100
182	97.4 46.3 138.8
145	31.8 16.1 48.2

