

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016986.D
 Acq On : 12 Jan 2024 12:26
 Operator : SY/MD
 Sample : VY0112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:03:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	112179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	190855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	162698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70288	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57070	51.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.940%	
35) Dibromofluoromethane	7.740	113	63771	52.435	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.860%	
50) Toluene-d8	10.197	98	223849	53.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.900%	
62) 4-Bromofluorobenzene	12.495	95	74229	52.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18738	20.272	ug/l	97
3) Chloromethane	2.125	50	27586	20.934	ug/l	97
4) Vinyl Chloride	2.259	62	33046	21.260	ug/l	98
5) Bromomethane	2.662	94	24371	21.885	ug/l	97
6) Chloroethane	2.808	64	22961	21.837	ug/l	99
7) Trichlorofluoromethane	3.143	101	41996	21.927	ug/l	100
8) Diethyl Ether	3.540	74	12908	21.089	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	27740	22.276	ug/l	100
10) Methyl Iodide	4.113	142	21233	20.042	ug/l	97
11) Tert butyl alcohol	4.978	59	11518	126.383	ug/l	97
12) 1,1-Dichloroethene	3.893	96	22432	20.995	ug/l	94
13) Acrolein	3.747	56	12407	97.827	ug/l	98
14) Allyl chloride	4.503	41	35715	21.144	ug/l	98
15) Acrylonitrile	5.192	53	29617	103.450	ug/l	98
16) Acetone	3.966	43	38560	129.473	ug/l	95
17) Carbon Disulfide	4.216	76	45486	17.817	ug/l	97
18) Methyl Acetate	4.503	43	22239	18.722	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	60429	21.739	ug/l	97
20) Methylene Chloride	4.741	84	34232	18.991	ug/l	97
21) trans-1,2-Dichloroethene	5.247	96	25521	20.855	ug/l	99
22) Diisopropyl ether	6.143	45	87550	22.420	ug/l	96
23) Vinyl Acetate	6.082	43	195099	108.959	ug/l	98
24) 1,1-Dichloroethane	6.045	63	52040	22.176	ug/l	99
25) 2-Butanone	7.002	43	45050	113.781	ug/l	97
26) 2,2-Dichloropropane	7.002	77	45709	22.465	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	32127	22.396	ug/l	99
28) Bromochloromethane	7.356	49	18980	21.544	ug/l	99
29) Tetrahydrofuran	7.368	42	21666	96.549	ug/l	99
30) Chloroform	7.527	83	54481	22.529	ug/l	99
31) Cyclohexane	7.807	56	38449	20.205	ug/l	96
32) 1,1,1-Trichloroethane	7.722	97	46026	22.446	ug/l	99
36) 1,1-Dichloropropene	7.941	75	37806	21.330	ug/l	100
37) Ethyl Acetate	7.094	43	16944	21.036	ug/l	100
38) Carbon Tetrachloride	7.923	117	39394	21.876	ug/l	98
39) Methylcyclohexane	9.203	83	40432	20.292	ug/l	99
40) Benzene	8.179	78	111780	21.023	ug/l	98

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:03:00 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)
41) Methacrylonitrile	7.326	41	9090	21.428	ug/l	96
42) 1,2-Dichloroethane	8.258	62	30710	21.757	ug/l	99
43) Isopropyl Acetate	8.289	43	31743	20.580	ug/l	100
44) Trichloroethene	8.959	130	29174	21.563	ug/l	93
45) 1,2-Dichloropropane	9.234	63	30026	21.920	ug/l	99
46) Dibromomethane	9.319	93	14556	20.836	ug/l	99
47) Bromodichloromethane	9.514	83	40745	21.720	ug/l	96
48) Methyl methacrylate	9.313	41	15936	19.144	ug/l	93
49) 1,4-Dioxane	9.319	88	3094	427.742	ug/l	95
51) 4-Methyl-2-Pentanone	10.087	43	82959	101.132	ug/l	99
52) Toluene	10.258	92	69421	21.635	ug/l	98
53) t-1,3-Dichloropropene	10.484	75	35278	20.995	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	42470	21.046	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	21606	21.170	ug/l	97
56) Ethyl methacrylate	10.526	69	17817	20.611	ug/l	97
57) 1,3-Dichloropropane	10.807	76	36330	21.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	44207	93.038	ug/l	98
59) 2-Hexanone	10.849	43	63382	104.934	ug/l	99
60) Dibromochloromethane	11.002	129	25333	21.524	ug/l	97
61) 1,2-Dibromoethane	11.105	107	18218	20.545	ug/l	96
64) Tetrachloroethene	10.734	164	23319	22.108	ug/l	95
65) Chlorobenzene	11.532	112	74457	21.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	28397	22.040	ug/l	99
67) Ethyl Benzene	11.611	91	134241	22.000	ug/l	99
68) m/p-Xylenes	11.721	106	99504	44.426	ug/l	99
69) o-Xylene	12.044	106	45286	21.568	ug/l	97
70) Styrene	12.063	104	67314	22.027	ug/l	99
71) Bromoform	12.227	173	13117	20.680	ug/l #	98
73) Isopropylbenzene	12.343	105	129694	22.596	ug/l	99
74) N-amyl acetate	12.160	43	24352	21.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	24454	20.910	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	28193	36.962	ug/l #	100
77) Bromobenzene	12.623	156	27181	21.509	ug/l	99
78) n-propylbenzene	12.684	91	154407	22.128	ug/l	100
79) 2-Chlorotoluene	12.770	91	85709	22.150	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	103333	22.763	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	6592	19.625	ug/l	98
82) 4-Chlorotoluene	12.867	91	89455	22.629	ug/l	99
83) tert-Butylbenzene	13.087	119	88152	22.047	ug/l	96
84) 1,2,4-Trimethylbenzene	13.136	105	100886	22.567	ug/l	100
85) sec-Butylbenzene	13.270	105	135067	22.798	ug/l	100
86) p-Isopropyltoluene	13.385	119	109740	22.444	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	54135	21.842	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	53855	22.217	ug/l	99
89) n-Butylbenzene	13.709	91	105230	22.384	ug/l	99
90) Hexachloroethane	13.977	117	23581	22.444	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	46434	21.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3125	21.309	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	23802	22.379	ug/l	98
94) Hexachlorobutadiene	15.129	225	14824	22.249	ug/l	98
95) Naphthalene	15.251	128	39683	22.143	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	20204	22.372	ug/l	97

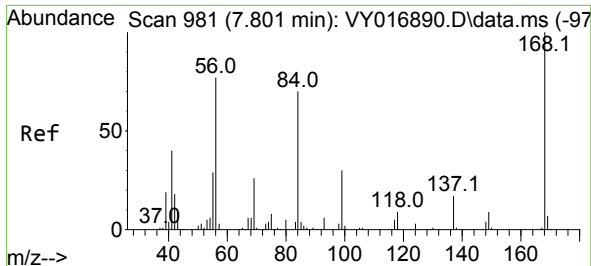
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

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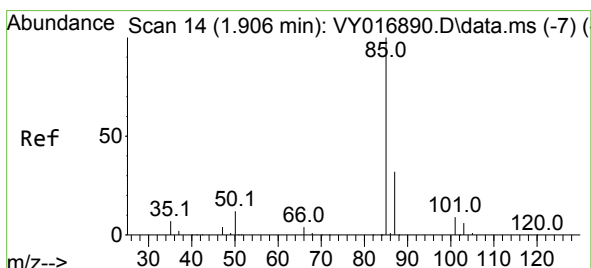
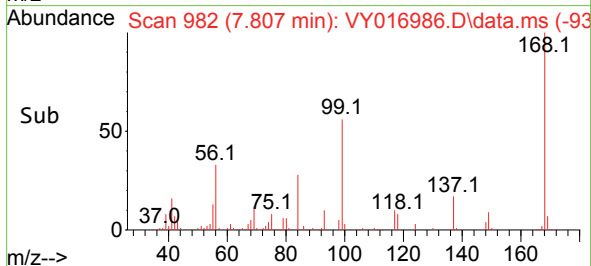
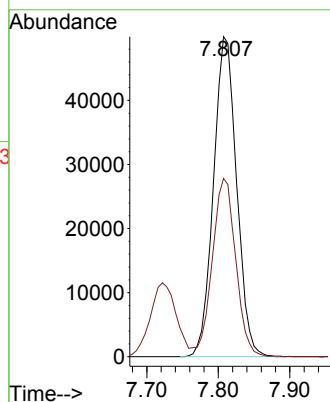
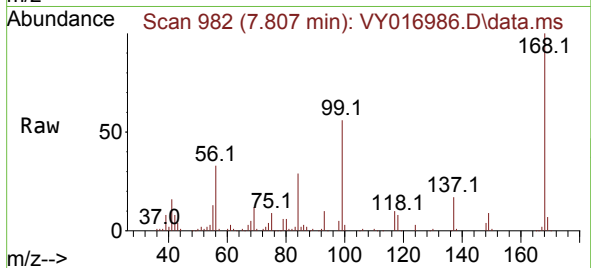
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

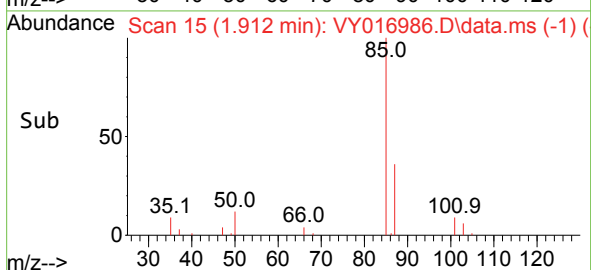
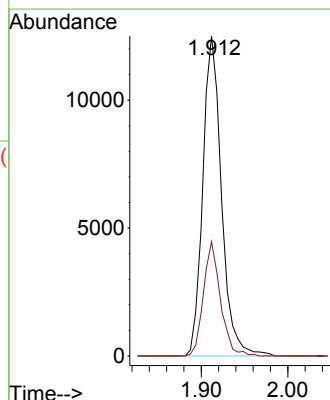
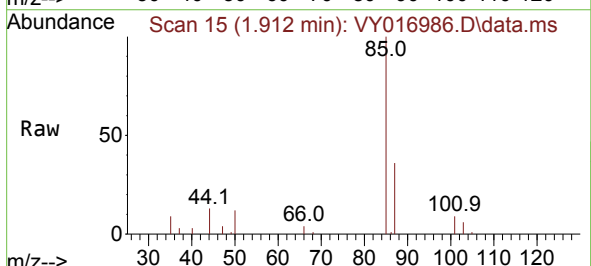
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MSVOA_Y
ClientSampleId :

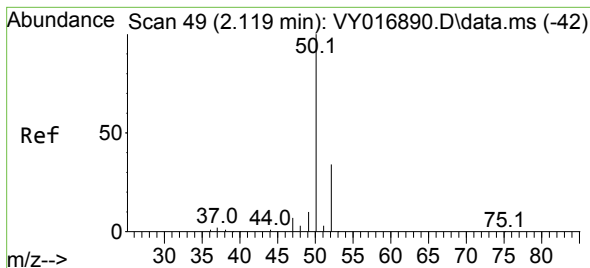
Tgt Ion:168 Resp: 112179
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.272 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 85 Resp: 18738
Ion Ratio Lower Upper
85 100
87 35.7 17.1 51.3





#3

Chloromethane

Concen: 20.934 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

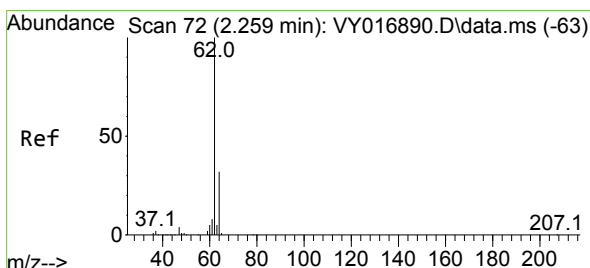
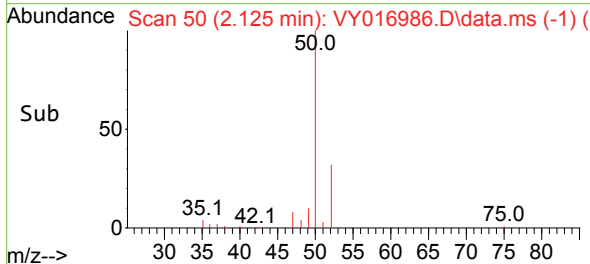
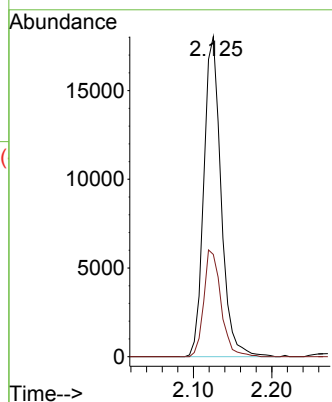
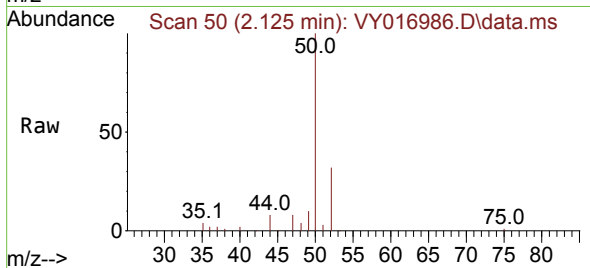
ClientSampleId :

Tgt Ion: 50 Resp: 27586

Ion Ratio Lower Upper

50 100

52 32.0 26.7 40.1



#4

Vinyl Chloride

Concen: 21.260 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016986.D

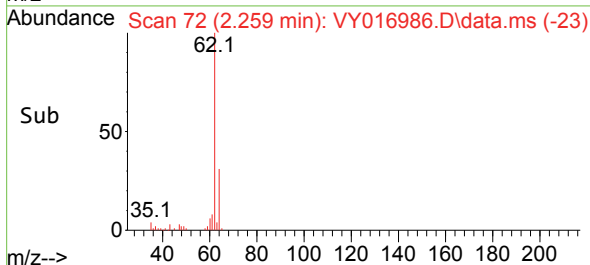
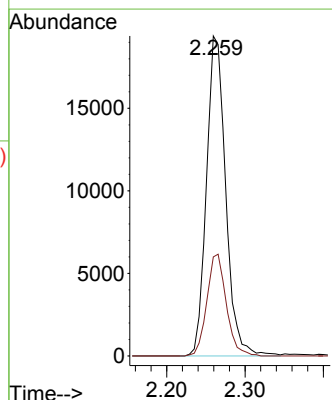
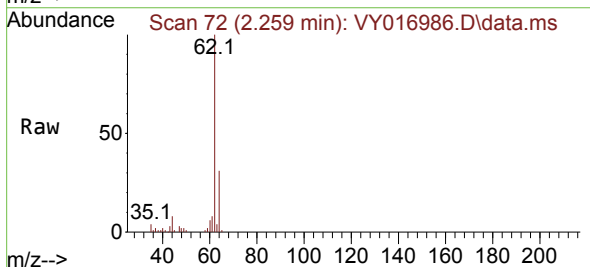
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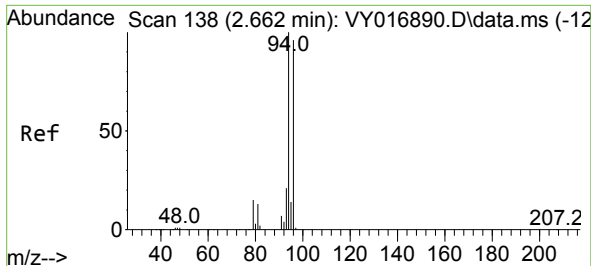
Tgt Ion: 62 Resp: 33046

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5

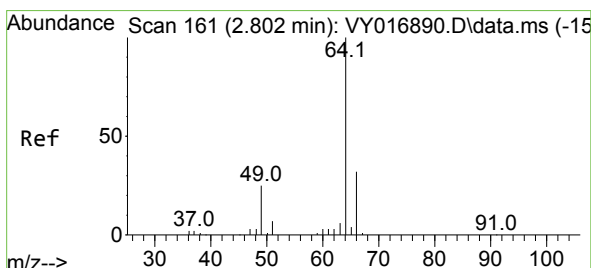
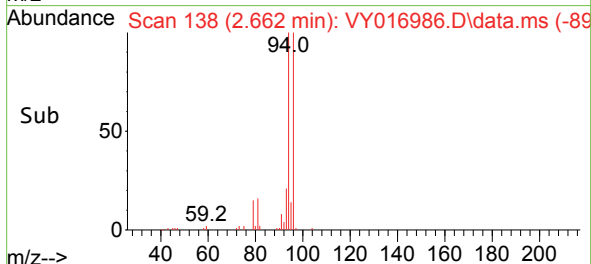
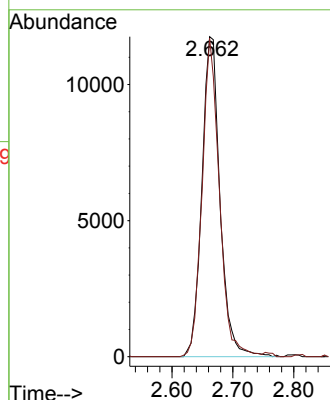
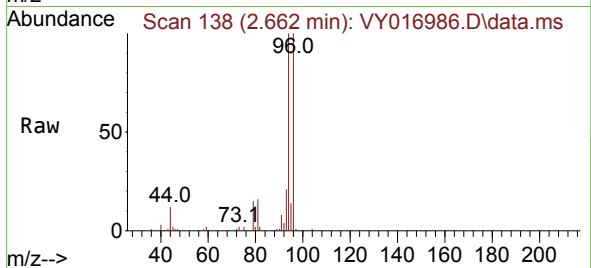




#5
Bromomethane
Concen: 21.885 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

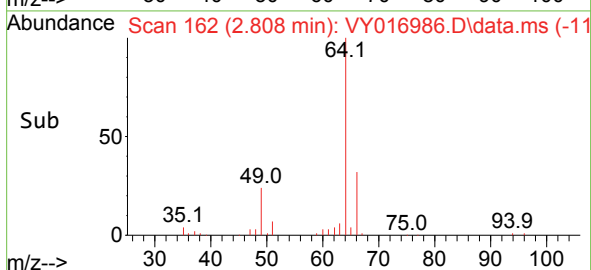
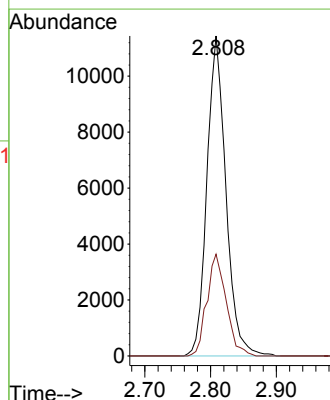
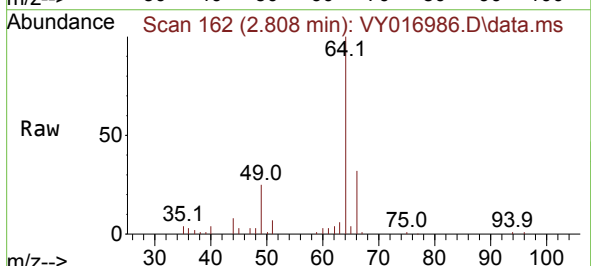
Instrument :
MSVOA_Y
ClientSampleId :

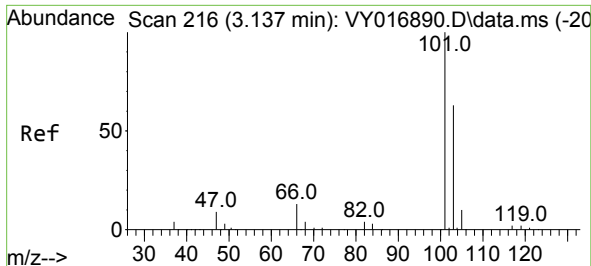
Tgt Ion: 94 Resp: 24371
Ion Ratio Lower Upper
94 100
96 99.5 77.3 115.9



#6
Chloroethane
Concen: 21.837 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

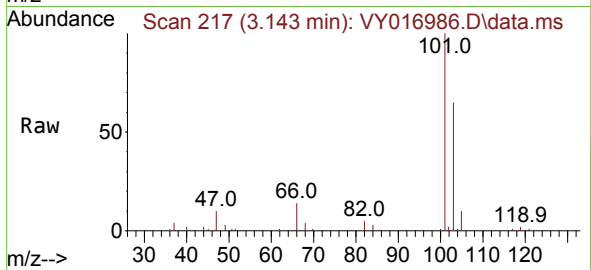
Tgt Ion: 64 Resp: 22961
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7



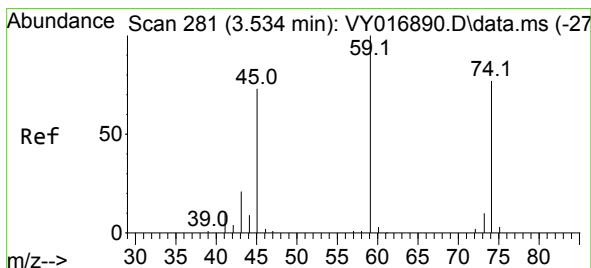
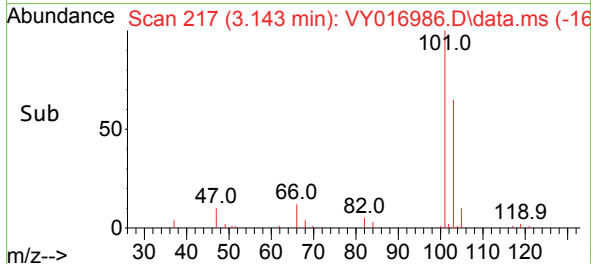
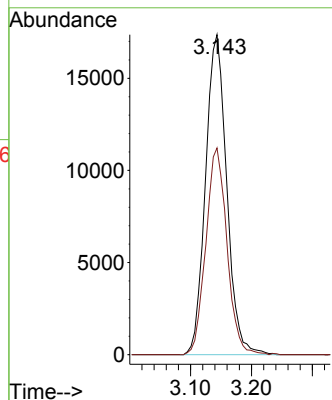


#7
Trichlorofluoromethane
Concen: 21.927 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :

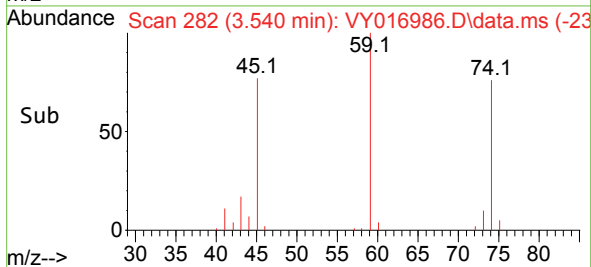
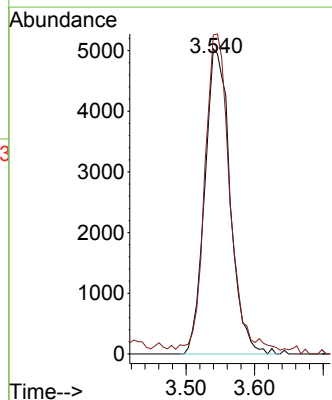
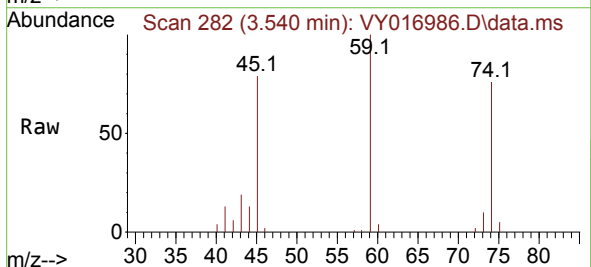


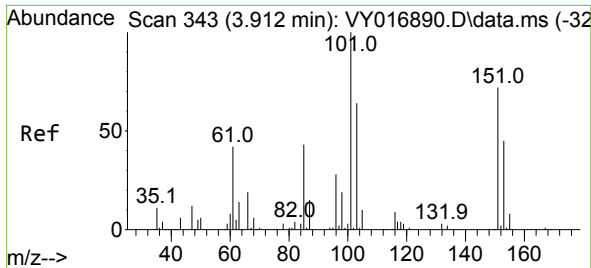
Tgt Ion:101 Resp: 41996
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9



#8
Diethyl Ether
Concen: 21.089 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

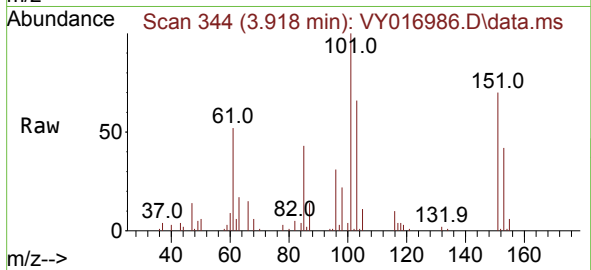
Tgt Ion: 74 Resp: 12908
Ion Ratio Lower Upper
74 100
45 100.4 47.9 143.7



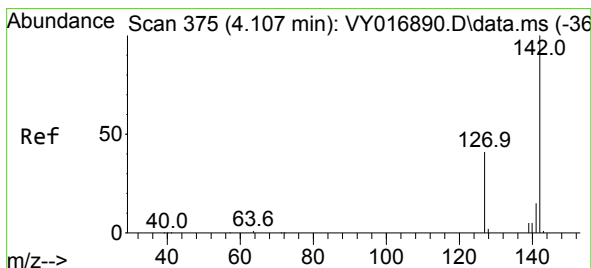
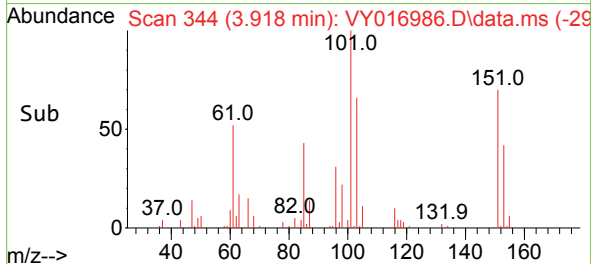
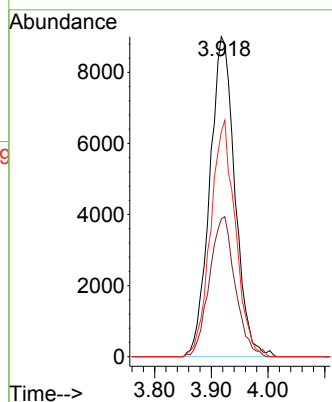


#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.276 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.007 min
Lab File: VY016986.D
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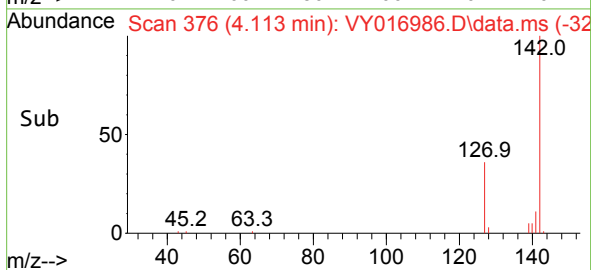
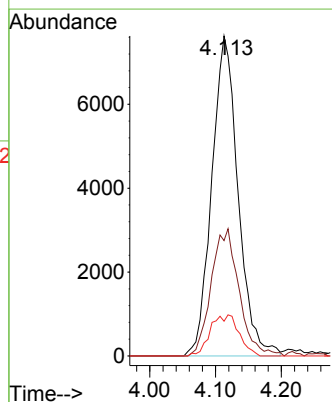
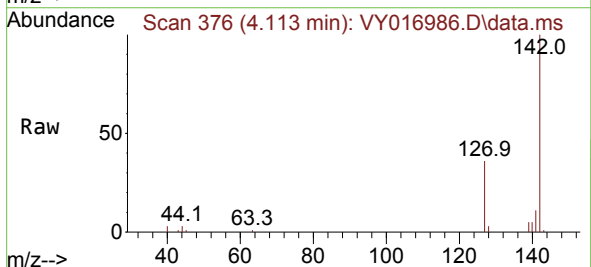


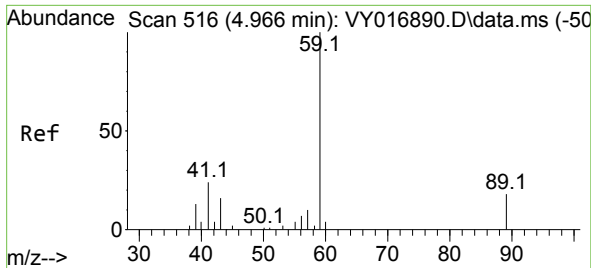
Tgt Ion:101 Resp: 27740
Ion Ratio Lower Upper
101 100
85 44.7 35.8 53.6
151 72.8 58.6 88.0



#10
Methyl Iodide
Concen: 20.042 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion:142 Resp: 21233
Ion Ratio Lower Upper
142 100
127 42.0 35.1 52.7
141 14.0 11.8 17.6





#11

Tert butyl alcohol

Concen: 126.383 ug/l

RT: 4.978 min Scan# 516

Delta R.T. 0.012 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

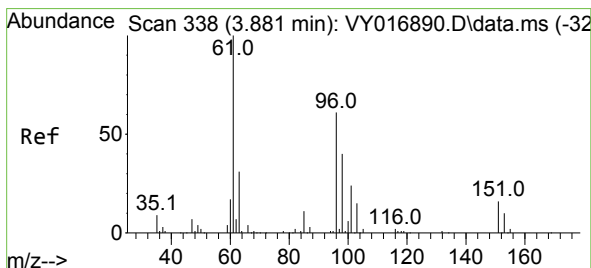
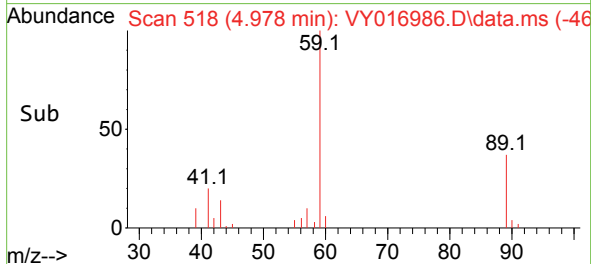
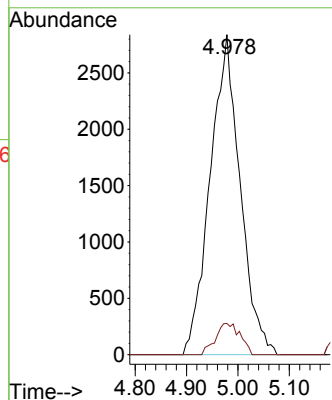
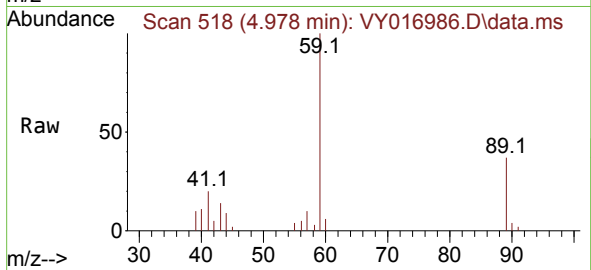
ClientSampleId :

Tgt Ion: 59 Resp: 11518

Ion Ratio Lower Upper

59 100

57 8.0 7.4 11.0



#12

1,1-Dichloroethene

Concen: 20.995 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

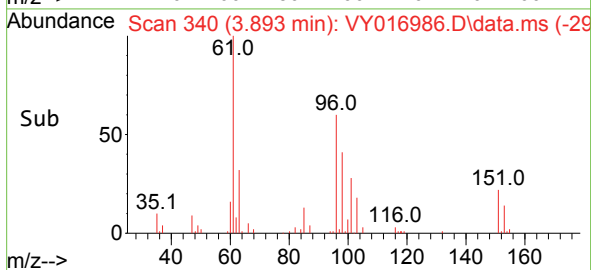
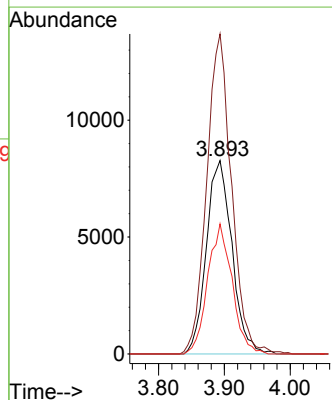
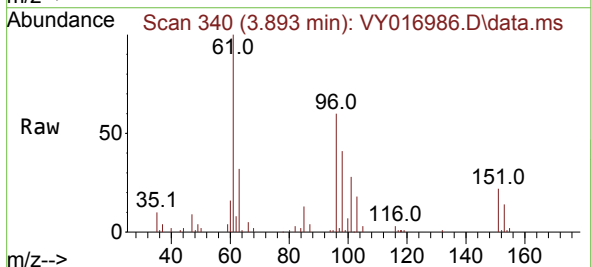
Tgt Ion: 96 Resp: 22432

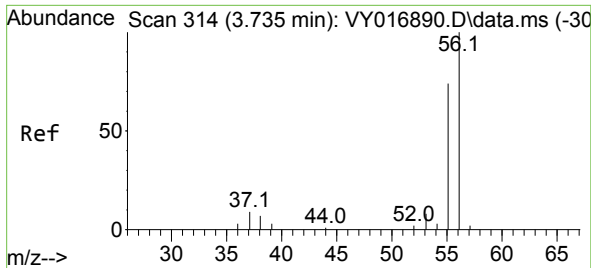
Ion Ratio Lower Upper

96 100

61 165.5 124.2 186.2

98 67.3 52.6 79.0





#13

Acrolein

Concen: 97.827 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

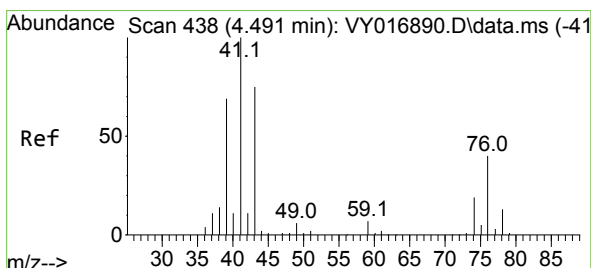
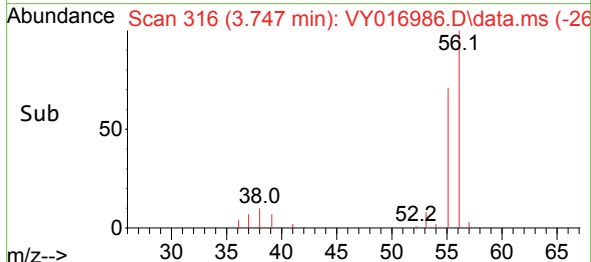
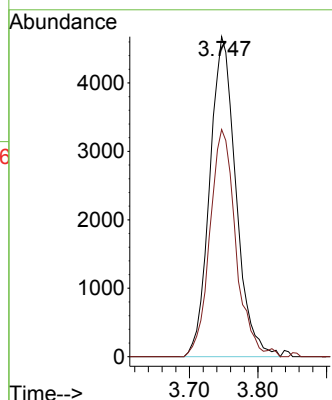
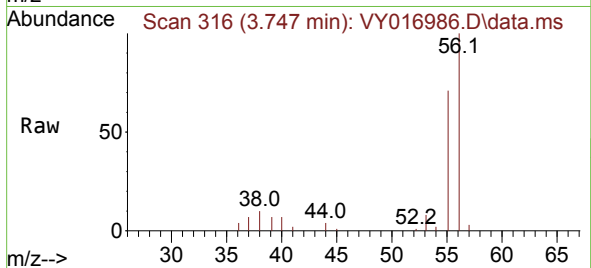
ClientSampleId :

Tgt Ion: 56 Resp: 12407

Ion Ratio Lower Upper

56 100

55 70.5 55.4 83.0



#14

Allyl chloride

Concen: 21.144 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

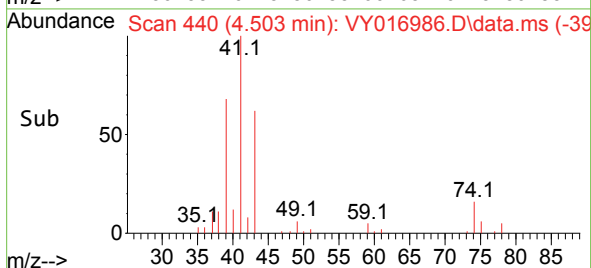
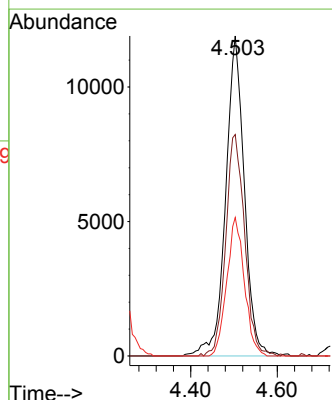
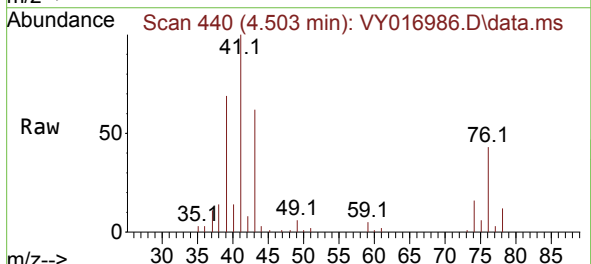
Tgt Ion: 41 Resp: 35715

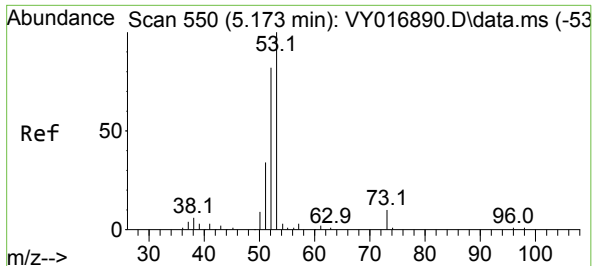
Ion Ratio Lower Upper

41 100

39 70.1 54.7 82.1

76 40.9 31.8 47.6

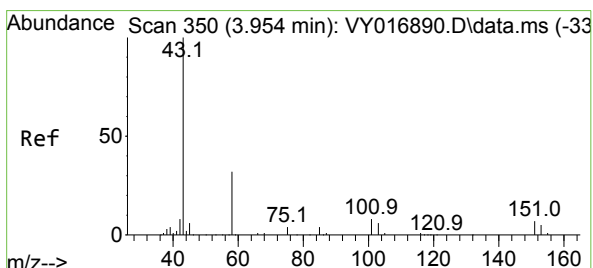
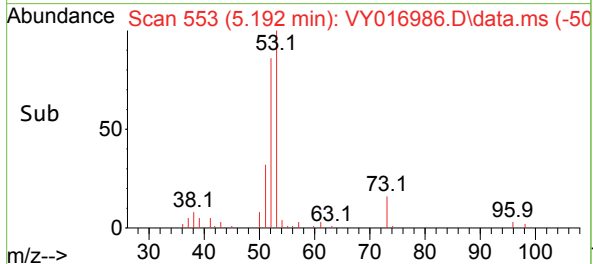
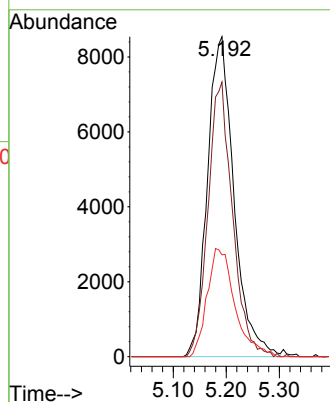
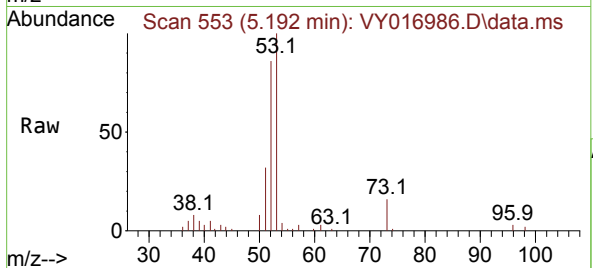




#15
Acrylonitrile
Concen: 103.450 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

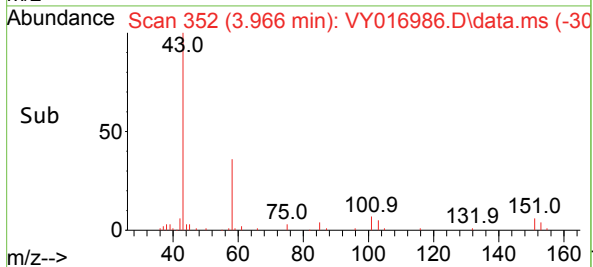
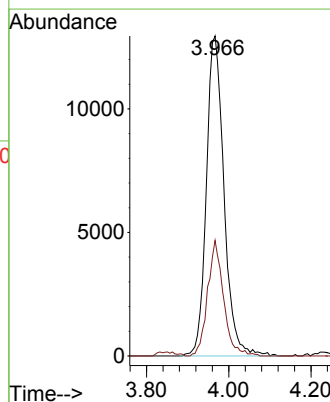
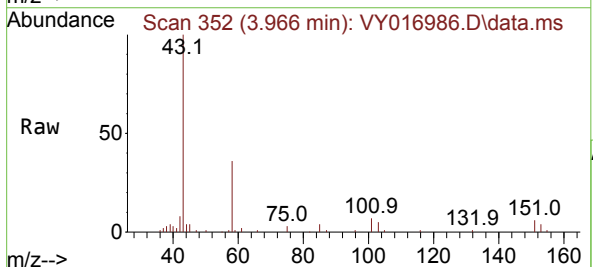
Instrument :
MSVOA_Y
ClientSampleId :

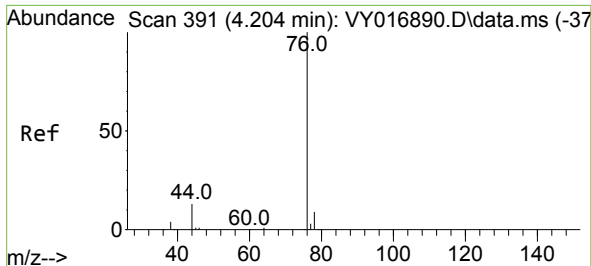
Tgt Ion: 53	Resp:	29617
Ion Ratio	Lower	Upper
53	100	
52	79.5	65.1 97.7
51	35.5	29.0 43.4



#16
Acetone
Concen: 129.473 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 43	Resp:	38560
Ion Ratio	Lower	Upper
43	100	
58	36.1	26.6 39.8

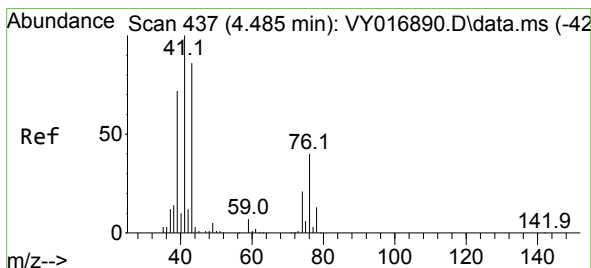
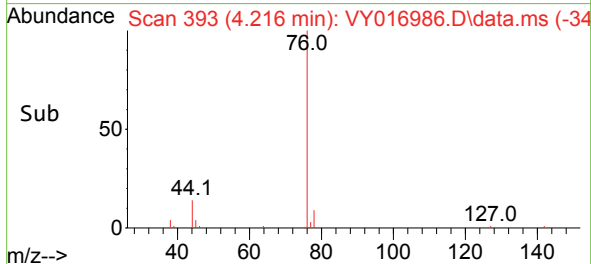
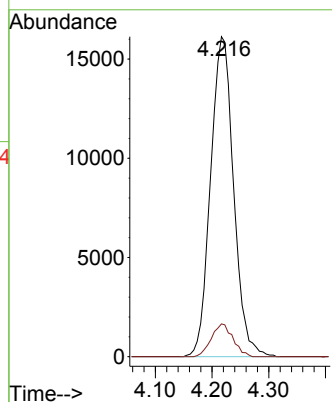
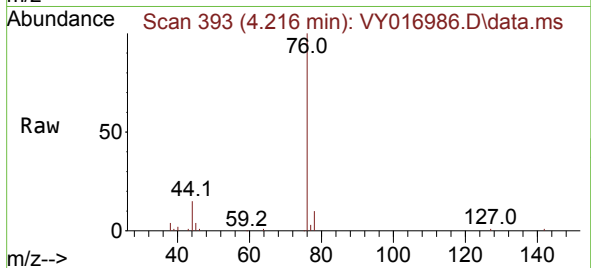




#17
Carbon Disulfide
Concen: 17.817 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

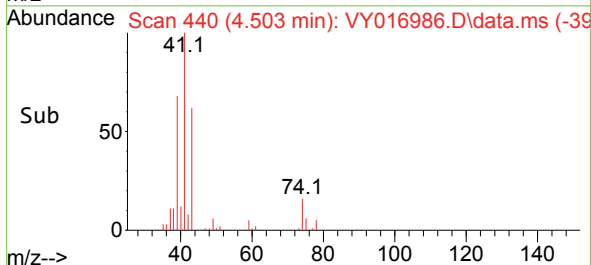
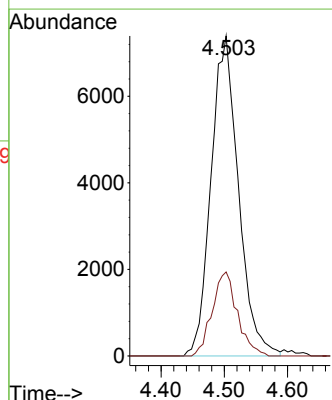
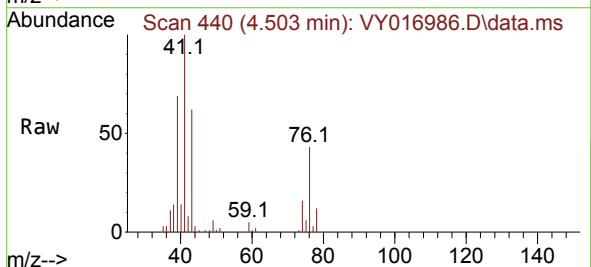
Instrument :
MSVOA_Y
ClientSampleId :

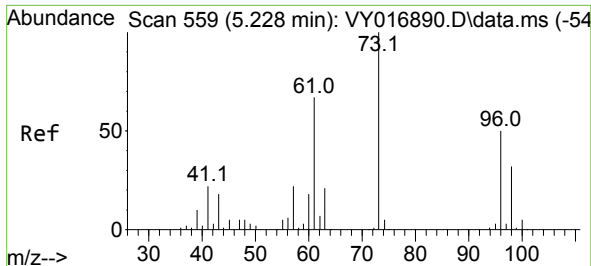
Tgt Ion: 76 Resp: 45486
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 18.722 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 43 Resp: 22239
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.6

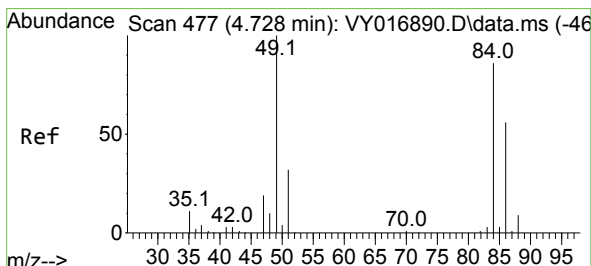
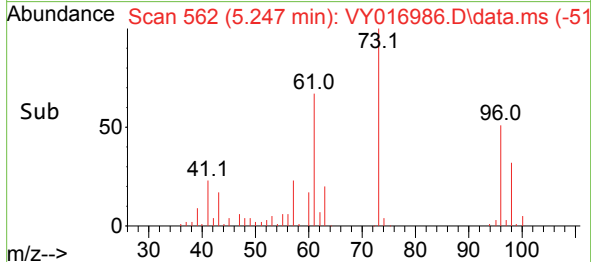
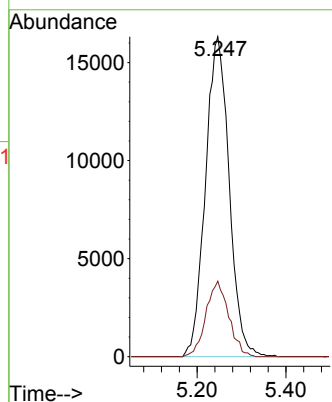
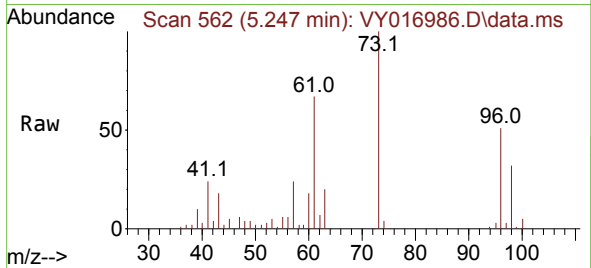




#19
Methyl tert-butyl Ether
Concen: 21.739 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

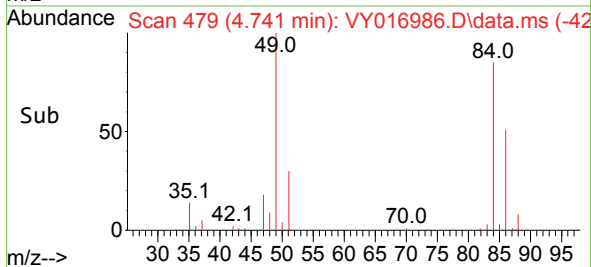
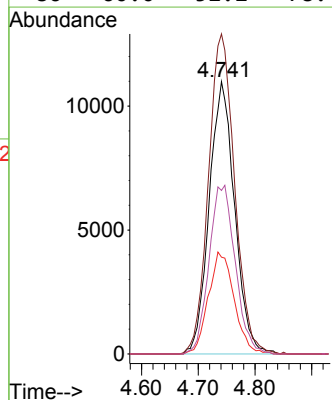
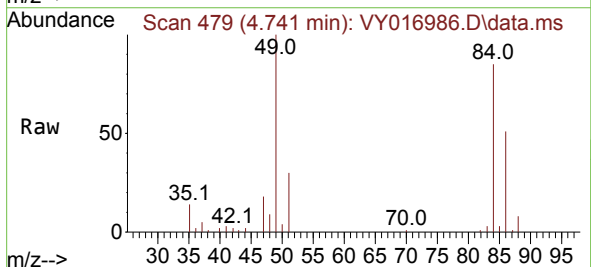
Instrument :
MSVOA_Y
ClientSampleId :

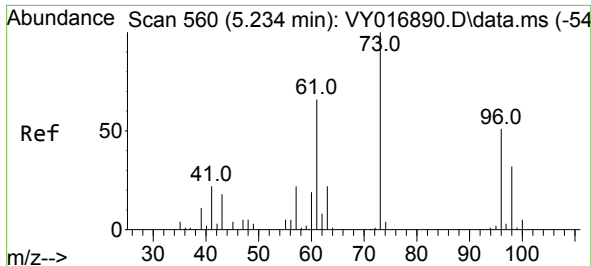
Tgt Ion: 73 Resp: 60429
Ion Ratio Lower Upper
73 100
57 23.6 17.7 26.5



#20
Methylene Chloride
Concen: 18.991 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

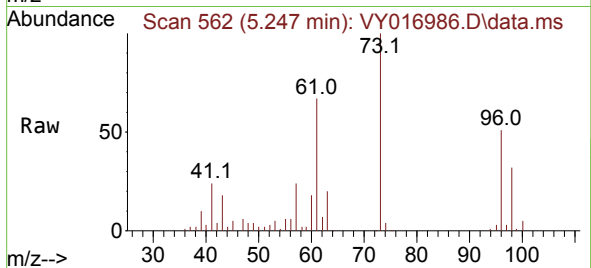
Tgt Ion: 84 Resp: 34232
Ion Ratio Lower Upper
84 100
49 117.5 95.2 142.8
51 35.6 29.9 44.9
86 60.0 52.2 78.4



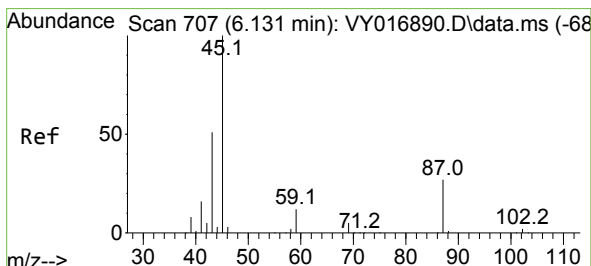
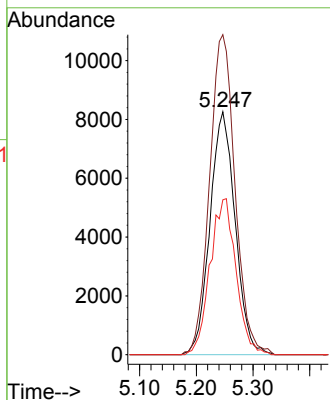
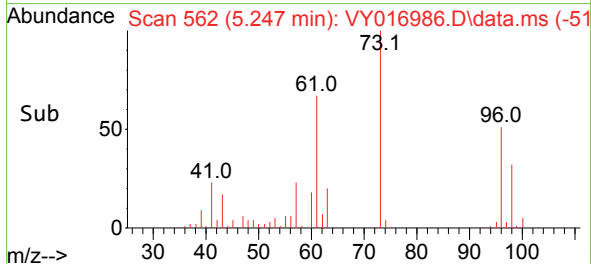


#21
trans-1,2-Dichloroethene
Concen: 20.855 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

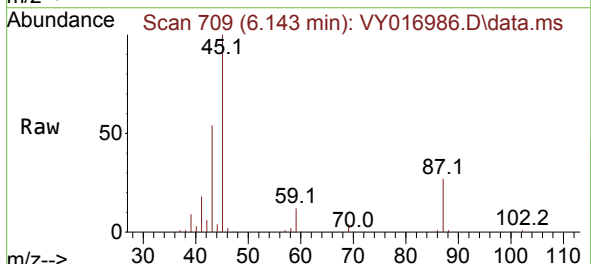
Instrument :
MSVOA_Y
ClientSampleId :



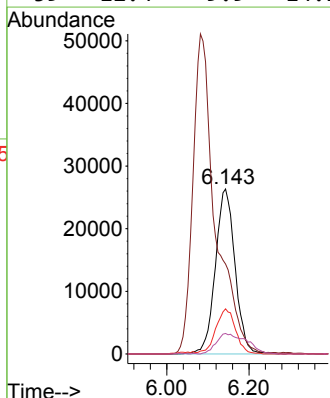
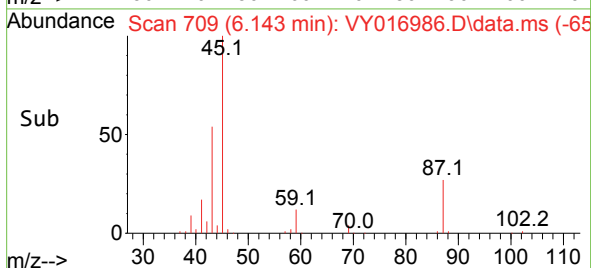
Tgt Ion: 96 Resp: 25521
Ion Ratio Lower Upper
96 100
61 131.8 104.6 156.8
98 63.8 50.9 76.3

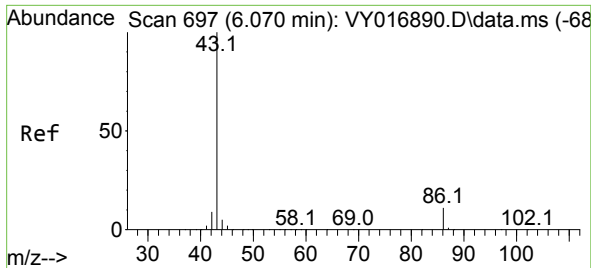


#22
Diisopropyl ether
Concen: 22.420 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26



Tgt Ion: 45 Resp: 87550
Ion Ratio Lower Upper
45 100
43 53.8 46.8 70.2
87 27.3 22.2 33.2
59 12.4 9.9 14.9

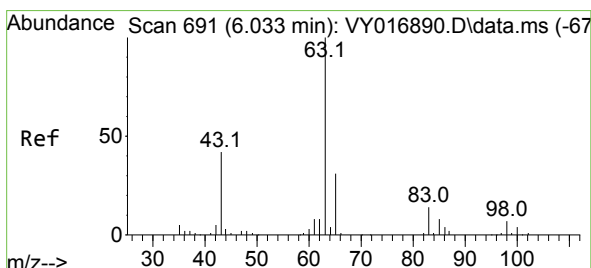
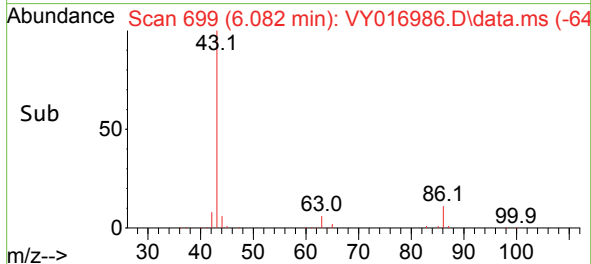
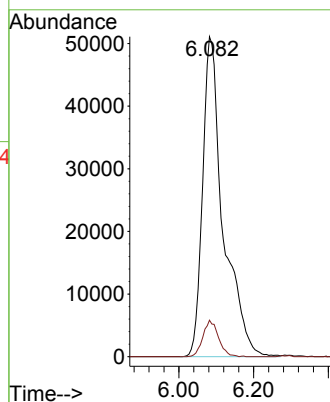
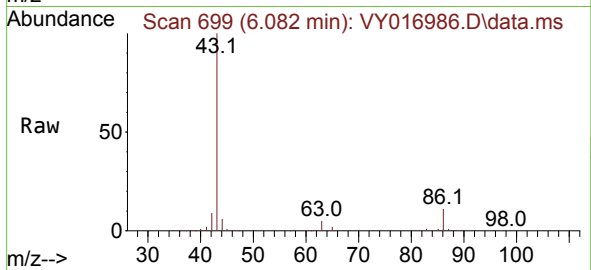




#23
 Vinyl Acetate
 Concen: 108.959 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016986.D
 Acq: 12 Jan 2024 12:26

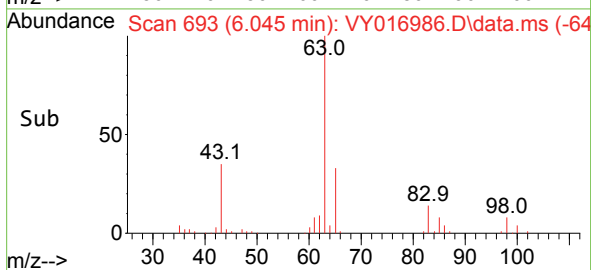
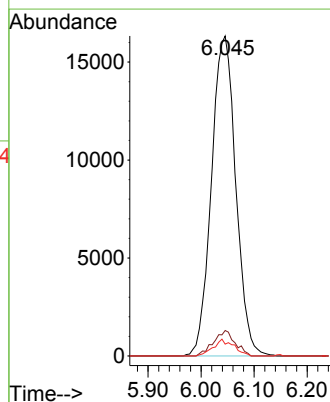
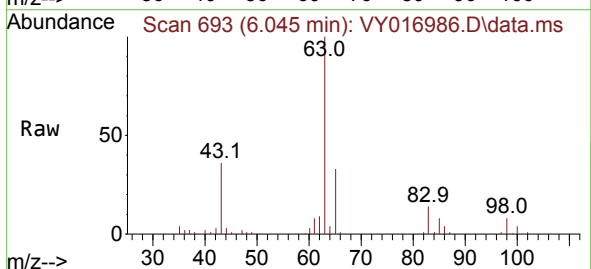
Instrument :
 MSVOA_Y
 ClientSampleId :

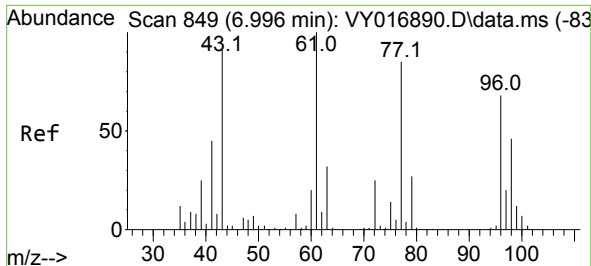
Tgt Ion: 43 Resp: 195099
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.176 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016986.D
 Acq: 12 Jan 2024 12:26

Tgt Ion: 63 Resp: 52040
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.4
 100 3.7 2.1 6.2





#25

2-Butanone

Concen: 113.781 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

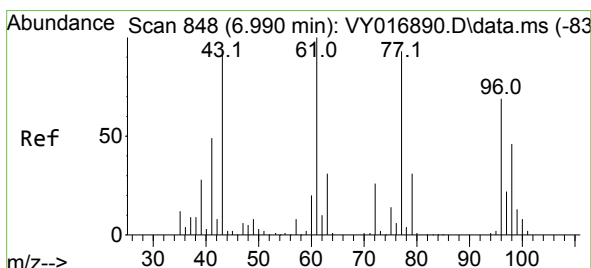
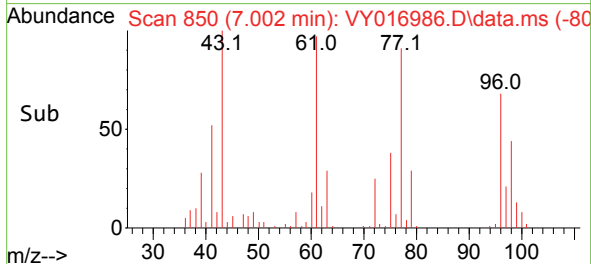
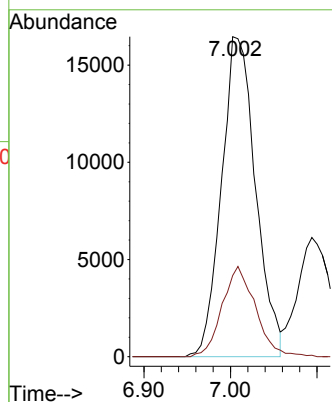
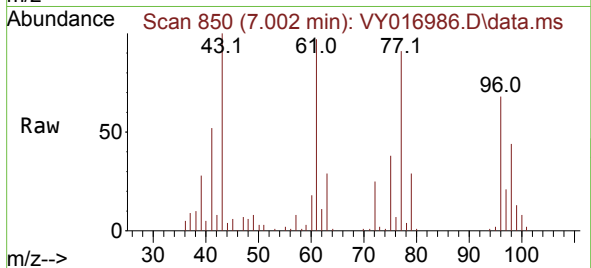
ClientSampleId :

Tgt Ion: 43 Resp: 45050

Ion Ratio Lower Upper

43 100

72 25.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.465 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016986.D

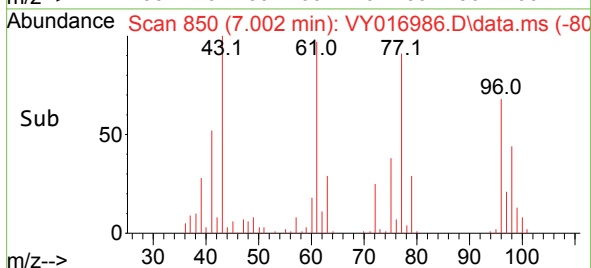
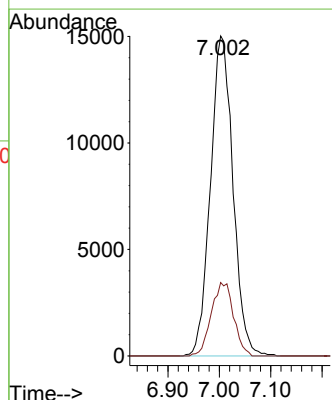
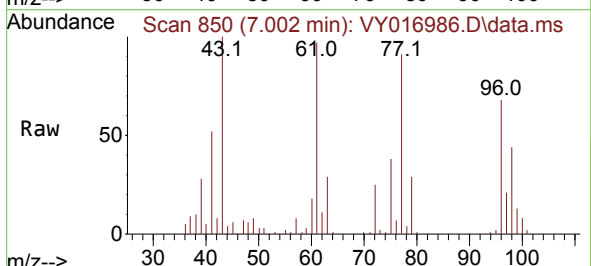
Acq: 12 Jan 2024 12:26

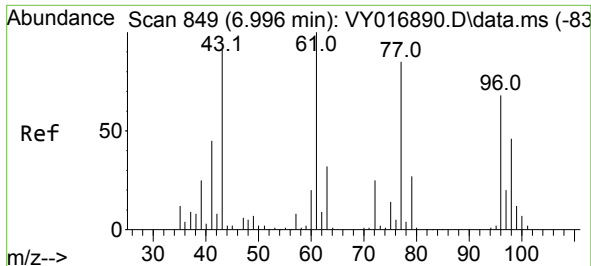
Tgt Ion: 77 Resp: 45709

Ion Ratio Lower Upper

77 100

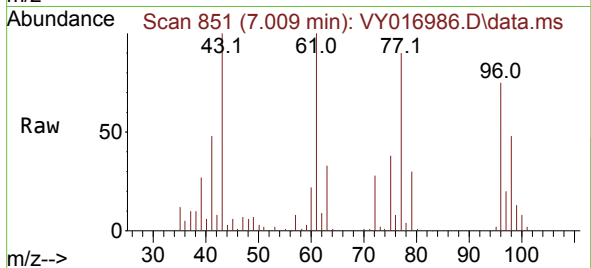
97 22.7 11.7 35.0



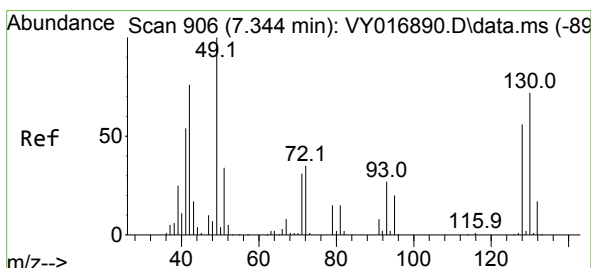
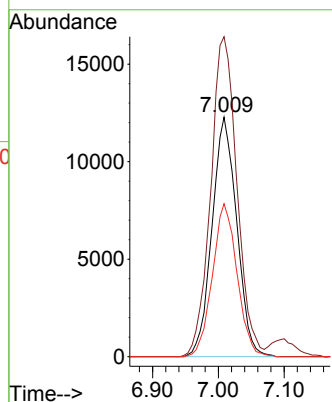
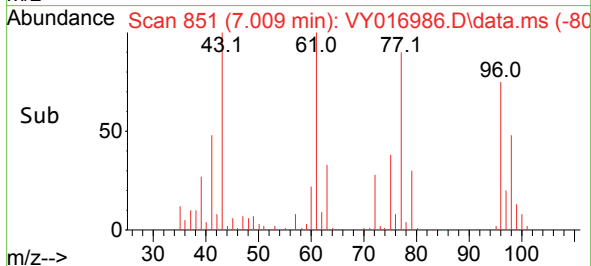


#27
cis-1,2-Dichloroethene
Concen: 22.396 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

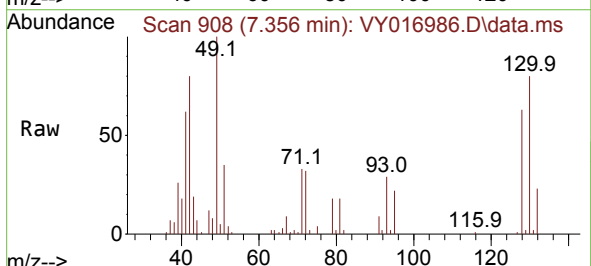
Instrument :
MSVOA_Y
ClientSampleId :



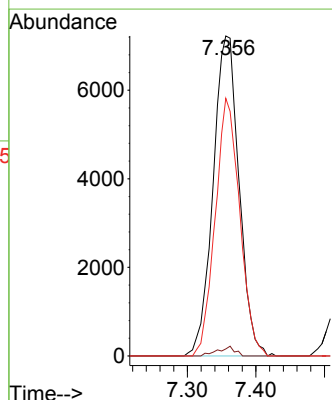
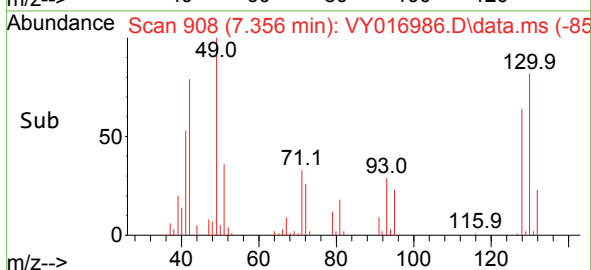
Tgt Ion: 96 Resp: 32127
Ion Ratio Lower Upper
96 100
61 141.8 0.0 278.8
98 63.8 0.0 127.0

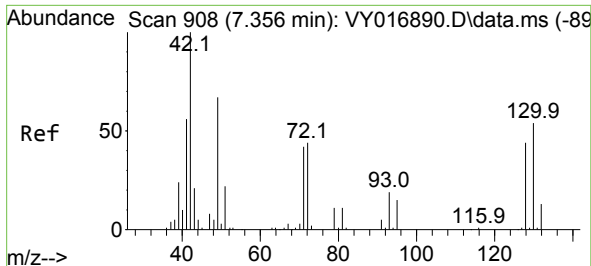


#28
Bromochloromethane
Concen: 21.544 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26



Tgt Ion: 49 Resp: 18980
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 76.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 96.549 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

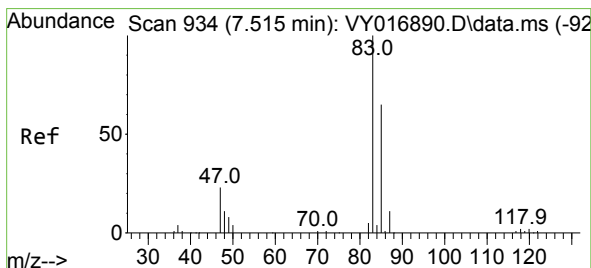
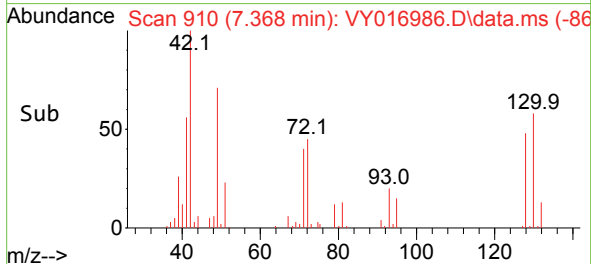
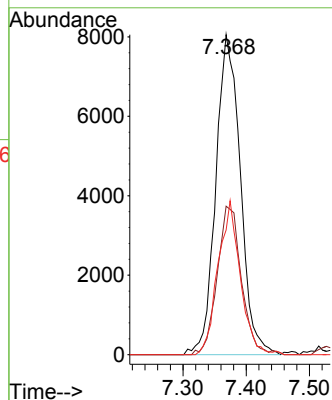
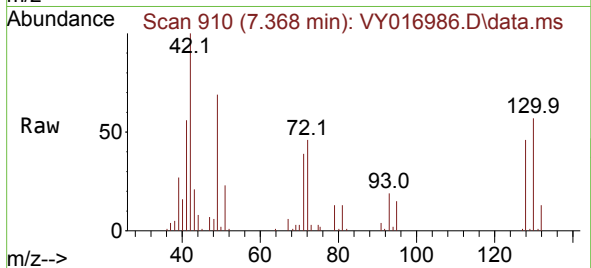
Tgt Ion: 42 Resp: 21666

Ion Ratio Lower Upper

42 100

72 45.8 36.6 54.8

71 43.7 33.8 50.6



#30

Chloroform

Concen: 22.529 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016986.D

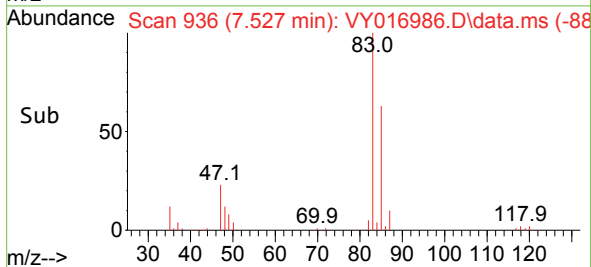
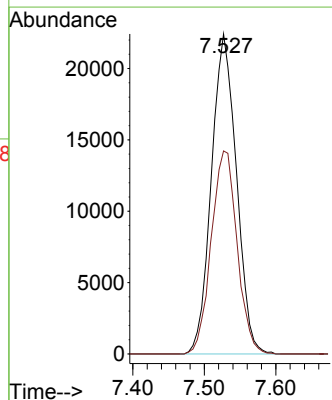
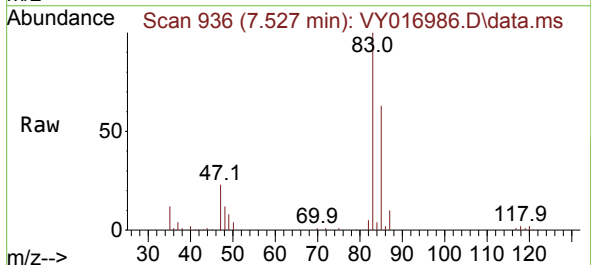
Acq: 12 Jan 2024 12:26

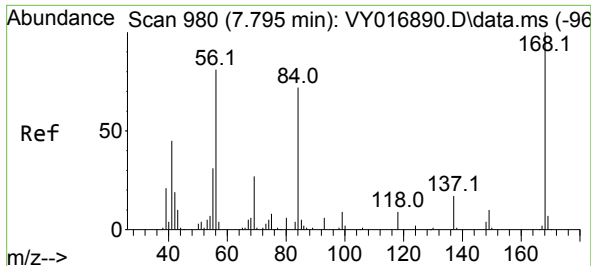
Tgt Ion: 83 Resp: 54481

Ion Ratio Lower Upper

83 100

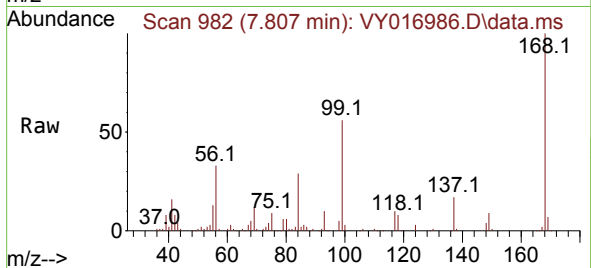
85 63.5 51.2 76.8



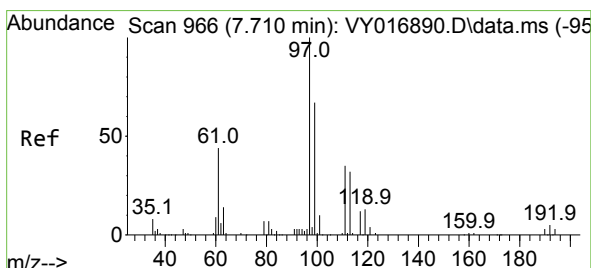
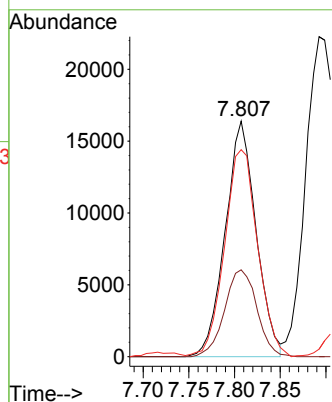
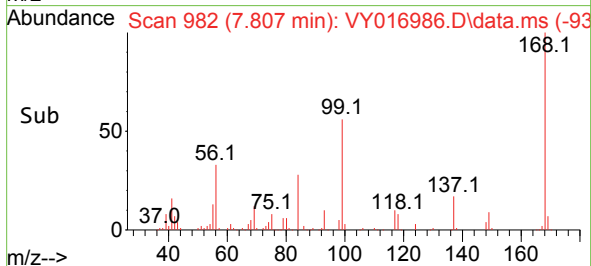


#31
Cyclohexane
Concen: 20.205 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

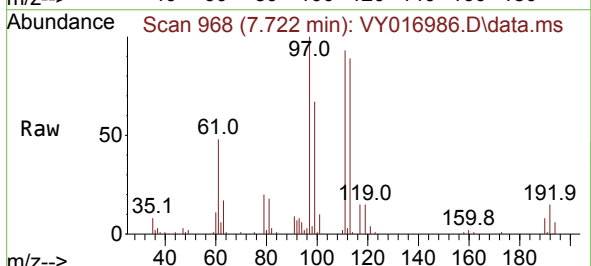
Instrument :
MSVOA_Y
ClientSampleId :



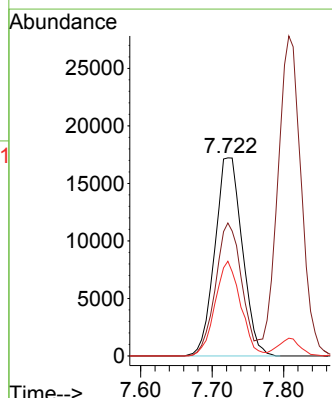
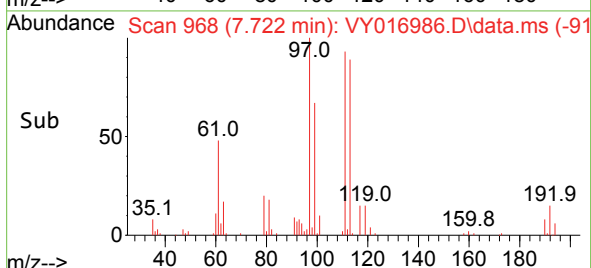
Tgt Ion: 56 Resp: 38449
Ion Ratio Lower Upper
56 100
69 36.9 27.0 40.6
84 86.9 71.8 107.6

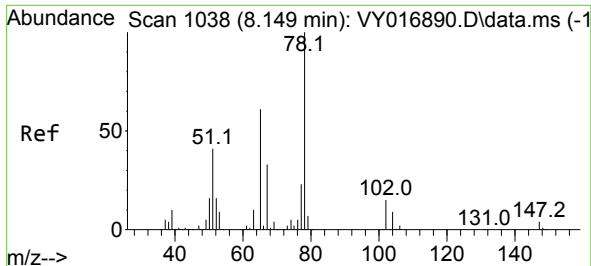


#32
1,1,1-Trichloroethane
Concen: 22.446 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26



Tgt Ion: 97 Resp: 46026
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 44.7 35.0 52.6

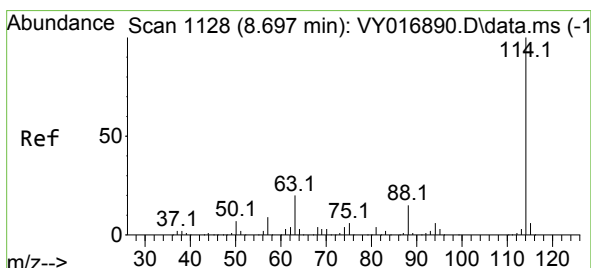
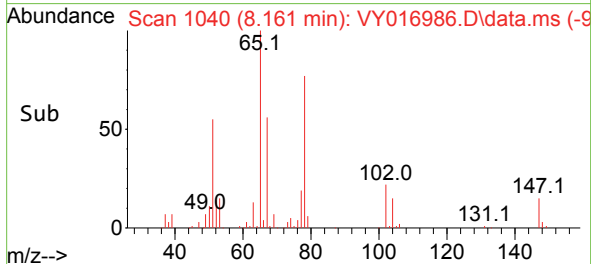
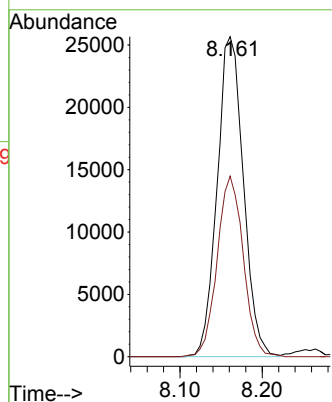
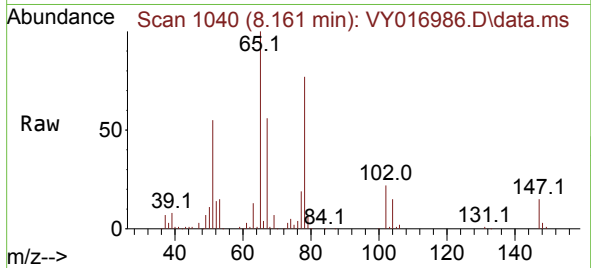




#33
 1,2-Dichloroethane-d4
 Concen: 51.473 ug/l
 RT: 8.161 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016986.D
 Acq: 12 Jan 2024 12:26

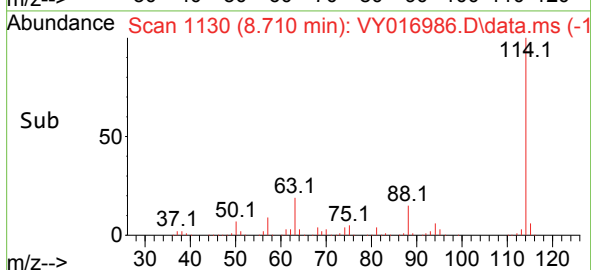
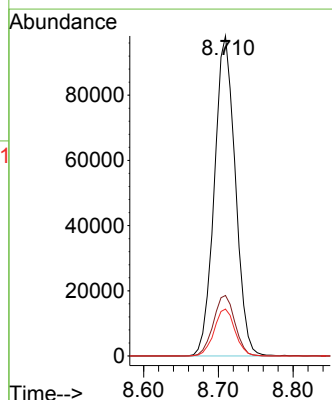
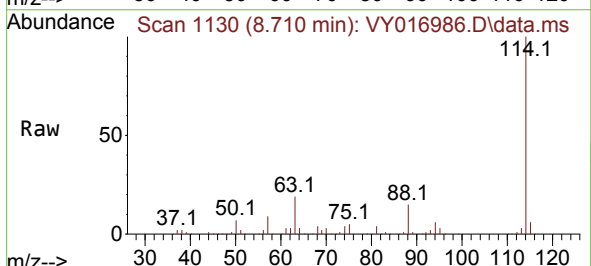
Instrument :
 MSVOA_Y
 ClientSampleId :

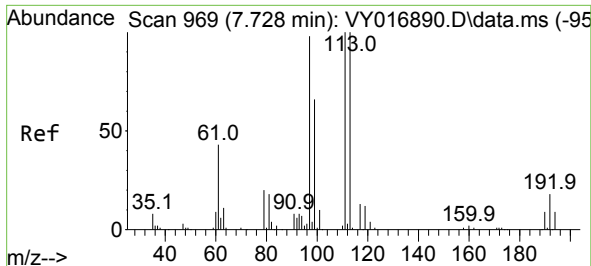
Tgt Ion: 65 Resp: 57070
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.007 min
 Lab File: VY016986.D
 Acq: 12 Jan 2024 12:26

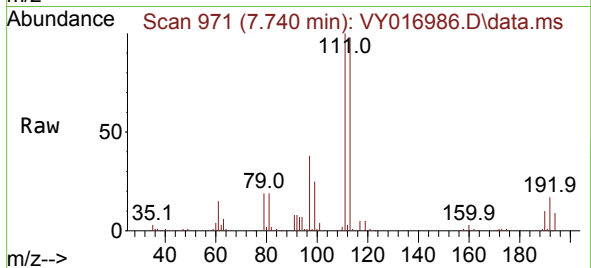
Tgt Ion: 114 Resp: 190855
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.4
 88 14.6 0.0 29.0



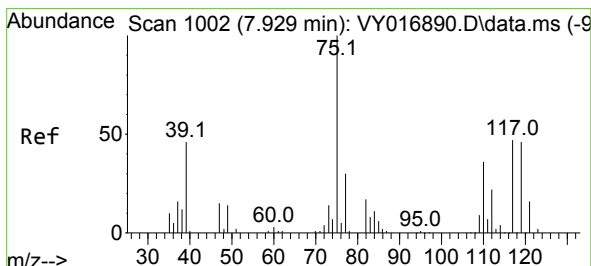
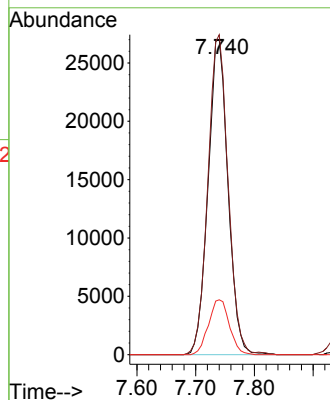
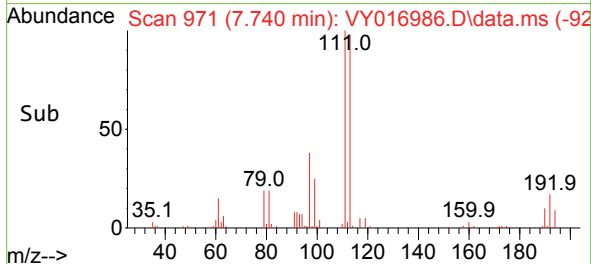


#35
Dibromofluoromethane
Concen: 52.435 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :

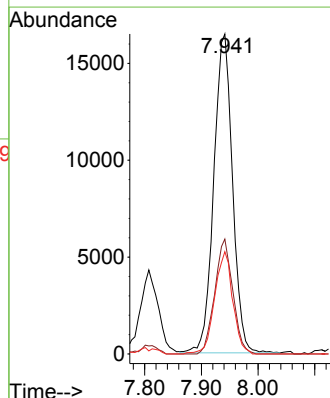
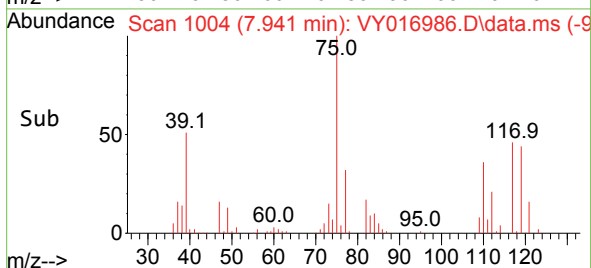
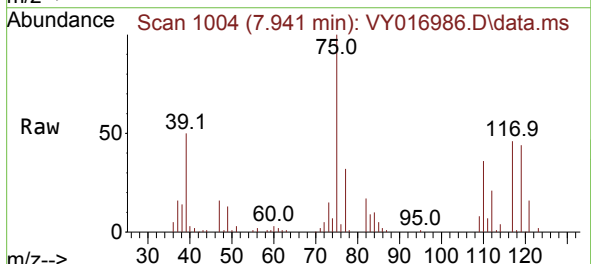


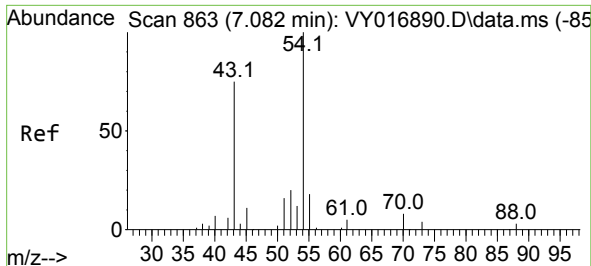
Tgt Ion:113 Resp: 63771
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 21.330 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 75 Resp: 37806
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 21.036 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.006 min

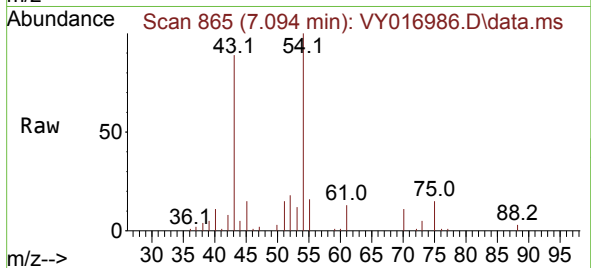
Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :



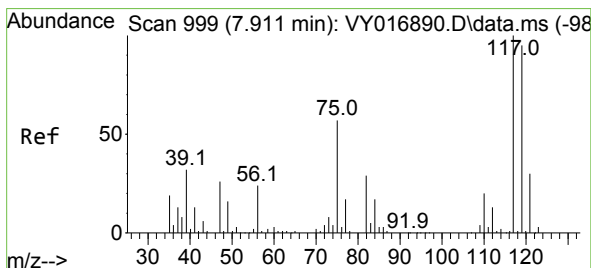
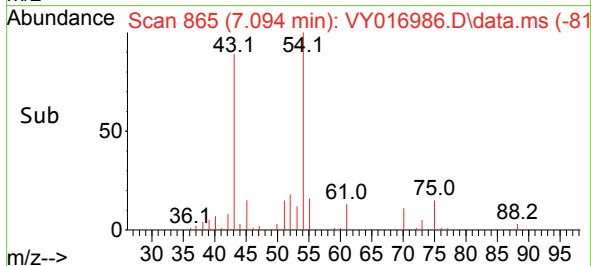
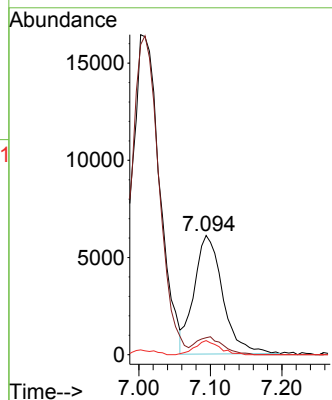
Tgt Ion: 43 Resp: 16944

Ion Ratio Lower Upper

43 100

61 14.1 11.0 16.6

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.876 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

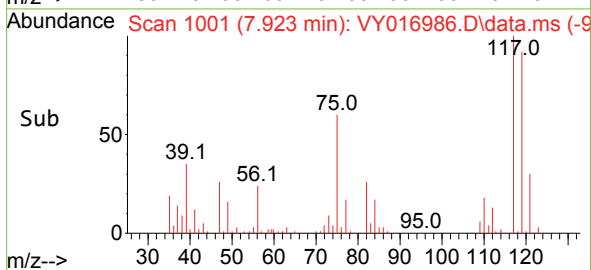
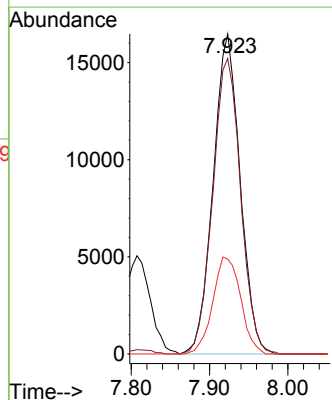
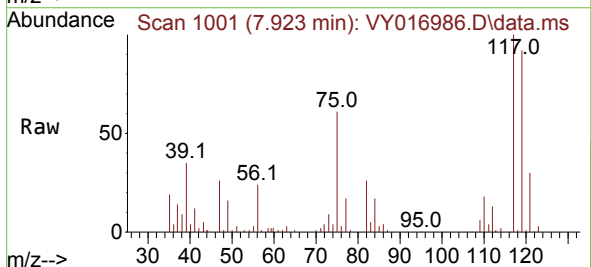
Tgt Ion: 117 Resp: 39394

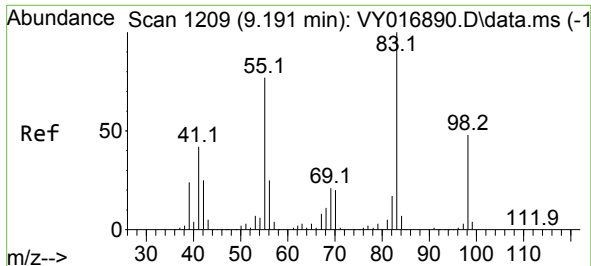
Ion Ratio Lower Upper

117 100

119 92.3 76.0 114.0

121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 20.292 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

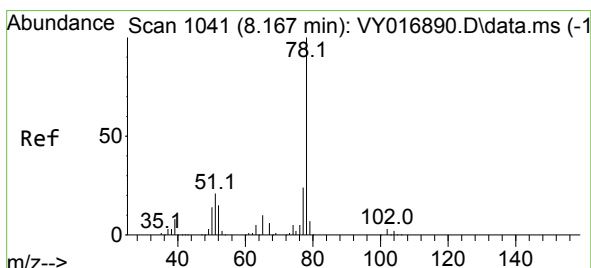
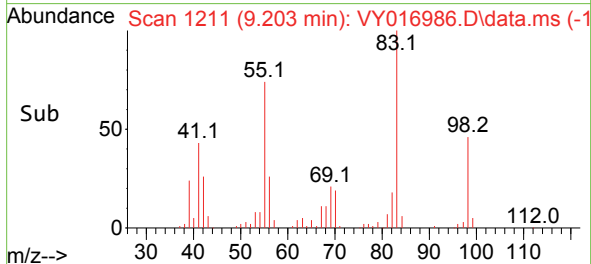
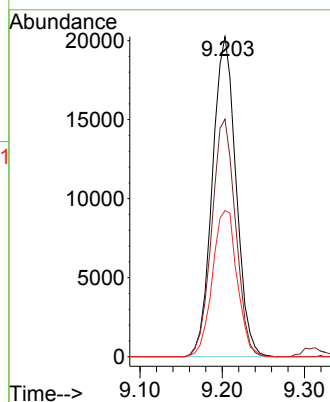
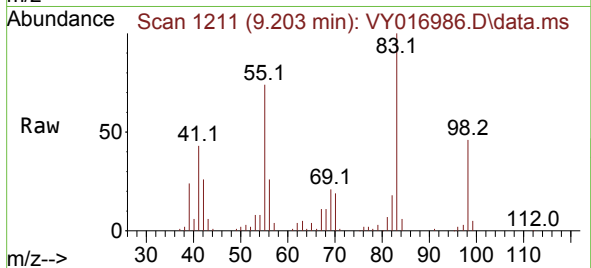
Tgt Ion: 83 Resp: 40432

Ion Ratio Lower Upper

83 100

55 74.2 59.7 89.5

98 45.6 38.0 57.0



#40

Benzene

Concen: 21.023 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016986.D

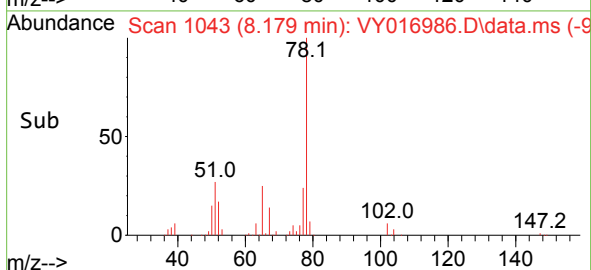
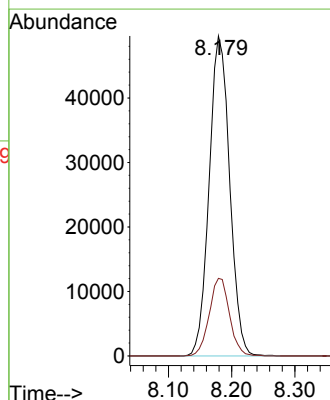
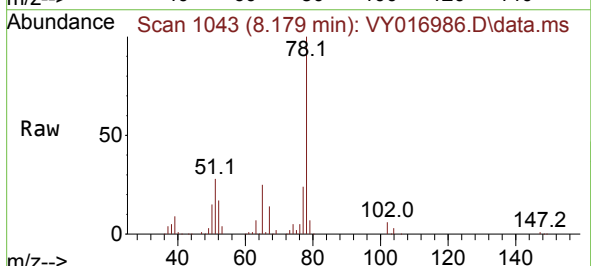
Acq: 12 Jan 2024 12:26

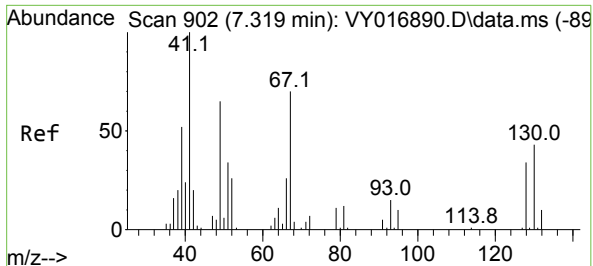
Tgt Ion: 78 Resp: 111780

Ion Ratio Lower Upper

78 100

77 24.3 18.8 28.2



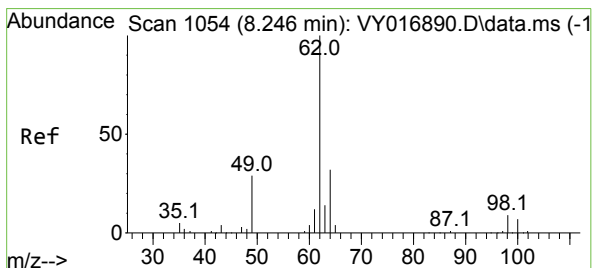
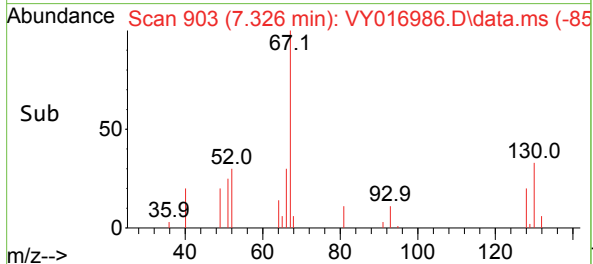
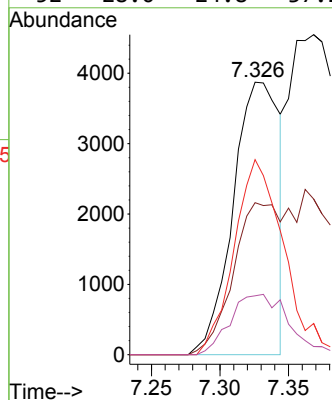
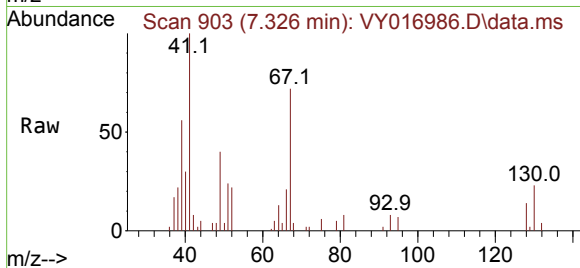


#41
Methacrylonitrile
Concen: 21.428 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 9090

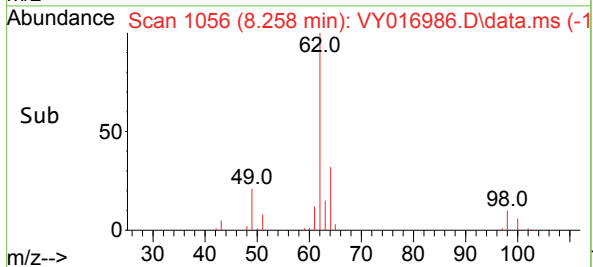
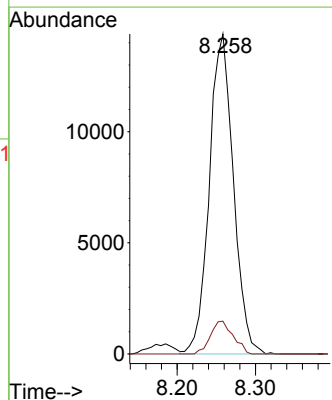
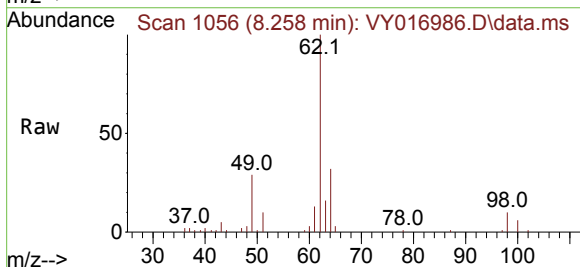
Ion	Ratio	Lower	Upper
41	100		
39	55.9	41.9	62.9
67	77.0	59.8	89.6
52	28.0	24.8	37.2

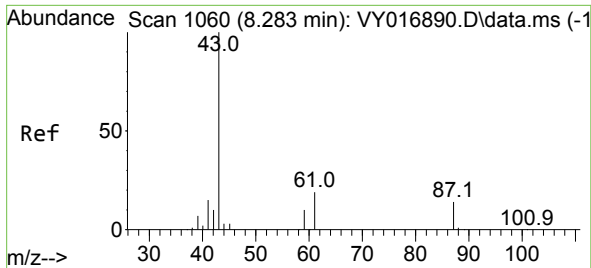


#42
1,2-Dichloroethane
Concen: 21.757 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 62 Resp: 30710

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2

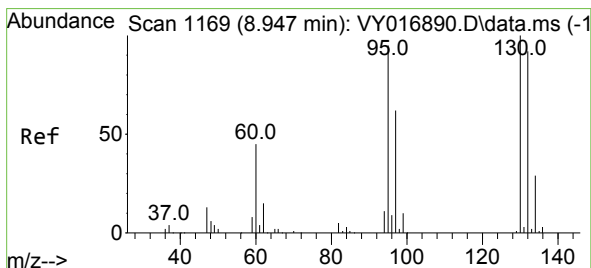
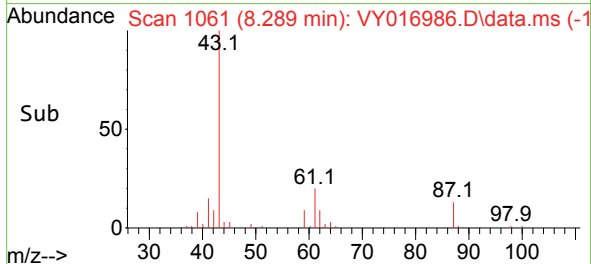
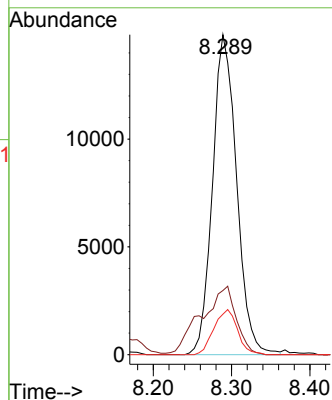
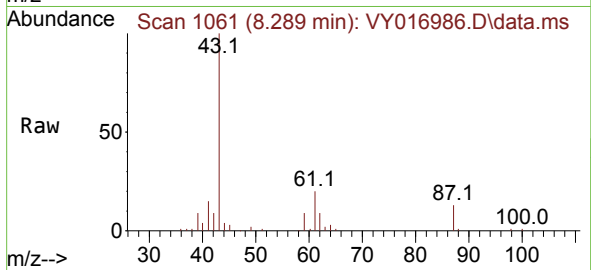




#43
Isopropyl Acetate
Concen: 20.580 ug/l
RT: 8.289 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

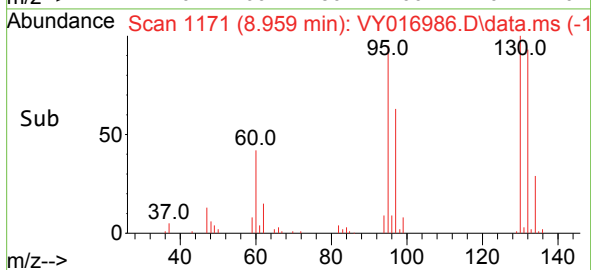
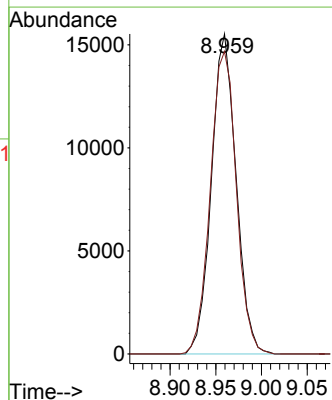
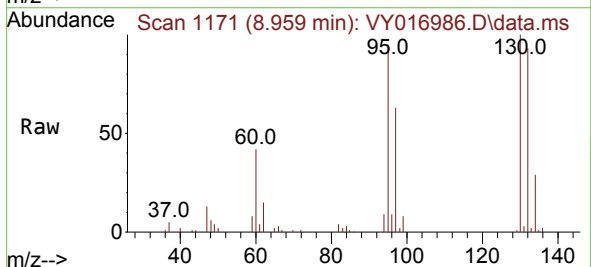
Instrument :
MSVOA_Y
ClientSampleId :

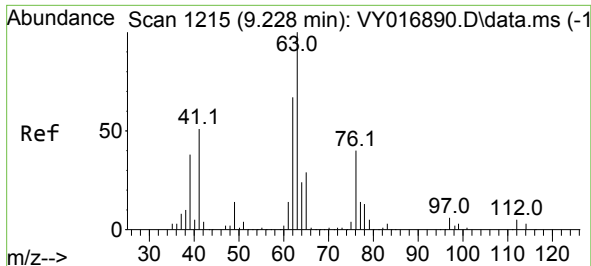
Tgt Ion: 43 Resp: 31743
Ion Ratio Lower Upper
43 100
61 31.0 24.8 37.2
87 13.8 10.7 16.1



#44
Trichloroethene
Concen: 21.563 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion:130 Resp: 29174
Ion Ratio Lower Upper
130 100
95 94.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.920 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

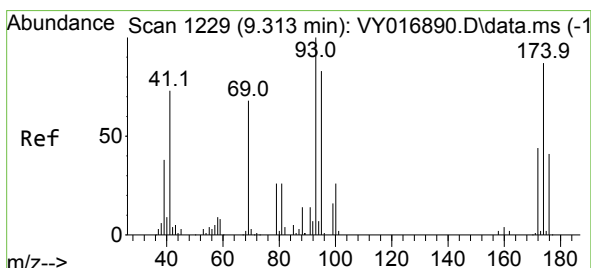
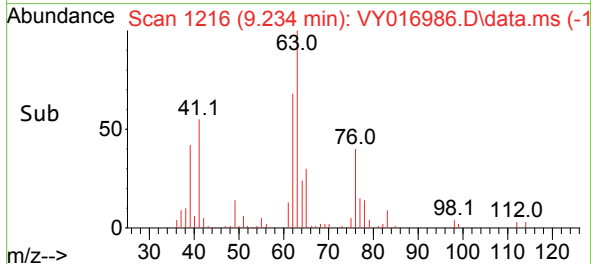
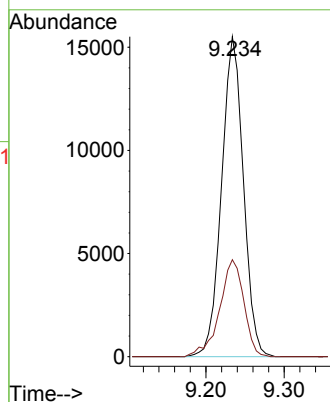
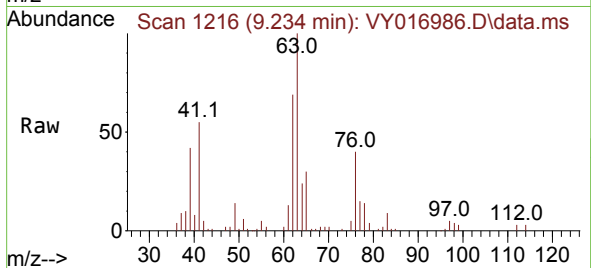
ClientSampleId :

Tgt Ion: 63 Resp: 30026

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#46

Dibromomethane

Concen: 20.836 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

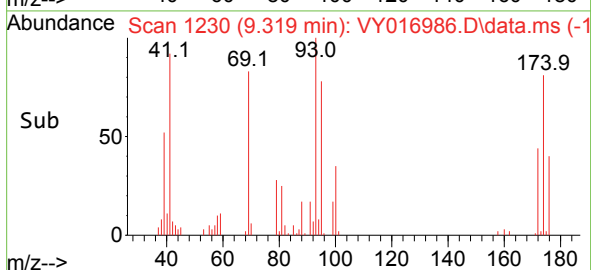
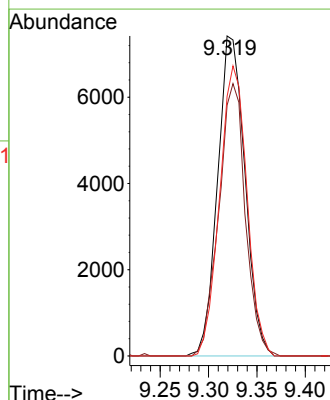
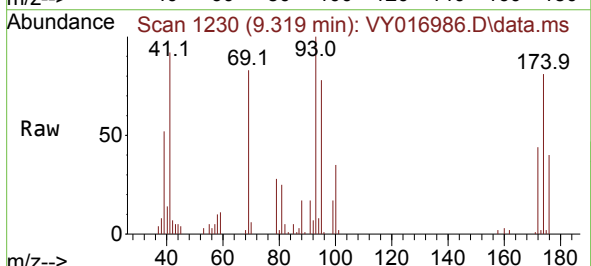
Tgt Ion: 93 Resp: 14556

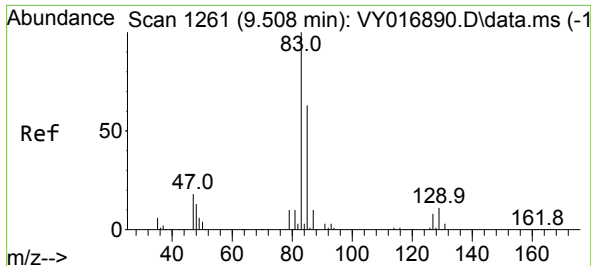
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

174 90.6 73.8 110.6

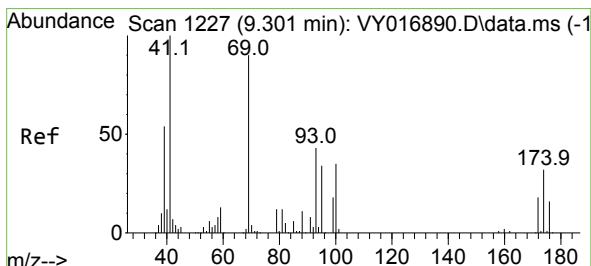
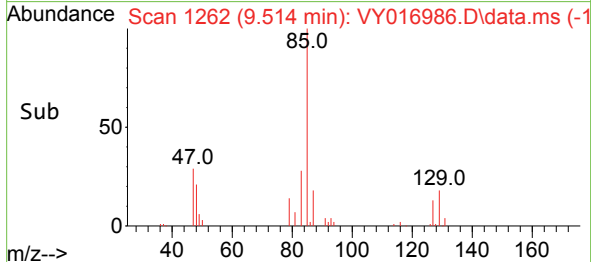
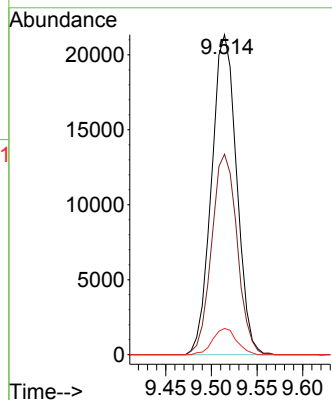
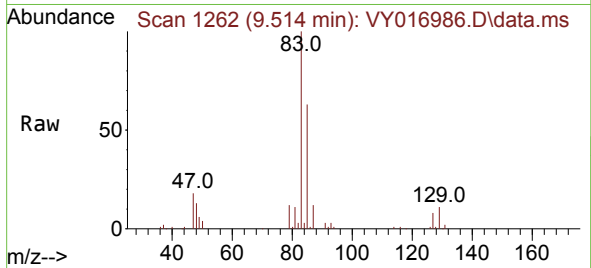




#47
Bromodichloromethane
Concen: 21.720 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

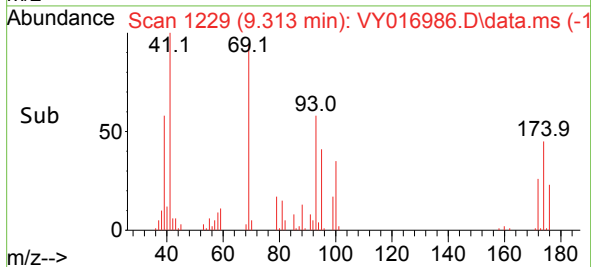
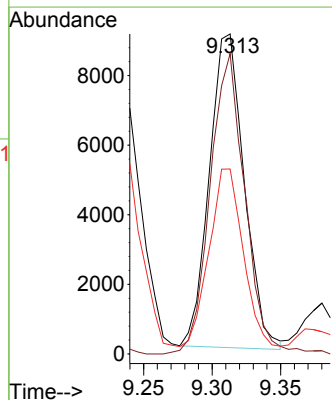
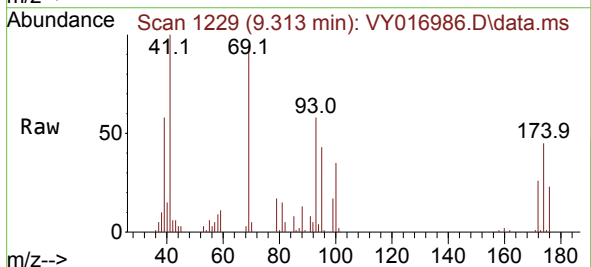
Instrument :
MSVOA_Y
ClientSampleId :

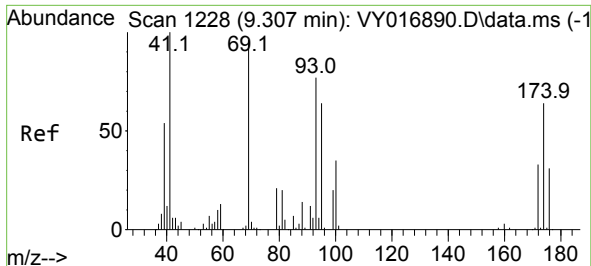
Tgt Ion: 83 Resp: 40745
Ion Ratio Lower Upper
83 100
85 62.7 53.2 79.8
127 8.2 6.4 9.6



#48
Methyl methacrylate
Concen: 19.144 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 41 Resp: 15936
Ion Ratio Lower Upper
41 100
69 95.6 72.1 108.1
39 60.6 42.8 64.2





#49

1,4-Dioxane

Concen: 427.742 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

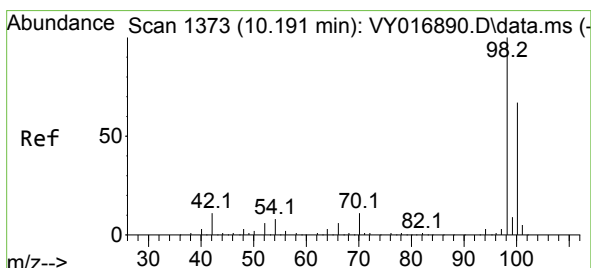
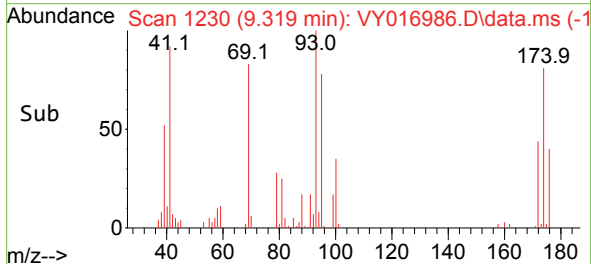
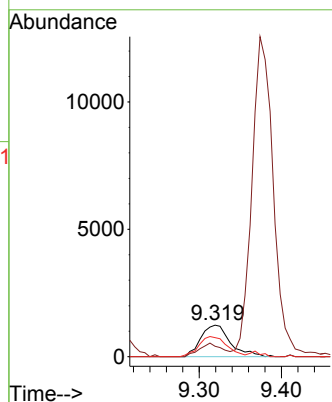
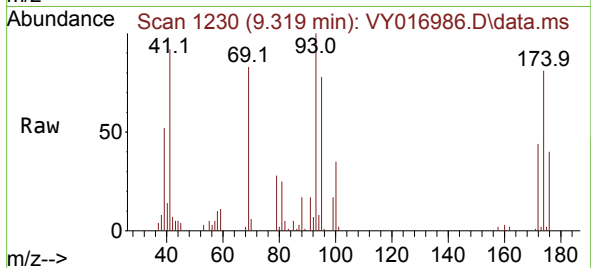
Tgt Ion: 88 Resp: 3094

Ion Ratio Lower Upper

88 100

43 33.0 28.2 42.4

58 60.9 52.2 78.2



#50

Toluene-d8

Concen: 53.450 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016986.D

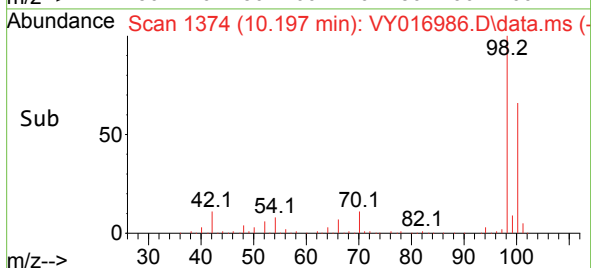
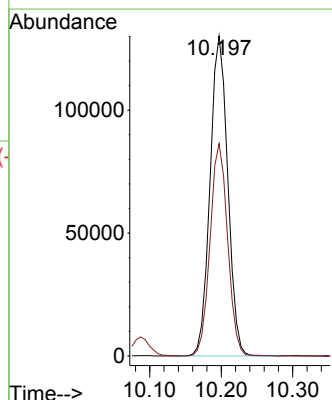
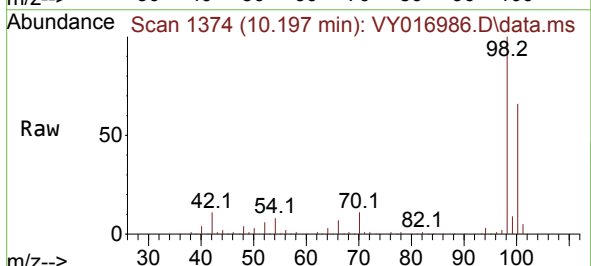
Acq: 12 Jan 2024 12:26

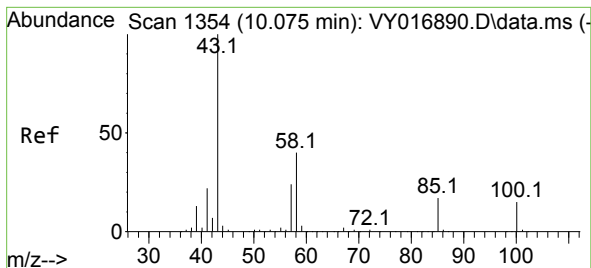
Tgt Ion: 98 Resp: 223849

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 101.132 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

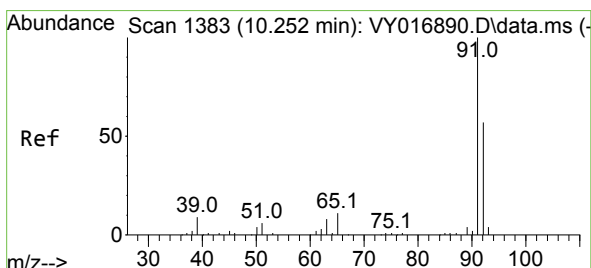
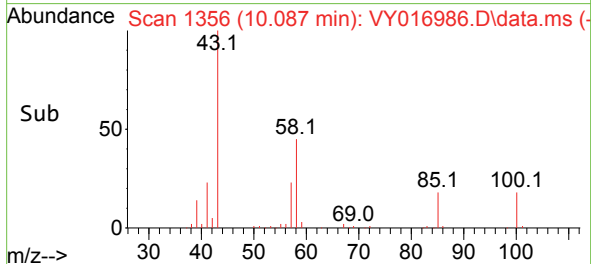
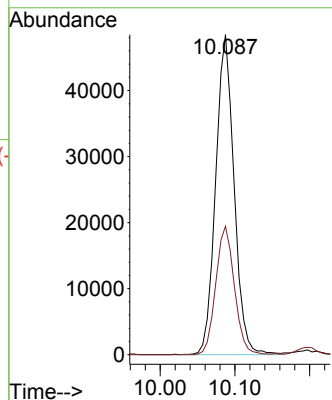
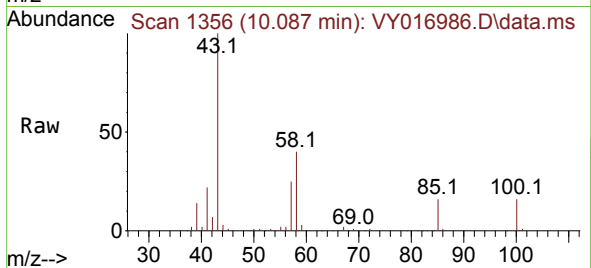
ClientSampleId :

Tgt Ion: 43 Resp: 82959

Ion Ratio Lower Upper

43 100

58 40.7 32.2 48.2



#52

Toluene

Concen: 21.635 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016986.D

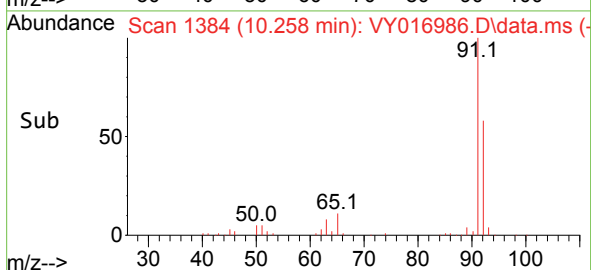
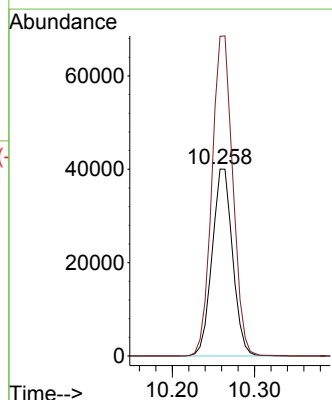
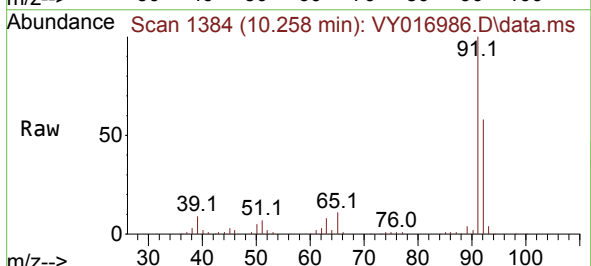
Acq: 12 Jan 2024 12:26

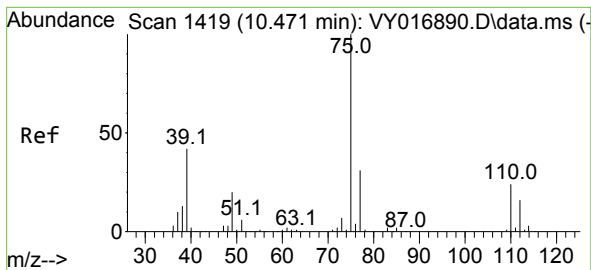
Tgt Ion: 92 Resp: 69421

Ion Ratio Lower Upper

92 100

91 174.8 137.6 206.4

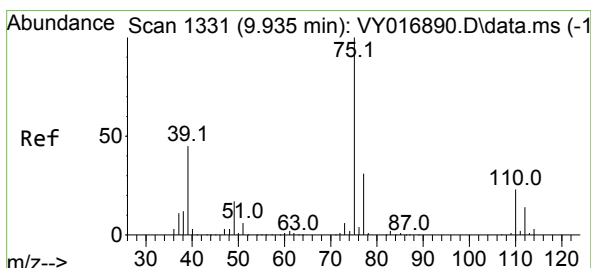
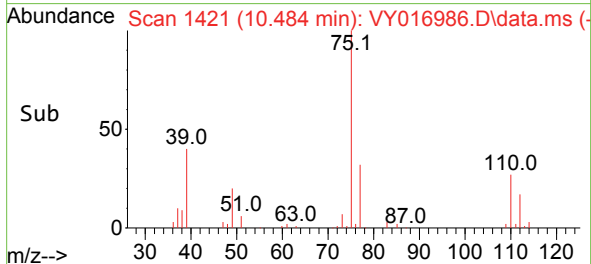
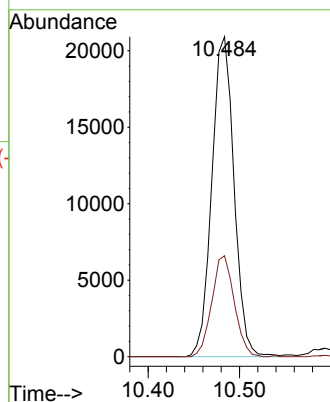
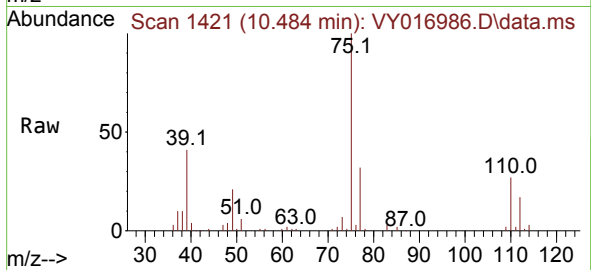




#53
 t-1,3-Dichloropropene
 Concen: 20.995 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.013 min
 Lab File: VY016986.D
 Acq: 12 Jan 2024 12:26

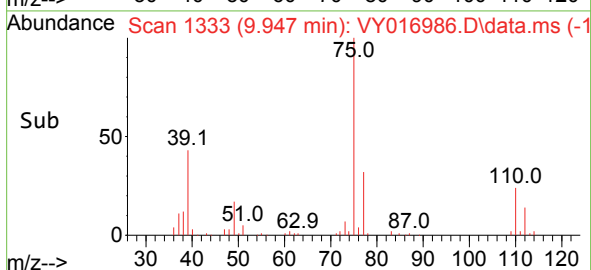
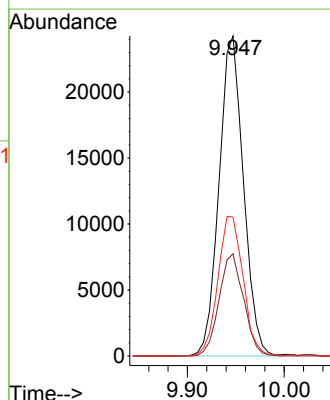
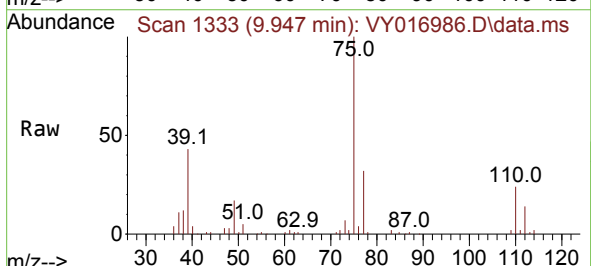
Instrument :
 MSVOA_Y
 ClientSampleId :

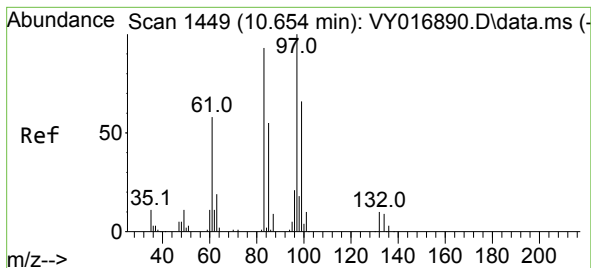
Tgt Ion: 75 Resp: 35278
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.046 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016986.D
 Acq: 12 Jan 2024 12:26

Tgt Ion: 75 Resp: 42470
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 36.8
 39 43.4 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.170 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 21606

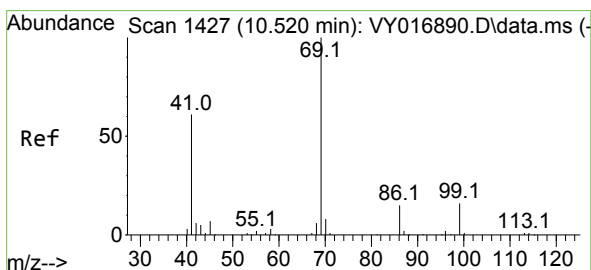
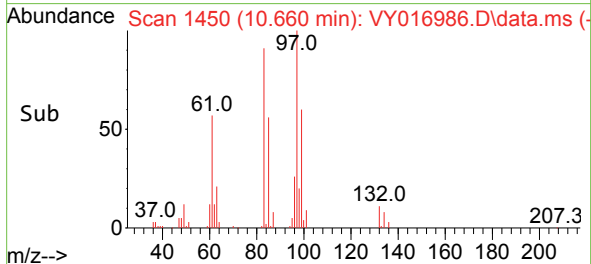
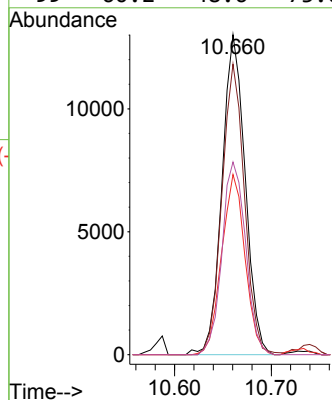
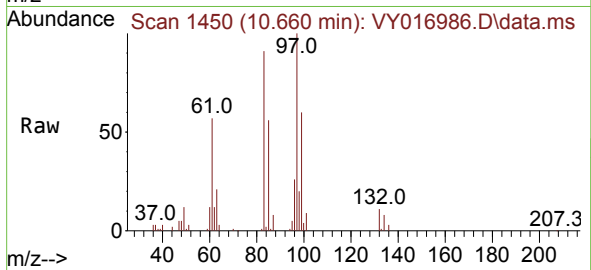
Ion Ratio Lower Upper

97 100

83 90.8 69.4 104.2

85 56.3 43.9 65.9

99 60.2 48.6 73.0



#56

Ethyl methacrylate

Concen: 20.611 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

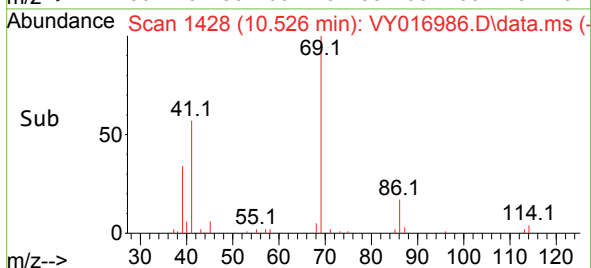
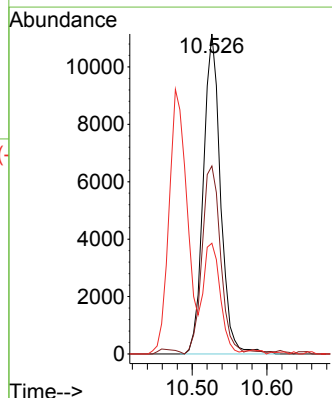
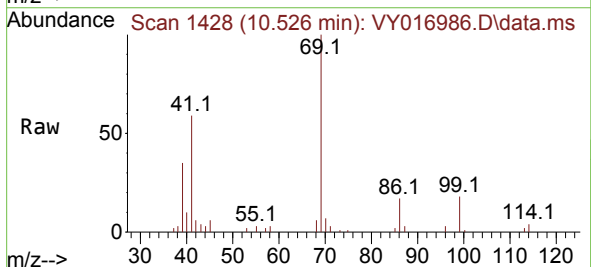
Tgt Ion: 69 Resp: 17817

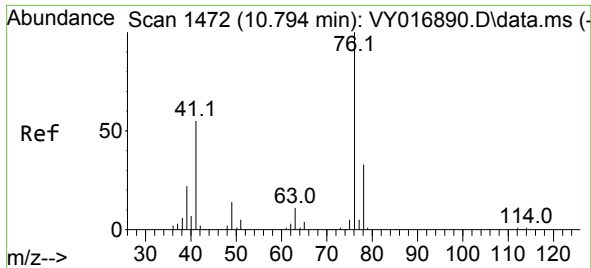
Ion Ratio Lower Upper

69 100

41 64.1 49.2 73.8

39 32.4 26.8 40.2

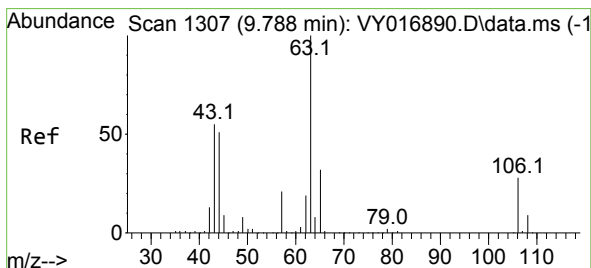
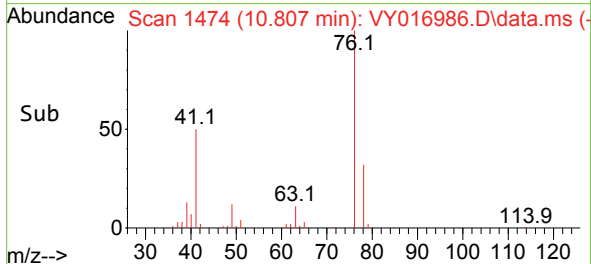
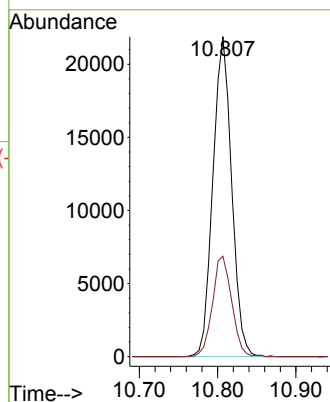
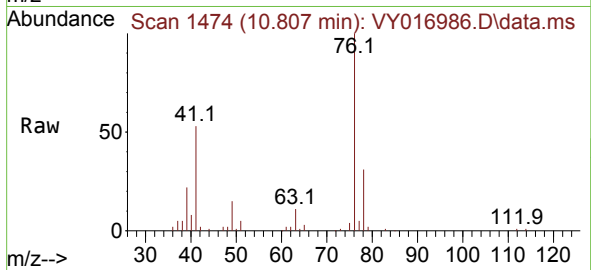




#57
1,3-Dichloropropane
Concen: 21.321 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

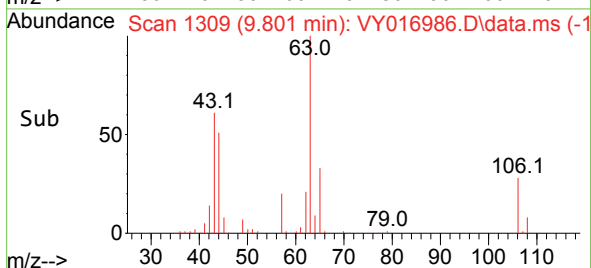
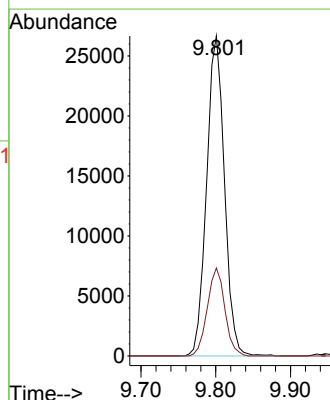
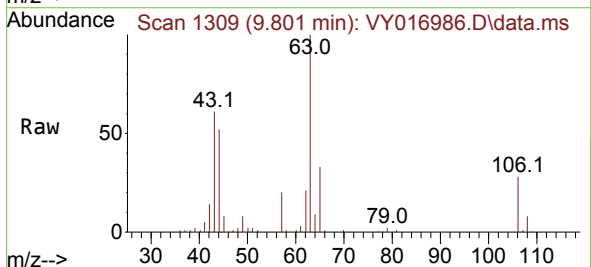
Instrument :
MSVOA_Y
ClientSampleId :

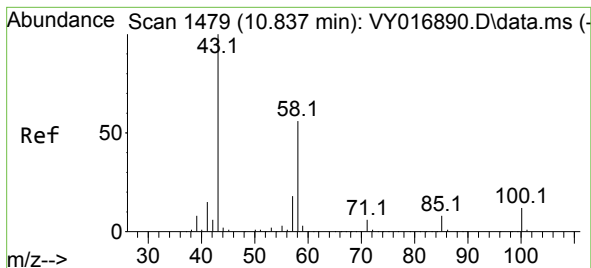
Tgt Ion: 76 Resp: 36330
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 93.038 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 63 Resp: 44207
Ion Ratio Lower Upper
63 100
106 27.0 22.4 33.6

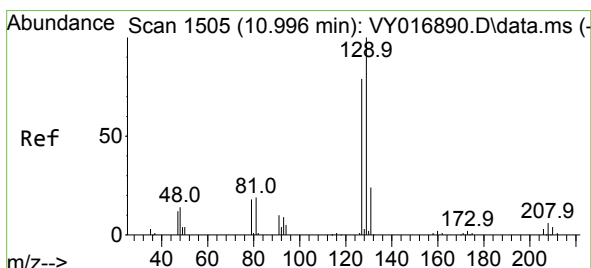
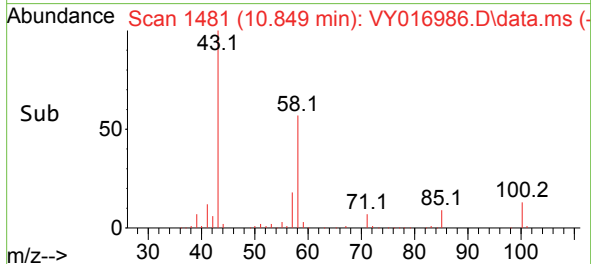
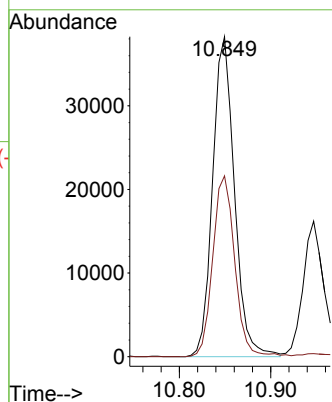
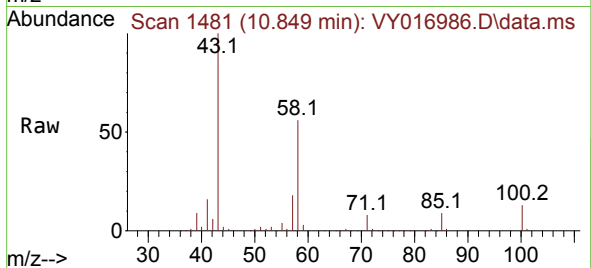




#59
2-Hexanone
Concen: 104.934 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

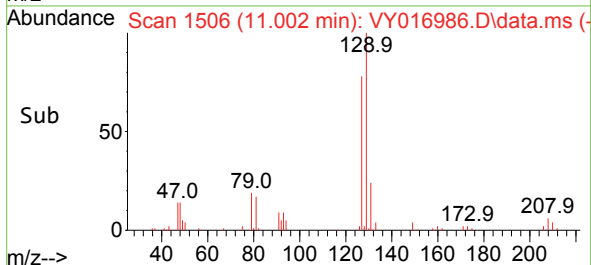
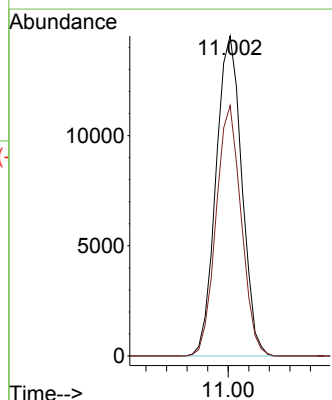
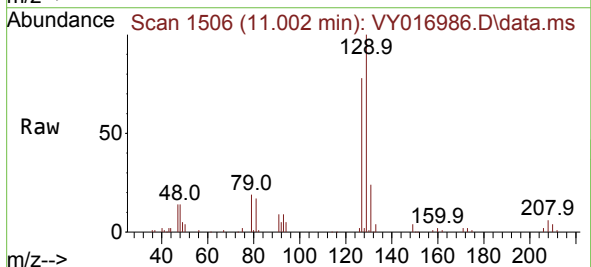
Instrument :
MSVOA_Y
ClientSampleId :

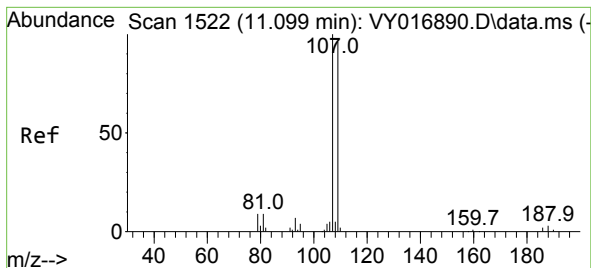
Tgt Ion: 43 Resp: 63382
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.3



#60
Dibromochloromethane
Concen: 21.524 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 129 Resp: 25333
Ion Ratio Lower Upper
129 100
127 76.0 39.2 117.6





#61

1,2-Dibromoethane

Concen: 20.545 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

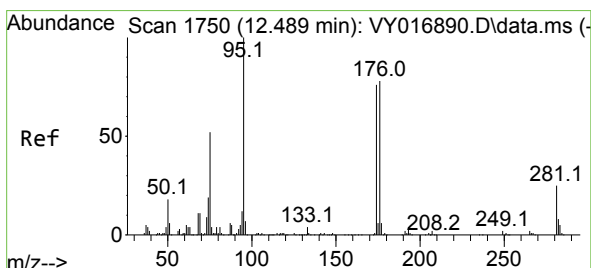
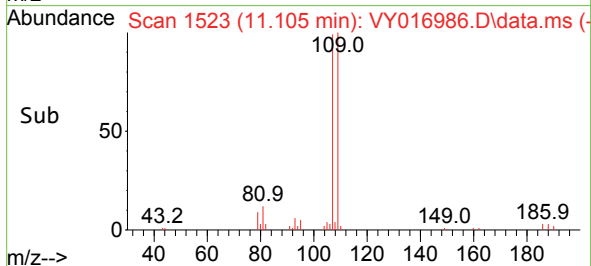
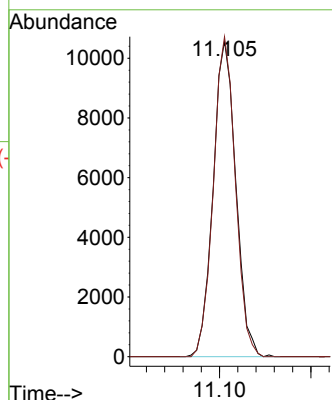
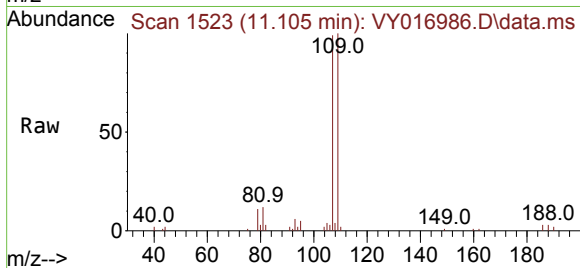
ClientSampleId :

Tgt Ion:107 Resp: 18218

Ion Ratio Lower Upper

107 100

109 98.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 52.534 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

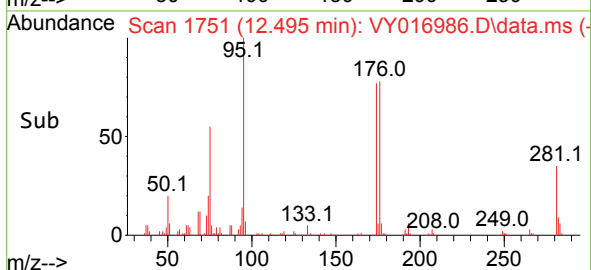
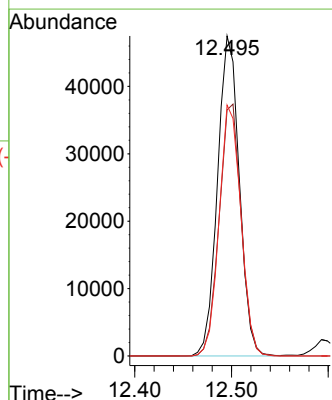
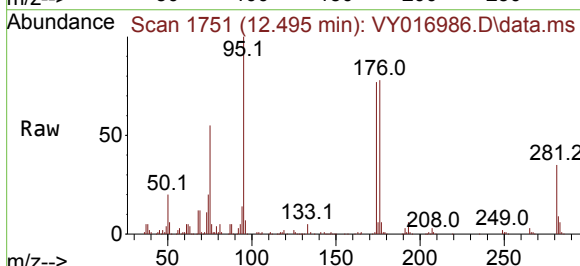
Tgt Ion: 95 Resp: 74229

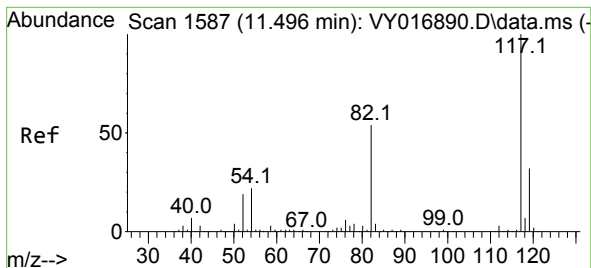
Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.0

176 78.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

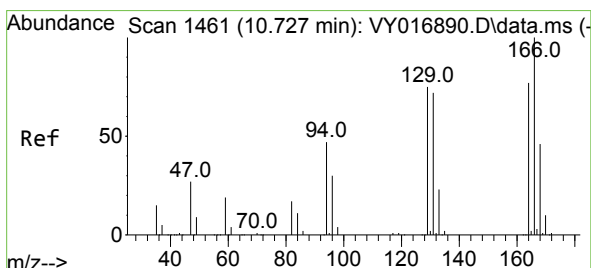
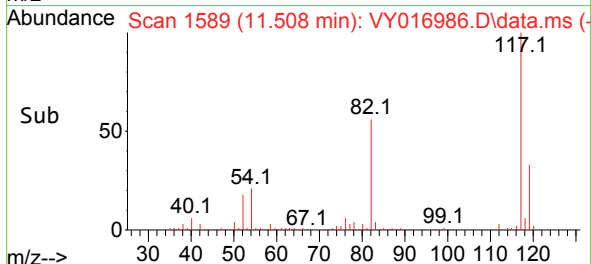
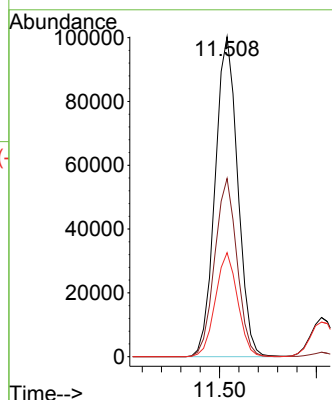
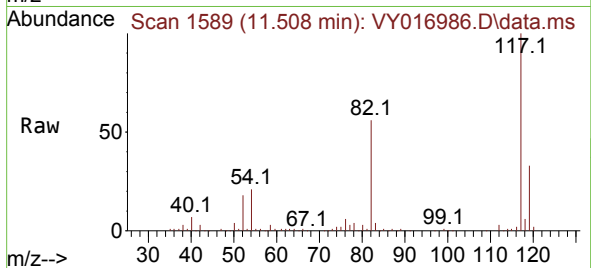
Tgt Ion:117 Resp: 162698

Ion Ratio Lower Upper

117 100

82 55.7 43.8 65.8

119 32.5 26.5 39.7



#64

Tetrachloroethene

Concen: 22.108 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion:164 Resp: 23319

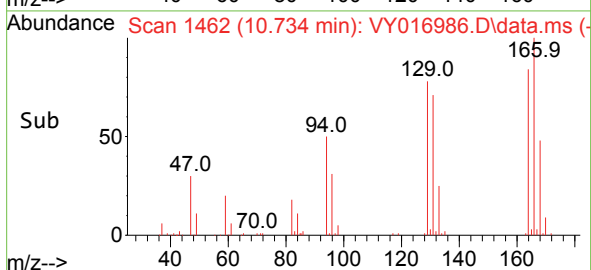
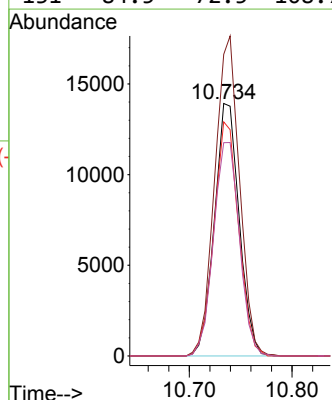
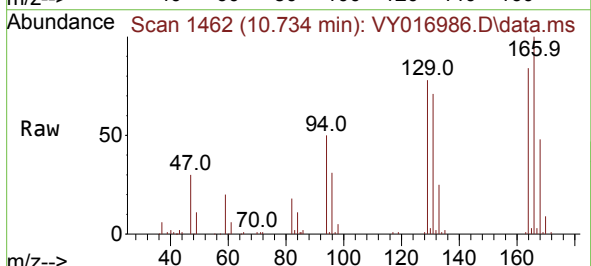
Ion Ratio Lower Upper

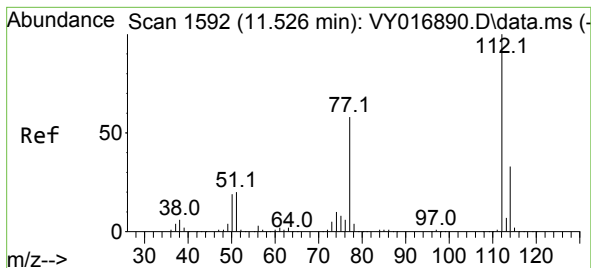
164 100

166 119.5 98.8 148.2

129 92.7 78.9 118.3

131 84.5 72.5 108.7





#65

Chlorobenzene

Concen: 21.968 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

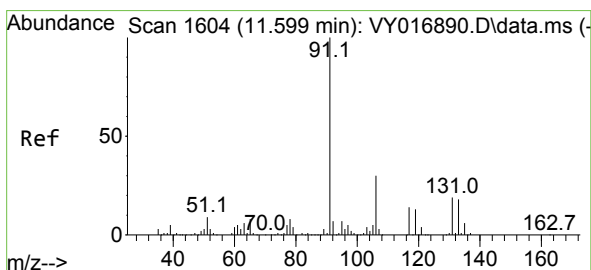
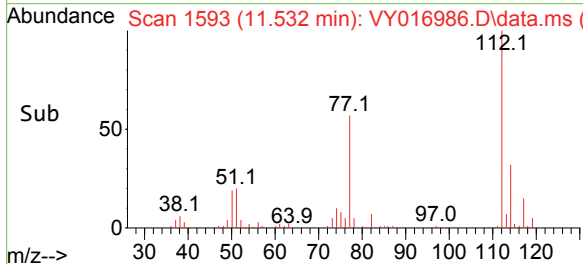
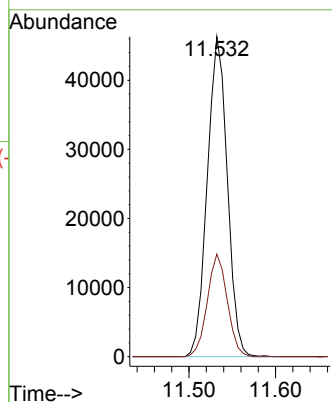
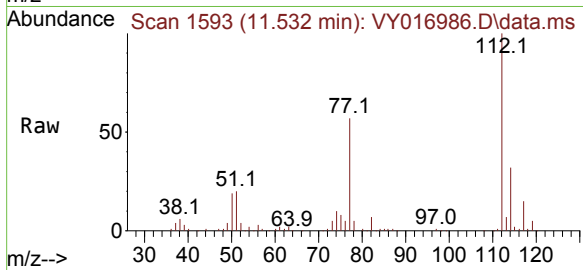
ClientSampleId :

Tgt Ion:112 Resp: 74457

Ion Ratio Lower Upper

112 100

114 32.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 22.040 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

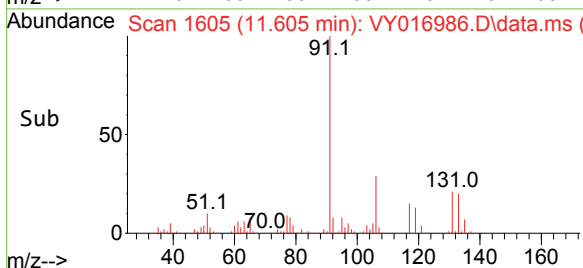
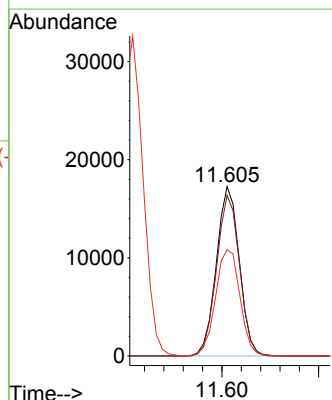
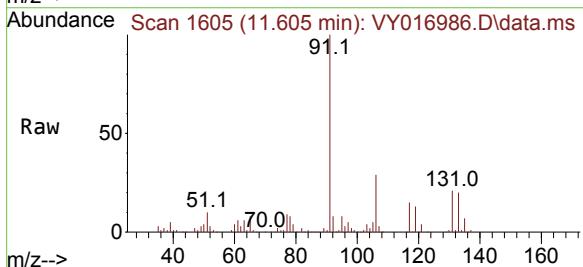
Tgt Ion:131 Resp: 28397

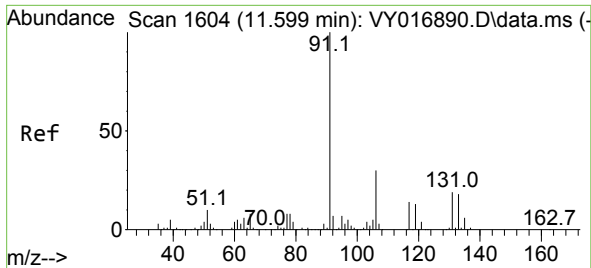
Ion Ratio Lower Upper

131 100

133 95.0 47.0 141.0

119 66.8 33.3 99.9

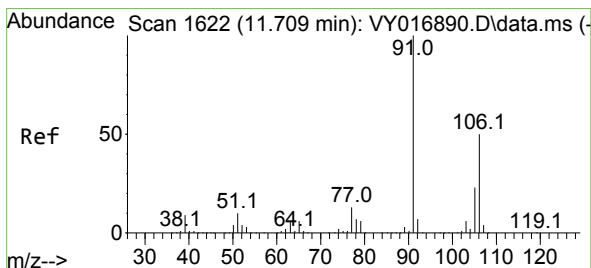
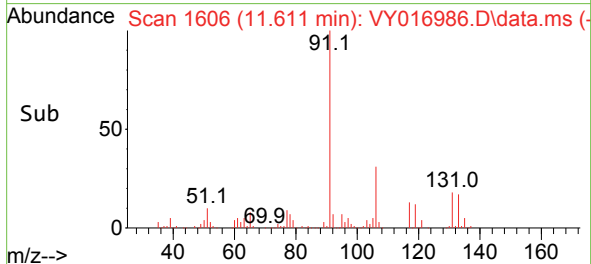
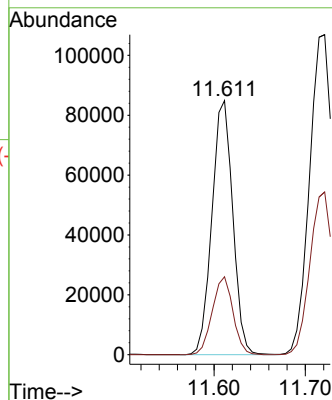
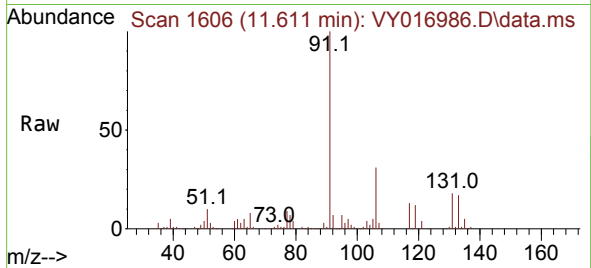




#67
Ethyl Benzene
Concen: 22.000 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

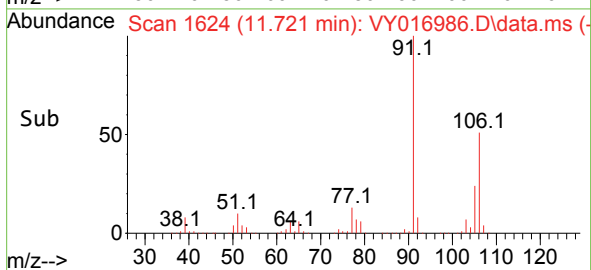
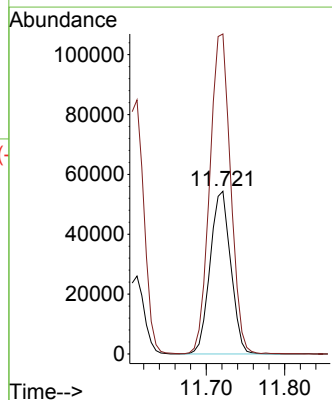
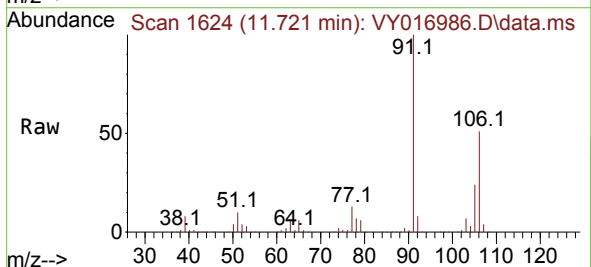
Instrument :
MSVOA_Y
ClientSampleId :

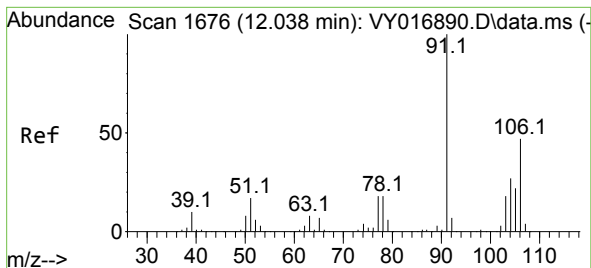
Tgt Ion: 91 Resp: 134241
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4



#68
m/p-Xylenes
Concen: 44.426 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion:106 Resp: 99504
Ion Ratio Lower Upper
106 100
91 199.1 160.7 241.1





#69

o-Xylene

Concen: 21.568 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

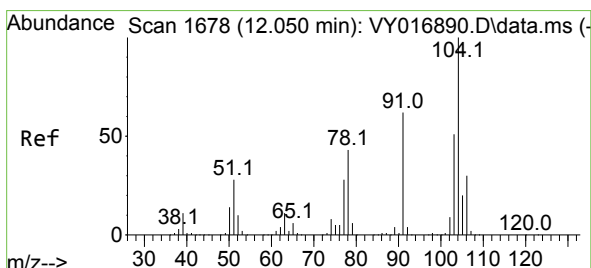
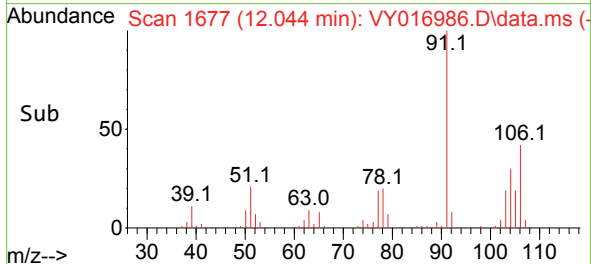
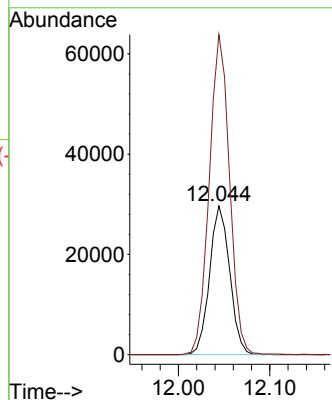
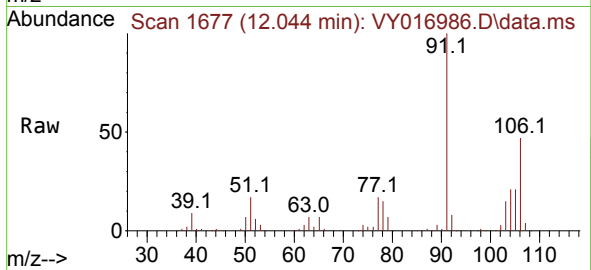
ClientSampleId :

Tgt Ion:106 Resp: 45286

Ion Ratio Lower Upper

106 100

91 217.6 106.5 319.5



#70

Styrene

Concen: 22.027 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

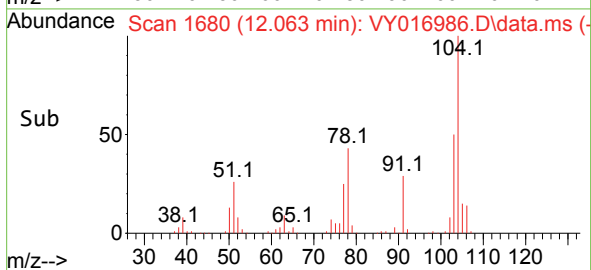
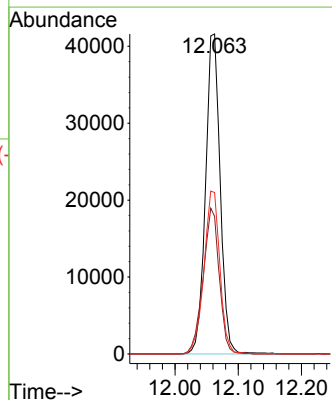
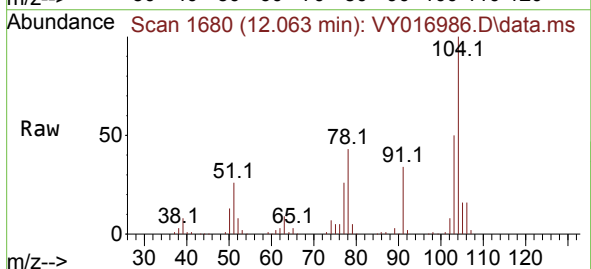
Tgt Ion:104 Resp: 67314

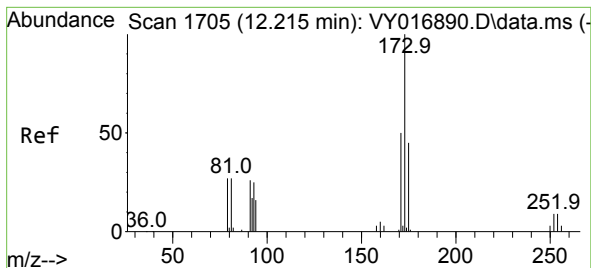
Ion Ratio Lower Upper

104 100

78 50.0 39.2 58.8

103 55.2 43.8 65.6





#71

Bromoform

Concen: 20.680 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

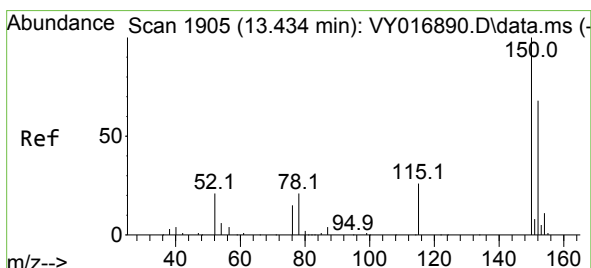
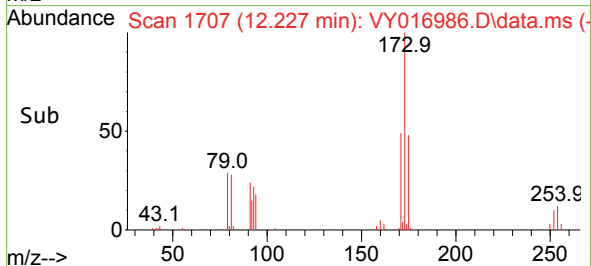
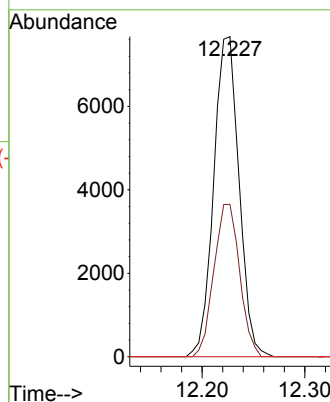
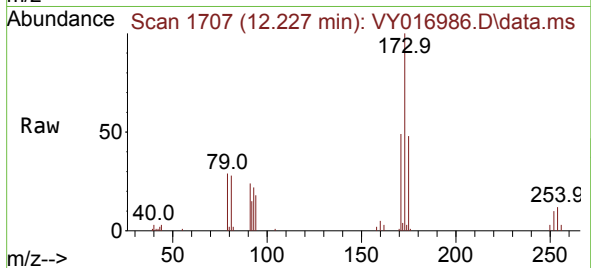
Tgt Ion:173 Resp: 13117

Ion Ratio Lower Upper

173 100

175 48.3 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: VY016986.D

Acq: 12 Jan 2024 12:26

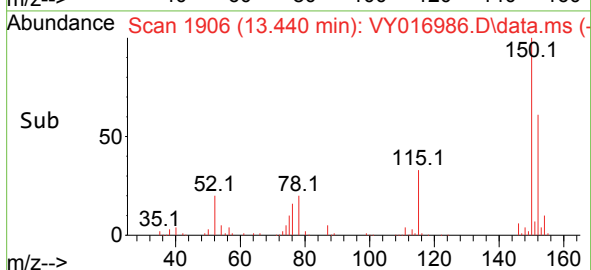
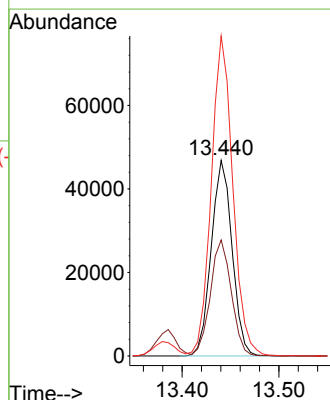
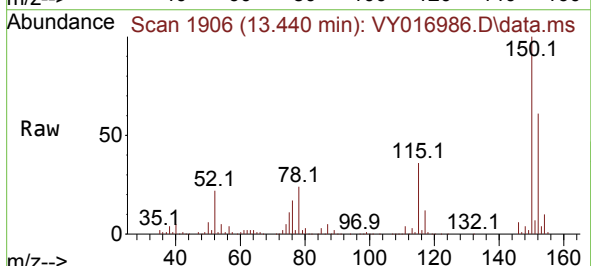
Tgt Ion:152 Resp: 70288

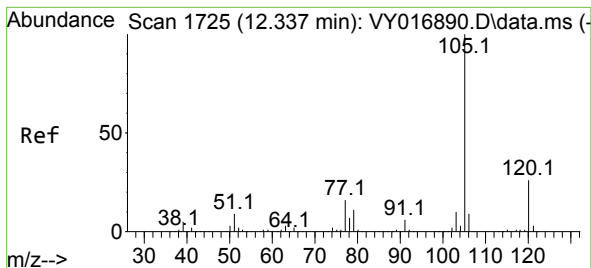
Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 168.7 0.0 344.6





#73

Isopropylbenzene

Concen: 22.596 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

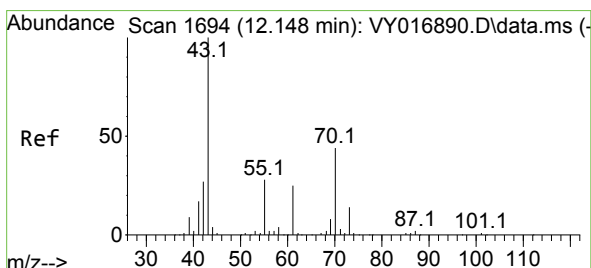
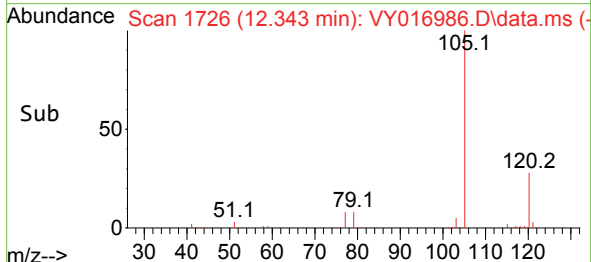
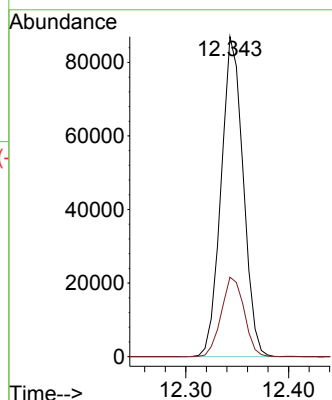
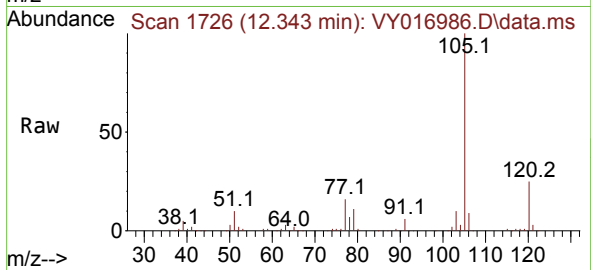
ClientSampleId :

Tgt Ion:105 Resp: 129694

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#74

N-ethyl acetate

Concen: 21.117 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion: 43 Resp: 24352

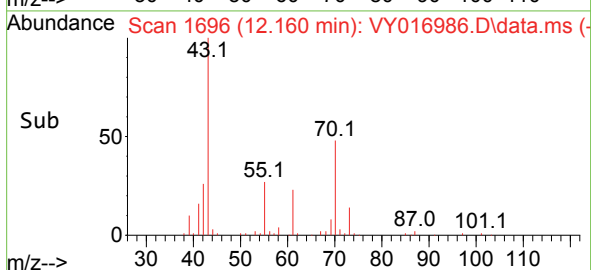
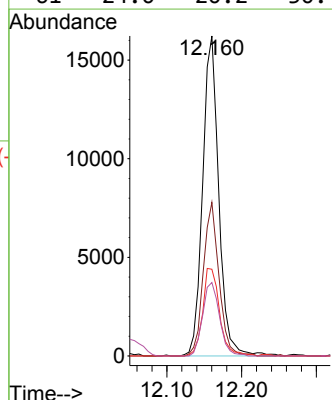
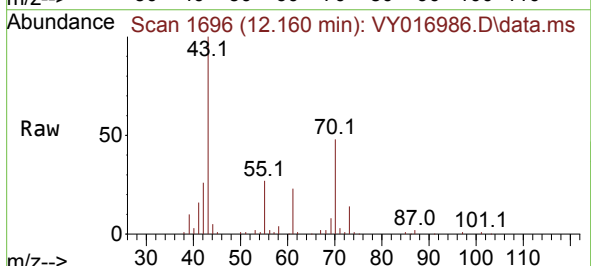
Ion Ratio Lower Upper

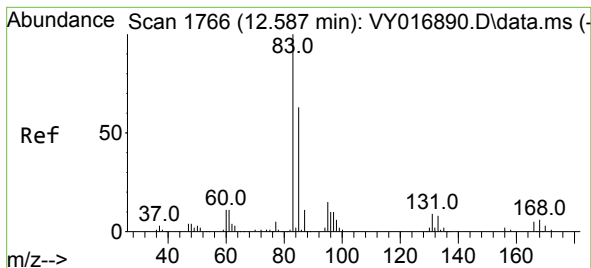
43 100

70 46.6 36.6 55.0

55 28.7 22.2 33.4

61 24.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.910 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

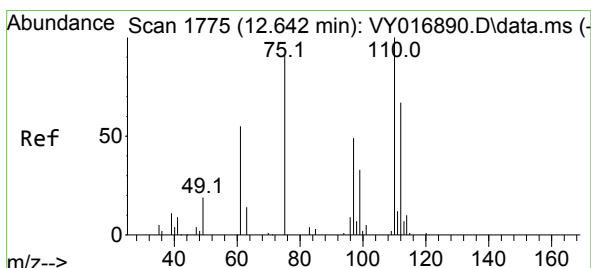
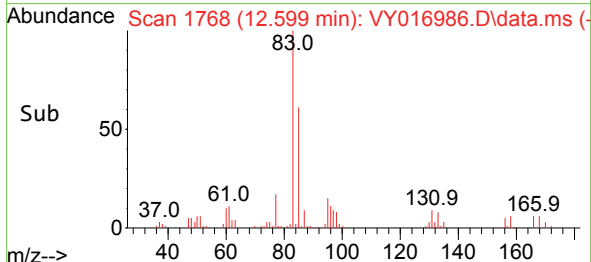
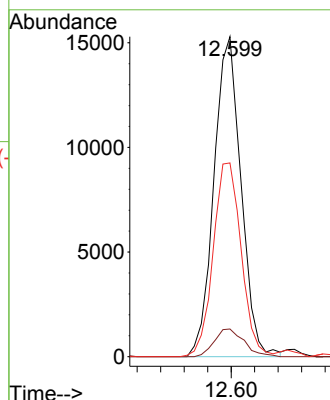
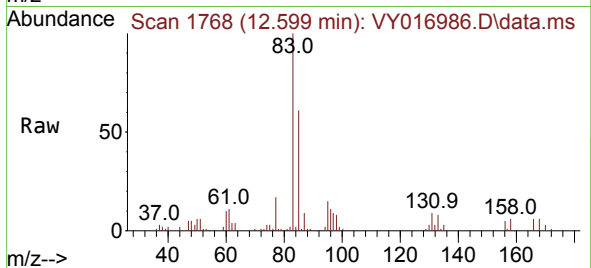
Tgt Ion: 83 Resp: 24454

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 62.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 36.962 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016986.D

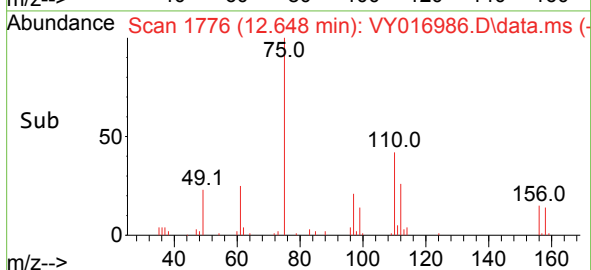
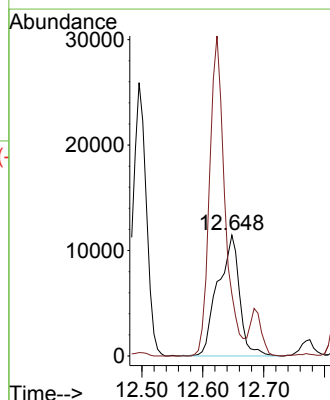
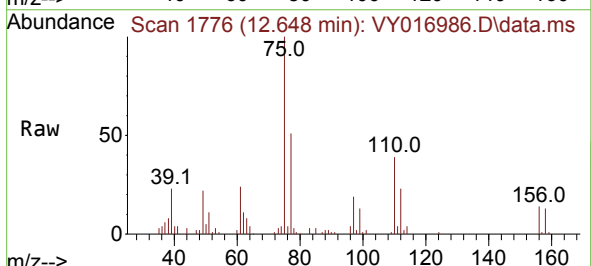
Acq: 12 Jan 2024 12:26

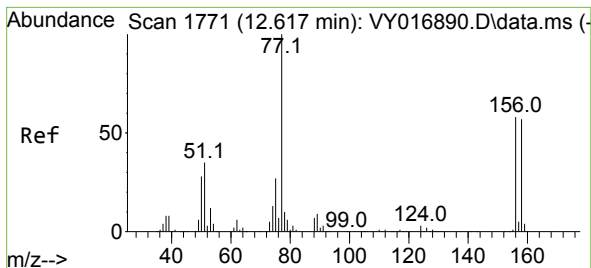
Tgt Ion: 75 Resp: 28193

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.509 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

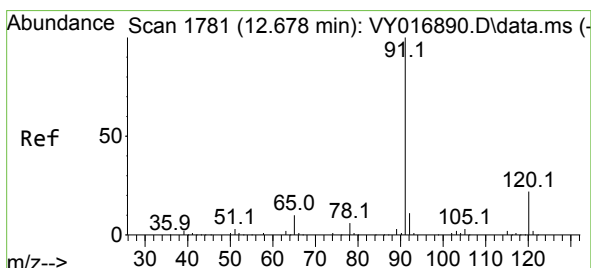
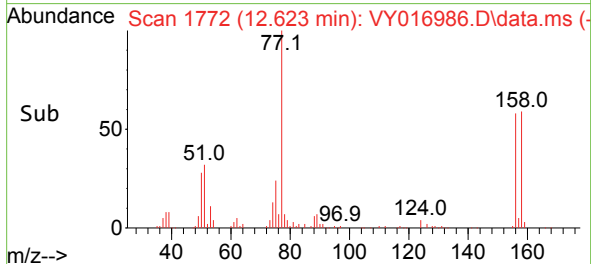
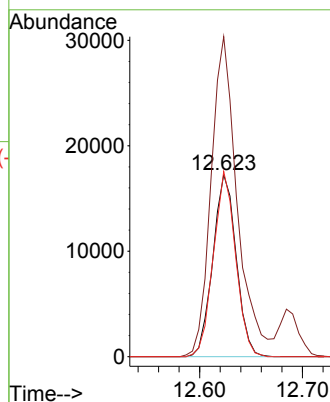
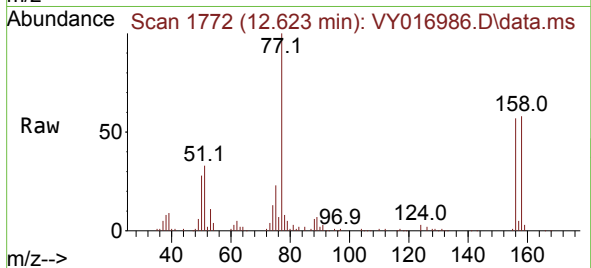
Tgt Ion:156 Resp: 27181

Ion Ratio Lower Upper

156 100

77 196.3 97.3 291.8

158 97.2 48.4 145.0



#78

n-propylbenzene

Concen: 22.128 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016986.D

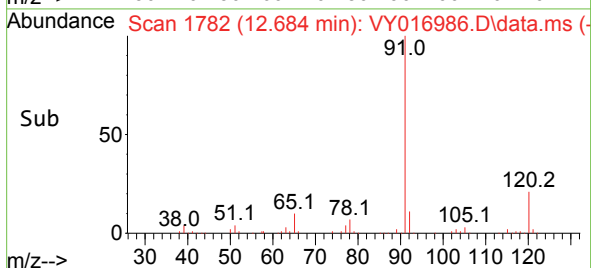
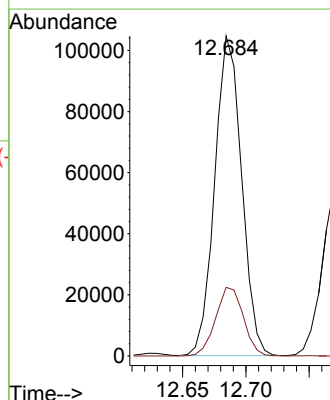
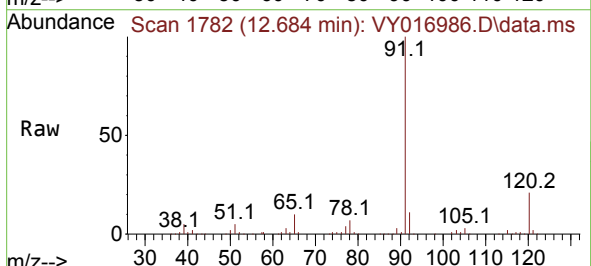
Acq: 12 Jan 2024 12:26

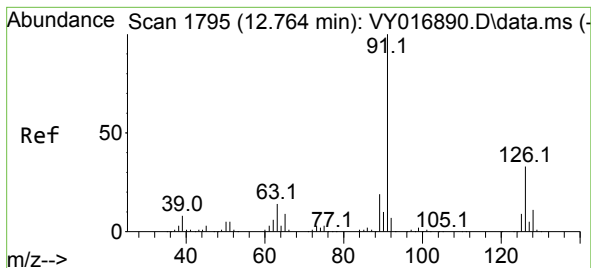
Tgt Ion: 91 Resp: 154407

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 22.150 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

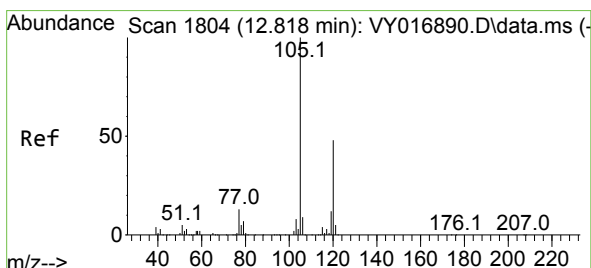
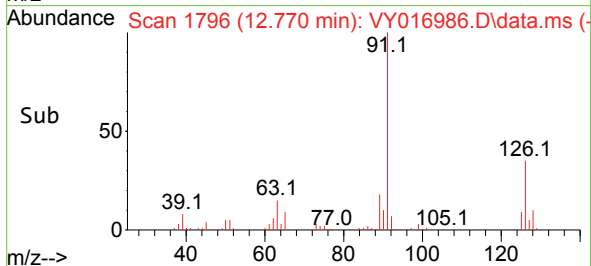
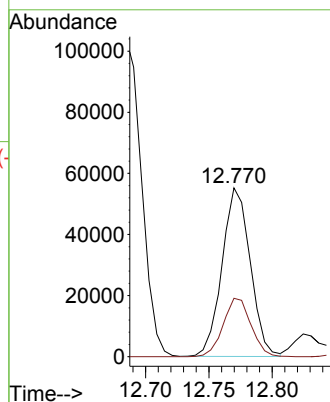
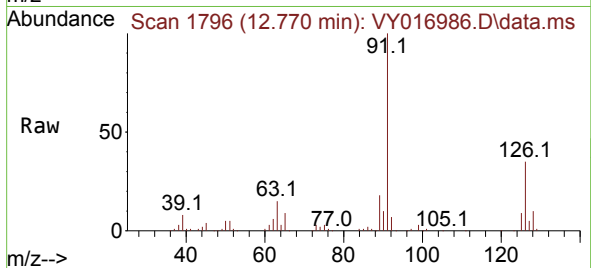
ClientSampleId :

Tgt Ion: 91 Resp: 85709

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 22.763 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.007 min

Lab File: VY016986.D

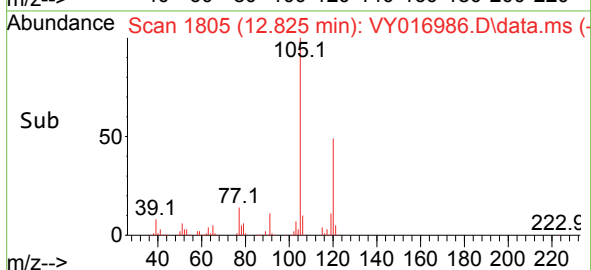
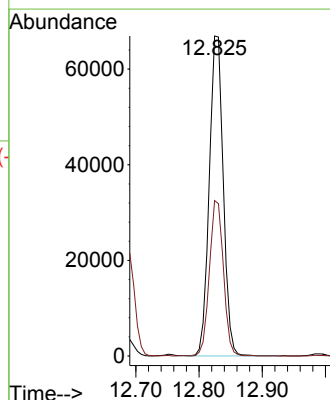
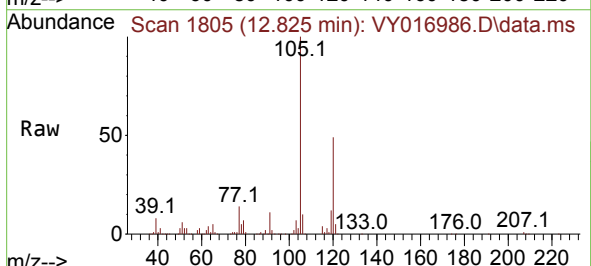
Acq: 12 Jan 2024 12:26

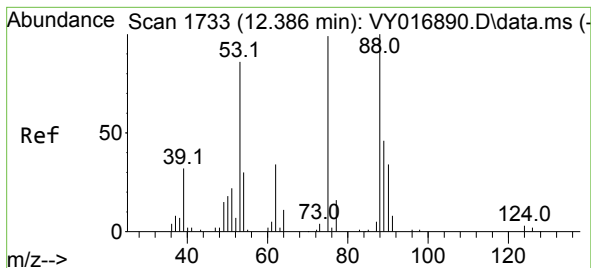
Tgt Ion:105 Resp: 103333

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8

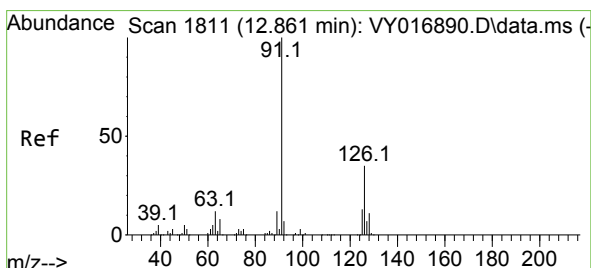
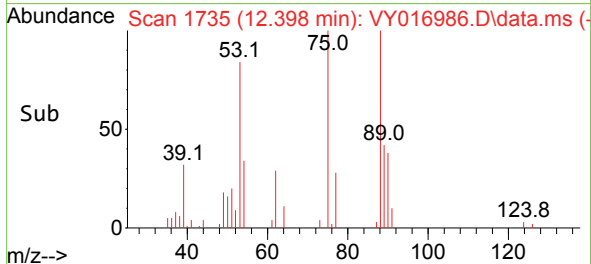
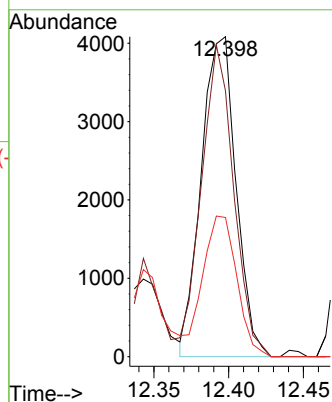
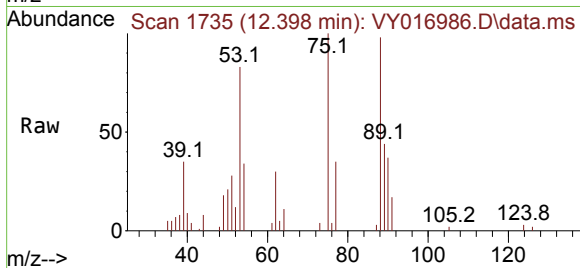




#81
trans-1,4-Dichloro-2-butene
Concen: 19.625 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.013 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

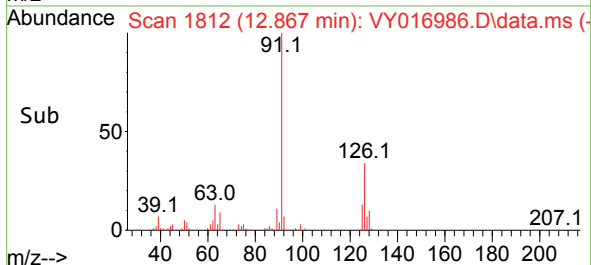
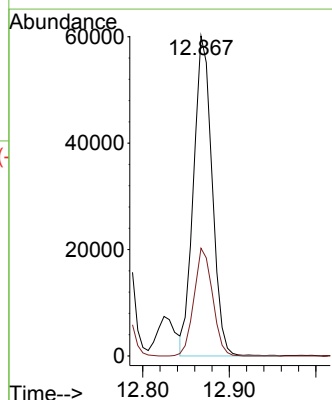
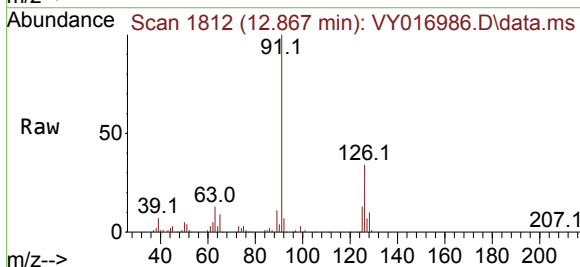
Instrument :
MSVOA_Y
ClientSampleId :

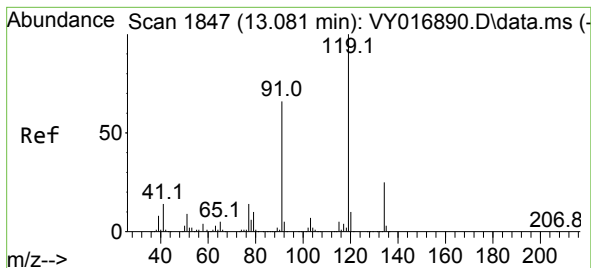
Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.3	74.0	111.0
89	43.6	36.5	54.7



#82
4-Chlorotoluene
Concen: 22.629 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.1	51.2





#83

tert-Butylbenzene

Concen: 22.047 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

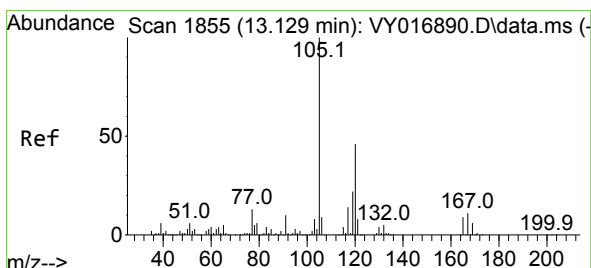
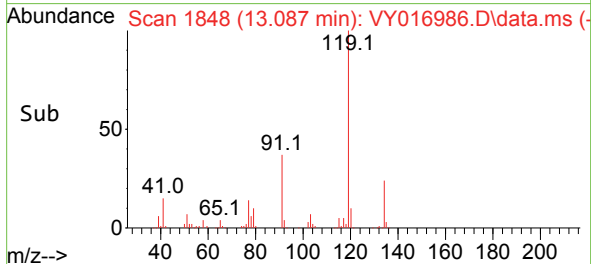
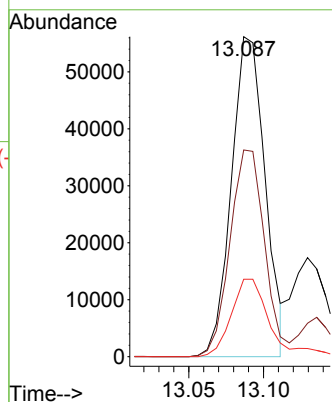
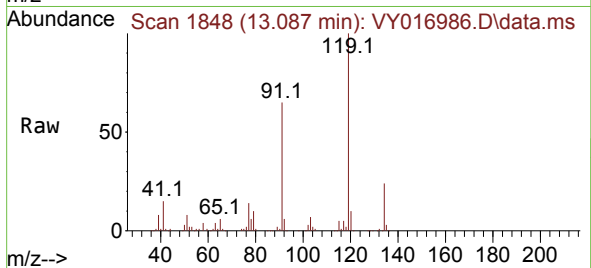
Tgt Ion:119 Resp: 88152

Ion Ratio Lower Upper

119 100

91 66.3 31.5 94.5

134 27.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 22.567 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY016986.D

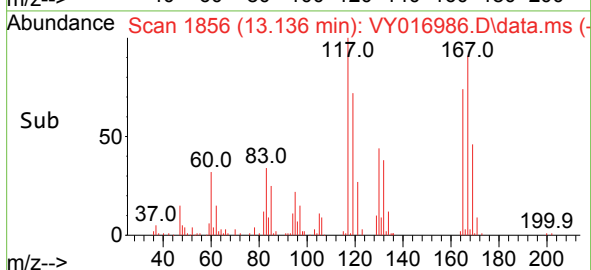
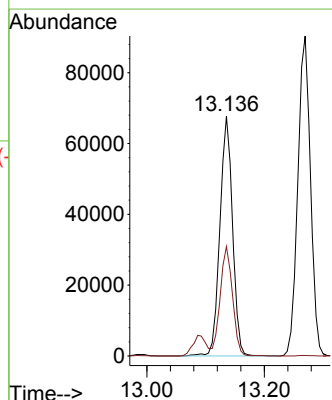
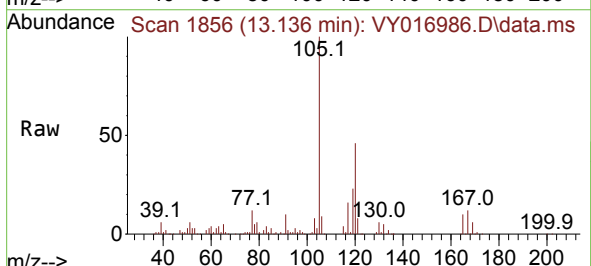
Acq: 12 Jan 2024 12:26

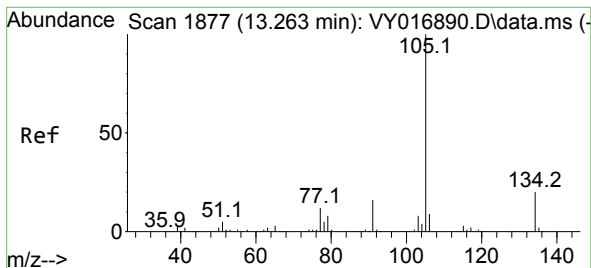
Tgt Ion:105 Resp: 100886

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 22.798 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

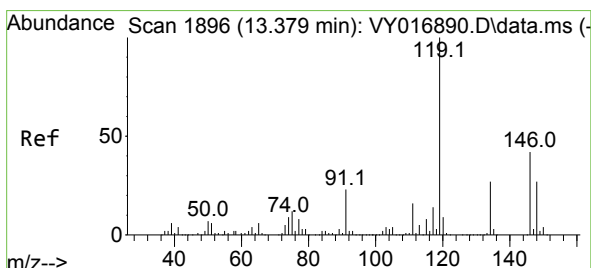
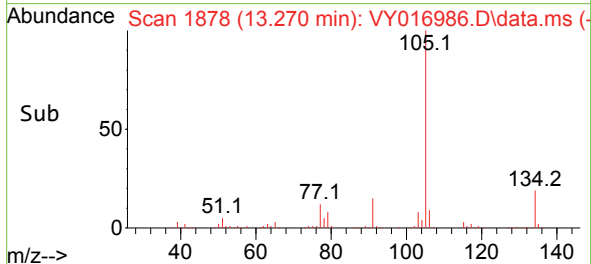
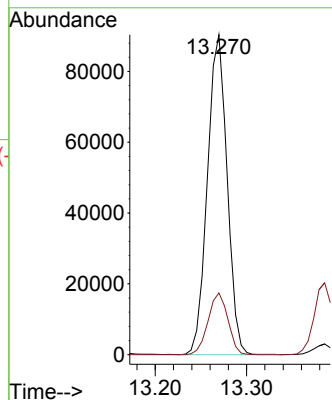
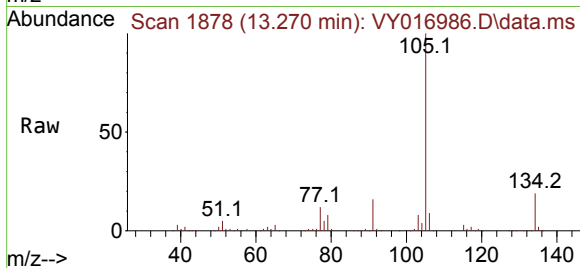
ClientSampleId :

Tgt Ion:105 Resp: 135067

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 22.444 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

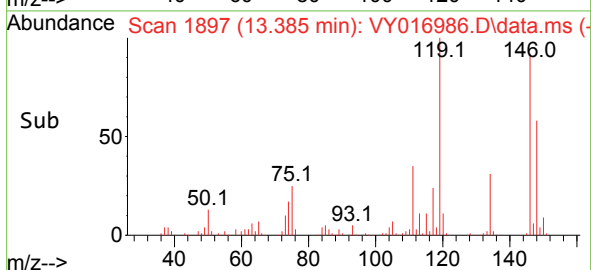
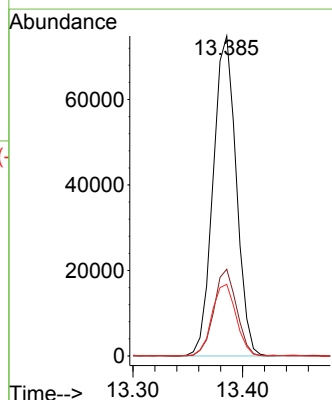
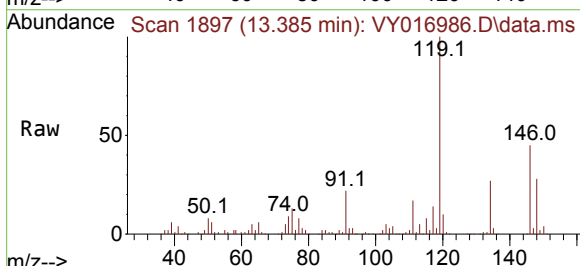
Tgt Ion:119 Resp: 109740

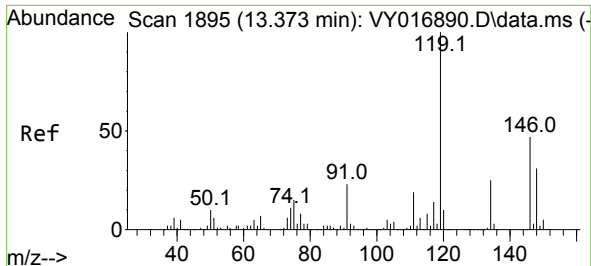
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.842 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

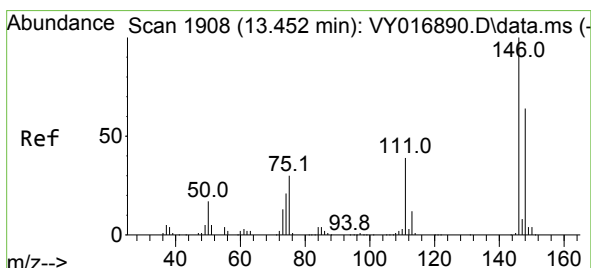
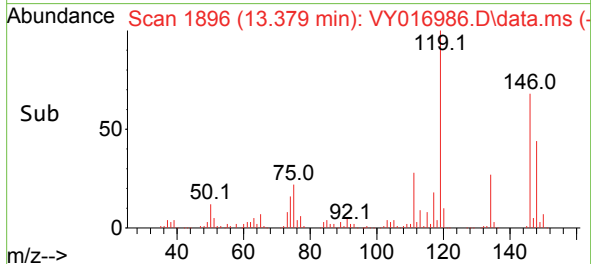
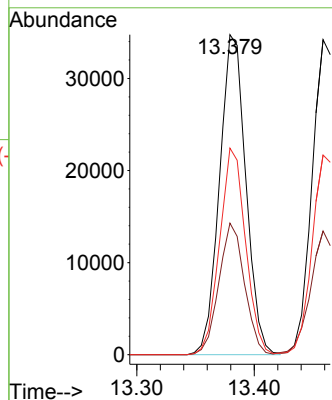
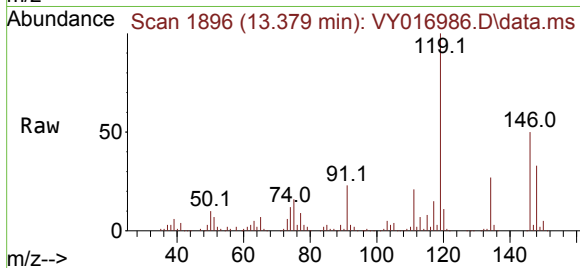
Tgt Ion:146 Resp: 54135

Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.5

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 22.217 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

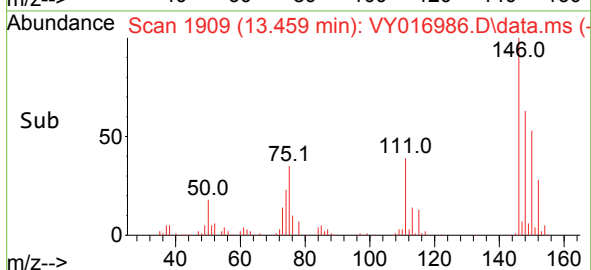
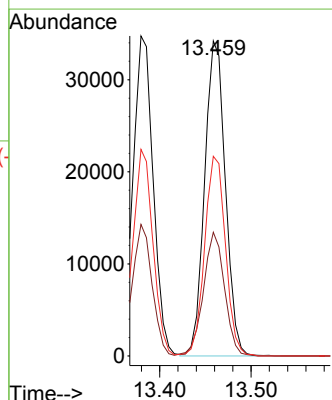
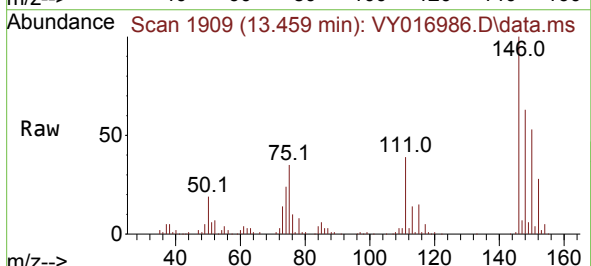
Tgt Ion:146 Resp: 53855

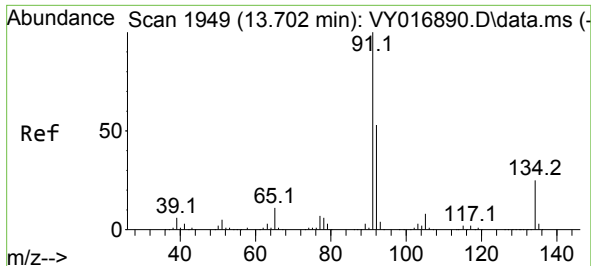
Ion Ratio Lower Upper

146 100

111 40.0 19.3 57.9

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 22.384 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

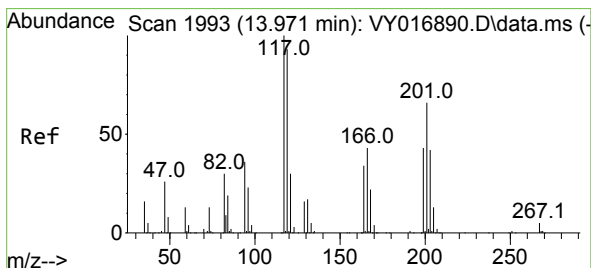
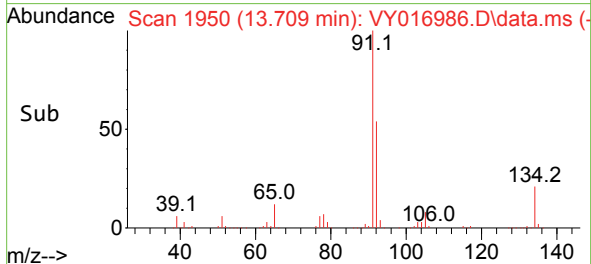
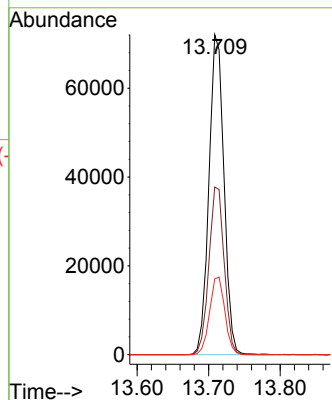
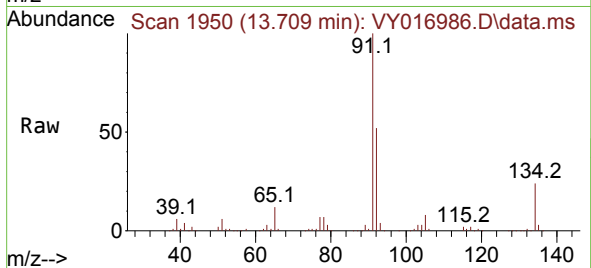
Tgt Ion: 91 Resp: 105230

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 24.6 12.3 36.8



#90

Hexachloroethane

Concen: 22.444 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016986.D

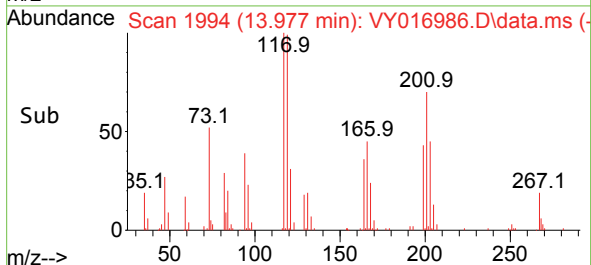
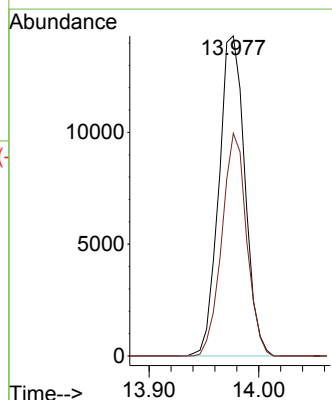
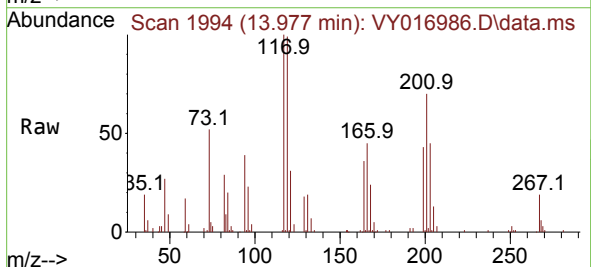
Acq: 12 Jan 2024 12:26

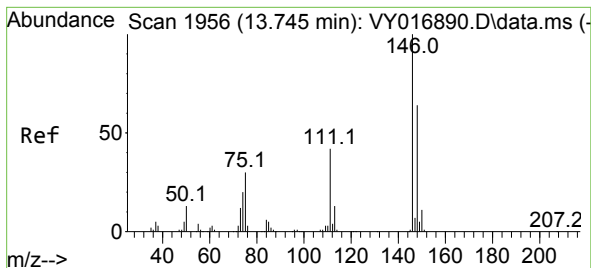
Tgt Ion: 117 Resp: 23581

Ion Ratio Lower Upper

117 100

201 66.3 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.679 ug/l

RT: 13.757 min Scan# 1958

Delta R.T. 0.006 min

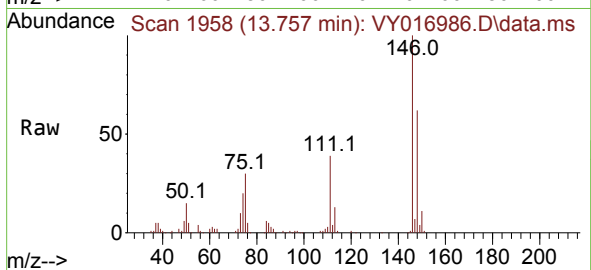
Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :



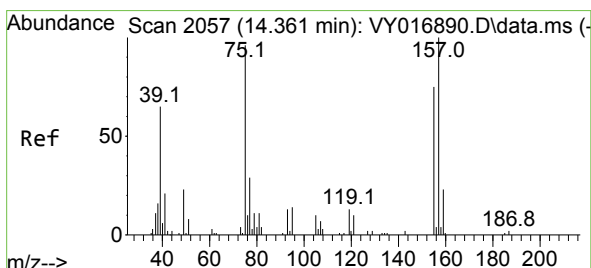
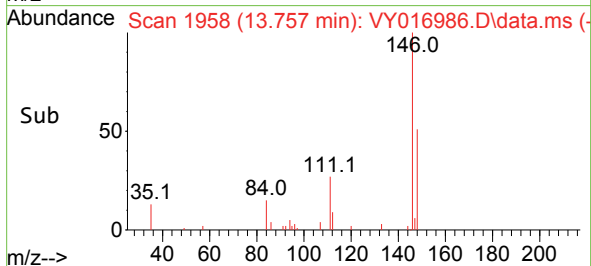
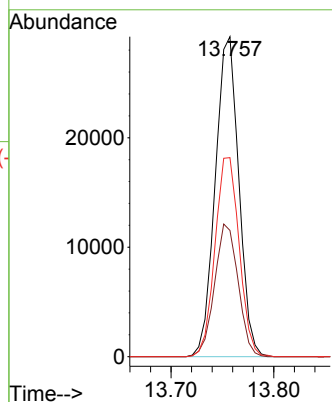
Tgt Ion:146 Resp: 46434

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.6

148 64.0 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.309 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

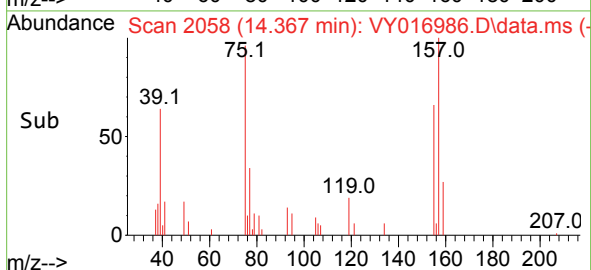
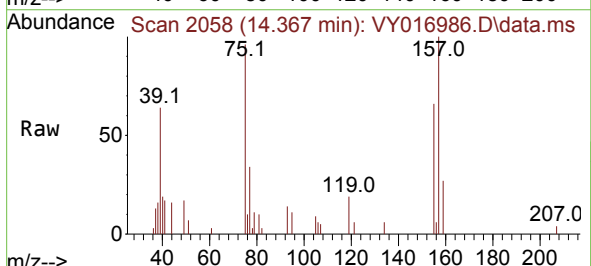
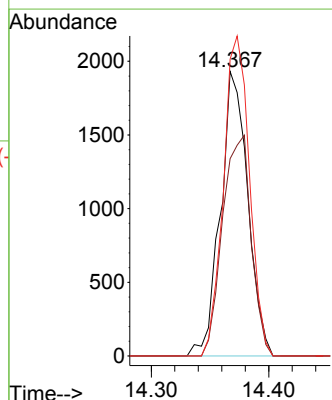
Tgt Ion: 75 Resp: 3125

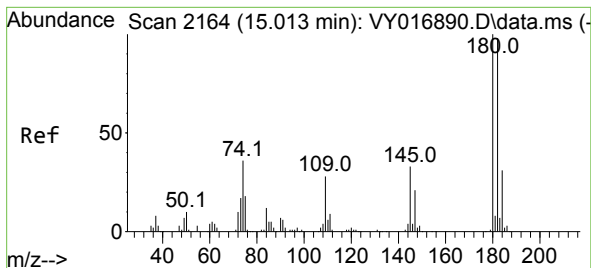
Ion Ratio Lower Upper

75 100

155 81.2 42.1 126.3

157 107.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.379 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

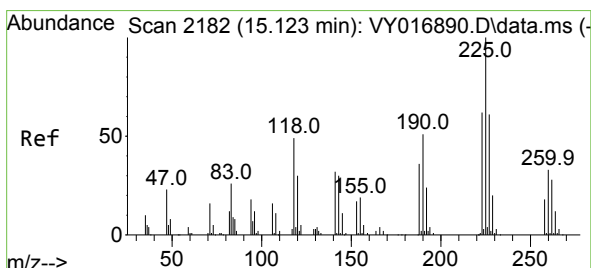
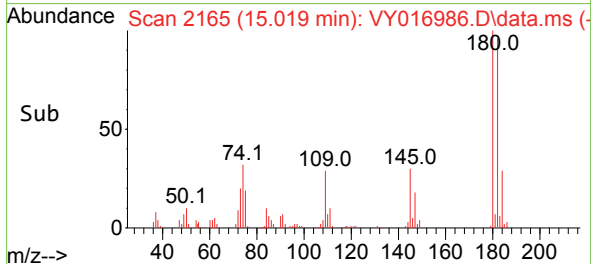
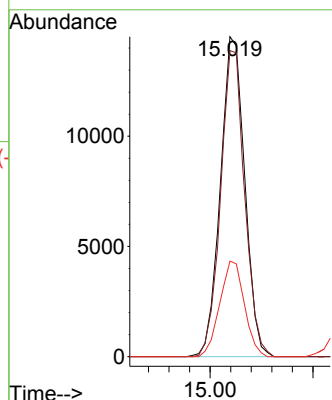
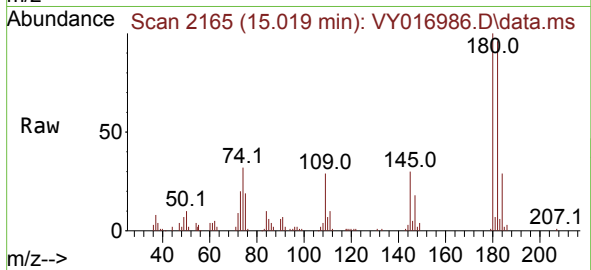
Tgt Ion:180 Resp: 23802

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 30.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.249 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

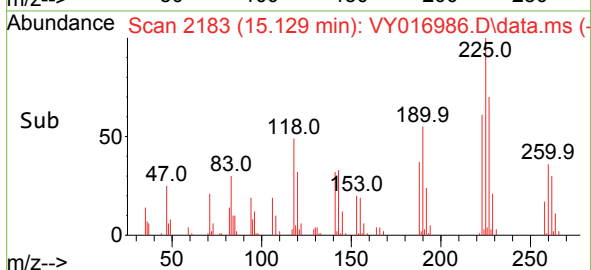
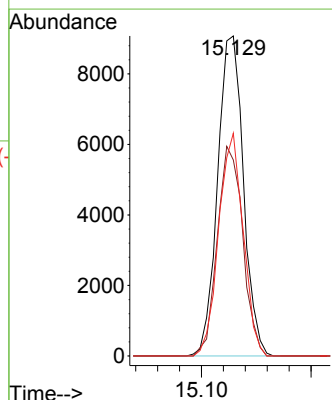
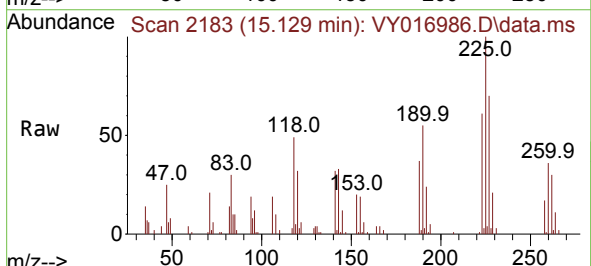
Tgt Ion:225 Resp: 14824

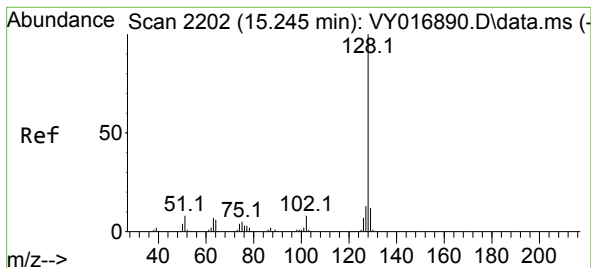
Ion Ratio Lower Upper

225 100

223 64.6 31.4 94.3

227 65.9 32.3 96.8





#95

Naphthalene

Concen: 22.143 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016986.D

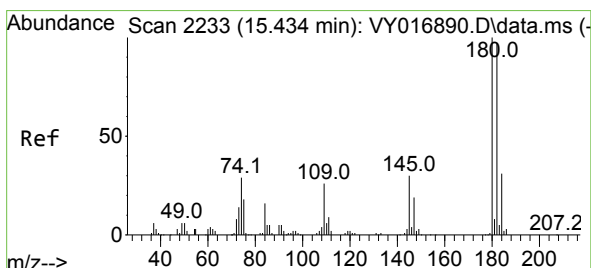
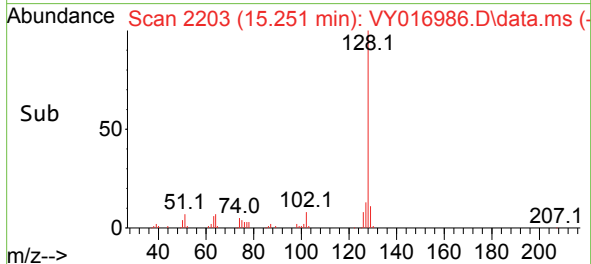
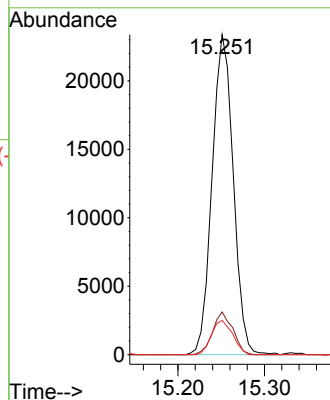
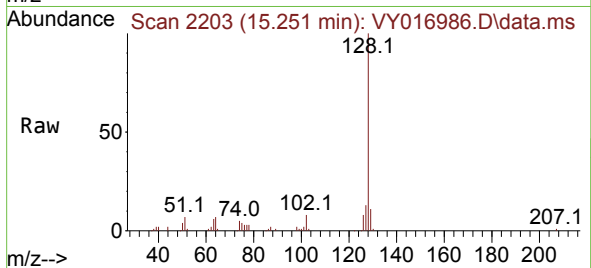
Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	39683
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	10.7	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 22.372 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion:180	Resp:	20204
Ion Ratio	Lower	Upper
180	100	
182	95.3	46.3 138.8
145	30.5	16.1 48.2

