

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016938.D
 Acq On : 08 Jan 2024 17:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 06:37:26 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	125830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	217750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	187953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	64527	51.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.760%	
35) Dibromofluoromethane	7.740	113	69685	50.220	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.440%	
50) Toluene-d8	10.197	98	242508	50.753	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	12.495	95	80574	49.981	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	41759	43.585	ug/l	95
3) Chloromethane	2.125	50	70178	47.477	ug/l	100
4) Vinyl Chloride	2.265	62	82621	47.387	ug/l	98
5) Bromomethane	2.668	94	60998	48.834	ug/l	95
6) Chloroethane	2.814	64	57290	48.575	ug/l	100
7) Trichlorofluoromethane	3.149	101	103701	48.271	ug/l	95
8) Diethyl Ether	3.546	74	36754	53.534	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	68699	49.182	ug/l	99
10) Methyl Iodide	4.119	142	58068	48.865	ug/l	97
11) Tert butyl alcohol	4.984	59	23954	267.027	ug/l	98
12) 1,1-Dichloroethene	3.899	96	59155	49.358	ug/l	97
13) Acrolein	3.753	56	30539	224.372	ug/l	99
14) Allyl chloride	4.503	41	100321	52.949	ug/l	99
15) Acrylonitrile	5.186	53	85504	266.258	ug/l	99
16) Acetone	3.966	43	76585	249.843	ug/l	97
17) Carbon Disulfide	4.222	76	136068	47.515	ug/l	99
18) Methyl Acetate	4.503	43	80823	60.659	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	171777	55.092	ug/l	100
20) Methylene Chloride	4.747	84	82402	51.671	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	69325	50.505	ug/l	98
22) Diisopropyl ether	6.143	45	245988	56.158	ug/l	95
23) Vinyl Acetate	6.082	43	528261	263.018	ug/l	100
24) 1,1-Dichloroethane	6.045	63	138353	52.561	ug/l	100
25) 2-Butanone	7.008	43	112140	264.803	ug/l	100
26) 2,2-Dichloropropane	7.002	77	114935	50.360	ug/l	100
27) cis-1,2-Dichloroethene	7.008	96	87231	54.213	ug/l	100
28) Bromochloromethane	7.356	49	55500	56.163	ug/l	100
29) Tetrahydrofuran	7.368	42	67418	267.839	ug/l	99
30) Chloroform	7.527	83	143581	52.932	ug/l	99
31) Cyclohexane	7.807	56	102611	48.072	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	118195	51.389	ug/l	99
36) 1,1-Dichloropropene	7.935	75	98710	48.813	ug/l	100
37) Ethyl Acetate	7.100	43	46717	50.836	ug/l	99
38) Carbon Tetrachloride	7.923	117	99783	48.567	ug/l	98
39) Methylcyclohexane	9.203	83	113624	49.981	ug/l	98
40) Benzene	8.179	78	308422	50.843	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	27577	56.978	ug/l	95
42) 1,2-Dichloroethane	8.252	62	81797	50.792	ug/l	100
43) Isopropyl Acetate	8.289	43	90953	51.683	ug/l	99
44) Trichloroethene	8.959	130	77945	50.496	ug/l	95
45) 1,2-Dichloropropane	9.234	63	81316	52.032	ug/l	99
46) Dibromomethane	9.319	93	40588	50.924	ug/l	99
47) Bromodichloromethane	9.514	83	110231	51.503	ug/l	97
48) Methyl methacrylate	9.307	41	50548	53.224	ug/l	97
49) 1,4-Dioxane	9.319	88	8375	1014.827	ug/l	88
51) 4-Methyl-2-Pentanone	10.081	43	248467	265.484	ug/l	100
52) Toluene	10.258	92	189195	51.679	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	99148	51.717	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	120519	52.347	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	59710	51.280	ug/l	99
56) Ethyl methacrylate	10.526	69	54076	54.830	ug/l	98
57) 1,3-Dichloropropane	10.807	76	101466	52.192	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	151979	245.243	ug/l	100
59) 2-Hexanone	10.843	43	171134	248.332	ug/l	100
60) Dibromochloromethane	10.996	129	70132	52.228	ug/l	98
61) 1,2-Dibromoethane	11.099	107	52638	52.031	ug/l	100
64) Tetrachloroethene	10.733	164	60797	49.894	ug/l	97
65) Chlorobenzene	11.526	112	200736	51.268	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	76631	51.485	ug/l	100
67) Ethyl Benzene	11.605	91	364378	51.692	ug/l	98
68) m/p-Xylenes	11.715	106	271324	104.862	ug/l	100
69) o-Xylene	12.044	106	127614	52.610	ug/l	100
70) Styrene	12.056	104	190182	53.871	ug/l	99
71) Bromoform	12.221	173	37420	51.070	ug/l #	97
73) Isopropylbenzene	12.343	105	355292	52.637	ug/l	100
74) N-amyl acetate	12.154	43	72180	53.225	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	68689	49.945	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	80343	89.571	ug/l #	100
77) Bromobenzene	12.623	156	74548	50.163	ug/l	100
78) n-propylbenzene	12.684	91	426133	51.931	ug/l	99
79) 2-Chlorotoluene	12.770	91	231309	50.834	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	281766	52.782	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	20069	50.806	ug/l	95
82) 4-Chlorotoluene	12.867	91	236860	50.951	ug/l	99
83) tert-Butylbenzene	13.087	119	246718	52.472	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	277154	52.719	ug/l	98
85) sec-Butylbenzene	13.263	105	363826	52.222	ug/l	100
86) p-Isopropyltoluene	13.379	119	303647	52.810	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	147467	50.596	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	144214	50.589	ug/l	100
89) n-Butylbenzene	13.709	91	293192	53.035	ug/l	100
90) Hexachloroethane	13.971	117	62836	50.857	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	126543	50.240	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8574	49.716	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	68549	54.806	ug/l	98
94) Hexachlorobutadiene	15.123	225	38828	49.555	ug/l	99
95) Naphthalene	15.251	128	127232	55.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	56841	53.522	ug/l	98

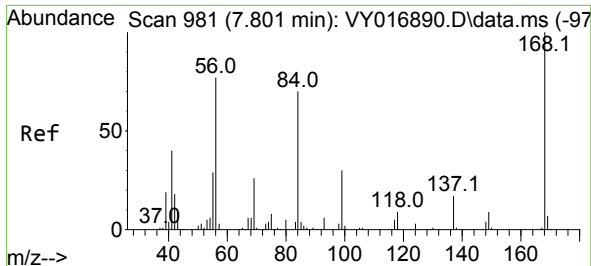
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
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QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

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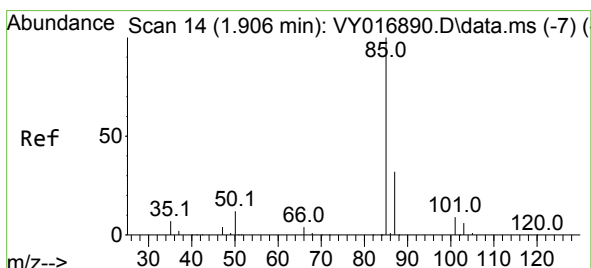
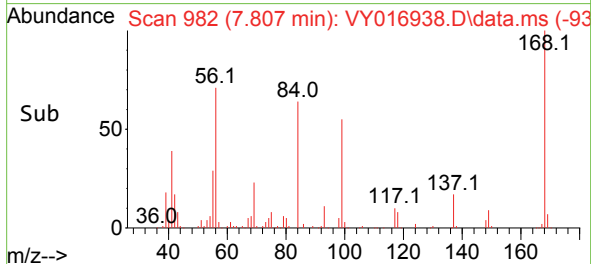
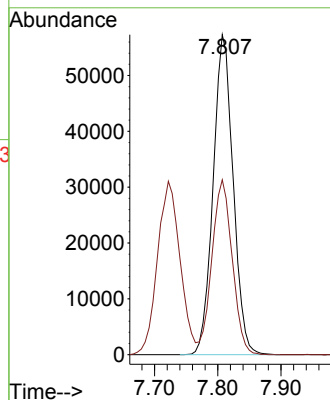
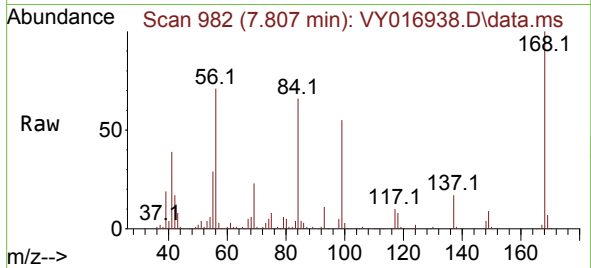
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016938.D
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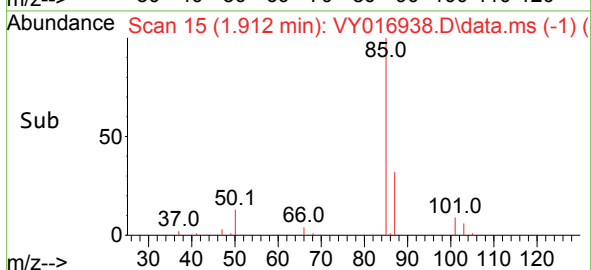
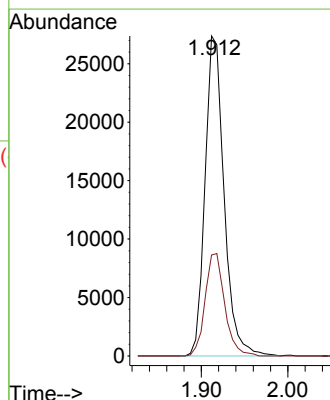
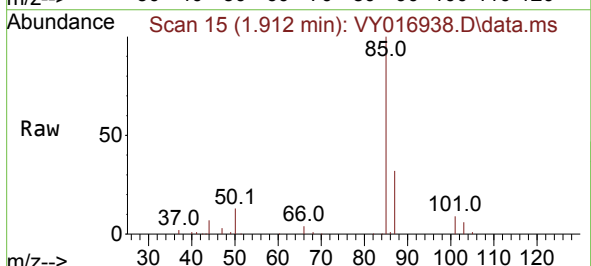
Instrument :
MSVOA_Y
ClientSampleId :

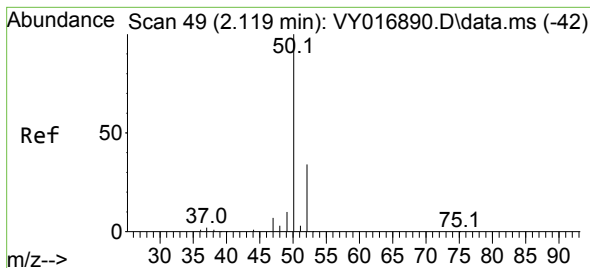
Tgt Ion:168 Resp: 125830
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 43.585 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 85 Resp: 41759
Ion Ratio Lower Upper
85 100
87 31.5 17.1 51.3





#3

Chloromethane

Concen: 47.477 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

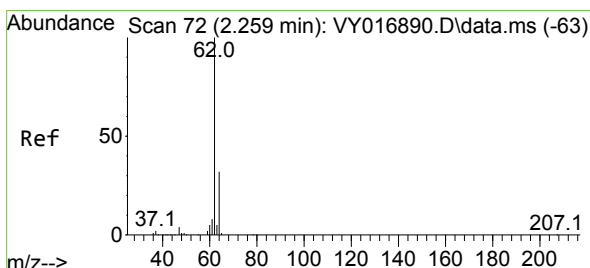
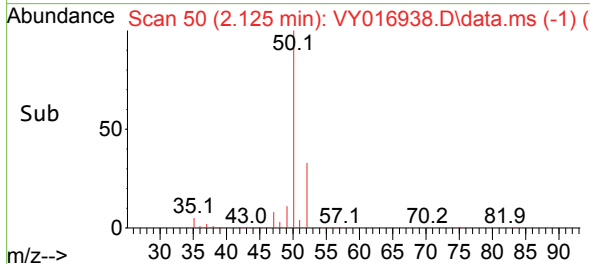
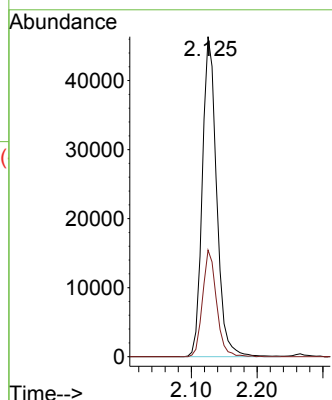
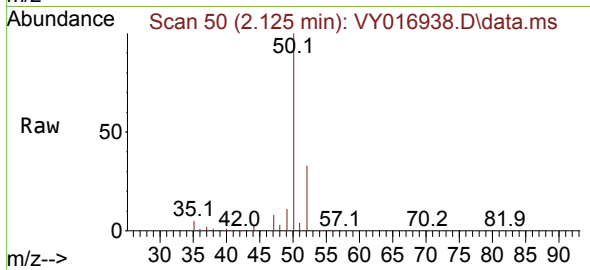
ClientSampleId :

Tgt Ion: 50 Resp: 70178

Ion Ratio Lower Upper

50 100

52 33.3 26.7 40.1



#4

Vinyl Chloride

Concen: 47.387 ug/l

RT: 2.265 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016938.D

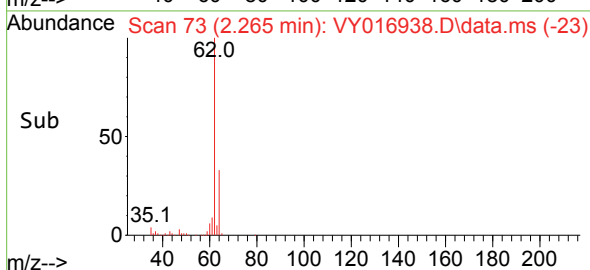
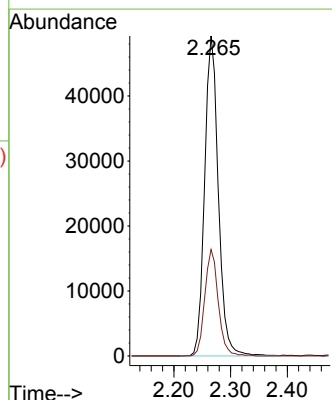
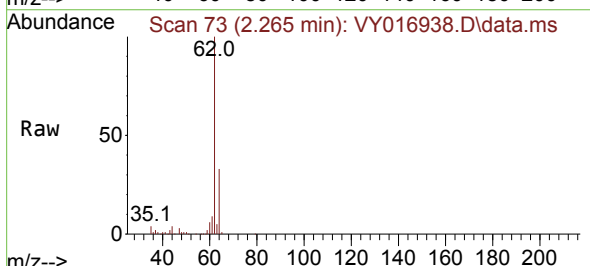
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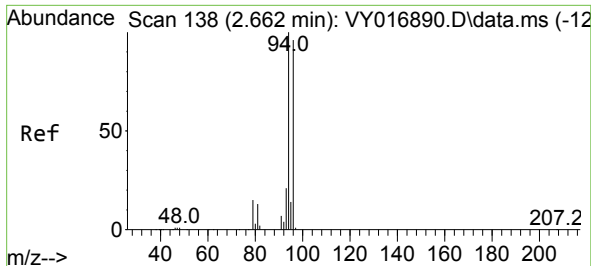
Tgt Ion: 62 Resp: 82621

Ion Ratio Lower Upper

62 100

64 33.2 25.7 38.5

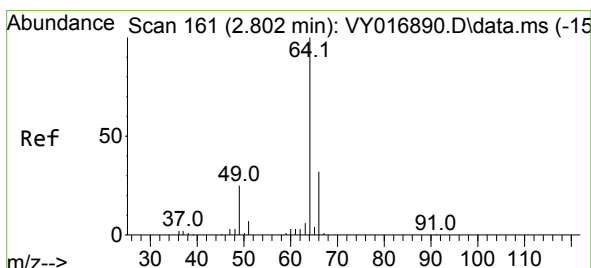
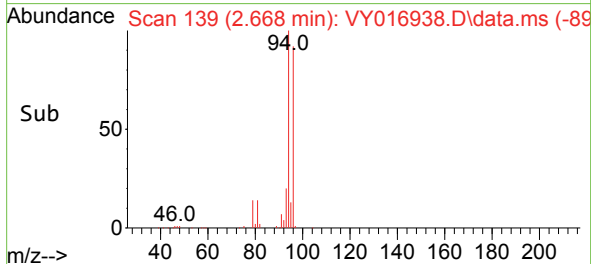
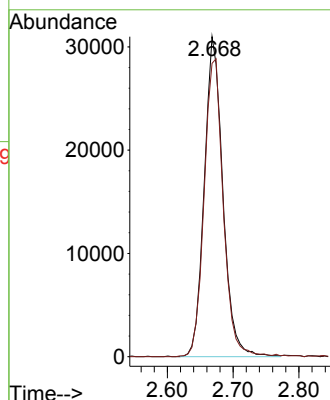
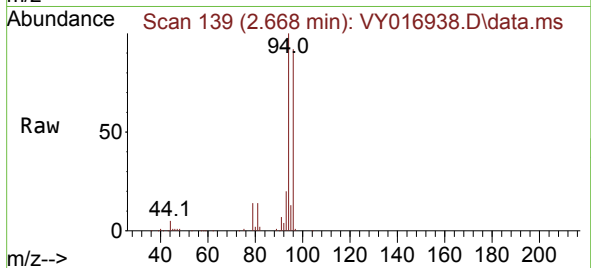




#5
Bromomethane
Concen: 48.834 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

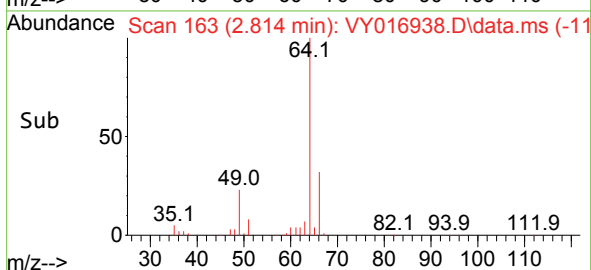
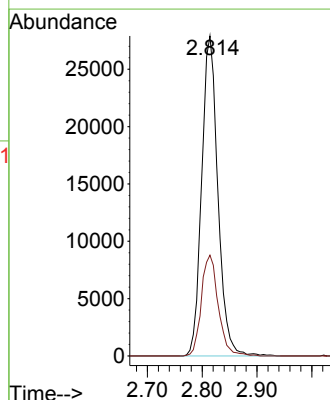
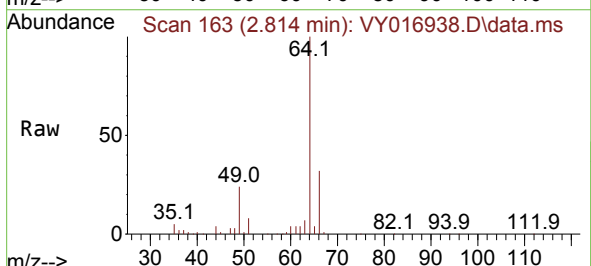
Instrument :
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ClientSampleId :

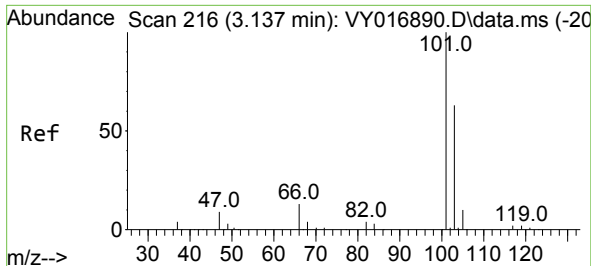
Tgt Ion: 94 Resp: 60998
Ion Ratio Lower Upper
94 100
96 91.4 77.3 115.9



#6
Chloroethane
Concen: 48.575 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

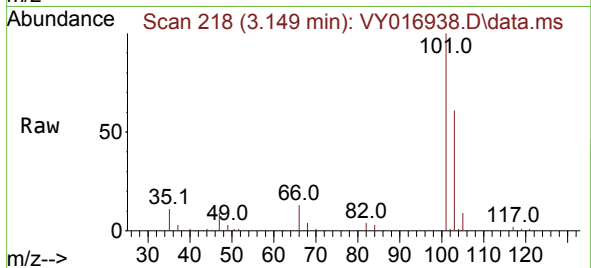
Tgt Ion: 64 Resp: 57290
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7



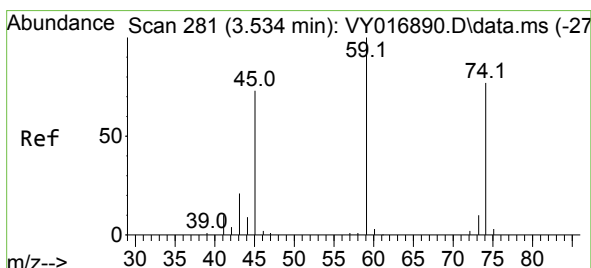
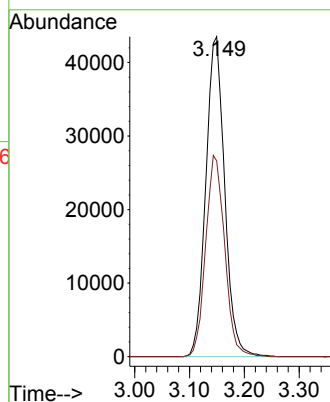
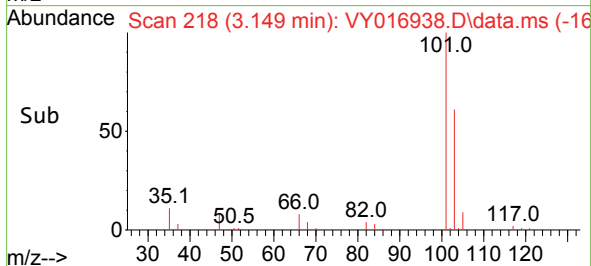


#7
 Trichlorofluoromethane
 Concen: 48.271 ug/l
 RT: 3.149 min Scan# 216
 Delta R.T. 0.012 min
 Lab File: VY016938.D
 Acq: 08 Jan 2024 17:15

Instrument :
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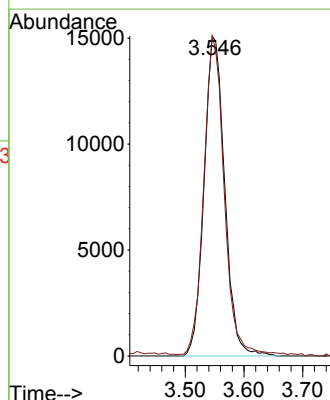
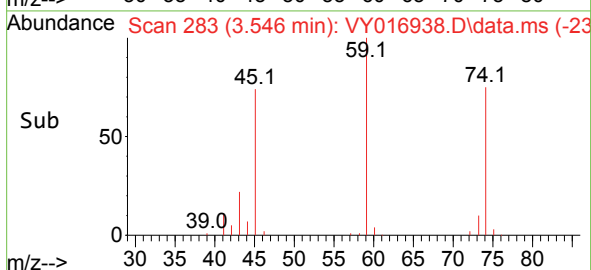
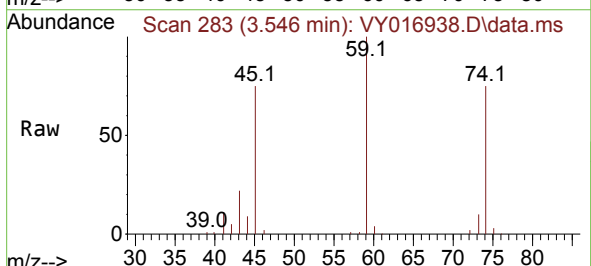


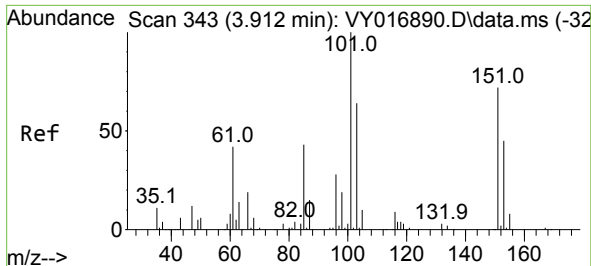
Tgt Ion:101 Resp: 103701
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 53.534 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016938.D
 Acq: 08 Jan 2024 17:15

Tgt Ion: 74 Resp: 36754
 Ion Ratio Lower Upper
 74 100
 45 100.6 47.9 143.7

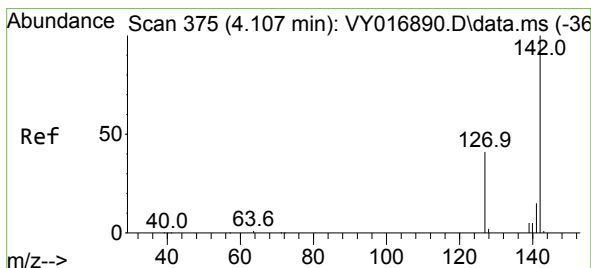
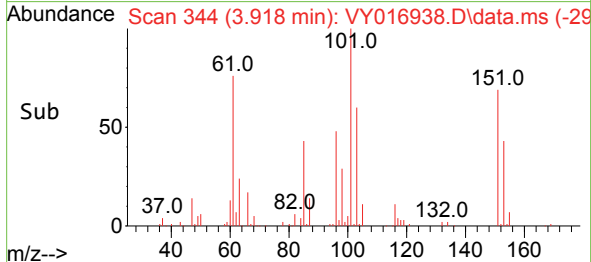
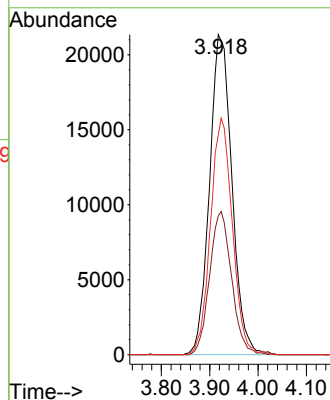
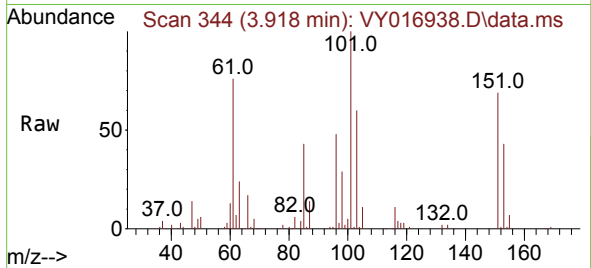




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.182 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.007 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

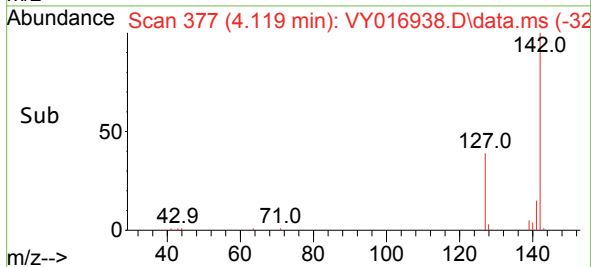
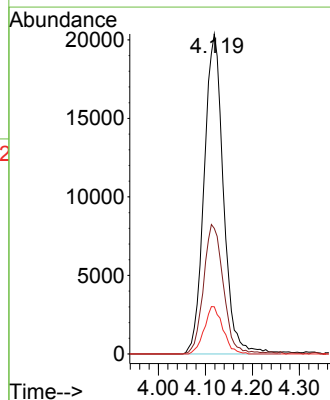
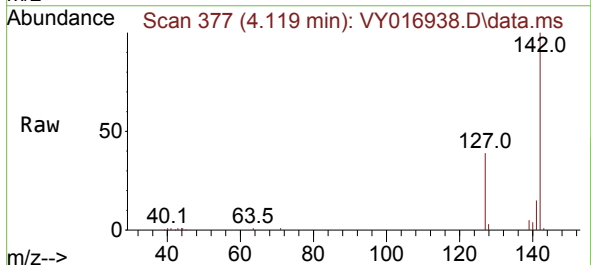
Instrument :
MSVOA_Y
ClientSampleId :

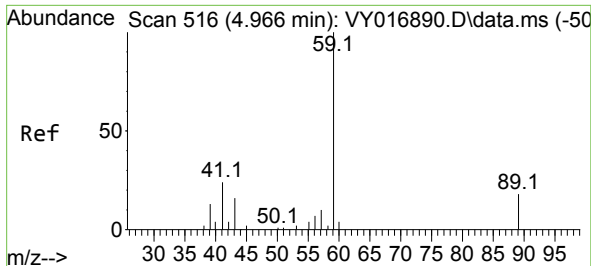
Tgt Ion:101 Resp: 68699
Ion Ratio Lower Upper
101 100
85 43.8 35.8 53.6
151 72.2 58.6 88.0



#10
Methyl Iodide
Concen: 48.865 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

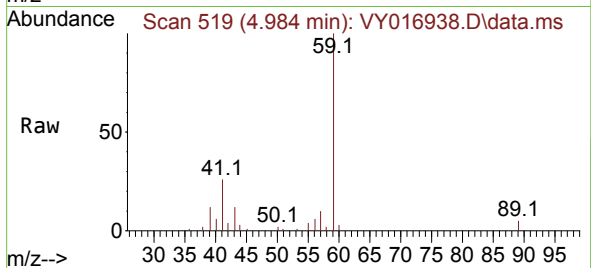
Tgt Ion:142 Resp: 58068
Ion Ratio Lower Upper
142 100
127 41.6 35.1 52.7
141 14.3 11.8 17.6



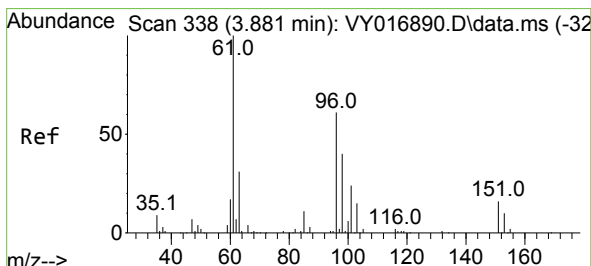
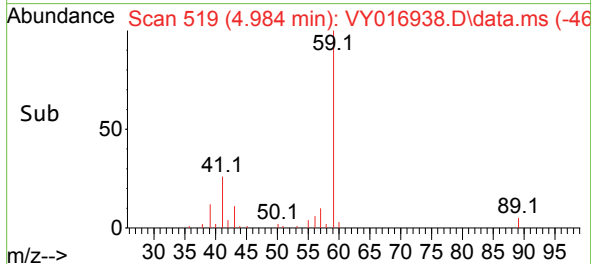
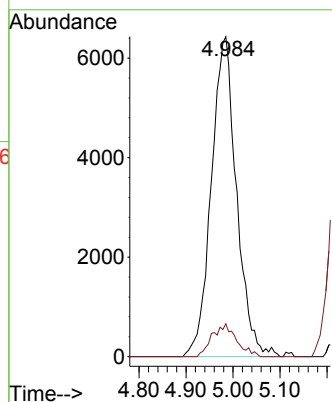


#11
Tert butyl alcohol
Concen: 267.027 ug/l
RT: 4.984 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

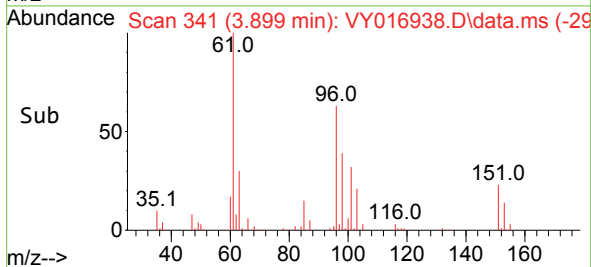
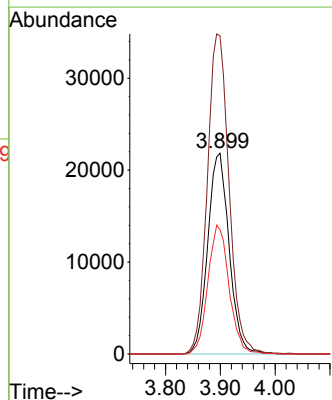
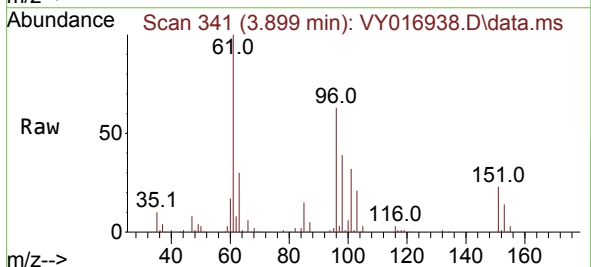


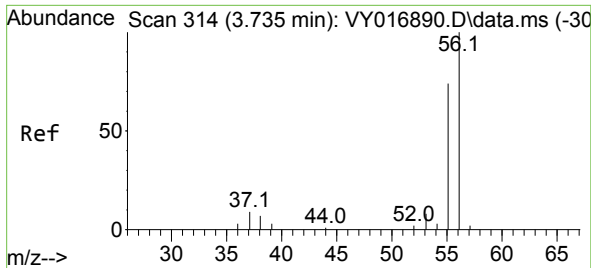
Tgt Ion: 59 Resp: 23954
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.0



#12
1,1-Dichloroethene
Concen: 49.358 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 96 Resp: 59155
Ion Ratio Lower Upper
96 100
61 158.4 124.2 186.2
98 61.9 52.6 79.0





#13

Acrolein

Concen: 224.372 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

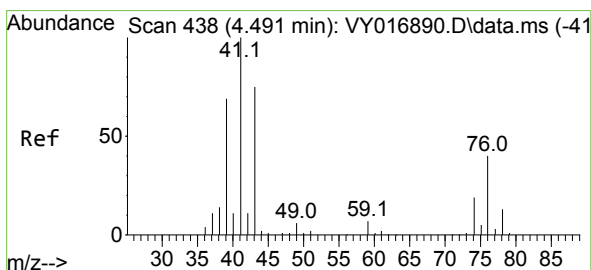
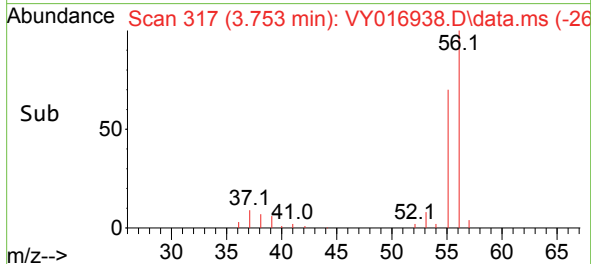
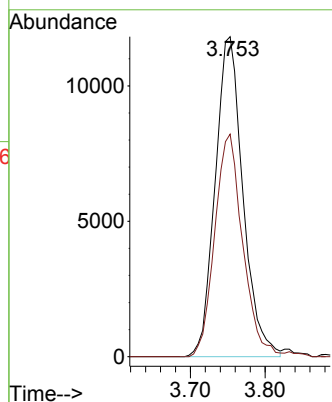
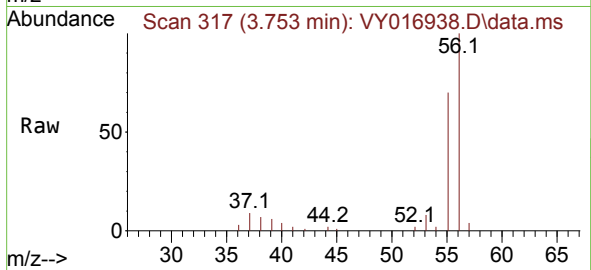
ClientSampleId :

Tgt Ion: 56 Resp: 30539

Ion Ratio Lower Upper

56 100

55 70.0 55.4 83.0



#14

Allyl chloride

Concen: 52.949 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

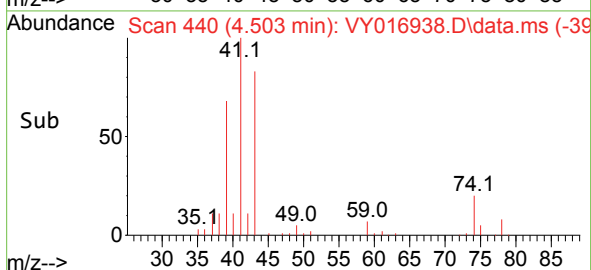
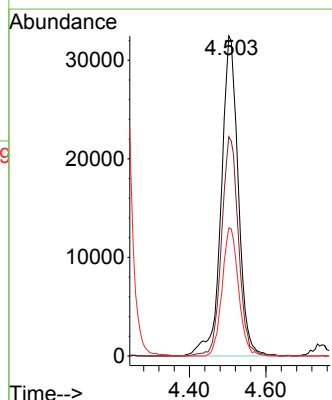
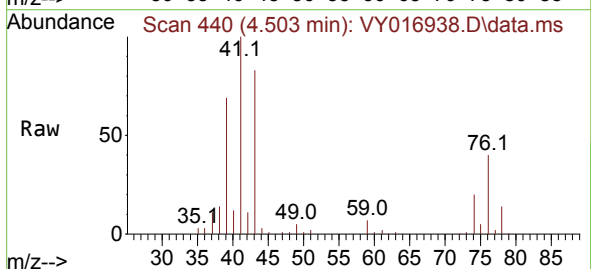
Tgt Ion: 41 Resp: 100321

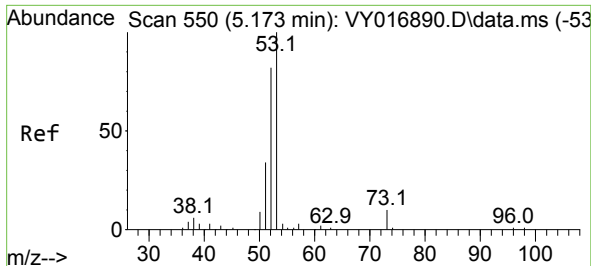
Ion Ratio Lower Upper

41 100

39 68.0 54.7 82.1

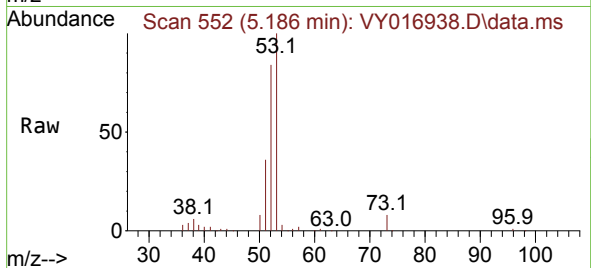
76 38.5 31.8 47.6



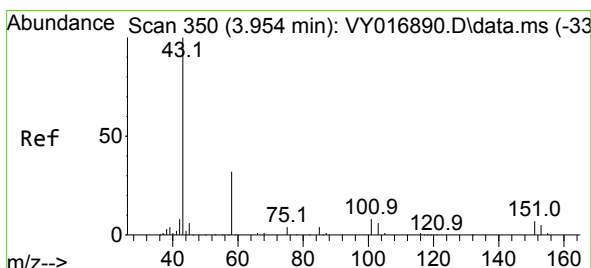
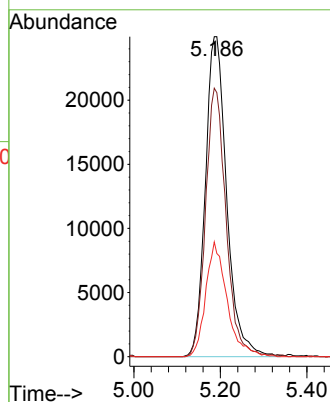
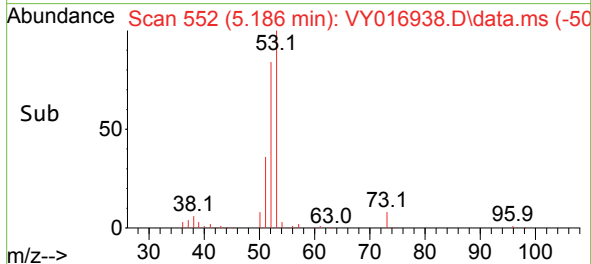


#15
Acrylonitrile
Concen: 266.258 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

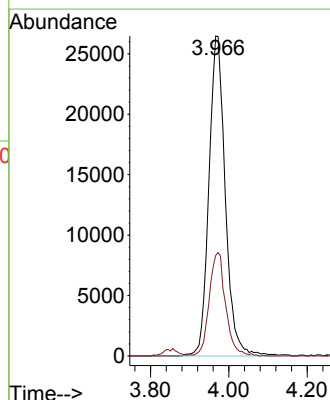
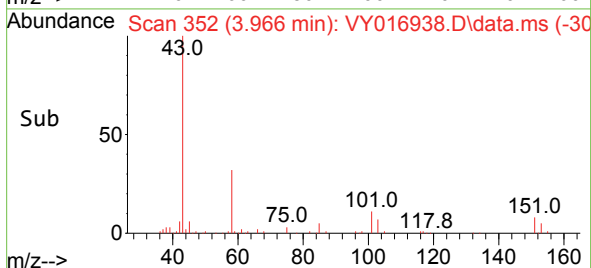
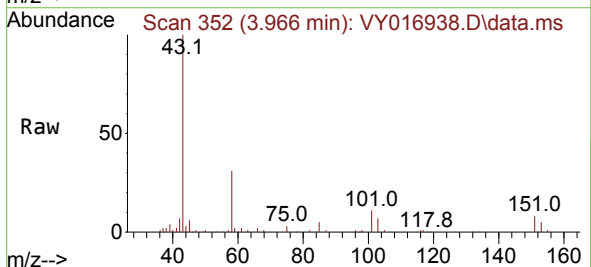


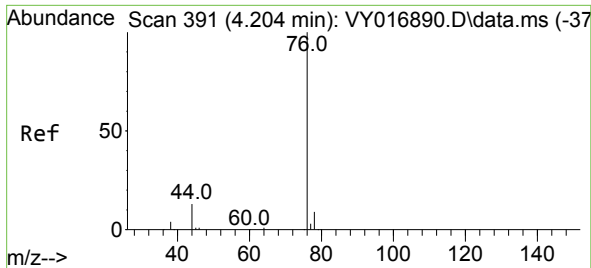
Tgt Ion: 53 Resp: 85504
Ion Ratio Lower Upper
53 100
52 80.5 65.1 97.7
51 35.8 29.0 43.4



#16
Acetone
Concen: 249.843 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 43 Resp: 76585
Ion Ratio Lower Upper
43 100
58 31.5 26.6 39.8

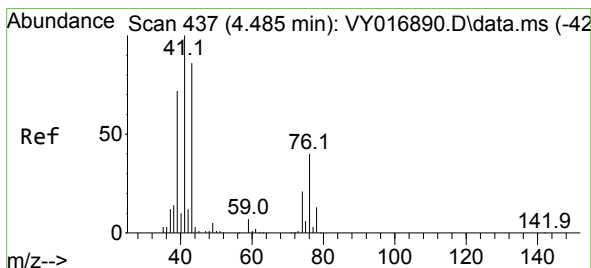
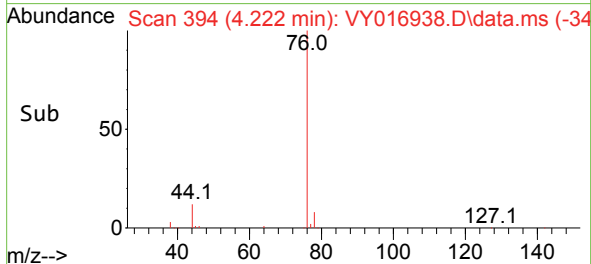
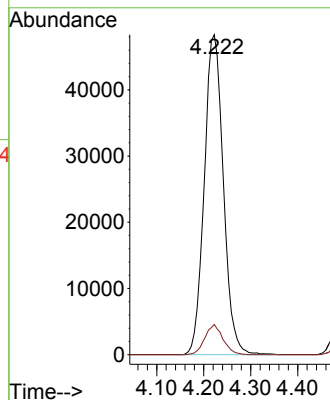
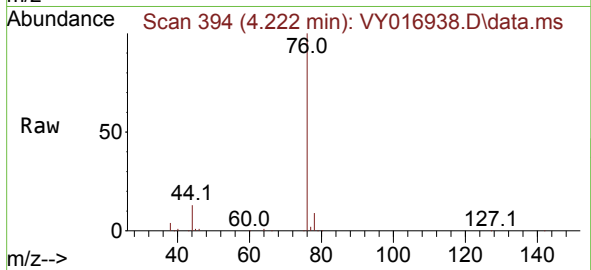




#17
Carbon Disulfide
Concen: 47.515 ug/l
RT: 4.222 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

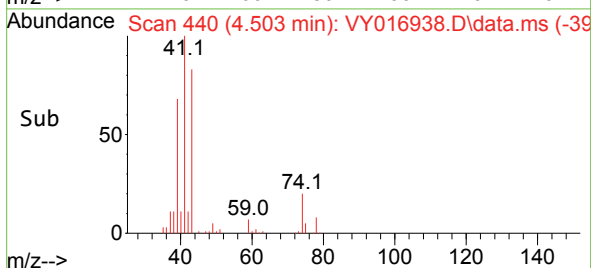
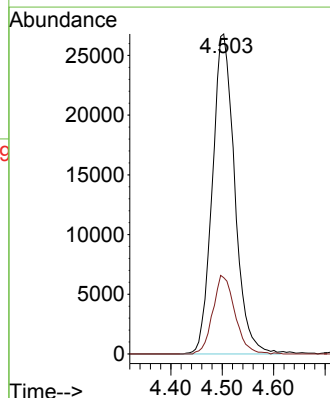
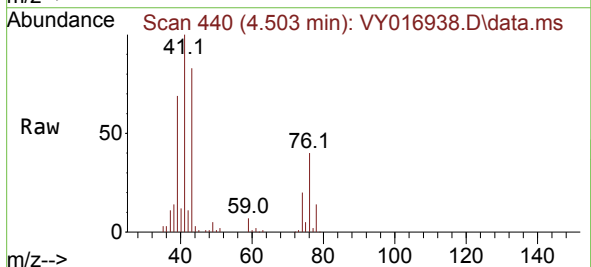
Instrument :
MSVOA_Y
ClientSampleId :

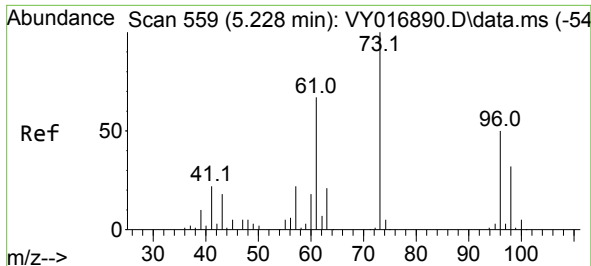
Tgt Ion: 76 Resp: 136068
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 60.659 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 43 Resp: 80823
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 55.092 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.013 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

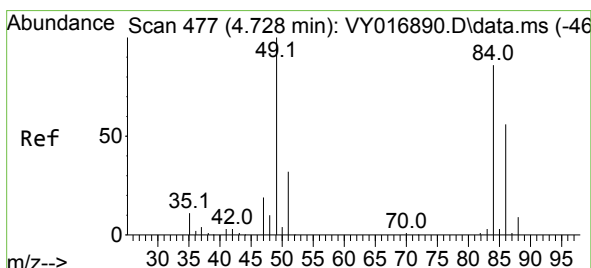
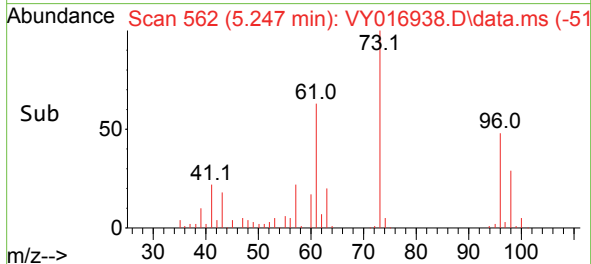
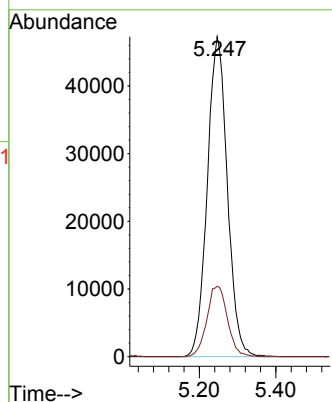
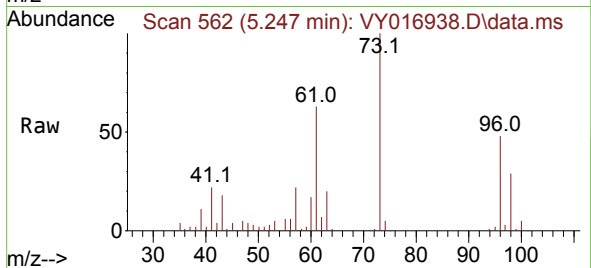
ClientSampleId :

Tgt Ion: 73 Resp: 171777

Ion Ratio Lower Upper

73 100

57 22.0 17.7 26.5



#20

Methylene Chloride

Concen: 51.671 ug/l

RT: 4.747 min Scan# 480

Delta R.T. 0.013 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Tgt Ion: 84 Resp: 82402

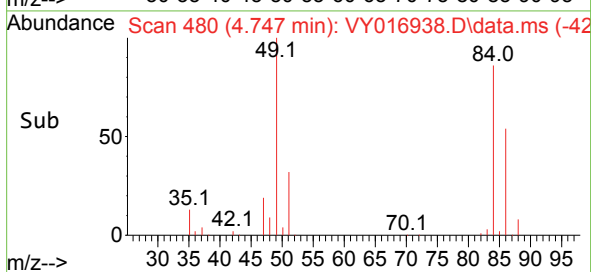
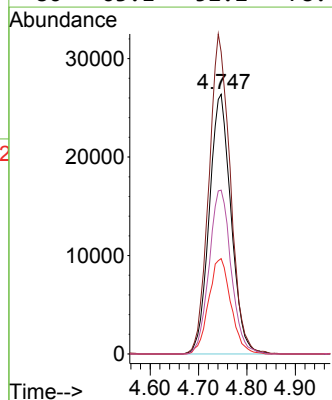
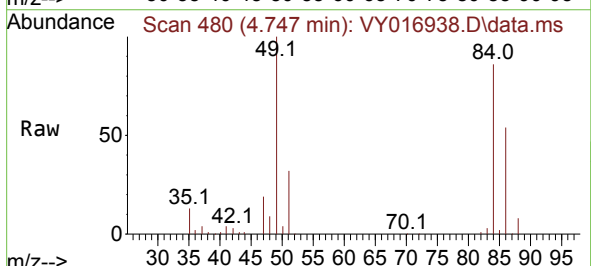
Ion Ratio Lower Upper

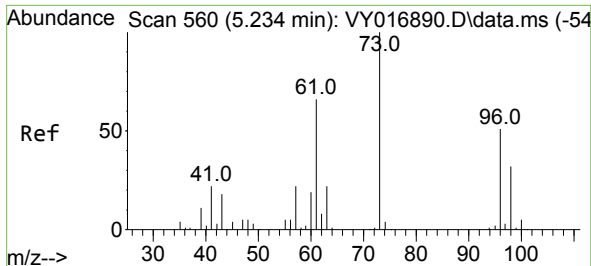
84 100

49 116.3 95.2 142.8

51 36.7 29.9 44.9

86 63.1 52.2 78.4

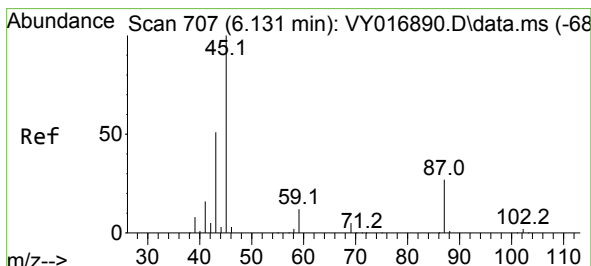
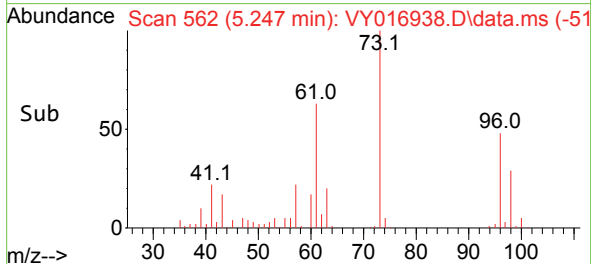
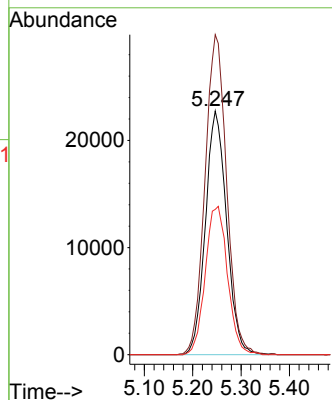
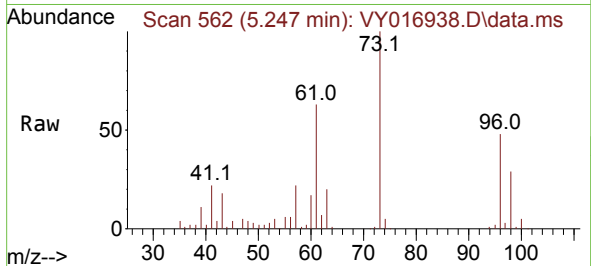




#21
trans-1,2-Dichloroethene
Concen: 50.505 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

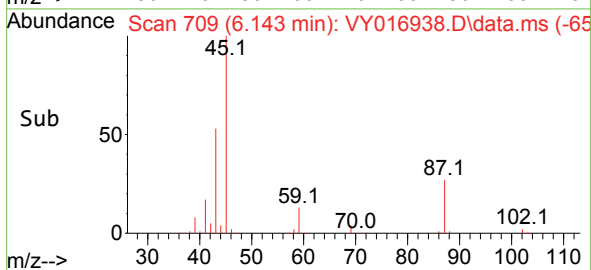
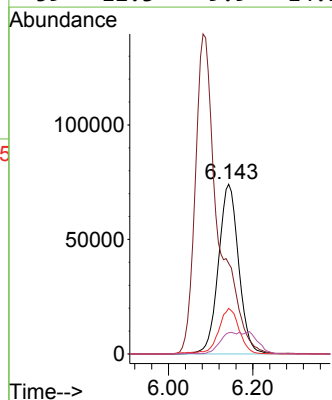
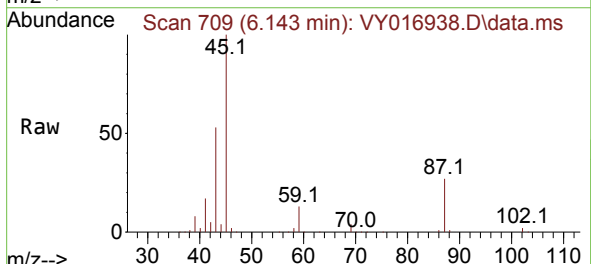
Instrument :
MSVOA_Y
ClientSampleId :

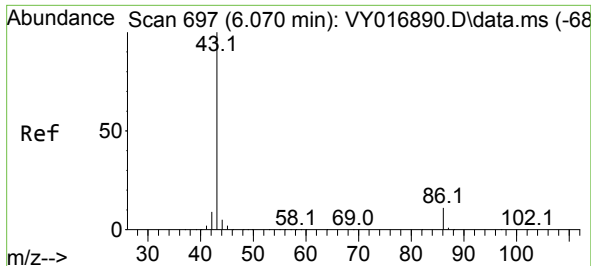
Tgt Ion: 96 Resp: 69325
Ion Ratio Lower Upper
96 100
61 131.3 104.6 156.8
98 59.6 50.9 76.3



#22
Diisopropyl ether
Concen: 56.158 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 45 Resp: 245988
Ion Ratio Lower Upper
45 100
43 53.0 46.8 70.2
87 26.9 22.2 33.2
59 12.3 9.9 14.9

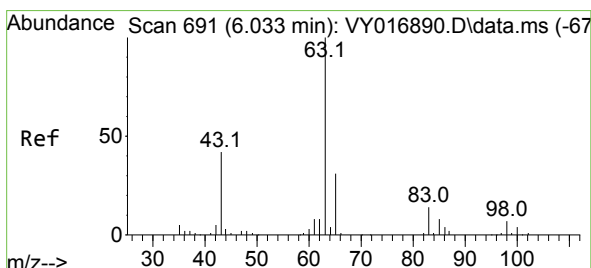
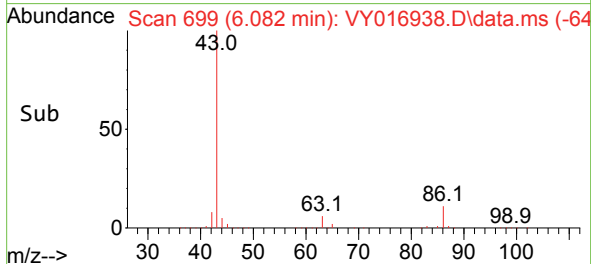
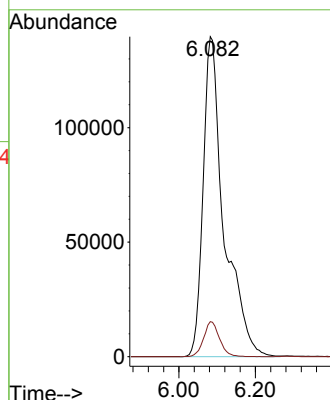
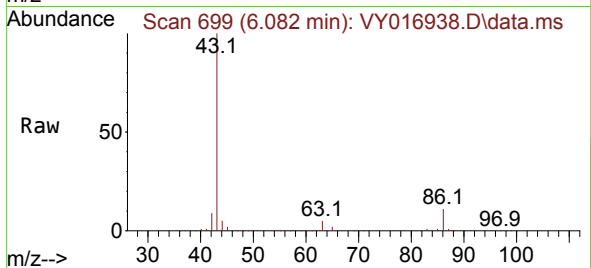




#23
 Vinyl Acetate
 Concen: 263.018 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016938.D
 Acq: 08 Jan 2024 17:15

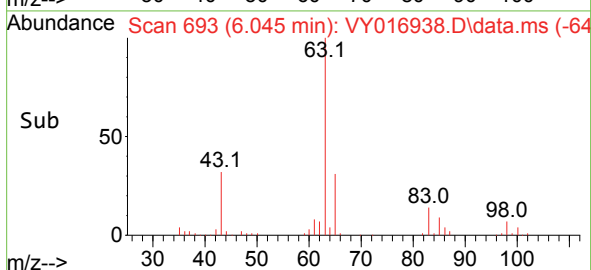
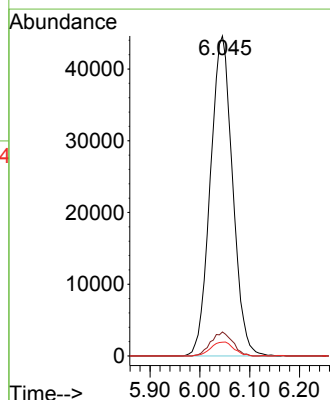
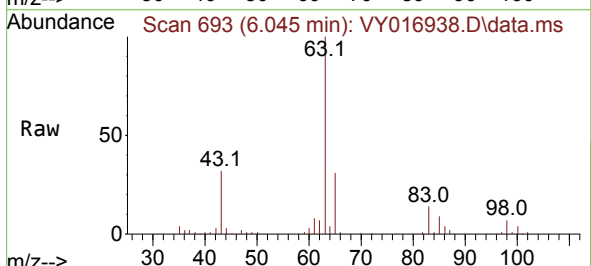
Instrument :
 MSVOA_Y
 ClientSampleId :

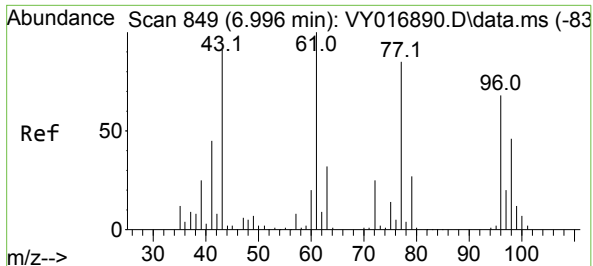
Tgt Ion: 43 Resp: 528261
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.561 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016938.D
 Acq: 08 Jan 2024 17:15

Tgt Ion: 63 Resp: 138353
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 264.803 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

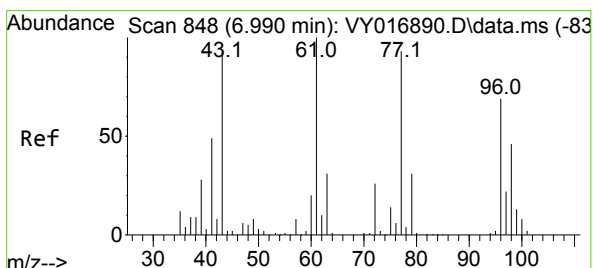
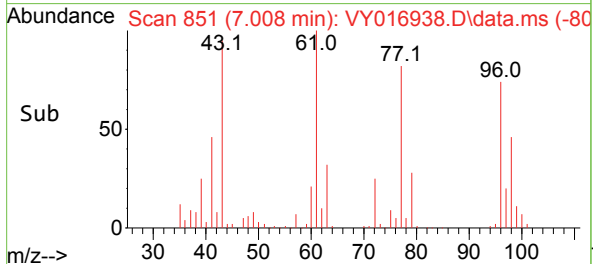
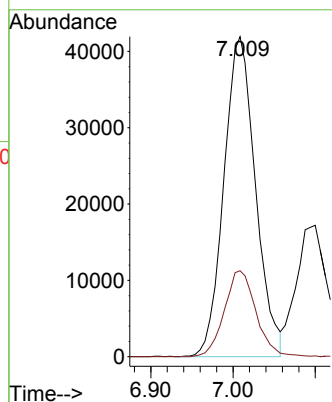
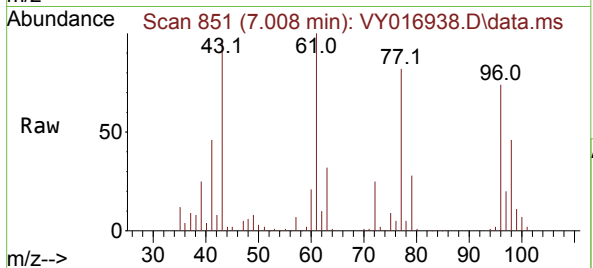
ClientSampleId :

Tgt Ion: 43 Resp: 112140

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 50.360 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016938.D

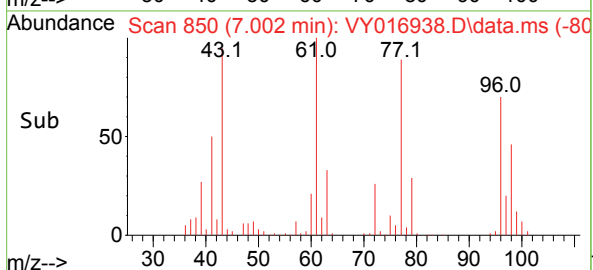
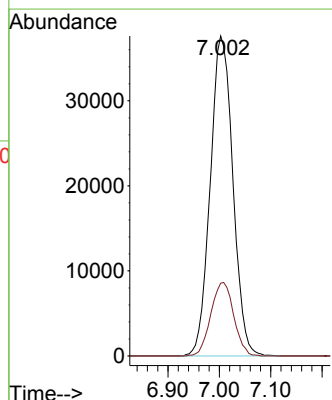
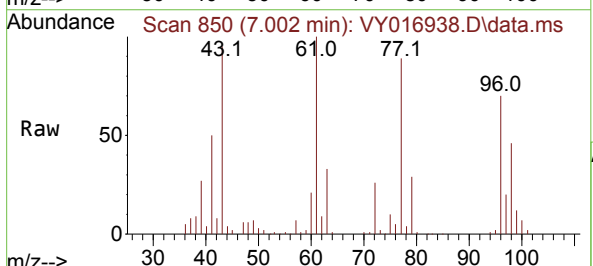
Acq: 08 Jan 2024 17:15

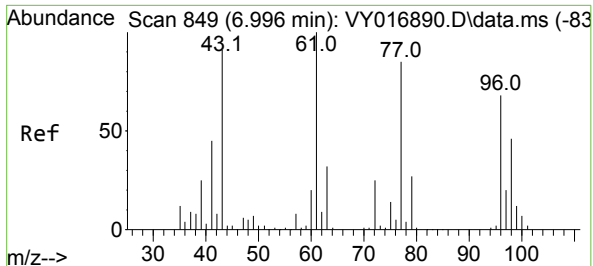
Tgt Ion: 77 Resp: 114935

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 54.213 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

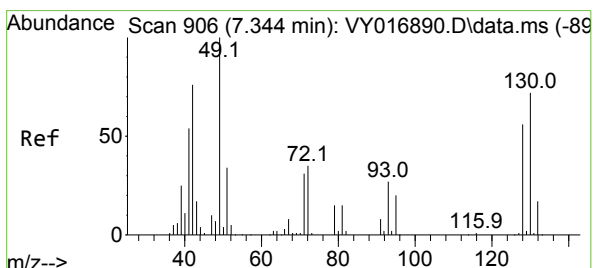
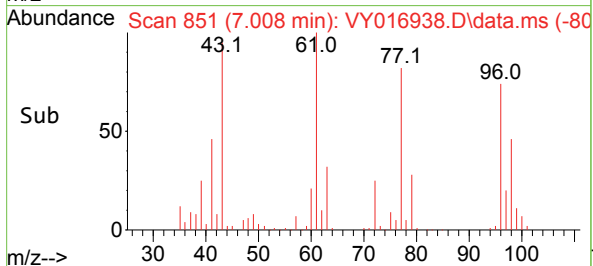
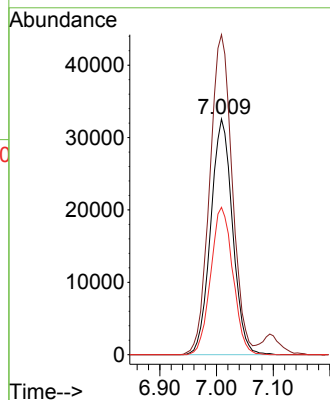
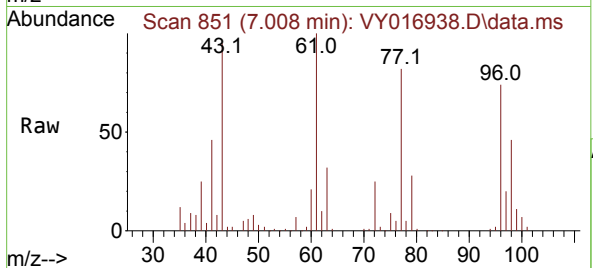
Tgt Ion: 96 Resp: 87231

Ion Ratio Lower Upper

96 100

61 139.6 0.0 278.8

98 63.4 0.0 127.0



#28

Bromochloromethane

Concen: 56.163 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

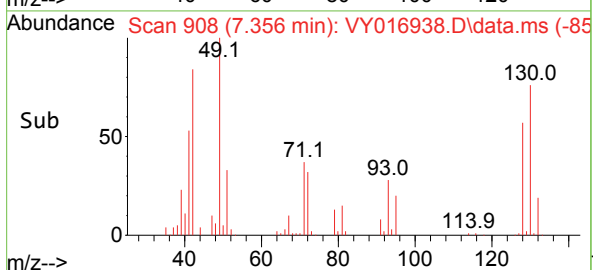
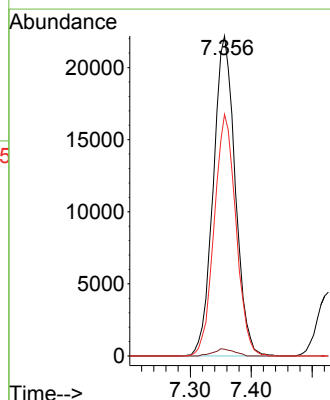
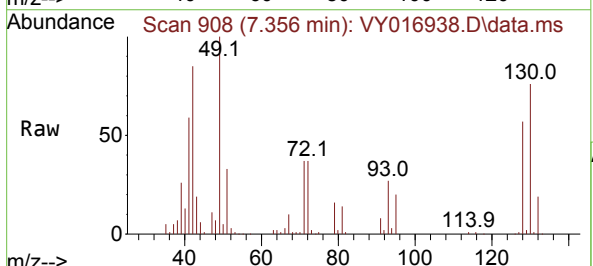
Tgt Ion: 49 Resp: 55500

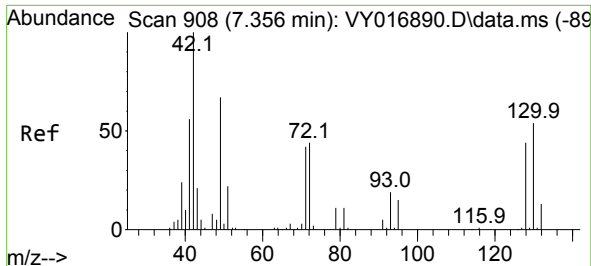
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 74.9 59.8 89.8

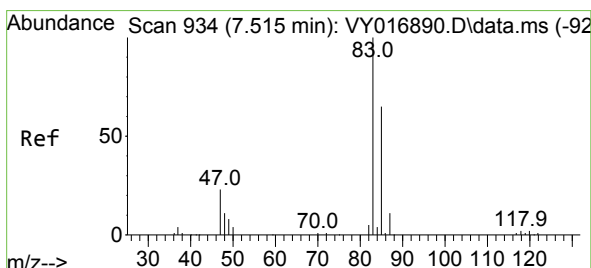
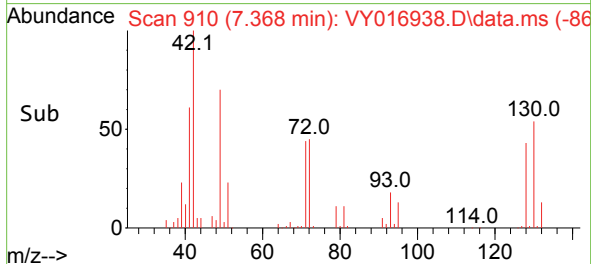
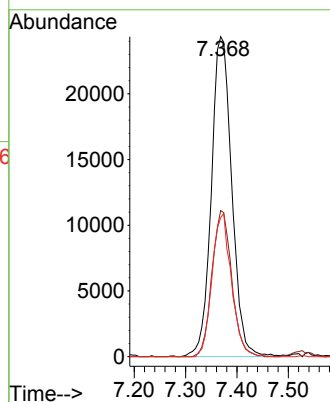
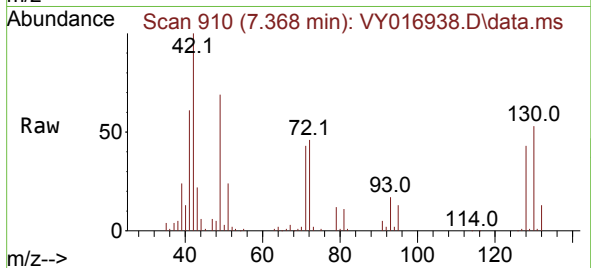




#29
Tetrahydrofuran
Concen: 267.839 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

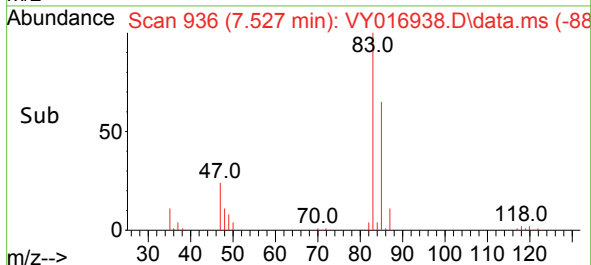
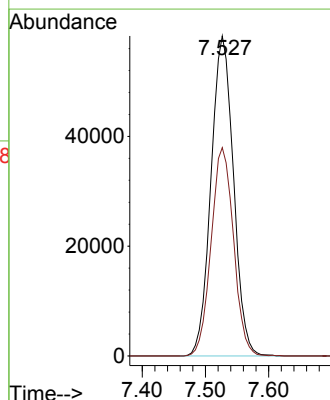
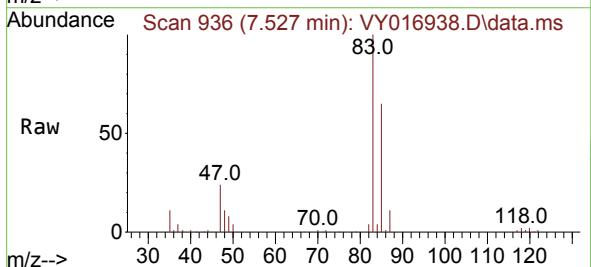
Instrument :
MSVOA_Y
ClientSampleId :

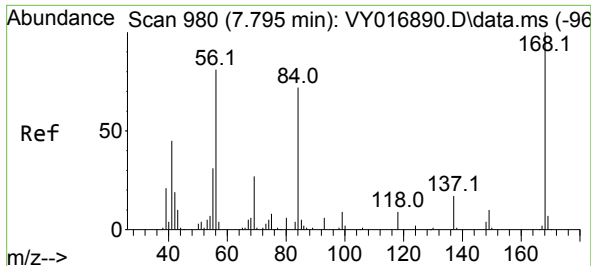
Tgt Ion: 42 Resp: 67418
Ion Ratio Lower Upper
42 100
72 44.1 36.6 54.8
71 42.2 33.8 50.6



#30
Chloroform
Concen: 52.932 ug/l
RT: 7.527 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

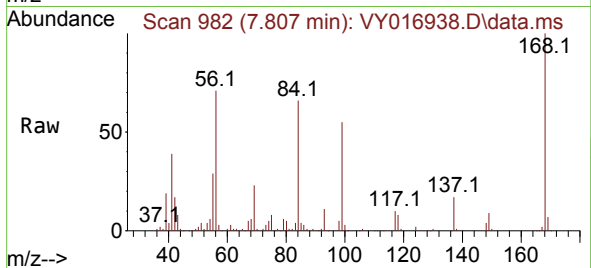
Tgt Ion: 83 Resp: 143581
Ion Ratio Lower Upper
83 100
85 65.1 51.2 76.8



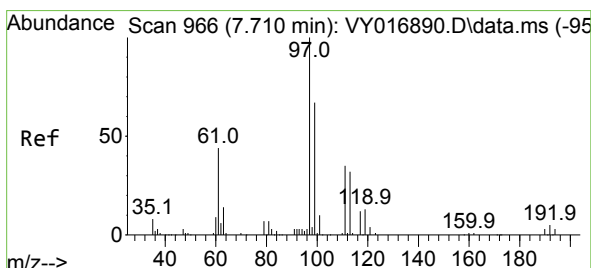
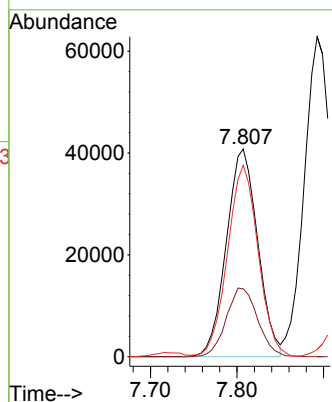
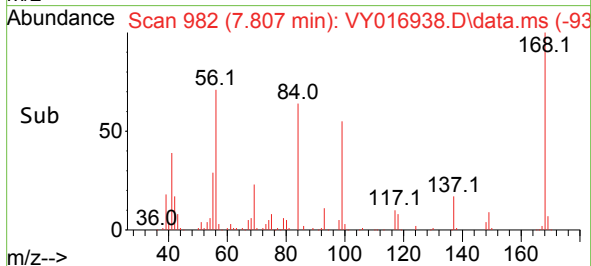


#31
Cyclohexane
Concen: 48.072 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

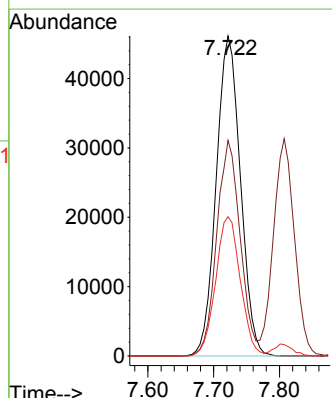
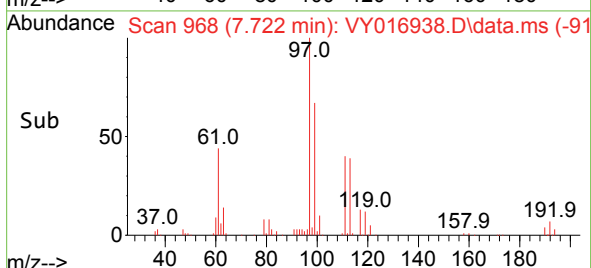
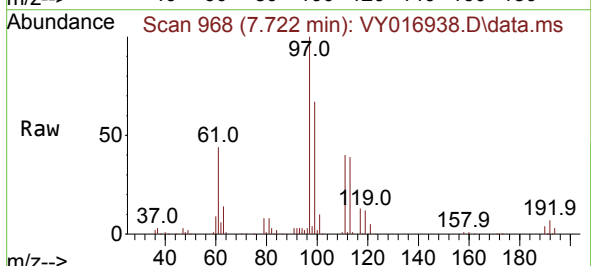


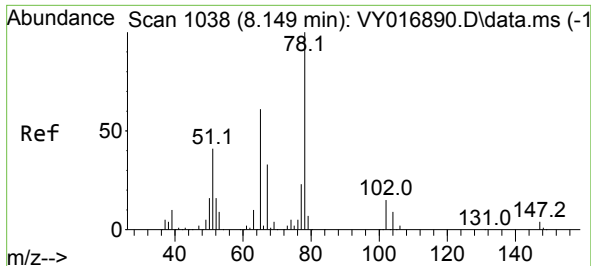
Tgt Ion: 56 Resp: 102611
Ion Ratio Lower Upper
56 100
69 32.6 27.0 40.6
84 90.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 51.389 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 97 Resp: 118195
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 44.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.885 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

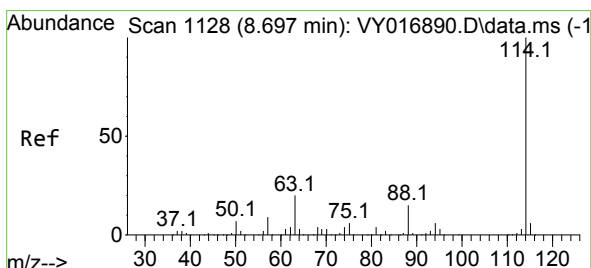
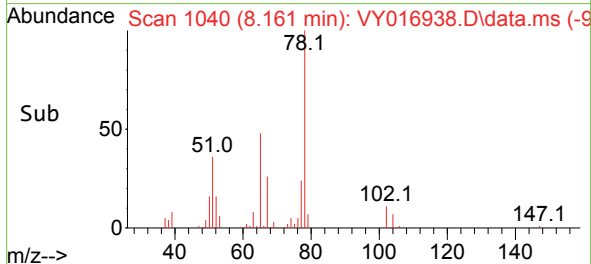
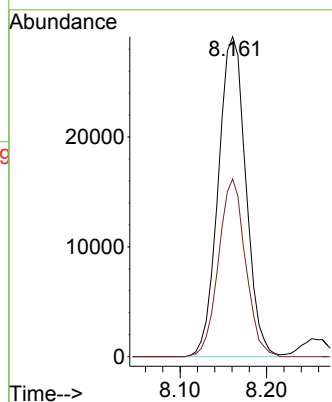
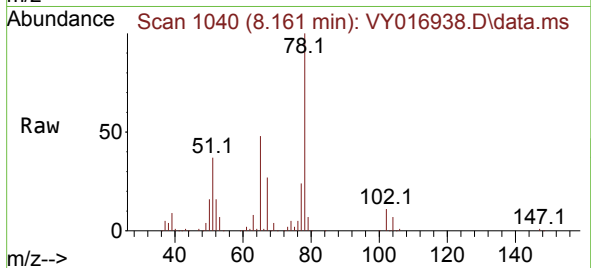
ClientSampleId :

Tgt Ion: 65 Resp: 64527

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

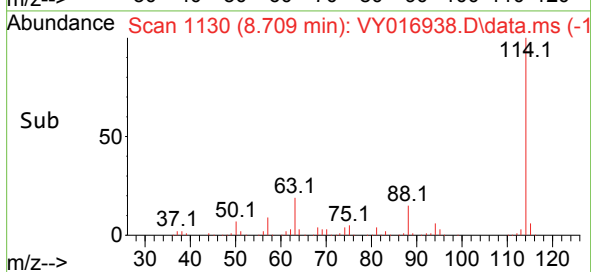
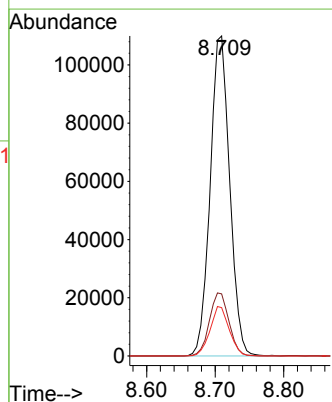
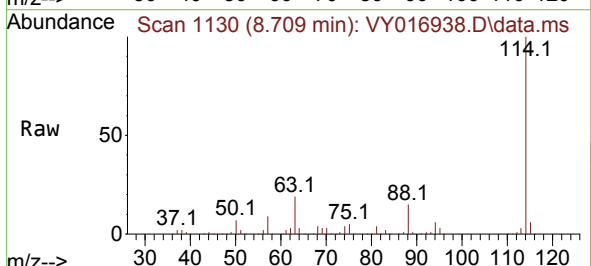
Tgt Ion: 114 Resp: 217750

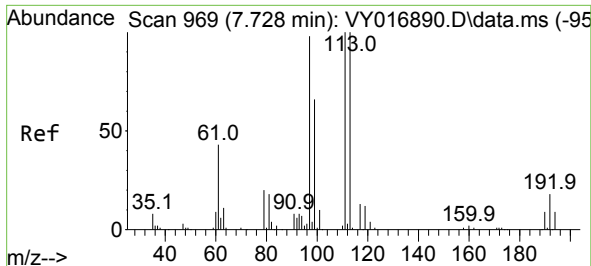
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

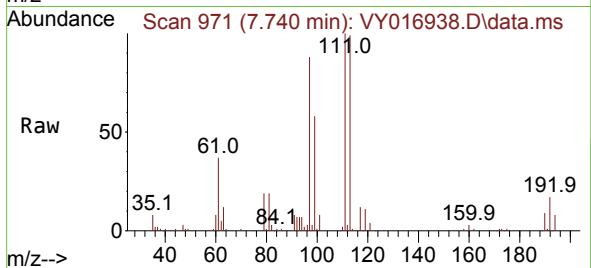
88 15.1 0.0 29.0



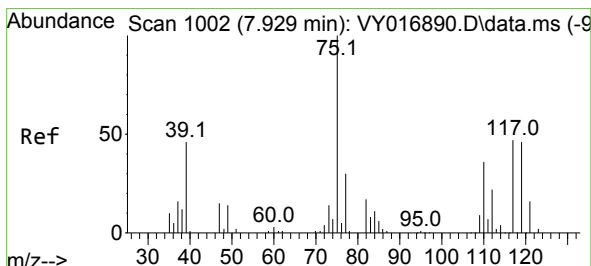
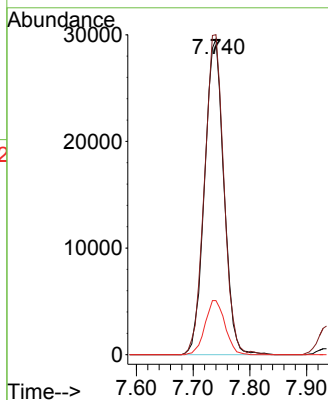
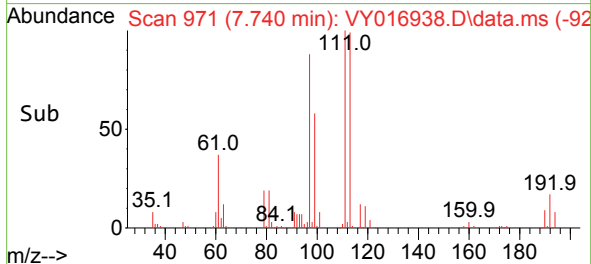


#35
Dibromofluoromethane
Concen: 50.220 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

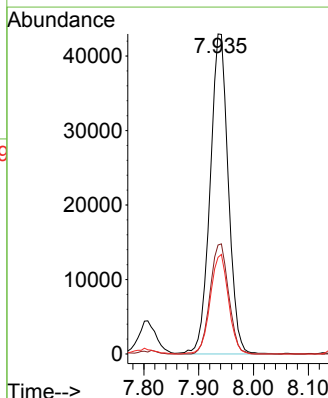
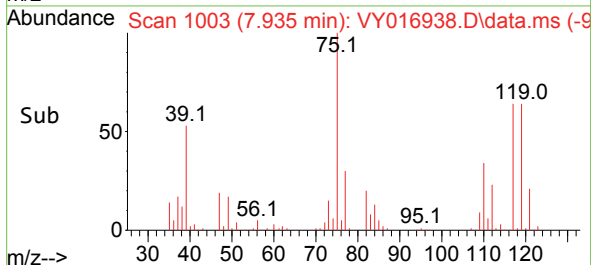
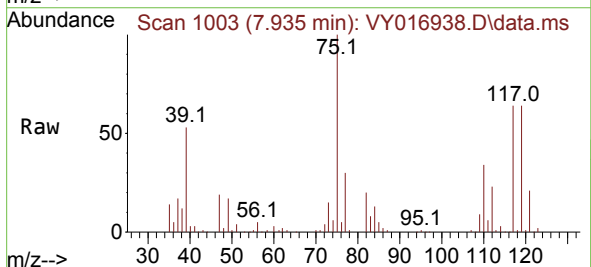


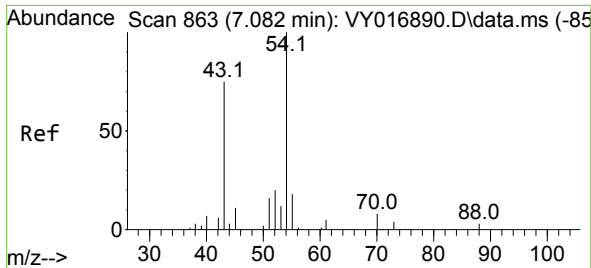
Tgt Ion:113 Resp: 69685
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 48.813 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 75 Resp: 98710
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.3 24.7 37.1

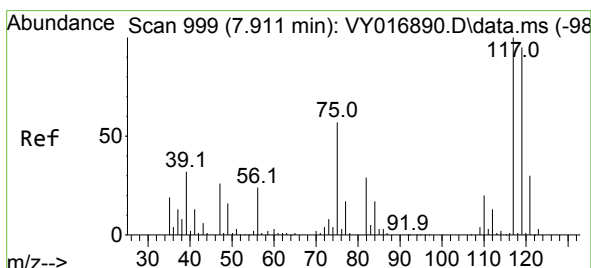
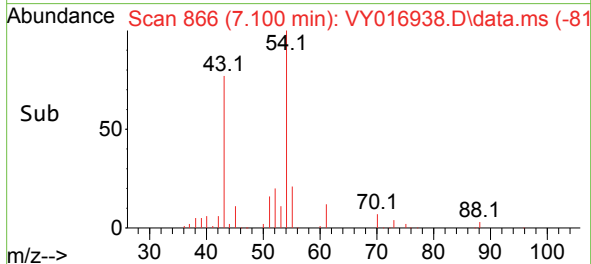
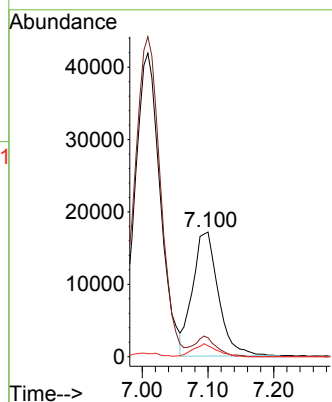
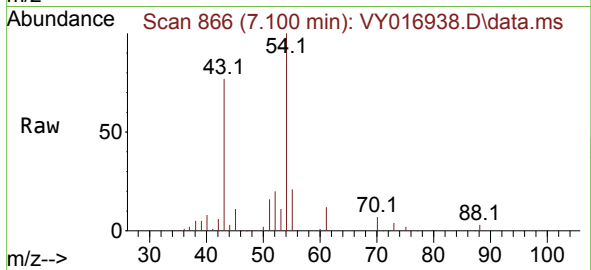




#37
Ethyl Acetate
Concen: 50.836 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

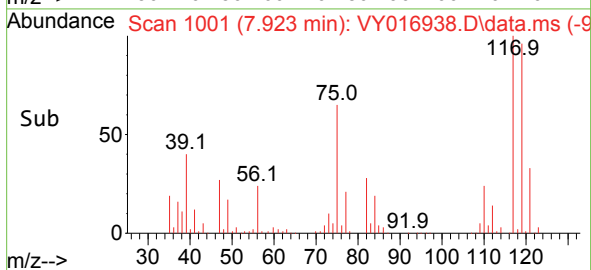
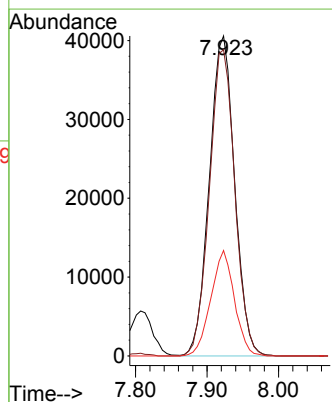
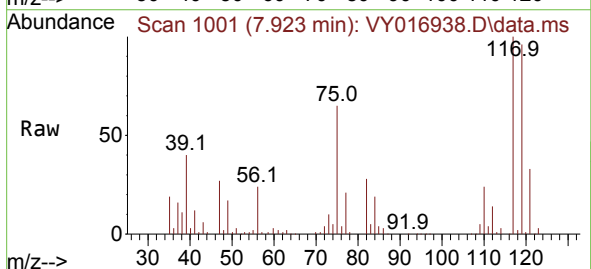
Instrument :
MSVOA_Y
ClientSampleId :

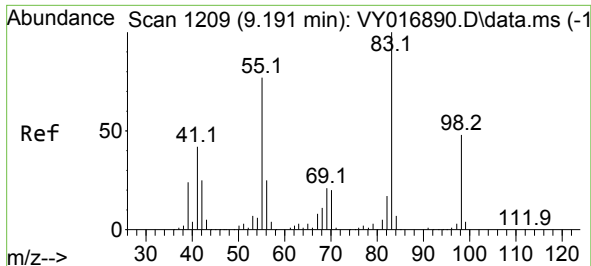
Tgt Ion: 43 Resp: 46717
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 9.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 48.567 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 117 Resp: 99783
Ion Ratio Lower Upper
117 100
119 95.7 76.0 114.0
121 32.9 24.2 36.2





#39

Methylcyclohexane

Concen: 49.981 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

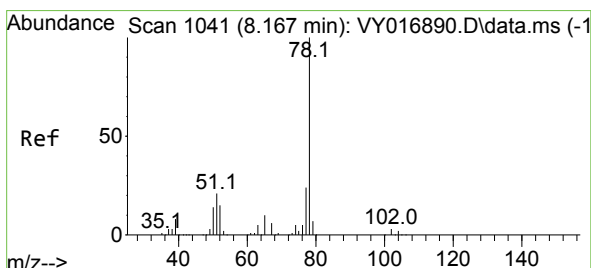
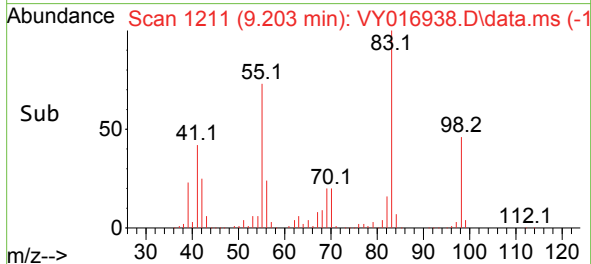
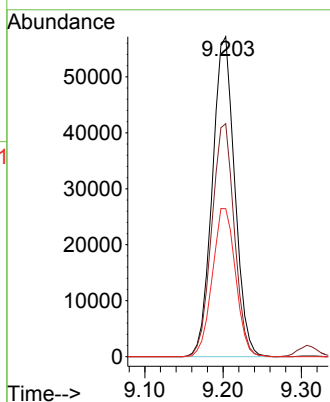
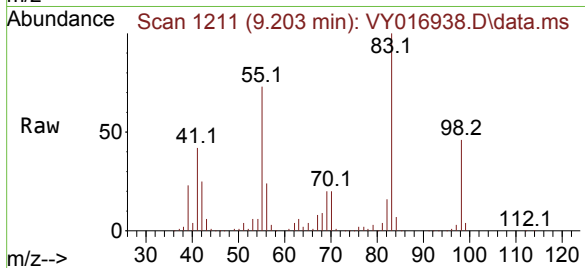
Tgt Ion: 83 Resp: 113624

Ion Ratio Lower Upper

83 100

55 72.8 59.7 89.5

98 46.3 38.0 57.0



#40

Benzene

Concen: 50.843 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016938.D

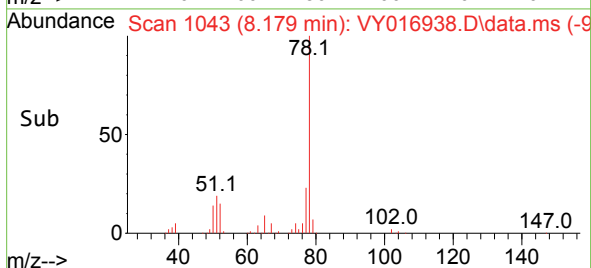
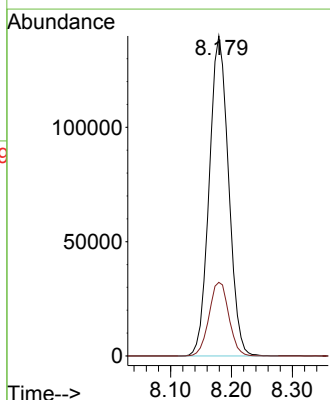
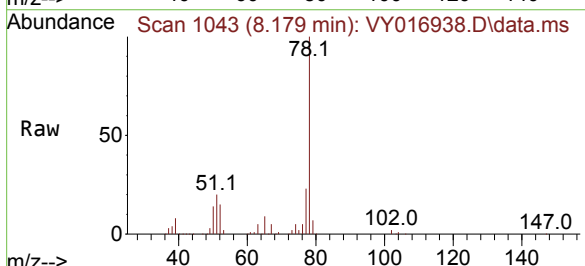
Acq: 08 Jan 2024 17:15

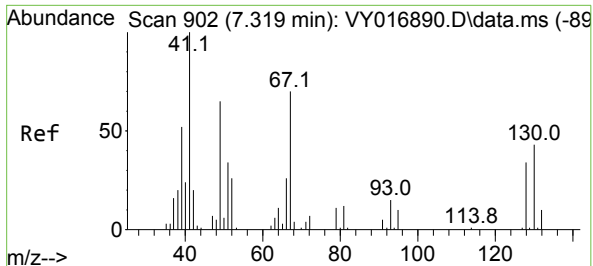
Tgt Ion: 78 Resp: 308422

Ion Ratio Lower Upper

78 100

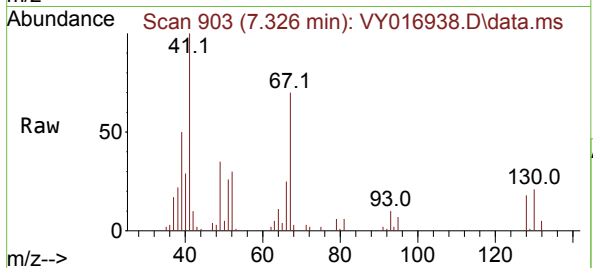
77 23.0 18.8 28.2



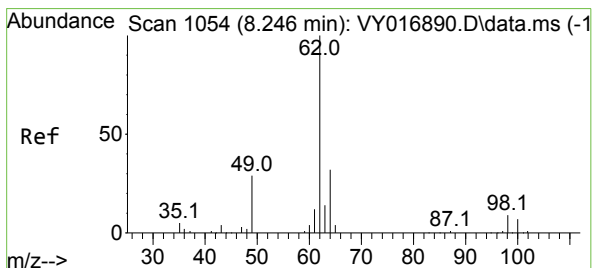
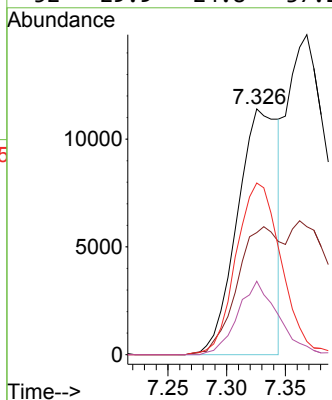
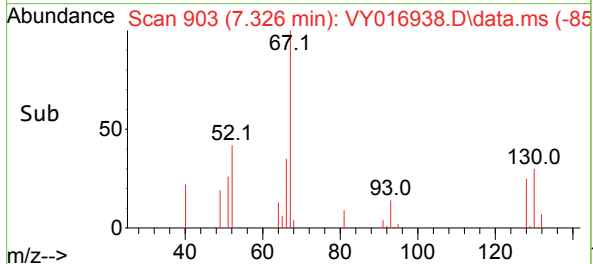


#41
Methacrylonitrile
Concen: 56.978 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

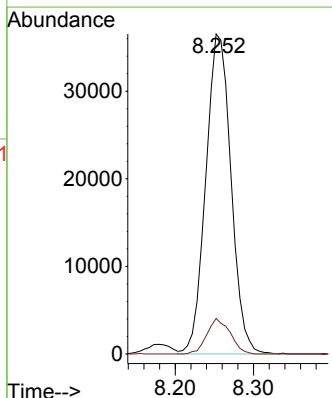
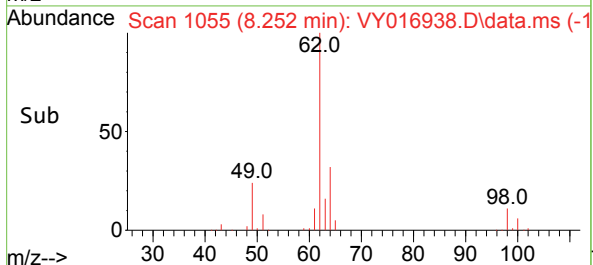
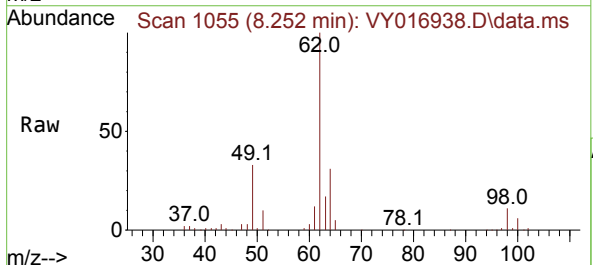


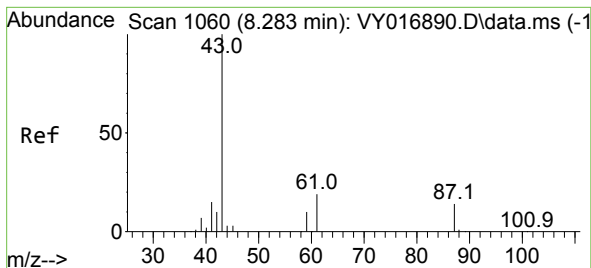
Tgt Ion:	41	Resp:	27577
Ion	Ratio	Lower	Upper
41	100		
39	58.7	41.9	62.9
67	77.4	59.8	89.6
52	29.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 50.792 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion:	62	Resp:	81797
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 51.683 ug/l

RT: 8.289 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

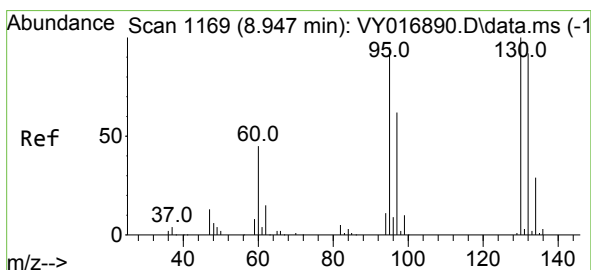
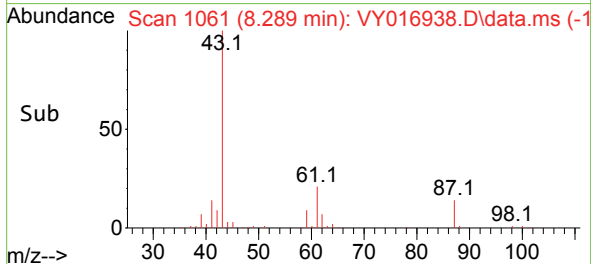
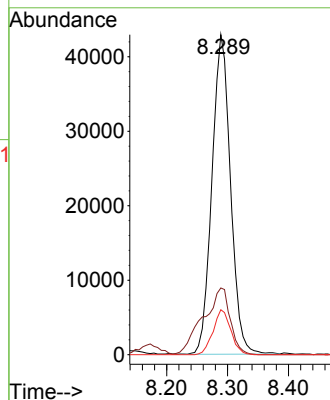
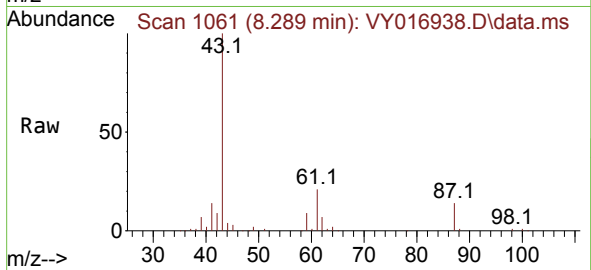
Tgt Ion: 43 Resp: 90953

Ion Ratio Lower Upper

43 100

61 30.4 24.8 37.2

87 13.4 10.7 16.1



#44

Trichloroethene

Concen: 50.496 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.012 min

Lab File: VY016938.D

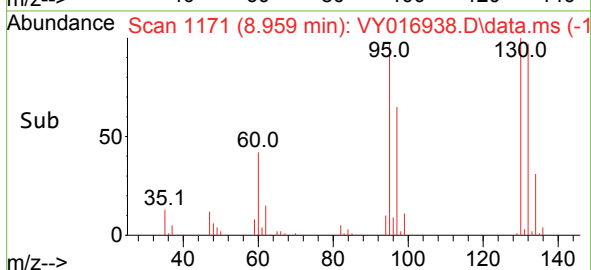
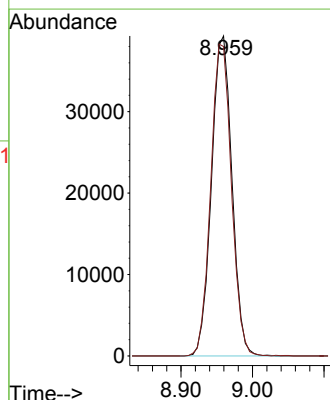
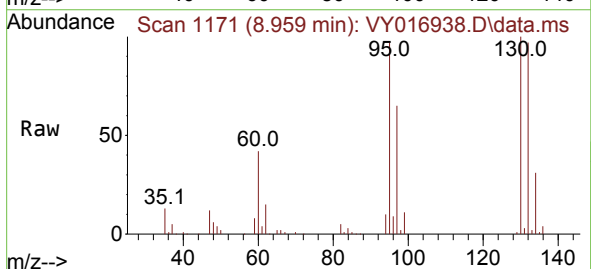
Acq: 08 Jan 2024 17:15

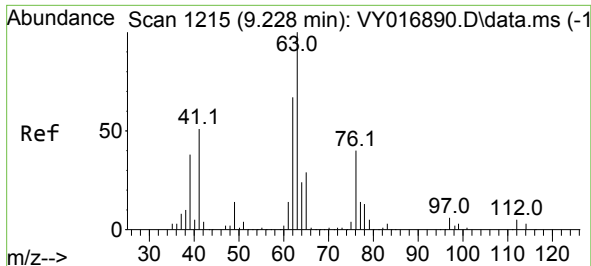
Tgt Ion:130 Resp: 77945

Ion Ratio Lower Upper

130 100

95 96.7 0.0 203.8

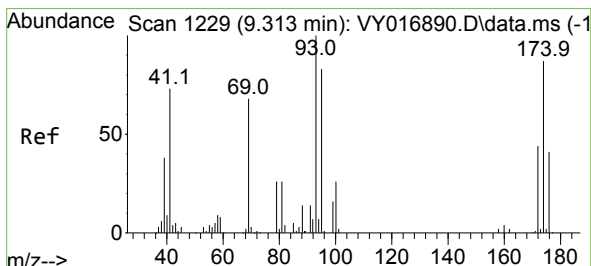
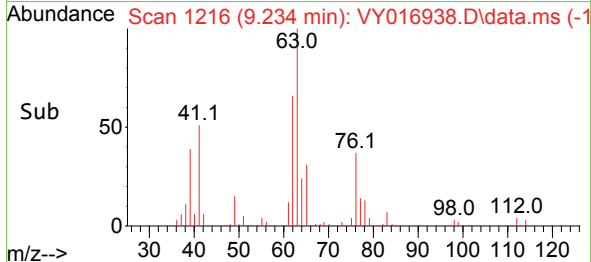
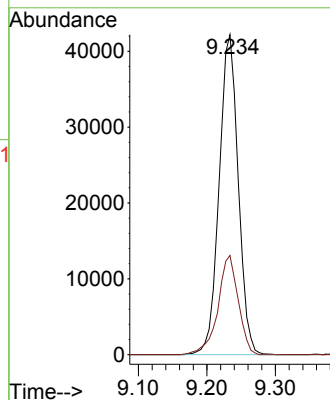
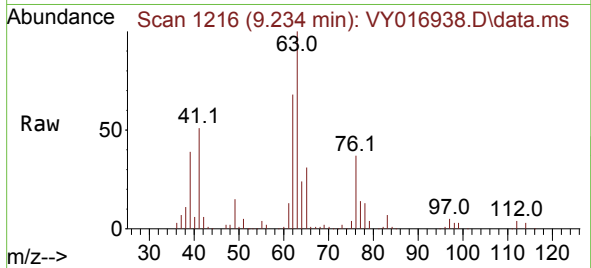




#45
1,2-Dichloropropane
Concen: 52.032 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

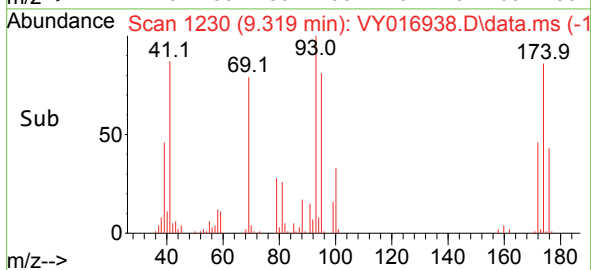
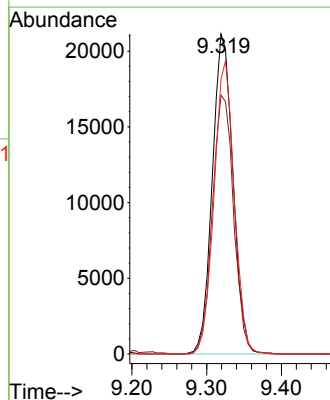
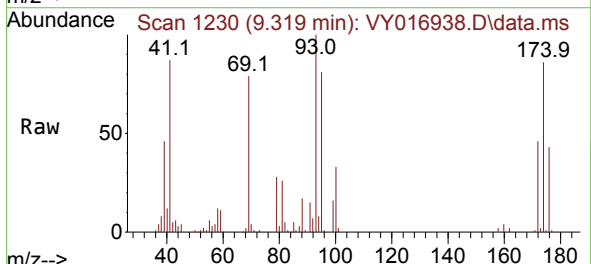
Instrument :
MSVOA_Y
ClientSampleId :

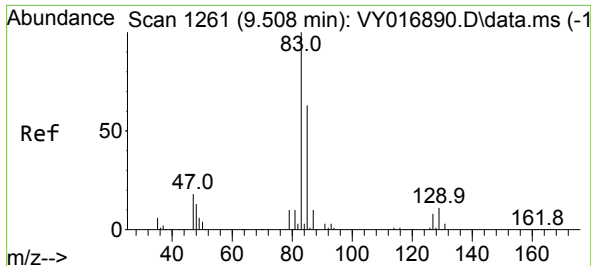
Tgt Ion: 63 Resp: 81316
Ion Ratio Lower Upper
63 100
65 31.0 24.6 36.8



#46
Dibromomethane
Concen: 50.924 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 93 Resp: 40588
Ion Ratio Lower Upper
93 100
95 83.4 66.6 99.8
174 89.7 73.8 110.6

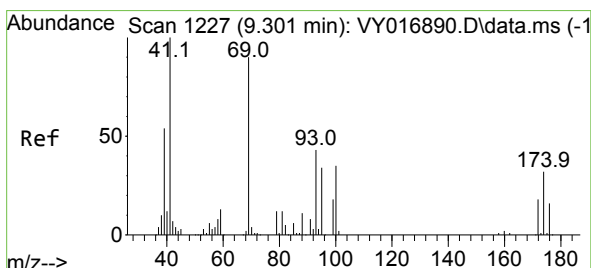
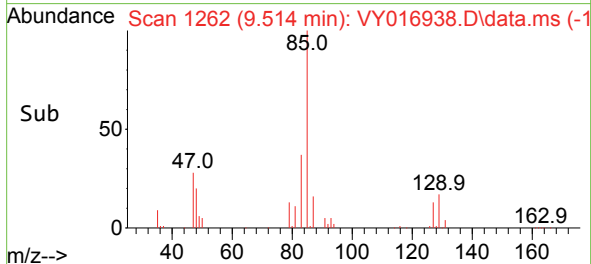
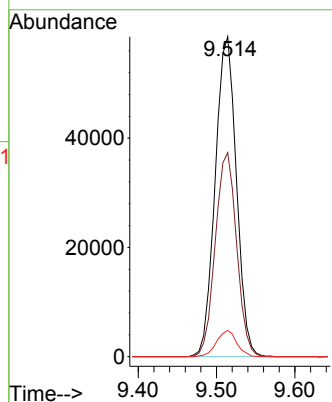
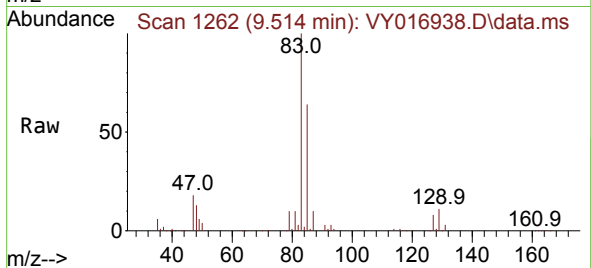




#47
Bromodichloromethane
Concen: 51.503 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

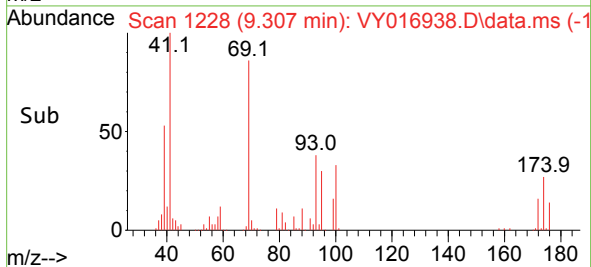
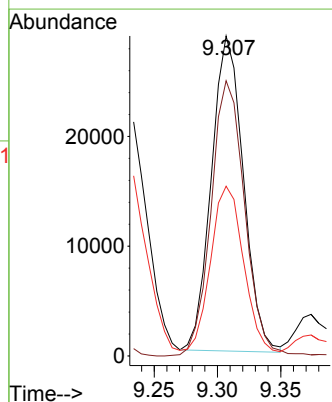
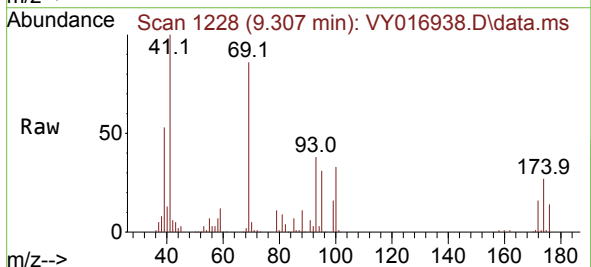
Instrument :
MSVOA_Y
ClientSampleId :

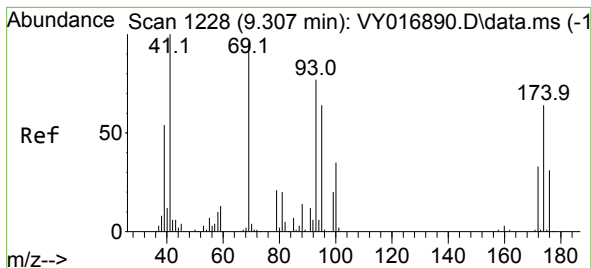
Tgt Ion: 83 Resp: 110231
Ion Ratio Lower Upper
83 100
85 63.7 53.2 79.8
127 8.2 6.4 9.6



#48
Methyl methacrylate
Concen: 53.224 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 41 Resp: 50548
Ion Ratio Lower Upper
41 100
69 92.0 72.1 108.1
39 57.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1014.827 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

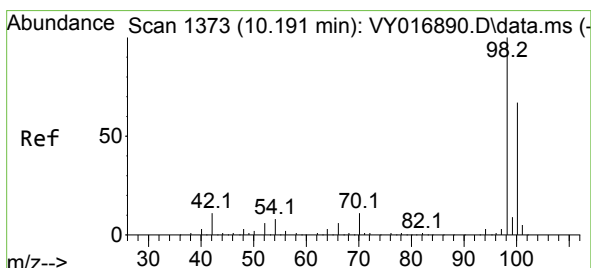
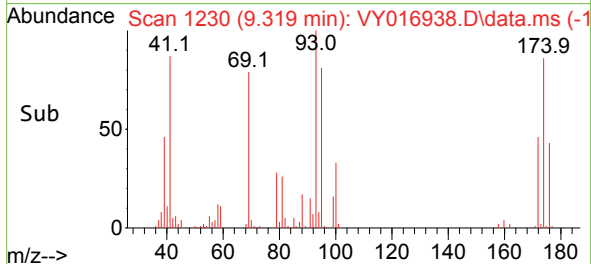
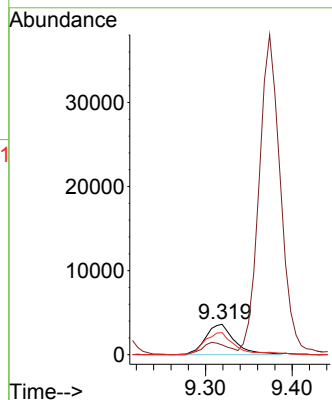
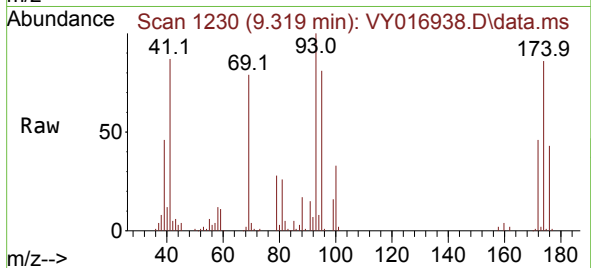
Tgt Ion: 88 Resp: 8375

Ion Ratio Lower Upper

88 100

43 37.7 28.2 42.4

58 77.5 52.2 78.2



#50

Toluene-d8

Concen: 50.753 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016938.D

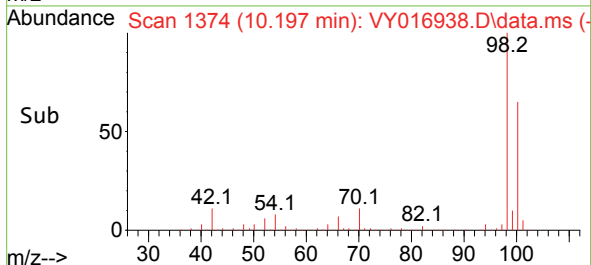
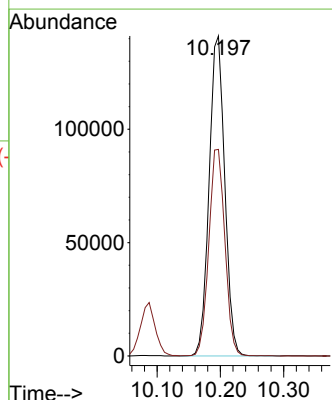
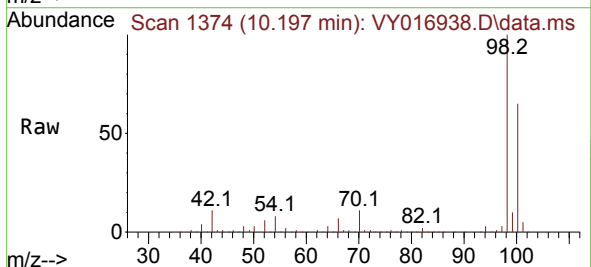
Acq: 08 Jan 2024 17:15

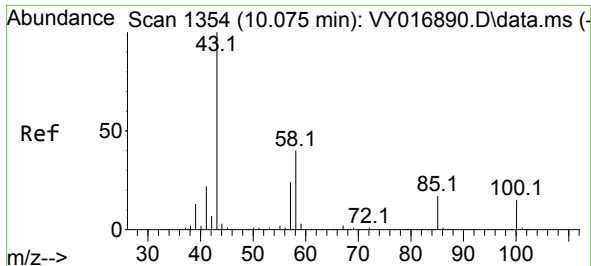
Tgt Ion: 98 Resp: 242508

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 265.484 ug/l

RT: 10.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

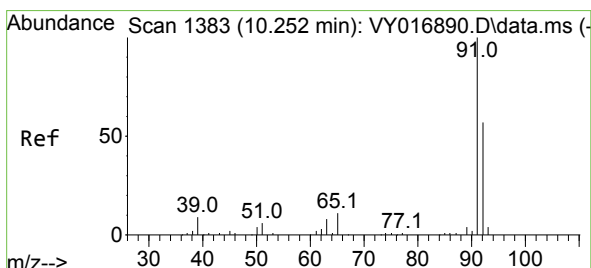
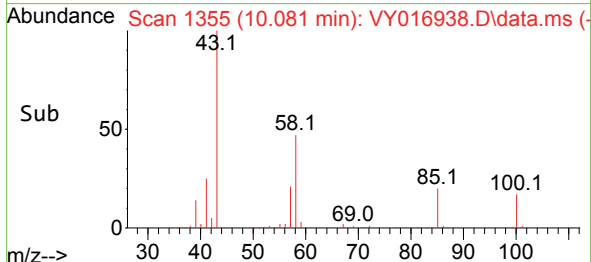
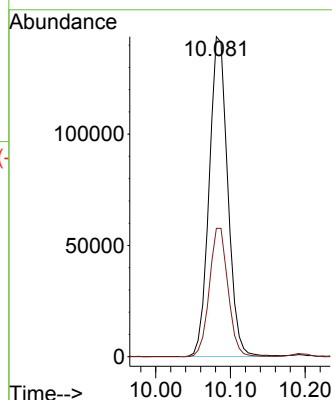
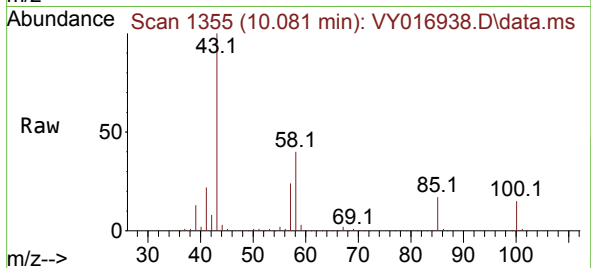
ClientSampleId :

Tgt Ion: 43 Resp: 248467

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.2



#52

Toluene

Concen: 51.679 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016938.D

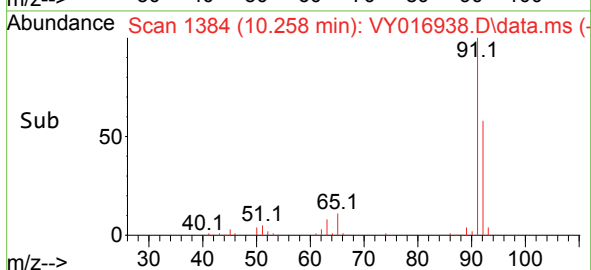
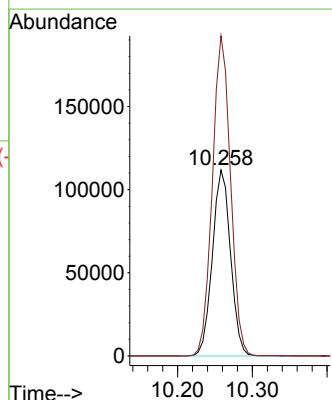
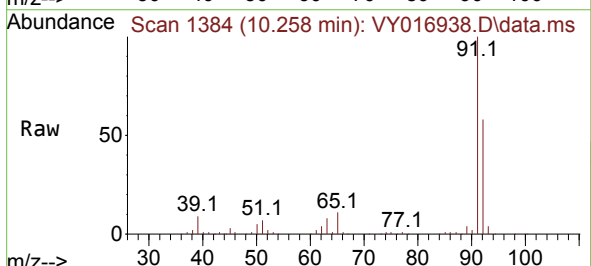
Acq: 08 Jan 2024 17:15

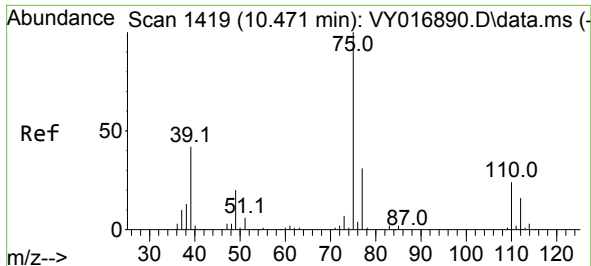
Tgt Ion: 92 Resp: 189195

Ion Ratio Lower Upper

92 100

91 172.5 137.6 206.4

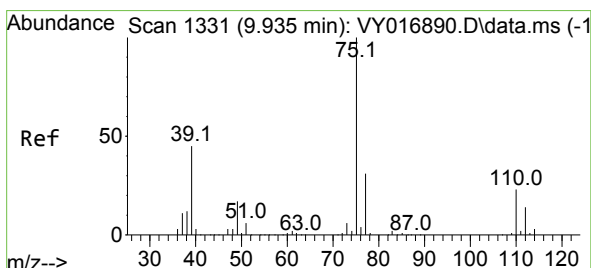
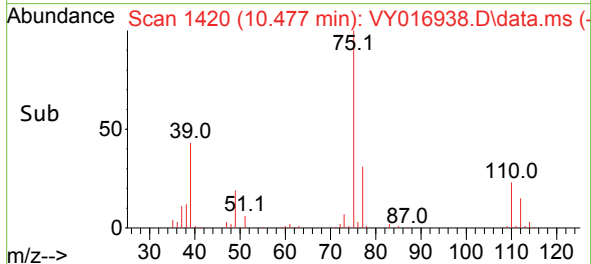
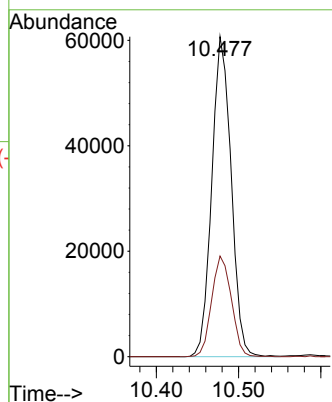
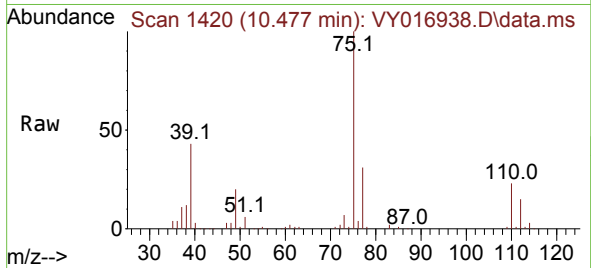




#53
 t-1,3-Dichloropropene
 Concen: 51.717 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016938.D
 Acq: 08 Jan 2024 17:15

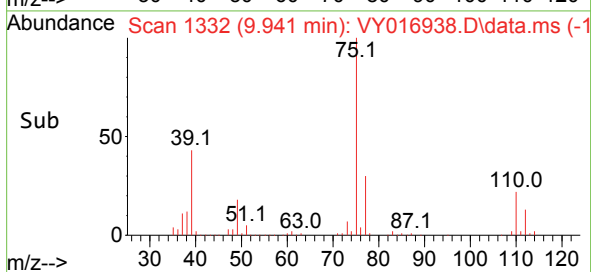
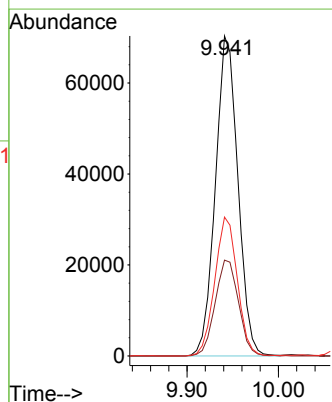
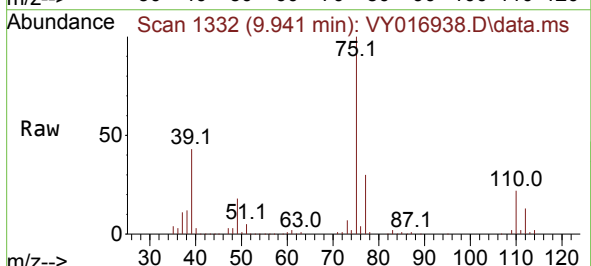
Instrument :
 MSVOA_Y
 ClientSampleId :

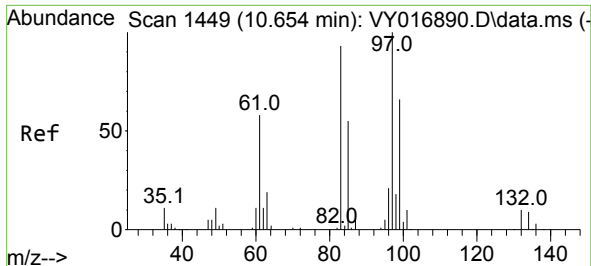
Tgt Ion: 75 Resp: 99148
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.347 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016938.D
 Acq: 08 Jan 2024 17:15

Tgt Ion: 75 Resp: 120519
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.6 36.8
 39 43.4 33.6 50.4

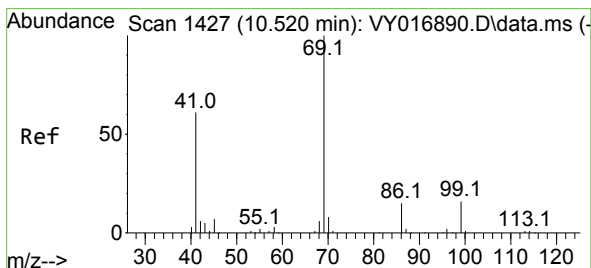
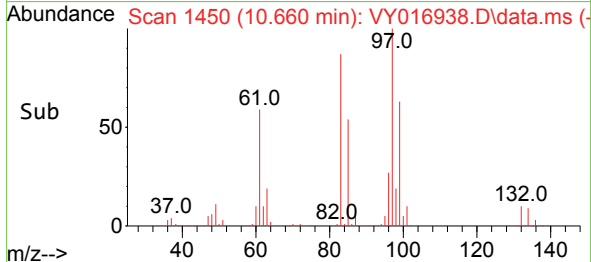
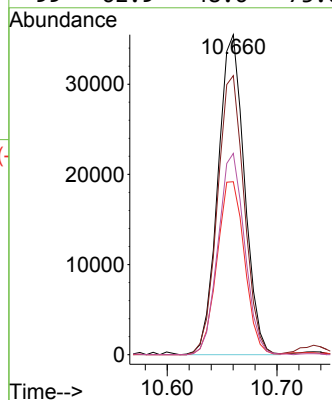
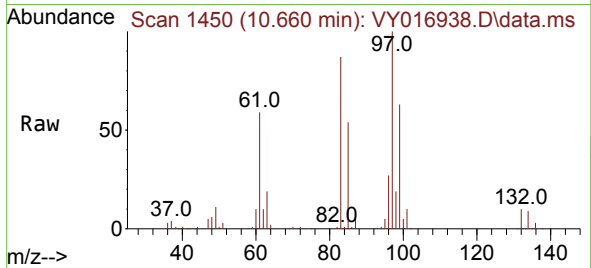




#55
1,1,2-Trichloroethane
Concen: 51.280 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

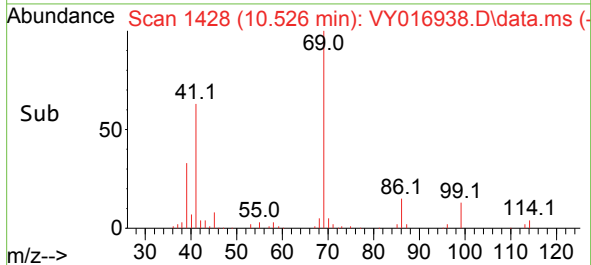
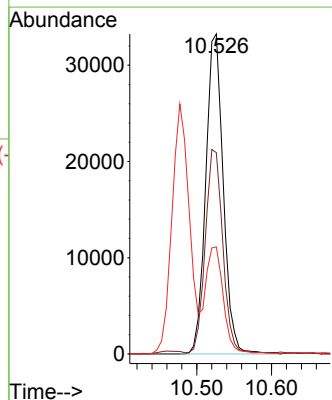
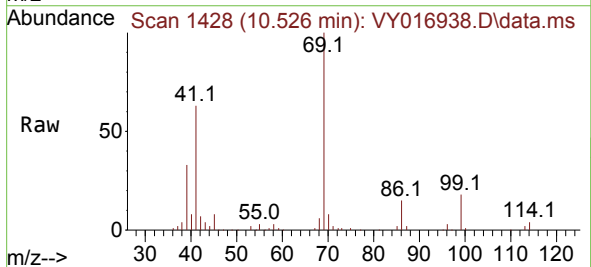
Instrument :
MSVOA_Y
ClientSampleId :

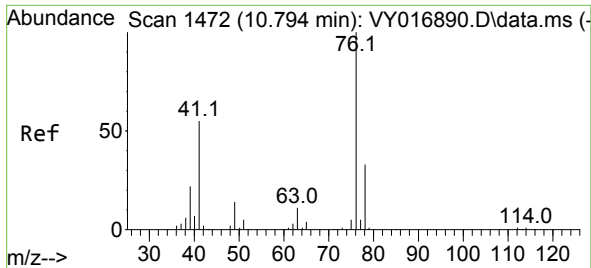
Tgt Ion: 97	Resp: 59710
Ion Ratio	Lower Upper
97 100	
83 87.2	69.4 104.2
85 54.0	43.9 65.9
99 62.9	48.6 73.0



#56
Ethyl methacrylate
Concen: 54.830 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 69	Resp: 54076
Ion Ratio	Lower Upper
69 100	
41 63.2	49.2 73.8
39 34.7	26.8 40.2

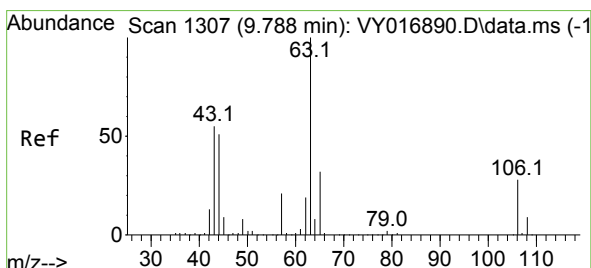
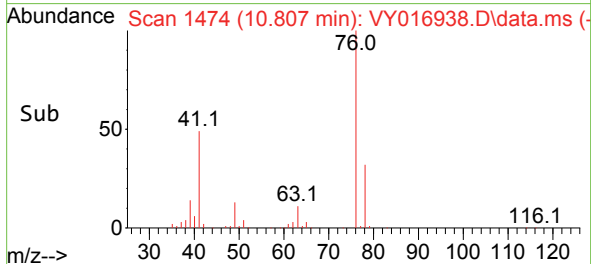
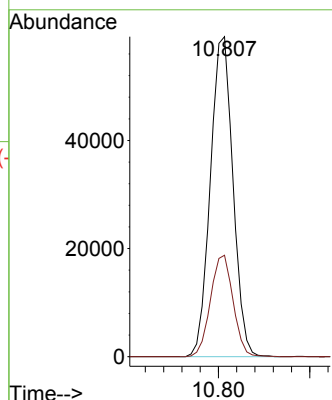
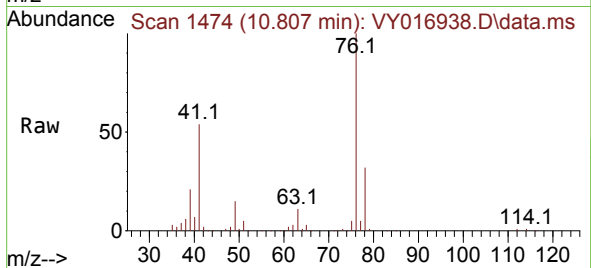




#57
1,3-Dichloropropane
Concen: 52.192 ug/l
RT: 10.807 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

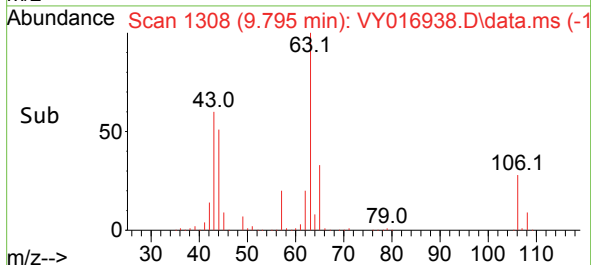
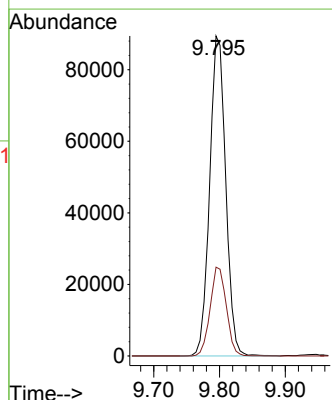
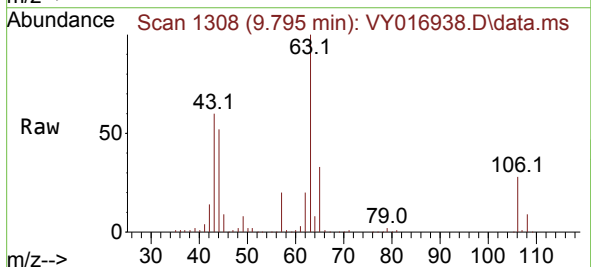
Instrument :
MSVOA_Y
ClientSampleId :

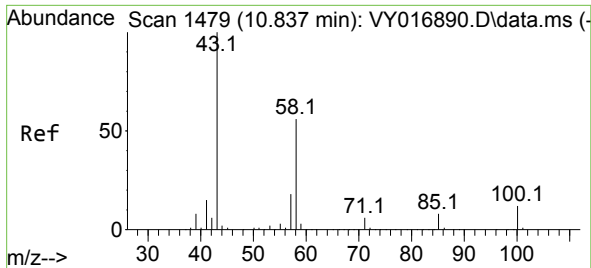
Tgt Ion: 76 Resp: 101466
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 245.243 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 63 Resp: 151979
Ion Ratio Lower Upper
63 100
106 27.9 22.4 33.6

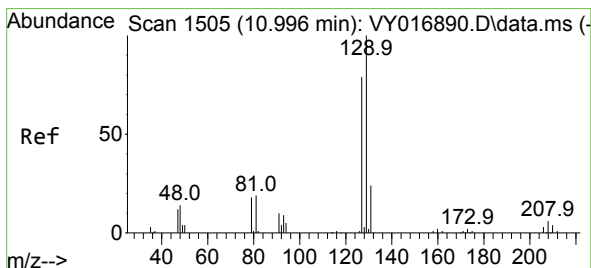
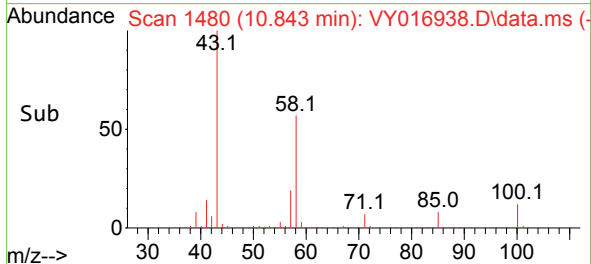
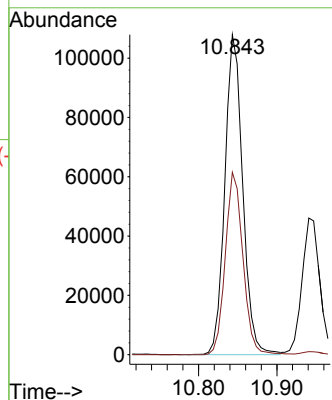
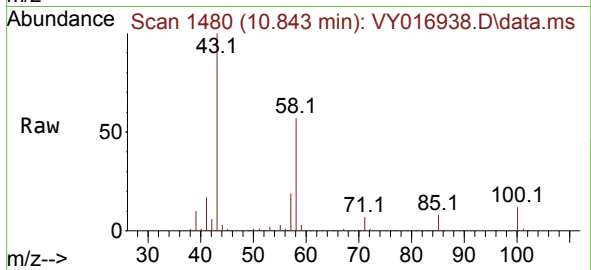




#59
2-Hexanone
Concen: 248.332 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

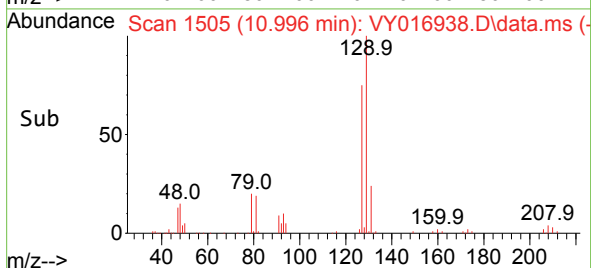
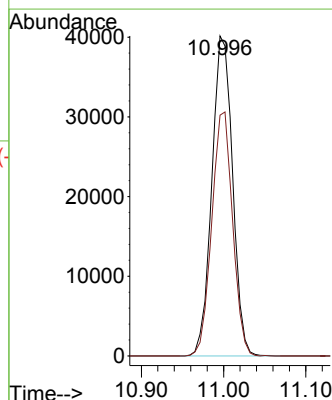
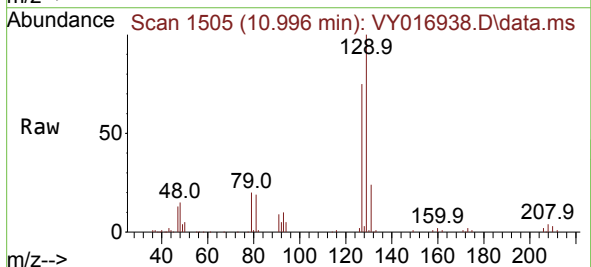
Instrument :
MSVOA_Y
ClientSampleId :

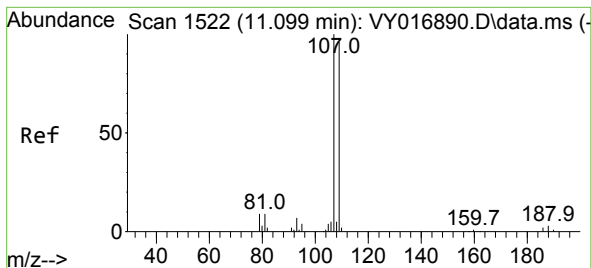
Tgt Ion: 43 Resp: 171134
Ion Ratio Lower Upper
43 100
58 56.4 28.1 84.3



#60
Dibromochloromethane
Concen: 52.228 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion:129 Resp: 70132
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6

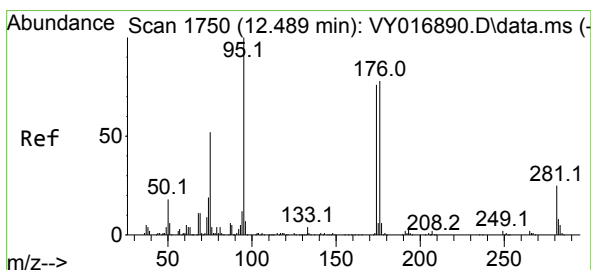
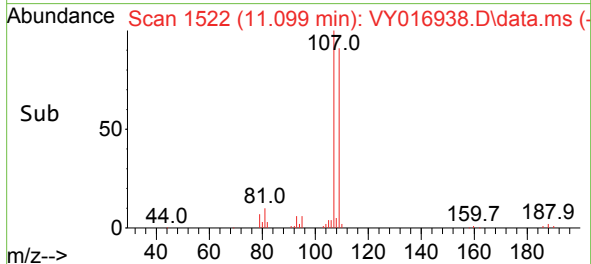
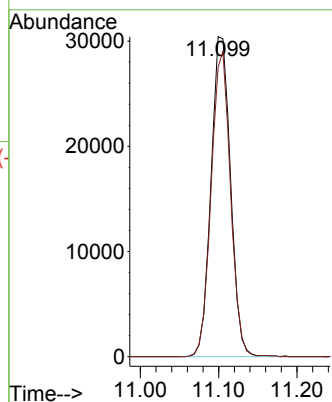
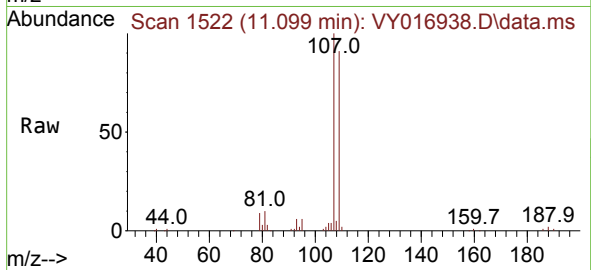




#61
1,2-Dibromoethane
Concen: 52.031 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

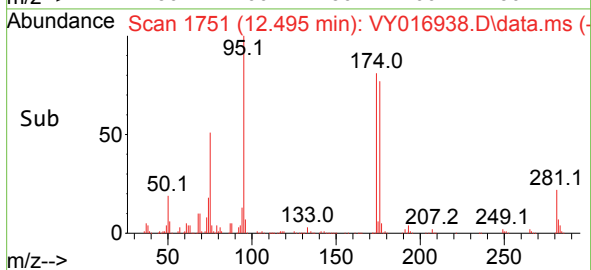
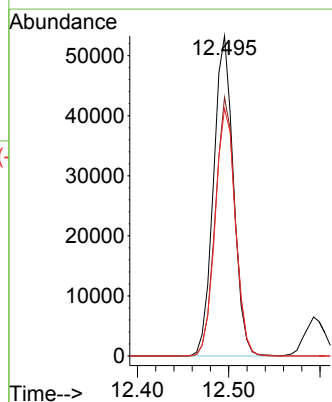
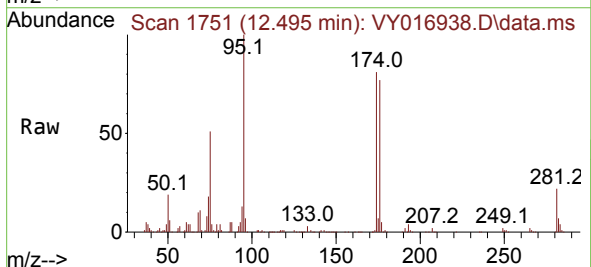
Instrument :
MSVOA_Y
ClientSampleId :

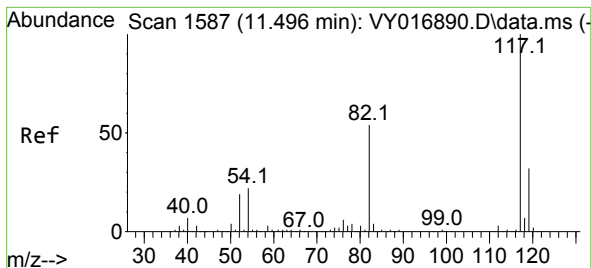
Tgt Ion:107 Resp: 52638
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.981 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

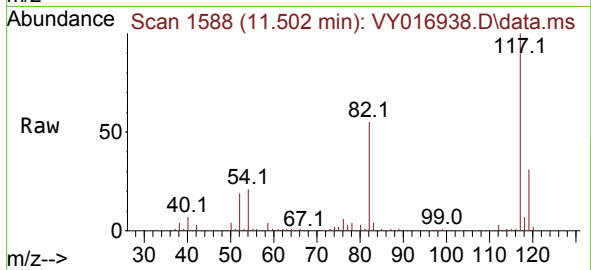
Tgt Ion: 95 Resp: 80574
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.0
176 78.8 0.0 151.8



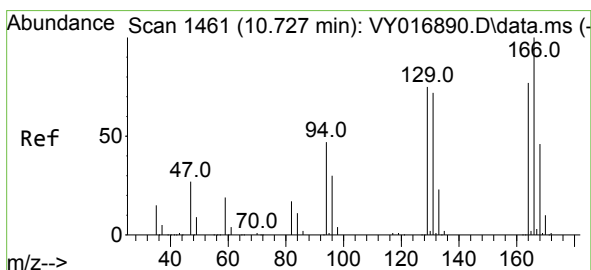
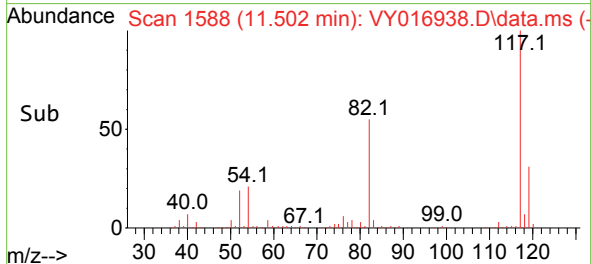
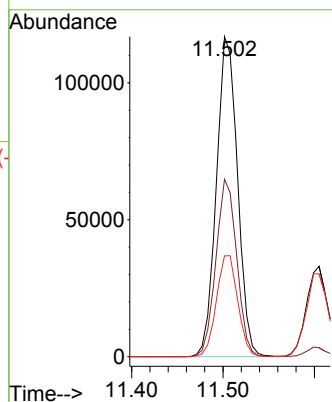


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

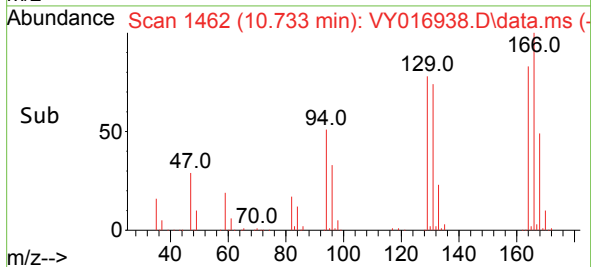
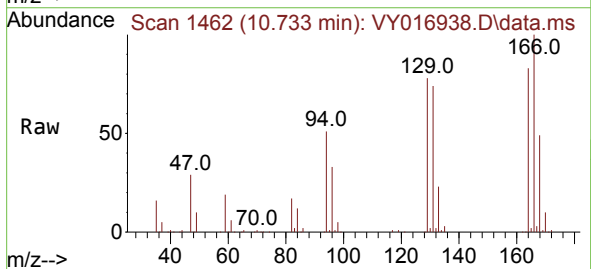
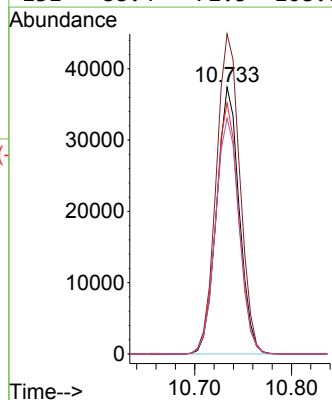


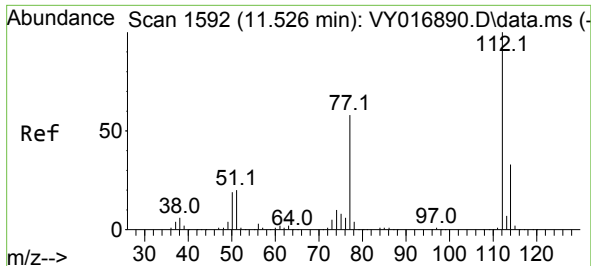
Tgt Ion:117 Resp: 187953
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 49.894 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

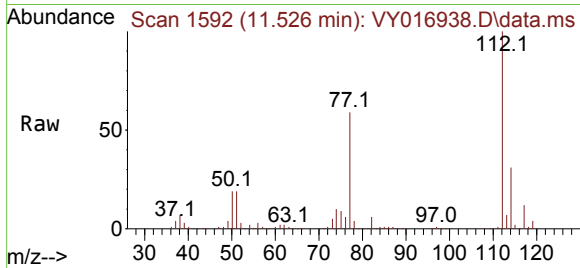
Tgt Ion:164 Resp: 60797
Ion Ratio Lower Upper
164 100
166 120.0 98.8 148.2
129 94.1 78.9 118.3
131 88.4 72.5 108.7



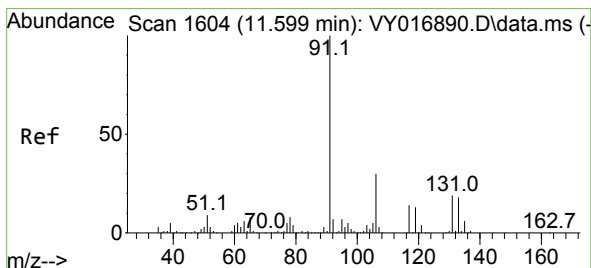
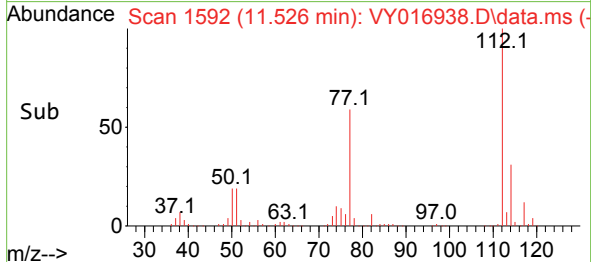
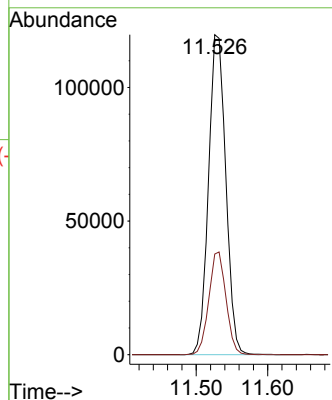


#65
Chlorobenzene
Concen: 51.268 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

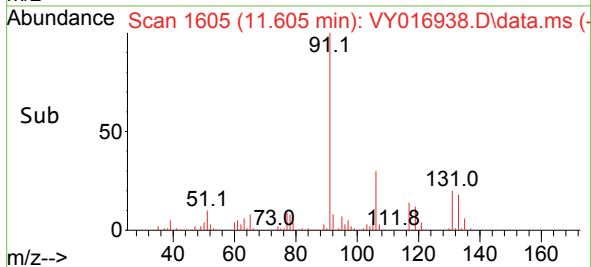
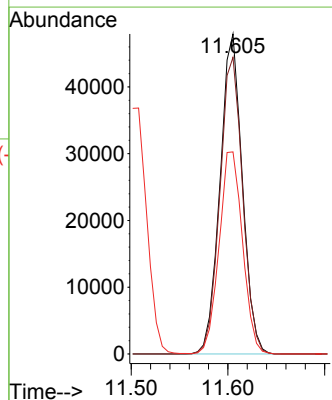
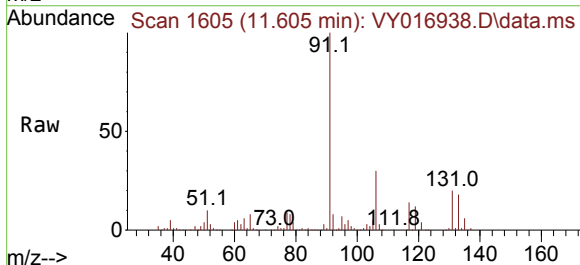


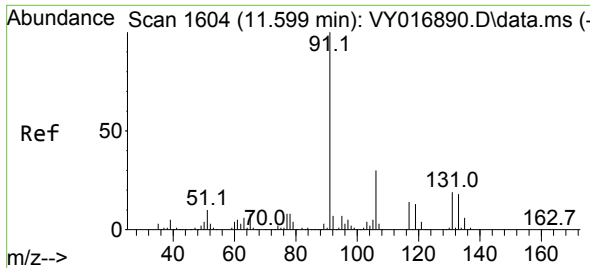
Tgt Ion:112 Resp: 200736
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.485 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion:131 Resp: 76631
Ion Ratio Lower Upper
131 100
133 94.5 47.0 141.0
119 66.5 33.3 99.9

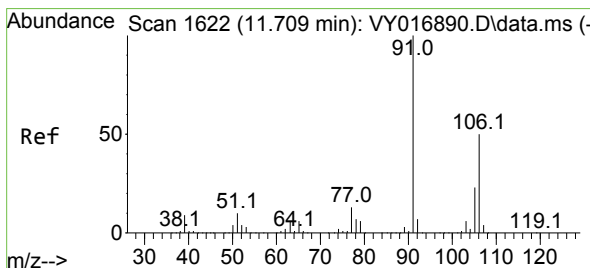
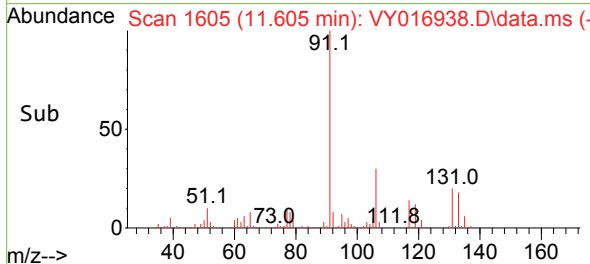
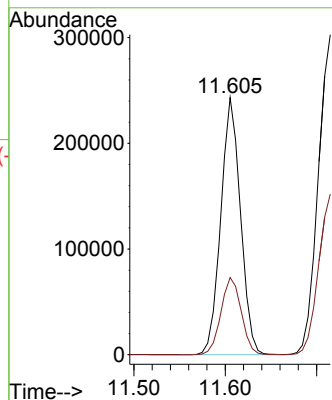
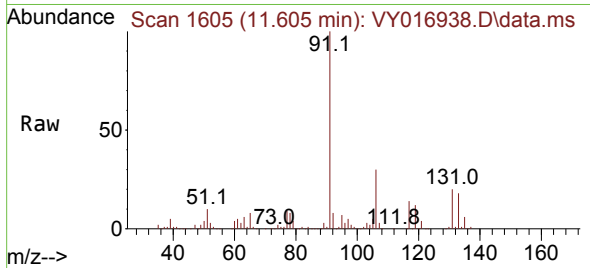




#67
Ethyl Benzene
Concen: 51.692 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

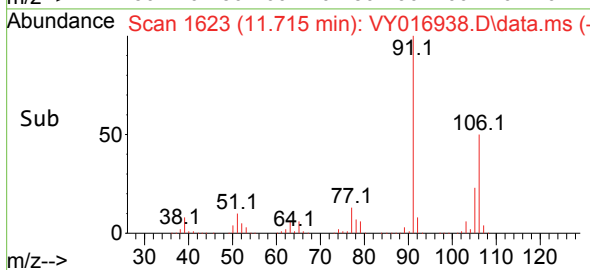
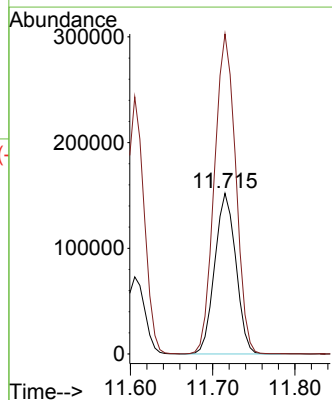
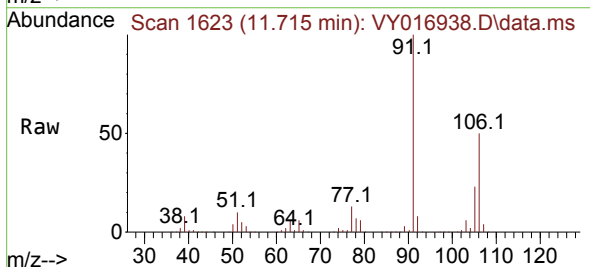
Instrument :
MSVOA_Y
ClientSampleId :

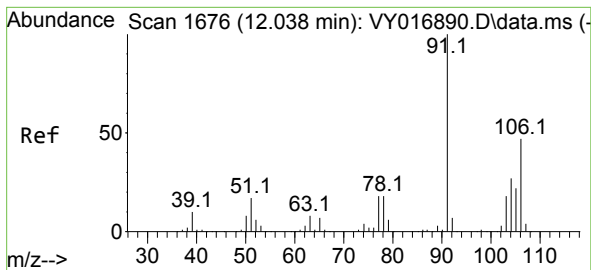
Tgt Ion: 91 Resp: 364378
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.4



#68
m/p-Xylenes
Concen: 104.862 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion:106 Resp: 271324
Ion Ratio Lower Upper
106 100
91 201.4 160.7 241.1





#69

o-Xylene

Concen: 52.610 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

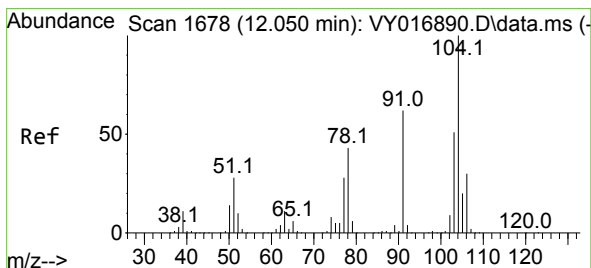
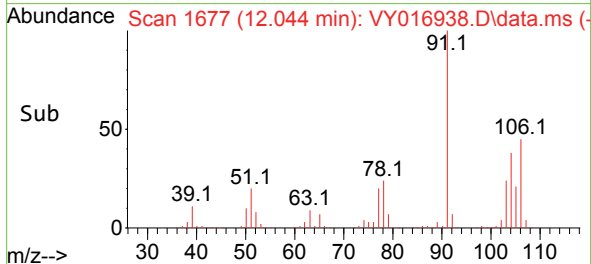
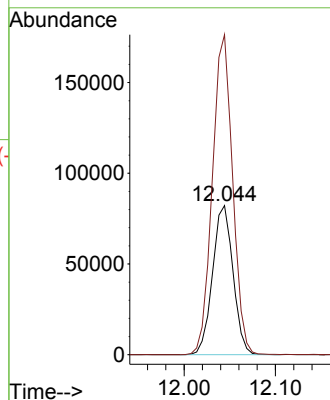
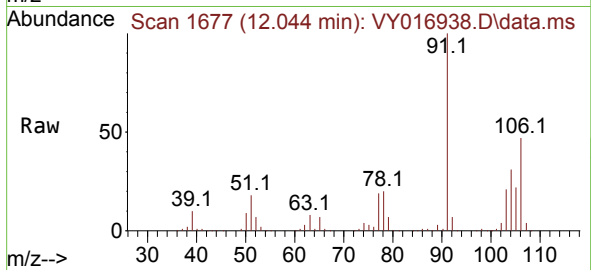
ClientSampleId :

Tgt Ion:106 Resp: 127614

Ion Ratio Lower Upper

106 100

91 212.7 106.5 319.5



#70

Styrene

Concen: 53.871 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

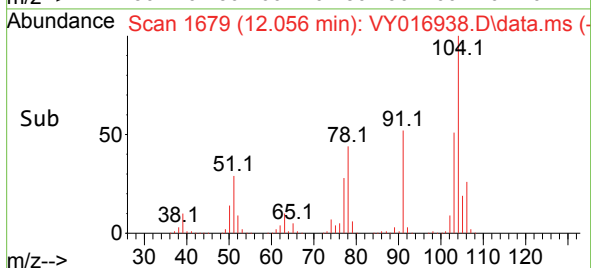
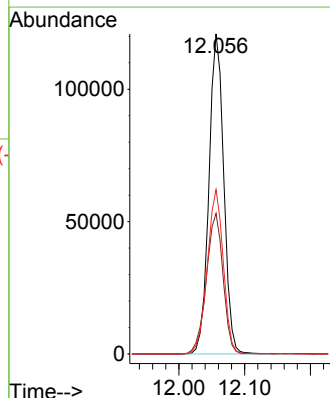
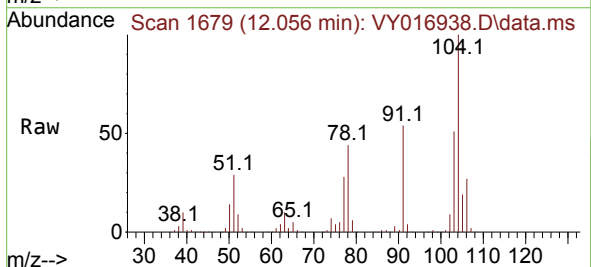
Tgt Ion:104 Resp: 190182

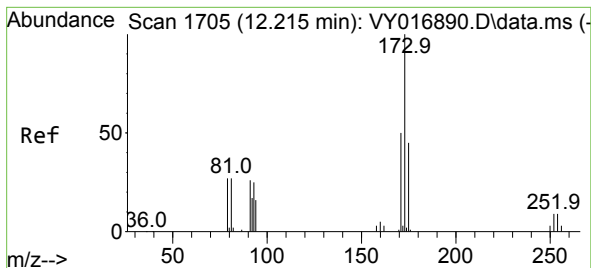
Ion Ratio Lower Upper

104 100

78 49.2 39.2 58.8

103 55.3 43.8 65.6





#71

Bromoform

Concen: 51.070 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

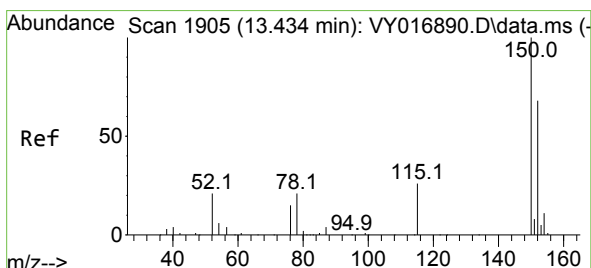
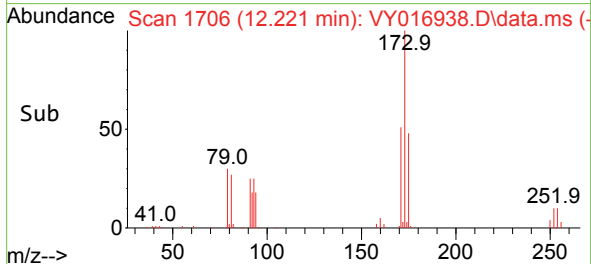
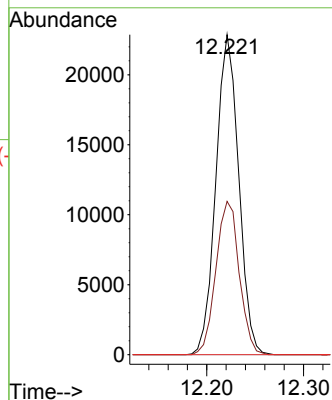
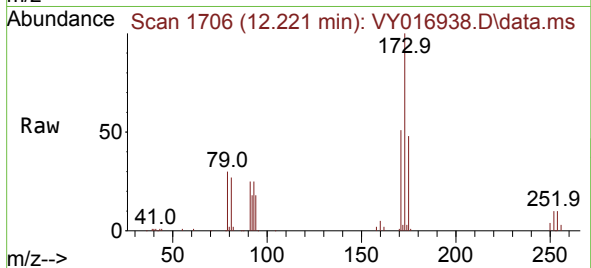
Tgt Ion:173 Resp: 37420

Ion Ratio Lower Upper

173 100

175 49.0 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: VY016938.D

Acq: 08 Jan 2024 17:15

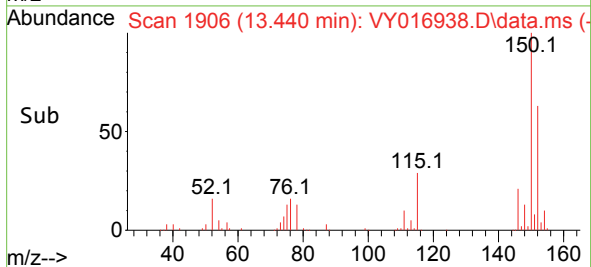
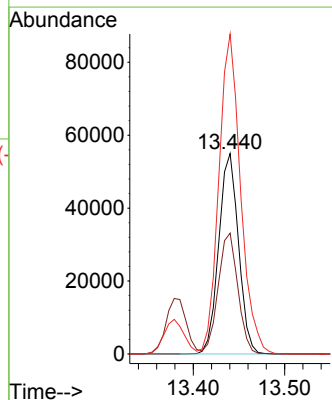
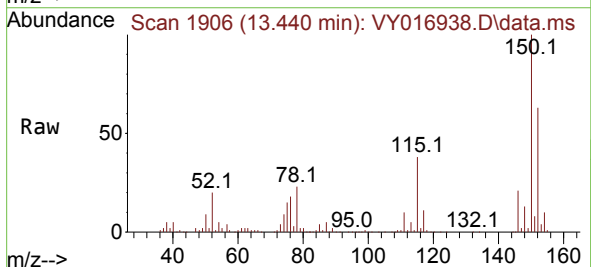
Tgt Ion:152 Resp: 82657

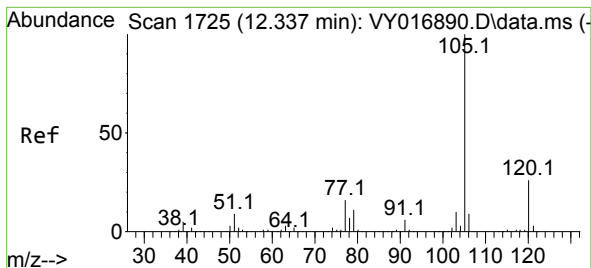
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 175.3 0.0 344.6





#73

Isopropylbenzene

Concen: 52.637 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

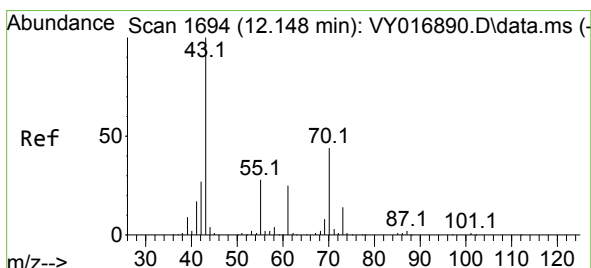
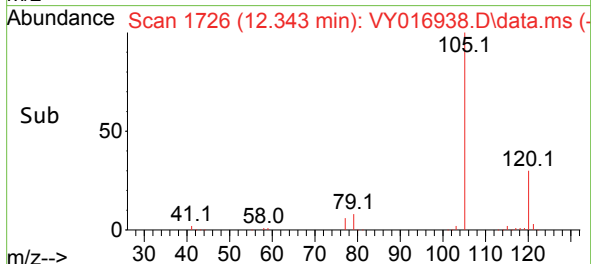
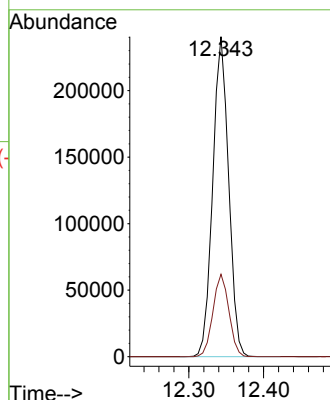
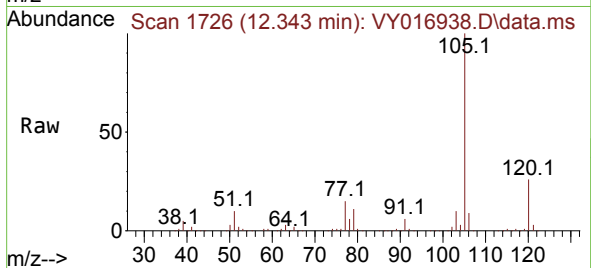
ClientSampleId :

Tgt Ion:105 Resp: 355292

Ion Ratio Lower Upper

105 100

120 25.8 13.0 39.0



#74

N-ethyl acetate

Concen: 53.225 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Tgt Ion: 43 Resp: 72180

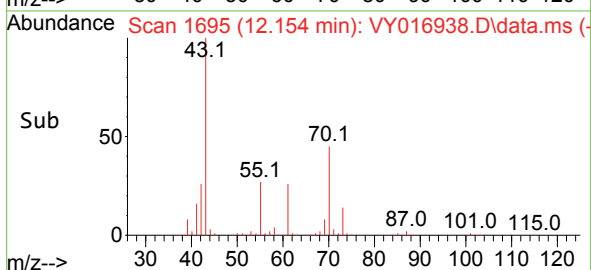
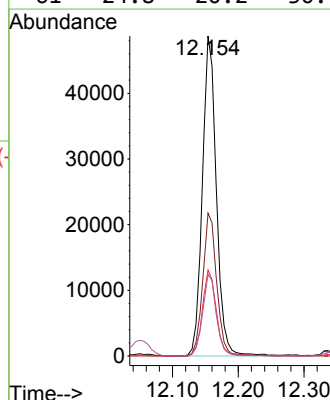
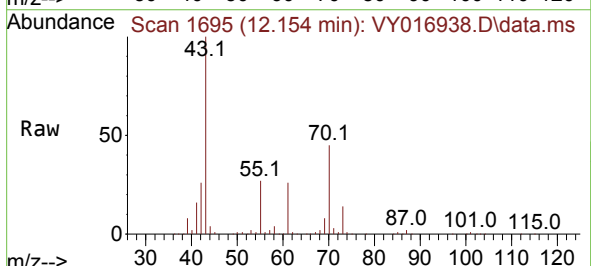
Ion Ratio Lower Upper

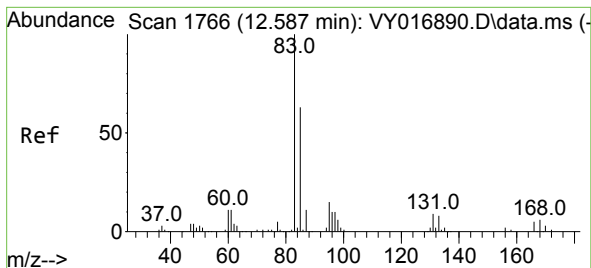
43 100

70 44.6 36.6 55.0

55 26.9 22.2 33.4

61 24.8 20.2 30.4

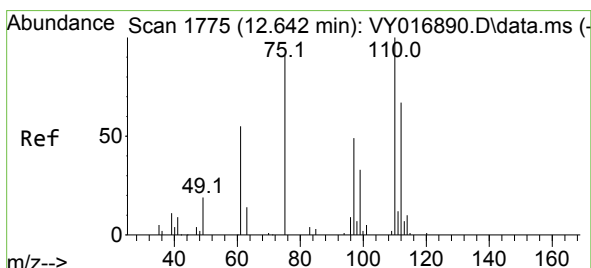
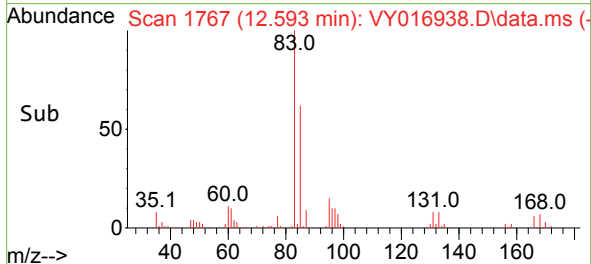
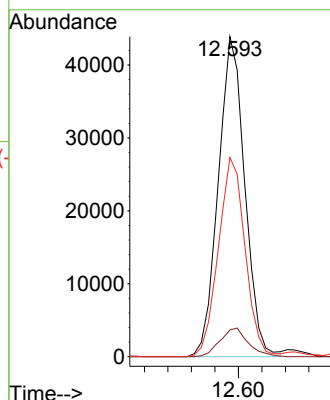
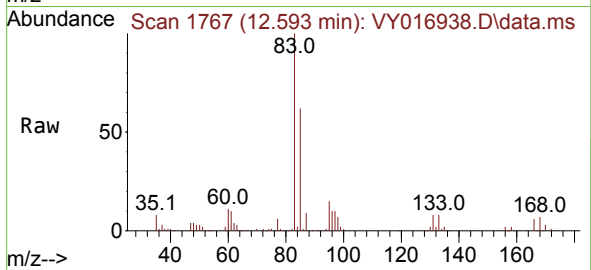




#75
1,1,2,2-Tetrachloroethane
Concen: 49.945 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

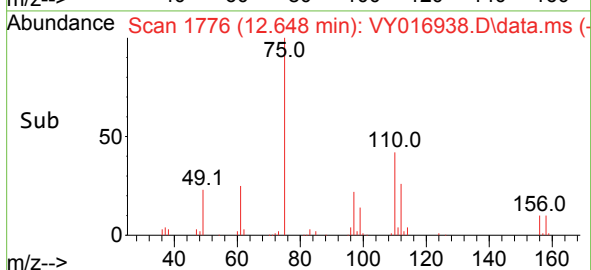
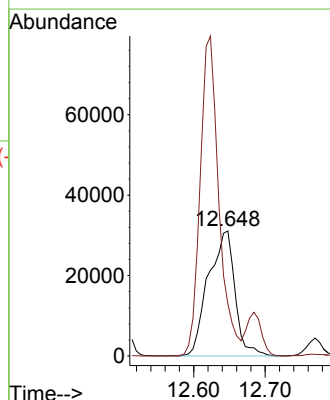
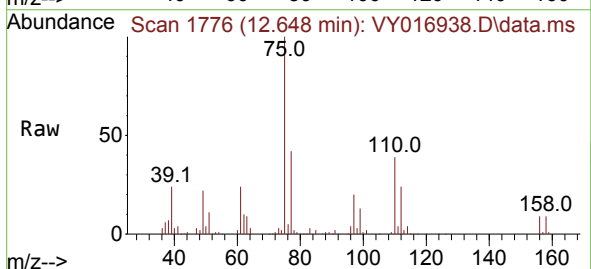
Instrument :
MSVOA_Y
ClientSampleId :

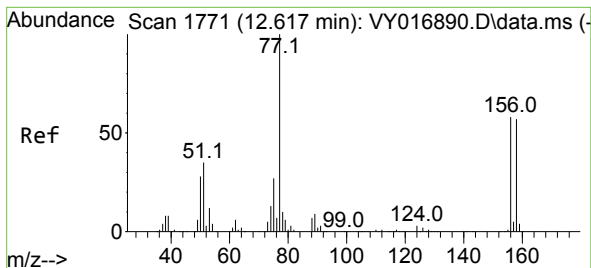
Tgt Ion: 83 Resp: 68689
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 62.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 89.571 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 75 Resp: 80343
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.163 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

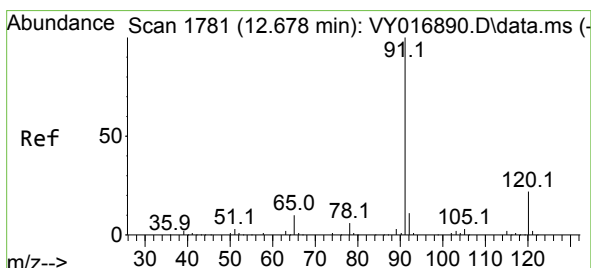
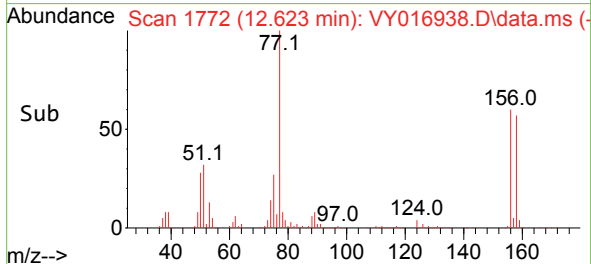
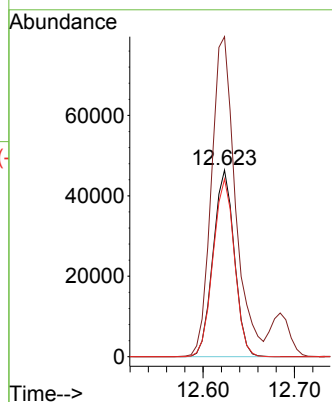
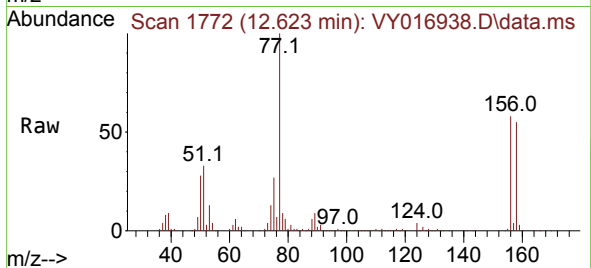
Tgt Ion:156 Resp: 74548

Ion Ratio Lower Upper

156 100

77 194.8 97.3 291.8

158 96.4 48.4 145.0



#78

n-propylbenzene

Concen: 51.931 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016938.D

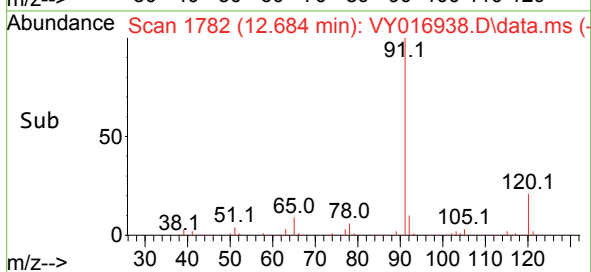
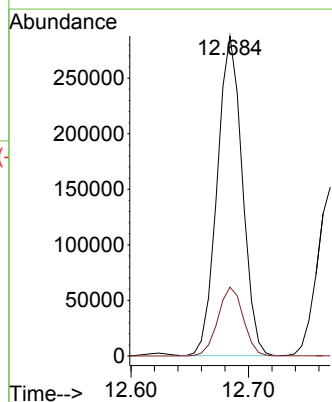
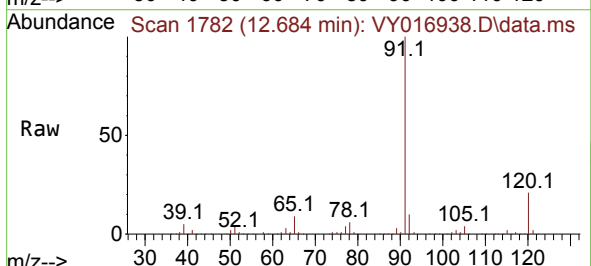
Acq: 08 Jan 2024 17:15

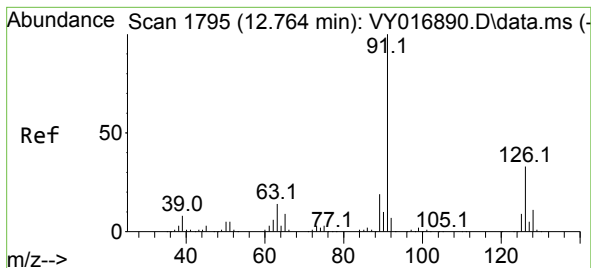
Tgt Ion: 91 Resp: 426133

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 50.834 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

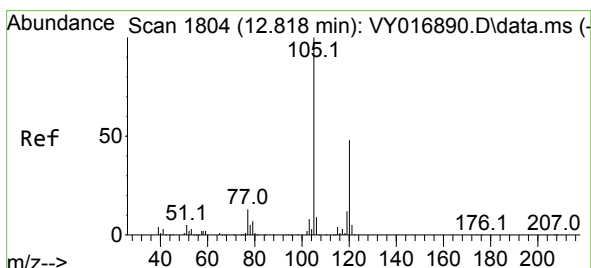
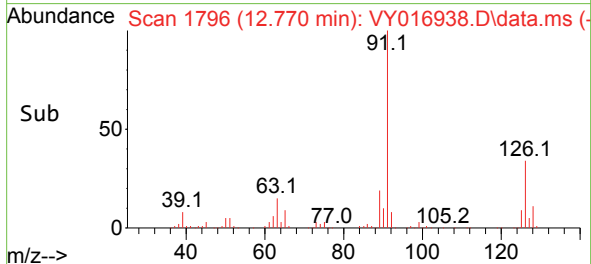
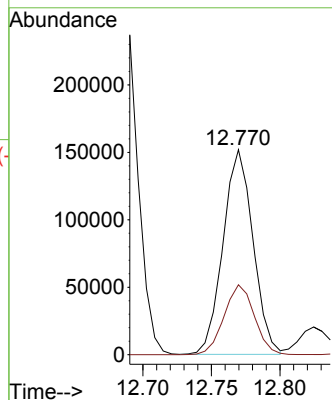
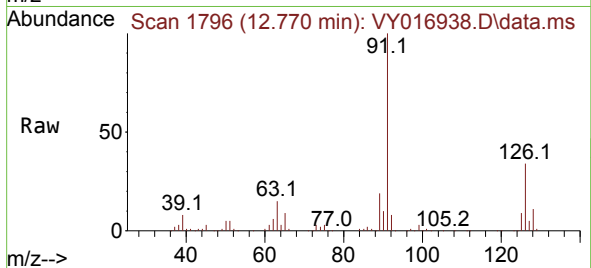
ClientSampleId :

Tgt Ion: 91 Resp: 231309

Ion Ratio Lower Upper

91 100

126 34.4 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 52.782 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.007 min

Lab File: VY016938.D

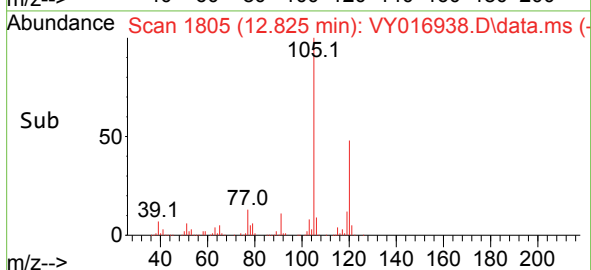
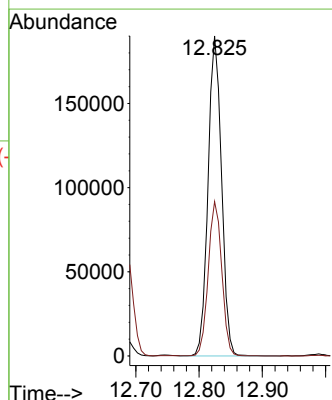
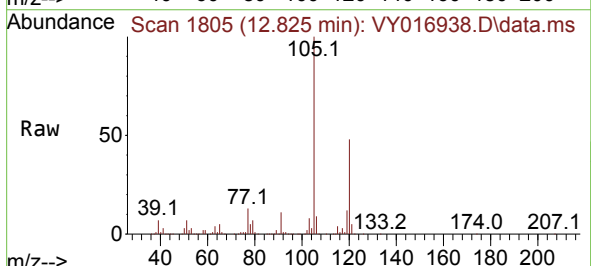
Acq: 08 Jan 2024 17:15

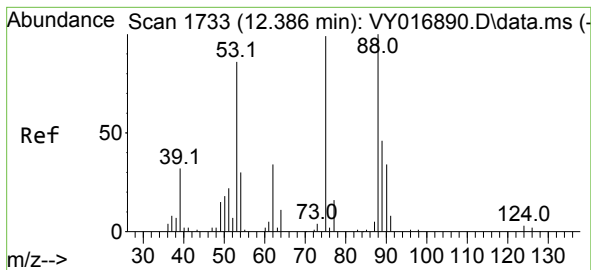
Tgt Ion:105 Resp: 281766

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8

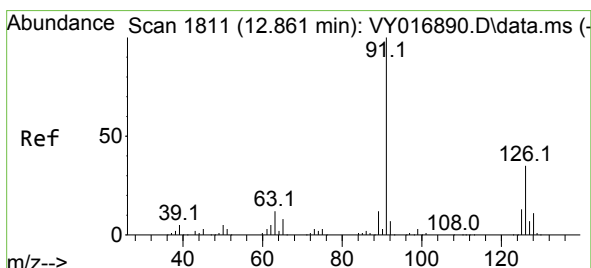
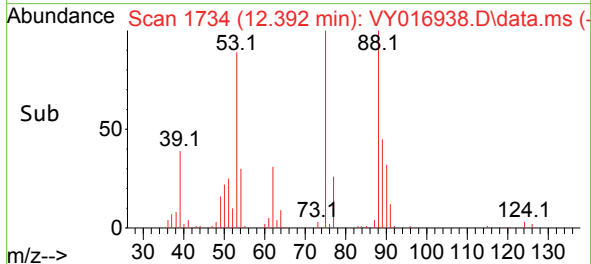
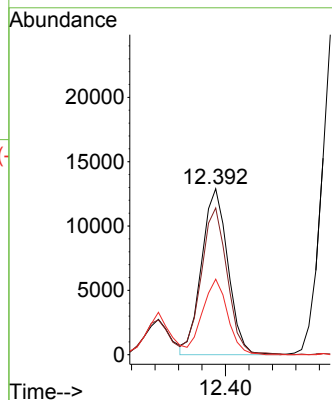
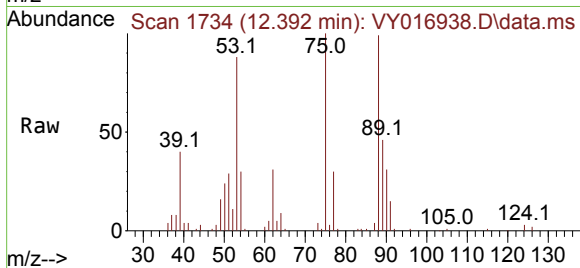




#81
trans-1,4-Dichloro-2-butene
Concen: 50.806 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

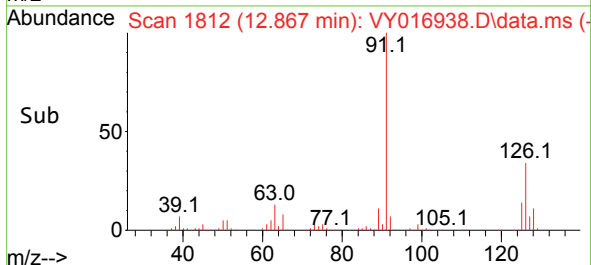
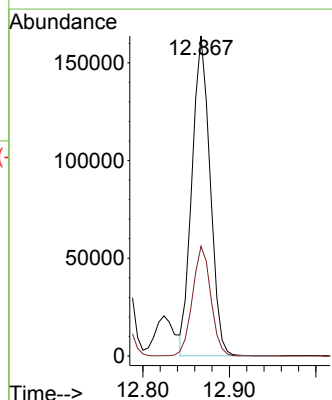
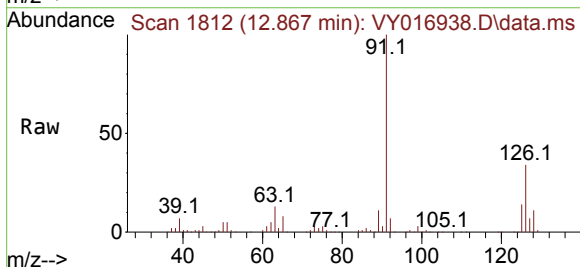
Instrument :
MSVOA_Y
ClientSampleId :

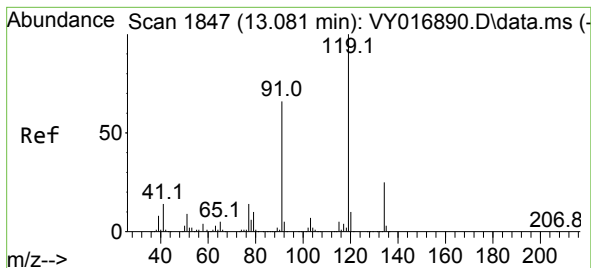
Tgt Ion: 75 Resp: 20069
Ion Ratio Lower Upper
75 100
53 87.7 74.0 111.0
89 43.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 50.951 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 91 Resp: 236860
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 52.472 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

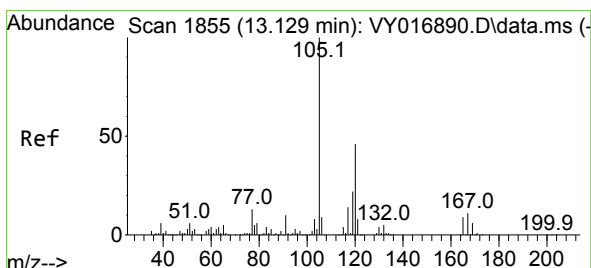
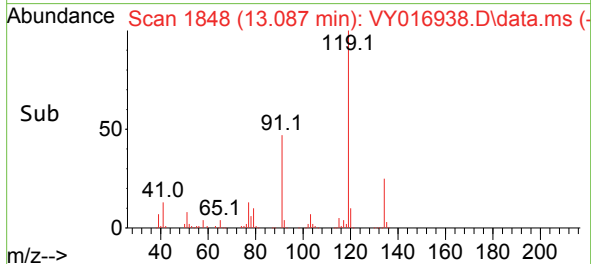
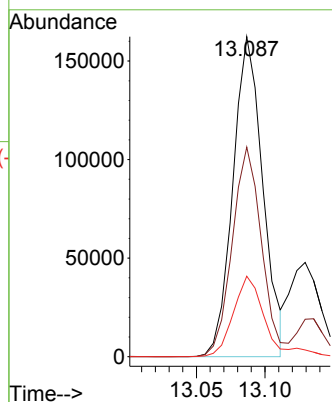
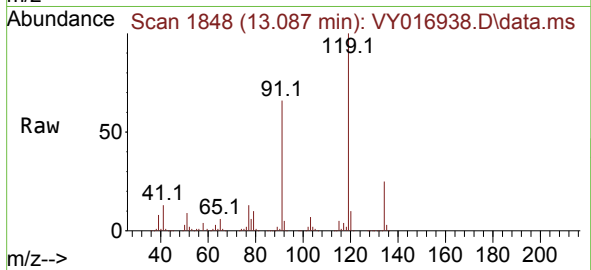
Tgt Ion:119 Resp: 246718

Ion Ratio Lower Upper

119 100

91 64.7 31.5 94.5

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 52.719 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016938.D

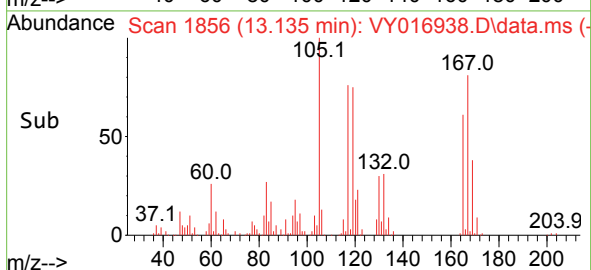
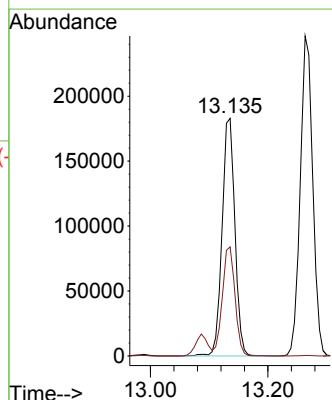
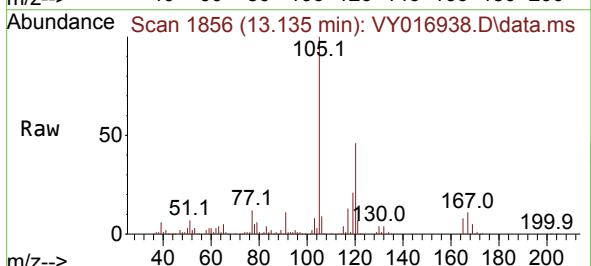
Acq: 08 Jan 2024 17:15

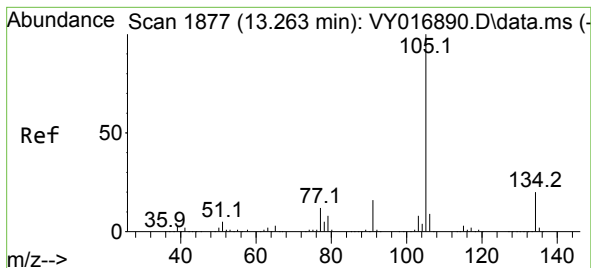
Tgt Ion:105 Resp: 277154

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.222 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

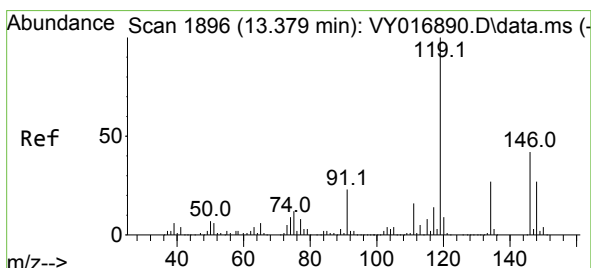
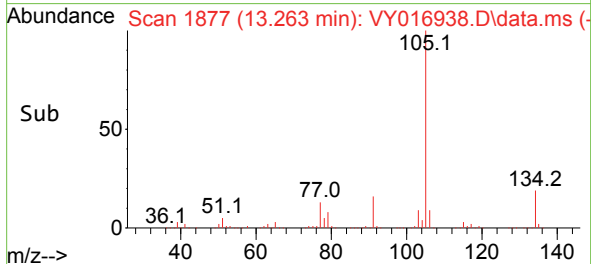
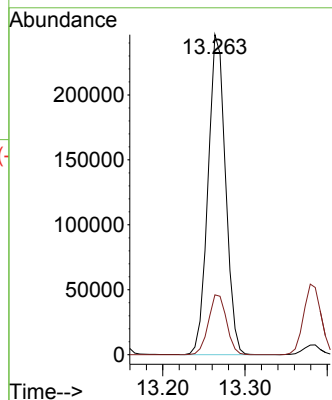
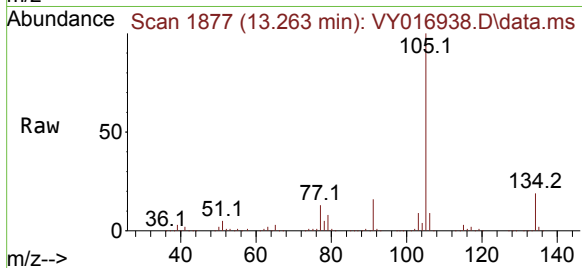
ClientSampleId :

Tgt Ion:105 Resp: 363826

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 52.810 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

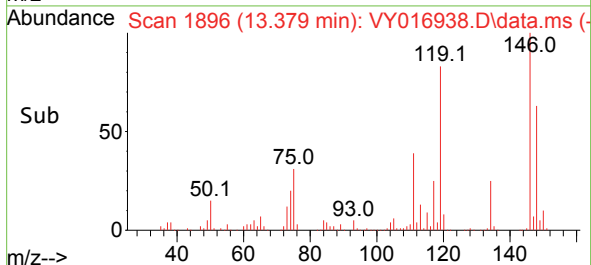
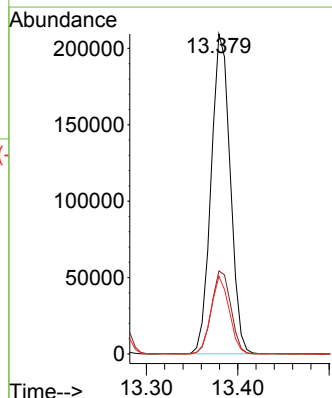
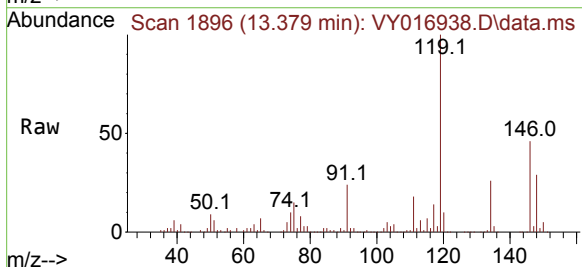
Tgt Ion:119 Resp: 303647

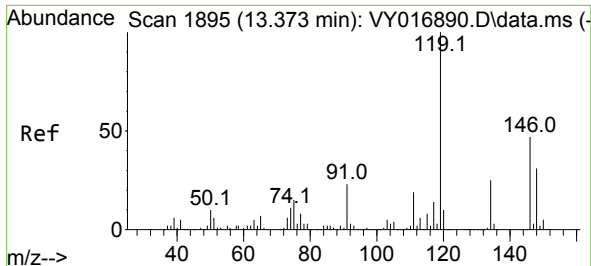
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.596 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

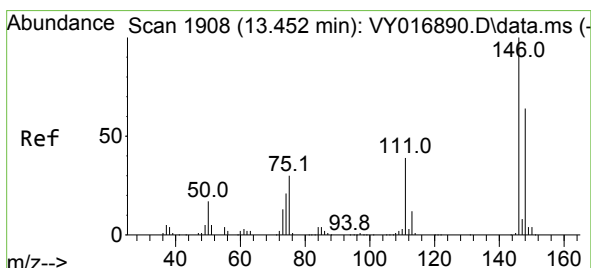
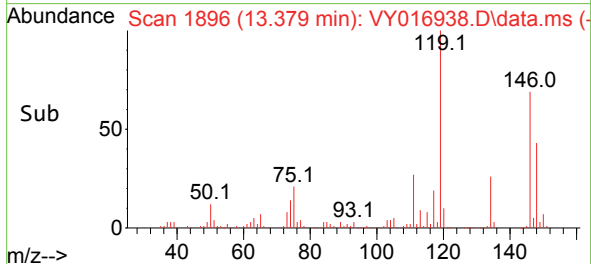
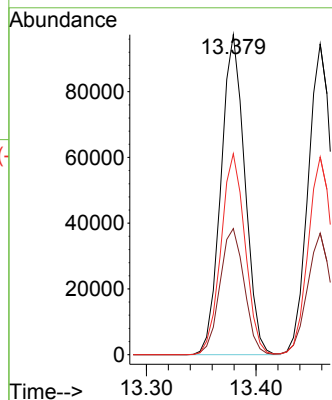
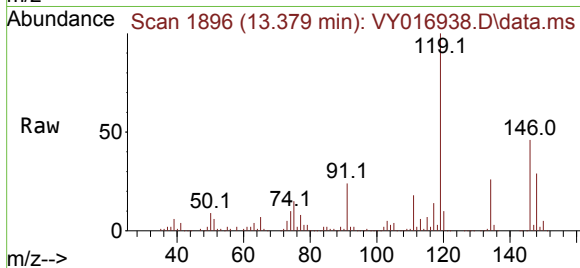
Tgt Ion:146 Resp: 147467

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 50.589 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

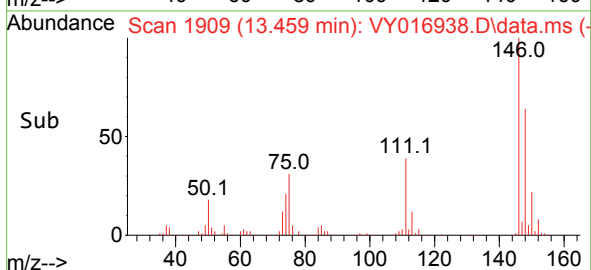
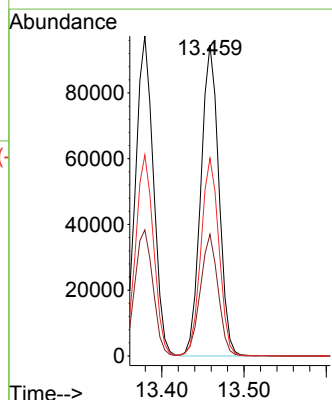
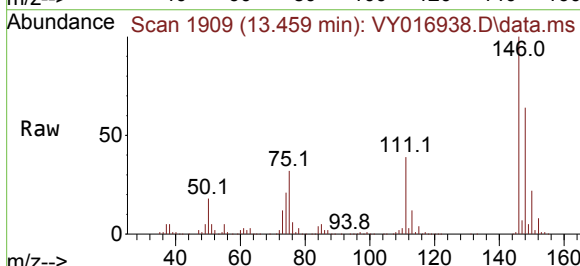
Tgt Ion:146 Resp: 144214

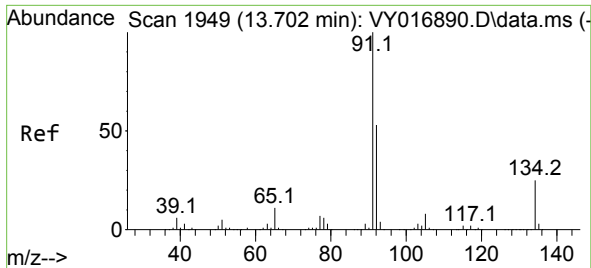
Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

148 63.5 31.6 94.7

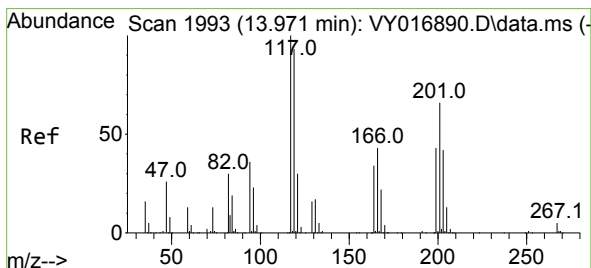
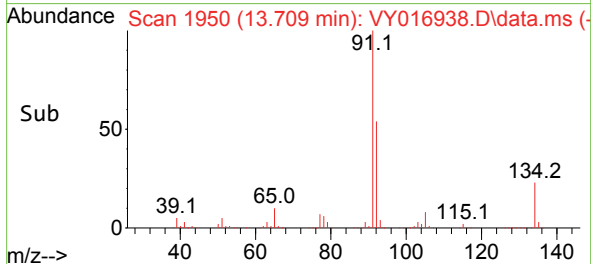
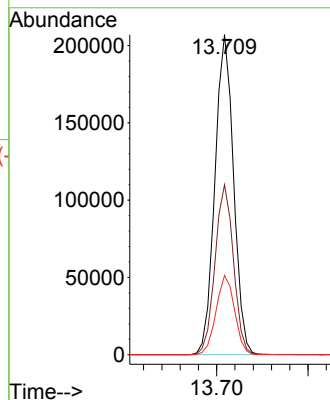
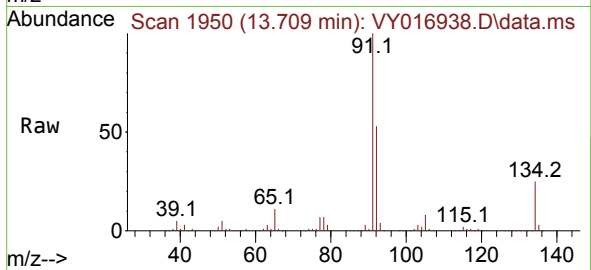




#89
n-Butylbenzene
Concen: 53.035 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

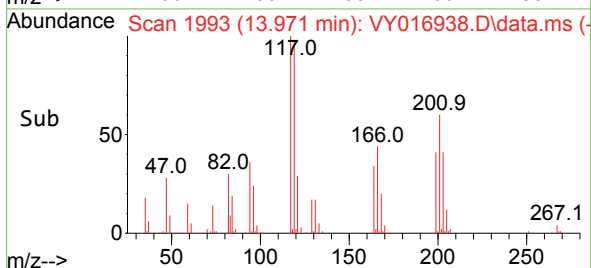
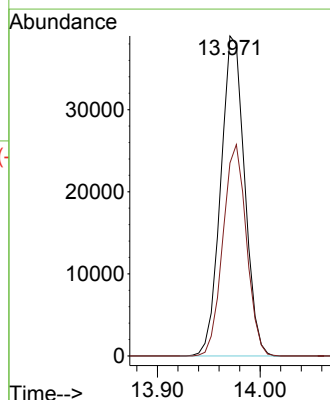
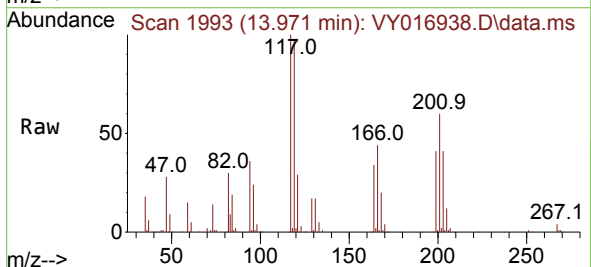
Instrument :
MSVOA_Y
ClientSampleId :

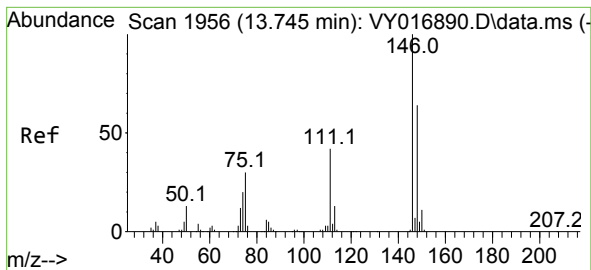
Tgt Ion: 91 Resp: 293192
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.2
134 24.7 12.3 36.8



#90
Hexachloroethane
Concen: 50.857 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016938.D
Acq: 08 Jan 2024 17:15

Tgt Ion: 117 Resp: 62836
Ion Ratio Lower Upper
117 100
201 65.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 50.240 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

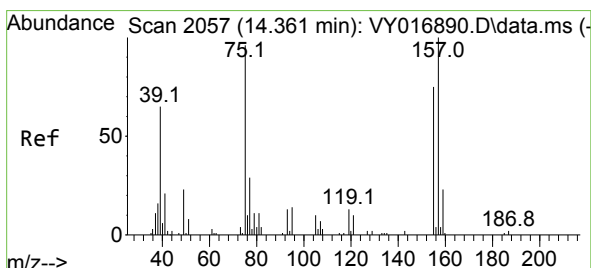
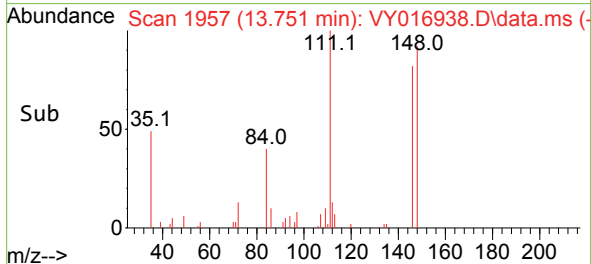
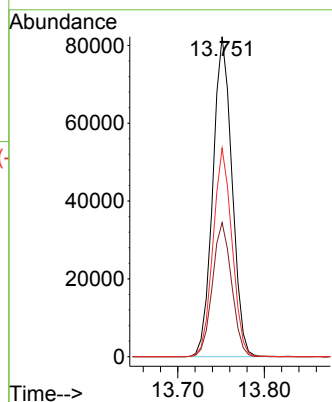
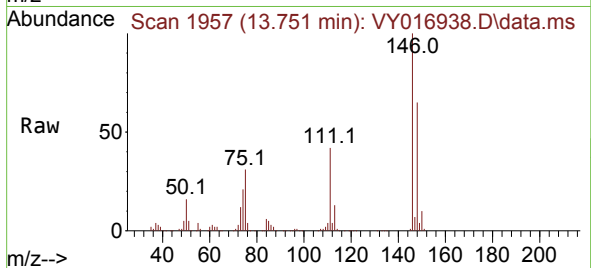
Tgt Ion:146 Resp: 126543

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

148 64.3 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.716 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

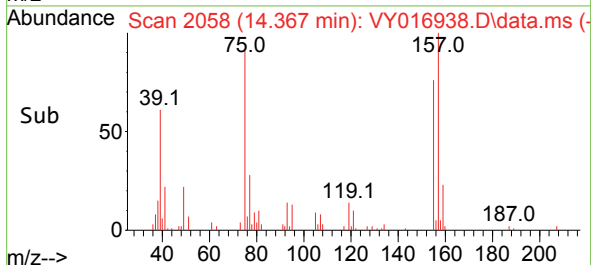
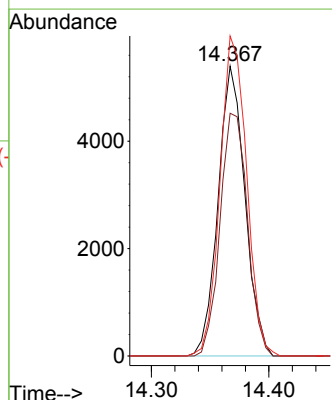
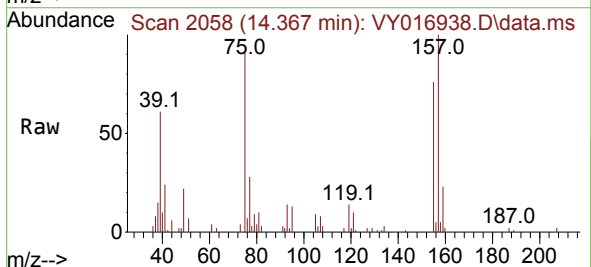
Tgt Ion: 75 Resp: 8574

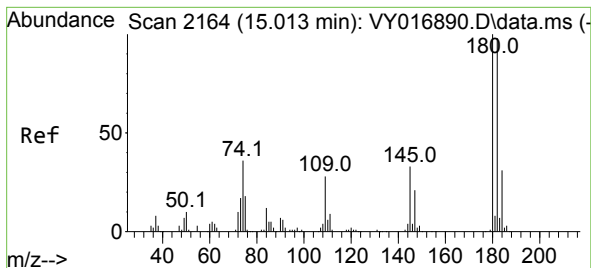
Ion Ratio Lower Upper

75 100

155 85.1 42.1 126.3

157 109.3 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 54.806 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

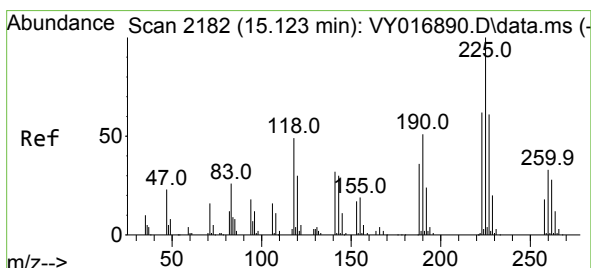
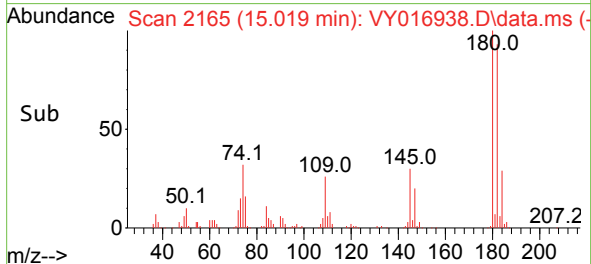
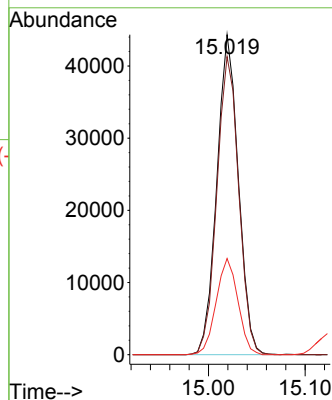
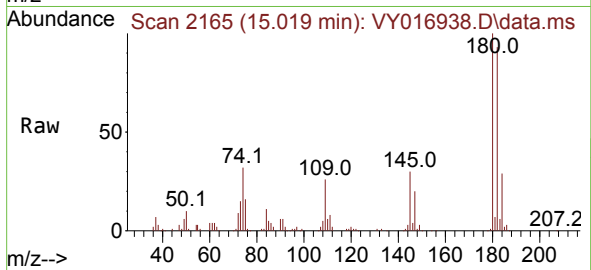
Tgt Ion:180 Resp: 68549

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 30.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.555 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

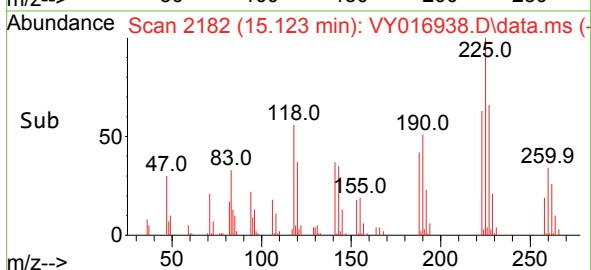
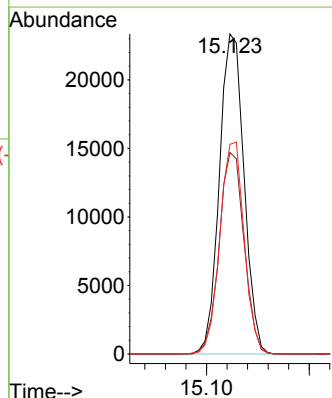
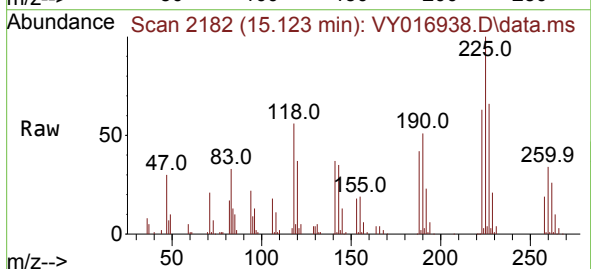
Tgt Ion:225 Resp: 38828

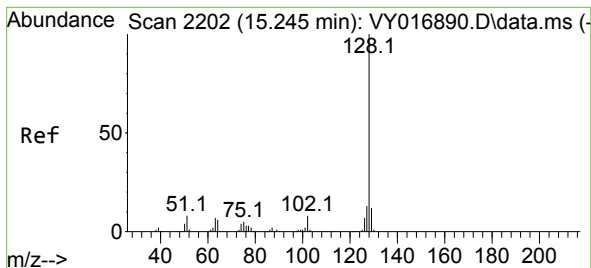
Ion Ratio Lower Upper

225 100

223 63.4 31.4 94.3

227 65.2 32.3 96.8





#95

Naphthalene

Concen: 55.105 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

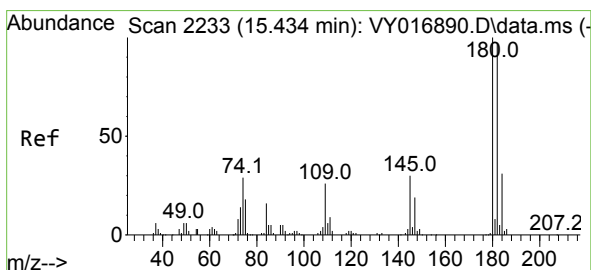
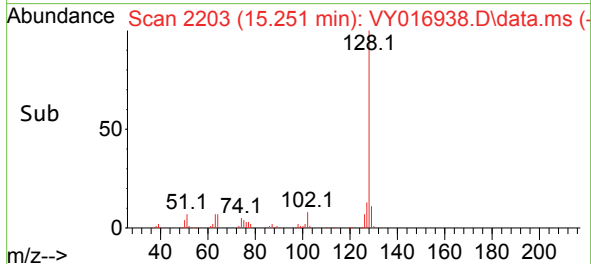
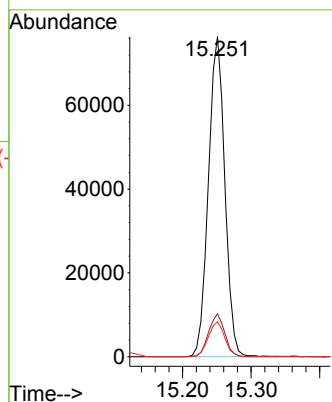
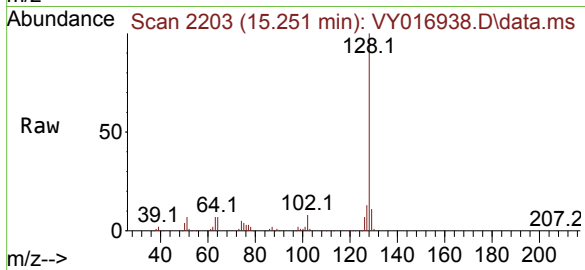
Tgt Ion:128 Resp: 127232

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.522 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016938.D

Acq: 08 Jan 2024 17:15

Tgt Ion:180 Resp: 56841

Ion Ratio Lower Upper

180 100

182 94.8 46.3 138.8

145 32.9 16.1 48.2

