

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016987.D
 Acq On : 12 Jan 2024 12:49
 Operator : SY/MD
 Sample : VY0112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:03:52 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	112743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	186156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	159657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59450	53.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.734	113	63278	53.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.680%	
50) Toluene-d8	10.191	98	222178	54.390	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.495	95	73683	53.464	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19660	21.285	ug/l	96
3) Chloromethane	2.119	50	27189	20.529	ug/l	97
4) Vinyl Chloride	2.260	62	33189	21.245	ug/l	98
5) Bromomethane	2.656	94	24775	22.137	ug/l	94
6) Chloroethane	2.802	64	22645	21.429	ug/l	98
7) Trichlorofluoromethane	3.137	101	43057	22.369	ug/l	99
8) Diethyl Ether	3.540	74	14271	23.199	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	28057	22.418	ug/l	100
10) Methyl Iodide	4.107	142	22938	21.543	ug/l	98
11) Tert butyl alcohol	4.966	59	16016	189.546	ug/l #	95
12) 1,1-Dichloroethene	3.887	96	23224	21.627	ug/l	96
13) Acrolein	3.747	56	14673	116.551	ug/l	97
14) Allyl chloride	4.491	41	37116	21.864	ug/l	98
15) Acrylonitrile	5.180	53	34597	120.240	ug/l	99
16) Acetone	3.960	43	44627	153.144	ug/l	100
17) Carbon Disulfide	4.210	76	47035	18.331	ug/l	98
18) Methyl Acetate	4.497	43	25367	21.248	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	67203	24.055	ug/l	98
20) Methylene Chloride	4.735	84	36492	20.656	ug/l	95
21) trans-1,2-Dichloroethene	5.241	96	27033	21.980	ug/l	97
22) Diisopropyl ether	6.137	45	92514	23.572	ug/l	97
23) Vinyl Acetate	6.076	43	218367	121.344	ug/l	100
24) 1,1-Dichloroethane	6.039	63	53260	22.582	ug/l	99
25) 2-Butanone	7.003	43	54483	138.969	ug/l	96
26) 2,2-Dichloropropane	6.996	77	46951	22.960	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	33338	23.124	ug/l	100
28) Bromochloromethane	7.350	49	20466	23.114	ug/l	99
29) Tetrahydrofuran	7.368	42	27069	120.023	ug/l	99
30) Chloroform	7.527	83	56259	23.148	ug/l	95
31) Cyclohexane	7.801	56	40420	21.135	ug/l	96
32) 1,1,1-Trichloroethane	7.722	97	47126	22.868	ug/l	98
36) 1,1-Dichloropropene	7.935	75	39703	22.966	ug/l	99
37) Ethyl Acetate	7.088	43	19195	24.432	ug/l	96
38) Carbon Tetrachloride	7.917	117	40012	22.780	ug/l	94
39) Methylcyclohexane	9.197	83	41148	21.172	ug/l	95
40) Benzene	8.173	78	118400	22.831	ug/l	99

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:03:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	26587	64.256	ug/l #	23
42) 1,2-Dichloroethane	8.252	62	32081	23.302	ug/l	98
43) Isopropyl Acetate	8.289	43	36465	24.238	ug/l	99
44) Trichloroethene	8.953	130	30195	22.881	ug/l	96
45) 1,2-Dichloropropane	9.234	63	31628	23.673	ug/l	99
46) Dibromomethane	9.319	93	16068	23.581	ug/l	98
47) Bromodichloromethane	9.508	83	42308	23.122	ug/l	94
48) Methyl methacrylate	9.307	41	18874	23.246	ug/l	95
49) 1,4-Dioxane	9.319	88	3255	461.359	ug/l	94
51) 4-Methyl-2-Pentanone	10.081	43	100267	125.317	ug/l	99
52) Toluene	10.258	92	72153	23.054	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	37227	22.714	ug/l	95
54) cis-1,3-Dichloropropene	9.941	75	45972	23.357	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	24015	24.125	ug/l	98
56) Ethyl methacrylate	10.526	69	20293	24.068	ug/l	99
57) 1,3-Dichloropropane	10.801	76	39988	24.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	51471	107.683	ug/l	99
59) 2-Hexanone	10.843	43	75609	128.337	ug/l	100
60) Dibromochloromethane	10.996	129	27995	24.387	ug/l	98
61) 1,2-Dibromoethane	11.099	107	19967	23.086	ug/l	98
64) Tetrachloroethene	10.734	164	23468	22.673	ug/l	98
65) Chlorobenzene	11.532	112	77110	23.184	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	29651	23.452	ug/l	99
67) Ethyl Benzene	11.605	91	137047	22.888	ug/l	99
68) m/p-Xylenes	11.715	106	102266	46.529	ug/l	99
69) o-Xylene	12.044	106	47263	22.938	ug/l	99
70) Styrene	12.057	104	70098	23.375	ug/l	99
71) Bromoform	12.221	173	14901	23.941	ug/l #	97
73) Isopropylbenzene	12.343	105	132500	23.027	ug/l	99
74) N-amyl acetate	12.154	43	28264	24.448	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	27555	23.503	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	32212	42.126	ug/l #	100
77) Bromobenzene	12.624	156	28971	22.868	ug/l	98
78) n-propylbenzene	12.684	91	161096	23.029	ug/l	99
79) 2-Chlorotoluene	12.770	91	88577	22.834	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	104725	23.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	7642	22.694	ug/l	98
82) 4-Chlorotoluene	12.867	91	90742	22.897	ug/l	99
83) tert-Butylbenzene	13.087	119	93264	23.268	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	102239	22.813	ug/l	98
85) sec-Butylbenzene	13.264	105	137235	23.107	ug/l	99
86) p-Isopropyltoluene	13.379	119	112283	22.907	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	55762	22.443	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	55664	22.905	ug/l	99
89) n-Butylbenzene	13.709	91	107190	22.744	ug/l	99
90) Hexachloroethane	13.971	117	23908	22.699	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	48648	22.656	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3570	24.282	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	23860	22.377	ug/l	98
94) Hexachlorobutadiene	15.123	225	14592	21.846	ug/l	97
95) Naphthalene	15.251	128	42118	23.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	19619	21.670	ug/l	97

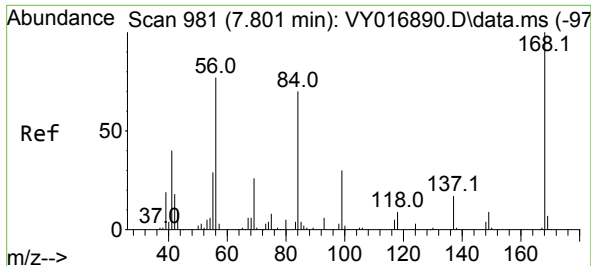
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
Data File : VY016987.D
Acq On : 12 Jan 2024 12:49
Operator : SY/MD
Sample : VY0112SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

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Quant Title : SW846 8260
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Response via : Initial Calibration

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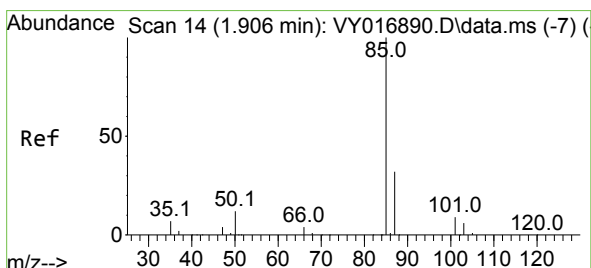
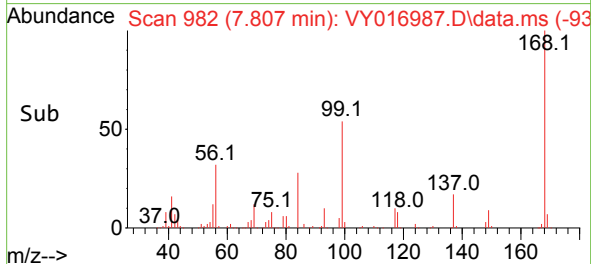
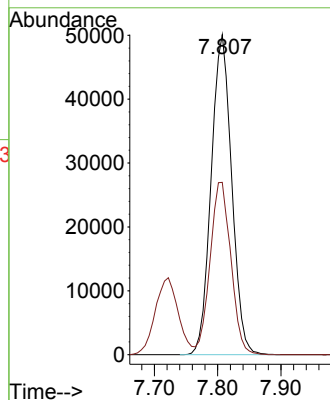
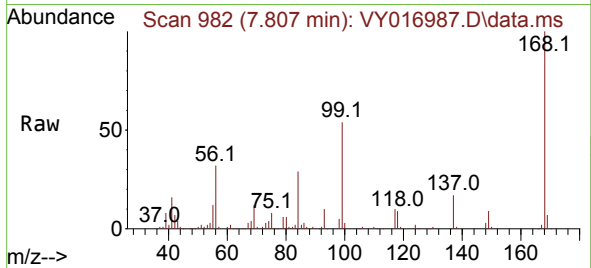
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

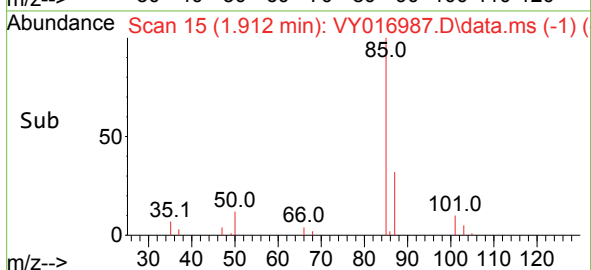
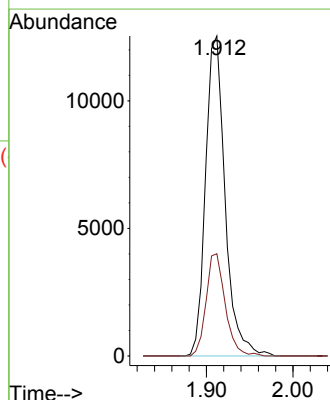
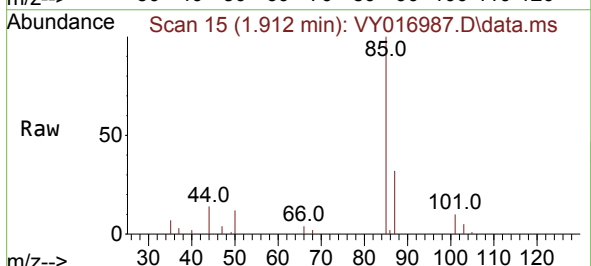
Instrument :
MSVOA_Y
ClientSampleId :

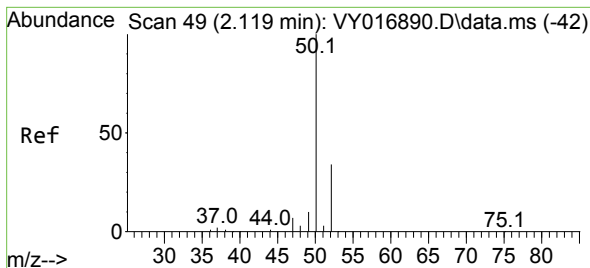
Tgt Ion:168 Resp: 112743
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.285 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 85 Resp: 19660
Ion Ratio Lower Upper
85 100
87 32.0 17.1 51.3





#3

Chloromethane

Concen: 20.529 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

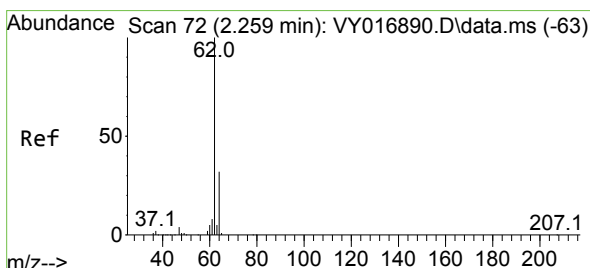
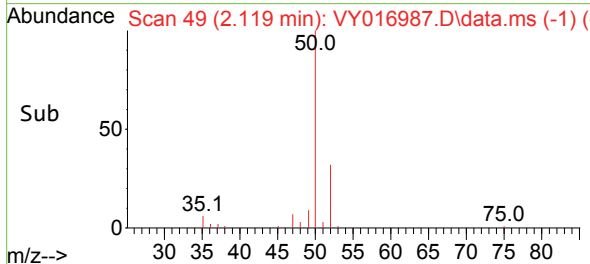
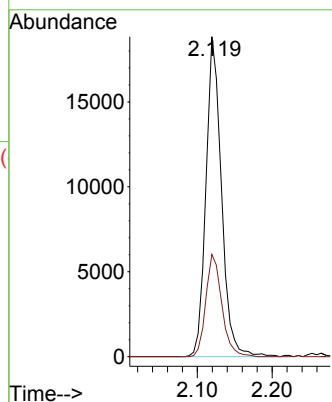
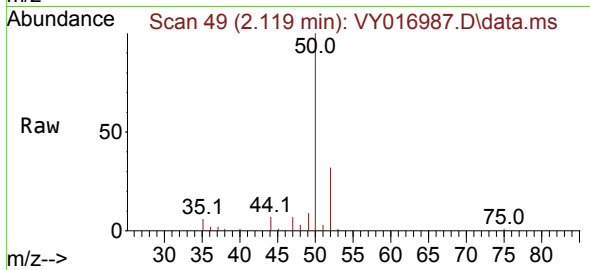
ClientSampleId :

Tgt Ion: 50 Resp: 27189

Ion Ratio Lower Upper

50 100

52 32.0 26.7 40.1



#4

Vinyl Chloride

Concen: 21.245 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.001 min

Lab File: VY016987.D

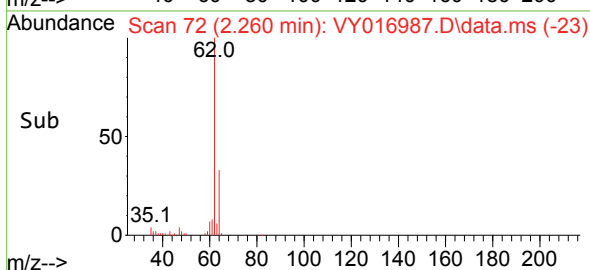
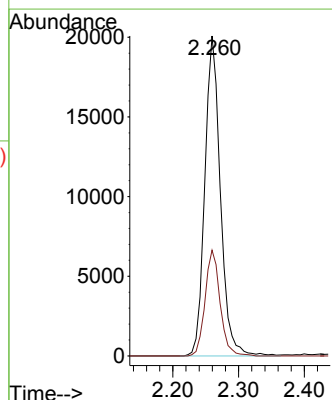
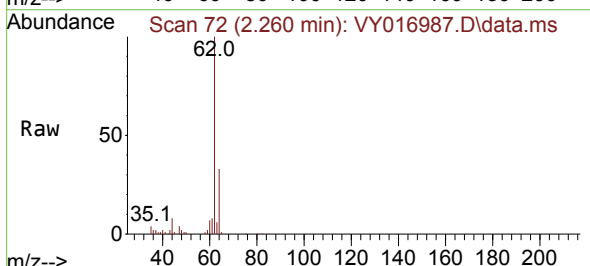
Acq: 12 Jan 2024 12:49

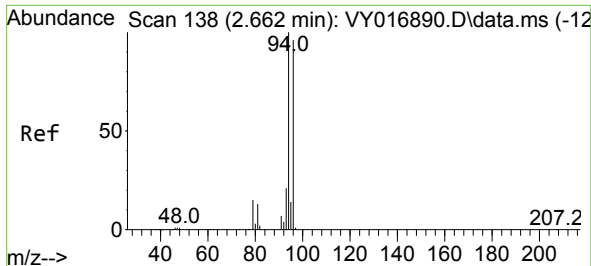
Tgt Ion: 62 Resp: 33189

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 22.137 ug/l

RT: 2.656 min Scan# 138

Delta R.T. -0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

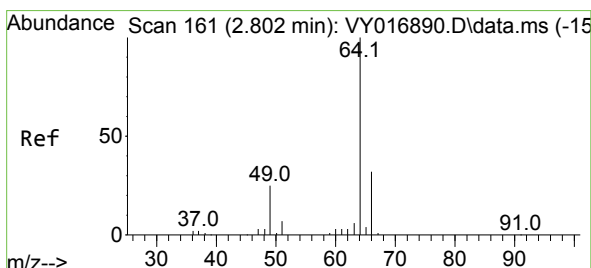
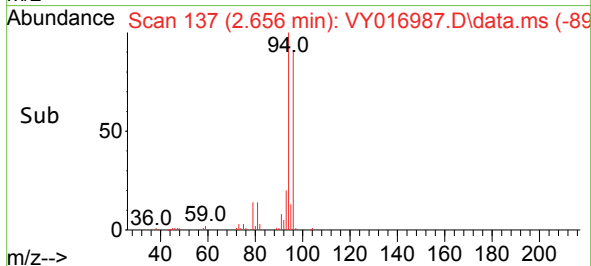
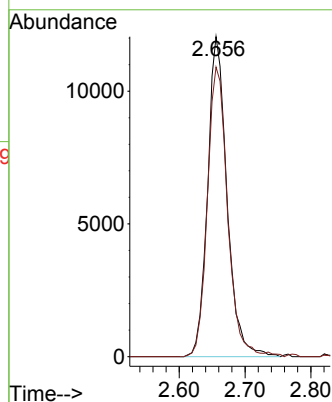
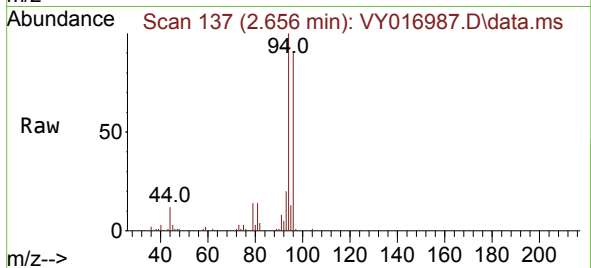
ClientSampleId :

Tgt Ion: 94 Resp: 24775

Ion Ratio Lower Upper

94 100

96 90.5 77.3 115.9



#6

Chloroethane

Concen: 21.429 ug/l

RT: 2.802 min Scan# 161

Delta R.T. -0.006 min

Lab File: VY016987.D

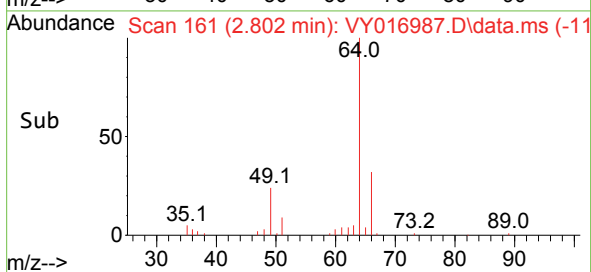
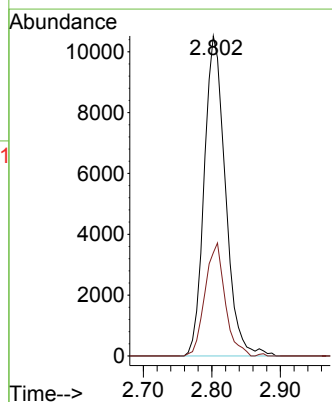
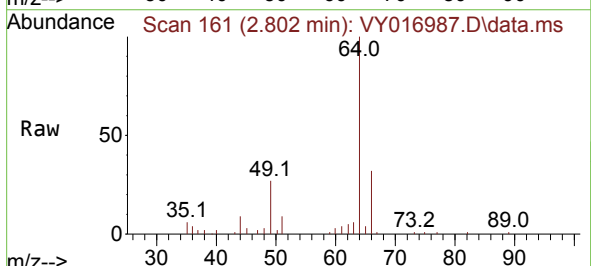
Acq: 12 Jan 2024 12:49

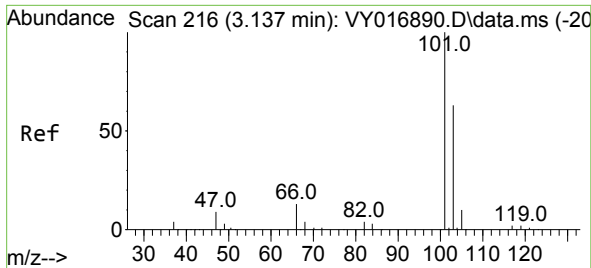
Tgt Ion: 64 Resp: 22645

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7

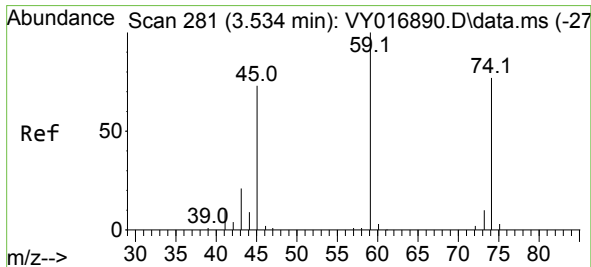
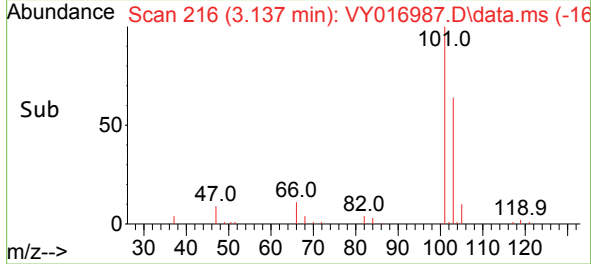
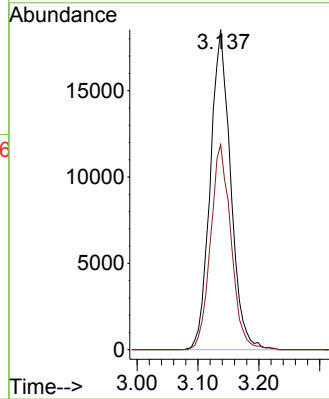
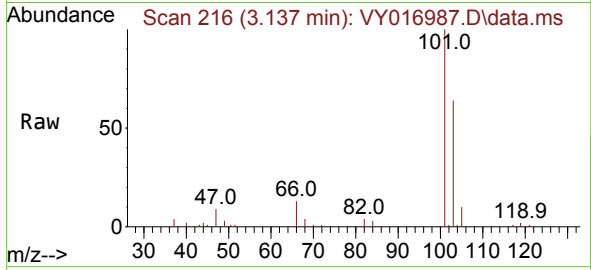




#7
Trichlorofluoromethane
Concen: 22.369 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

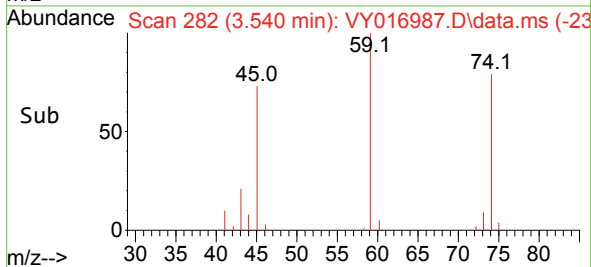
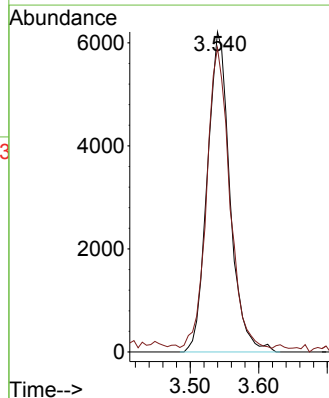
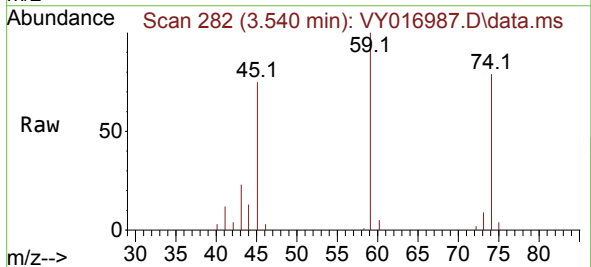
Instrument :
MSVOA_Y
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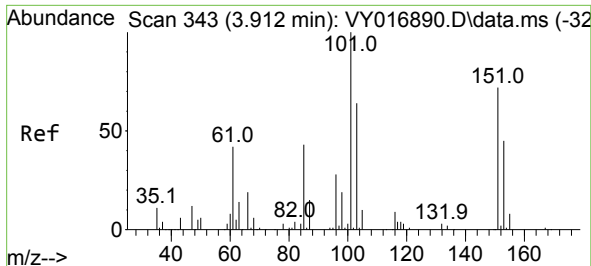
Tgt Ion:101 Resp: 43057
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9



#8
Diethyl Ether
Concen: 23.199 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 74 Resp: 14271
Ion Ratio Lower Upper
74 100
45 95.1 47.9 143.7

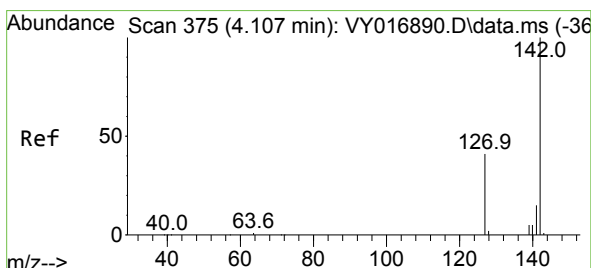
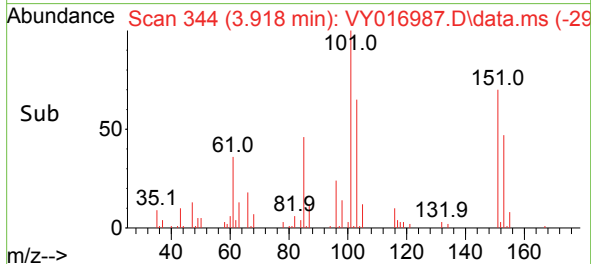
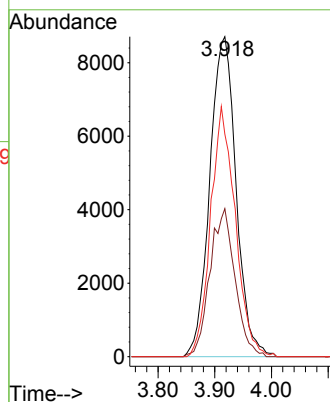
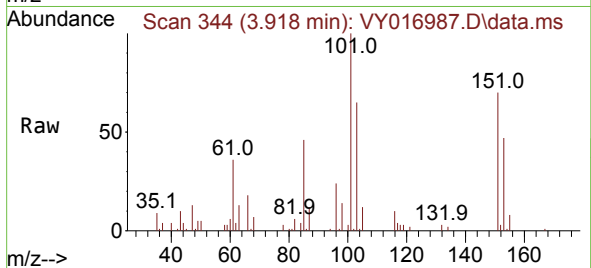




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.418 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.007 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

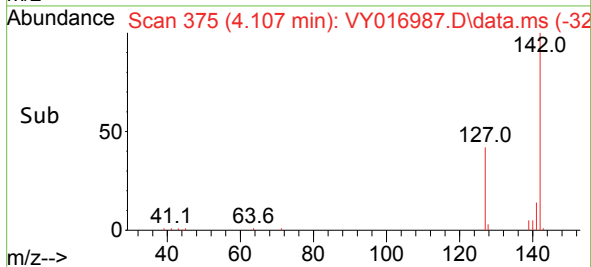
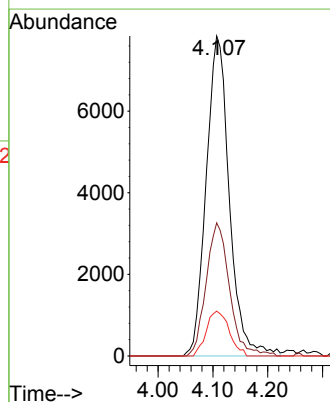
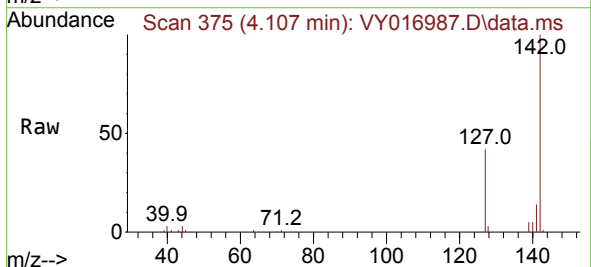
Instrument :
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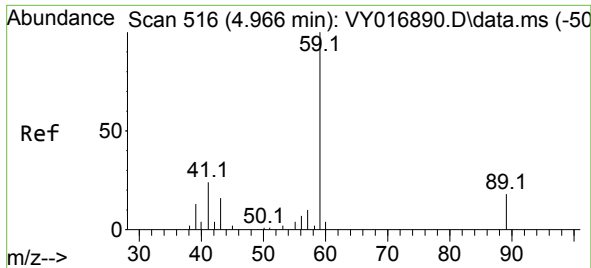
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Ion Ratio Lower Upper
101 100
85 44.2 35.8 53.6
151 73.4 58.6 88.0



#10
Methyl Iodide
Concen: 21.543 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

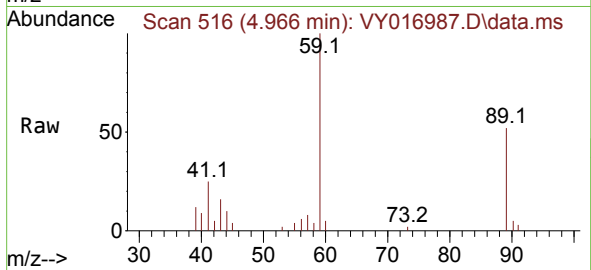
Tgt Ion:142 Resp: 22938
Ion Ratio Lower Upper
142 100
127 42.2 35.1 52.7
141 13.9 11.8 17.6



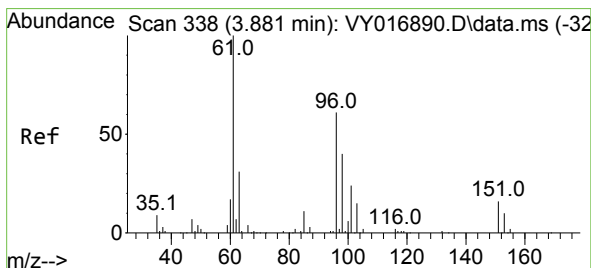
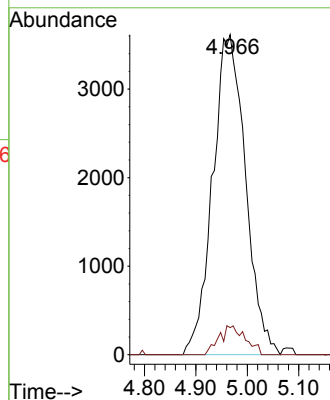
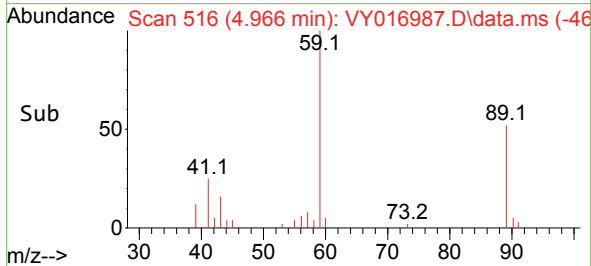


#11
Tert butyl alcohol
Concen: 189.546 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

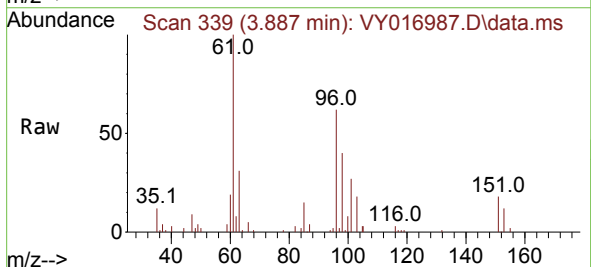
Instrument :
MSVOA_Y
ClientSampleId :



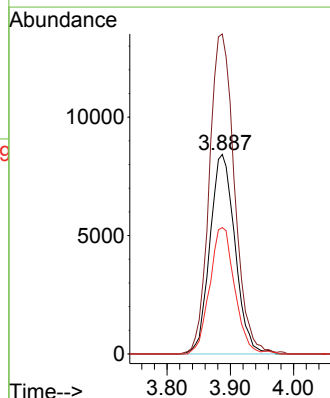
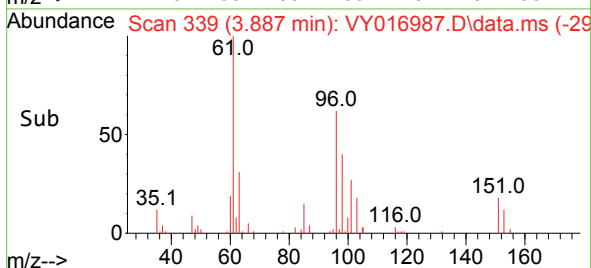
Tgt Ion: 59 Resp: 16016
Ion Ratio Lower Upper
59 100
57 7.2 7.4 11.0#

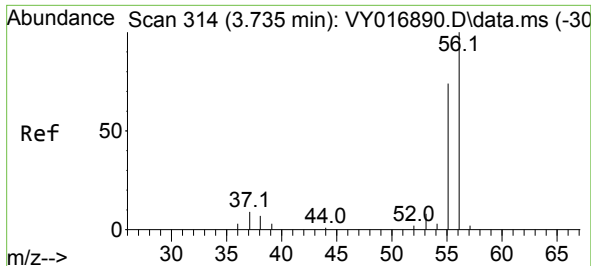


#12
1,1-Dichloroethene
Concen: 21.627 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49



Tgt Ion: 96 Resp: 23224
Ion Ratio Lower Upper
96 100
61 160.4 124.2 186.2
98 63.4 52.6 79.0





#13

Acrolein

Concen: 116.551 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

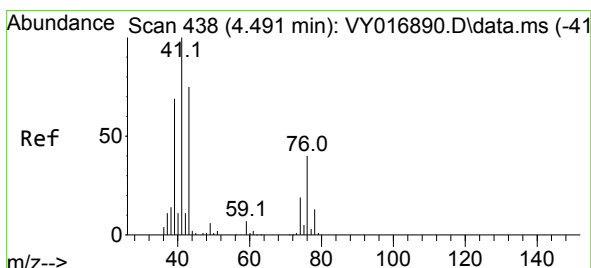
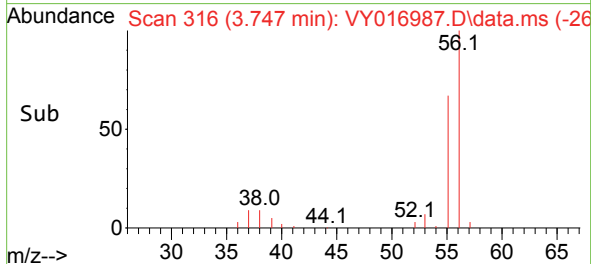
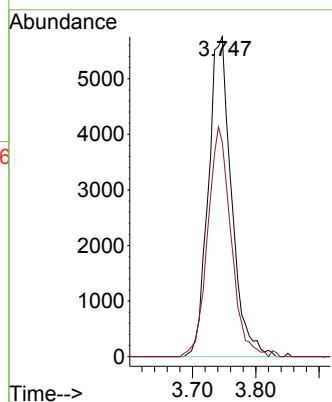
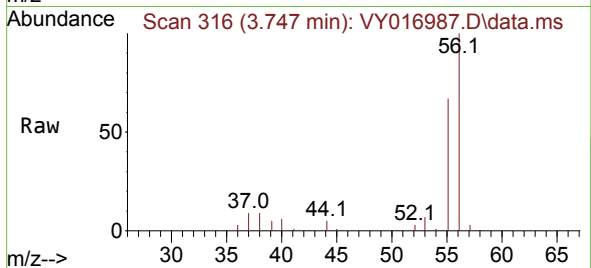
ClientSampleId :

Tgt Ion: 56 Resp: 14673

Ion Ratio Lower Upper

56 100

55 71.8 55.4 83.0



#14

Allyl chloride

Concen: 21.864 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

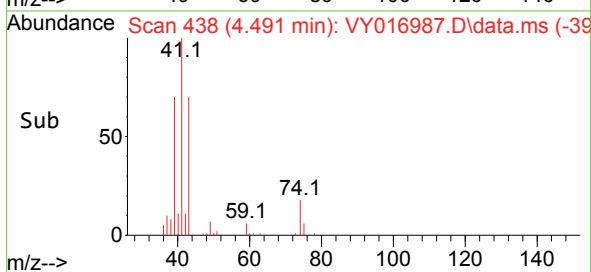
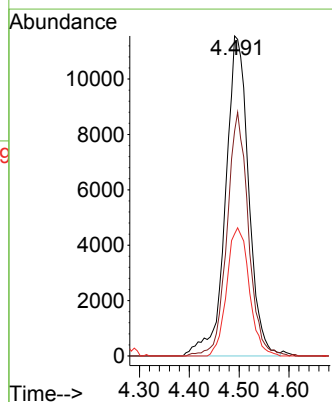
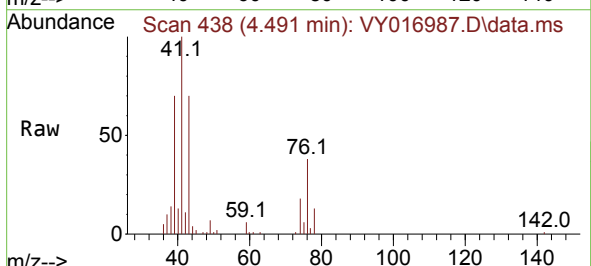
Tgt Ion: 41 Resp: 37116

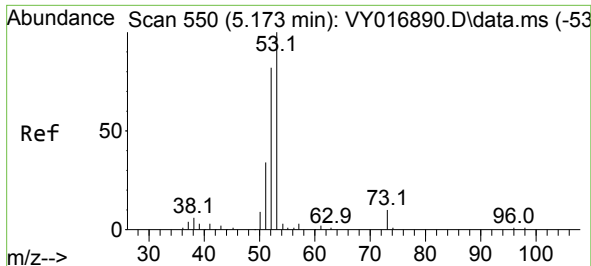
Ion Ratio Lower Upper

41 100

39 70.5 54.7 82.1

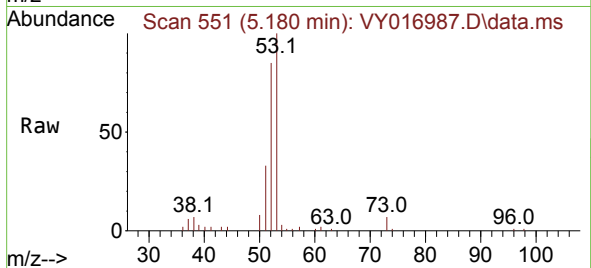
76 39.1 31.8 47.6



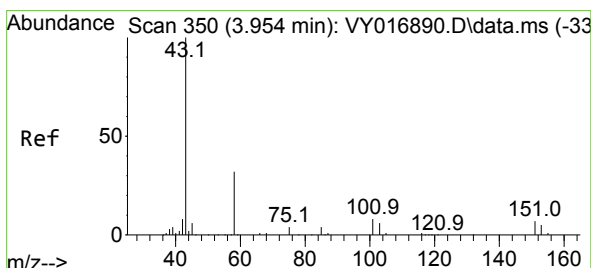
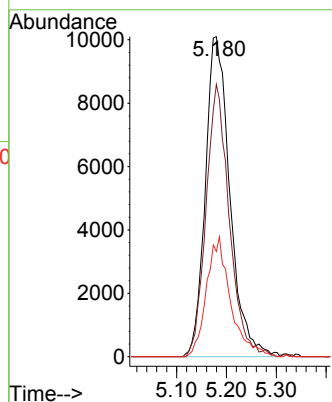
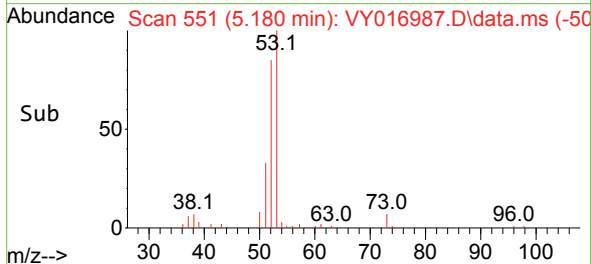


#15
Acrylonitrile
Concen: 120.240 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :

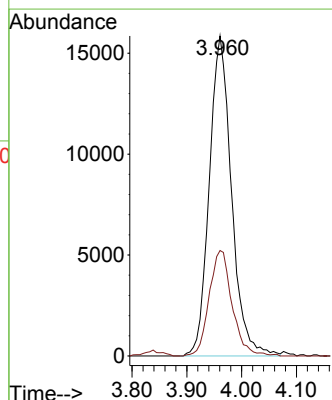
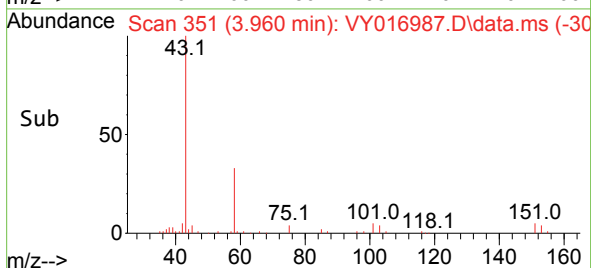
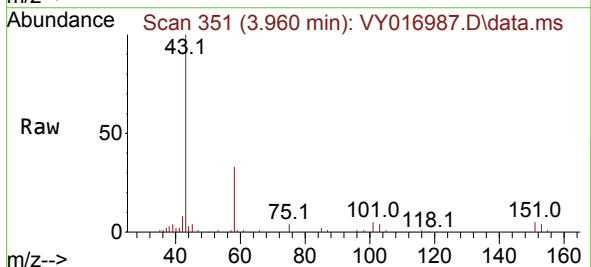


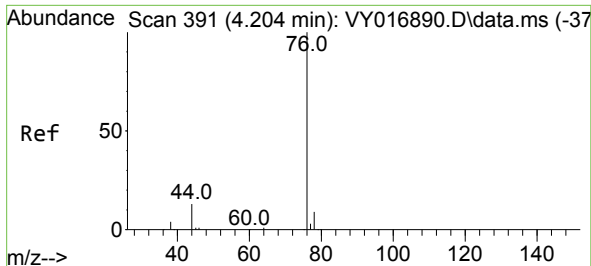
Tgt Ion: 53 Resp: 34597
Ion Ratio Lower Upper
53 100
52 80.4 65.1 97.7
51 36.7 29.0 43.4



#16
Acetone
Concen: 153.144 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 43 Resp: 44627
Ion Ratio Lower Upper
43 100
58 32.9 26.6 39.8





#17

Carbon Disulfide

Concen: 18.331 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

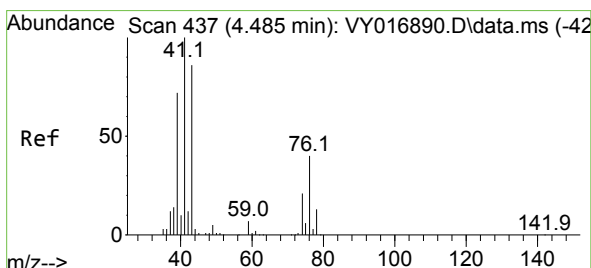
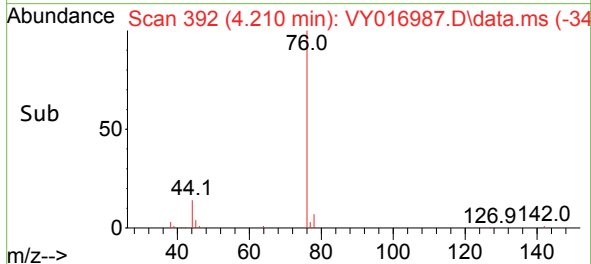
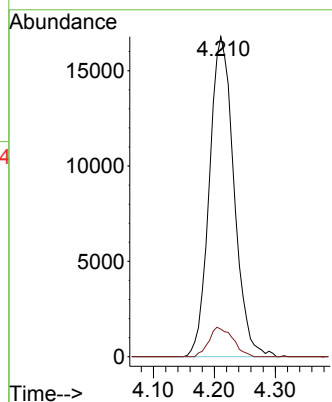
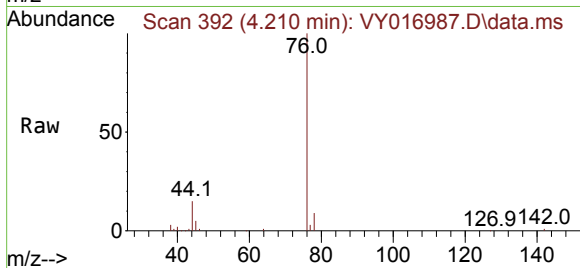
ClientSampleId :

Tgt Ion: 76 Resp: 47035

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0



#18

Methyl Acetate

Concen: 21.248 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016987.D

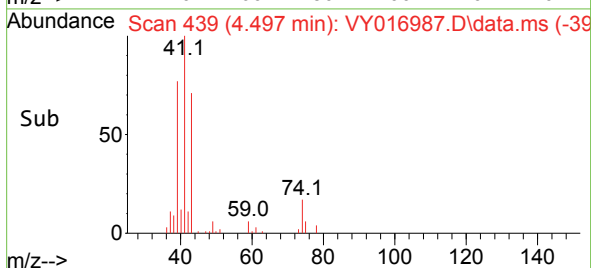
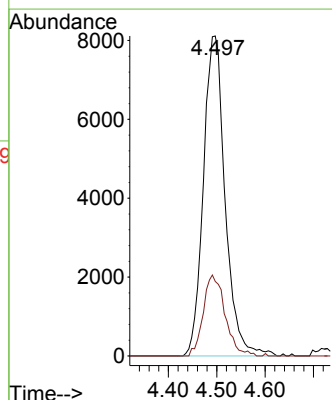
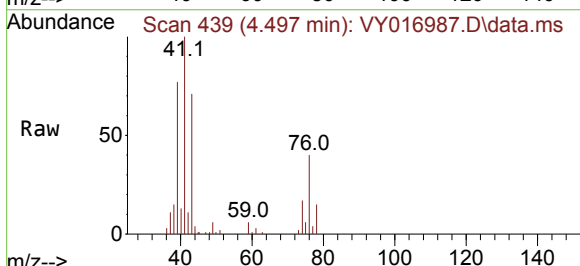
Acq: 12 Jan 2024 12:49

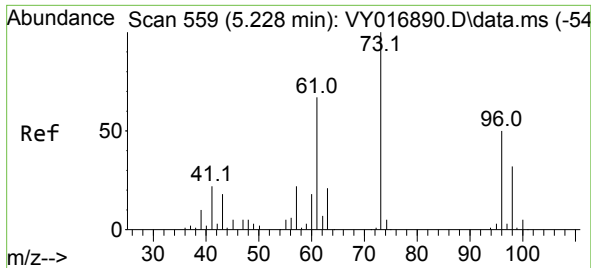
Tgt Ion: 43 Resp: 25367

Ion Ratio Lower Upper

43 100

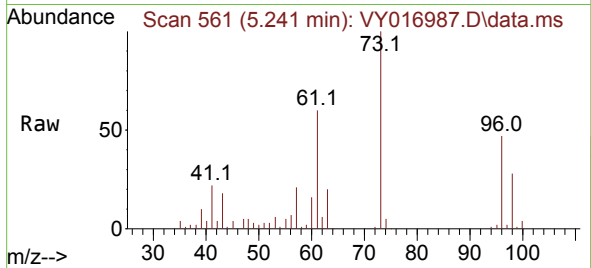
74 25.3 19.8 29.6



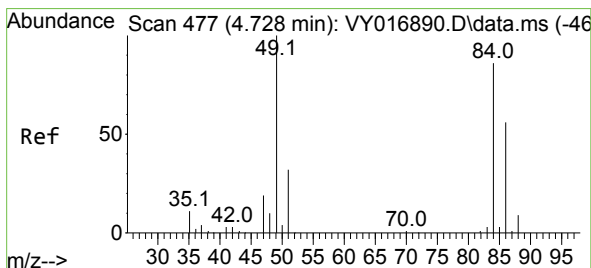
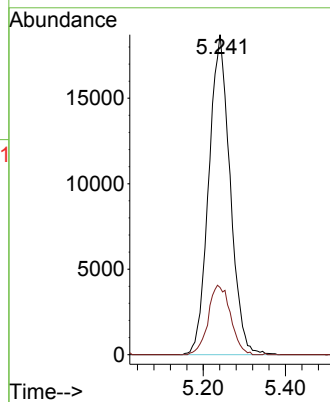
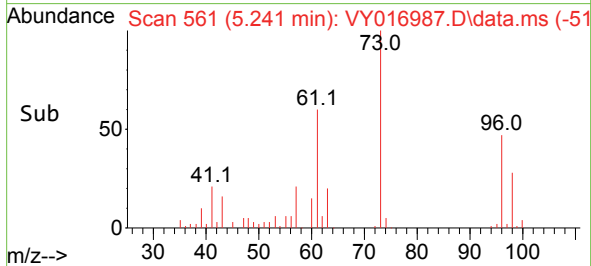


#19
Methyl tert-butyl Ether
Concen: 24.055 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :

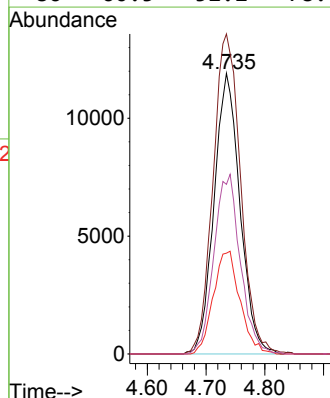
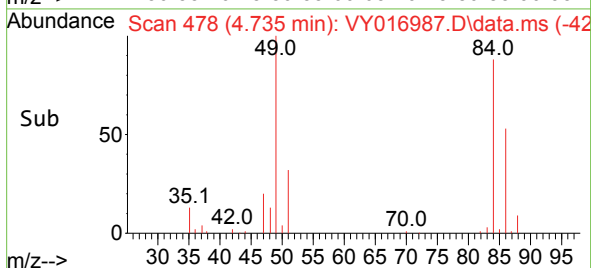
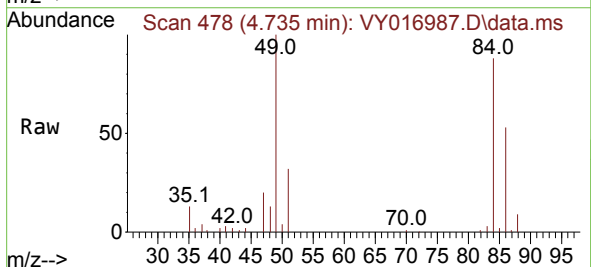


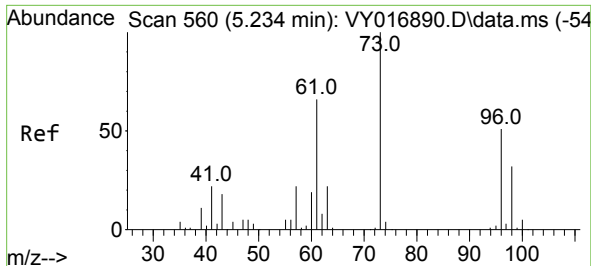
Tgt Ion: 73 Resp: 67203
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 20.656 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 84 Resp: 36492
Ion Ratio Lower Upper
84 100
49 114.1 95.2 142.8
51 36.0 29.9 44.9
86 60.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.980 ug/l

RT: 5.241 min Scan# 5

Delta R.T. 0.001 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

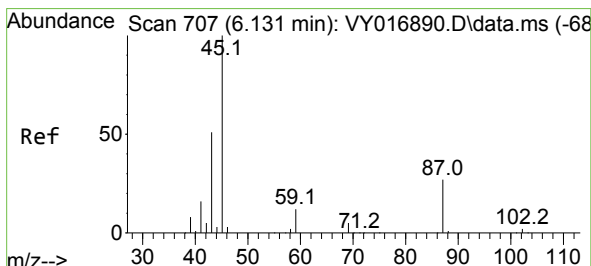
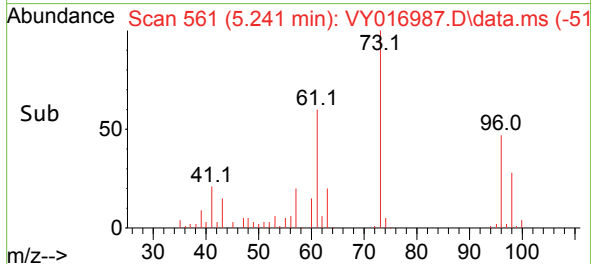
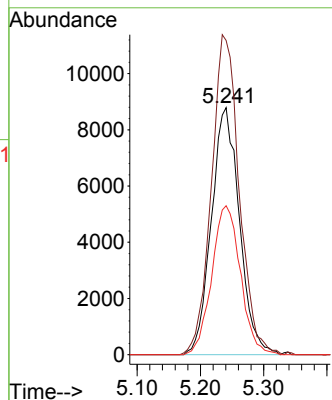
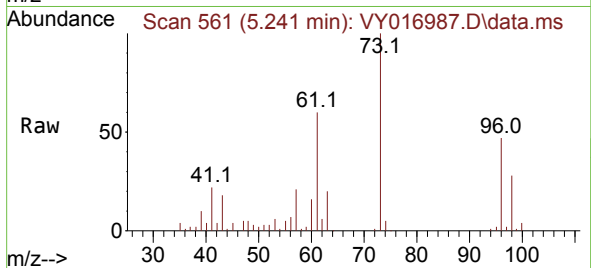
Tgt Ion: 96 Resp: 27033

Ion Ratio Lower Upper

96 100

61 127.2 104.6 156.8

98 60.3 50.9 76.3



#22

Diisopropyl ether

Concen: 23.572 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Tgt Ion: 45 Resp: 92514

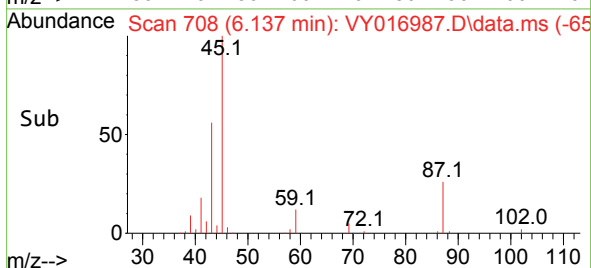
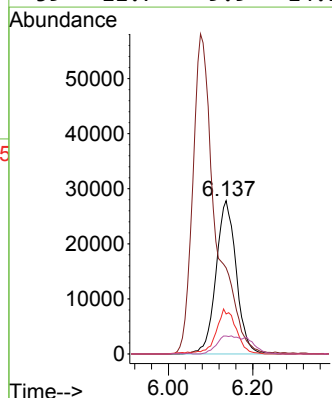
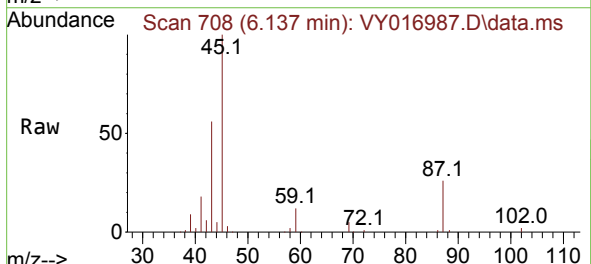
Ion Ratio Lower Upper

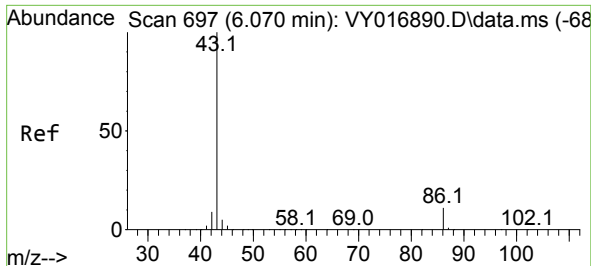
45 100

43 55.6 46.8 70.2

87 26.1 22.2 33.2

59 11.7 9.9 14.9

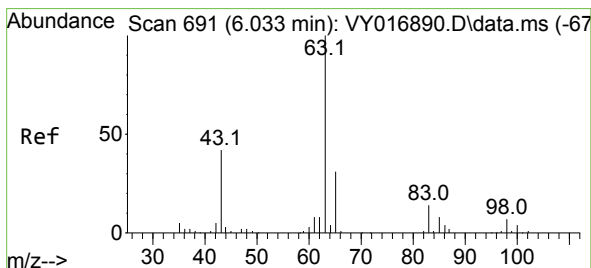
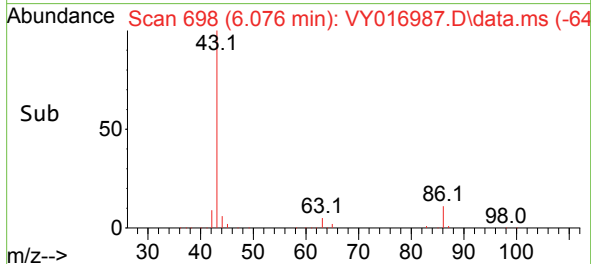
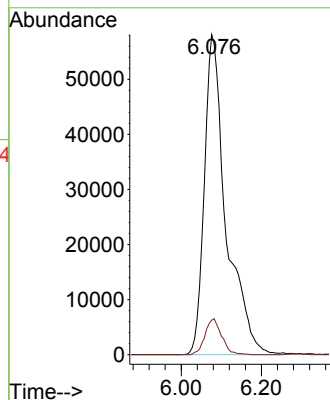
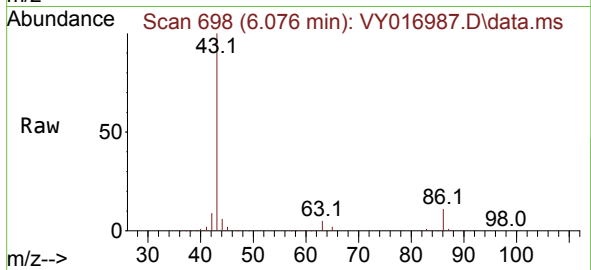




#23
 Vinyl Acetate
 Concen: 121.344 ug/l
 RT: 6.076 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY016987.D
 Acq: 12 Jan 2024 12:49

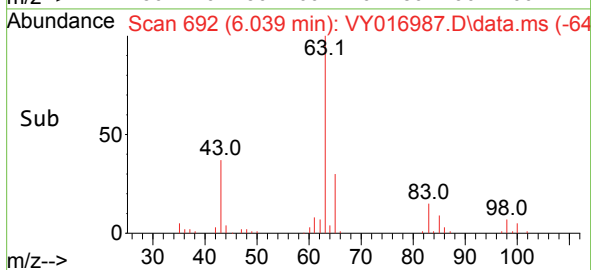
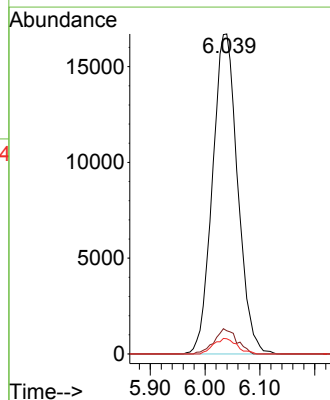
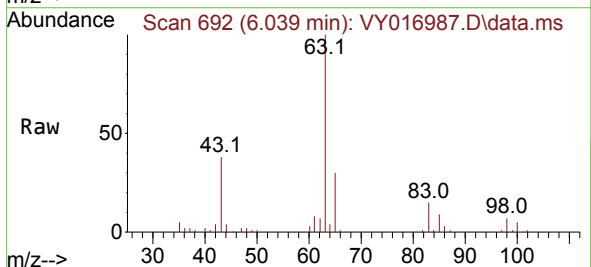
Instrument :
 MSVOA_Y
 ClientSampleId :

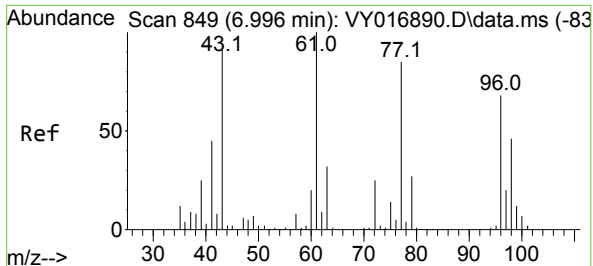
Tgt Ion: 43 Resp: 218367
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.582 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016987.D
 Acq: 12 Jan 2024 12:49

Tgt Ion: 63 Resp: 53260
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 138.969 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

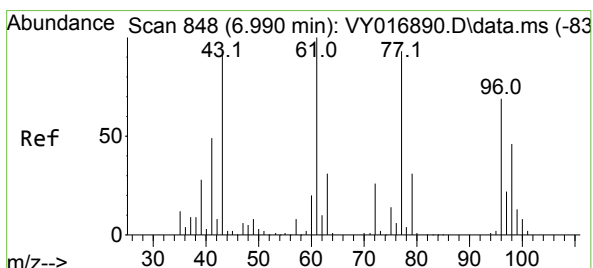
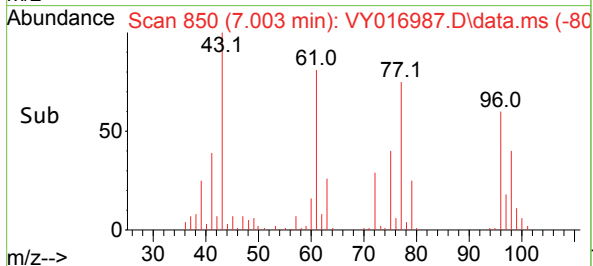
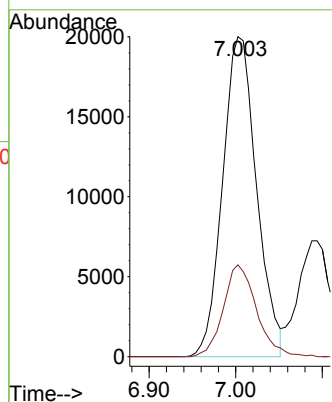
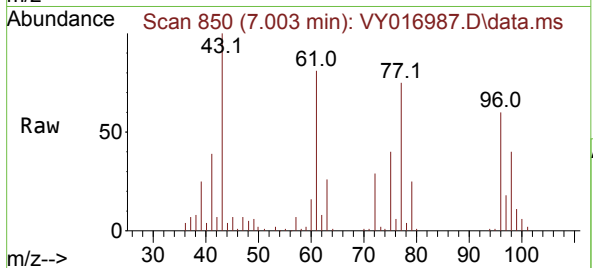
ClientSampleId :

Tgt Ion: 43 Resp: 54483

Ion Ratio Lower Upper

43 100

72 28.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.960 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016987.D

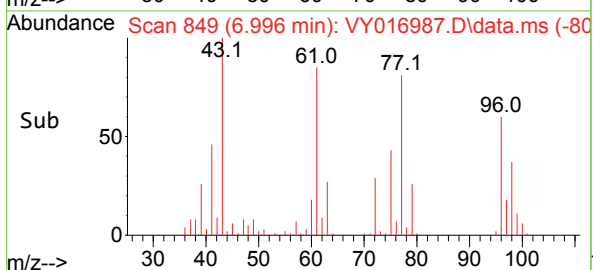
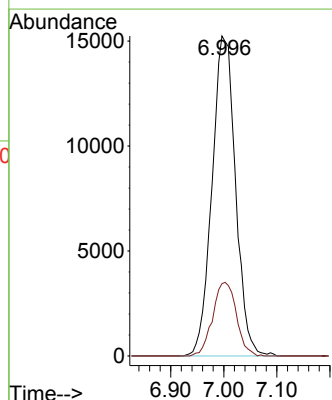
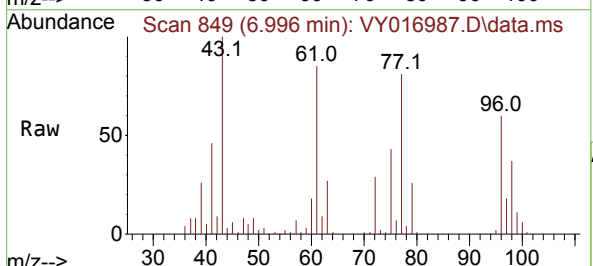
Acq: 12 Jan 2024 12:49

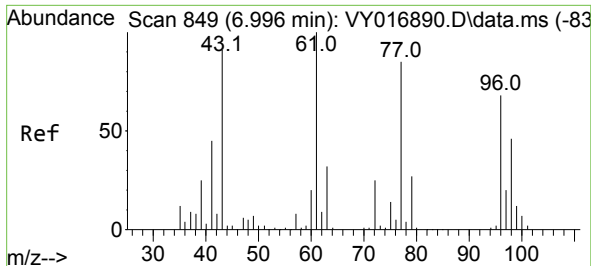
Tgt Ion: 77 Resp: 46951

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 23.124 ug/l

RT: 7.009 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

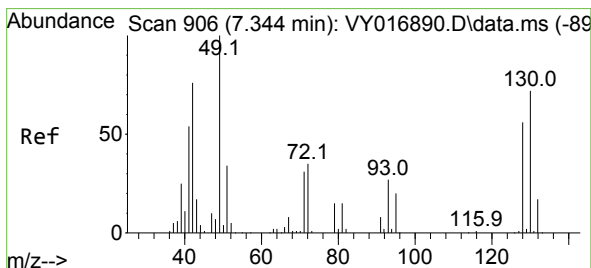
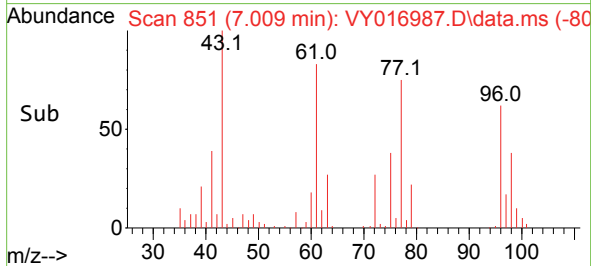
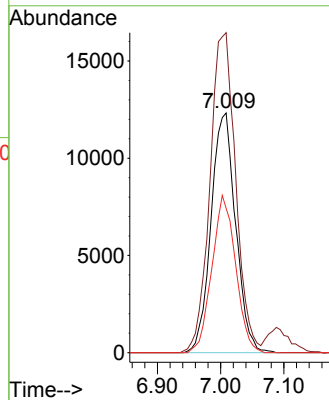
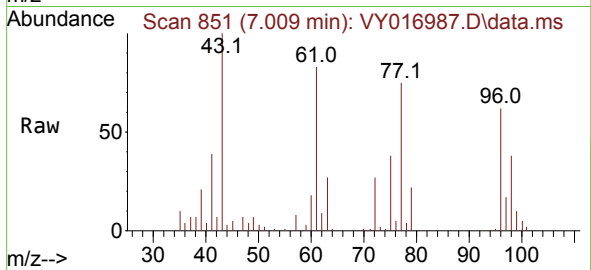
Tgt Ion: 96 Resp: 33338

Ion Ratio Lower Upper

96 100

61 139.3 0.0 278.8

98 63.2 0.0 127.0



#28

Bromochloromethane

Concen: 23.114 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

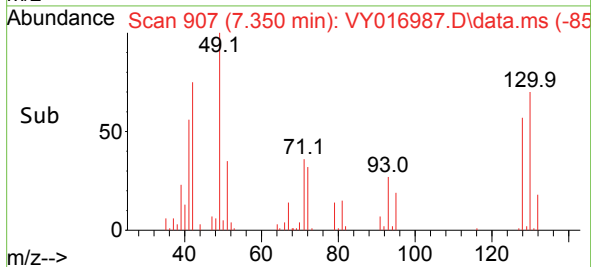
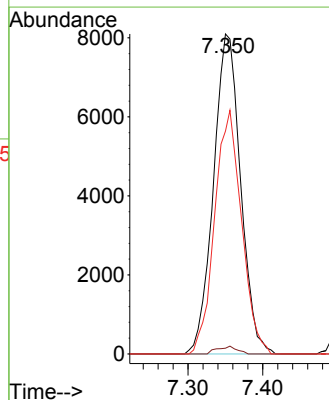
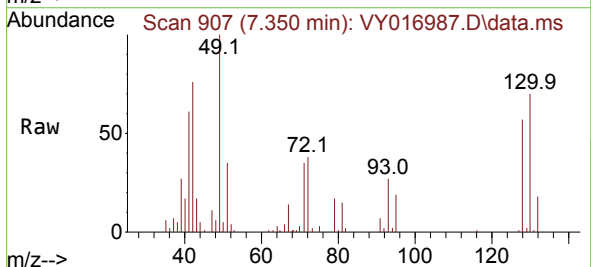
Tgt Ion: 49 Resp: 20466

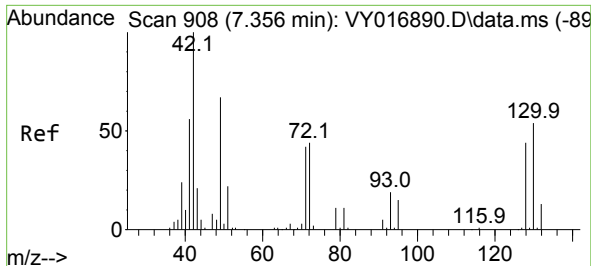
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 75.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 120.023 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

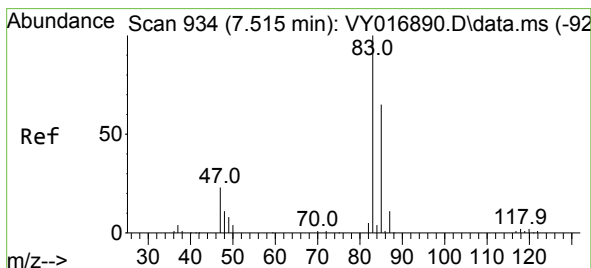
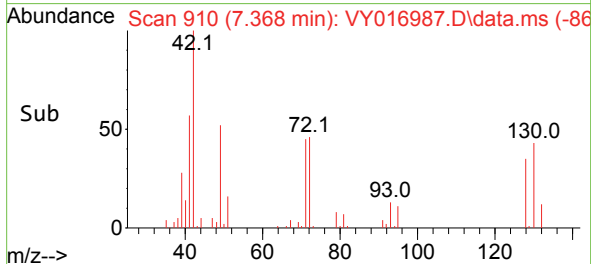
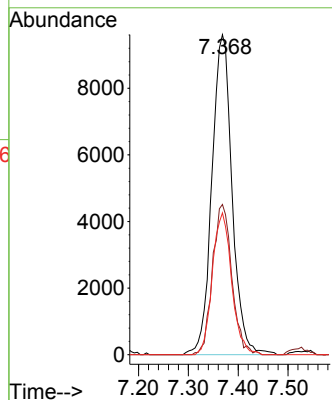
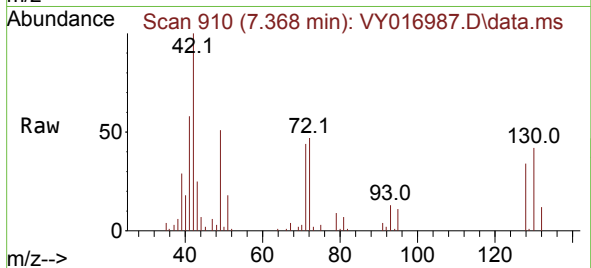
Tgt Ion: 42 Resp: 27069

Ion Ratio Lower Upper

42 100

72 44.9 36.6 54.8

71 42.2 33.8 50.6



#30

Chloroform

Concen: 23.148 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016987.D

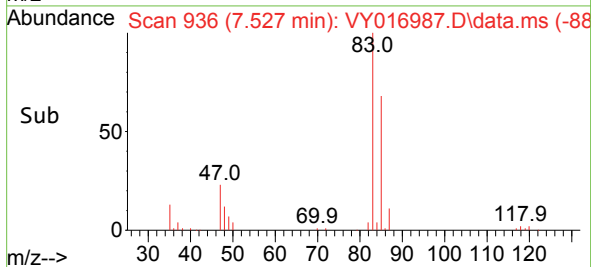
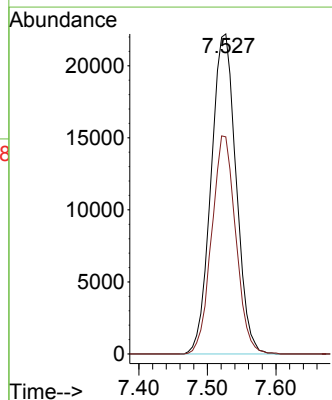
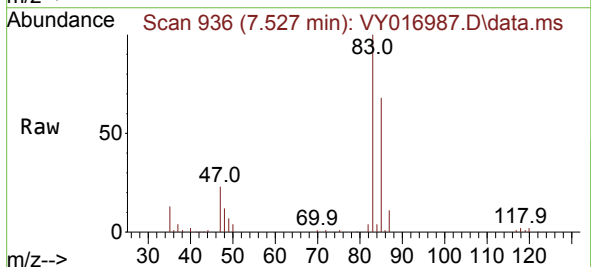
Acq: 12 Jan 2024 12:49

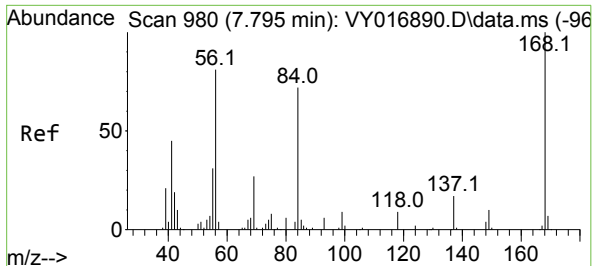
Tgt Ion: 83 Resp: 56259

Ion Ratio Lower Upper

83 100

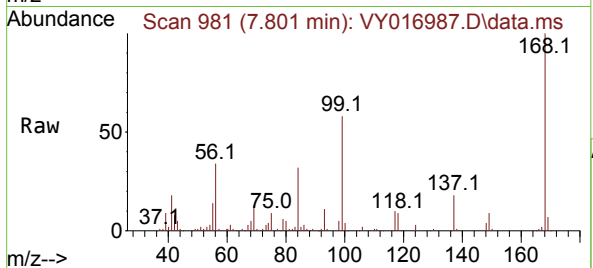
85 67.8 51.2 76.8



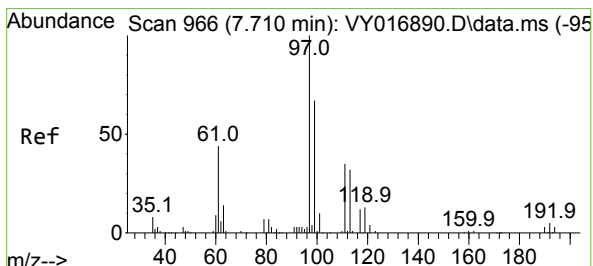
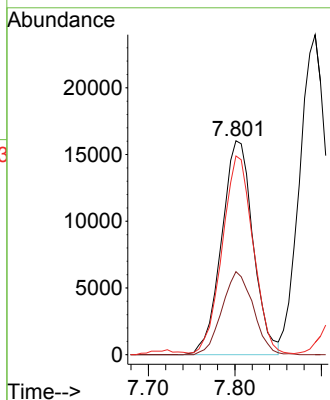
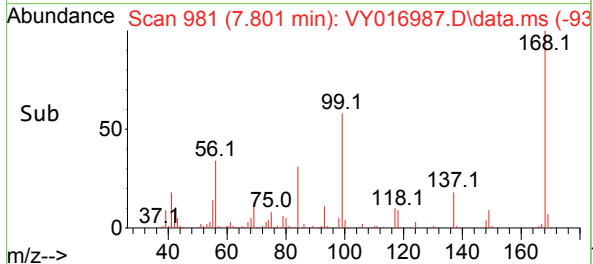


#31
Cyclohexane
Concen: 21.135 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

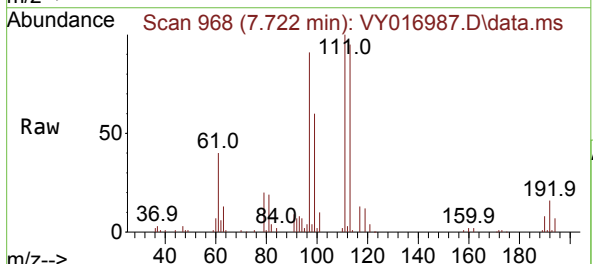
Instrument :
MSVOA_Y
ClientSampleId :



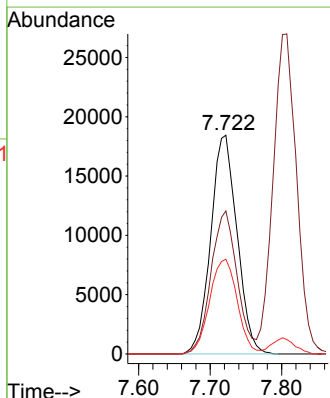
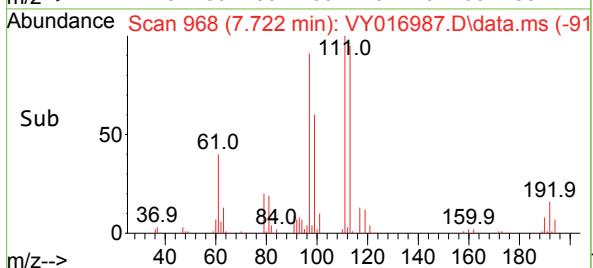
Tgt Ion: 56 Resp: 40420
Ion Ratio Lower Upper
56 100
69 38.8 27.0 40.6
84 91.6 71.8 107.6

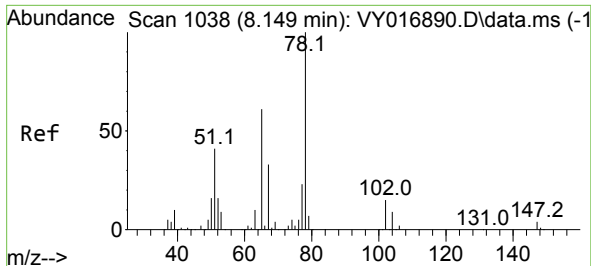


#32
1,1,1-Trichloroethane
Concen: 22.868 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49



Tgt Ion: 97 Resp: 47126
Ion Ratio Lower Upper
97 100
99 65.4 51.2 76.8
61 45.6 35.0 52.6

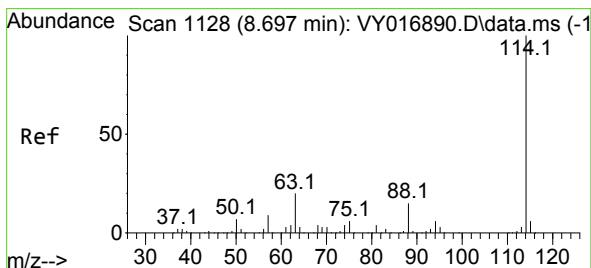
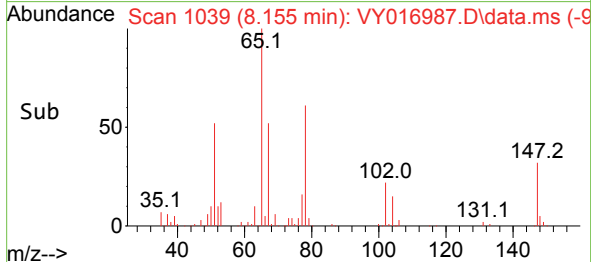
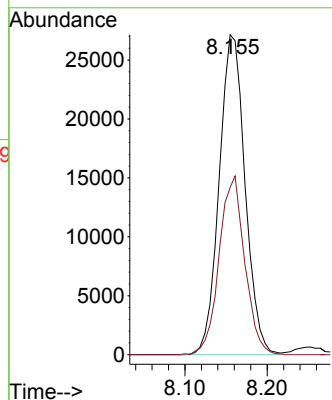
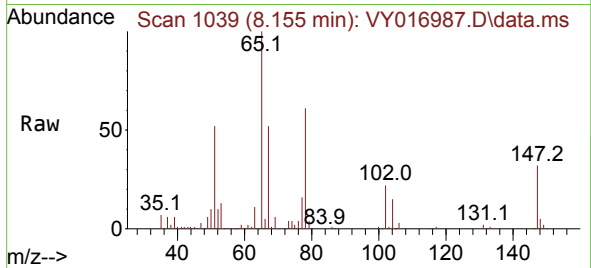




#33
1,2-Dichloroethane-d4
Concen: 53.351 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

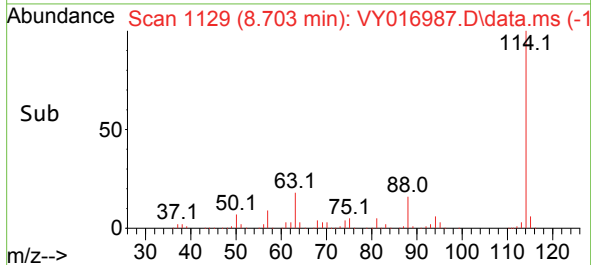
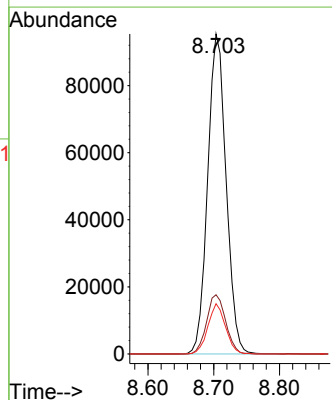
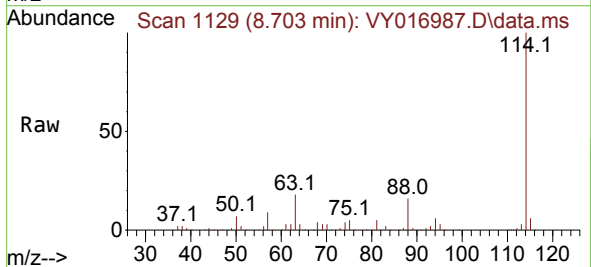
Instrument :
MSVOA_Y
ClientSampleId :

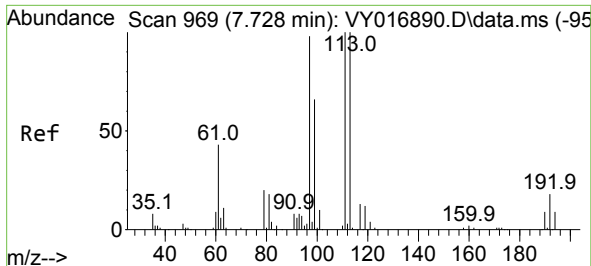
Tgt Ion: 65 Resp: 59450
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion:114 Resp: 186156
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.4
88 15.7 0.0 29.0

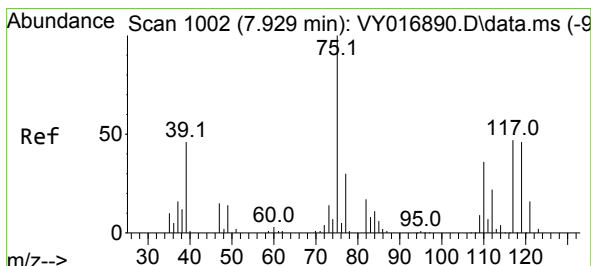
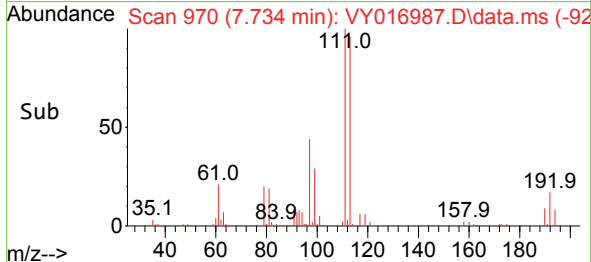
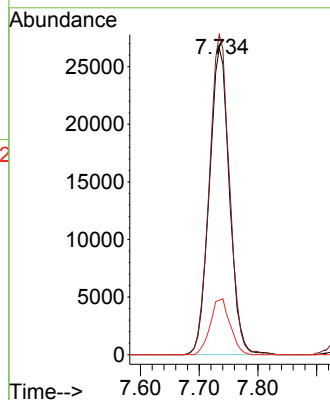
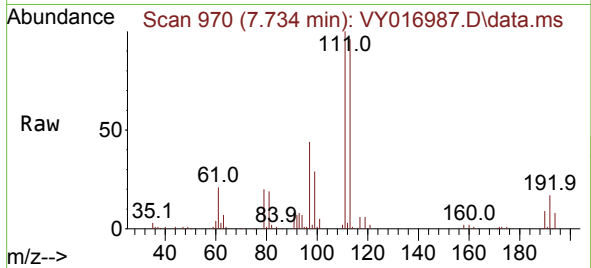




#35
Dibromofluoromethane
Concen: 53.343 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

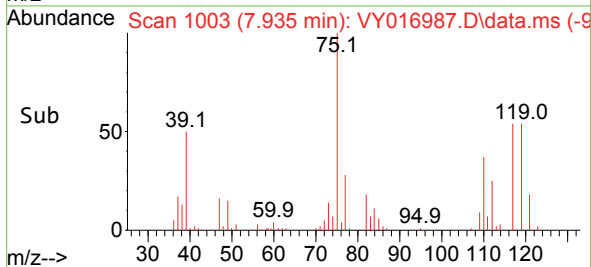
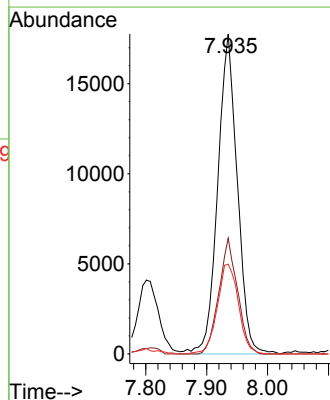
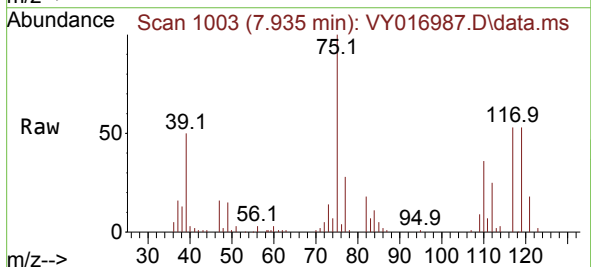
Instrument :
MSVOA_Y
ClientSampleId :

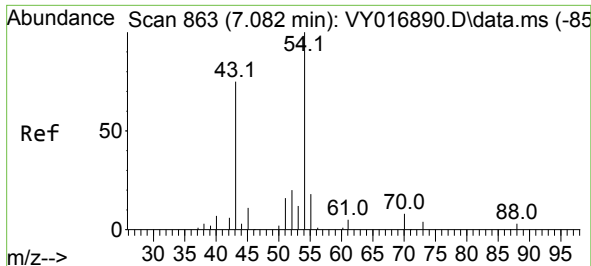
Tgt Ion:113 Resp: 63278
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 22.966 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 75 Resp: 39703
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 30.2 24.7 37.1

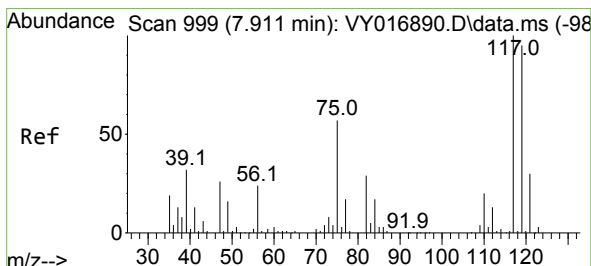
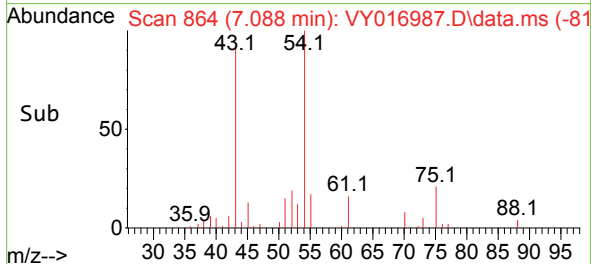
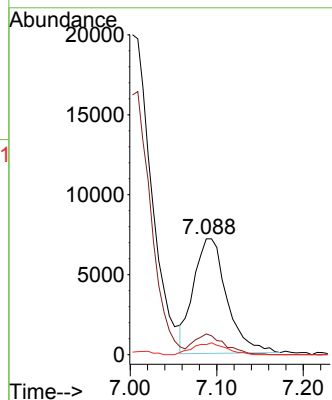
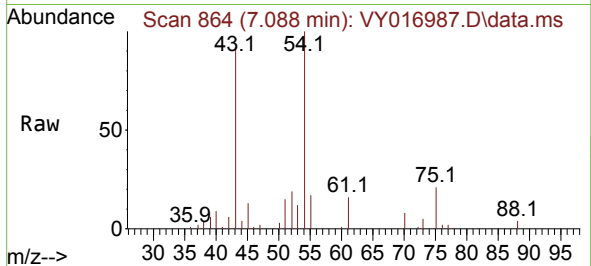




#37
Ethyl Acetate
Concen: 24.432 ug/l
RT: 7.088 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

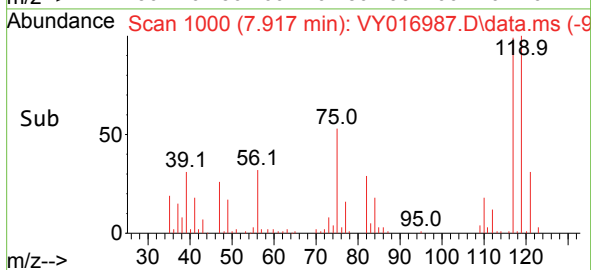
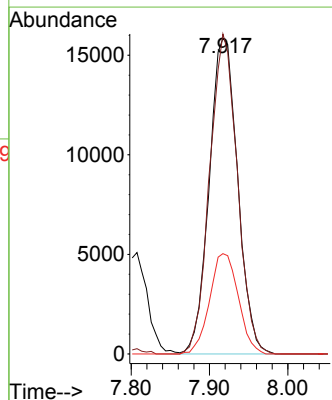
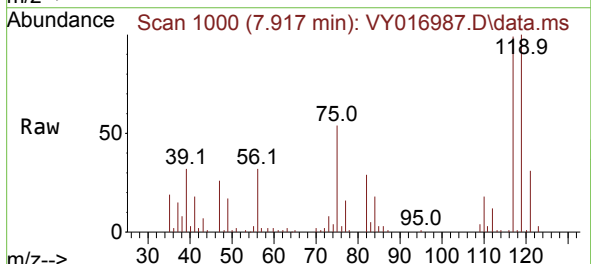
Instrument :
MSVOA_Y
ClientSampleId :

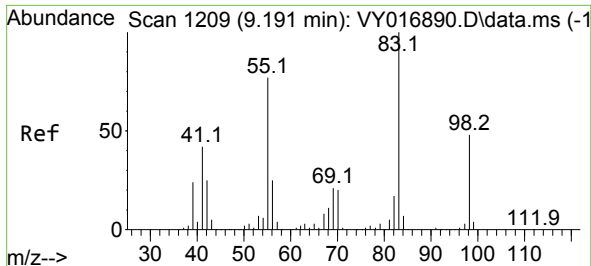
Tgt Ion: 43 Resp: 19195
Ion Ratio Lower Upper
43 100
61 16.4 11.0 16.6
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 22.780 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 117 Resp: 40012
Ion Ratio Lower Upper
117 100
119 101.4 76.0 114.0
121 31.8 24.2 36.2





#39

Methylcyclohexane

Concen: 21.172 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

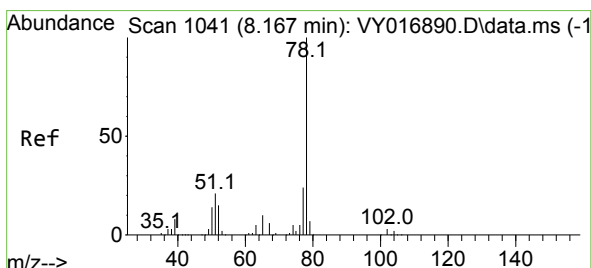
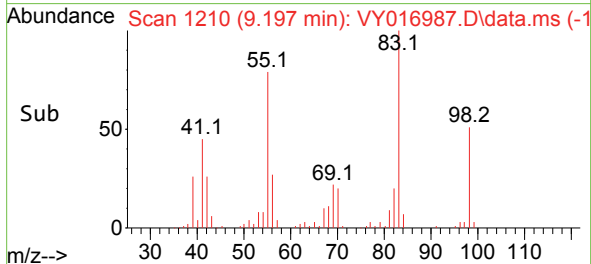
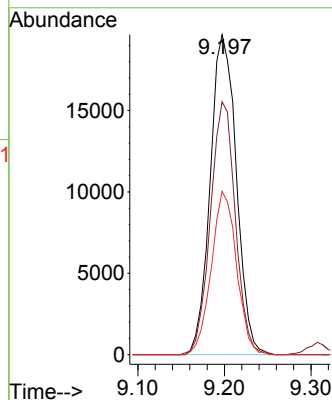
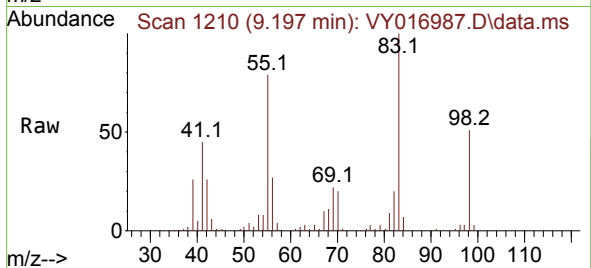
Tgt Ion: 83 Resp: 41148

Ion Ratio Lower Upper

83 100

55 79.0 59.7 89.5

98 51.0 38.0 57.0



#40

Benzene

Concen: 22.831 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016987.D

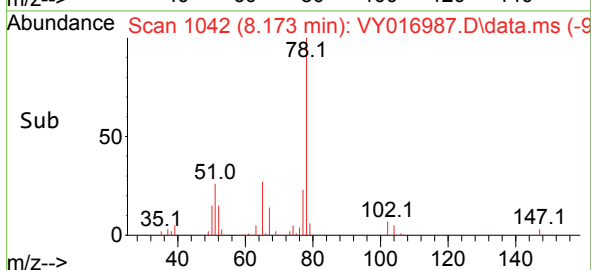
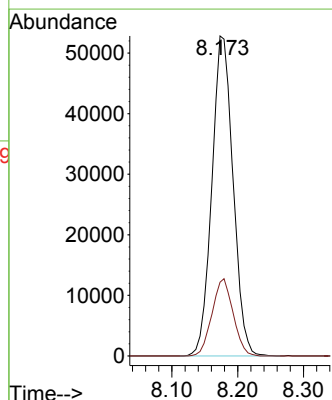
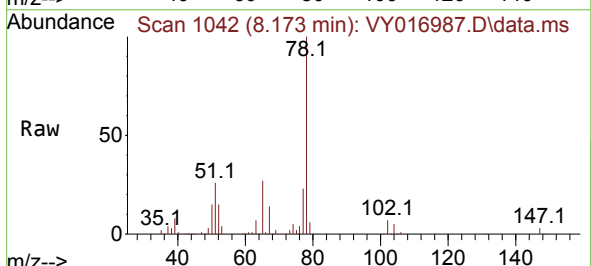
Acq: 12 Jan 2024 12:49

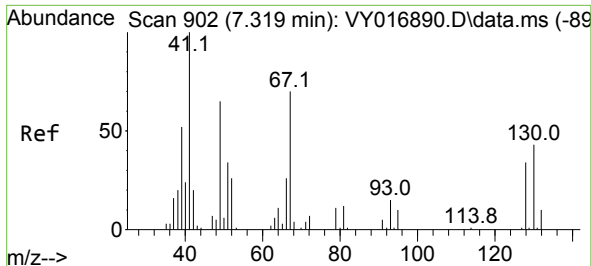
Tgt Ion: 78 Resp: 118400

Ion Ratio Lower Upper

78 100

77 23.1 18.8 28.2

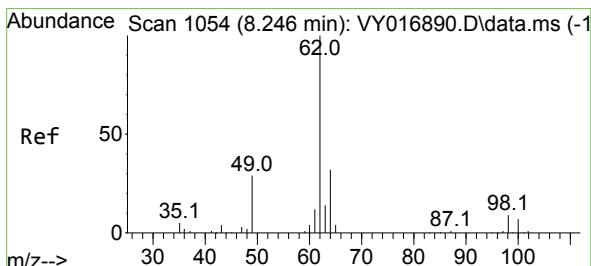
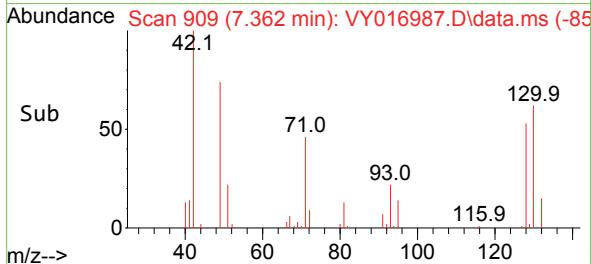
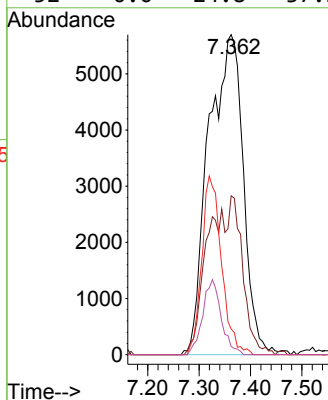
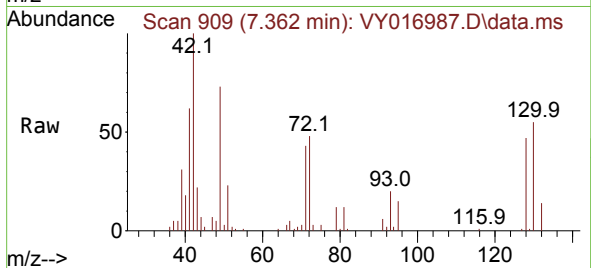




#41
Methacrylonitrile
Concen: 64.256 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

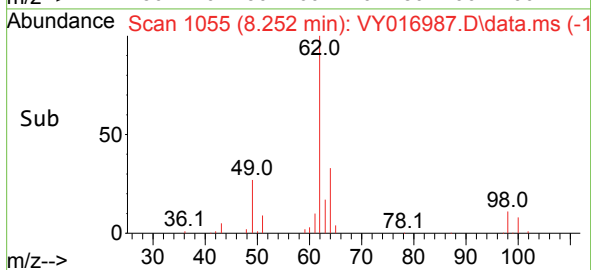
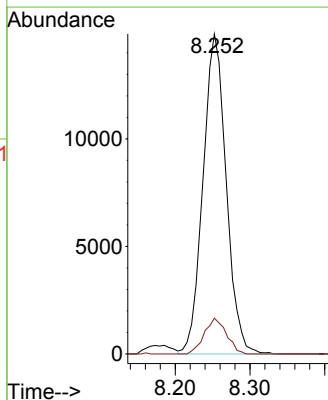
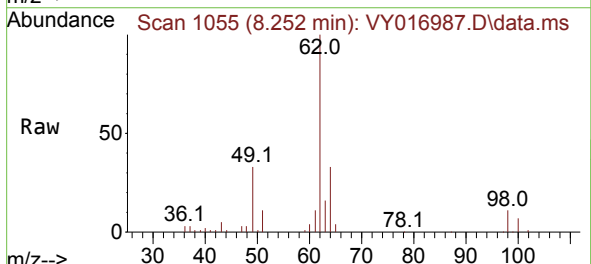
Instrument :
MSVOA_Y
ClientSampleId :

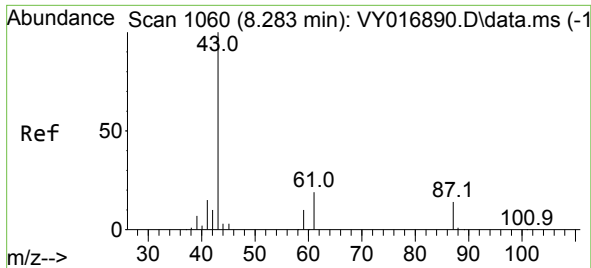
Tgt Ion:	41	Resp:	26587
Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.9	62.9#
67	0.0	59.8	89.6#
52	0.0	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 23.302 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion:	62	Resp:	32081
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.2

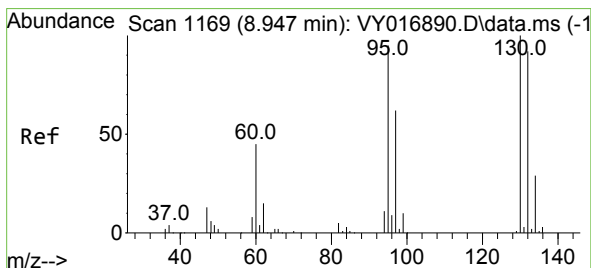
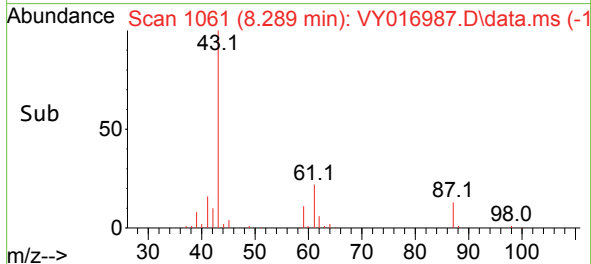
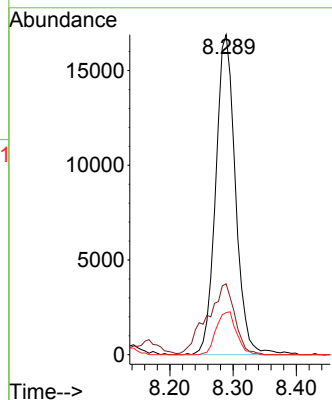
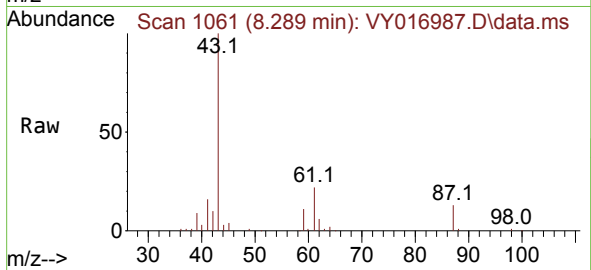




#43
Isopropyl Acetate
Concen: 24.238 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

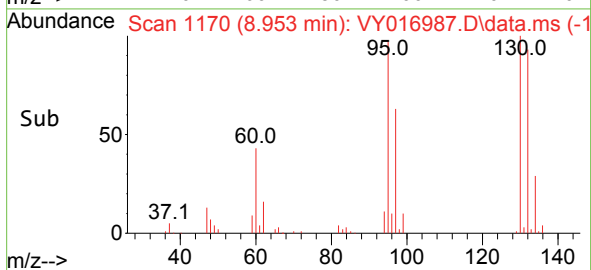
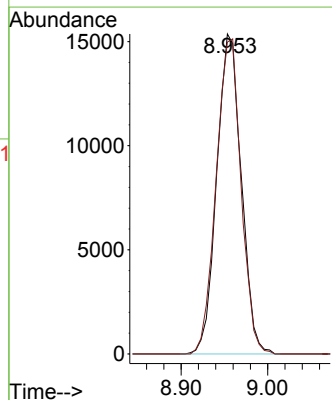
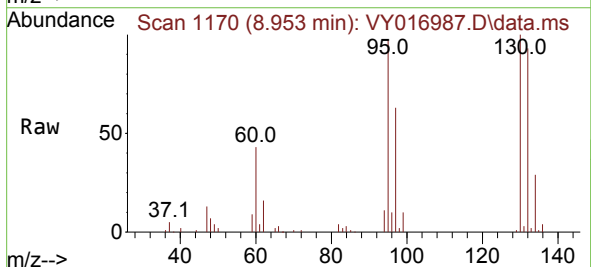
Instrument :
MSVOA_Y
ClientSampleId :

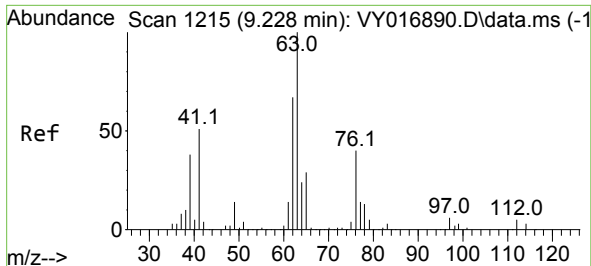
Tgt Ion: 43 Resp: 36465
Ion Ratio Lower Upper
43 100
61 31.3 24.8 37.2
87 13.7 10.7 16.1



#44
Trichloroethene
Concen: 22.881 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion:130 Resp: 30195
Ion Ratio Lower Upper
130 100
95 97.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 23.673 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

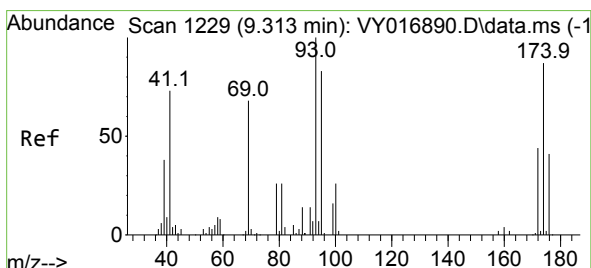
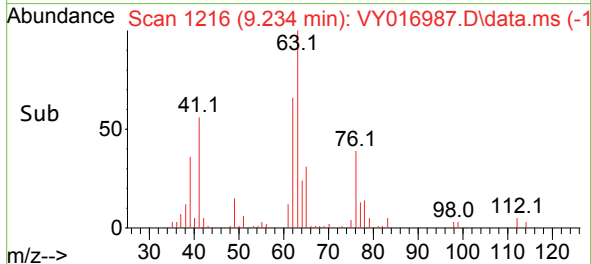
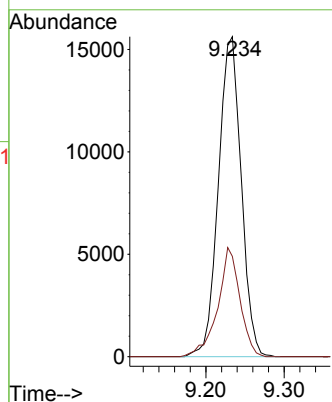
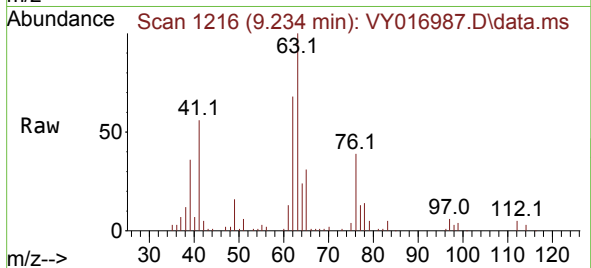
ClientSampleId :

Tgt Ion: 63 Resp: 31628

Ion Ratio Lower Upper

63 100

65 31.4 24.6 36.8



#46

Dibromomethane

Concen: 23.581 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

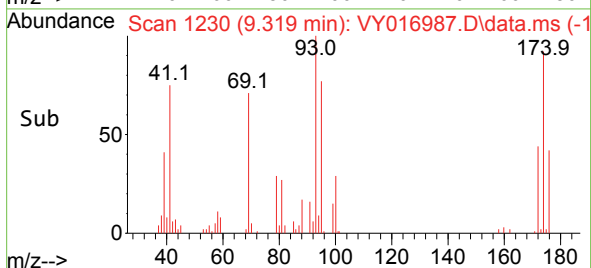
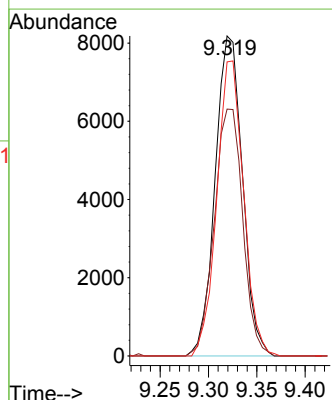
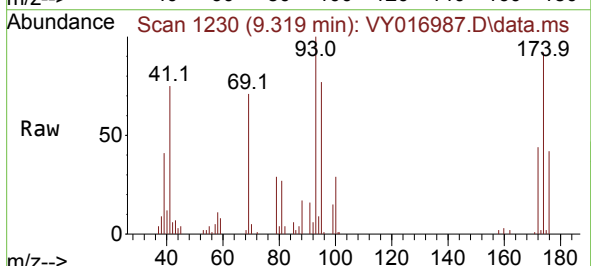
Tgt Ion: 93 Resp: 16068

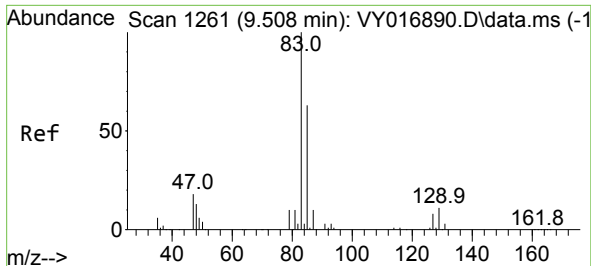
Ion Ratio Lower Upper

93 100

95 80.4 66.6 99.8

174 90.5 73.8 110.6

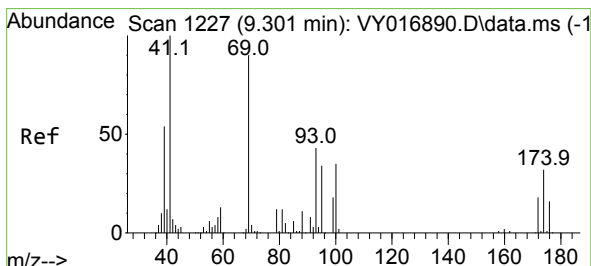
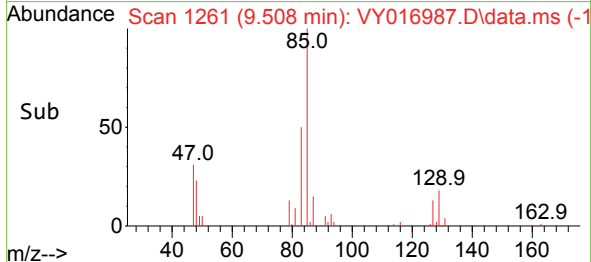
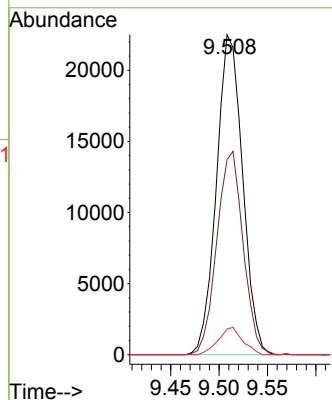
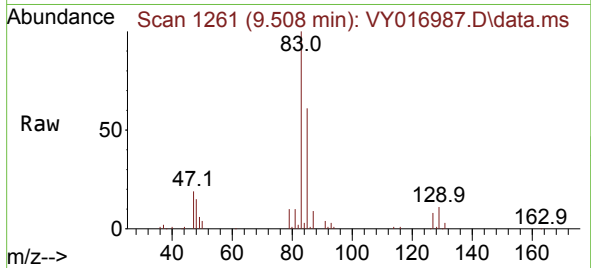




#47
Bromodichloromethane
Concen: 23.122 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

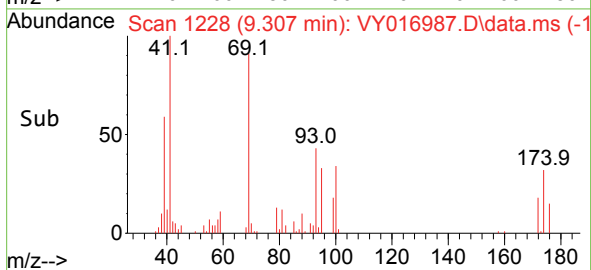
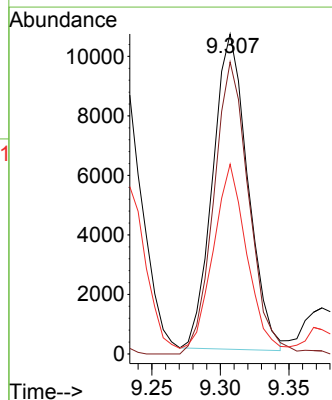
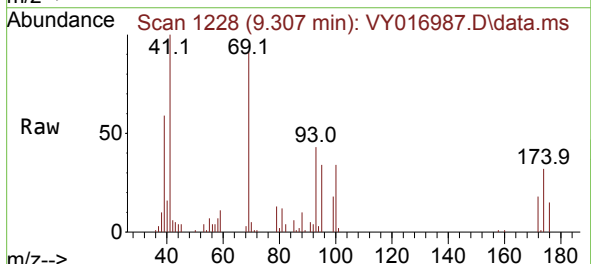
Instrument :
MSVOA_Y
ClientSampleId :

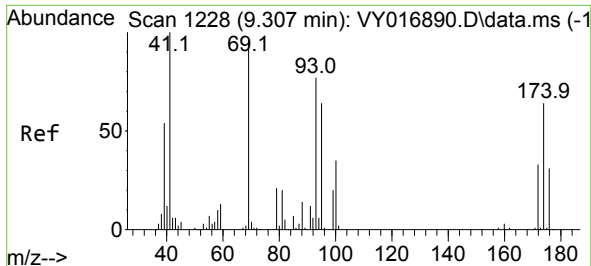
Tgt Ion: 83 Resp: 42308
Ion Ratio Lower Upper
83 100
85 61.0 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 23.246 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 41 Resp: 18874
Ion Ratio Lower Upper
41 100
69 93.1 72.1 108.1
39 59.0 42.8 64.2





#49

1,4-Dioxane

Concen: 461.359 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

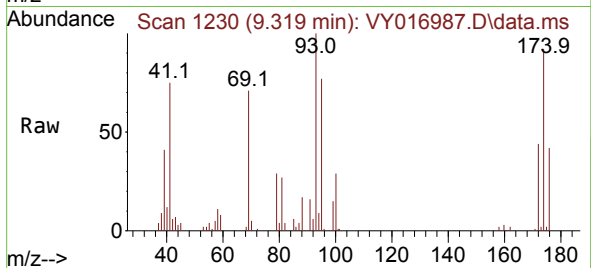
Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :



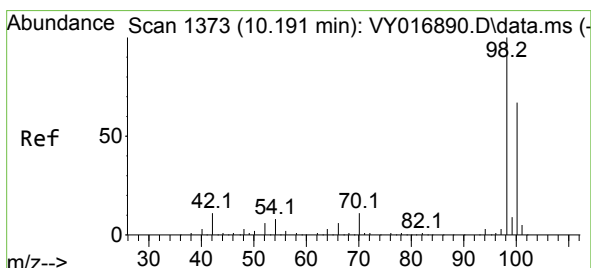
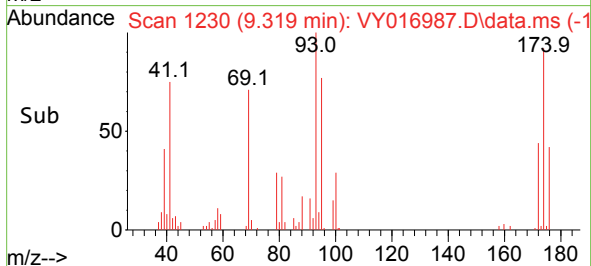
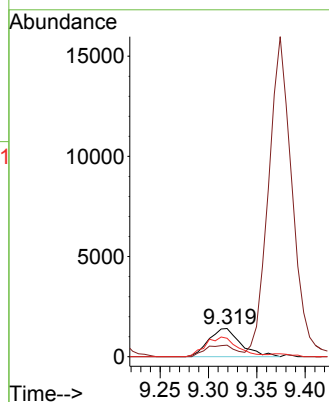
Tgt Ion: 88 Resp: 3255

Ion Ratio Lower Upper

88 100

43 39.2 28.2 42.4

58 69.2 52.2 78.2



#50

Toluene-d8

Concen: 54.390 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016987.D

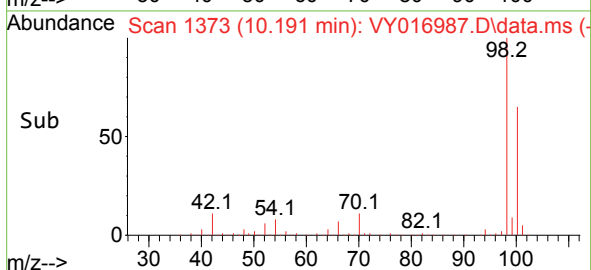
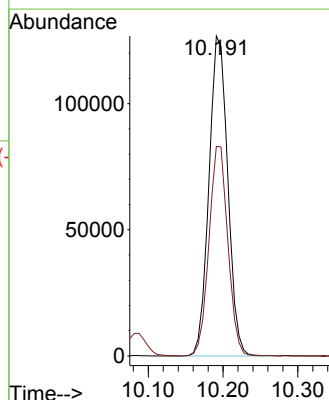
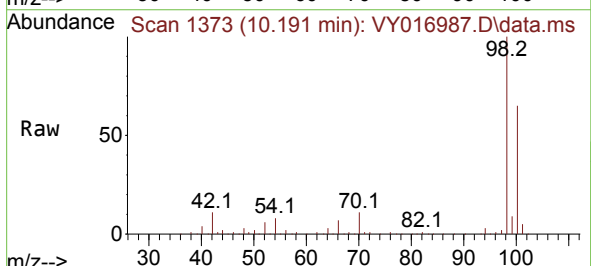
Acq: 12 Jan 2024 12:49

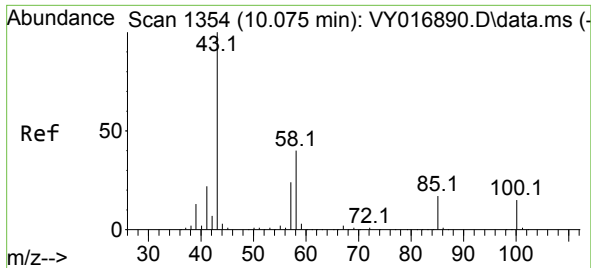
Tgt Ion: 98 Resp: 222178

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5

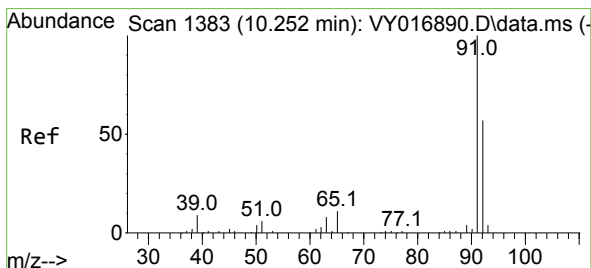
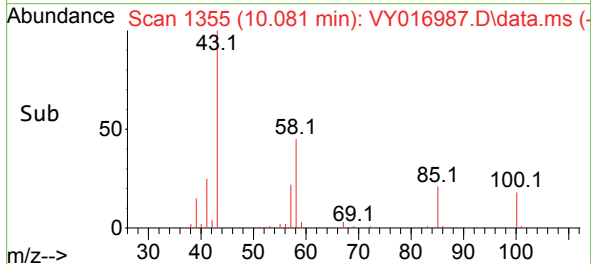
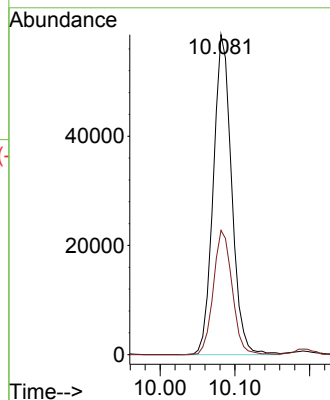
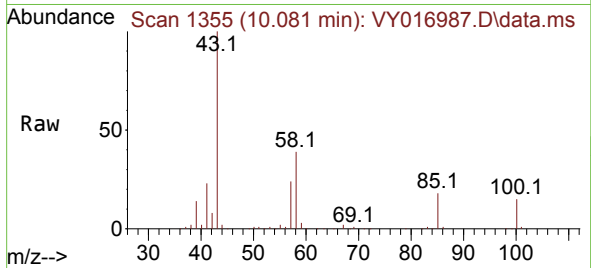




#51
4-Methyl-2-Pentanone
Concen: 125.317 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

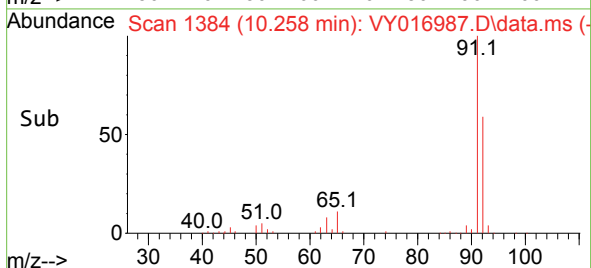
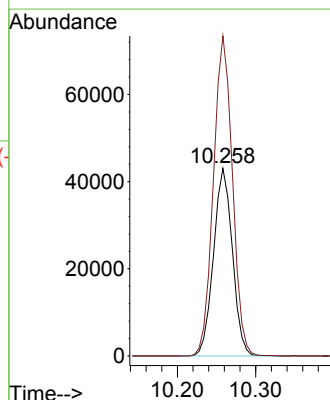
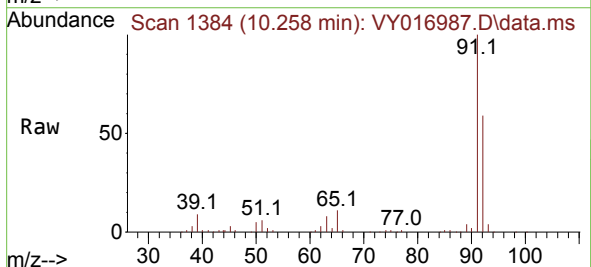
Instrument :
MSVOA_Y
ClientSampleId :

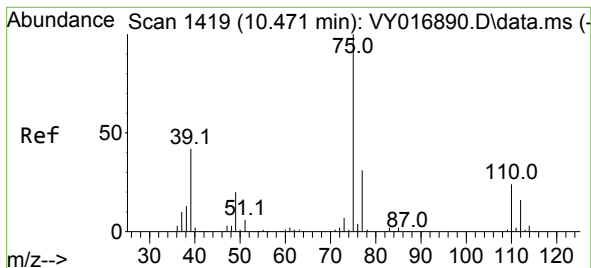
Tgt Ion: 43 Resp: 100267
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.2



#52
Toluene
Concen: 23.054 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 92 Resp: 72153
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4

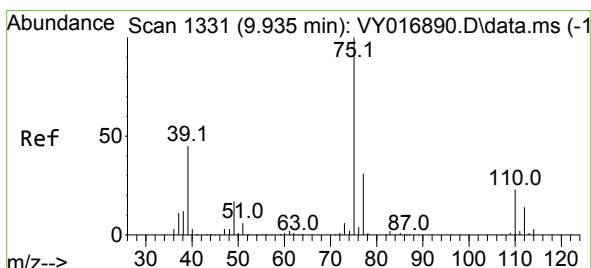
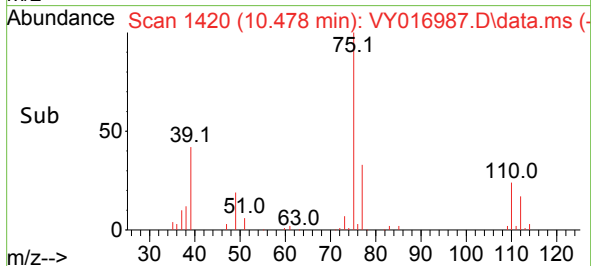
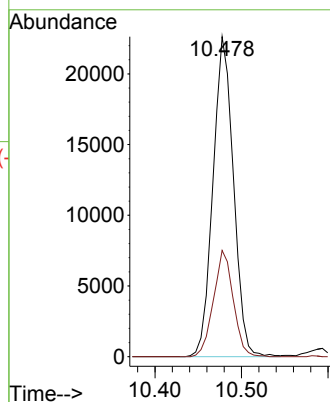
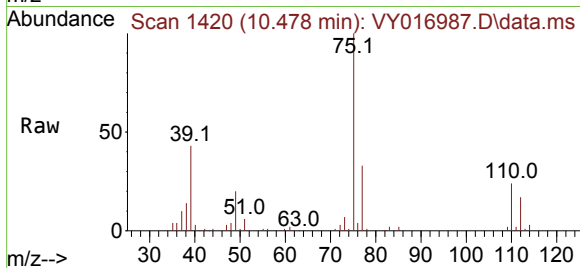




#53
 t-1,3-Dichloropropene
 Concen: 22.714 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.007 min
 Lab File: VY016987.D
 Acq: 12 Jan 2024 12:49

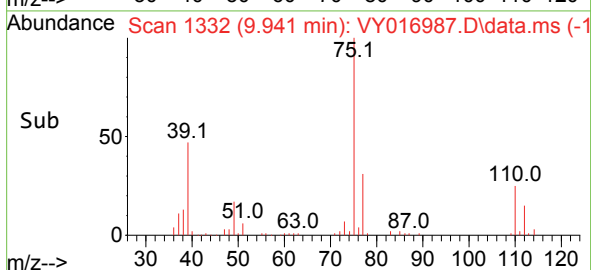
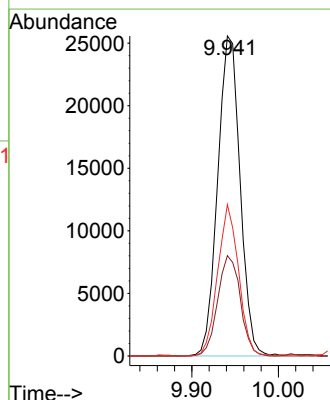
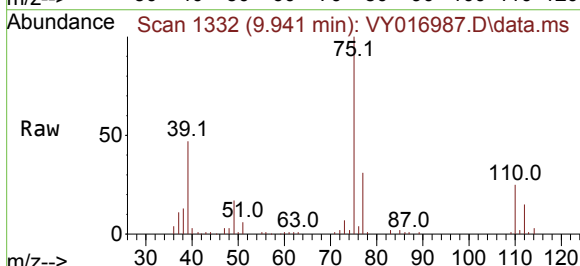
Instrument :
 MSVOA_Y
 ClientSampleId :

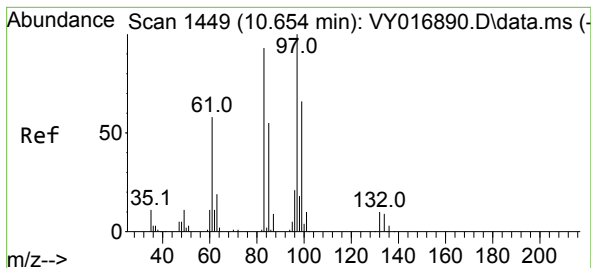
Tgt Ion: 75 Resp: 37227
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 23.357 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY016987.D
 Acq: 12 Jan 2024 12:49

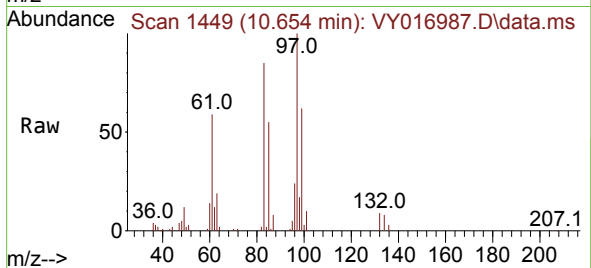
Tgt Ion: 75 Resp: 45972
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8
 39 47.3 33.6 50.4



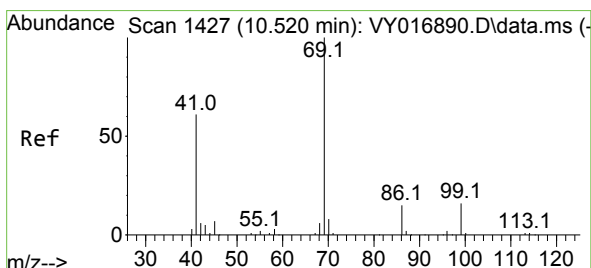
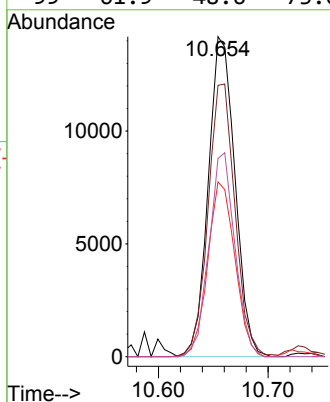
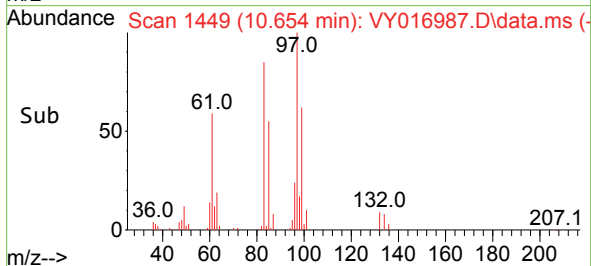


#55
1,1,2-Trichloroethane
Concen: 24.125 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

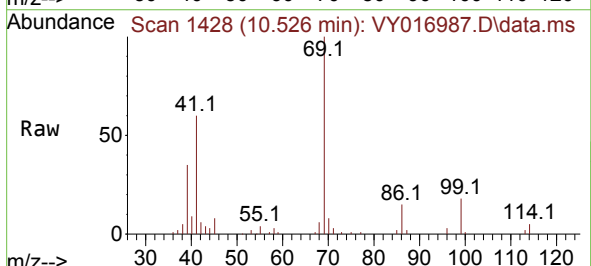
Instrument :
MSVOA_Y
ClientSampleId :



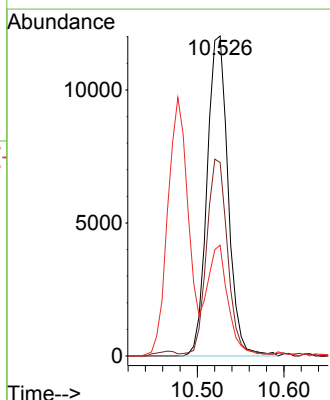
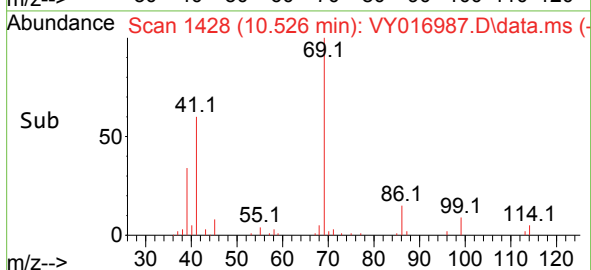
Tgt Ion: 97	Resp: 24015
Ion Ratio	Lower Upper
97 100	
83 84.4	69.4 104.2
85 54.6	43.9 65.9
99 61.9	48.6 73.0

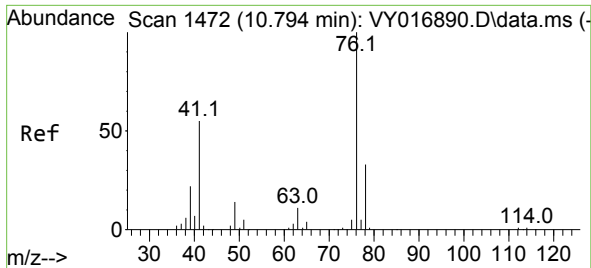


#56
Ethyl methacrylate
Concen: 24.068 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49



Tgt Ion: 69	Resp: 20293
Ion Ratio	Lower Upper
69 100	
41 60.0	49.2 73.8
39 33.8	26.8 40.2

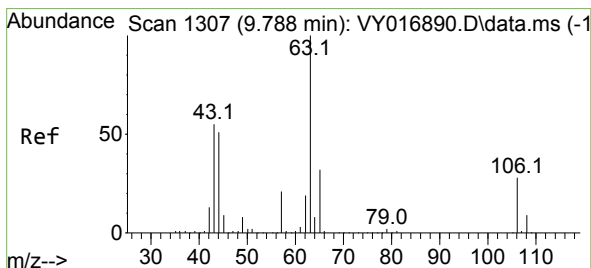
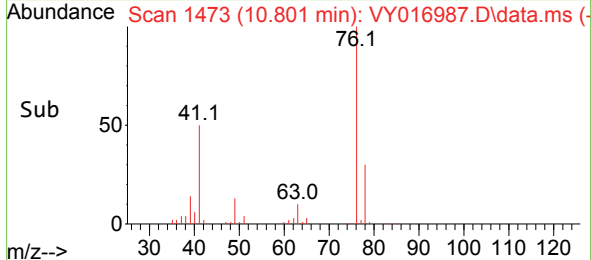
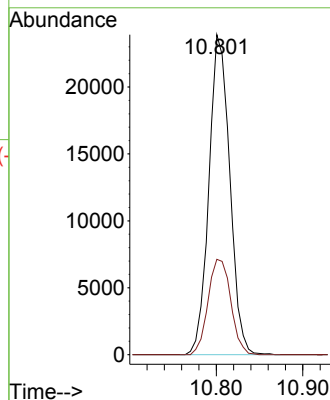
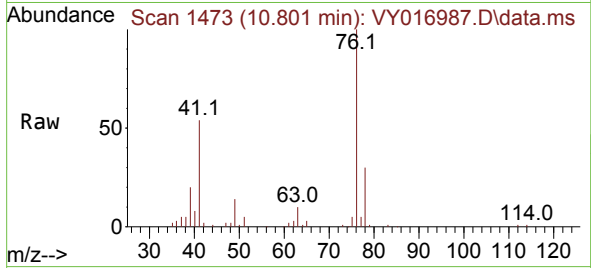




#57
1,3-Dichloropropane
Concen: 24.060 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.001 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

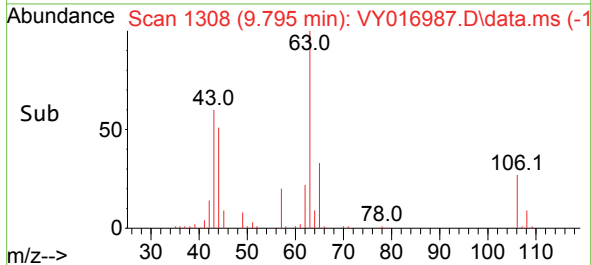
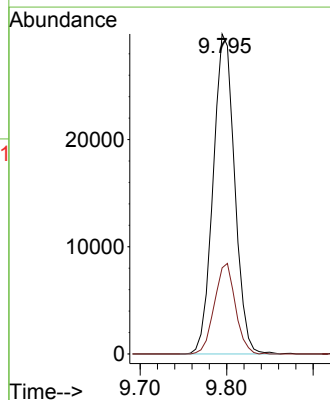
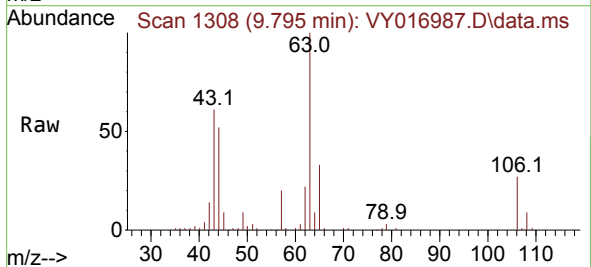
Instrument :
MSVOA_Y
ClientSampleId :

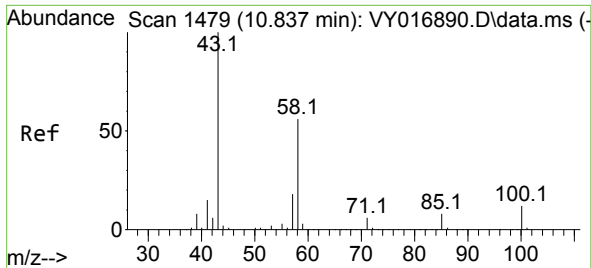
Tgt Ion: 76 Resp: 39988
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 107.683 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 63 Resp: 51471
Ion Ratio Lower Upper
63 100
106 27.6 22.4 33.6

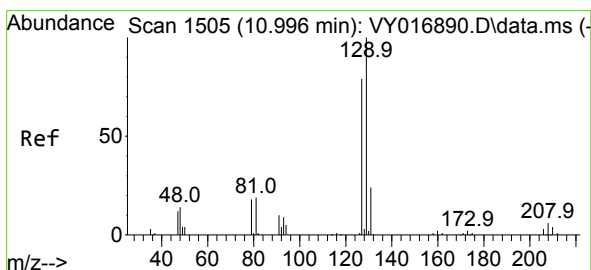
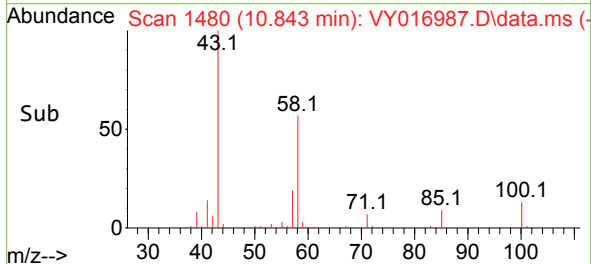
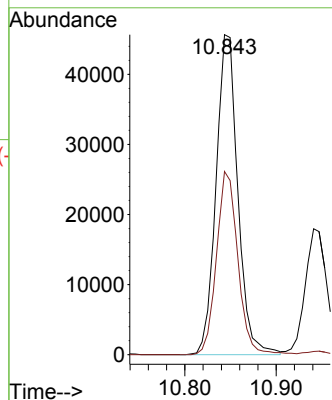
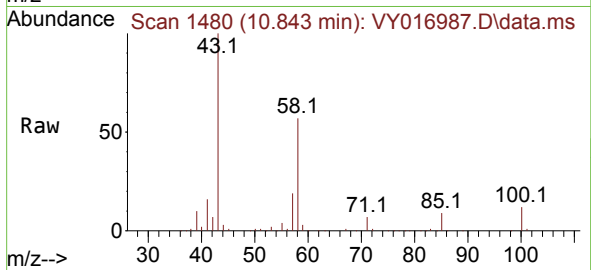




#59
2-Hexanone
Concen: 128.337 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

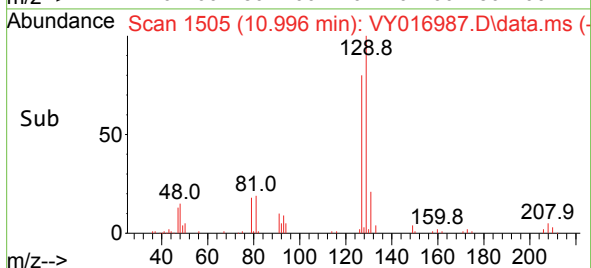
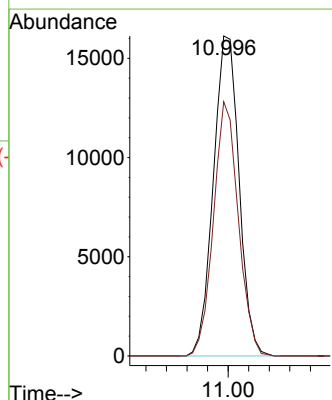
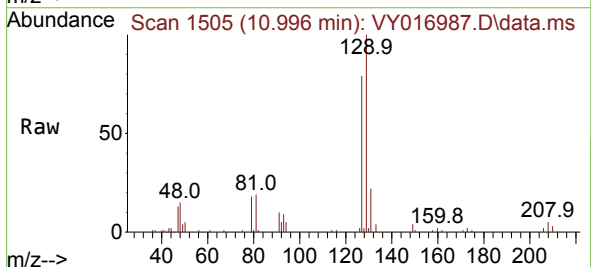
Instrument :
MSVOA_Y
ClientSampleId :

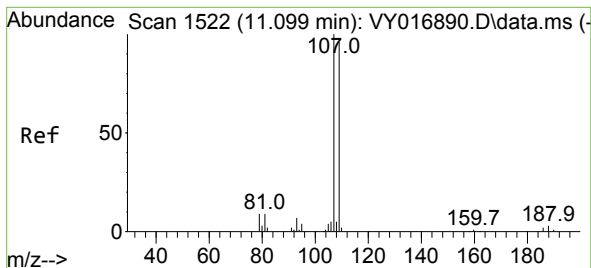
Tgt Ion: 43 Resp: 75609
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 24.387 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 129 Resp: 27995
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6

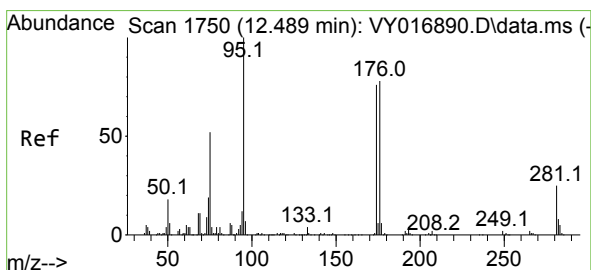
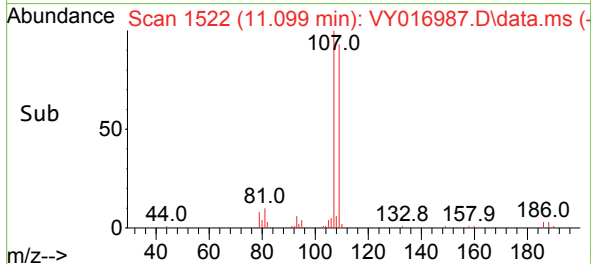
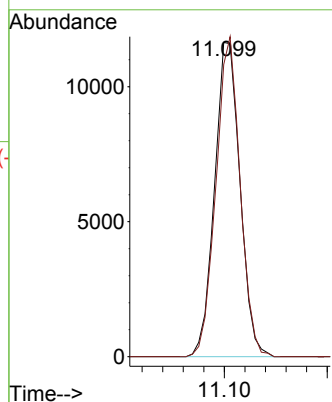
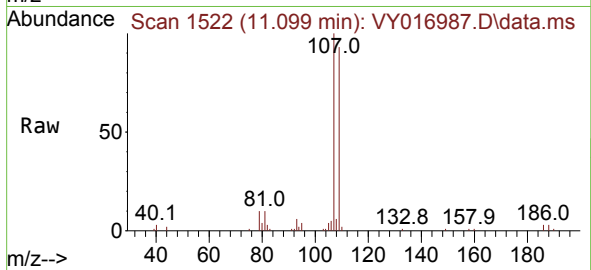




#61
1,2-Dibromoethane
Concen: 23.086 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

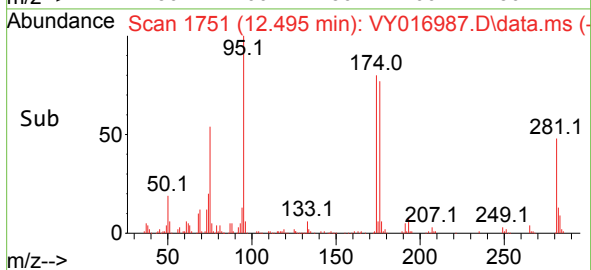
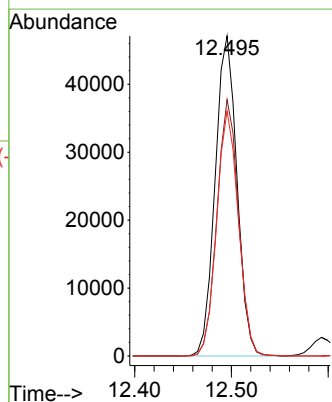
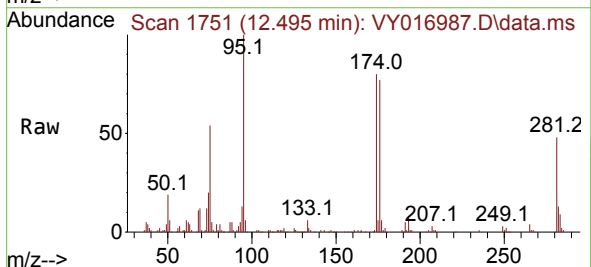
Instrument :
MSVOA_Y
ClientSampleId :

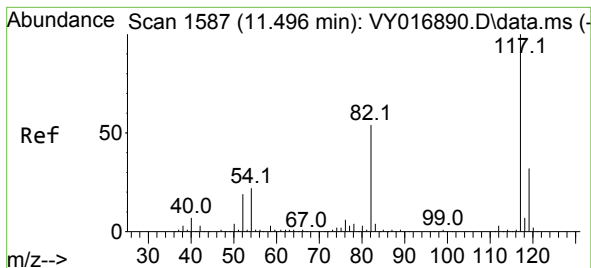
Tgt Ion:107 Resp: 19967
Ion Ratio Lower Upper
107 100
109 96.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.464 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 95 Resp: 73683
Ion Ratio Lower Upper
95 100
174 78.9 0.0 160.0
176 76.3 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: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

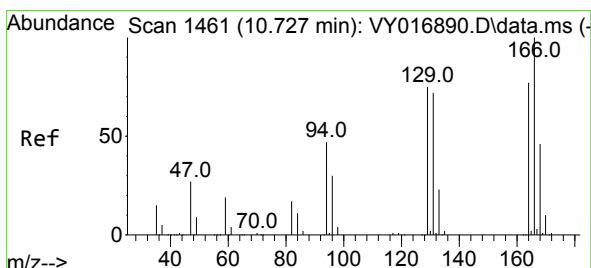
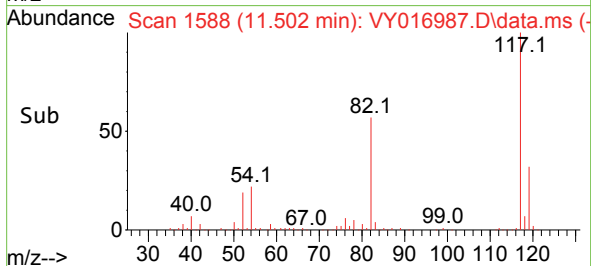
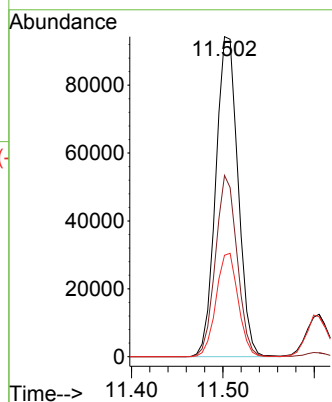
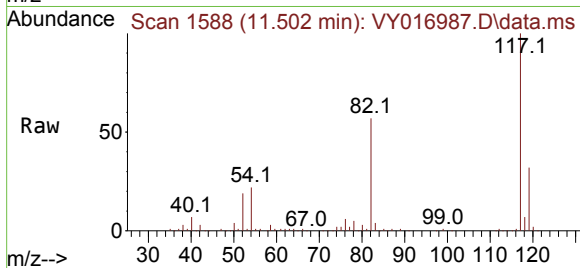
Tgt Ion:117 Resp: 159657

Ion Ratio Lower Upper

117 100

82 56.7 43.8 65.8

119 31.7 26.5 39.7



#64

Tetrachloroethene

Concen: 22.673 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.007 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Tgt Ion:164 Resp: 23468

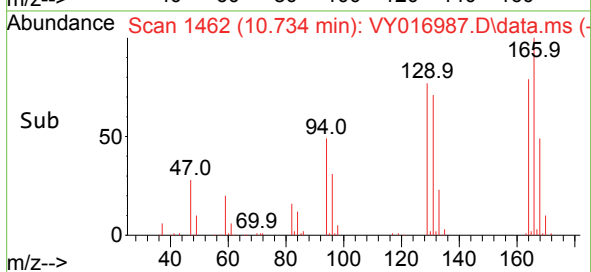
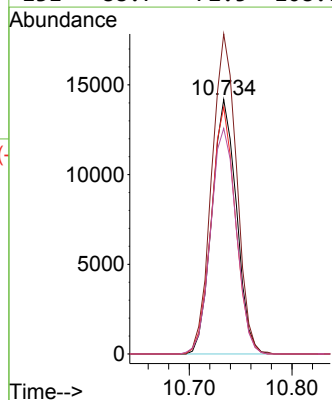
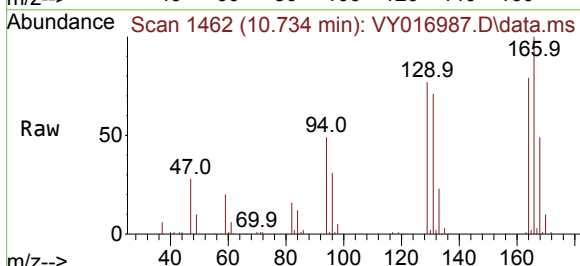
Ion Ratio Lower Upper

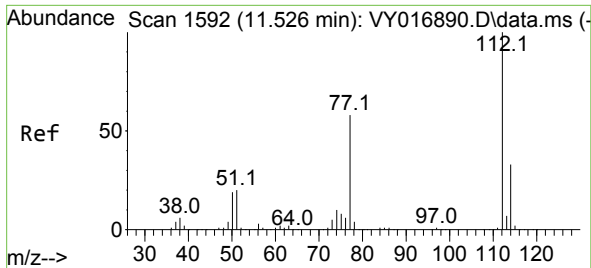
164 100

166 125.8 98.8 148.2

129 97.0 78.9 118.3

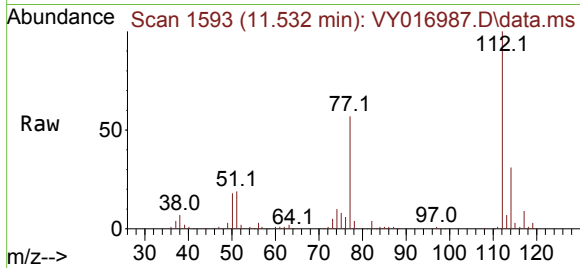
131 88.7 72.5 108.7



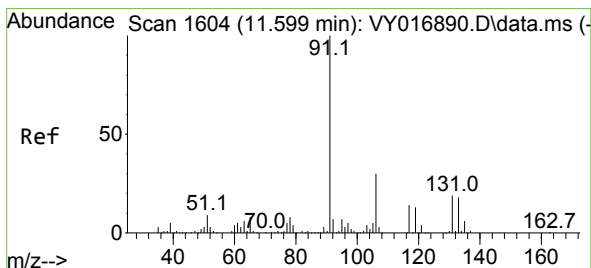
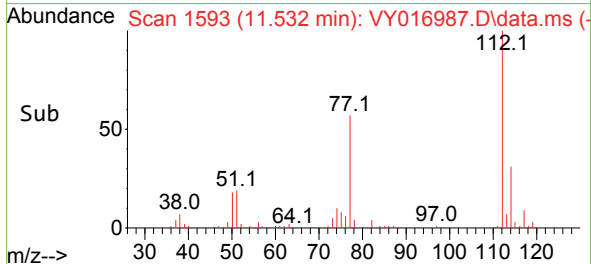
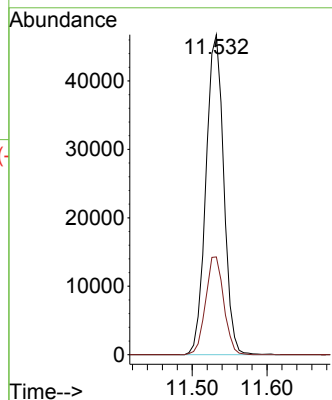


#65
Chlorobenzene
Concen: 23.184 ug/l
RT: 11.532 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :

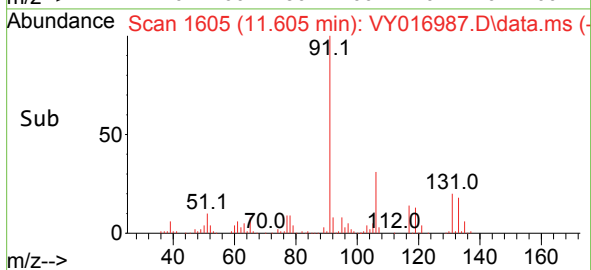
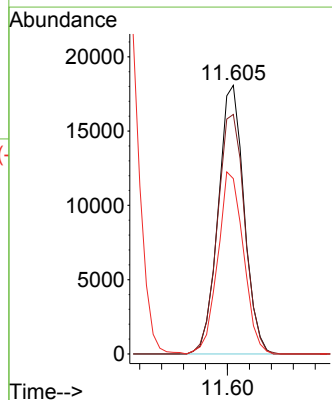
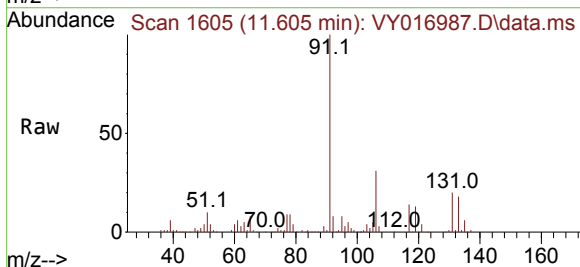


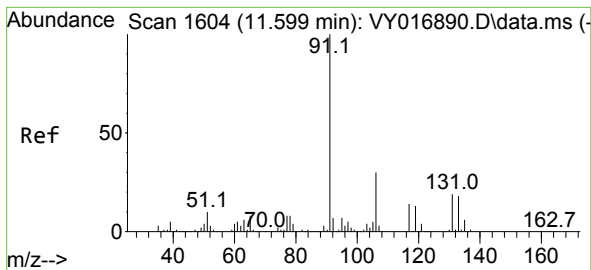
Tgt Ion:112 Resp: 77110
Ion Ratio Lower Upper
112 100
114 30.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 23.452 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion:131 Resp: 29651
Ion Ratio Lower Upper
131 100
133 94.3 47.0 141.0
119 67.4 33.3 99.9





#67

Ethyl Benzene

Concen: 22.888 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

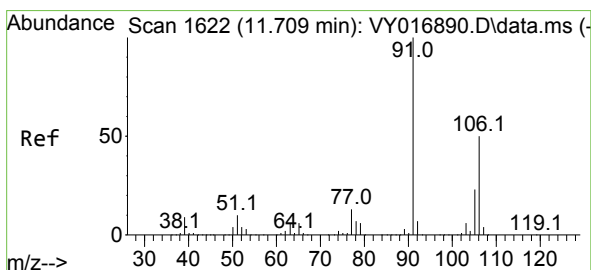
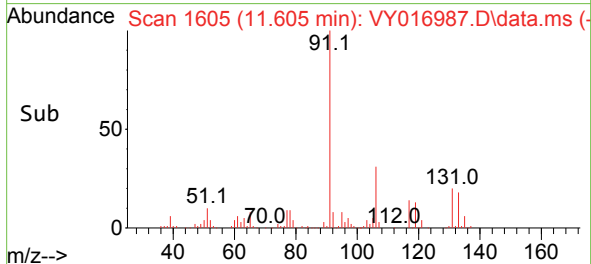
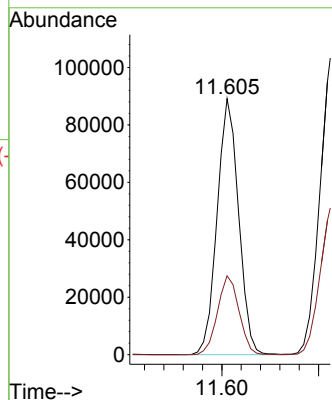
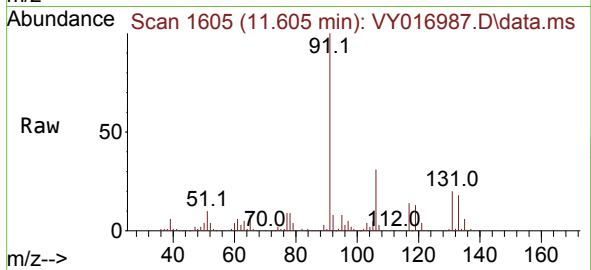
ClientSampleId :

Tgt Ion: 91 Resp: 137047

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 46.529 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016987.D

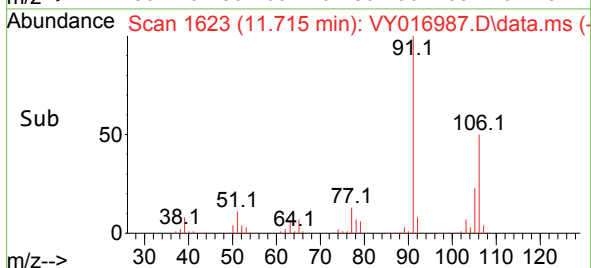
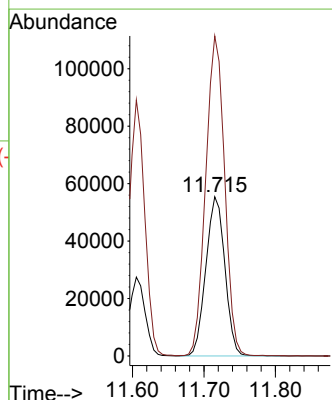
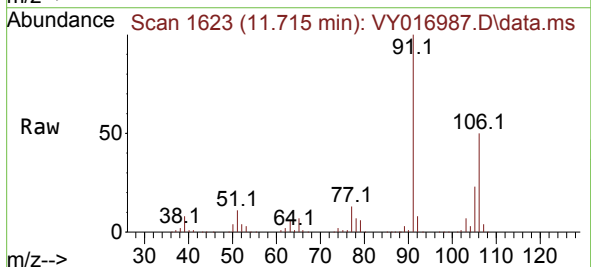
Acq: 12 Jan 2024 12:49

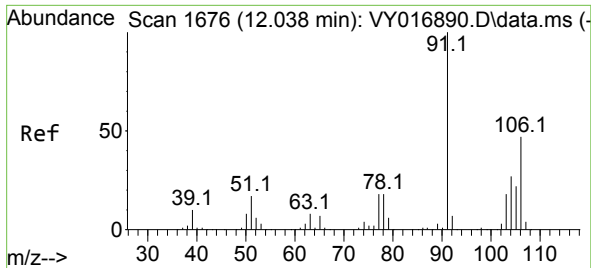
Tgt Ion:106 Resp: 102266

Ion Ratio Lower Upper

106 100

91 199.7 160.7 241.1

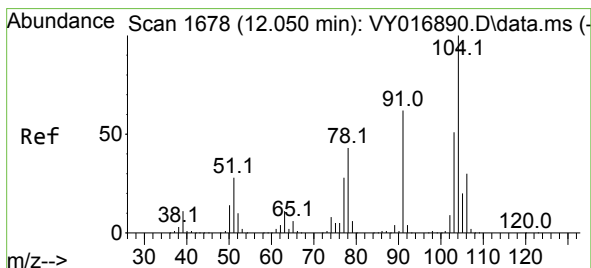
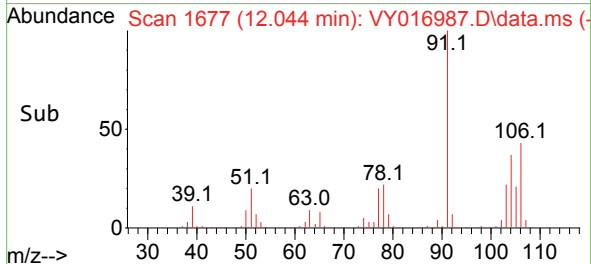
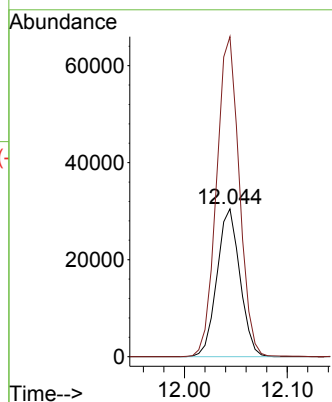
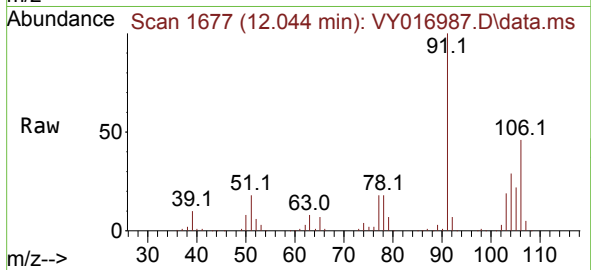




#69
o-Xylene
Concen: 22.938 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

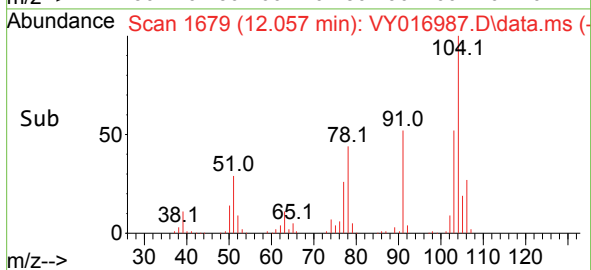
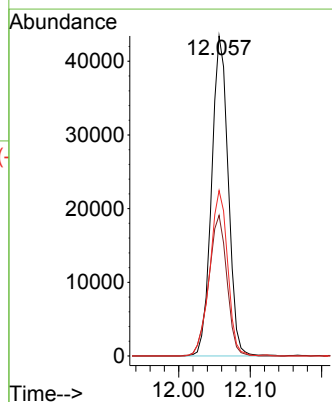
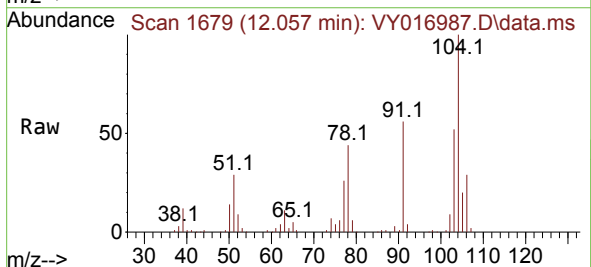
Instrument :
MSVOA_Y
ClientSampleId :

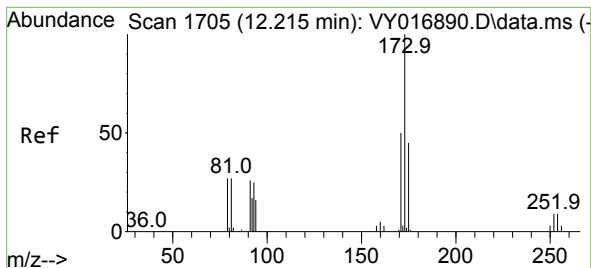
Tgt Ion:106 Resp: 47263
Ion Ratio Lower Upper
106 100
91 215.0 106.5 319.5



#70
Styrene
Concen: 23.375 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.007 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion:104 Resp: 70098
Ion Ratio Lower Upper
104 100
78 48.1 39.2 58.8
103 55.5 43.8 65.6





#71

Bromoform

Concen: 23.941 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

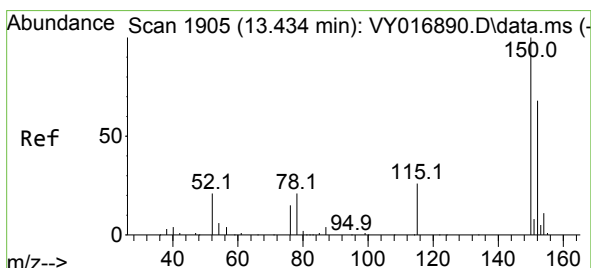
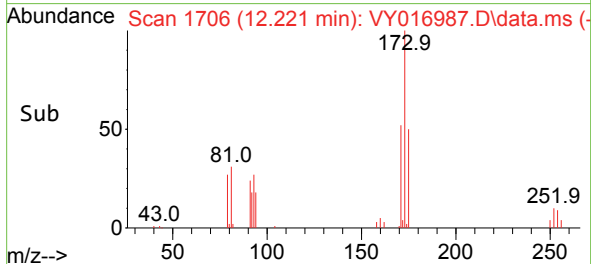
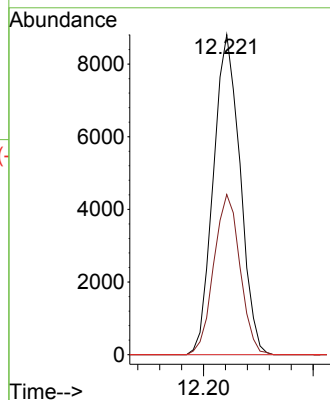
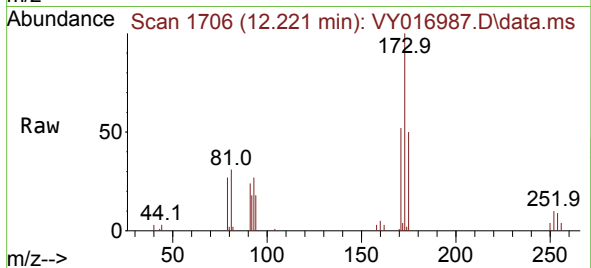
Tgt Ion:173 Resp: 14901

Ion Ratio Lower Upper

173 100

175 49.2 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: VY016987.D

Acq: 12 Jan 2024 12:49

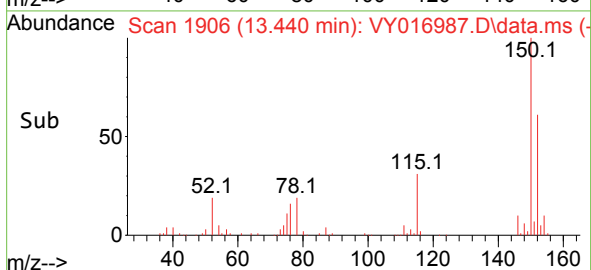
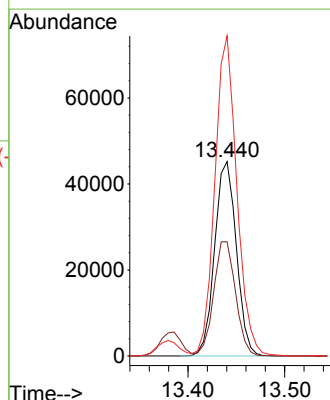
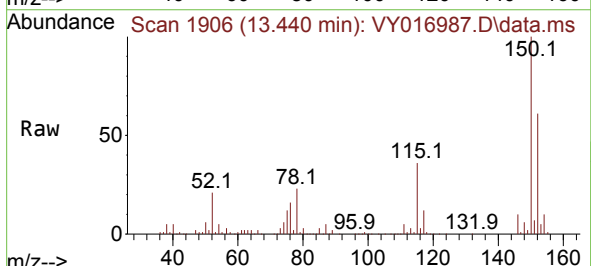
Tgt Ion:152 Resp: 70464

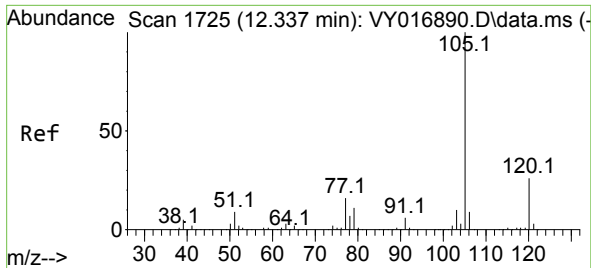
Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 166.3 0.0 344.6

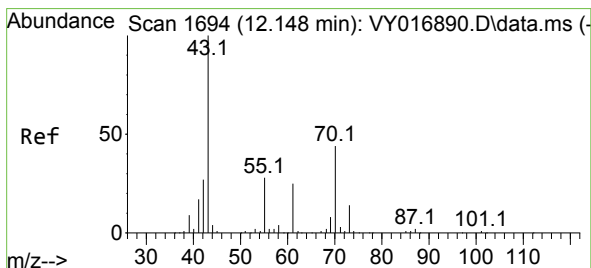
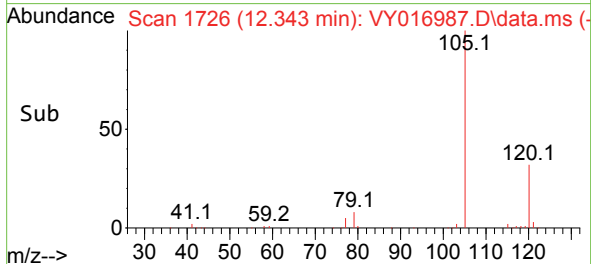
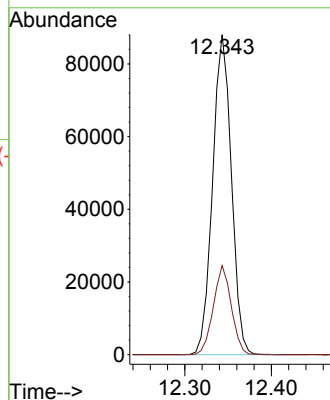
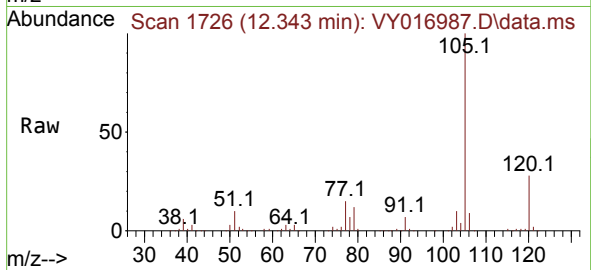




#73
Isopropylbenzene
Concen: 23.027 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

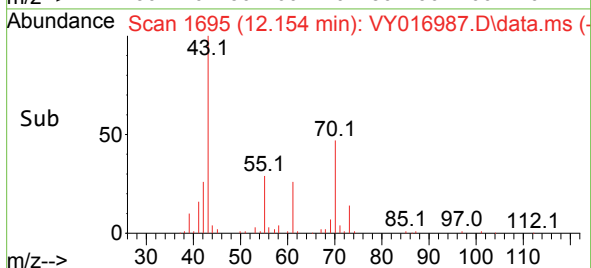
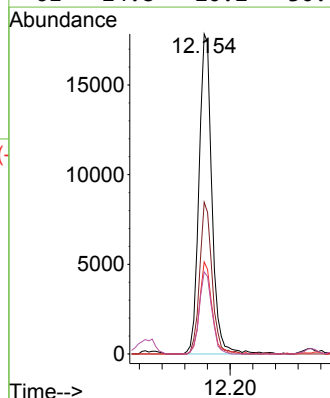
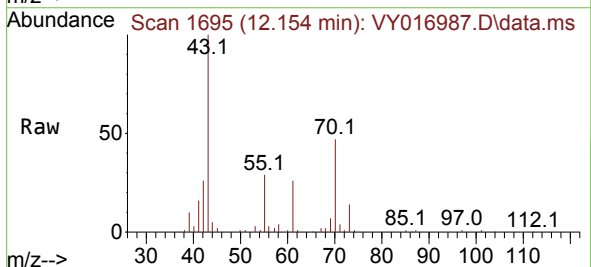
Instrument :
MSVOA_Y
ClientSampleId :

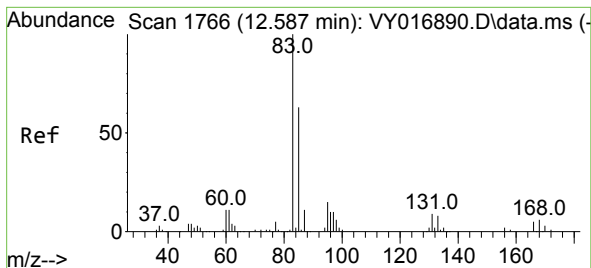
Tgt Ion:105 Resp: 132500
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0



#74
N-ethyl acetate
Concen: 24.448 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 43 Resp: 28264
Ion Ratio Lower Upper
43 100
70 45.2 36.6 55.0
55 27.5 22.2 33.4
61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 23.503 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

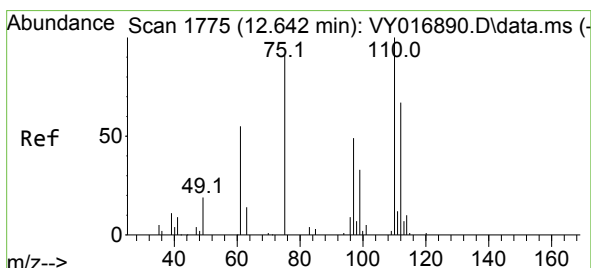
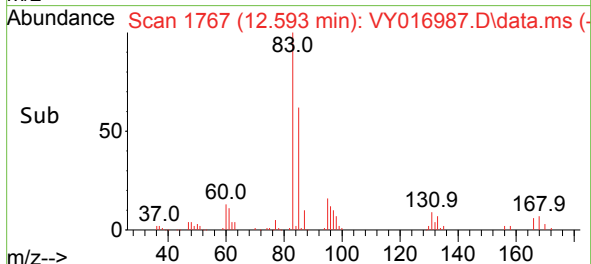
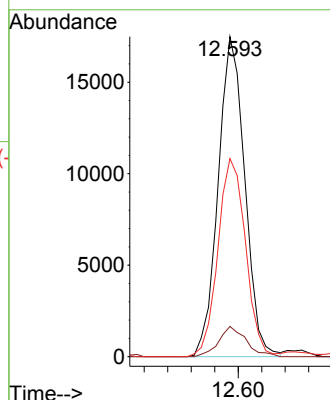
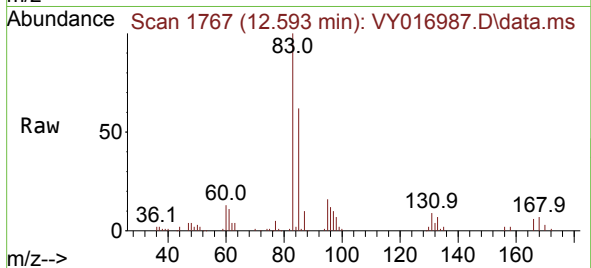
Tgt Ion: 83 Resp: 27555

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 64.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 42.126 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016987.D

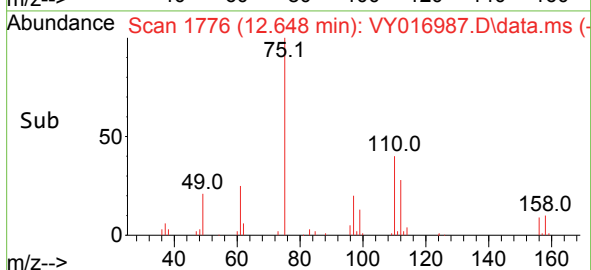
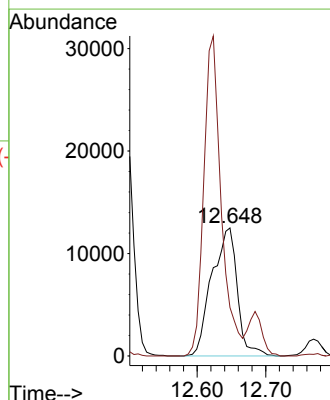
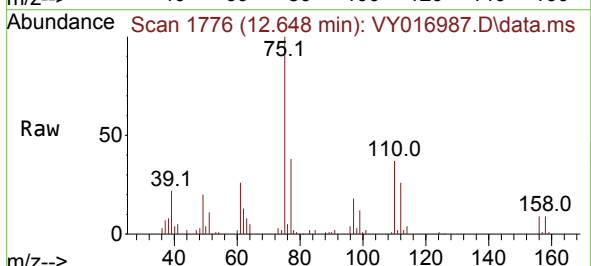
Acq: 12 Jan 2024 12:49

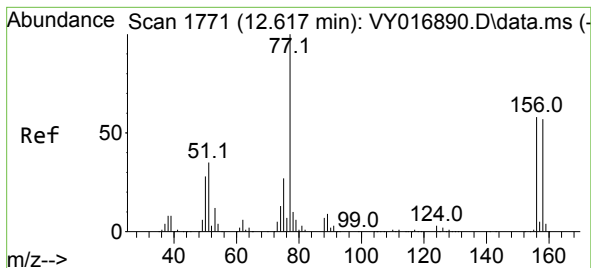
Tgt Ion: 75 Resp: 32212

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.868 ug/l

RT: 12.624 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

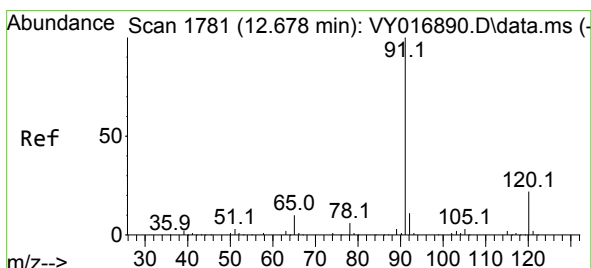
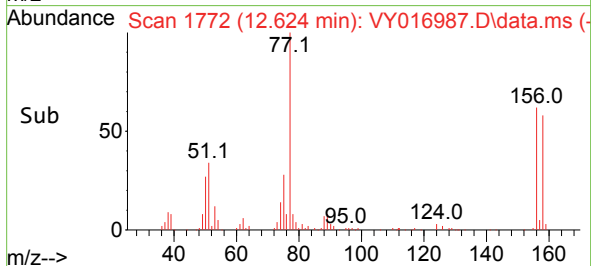
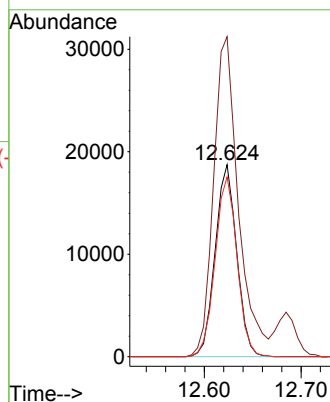
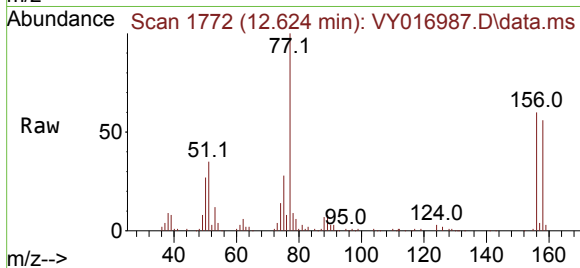
Tgt Ion:156 Resp: 28971

Ion Ratio Lower Upper

156 100

77 191.5 97.3 291.8

158 95.0 48.4 145.0



#78

n-propylbenzene

Concen: 23.029 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016987.D

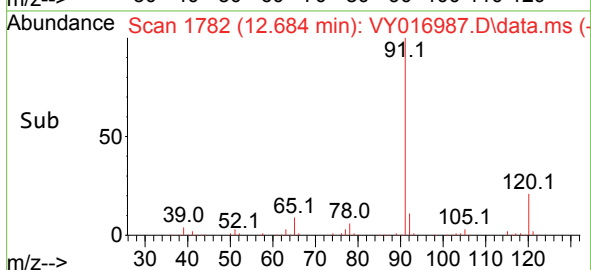
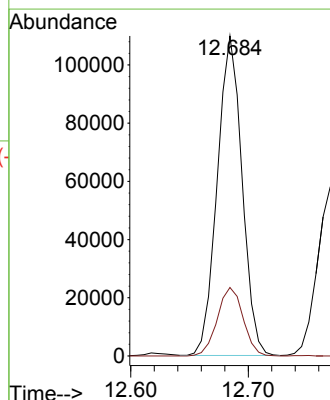
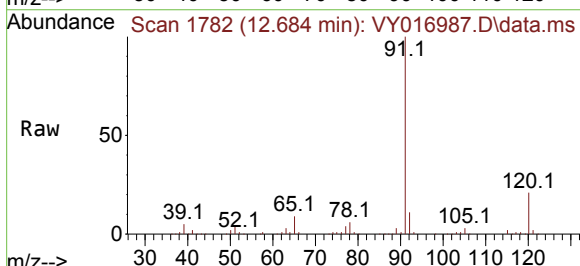
Acq: 12 Jan 2024 12:49

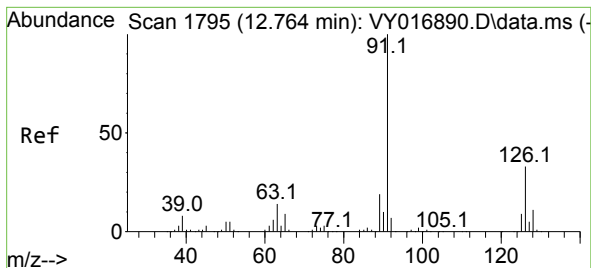
Tgt Ion: 91 Resp: 161096

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 22.834 ug/l

RT: 12.770 min Scan# 1795

Delta R.T. 0.007 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

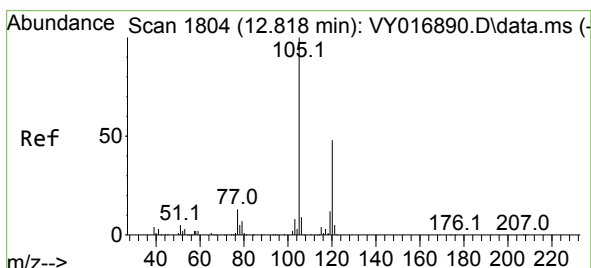
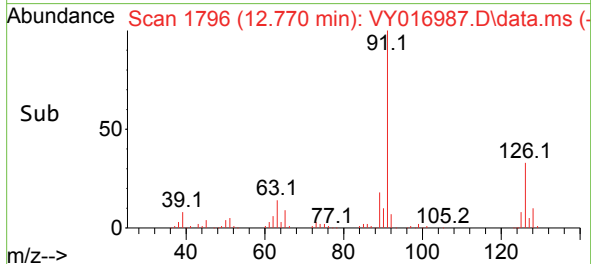
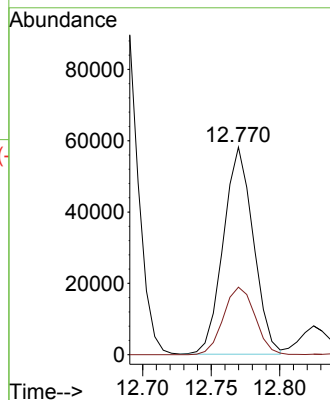
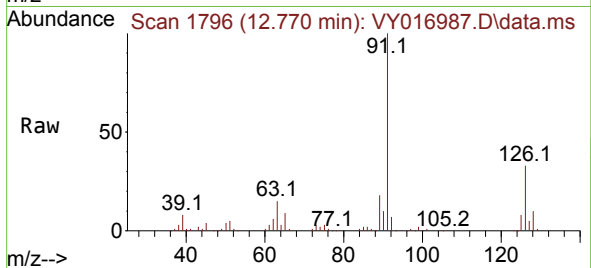
ClientSampleId :

Tgt Ion: 91 Resp: 88577

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 23.012 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.007 min

Lab File: VY016987.D

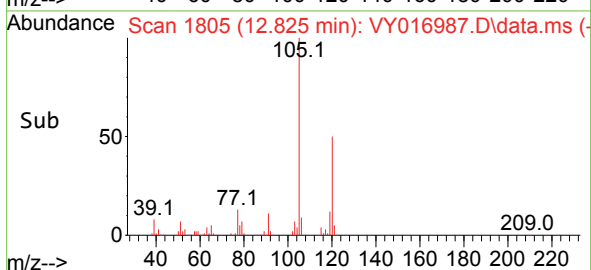
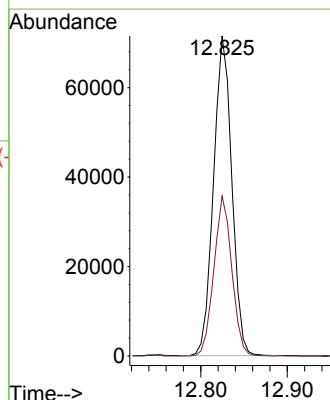
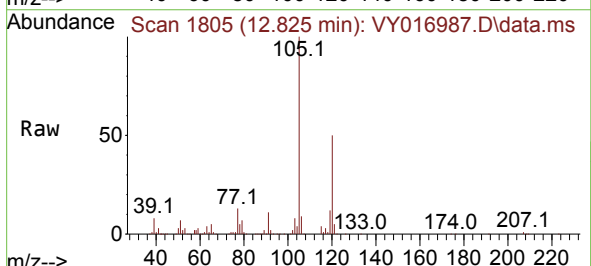
Acq: 12 Jan 2024 12:49

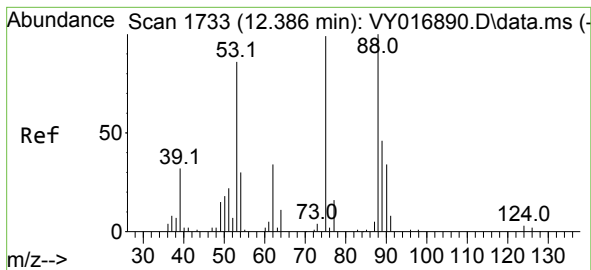
Tgt Ion:105 Resp: 104725

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8

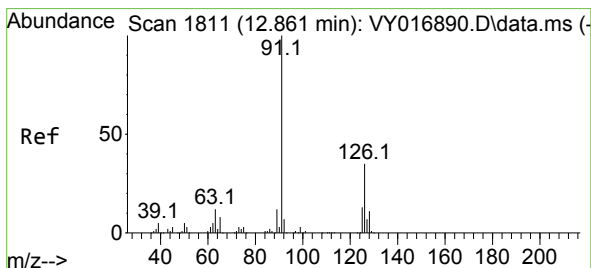
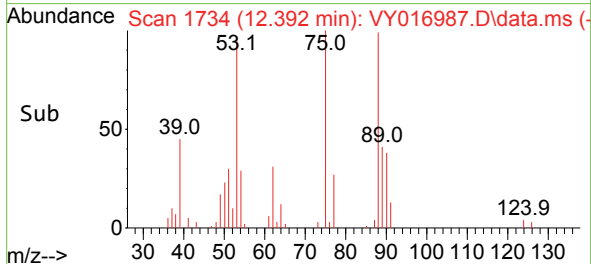
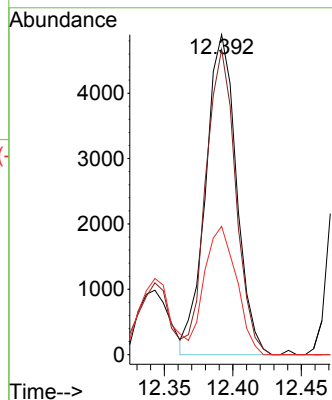
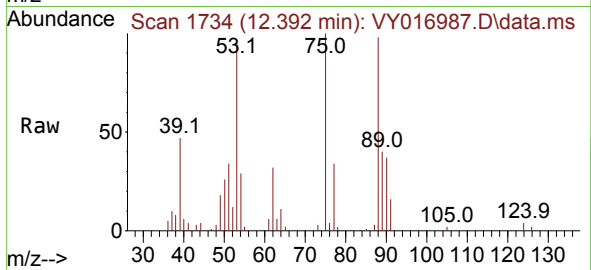




#81
trans-1,4-Dichloro-2-butene
Concen: 22.694 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

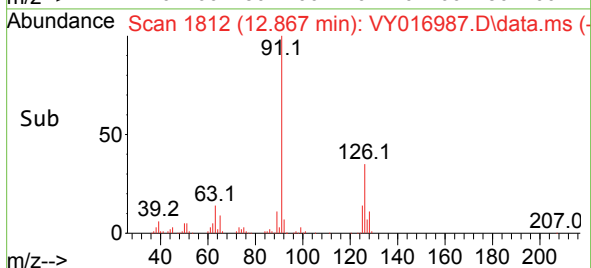
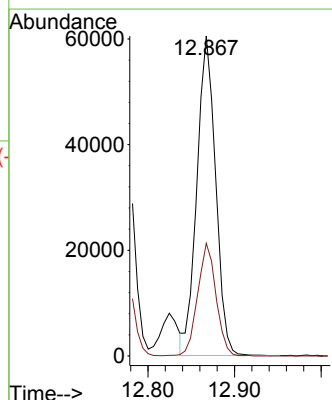
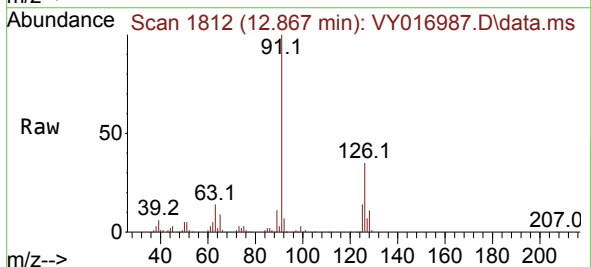
Instrument :
MSVOA_Y
ClientSampleId :

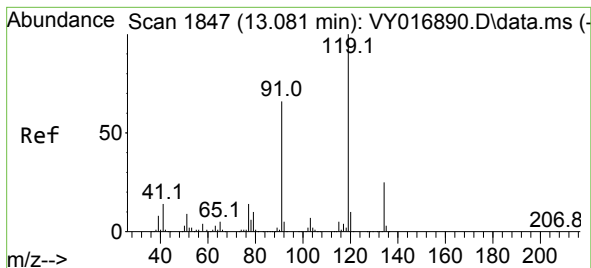
Tgt Ion: 75 Resp: 7642
Ion Ratio Lower Upper
75 100
53 92.6 74.0 111.0
89 41.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 22.897 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 91 Resp: 90742
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 23.268 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

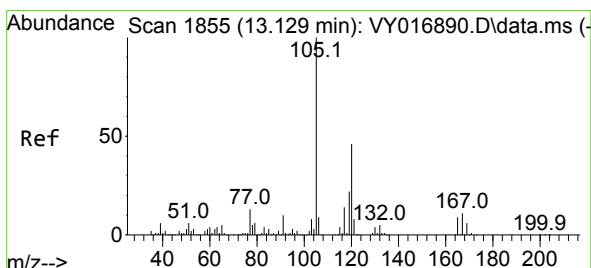
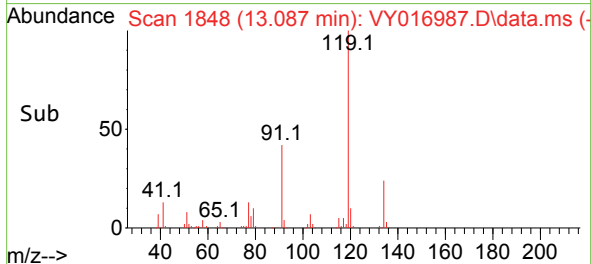
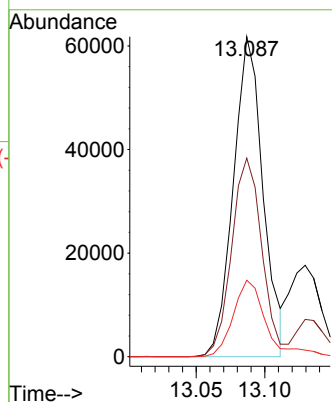
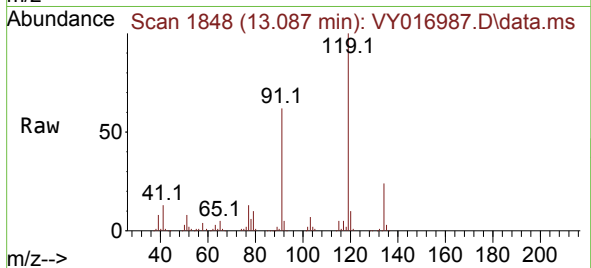
Tgt Ion:119 Resp: 93264

Ion Ratio Lower Upper

119 100

91 63.7 31.5 94.5

134 26.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 22.813 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY016987.D

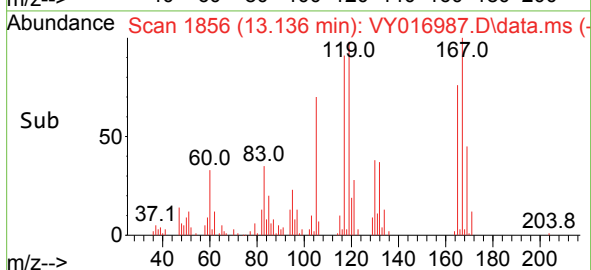
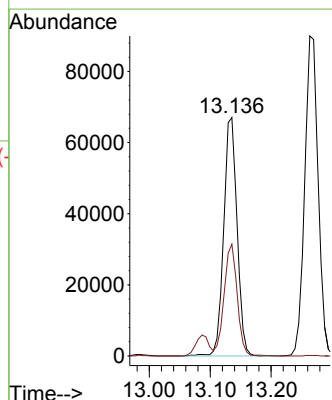
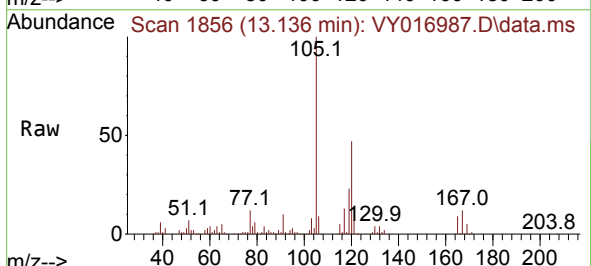
Acq: 12 Jan 2024 12:49

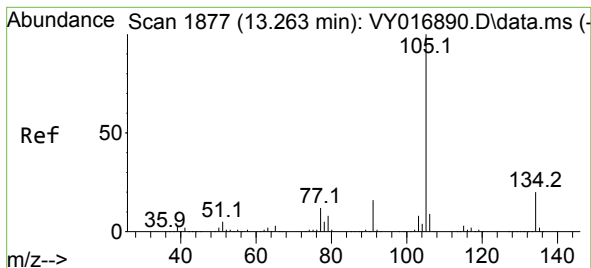
Tgt Ion:105 Resp: 102239

Ion Ratio Lower Upper

105 100

120 45.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 23.107 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

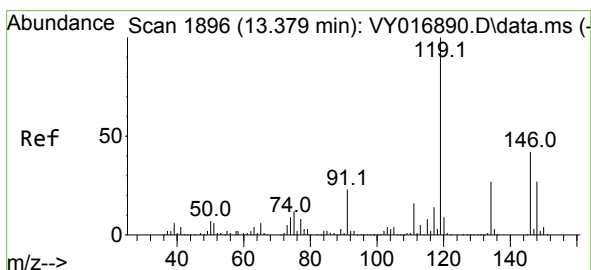
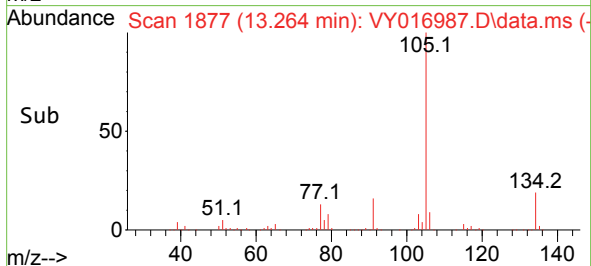
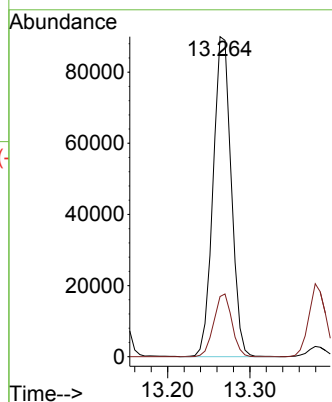
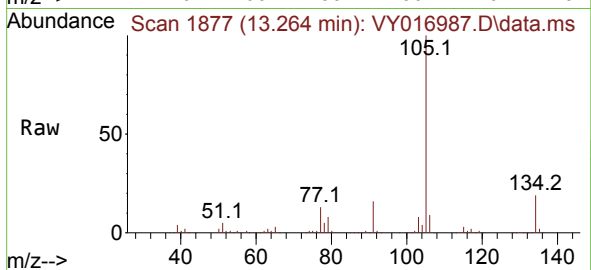
ClientSampleId :

Tgt Ion:105 Resp: 137235

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 22.907 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

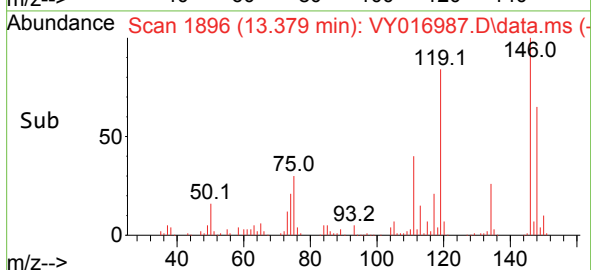
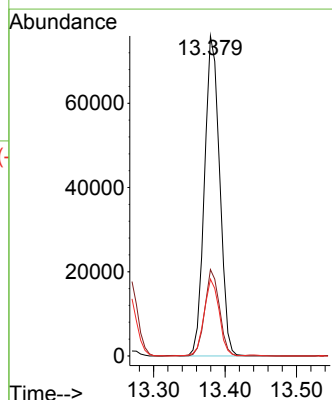
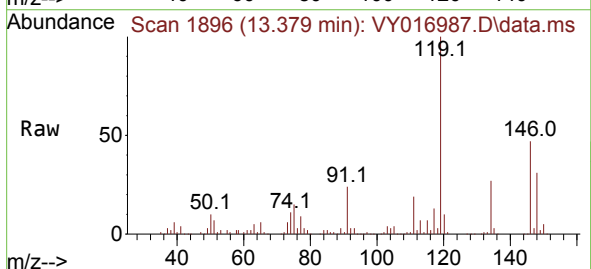
Tgt Ion:119 Resp: 112283

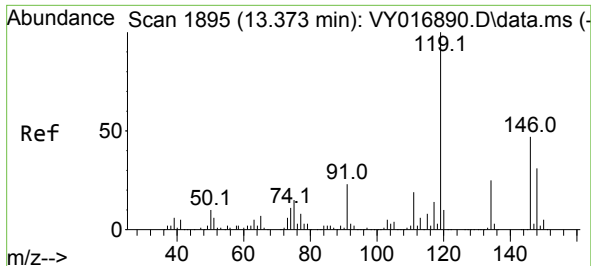
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 22.443 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

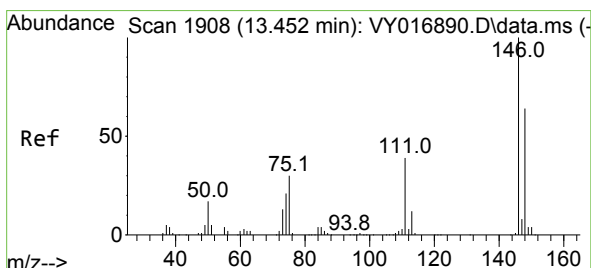
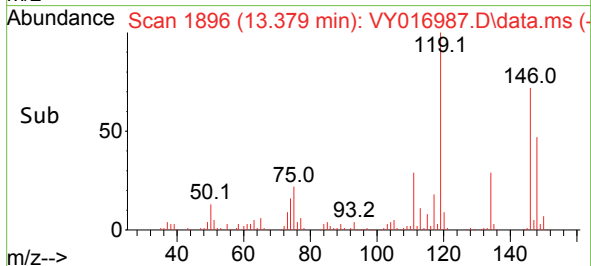
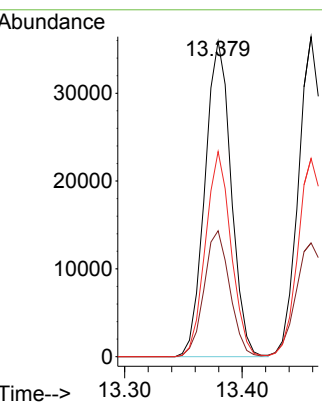
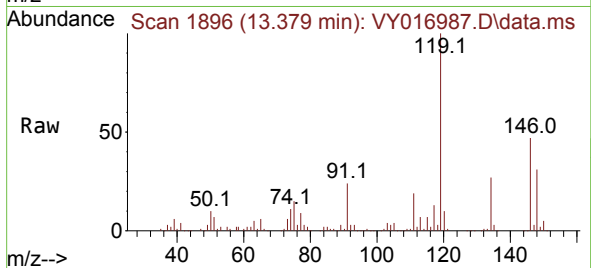
Tgt Ion:146 Resp: 55762

Ion Ratio Lower Upper

146 100

111 39.1 20.2 60.5

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 22.905 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

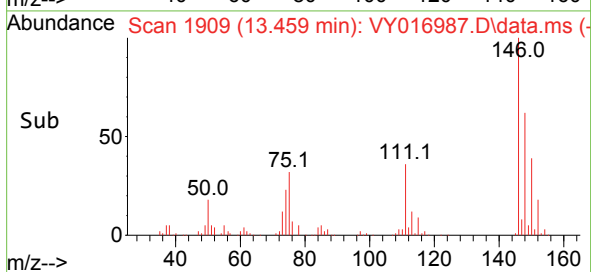
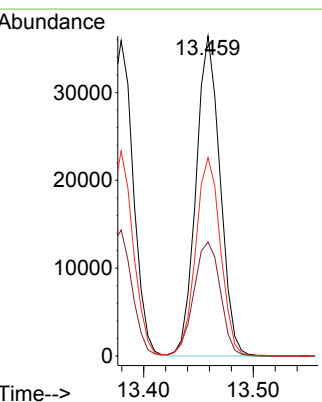
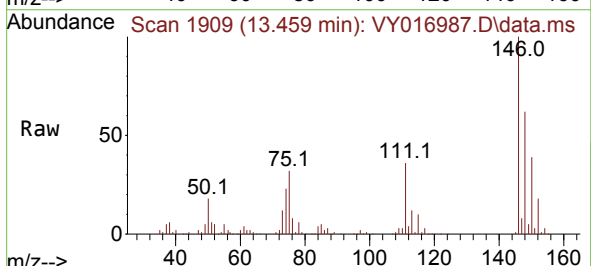
Tgt Ion:146 Resp: 55664

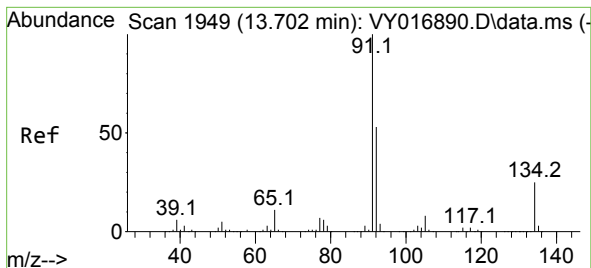
Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.9

148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 22.744 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

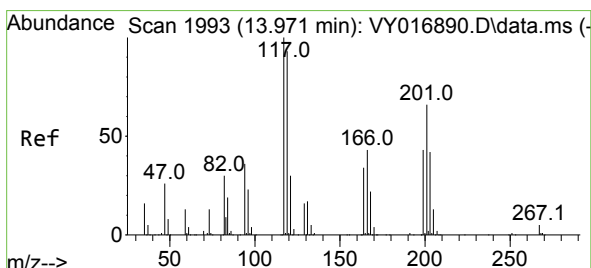
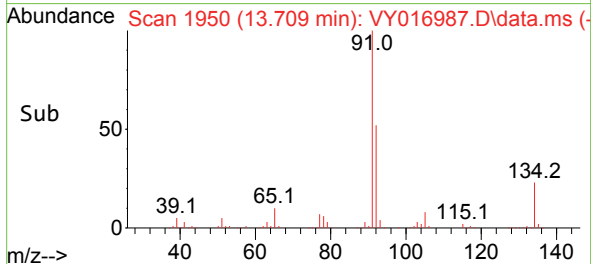
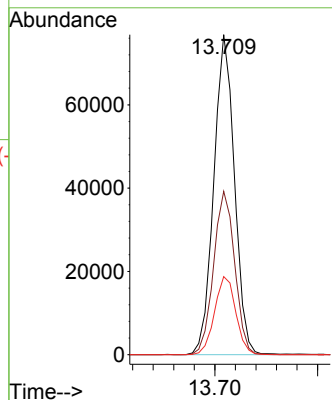
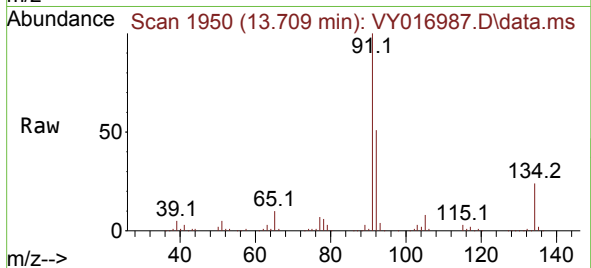
Tgt Ion: 91 Resp: 107190

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

134 25.1 12.3 36.8



#90

Hexachloroethane

Concen: 22.699 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016987.D

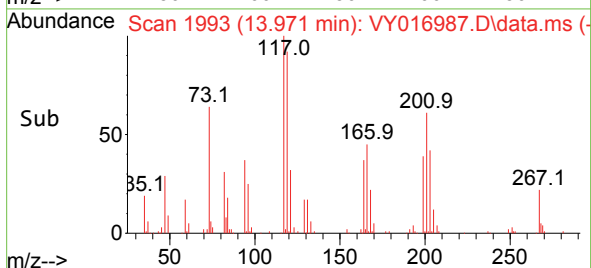
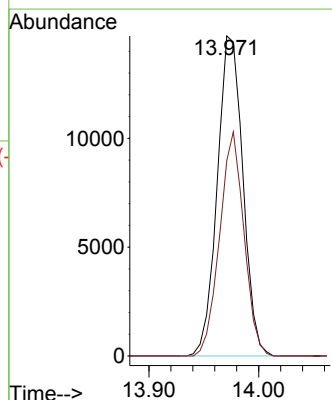
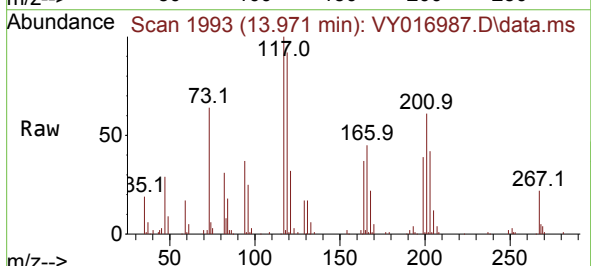
Acq: 12 Jan 2024 12:49

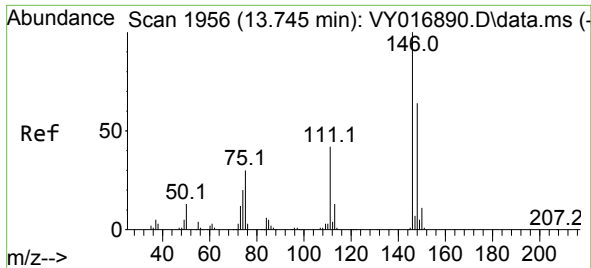
Tgt Ion:117 Resp: 23908

Ion Ratio Lower Upper

117 100

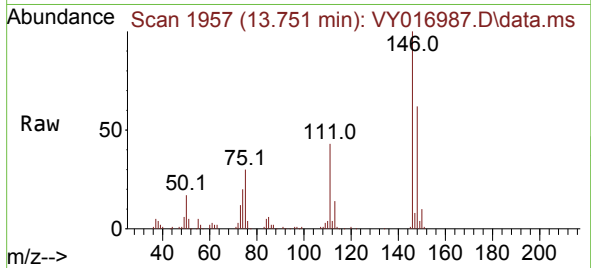
201 66.4 33.4 100.1



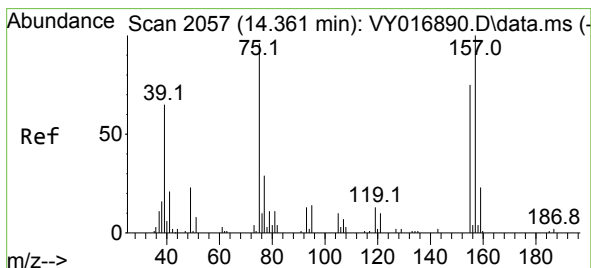
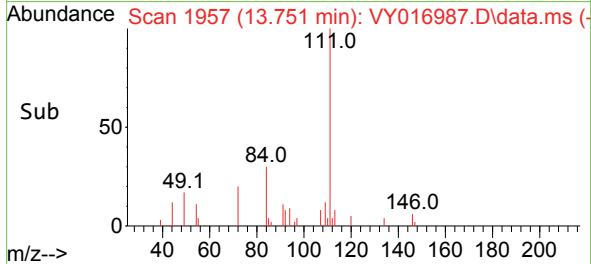
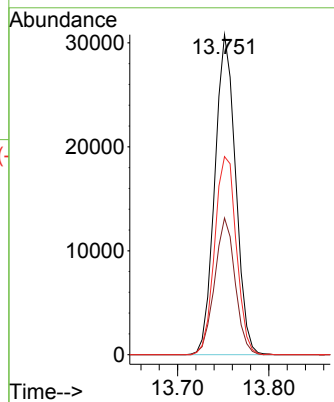


#91
1,2-Dichlorobenzene
Concen: 22.656 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :

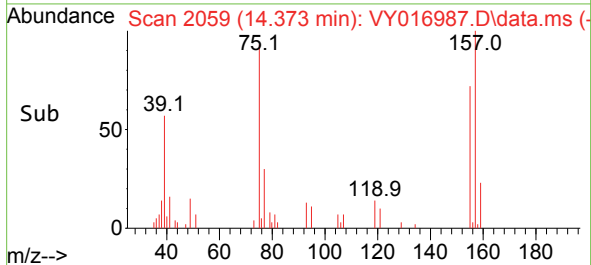
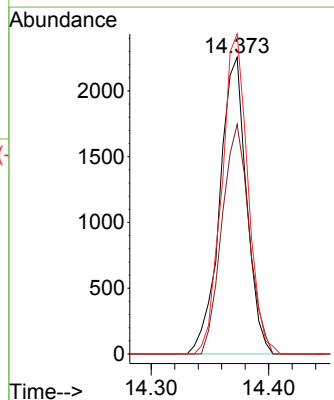
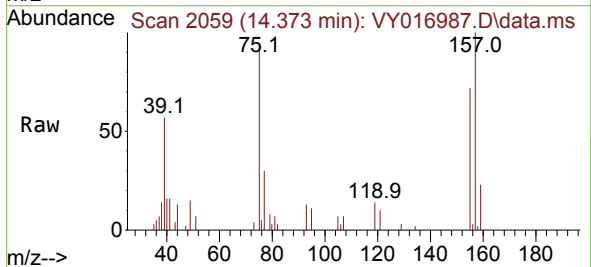


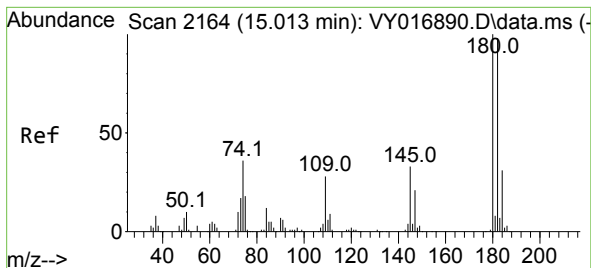
Tgt Ion:146 Resp: 48648
Ion Ratio Lower Upper
146 100
111 42.1 20.5 61.6
148 64.7 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.282 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016987.D
Acq: 12 Jan 2024 12:49

Tgt Ion: 75 Resp: 3570
Ion Ratio Lower Upper
75 100
155 78.2 42.1 126.3
157 105.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.377 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

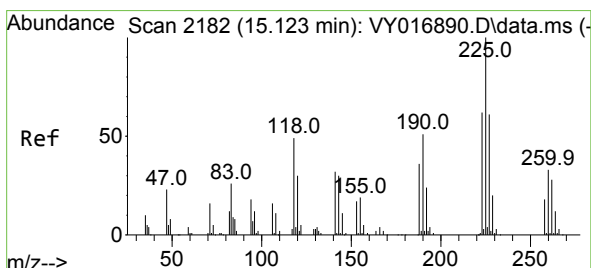
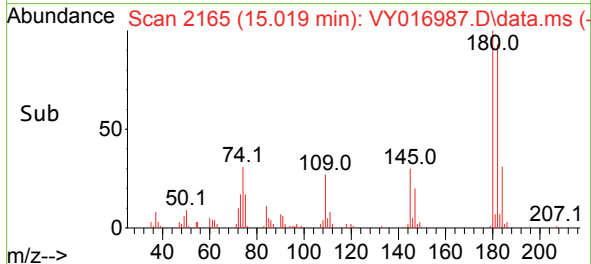
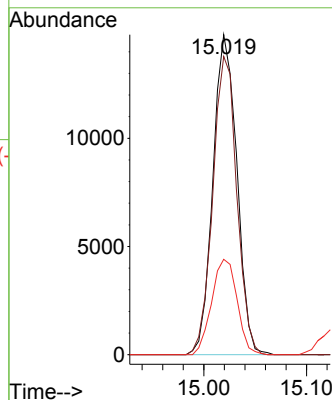
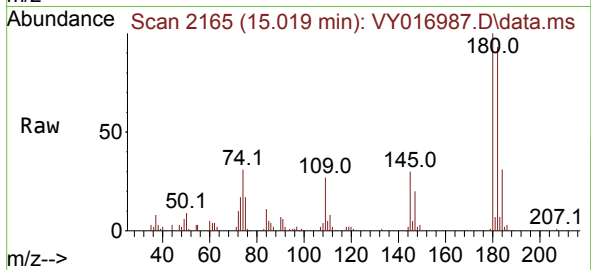
Tgt Ion:180 Resp: 23860

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.7

145 31.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.846 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

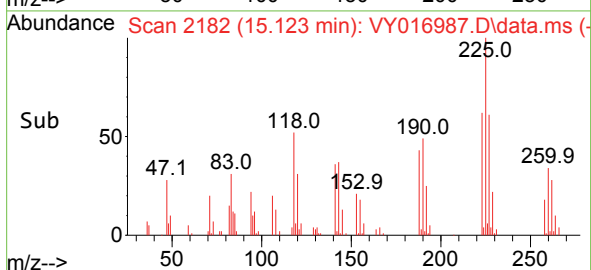
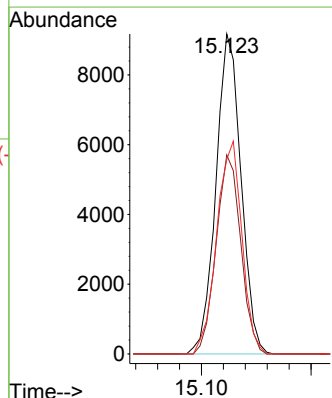
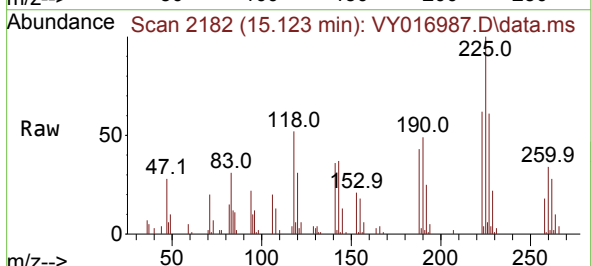
Tgt Ion:225 Resp: 14592

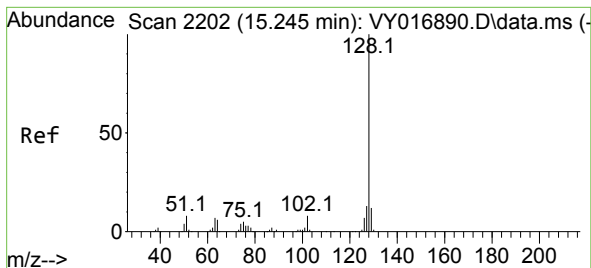
Ion Ratio Lower Upper

225 100

223 61.1 31.4 94.3

227 66.6 32.3 96.8





#95

Naphthalene

Concen: 23.345 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016987.D

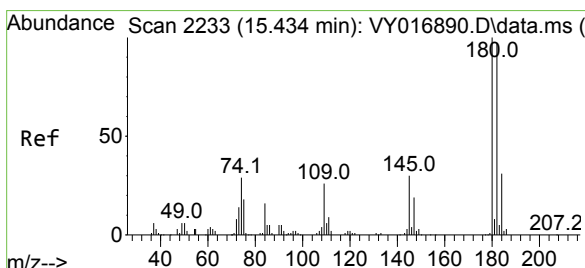
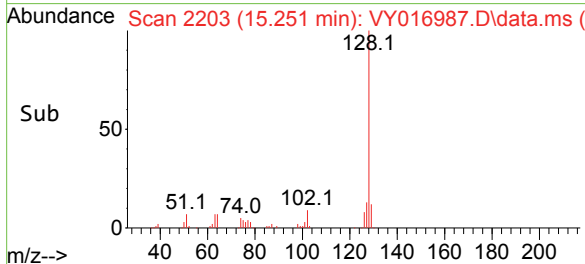
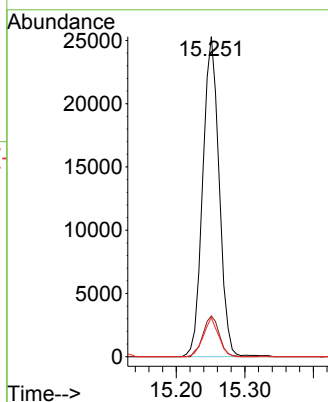
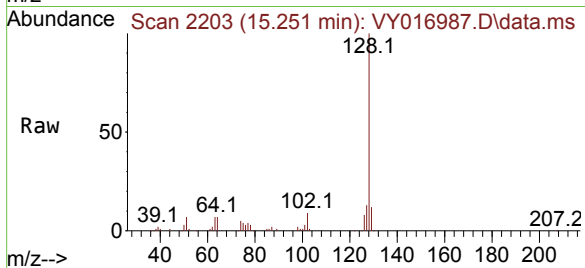
Acq: 12 Jan 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	42118
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.2 15.4
129	11.3	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.670 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016987.D

Acq: 12 Jan 2024 12:49

Tgt Ion:180	Resp:	19619
Ion Ratio	Lower	Upper
180	100	
182	95.0	46.3 138.8
145	33.4	16.1 48.2

