

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016255.D
 Acq On : 08 Nov 2023 09:49
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 00:28:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:22:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	180079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	288574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	248211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	113211	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	31355	19.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.100%#
35) Dibromofluoromethane	7.734	113	32389	19.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.520%#
50) Toluene-d8	10.191	98	132920	19.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.000%#
62) 4-Bromofluorobenzene	12.495	95	42223	19.556	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36996	20.981	ug/l	99
3) Chloromethane	2.119	50	42909	20.778	ug/l	98
4) Vinyl Chloride	2.253	62	44545	20.060	ug/l	100
5) Bromomethane	2.656	94	28295	19.389	ug/l	99
6) Chloroethane	2.802	64	28837	20.352	ug/l	97
7) Trichlorofluoromethane	3.137	101	65830	20.376	ug/l	98
8) Diethyl Ether	3.540	74	19076	19.756	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	39739	20.423	ug/l	94
10) Methyl Iodide	4.101	142	41101	19.558	ug/l	96
11) Tert butyl alcohol	4.972	59	11793	91.502	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	37334	20.516	ug/l	89
13) Acrolein	3.741	56	14925	96.008	ug/l	99
14) Allyl chloride	4.491	41	51613	19.987	ug/l #	93
15) Acrylonitrile	5.174	53	35226	91.930	ug/l	98
16) Acetone	3.954	43	24593	90.334	ug/l #	87
17) Carbon Disulfide	4.210	76	111867	20.374	ug/l	97
18) Methyl Acetate	4.491	43	27055	18.702	ug/l #	90
19) Methyl tert-butyl Ether	5.235	73	85076	19.316	ug/l	99
20) Methylene Chloride	4.729	84	42526	20.025	ug/l	90
21) trans-1,2-Dichloroethene	5.235	96	42457	20.264	ug/l	94
22) Diisopropyl ether	6.131	45	110579	19.869	ug/l	89
23) Vinyl Acetate	6.076	43	258027	95.684	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	68948	20.082	ug/l	98
25) 2-Butanone	6.996	43	44800	93.950	ug/l	94
26) 2,2-Dichloropropane	6.996	77	63339	20.270	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	45111	19.978	ug/l	92
28) Bromochloromethane	7.350	49	25667	20.199	ug/l	93
29) Tetrahydrofuran	7.362	42	29408	93.305	ug/l	90
30) Chloroform	7.521	83	70725	19.790	ug/l	96
31) Cyclohexane	7.801	56	65983	20.363	ug/l	86
32) 1,1,1-Trichloroethane	7.716	97	66089	20.174	ug/l	98
36) 1,1-Dichloropropene	7.935	75	58759	20.643	ug/l	100
37) Ethyl Acetate	7.088	43	21943	19.079	ug/l #	95
38) Carbon Tetrachloride	7.917	117	60456	20.464	ug/l	96
39) Methylcyclohexane	9.197	83	72155	20.343	ug/l	92
40) Benzene	8.173	78	162441	20.312	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	10236	17.651	ug/l	93
42) 1,2-Dichloroethane	8.252	62	40479	19.535	ug/l	92
43) Isopropyl Acetate	8.283	43	42125	18.948	ug/l #	90
44) Trichloroethene	8.953	130	46432	20.202	ug/l	97
45) 1,2-Dichloropropane	9.228	63	38394	19.990	ug/l	94
46) Dibromomethane	9.319	93	20391	19.592	ug/l	95
47) Bromodichloromethane	9.508	83	53339	19.934	ug/l	99
48) Methyl methacrylate	9.307	41	23921	19.469	ug/l	88
49) 1,4-Dioxane	9.307	88	3849	348.343	ug/l #	47
51) 4-Methyl-2-Pentanone	10.081	43	108946	96.910	ug/l	92
52) Toluene	10.258	92	101330	20.044	ug/l	97
53) t-1,3-Dichloropropene	10.478	75	50412	19.435	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	61274	19.778	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	27822	19.395	ug/l	99
56) Ethyl methacrylate	10.520	69	25769	19.030	ug/l #	87
57) 1,3-Dichloropropane	10.801	76	47107	19.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	85383	92.990	ug/l	93
59) 2-Hexanone	10.843	43	85377	102.101	ug/l	90
60) Dibromochloromethane	10.996	129	34838	19.418	ug/l	100
61) 1,2-Dibromoethane	11.099	107	26447	19.351	ug/l	99
64) Tetrachloroethene	10.734	164	45846	20.571	ug/l	98
65) Chlorobenzene	11.526	112	107140	20.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	39097	19.989	ug/l	98
67) Ethyl Benzene	11.605	91	193484	20.302	ug/l	98
68) m/p-Xylenes	11.715	106	148067	40.961	ug/l	95
69) o-Xylene	12.044	106	68374	20.372	ug/l	96
70) Styrene	12.057	104	97539	20.296	ug/l	98
71) Bromoform	12.221	173	19093	18.812	ug/l #	100
73) Isopropylbenzene	12.343	105	187718	20.476	ug/l	100
74) N-amyl acetate	12.154	43	35422	19.236	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.593	83	28374	19.288	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	37563	32.420	ug/l #	100
77) Bromobenzene	12.623	156	41122	19.847	ug/l	94
78) n-propylbenzene	12.684	91	222815	20.566	ug/l	99
79) 2-Chlorotoluene	12.770	91	119788	20.063	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	151295	20.469	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	9849	19.685	ug/l	89
82) 4-Chlorotoluene	12.867	91	125196	20.292	ug/l	99
83) tert-Butylbenzene	13.087	119	132666	20.378	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	147399	20.253	ug/l	98
85) sec-Butylbenzene	13.264	105	191832	20.625	ug/l	100
86) p-Isopropyltoluene	13.379	119	162448	20.284	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	80634	20.228	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	78421	20.130	ug/l	99
89) n-Butylbenzene	13.709	91	151951	20.544	ug/l	97
90) Hexachloroethane	13.971	117	31370	20.305	ug/l	88
91) 1,2-Dichlorobenzene	13.751	146	67797	19.848	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4118	17.595	ug/l	89
93) 1,2,4-Trichlorobenzene	15.019	180	38461	19.290	ug/l	97
94) Hexachlorobutadiene	15.123	225	23487	20.562	ug/l	99
95) Naphthalene	15.245	128	65737	18.434	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	31956	19.377	ug/l	98

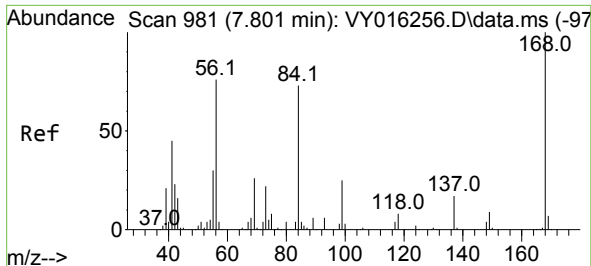
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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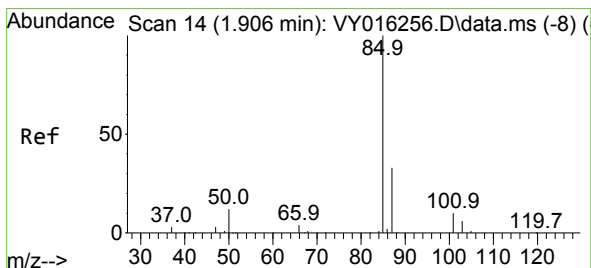
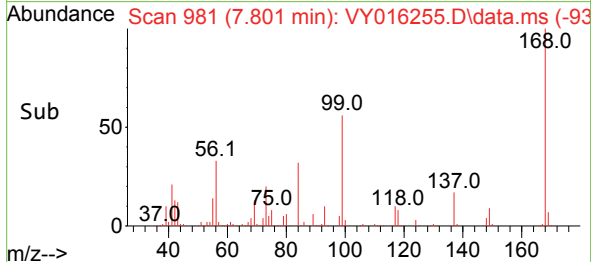
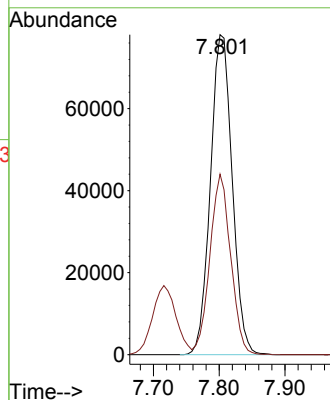
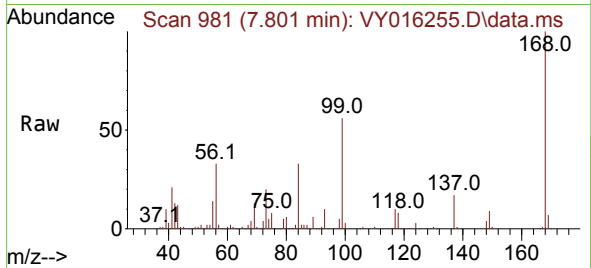
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

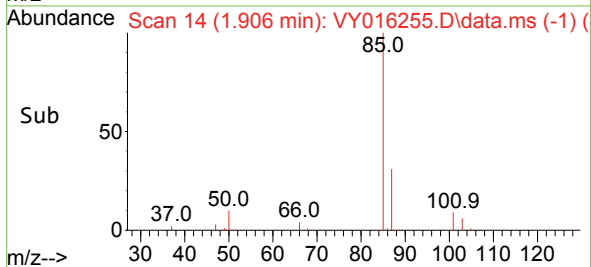
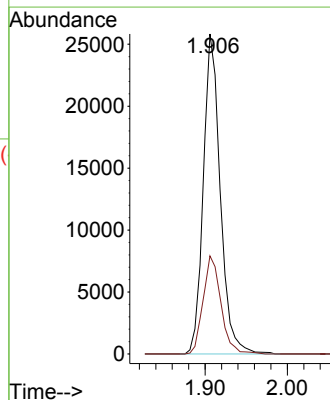
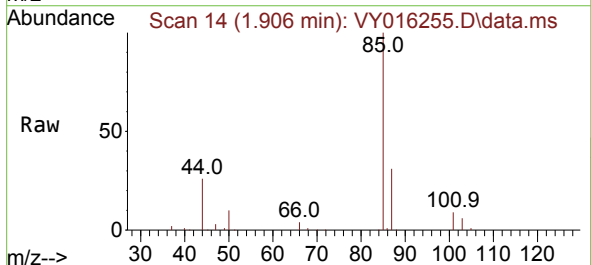
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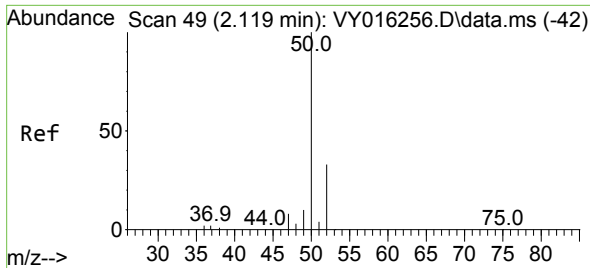
Tgt Ion:168 Resp: 180079
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.981 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 85 Resp: 36996
Ion Ratio Lower Upper
85 100
87 30.6 15.6 46.8

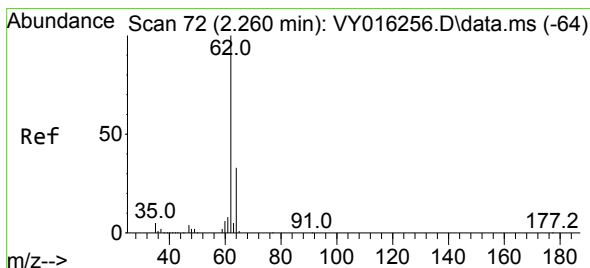
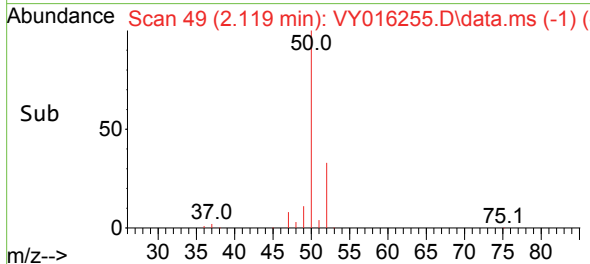
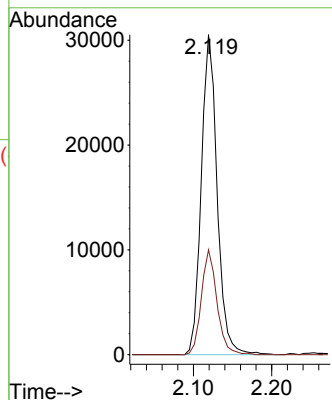
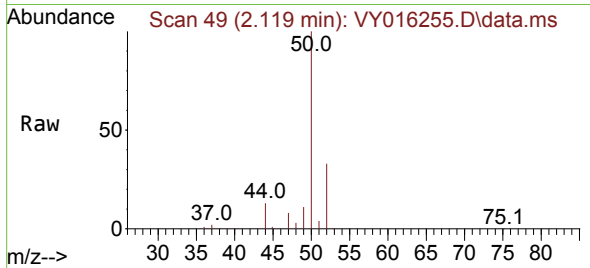




#3
Chloromethane
Concen: 20.778 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

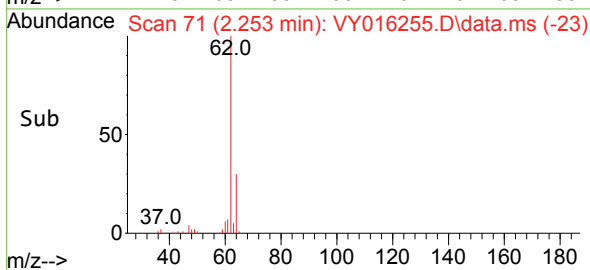
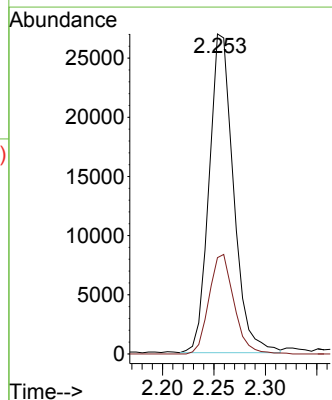
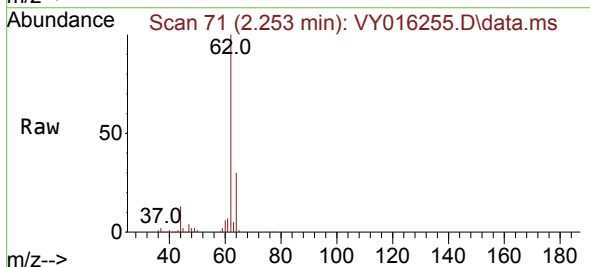
Instrument :
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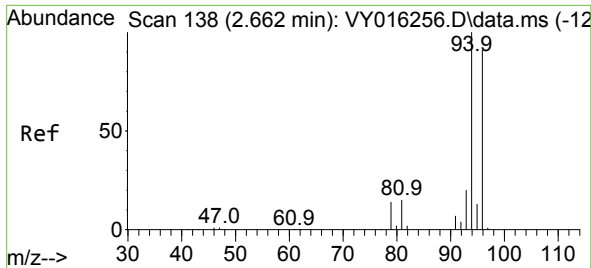
Tgt Ion: 50 Resp: 42909
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 20.060 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 62 Resp: 44545
Ion Ratio Lower Upper
62 100
64 30.2 24.3 36.5

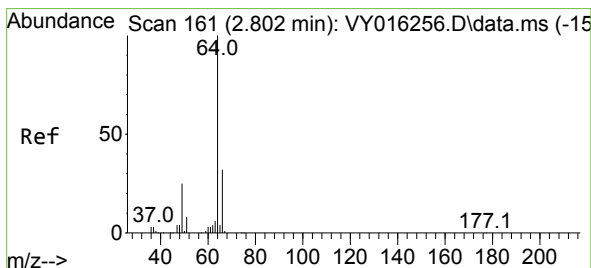
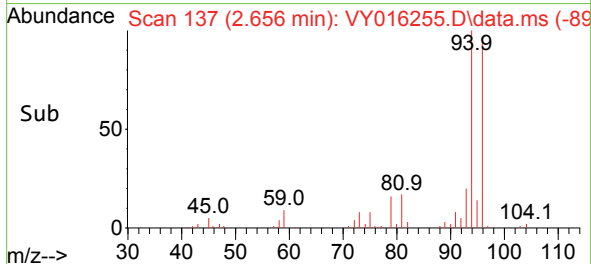
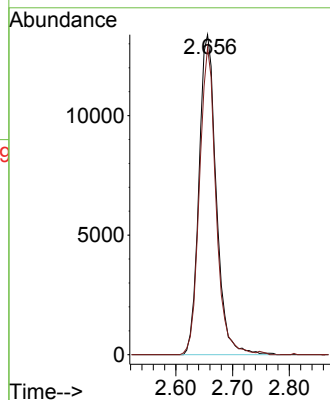
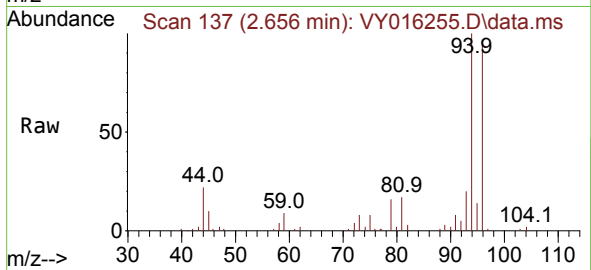




#5
Bromomethane
Concen: 19.389 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

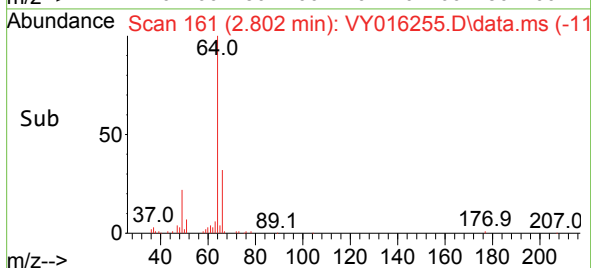
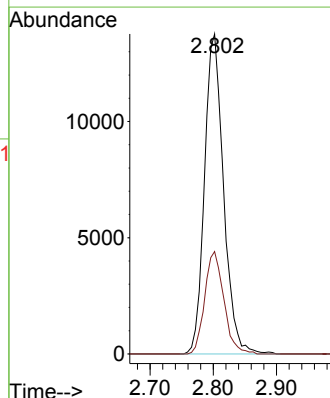
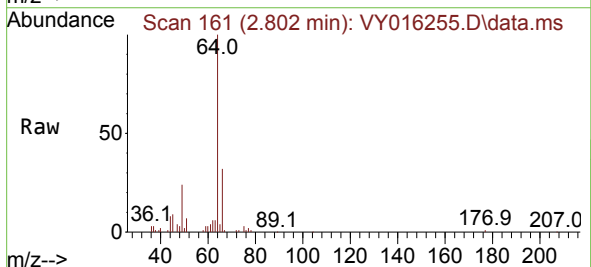
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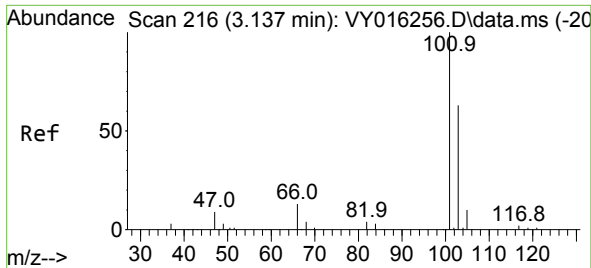
Tgt Ion: 94 Resp: 28295
Ion Ratio Lower Upper
94 100
96 96.0 75.8 113.6



#6
Chloroethane
Concen: 20.352 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 64 Resp: 28837
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6

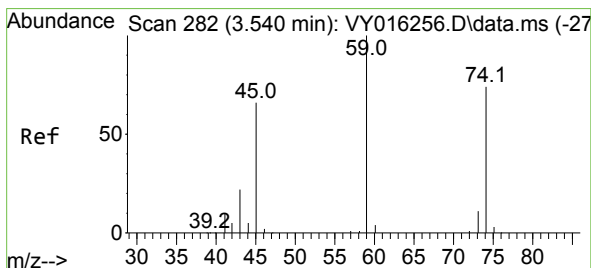
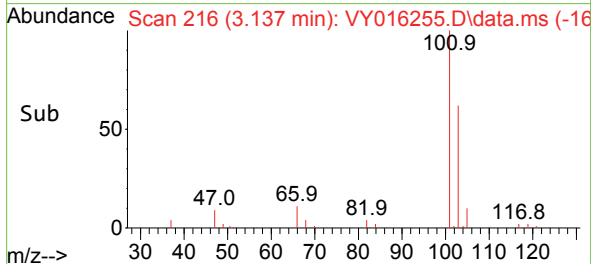
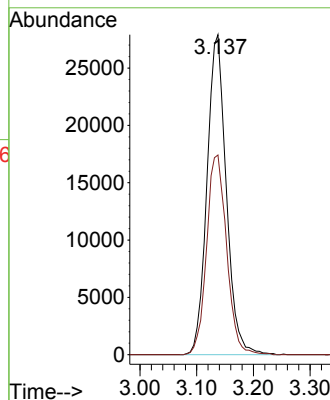
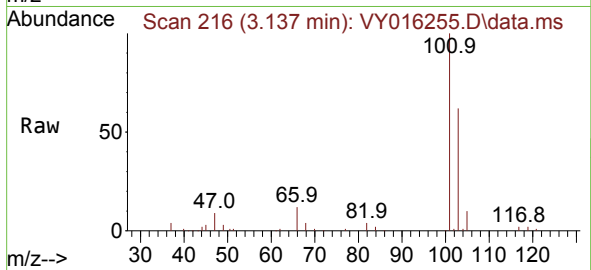




#7
Trichlorofluoromethane
Concen: 20.376 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY016255.D
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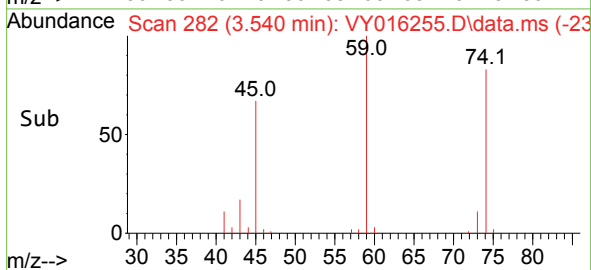
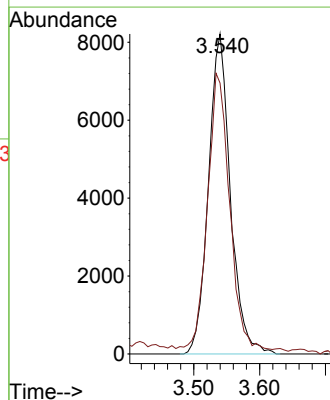
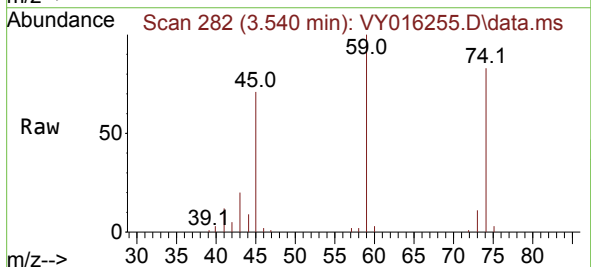
Instrument :
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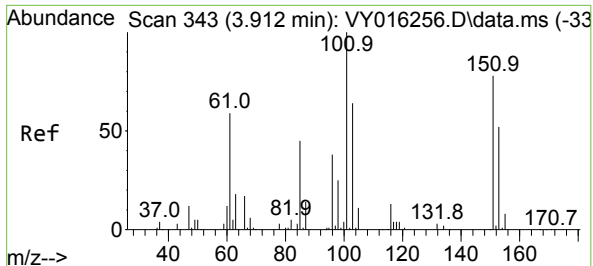
Tgt Ion:101 Resp: 65830
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.0



#8
Diethyl Ether
Concen: 19.756 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 74 Resp: 19076
Ion Ratio Lower Upper
74 100
45 87.5 51.5 154.5

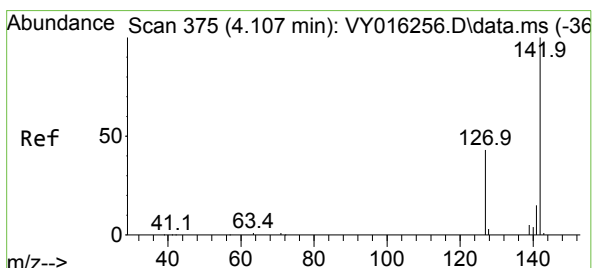
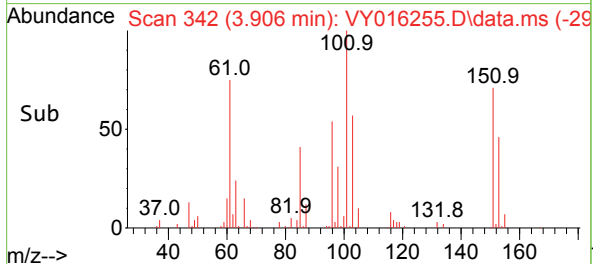
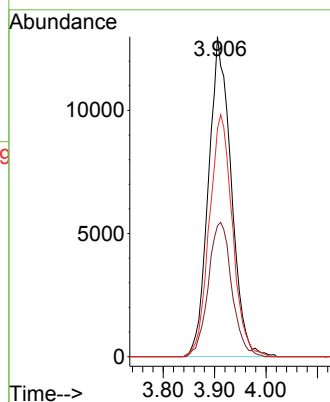
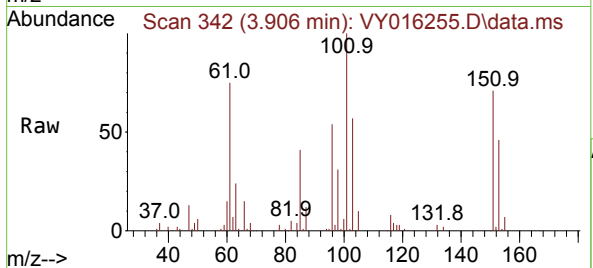




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.423 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.006 min
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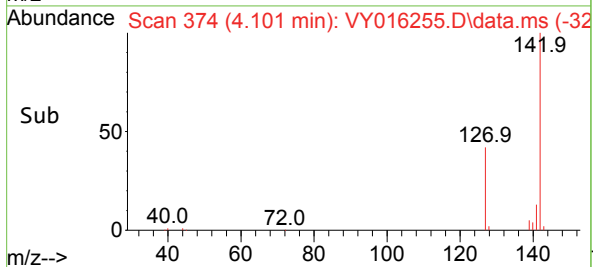
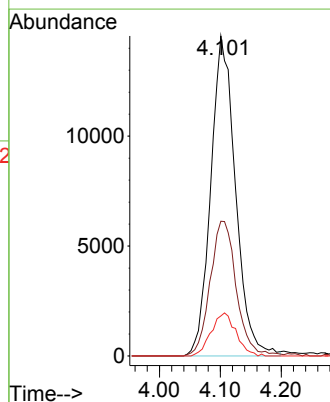
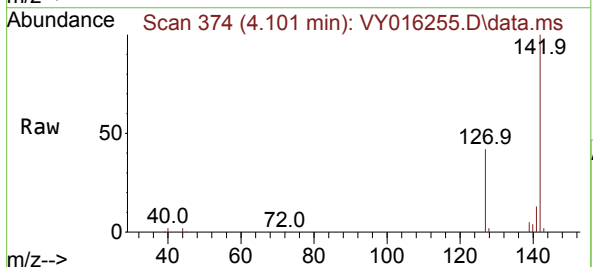
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 39739
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 77.1 67.0 100.6



#10
Methyl Iodide
Concen: 19.558 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion:142 Resp: 41101
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 13.5 11.8 17.8

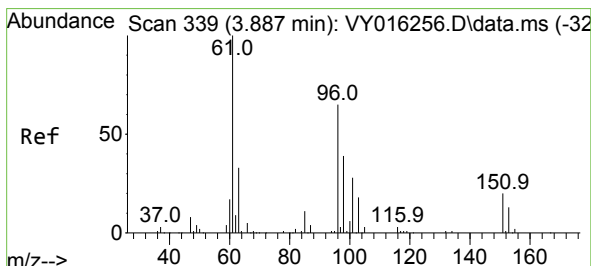
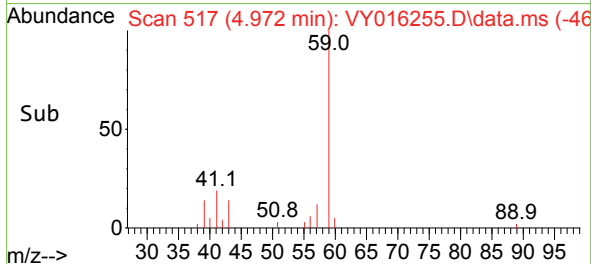
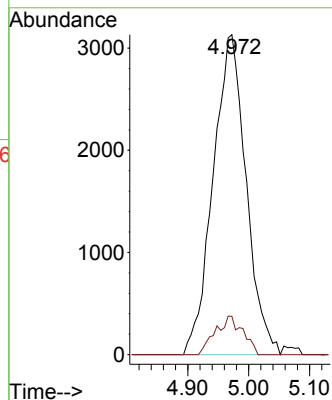
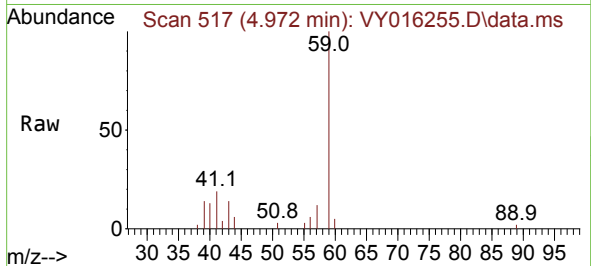




#11
Tert butyl alcohol
Concen: 91.502 ug/l
RT: 4.972 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

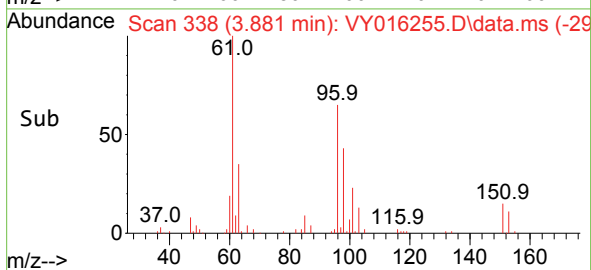
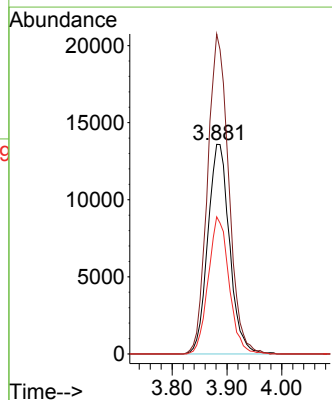
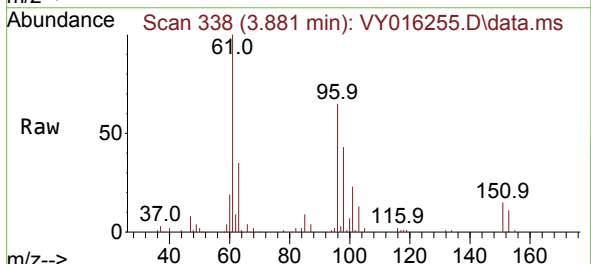
Instrument :
MSVOA_Y
ClientSampleId :

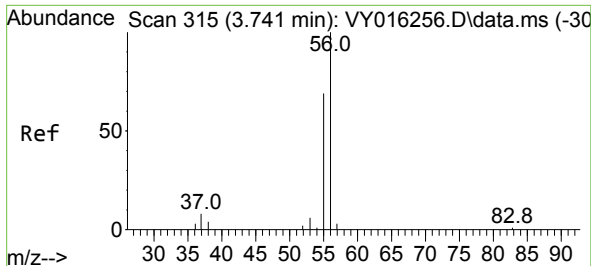
Tgt Ion: 59 Resp: 11793
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.516 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 96 Resp: 37334
Ion Ratio Lower Upper
96 100
61 152.7 136.4 204.6
98 65.4 49.4 74.2





#13

Acrolein

Concen: 96.008 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

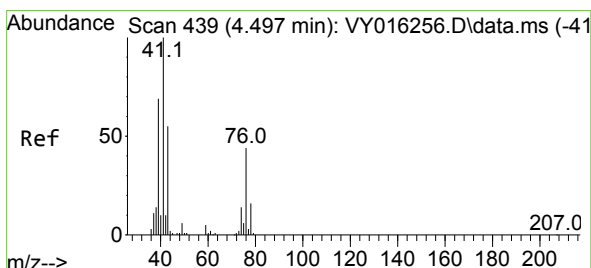
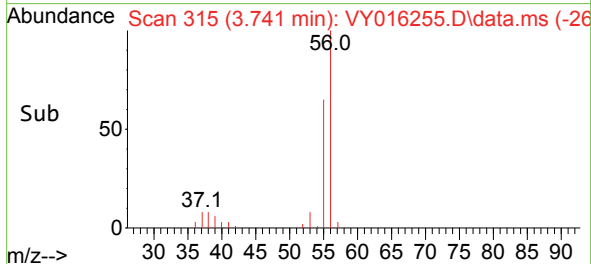
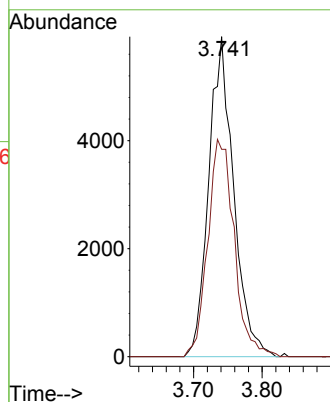
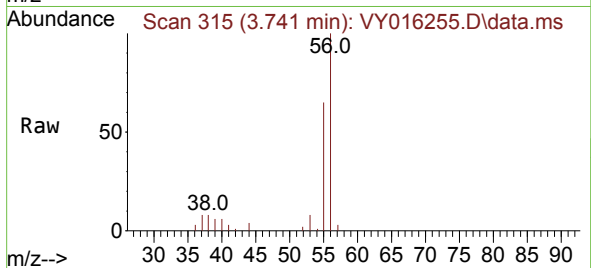
ClientSampleId :

Tgt Ion: 56 Resp: 14925

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4



#14

Allyl chloride

Concen: 19.987 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

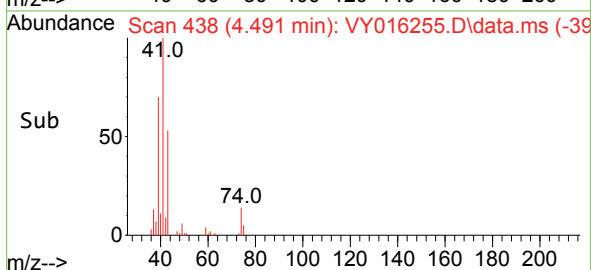
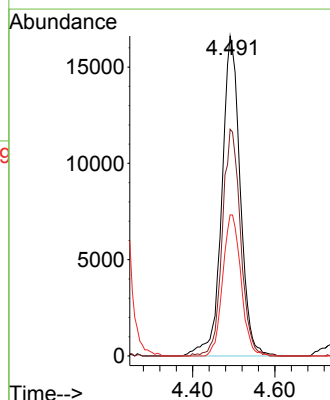
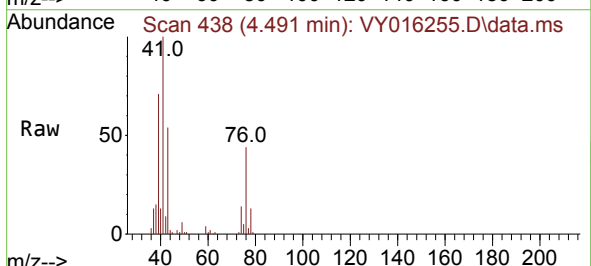
Tgt Ion: 41 Resp: 51613

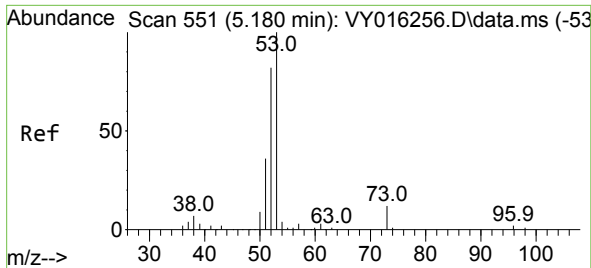
Ion Ratio Lower Upper

41 100

39 70.1 58.0 87.0

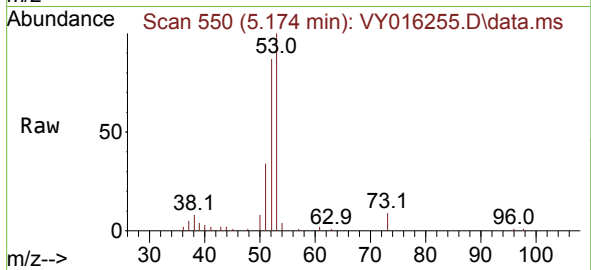
76 43.9 27.4 41.2#



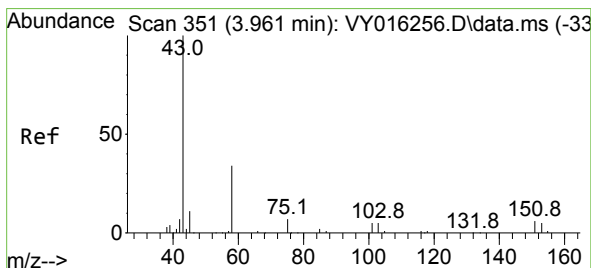
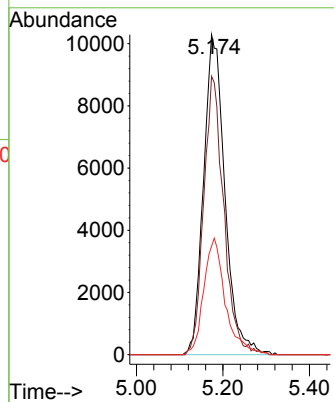
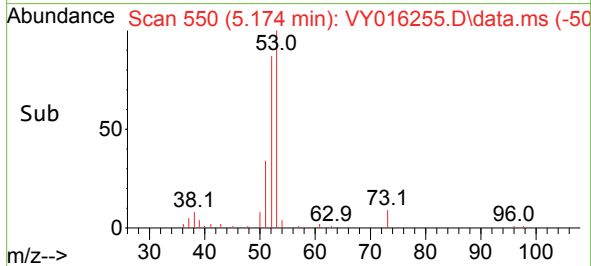


#15
Acrylonitrile
Concen: 91.930 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Instrument :
MSVOA_Y
ClientSampleId :

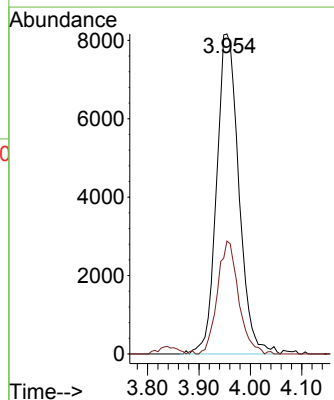
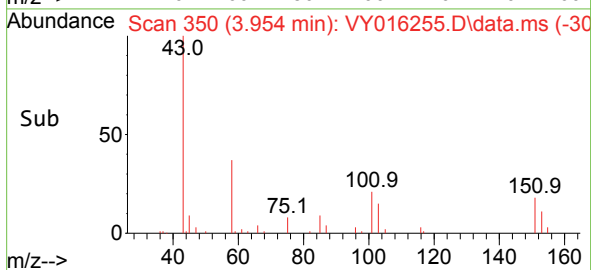
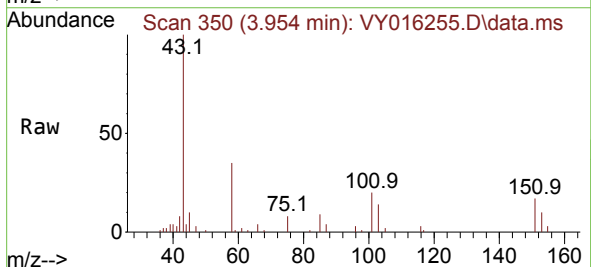


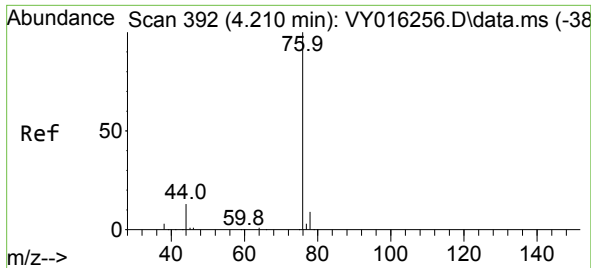
Tgt Ion: 53 Resp: 35226
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.9 29.8 44.6



#16
Acetone
Concen: 90.334 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 43 Resp: 24593
Ion Ratio Lower Upper
43 100
58 35.3 22.7 34.1#





#17

Carbon Disulfide

Concen: 20.374 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

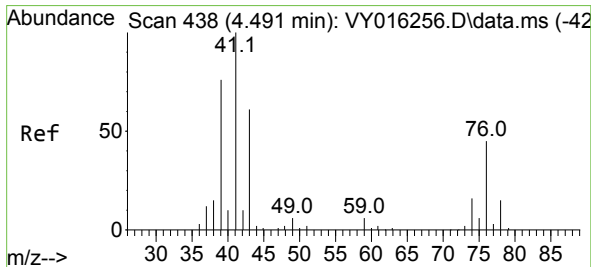
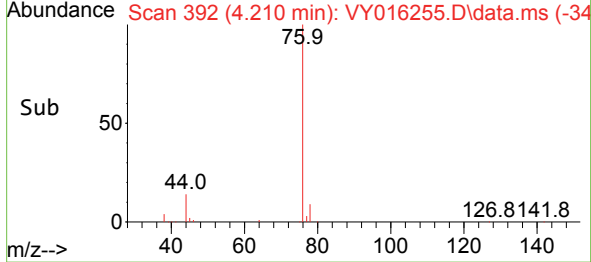
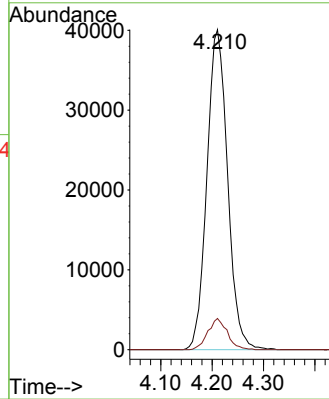
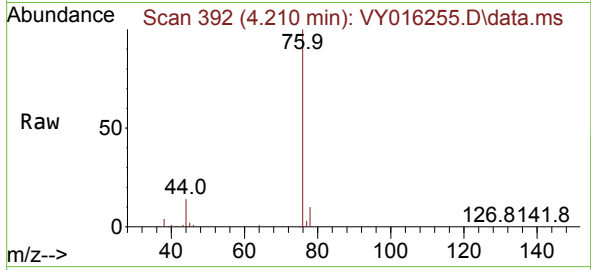
ClientSampleId :

Tgt Ion: 76 Resp: 111867

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4



#18

Methyl Acetate

Concen: 18.702 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016255.D

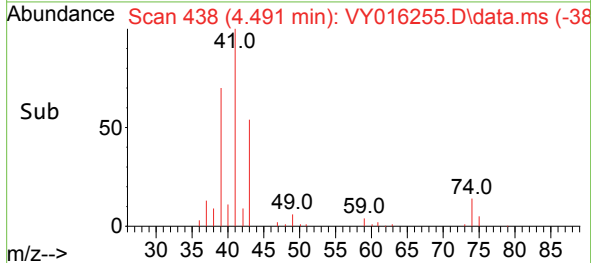
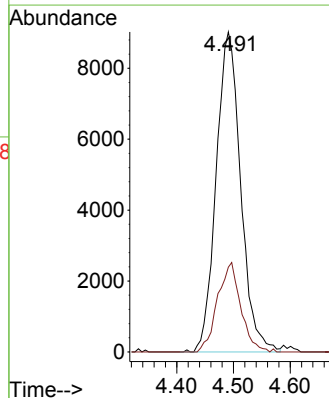
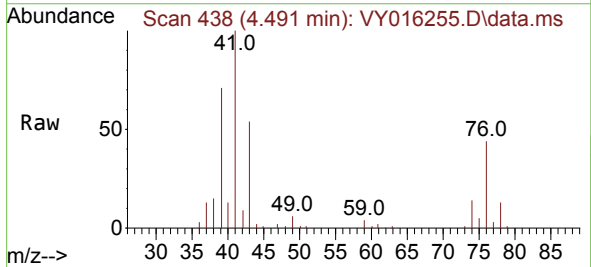
Acq: 08 Nov 2023 09:49

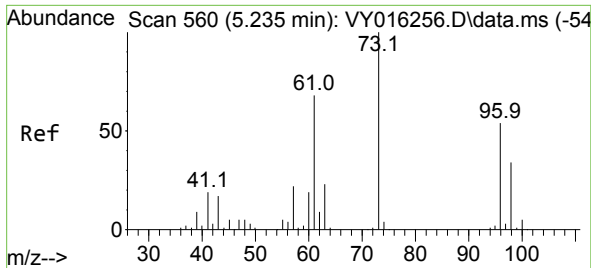
Tgt Ion: 43 Resp: 27055

Ion Ratio Lower Upper

43 100

74 26.6 17.4 26.0#

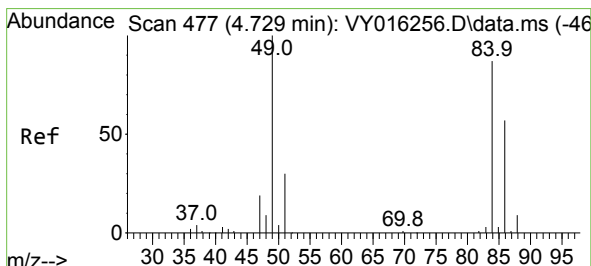
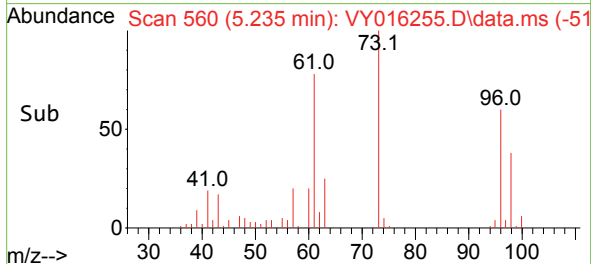
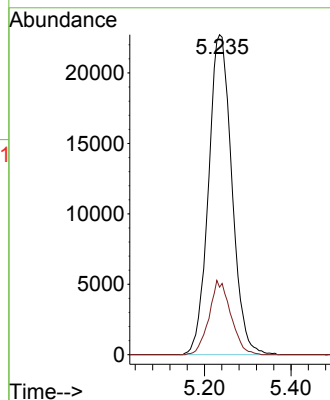
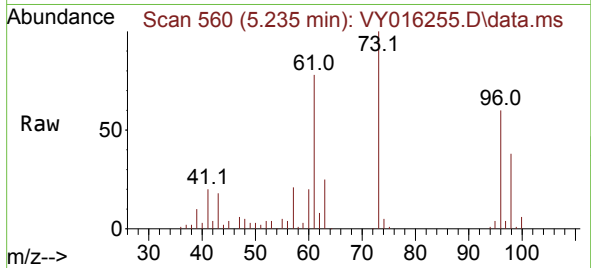




#19
Methyl tert-butyl Ether
Concen: 19.316 ug/l
RT: 5.235 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

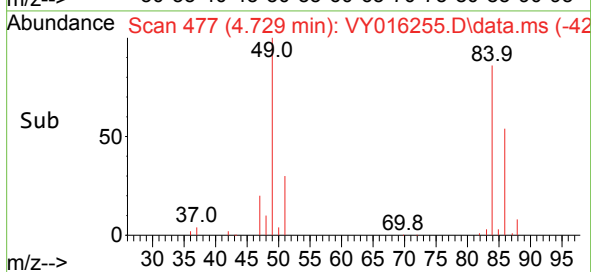
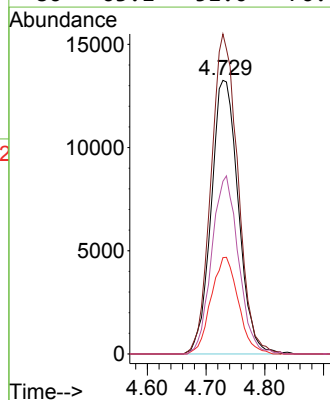
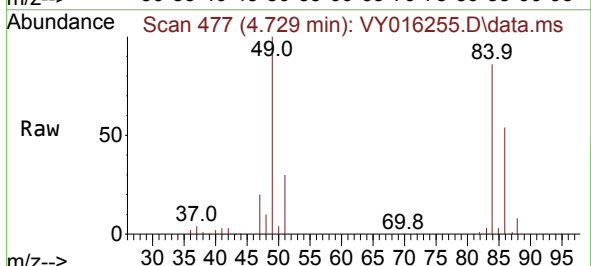
Instrument :
MSVOA_Y
ClientSampleId :

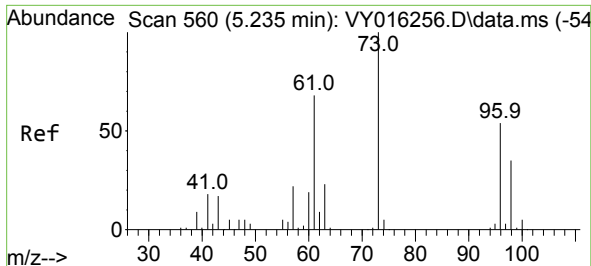
Tgt Ion: 73 Resp: 85076
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 20.025 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 84 Resp: 42526
Ion Ratio Lower Upper
84 100
49 116.9 106.9 160.3
51 35.2 33.2 49.8
86 63.1 51.0 76.6

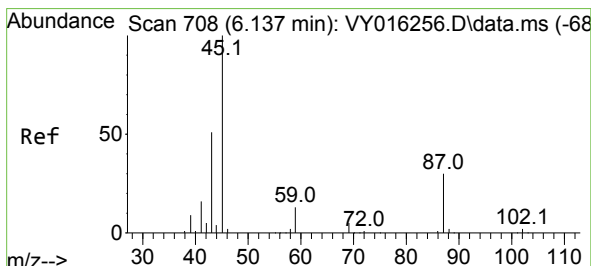
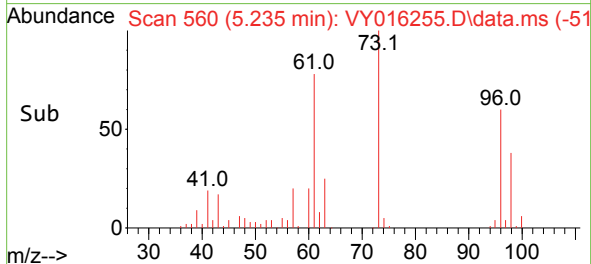
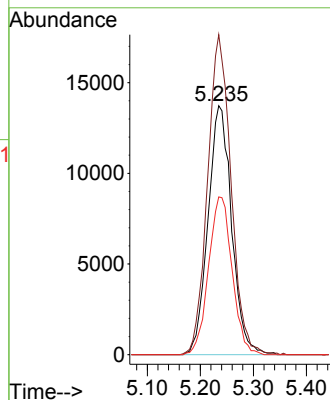
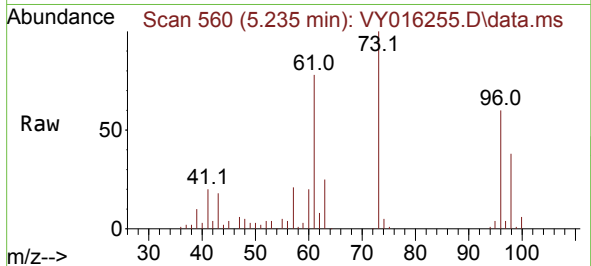




#21
trans-1,2-Dichloroethene
Concen: 20.264 ug/l
RT: 5.235 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

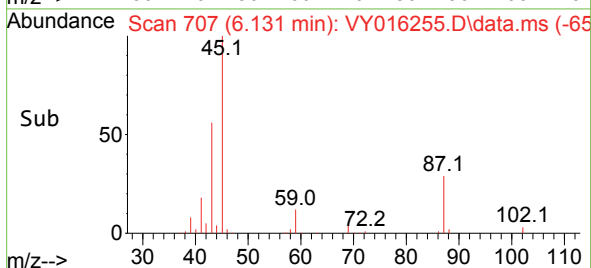
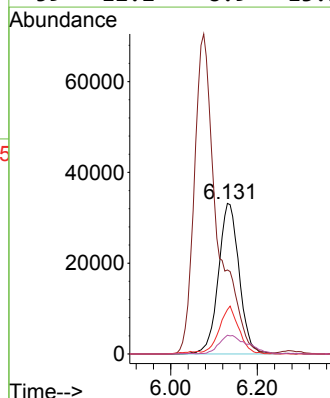
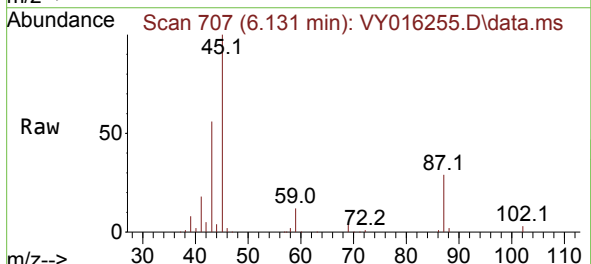
Instrument :
MSVOA_Y
ClientSampleId :

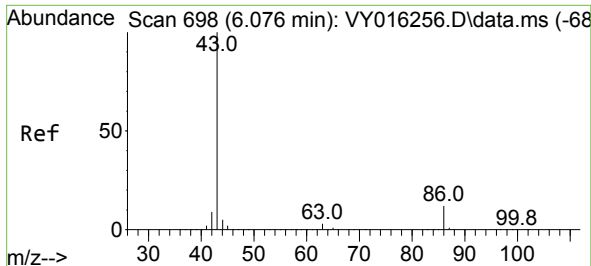
Tgt Ion: 96 Resp: 42457
Ion Ratio Lower Upper
96 100
61 128.5 110.2 165.4
98 63.4 51.8 77.6



#22
Diisopropyl ether
Concen: 19.869 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 45 Resp: 110579
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 29.4 21.0 31.6
59 12.2 8.9 13.3

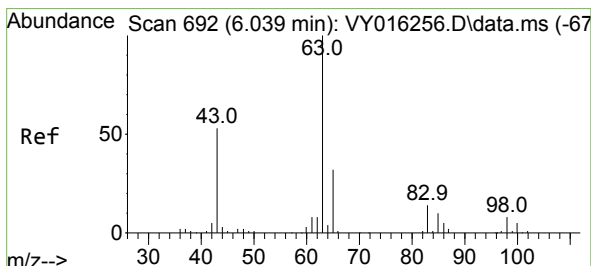
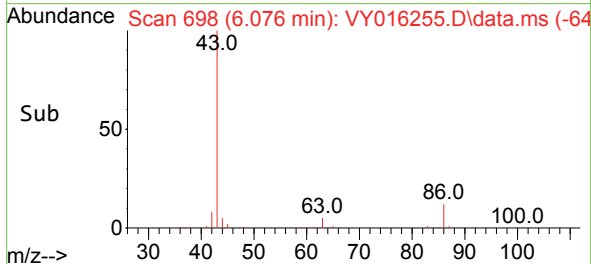
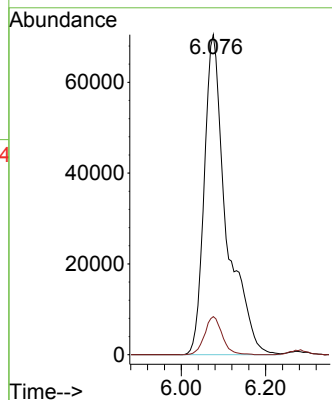
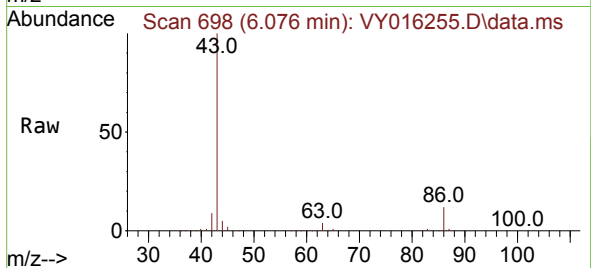




#23
 Vinyl Acetate
 Concen: 95.684 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016255.D
 Acq: 08 Nov 2023 09:49

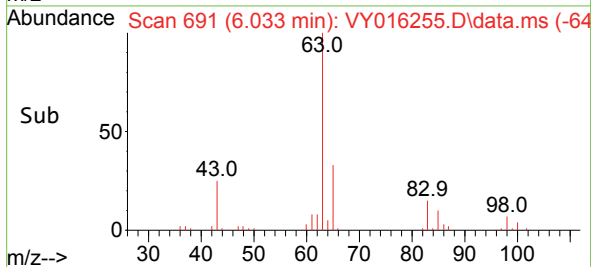
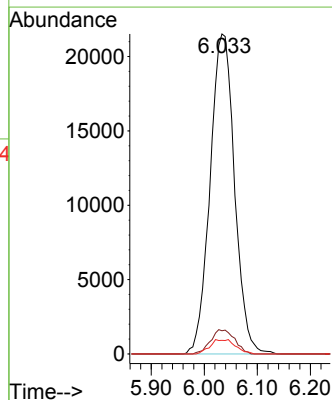
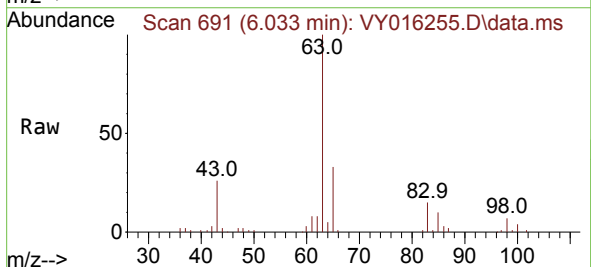
Instrument :
 MSVOA_Y
 ClientSampleId :

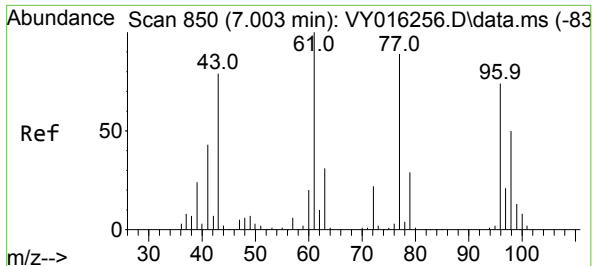
Tgt Ion: 43 Resp: 258027
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.082 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY016255.D
 Acq: 08 Nov 2023 09:49

Tgt Ion: 63 Resp: 68948
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.2 1.8 5.5





#25

2-Butanone

Concen: 93.950 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

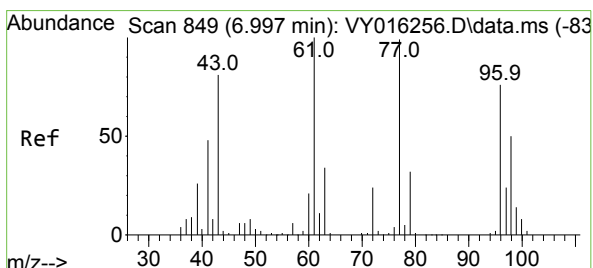
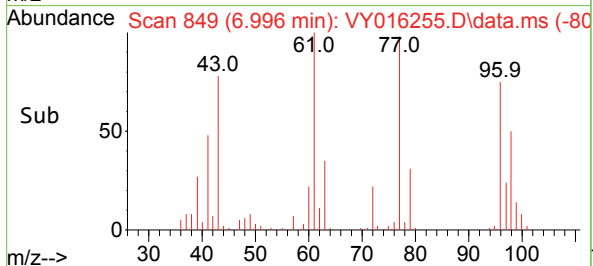
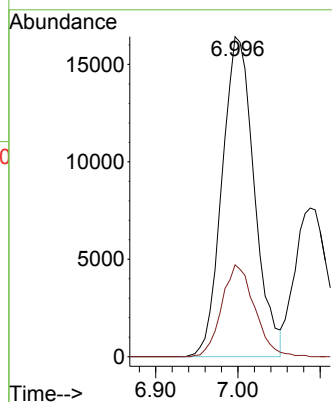
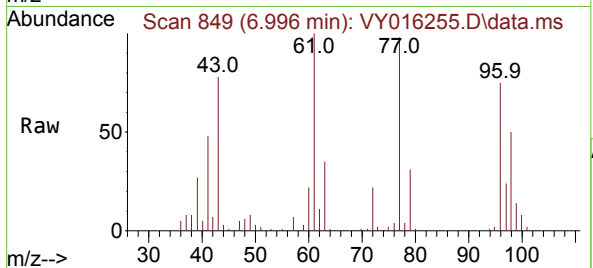
ClientSampleId :

Tgt Ion: 43 Resp: 44800

Ion Ratio Lower Upper

43 100

72 28.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.270 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016255.D

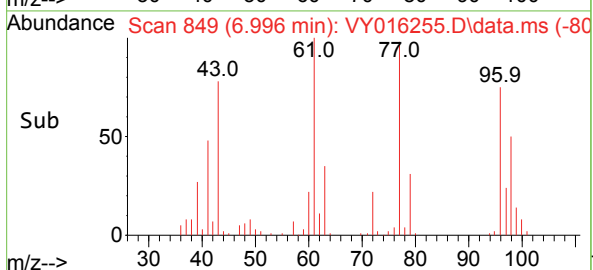
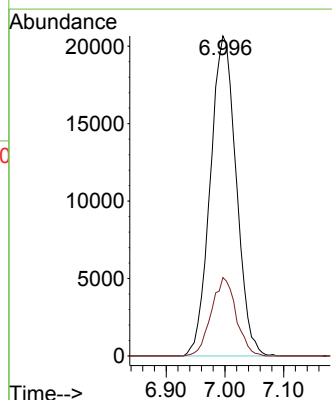
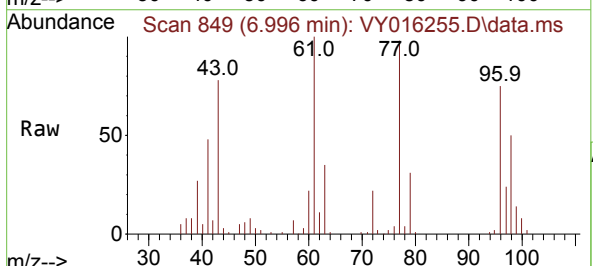
Acq: 08 Nov 2023 09:49

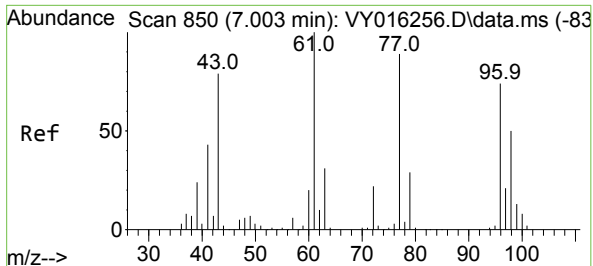
Tgt Ion: 77 Resp: 63339

Ion Ratio Lower Upper

77 100

97 23.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.978 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

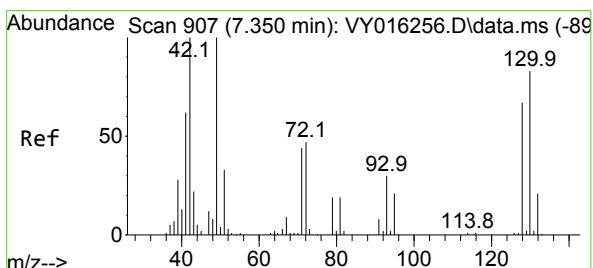
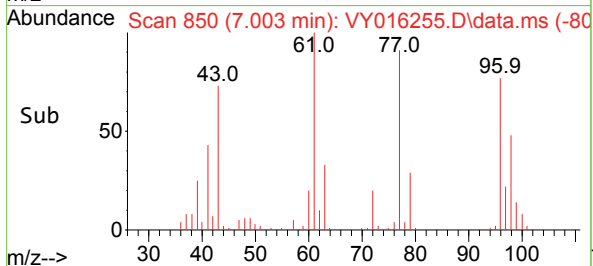
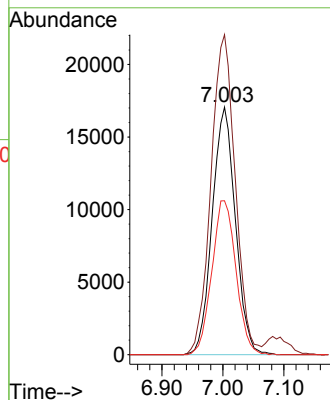
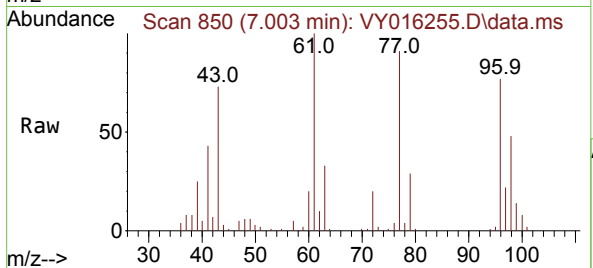
Tgt Ion: 96 Resp: 45111

Ion Ratio Lower Upper

96 100

61 135.5 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 20.199 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

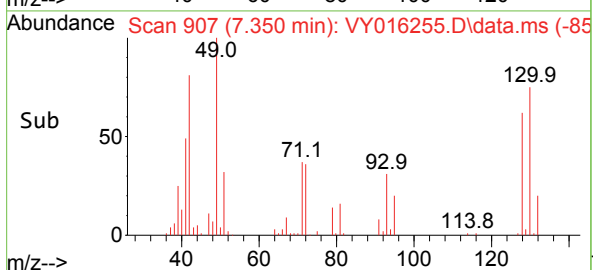
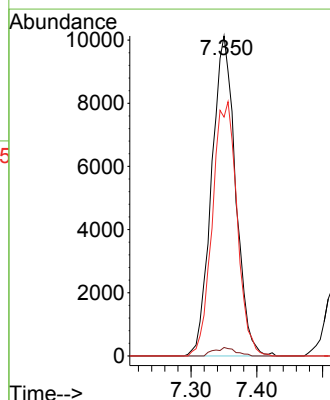
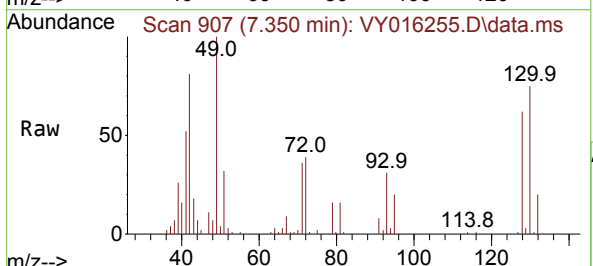
Tgt Ion: 49 Resp: 25667

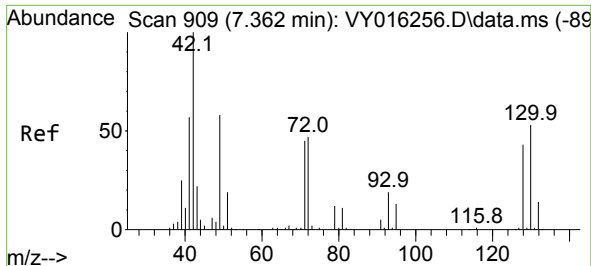
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 81.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 93.305 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

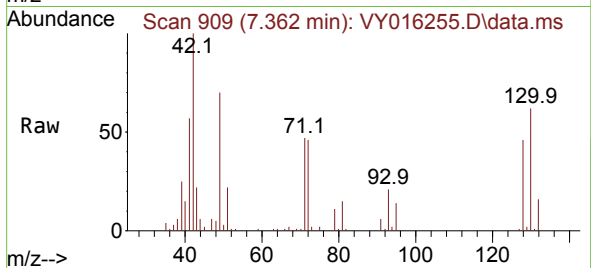
Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :



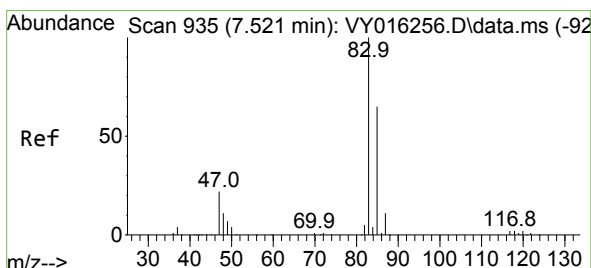
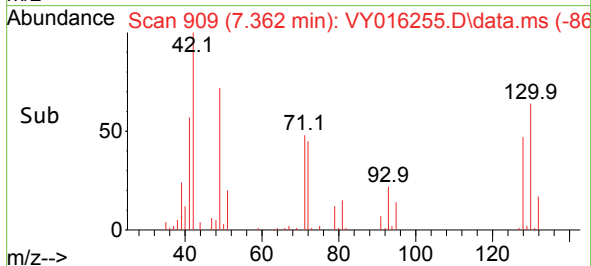
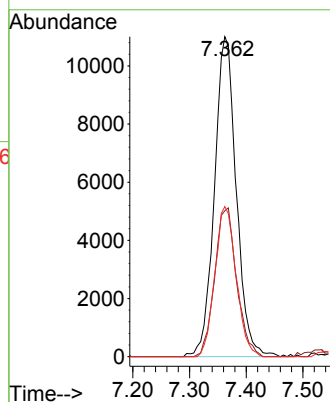
Tgt Ion: 42 Resp: 29408

Ion Ratio Lower Upper

42 100

72 46.7 32.8 49.2

71 45.6 31.0 46.4



#30

Chloroform

Concen: 19.790 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016255.D

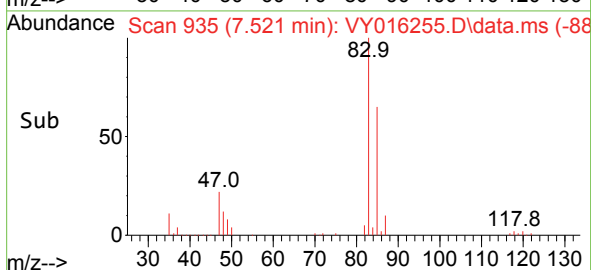
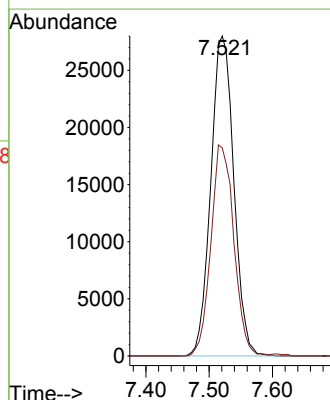
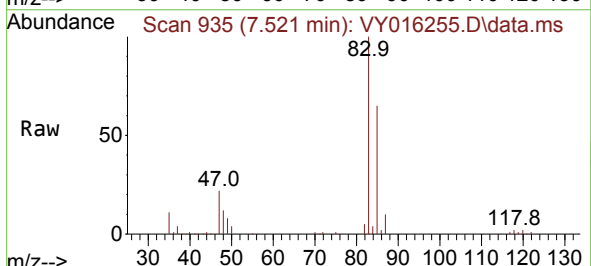
Acq: 08 Nov 2023 09:49

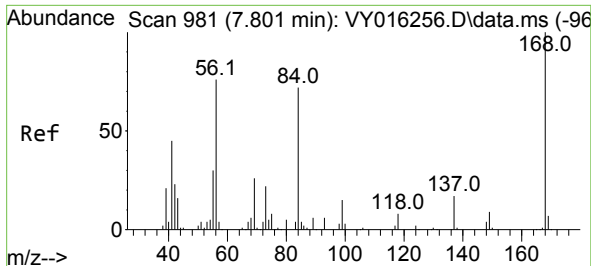
Tgt Ion: 83 Resp: 70725

Ion Ratio Lower Upper

83 100

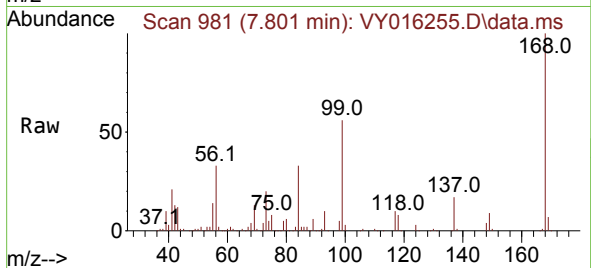
85 65.0 49.7 74.5



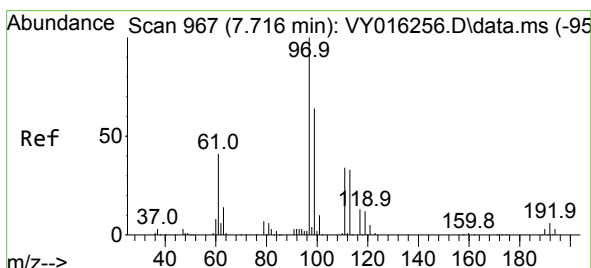
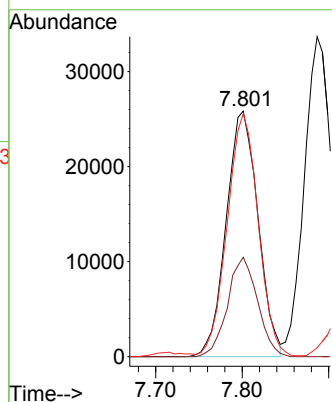
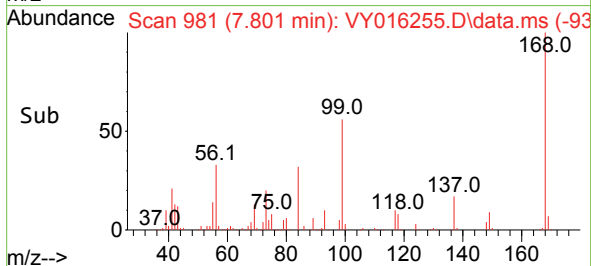


#31
Cyclohexane
Concen: 20.363 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Instrument :
MSVOA_Y
ClientSampleId :

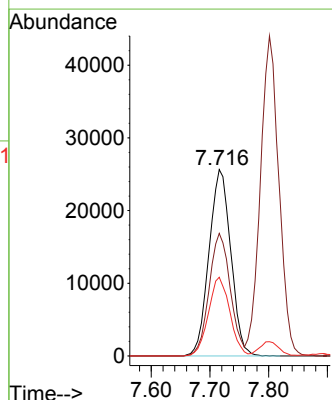
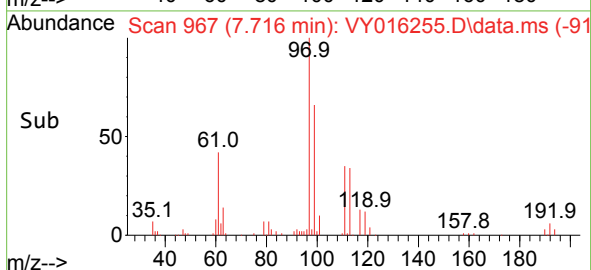
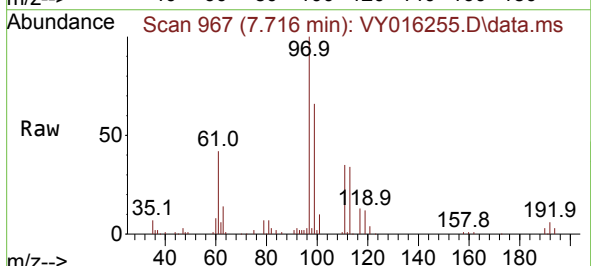


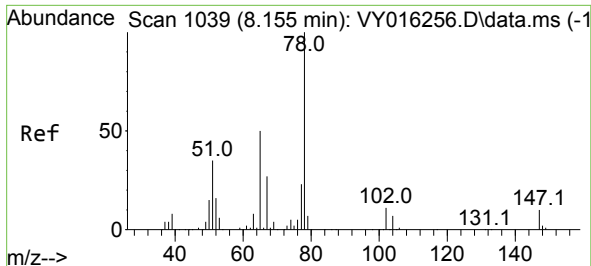
Tgt Ion: 56 Resp: 65983
Ion Ratio Lower Upper
56 100
69 40.4 27.8 41.6
84 97.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.174 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 97 Resp: 66089
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 19.051 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

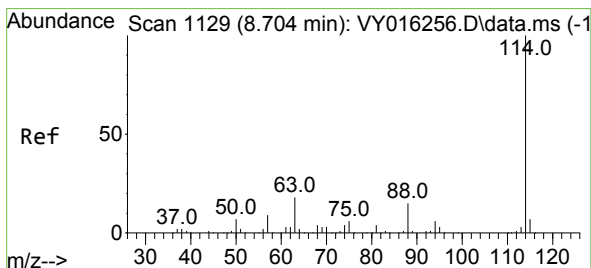
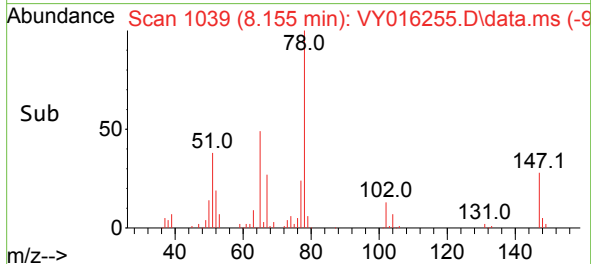
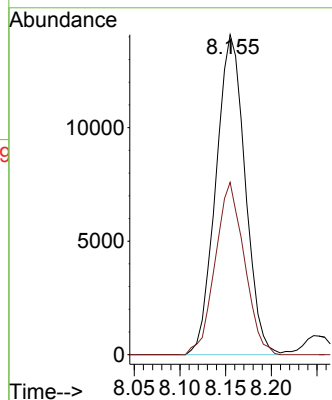
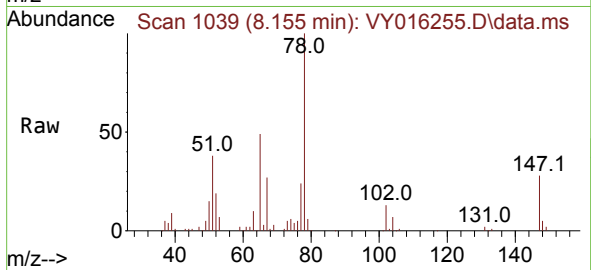
ClientSampleId :

Tgt Ion: 65 Resp: 31355

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

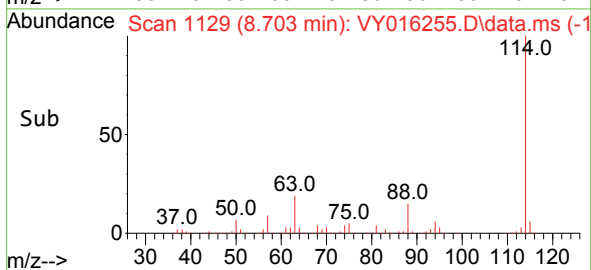
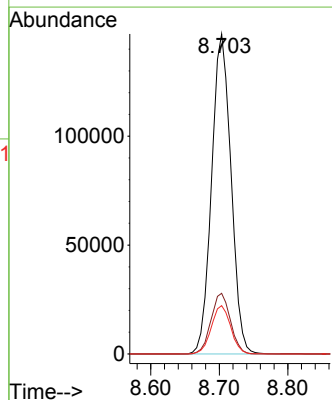
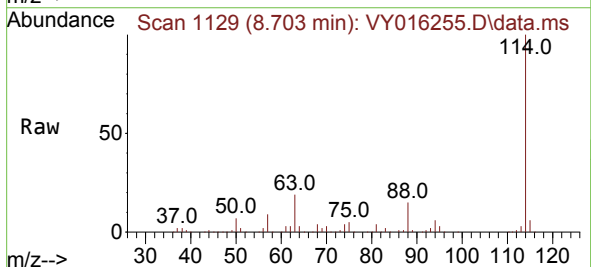
Tgt Ion: 114 Resp: 288574

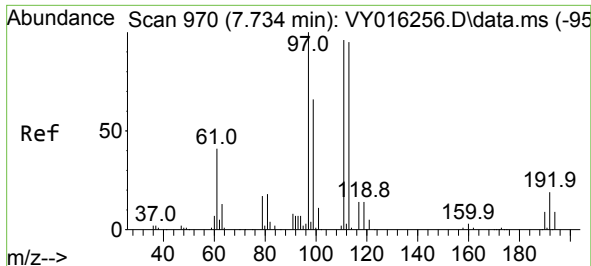
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.1 0.0 30.6

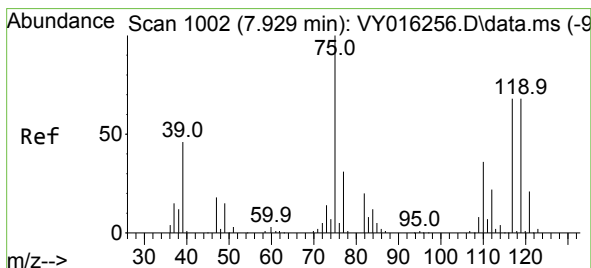
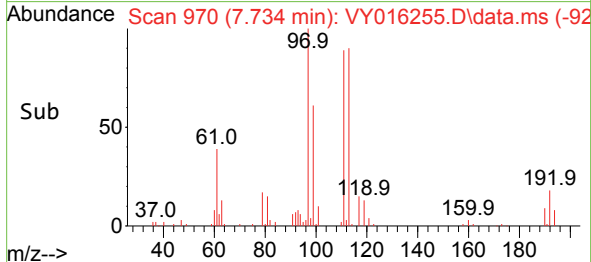
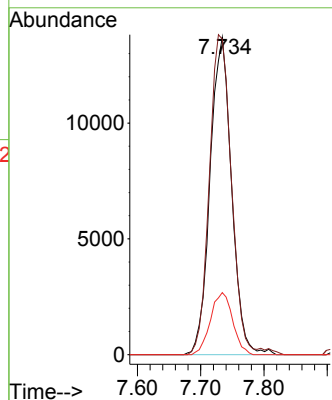
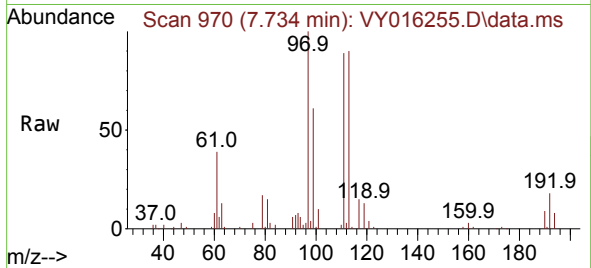




#35
Dibromofluoromethane
Concen: 19.758 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

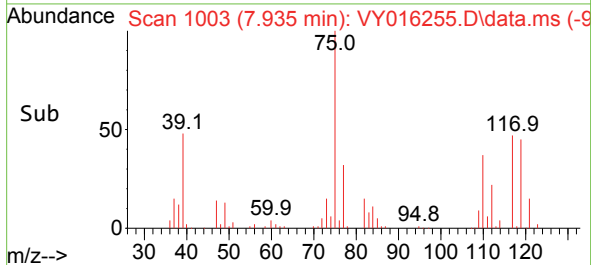
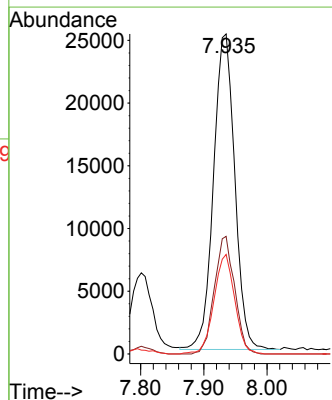
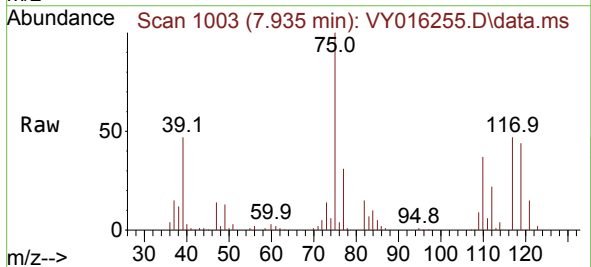
Instrument :
MSVOA_Y
ClientSampleId :

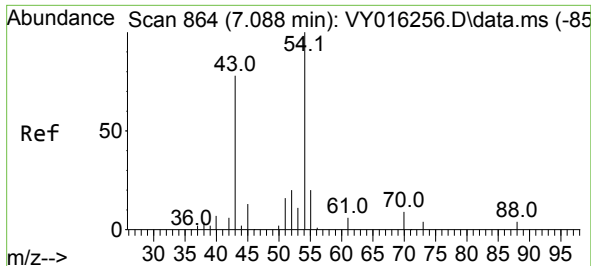
Tgt Ion:113 Resp: 32389
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.643 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 75 Resp: 58759
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 19.079 ug/l

RT: 7.088 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

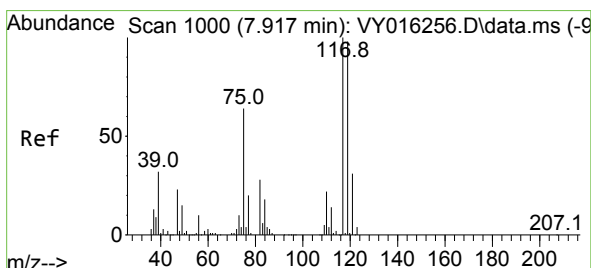
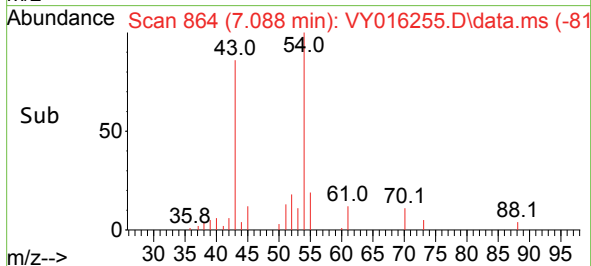
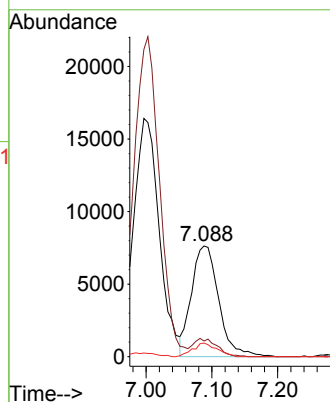
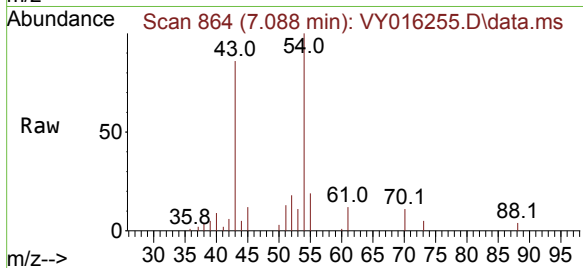
Tgt Ion: 43 Resp: 21943

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.464 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

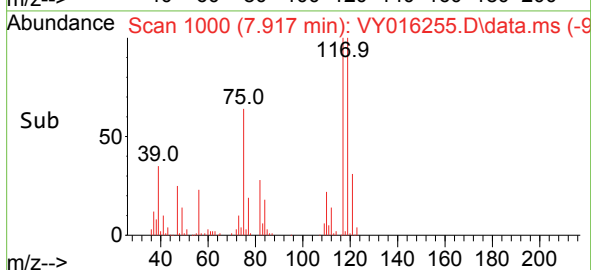
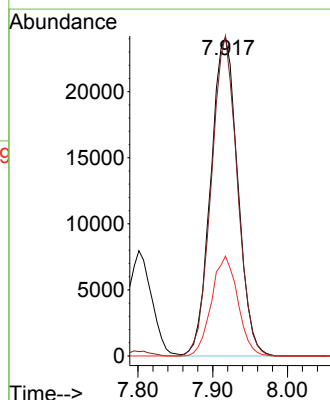
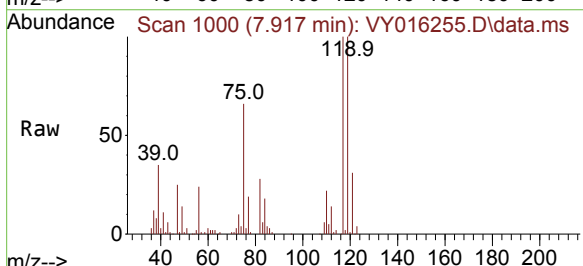
Tgt Ion: 117 Resp: 60456

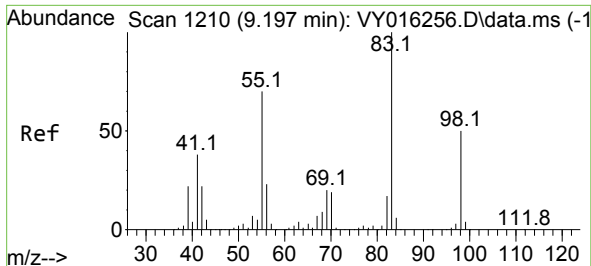
Ion Ratio Lower Upper

117 100

119 100.4 76.4 114.6

121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 20.343 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

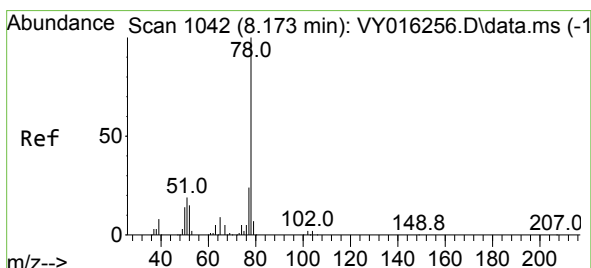
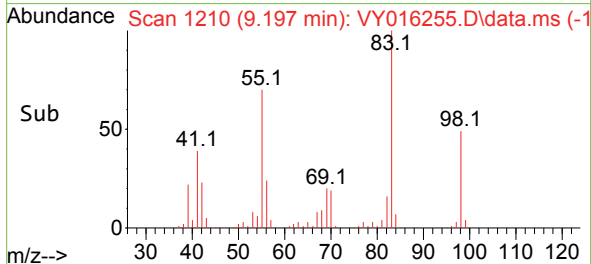
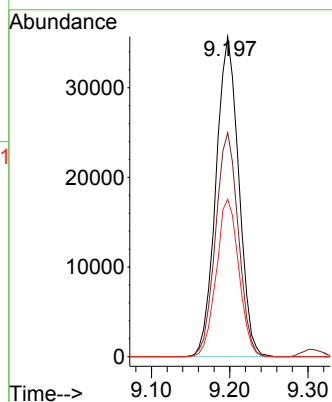
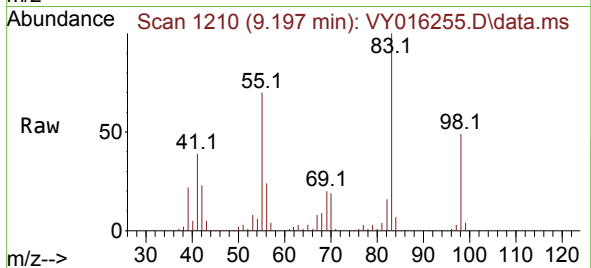
Tgt Ion: 83 Resp: 72155

Ion Ratio Lower Upper

83 100

55 70.0 63.0 94.4

98 49.2 37.4 56.2



#40

Benzene

Concen: 20.312 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016255.D

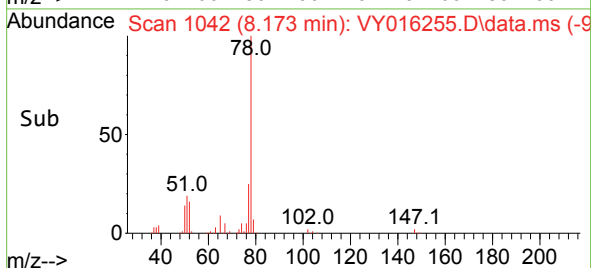
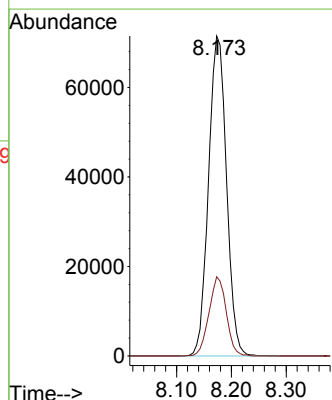
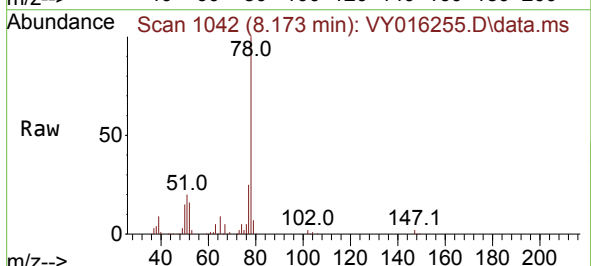
Acq: 08 Nov 2023 09:49

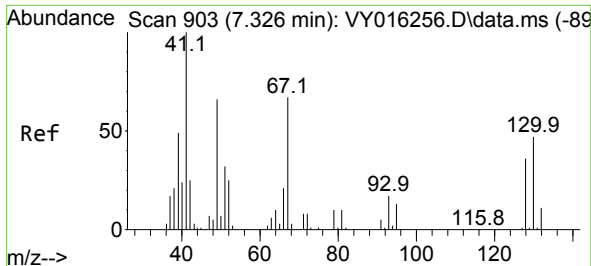
Tgt Ion: 78 Resp: 162441

Ion Ratio Lower Upper

78 100

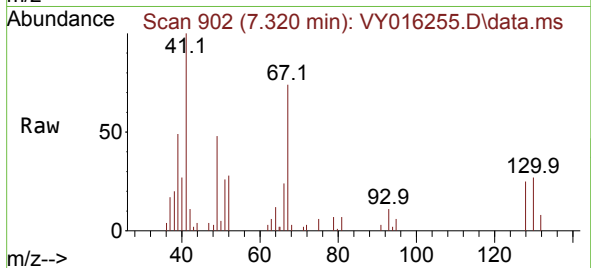
77 24.7 19.0 28.6





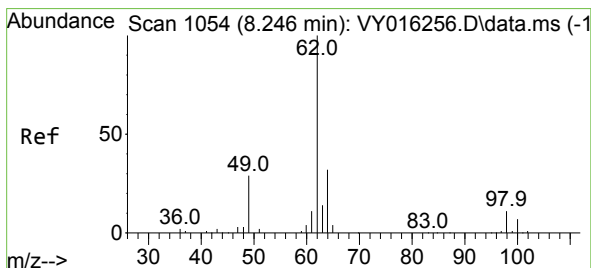
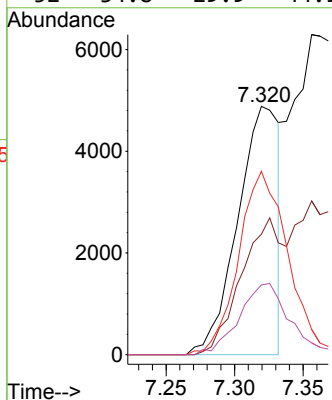
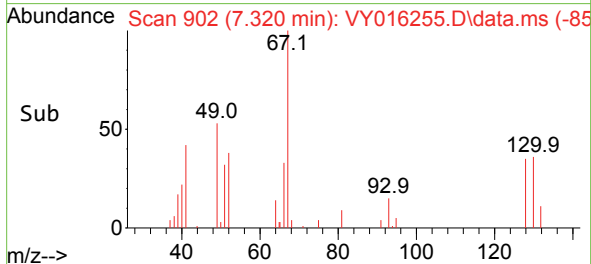
#41
Methacrylonitrile
Concen: 17.651 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 10236

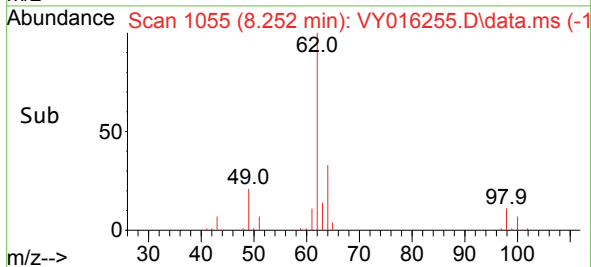
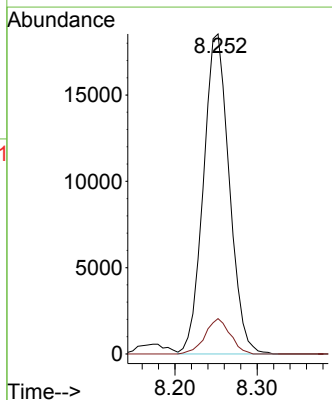
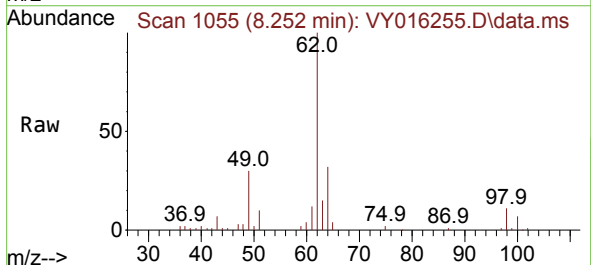
Ion	Ratio	Lower	Upper
41	100		
39	57.6	52.1	78.1
67	88.6	66.2	99.2
52	34.8	29.9	44.9

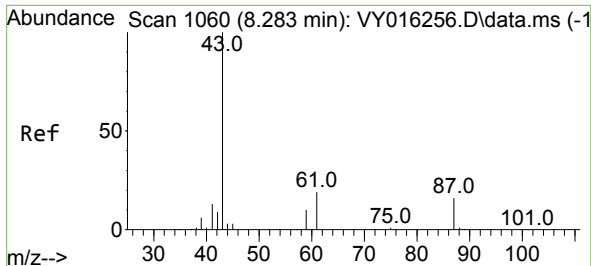


#42
1,2-Dichloroethane
Concen: 19.535 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 62 Resp: 40479

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	15.8

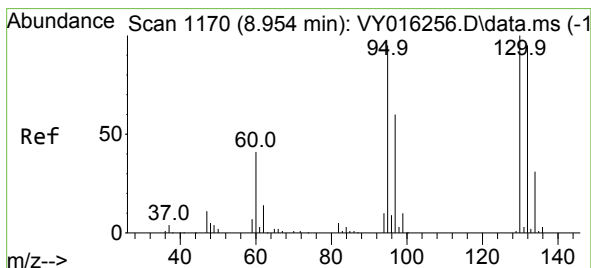
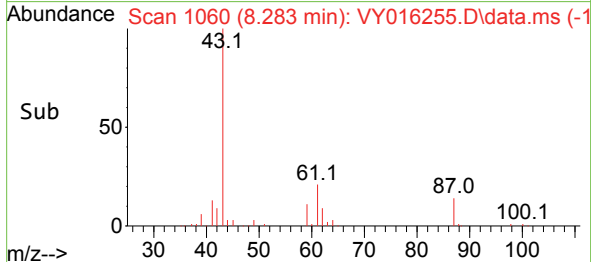
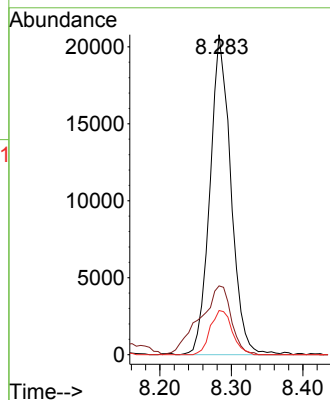
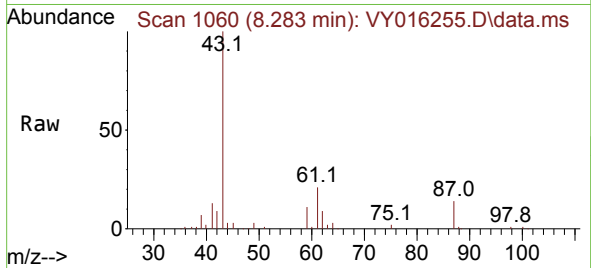




#43
Isopropyl Acetate
Concen: 18.948 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

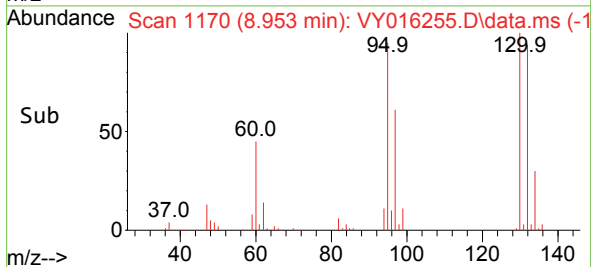
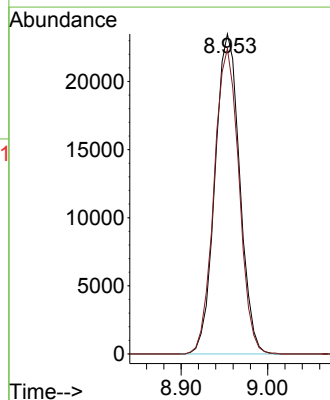
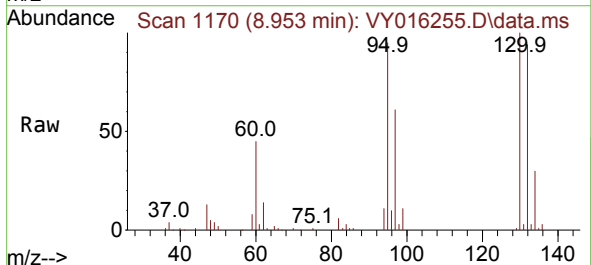
Instrument :
MSVOA_Y
ClientSampleId :

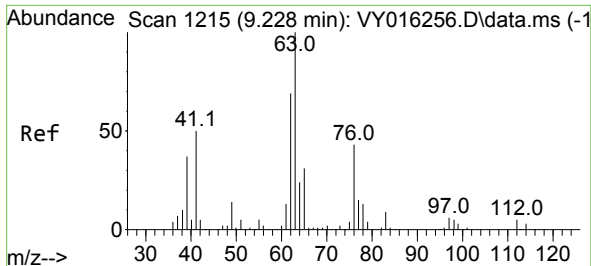
Tgt Ion: 43 Resp: 42125
Ion Ratio Lower Upper
43 100
61 32.2 21.1 31.7#
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 20.202 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion:130 Resp: 46432
Ion Ratio Lower Upper
130 100
95 95.4 0.0 196.0

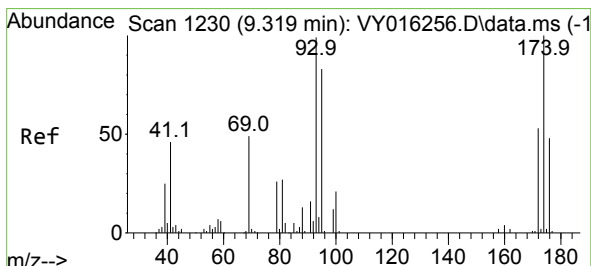
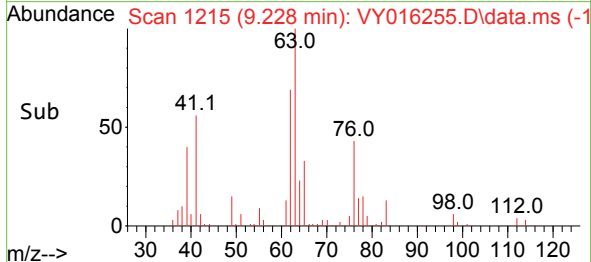
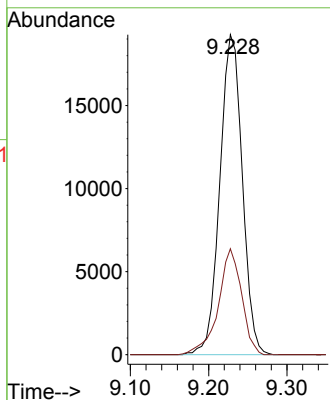
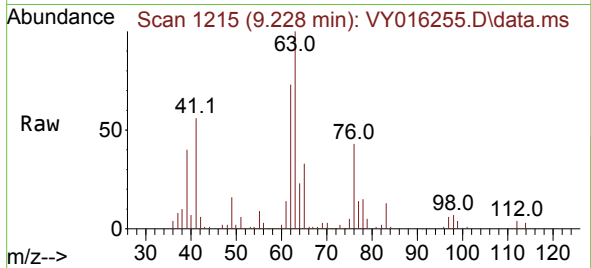




#45
1,2-Dichloropropane
Concen: 19.990 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

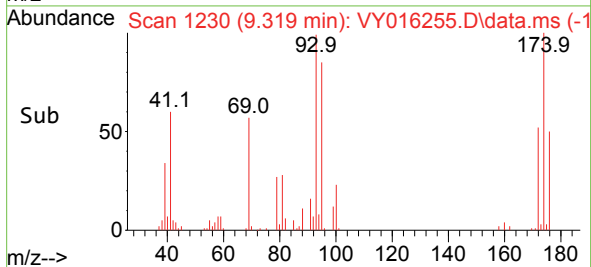
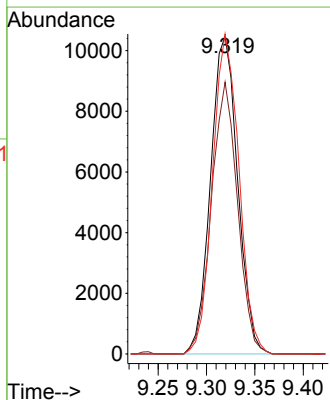
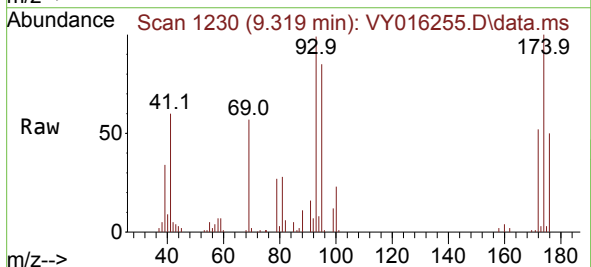
Instrument :
MSVOA_Y
ClientSampleId :

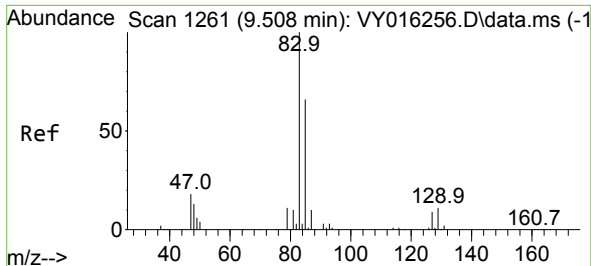
Tgt Ion: 63 Resp: 38394
Ion Ratio Lower Upper
63 100
65 33.1 23.8 35.6



#46
Dibromomethane
Concen: 19.592 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 93 Resp: 20391
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 98.1 84.8 127.2

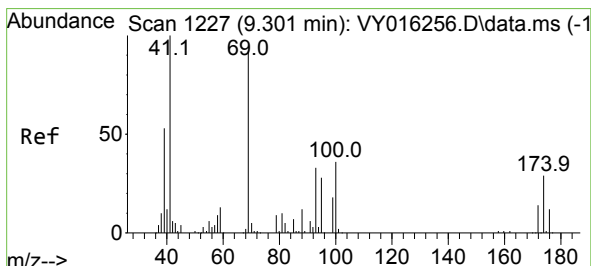
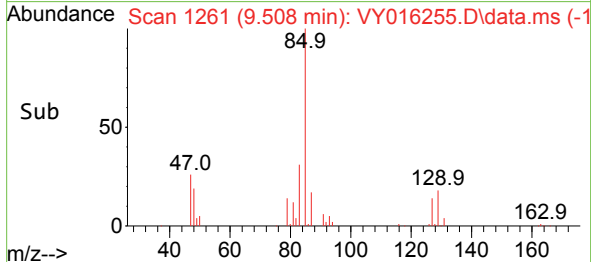
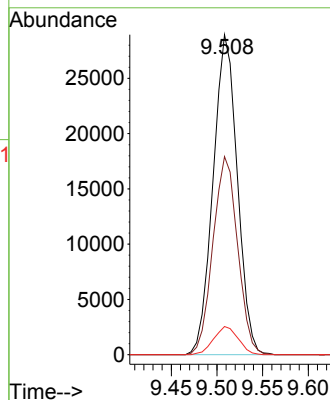
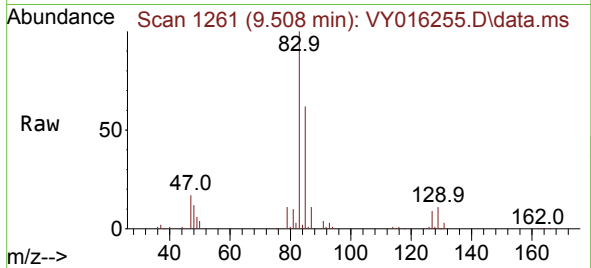




#47
Bromodichloromethane
Concen: 19.934 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

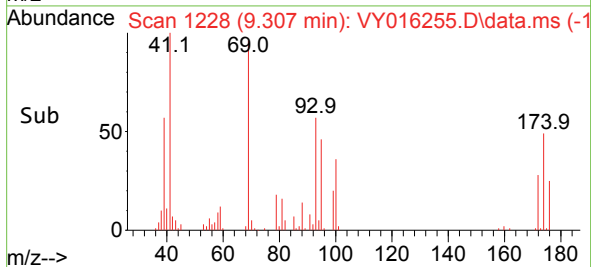
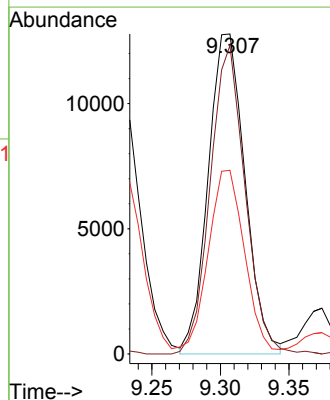
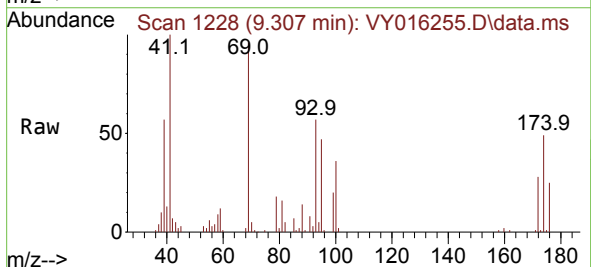
Instrument :
MSVOA_Y
ClientSampleId :

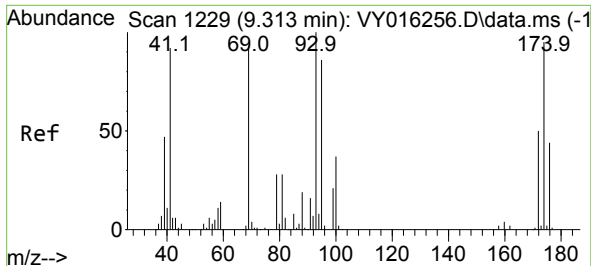
Tgt Ion: 83 Resp: 53339
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 19.469 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 41 Resp: 23921
Ion Ratio Lower Upper
41 100
69 91.2 64.5 96.7
39 54.3 50.8 76.2





#49

1,4-Dioxane

Concen: 348.343 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

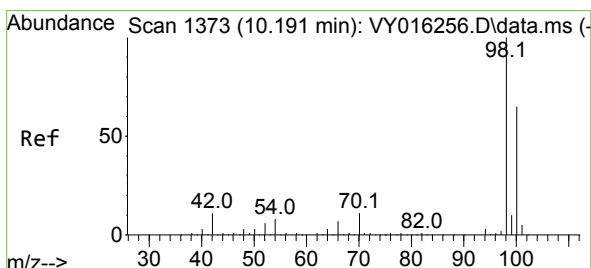
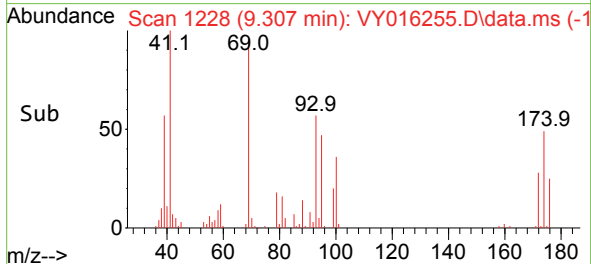
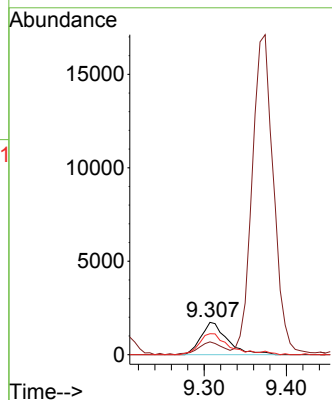
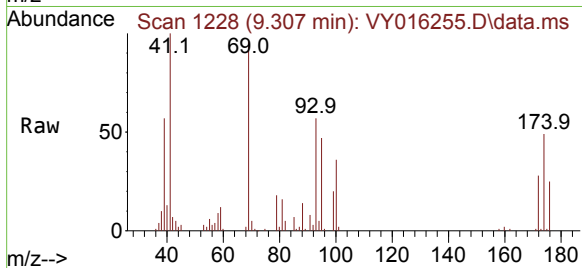
Tgt Ion: 88 Resp: 3849

Ion Ratio Lower Upper

88 100

43 36.2 0.0 0.0#

58 70.7 30.9 46.3#



#50

Toluene-d8

Concen: 19.995 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016255.D

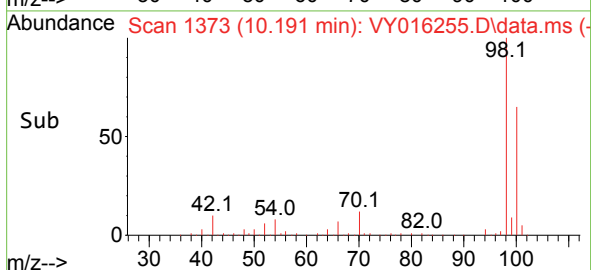
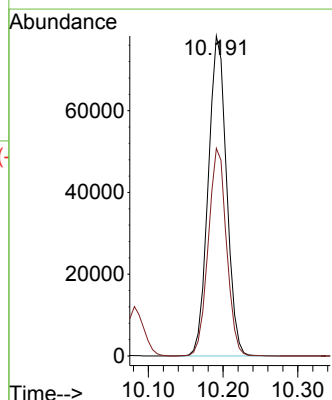
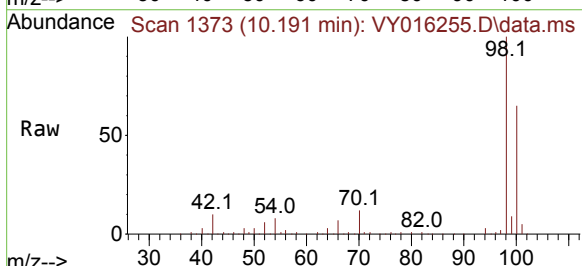
Acq: 08 Nov 2023 09:49

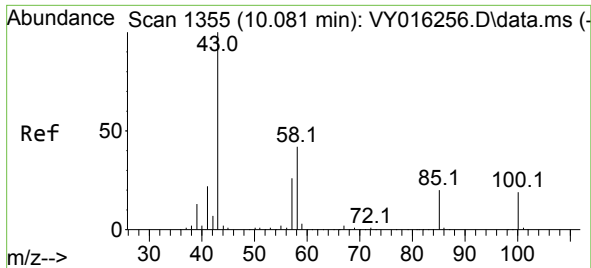
Tgt Ion: 98 Resp: 132920

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

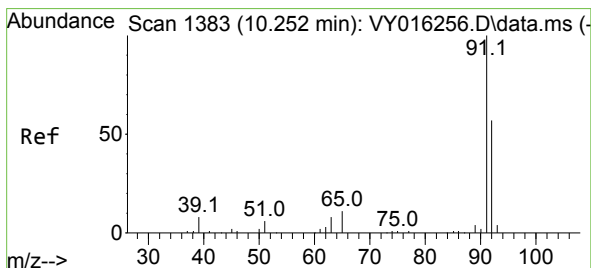
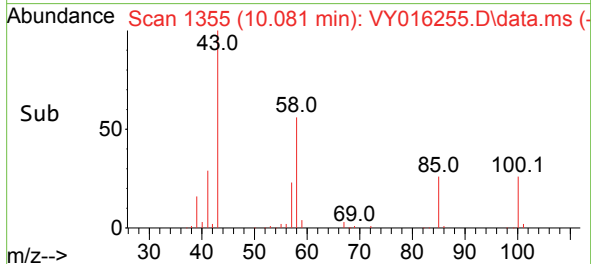
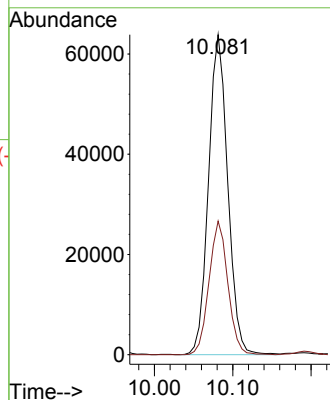
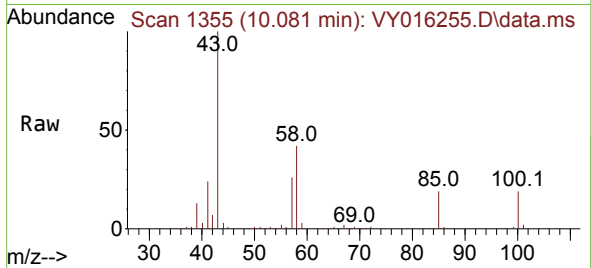




#51
4-Methyl-2-Pentanone
Concen: 96.910 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

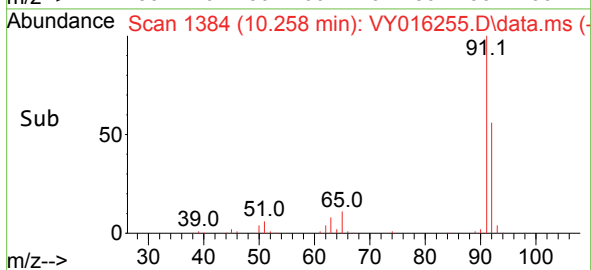
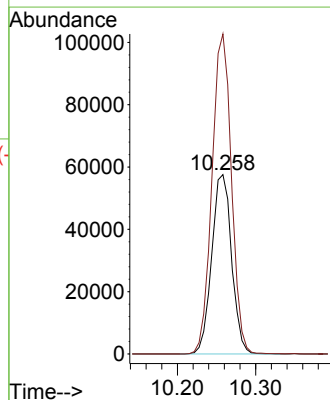
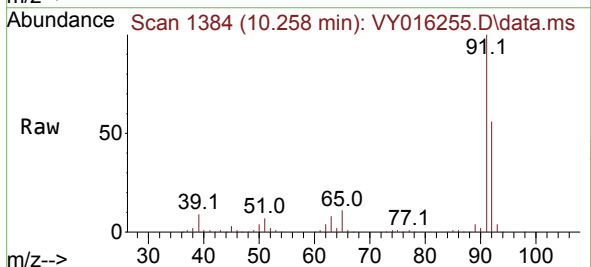
Instrument :
MSVOA_Y
ClientSampleId :

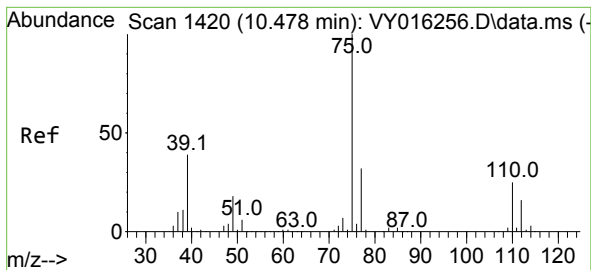
Tgt Ion: 43 Resp: 108946
Ion Ratio Lower Upper
43 100
58 40.8 29.0 43.6



#52
Toluene
Concen: 20.044 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 92 Resp: 101330
Ion Ratio Lower Upper
92 100
91 175.0 143.8 215.6

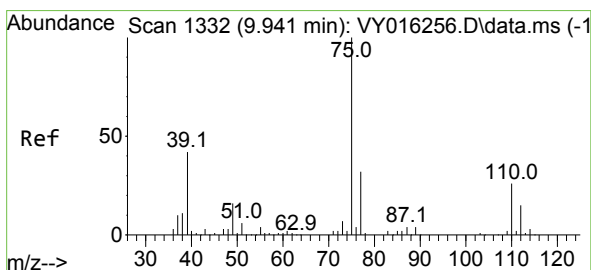
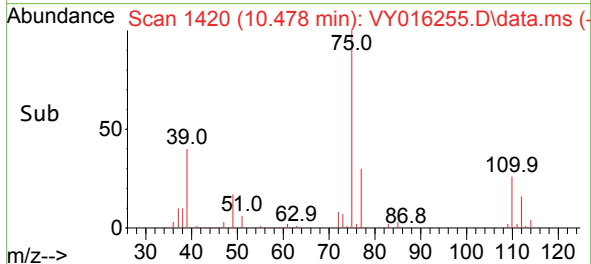
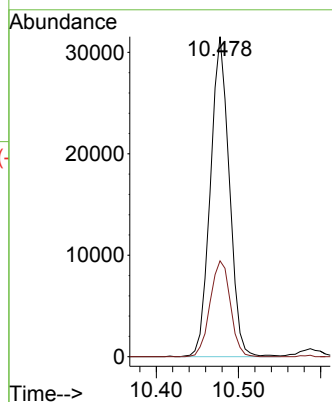
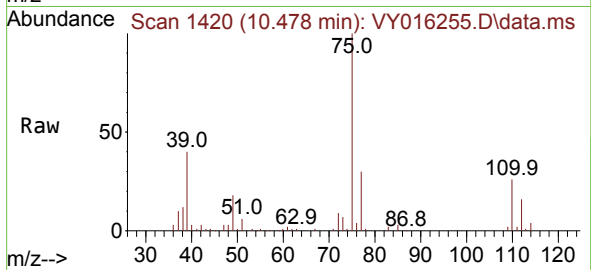




#53
 t-1,3-Dichloropropene
 Concen: 19.435 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016255.D
 Acq: 08 Nov 2023 09:49

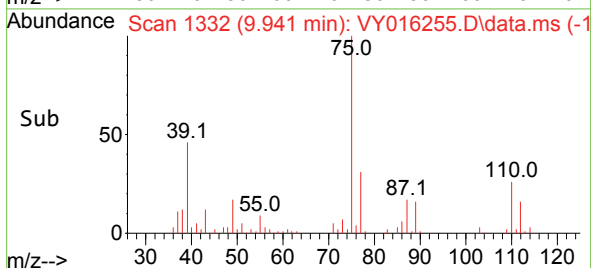
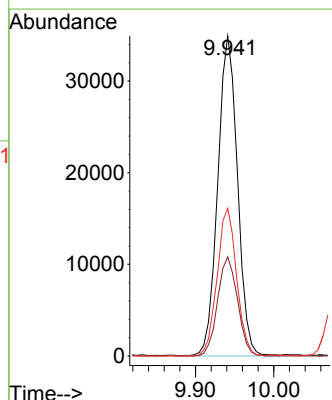
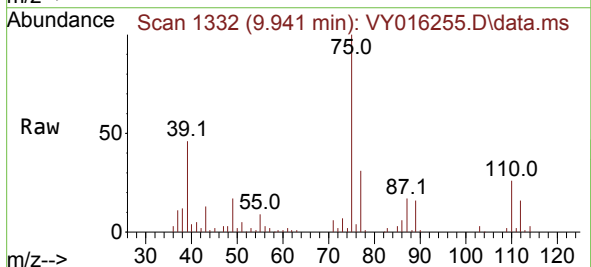
Instrument :
 MSVOA_Y
 ClientSampleId :

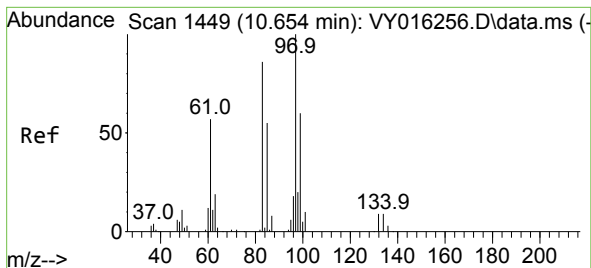
Tgt Ion: 75 Resp: 50412
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.778 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016255.D
 Acq: 08 Nov 2023 09:49

Tgt Ion: 75 Resp: 61274
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4
 39 46.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.395 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 27822

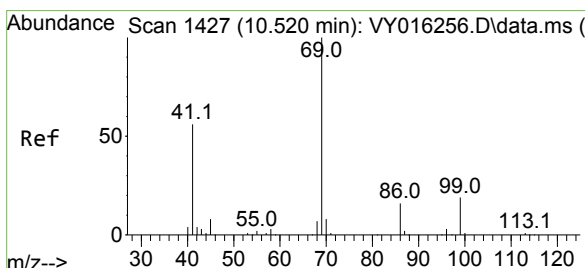
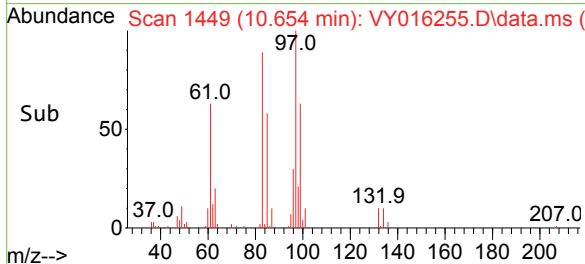
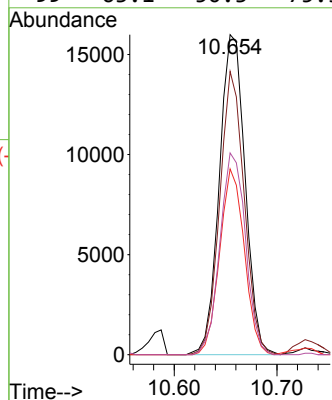
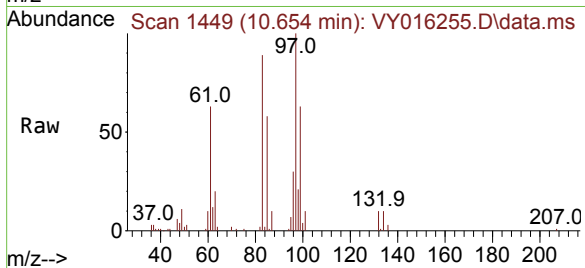
Ion Ratio Lower Upper

97 100

83 88.5 72.0 108.0

85 58.0 45.4 68.0

99 63.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.030 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

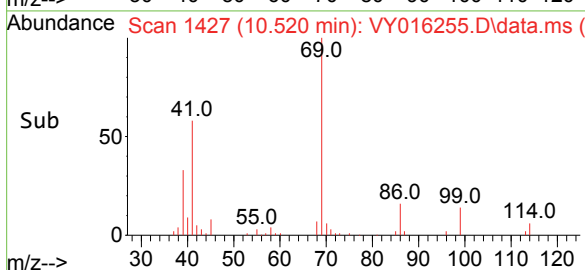
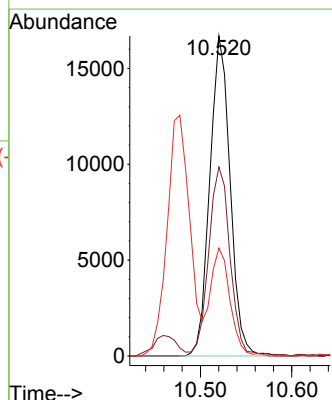
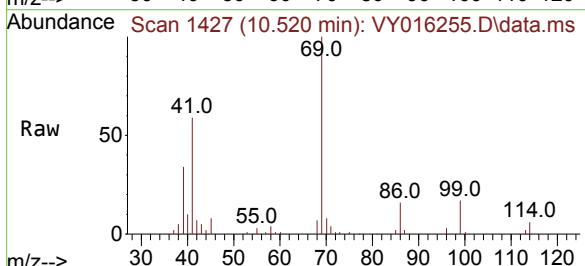
Tgt Ion: 69 Resp: 25769

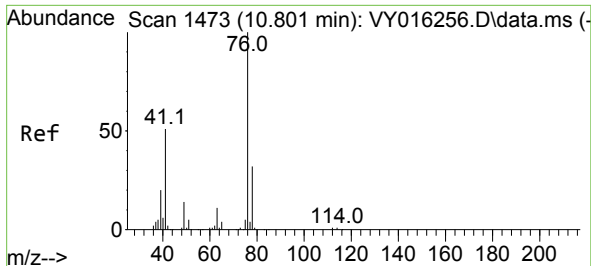
Ion Ratio Lower Upper

69 100

41 62.4 57.6 86.4

39 32.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 19.265 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

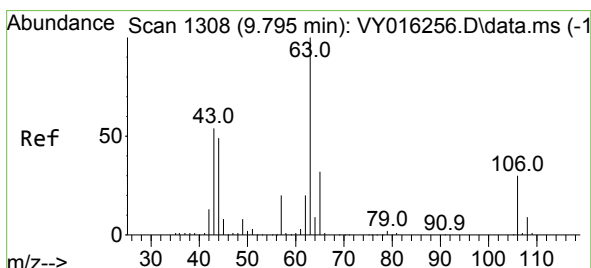
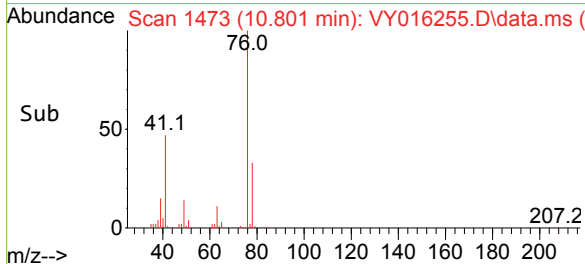
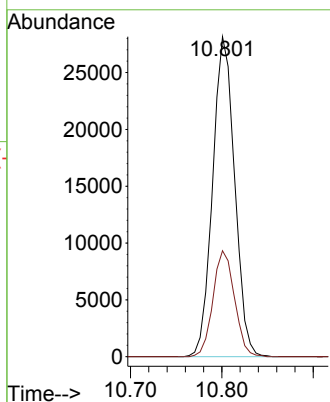
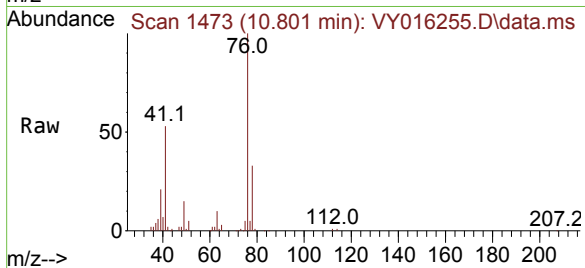
ClientSampleId :

Tgt Ion: 76 Resp: 47107

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 92.990 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016255.D

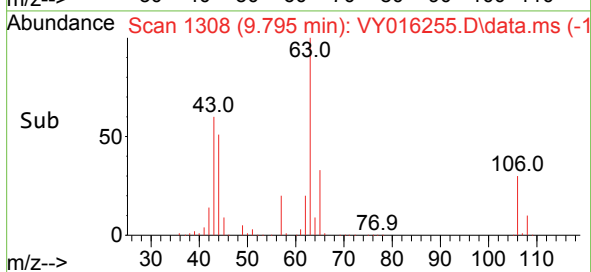
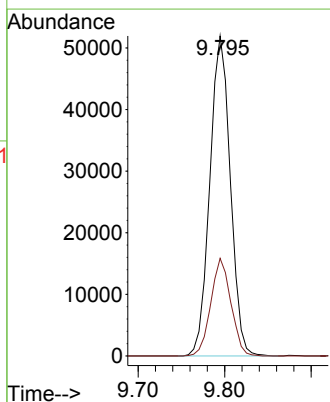
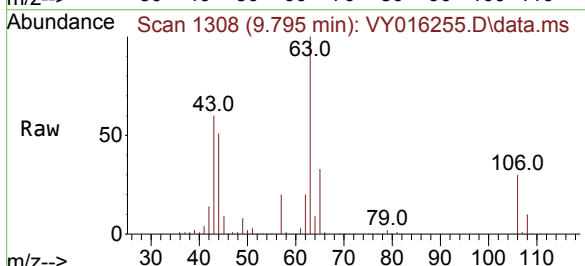
Acq: 08 Nov 2023 09:49

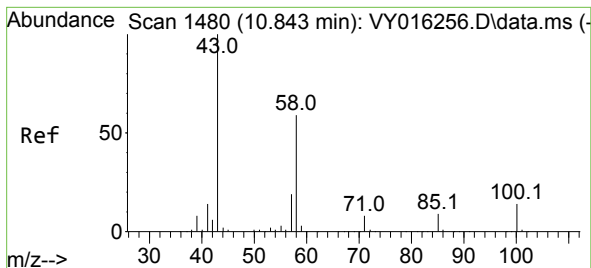
Tgt Ion: 63 Resp: 85383

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8

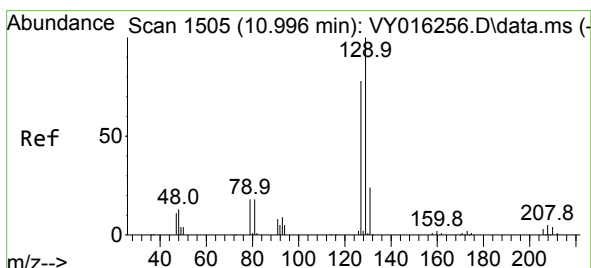
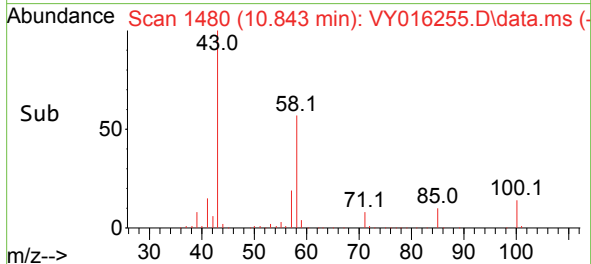
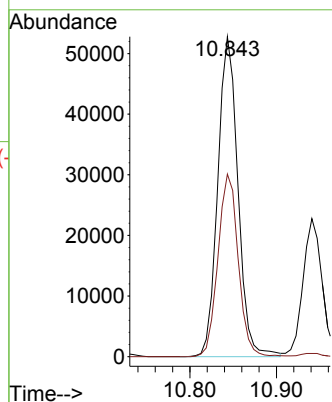
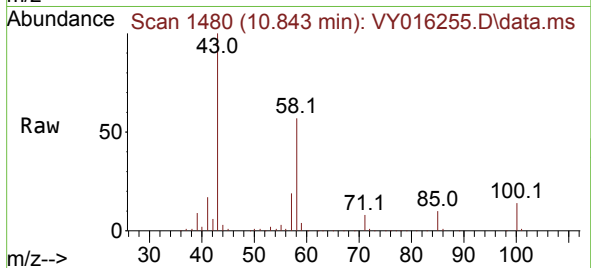




#59
2-Hexanone
Concen: 102.101 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

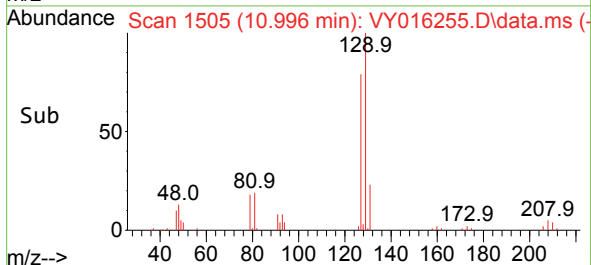
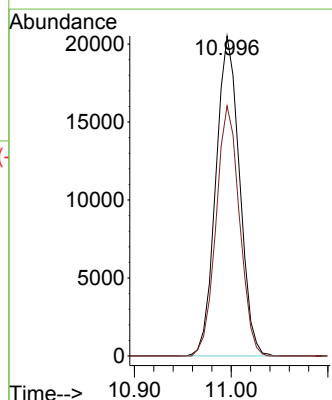
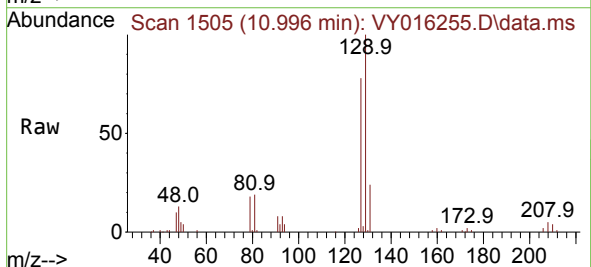
Instrument :
MSVOA_Y
ClientSampleId :

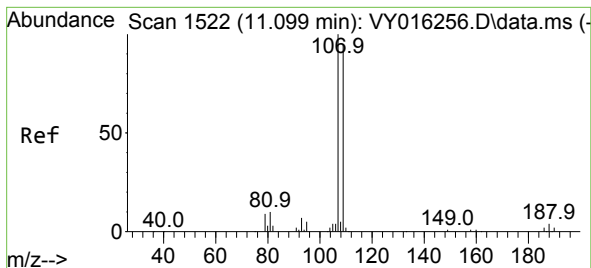
Tgt Ion: 43 Resp: 85377
Ion Ratio Lower Upper
43 100
58 57.4 25.1 75.3



#60
Dibromochloromethane
Concen: 19.418 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 129 Resp: 34838
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

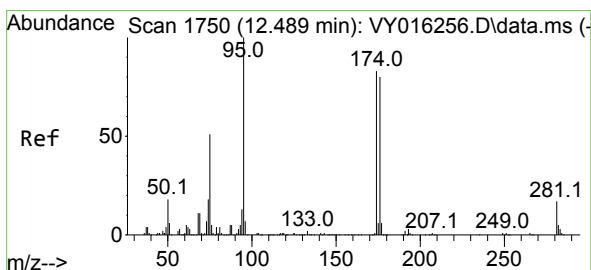
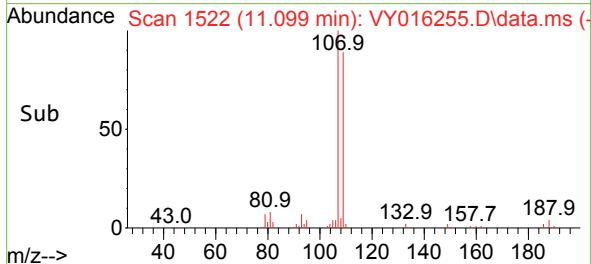
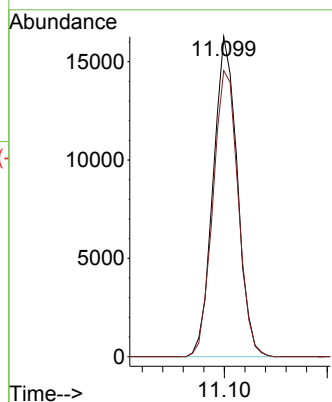
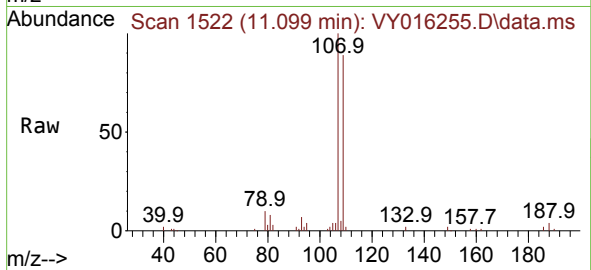




#61
1,2-Dibromoethane
Concen: 19.351 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

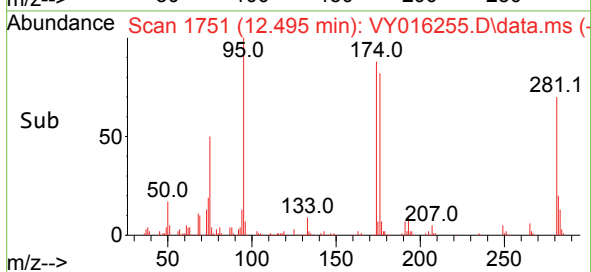
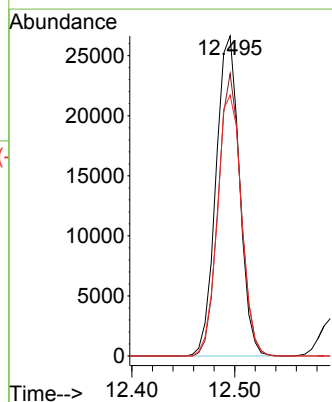
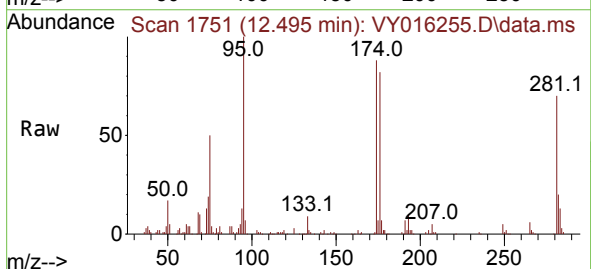
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 26447
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 19.556 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 95 Resp: 42223
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 83.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

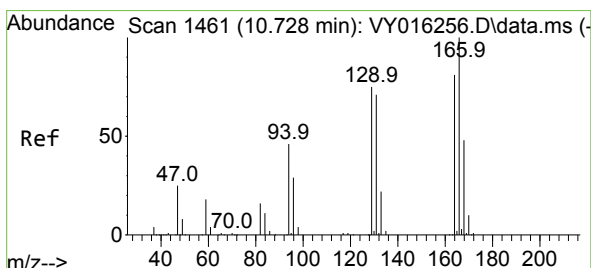
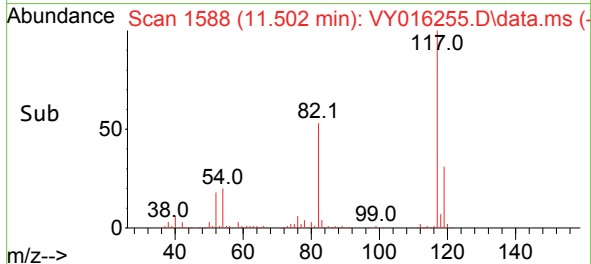
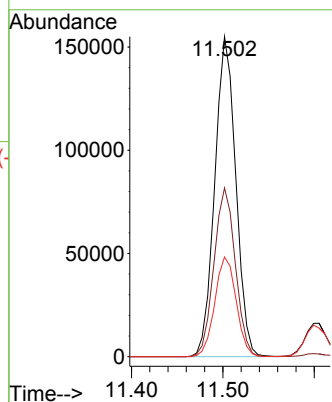
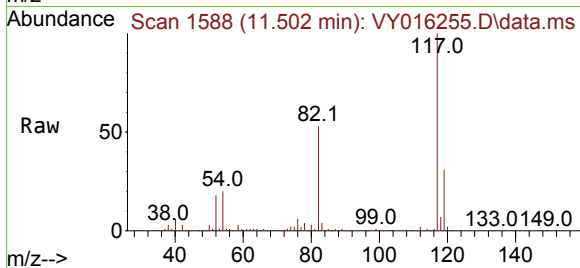
Tgt Ion:117 Resp: 248211

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 31.1 26.3 39.5



#64

Tetrachloroethene

Concen: 20.571 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Tgt Ion:164 Resp: 45846

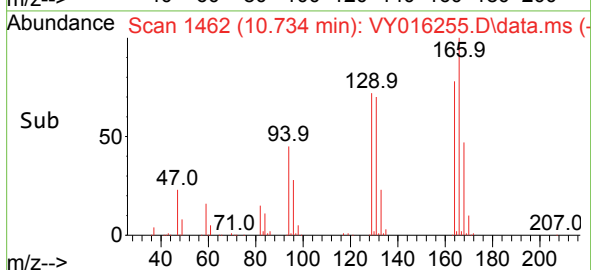
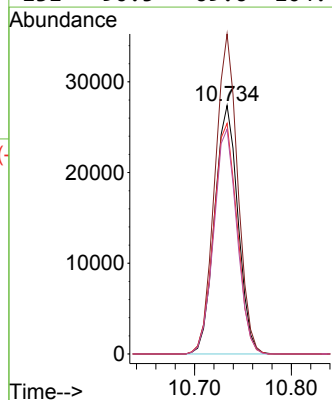
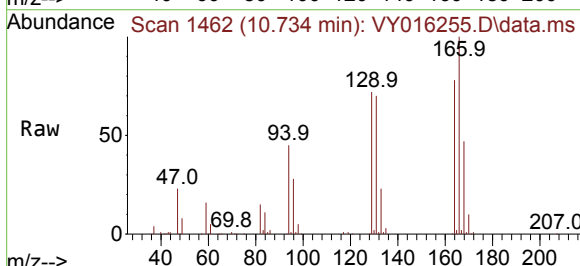
Ion Ratio Lower Upper

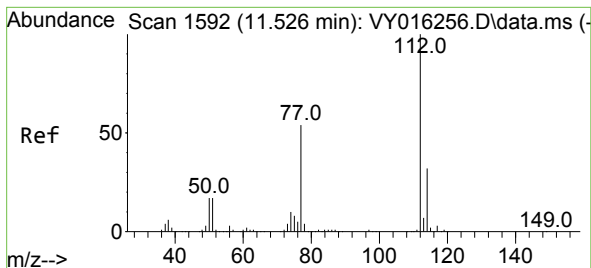
164 100

166 128.8 103.0 154.6

129 92.8 77.2 115.8

131 90.5 69.6 104.4





#65

Chlorobenzene

Concen: 20.203 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

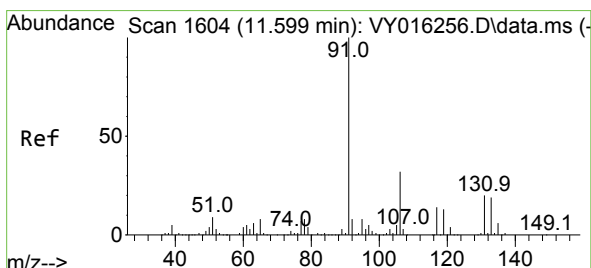
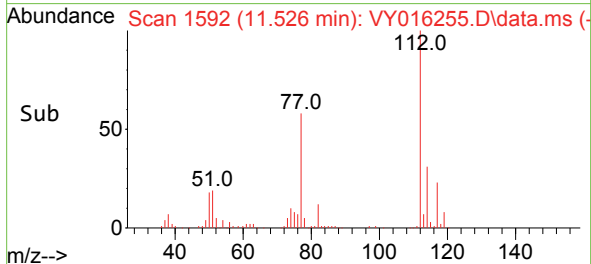
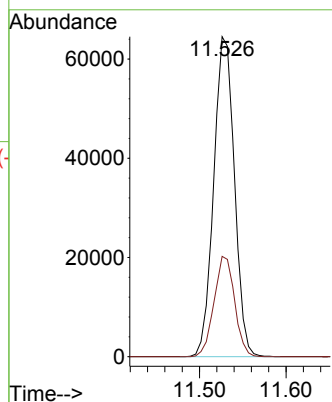
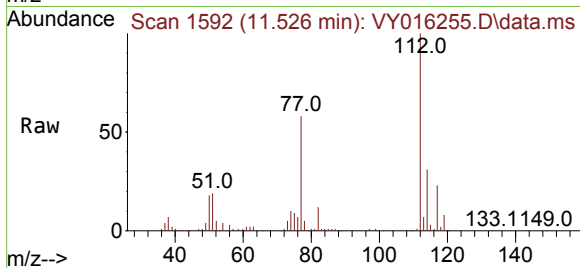
ClientSampleId :

Tgt Ion:112 Resp: 107140

Ion Ratio Lower Upper

112 100

114 31.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.989 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

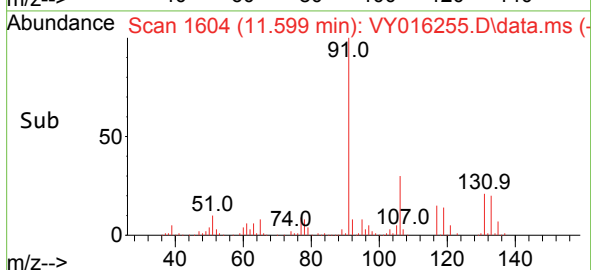
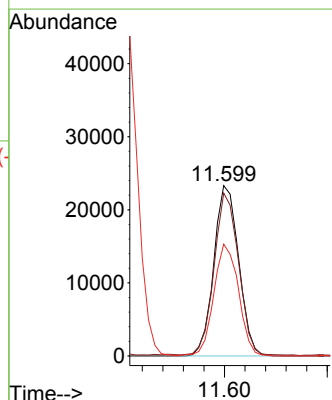
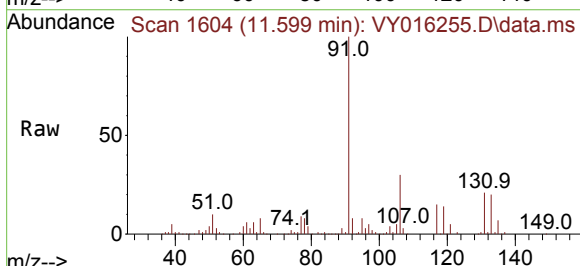
Tgt Ion:131 Resp: 39097

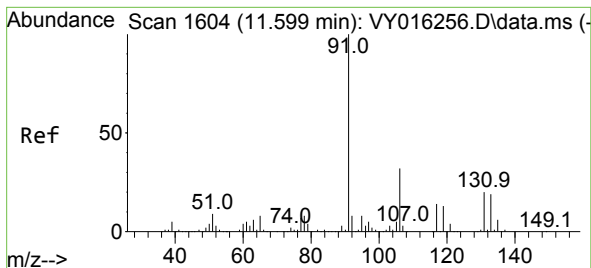
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 20.302 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

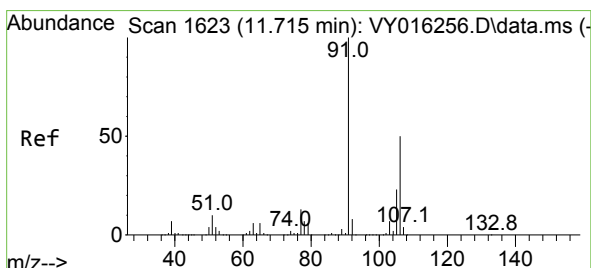
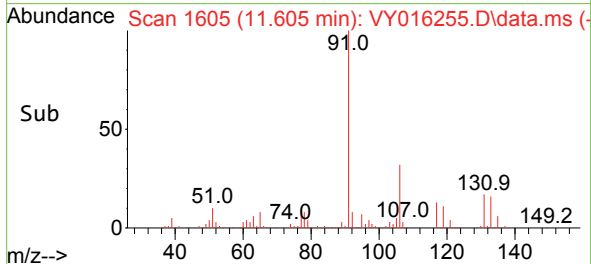
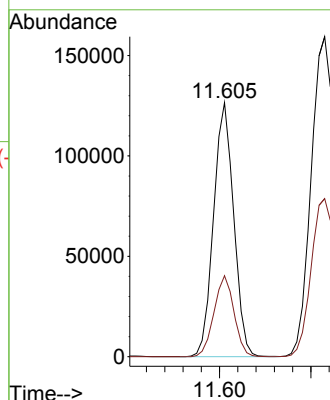
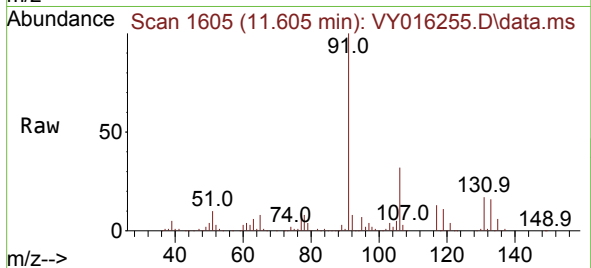
ClientSampleId :

Tgt Ion: 91 Resp: 193484

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 40.961 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016255.D

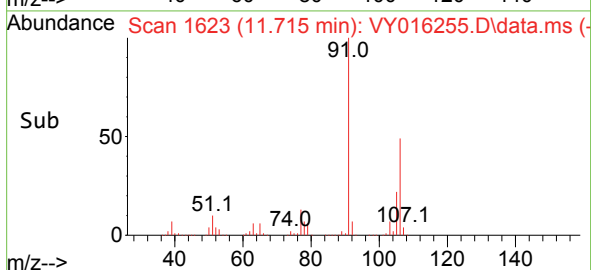
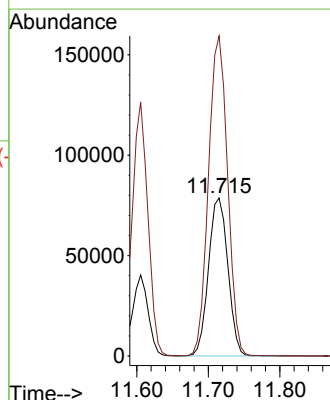
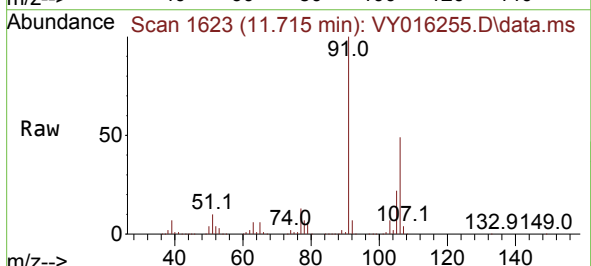
Acq: 08 Nov 2023 09:49

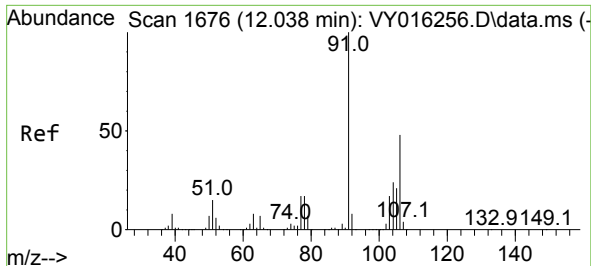
Tgt Ion:106 Resp: 148067

Ion Ratio Lower Upper

106 100

91 199.8 166.1 249.1

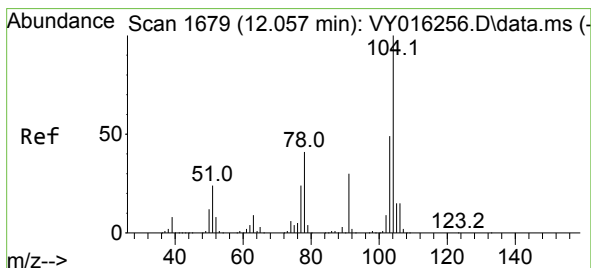
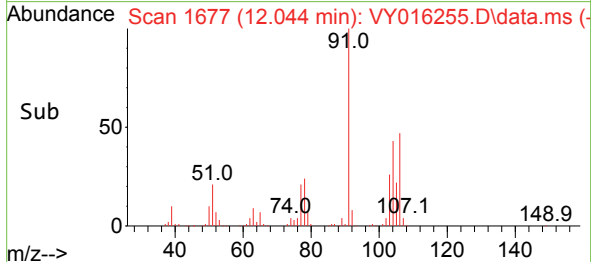
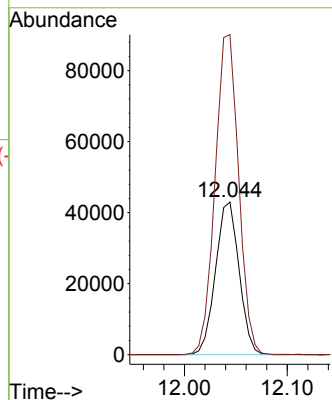
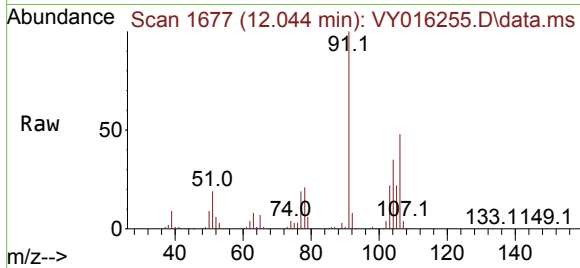




#69
o-Xylene
Concen: 20.372 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

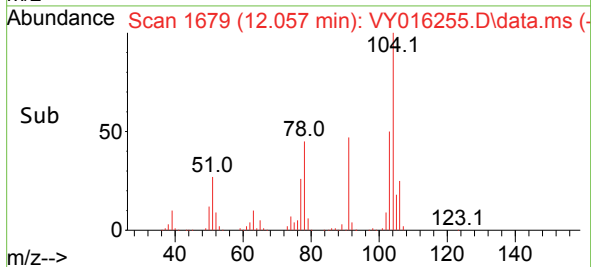
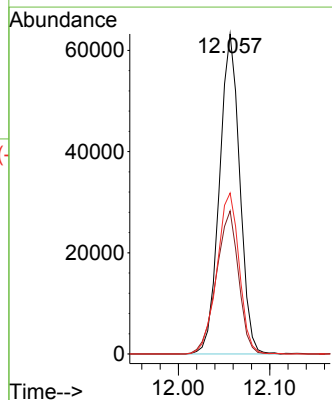
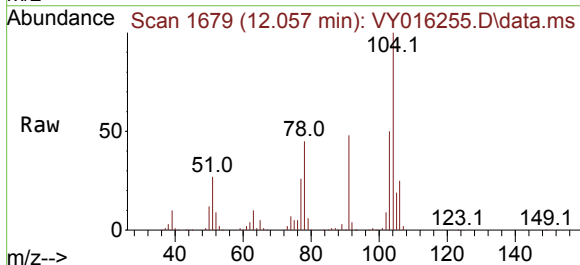
Instrument :
MSVOA_Y
ClientSampleId :

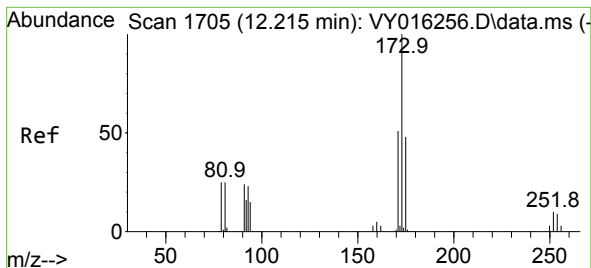
Tgt Ion:106 Resp: 68374
Ion Ratio Lower Upper
106 100
91 210.5 108.1 324.3



#70
Styrene
Concen: 20.296 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion:104 Resp: 97539
Ion Ratio Lower Upper
104 100
78 49.1 41.5 62.3
103 55.3 44.6 67.0





#71

Bromoform

Concen: 18.812 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

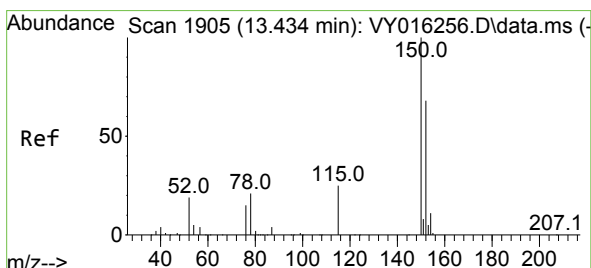
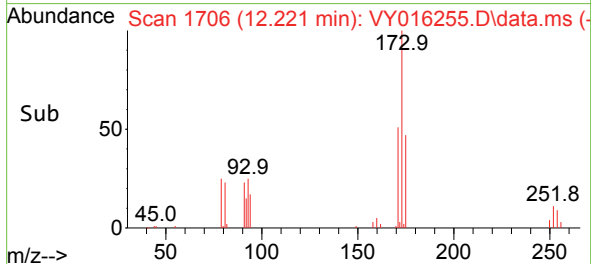
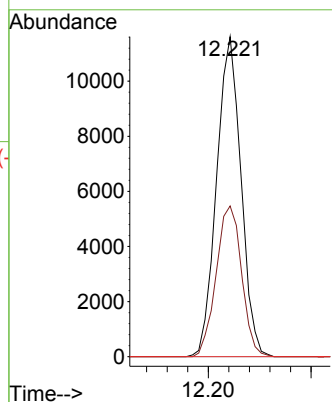
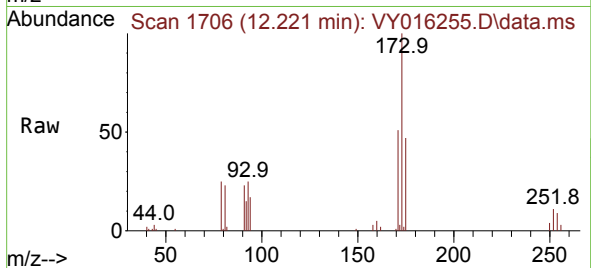
Tgt Ion:173 Resp: 19093

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

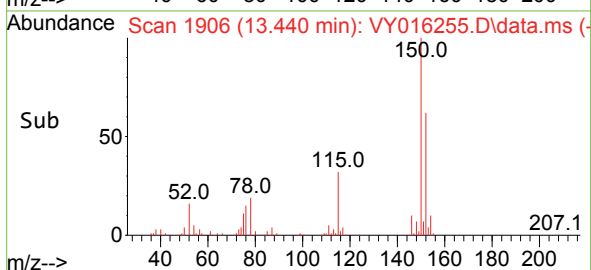
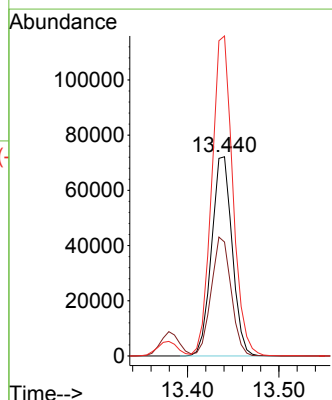
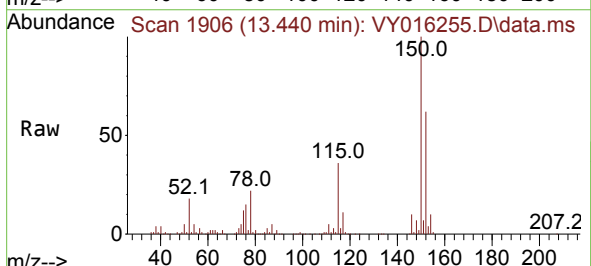
Tgt Ion:152 Resp: 113211

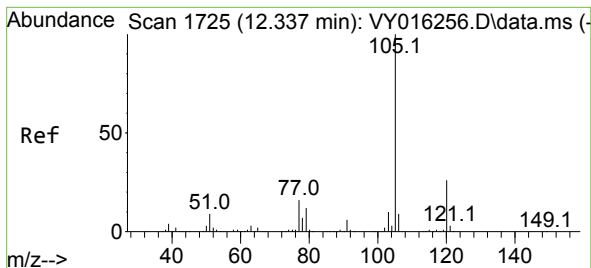
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 164.3 0.0 348.8





#73

Isopropylbenzene

Concen: 20.476 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

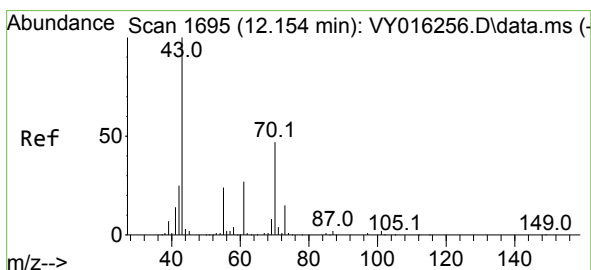
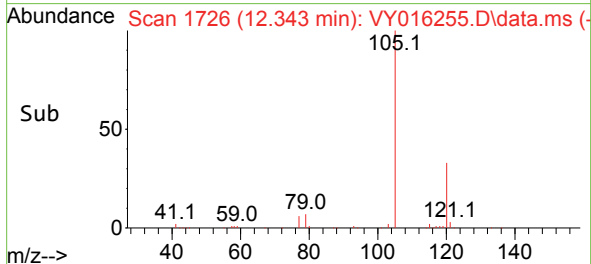
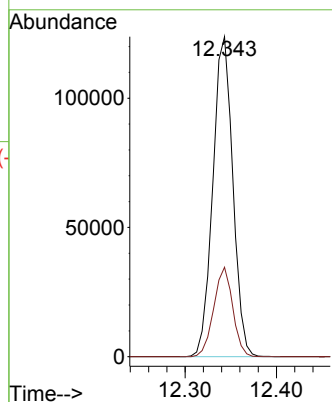
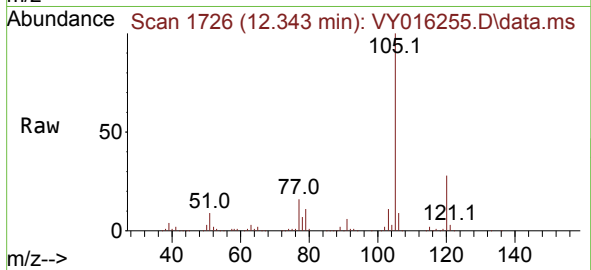
ClientSampleId :

Tgt Ion:105 Resp: 187718

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 19.236 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Tgt Ion: 43 Resp: 35422

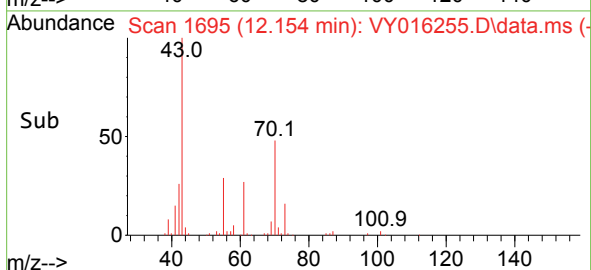
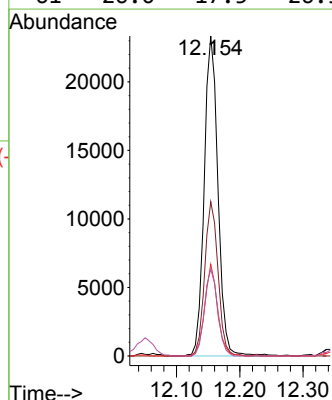
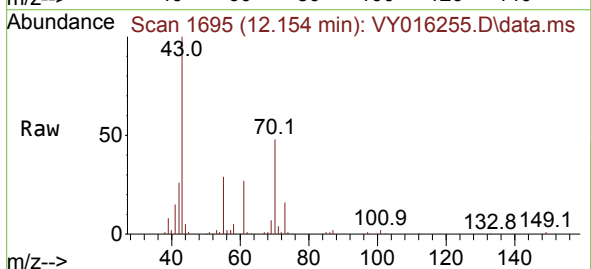
Ion Ratio Lower Upper

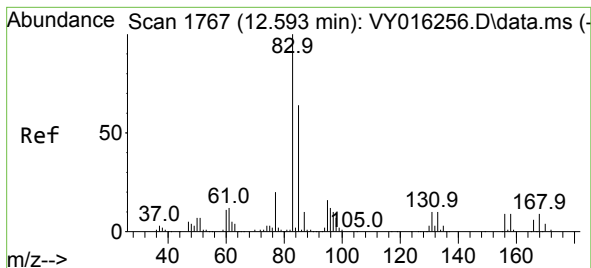
43 100

70 46.7 29.7 44.5#

55 26.7 18.3 27.5

61 26.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.288 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

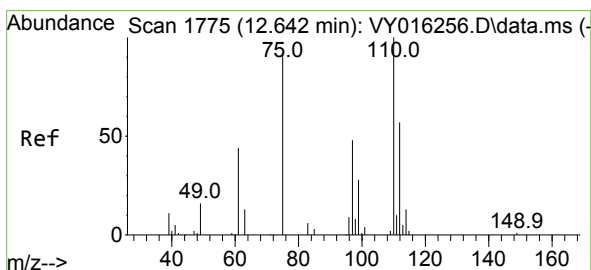
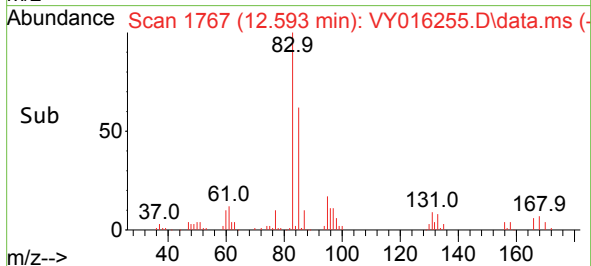
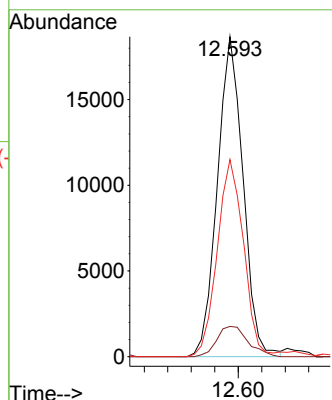
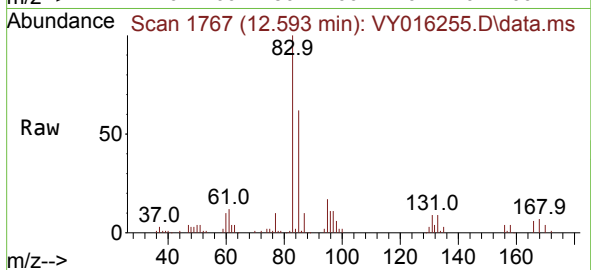
Tgt Ion: 83 Resp: 28374

Ion Ratio Lower Upper

83 100

131 11.5 5.4 16.2

85 62.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 32.420 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016255.D

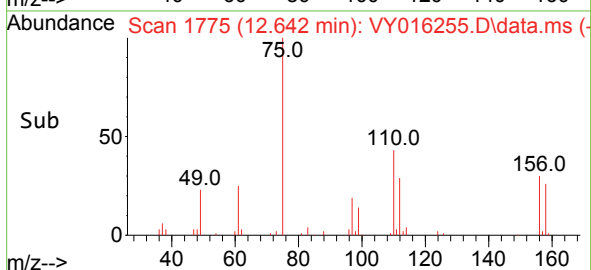
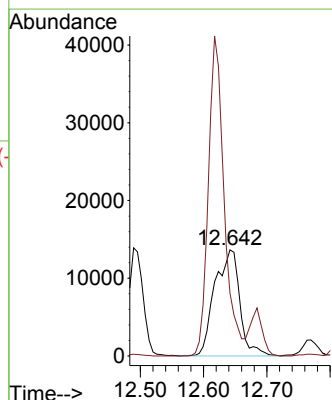
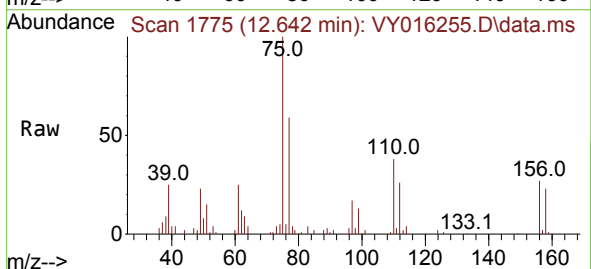
Acq: 08 Nov 2023 09:49

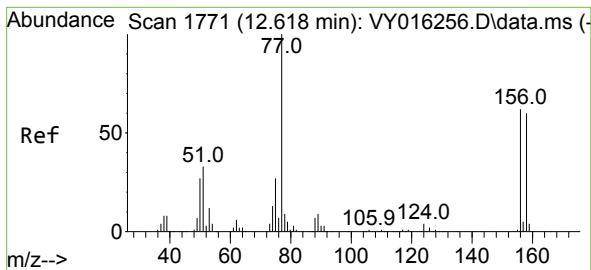
Tgt Ion: 75 Resp: 37563

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.847 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

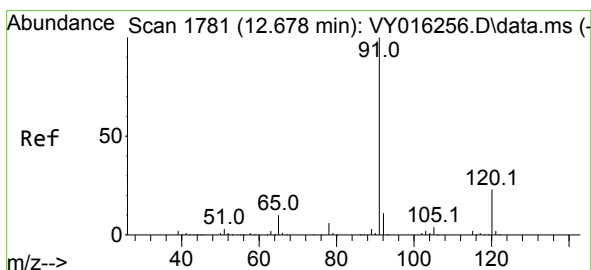
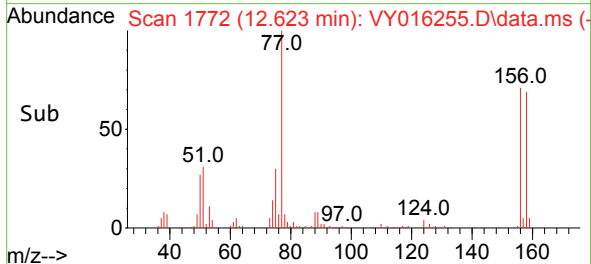
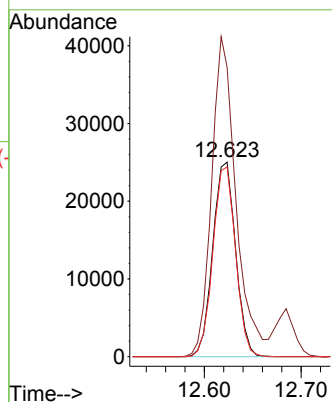
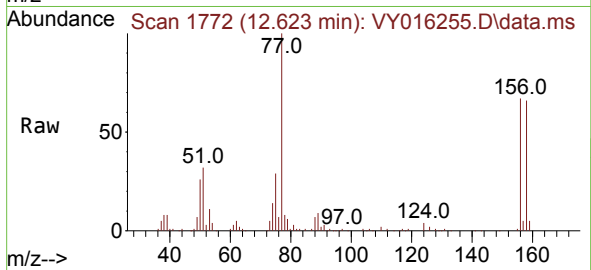
Tgt Ion:156 Resp: 41122

Ion Ratio Lower Upper

156 100

77 173.4 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 20.566 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016255.D

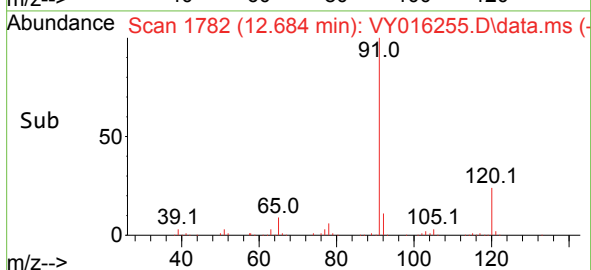
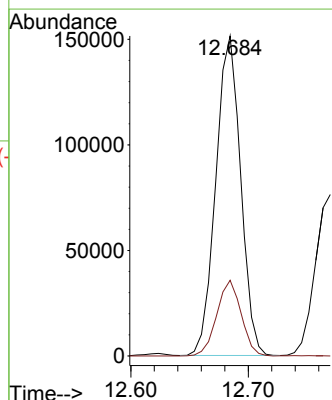
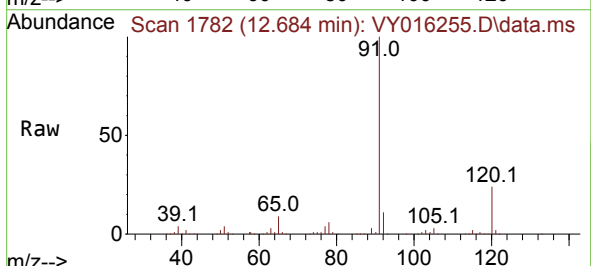
Acq: 08 Nov 2023 09:49

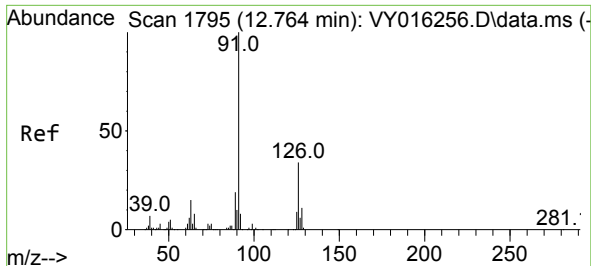
Tgt Ion: 91 Resp: 222815

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

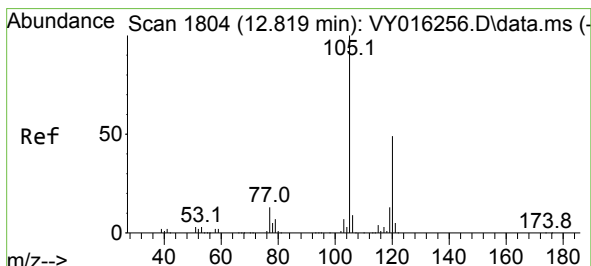
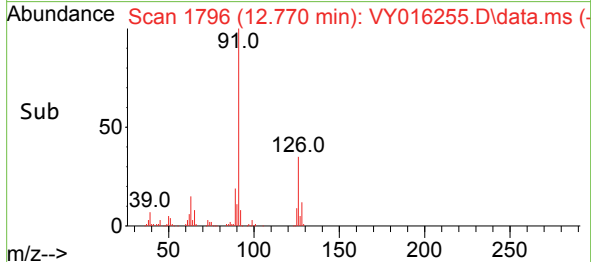
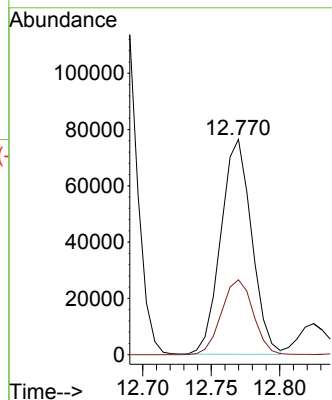
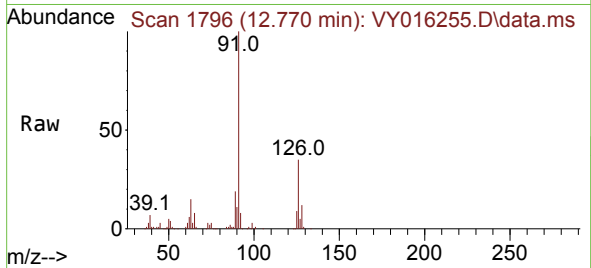




#79
2-Chlorotoluene
Concen: 20.063 ug/l
RT: 12.770 min Scan# 119788
Delta R.T. 0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

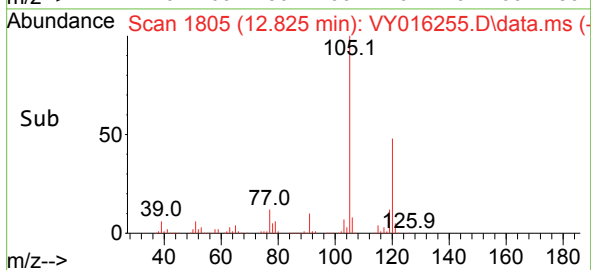
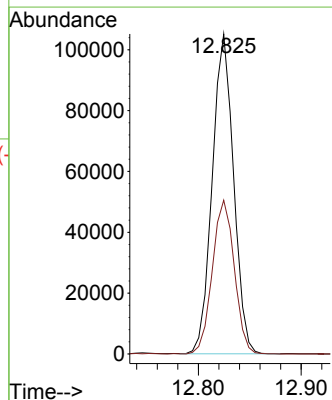
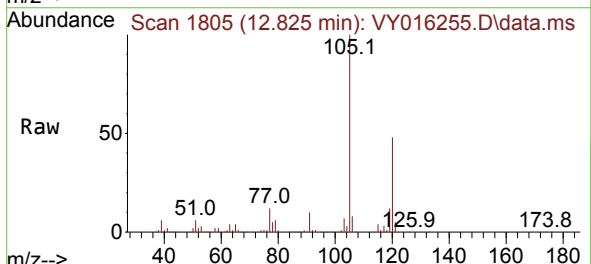
Instrument :
MSVOA_Y
ClientSampleId :

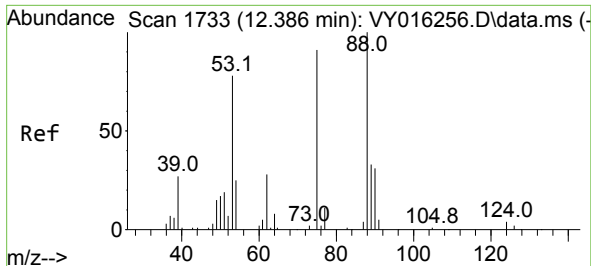
Tgt Ion: 91 Resp: 119788
Ion Ratio Lower Upper
91 100
126 35.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.469 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 105 Resp: 151295
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

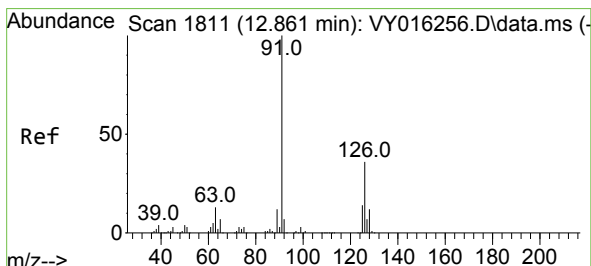
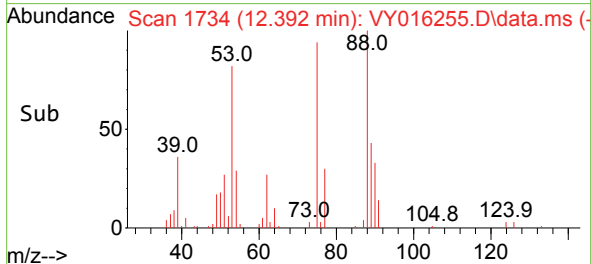
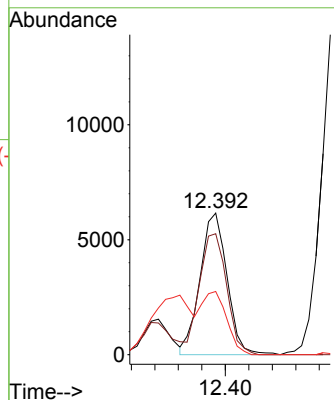
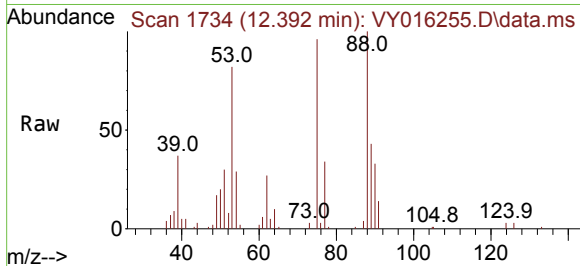




#81
trans-1,4-Dichloro-2-butene
Concen: 19.685 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

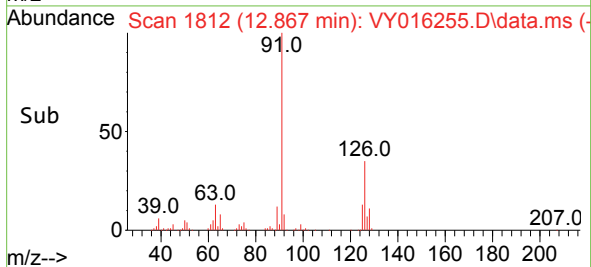
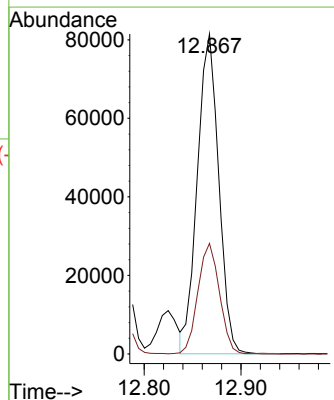
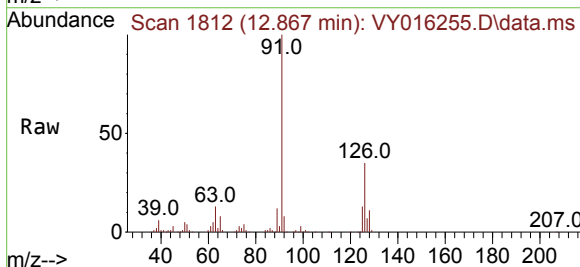
Instrument :
MSVOA_Y
ClientSampleId :

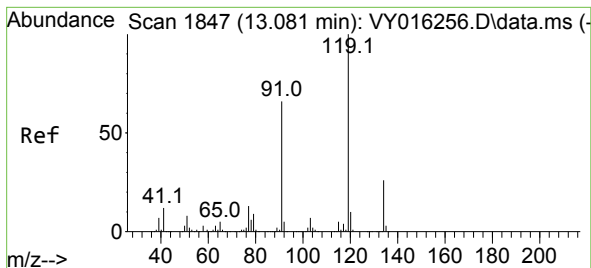
Tgt Ion: 75 Resp: 9849
Ion Ratio Lower Upper
75 100
53 85.1 77.8 116.8
89 42.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.292 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016255.D
Acq: 08 Nov 2023 09:49

Tgt Ion: 91 Resp: 125196
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.378 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

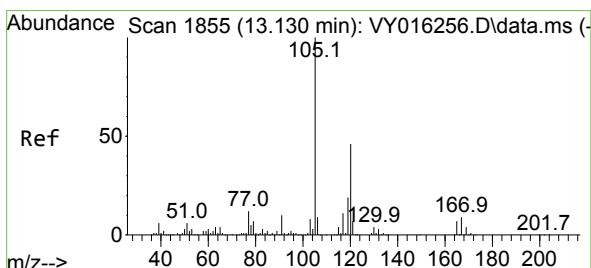
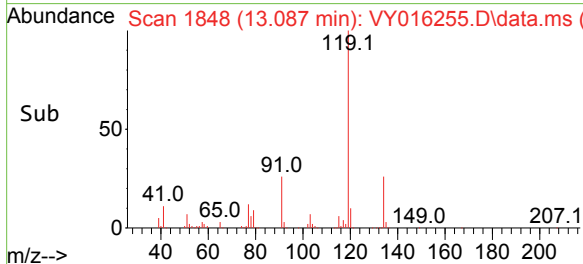
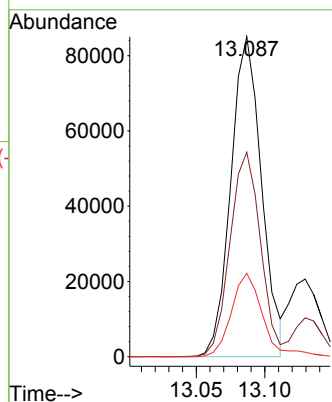
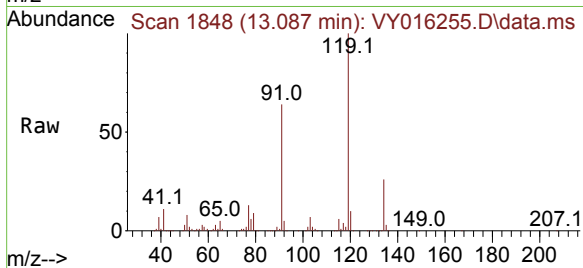
Tgt Ion:119 Resp: 132666

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.253 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016255.D

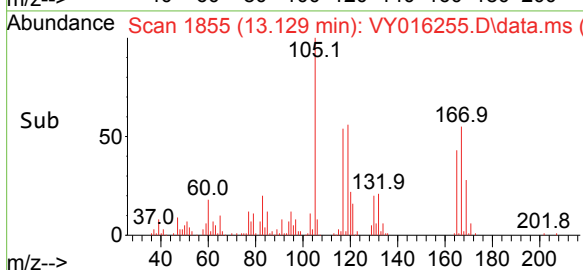
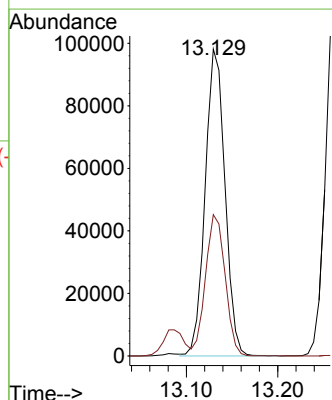
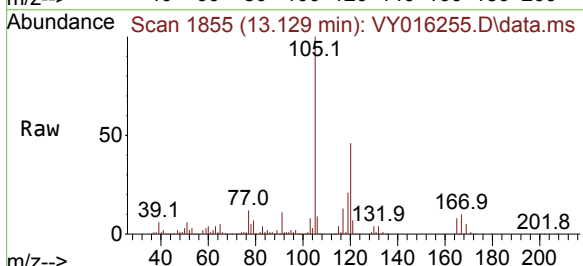
Acq: 08 Nov 2023 09:49

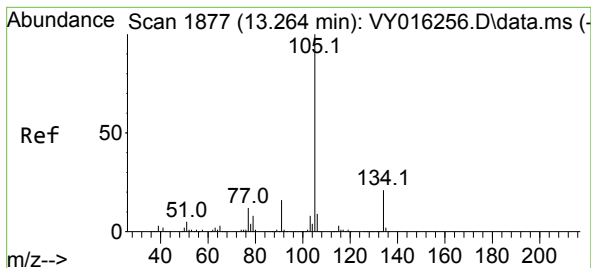
Tgt Ion:105 Resp: 147399

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.625 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

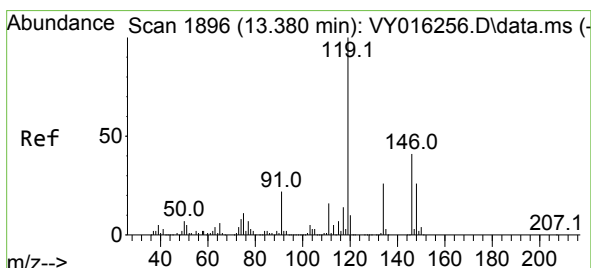
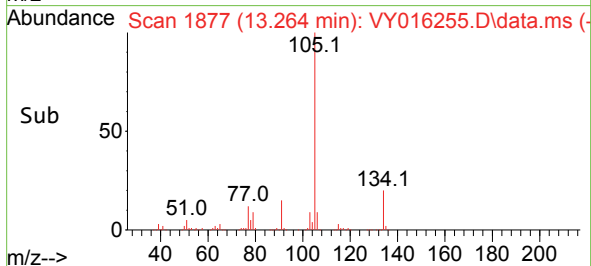
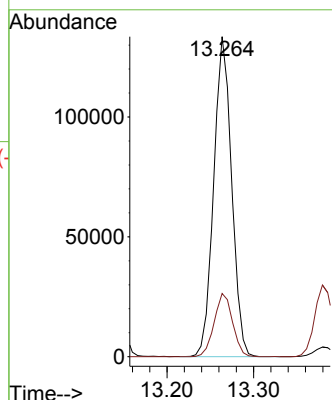
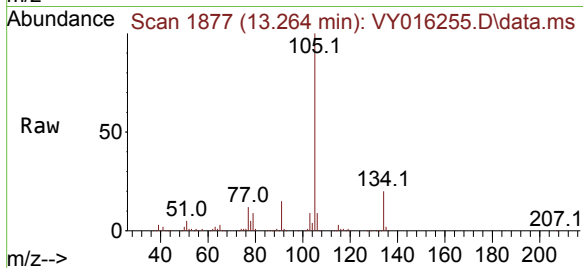
ClientSampleId :

Tgt Ion:105 Resp: 191832

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.284 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

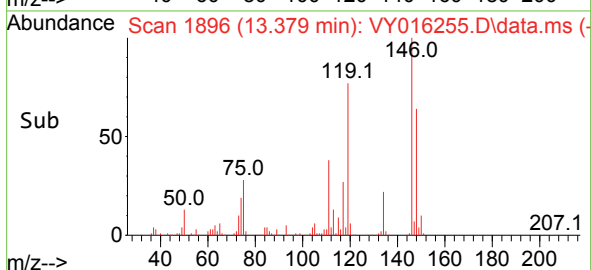
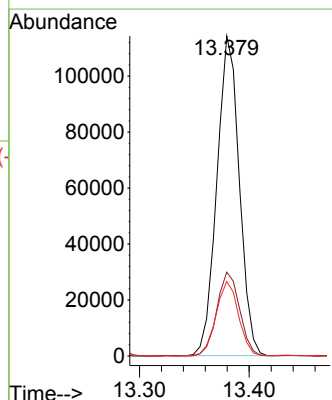
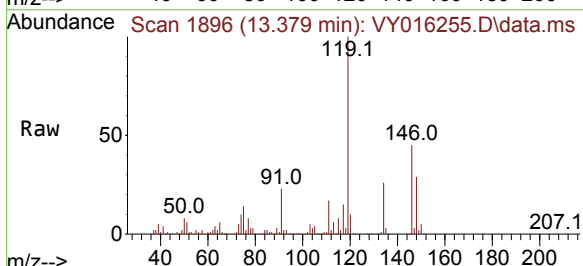
Tgt Ion:119 Resp: 162448

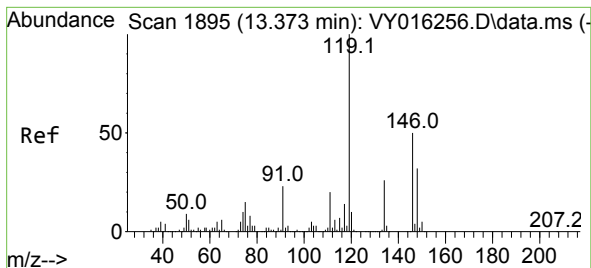
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.228 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

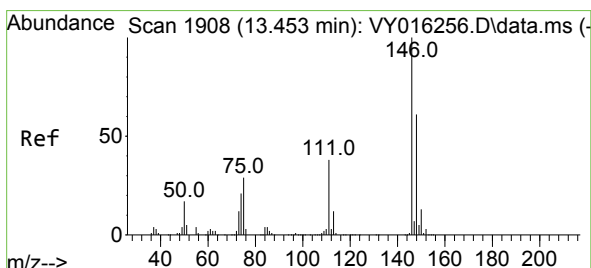
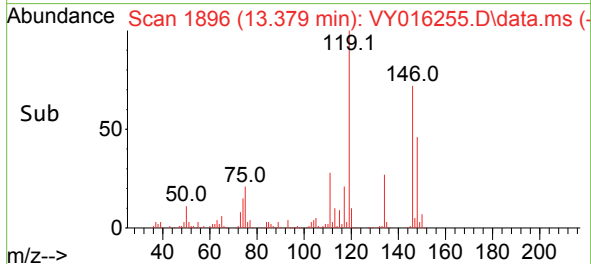
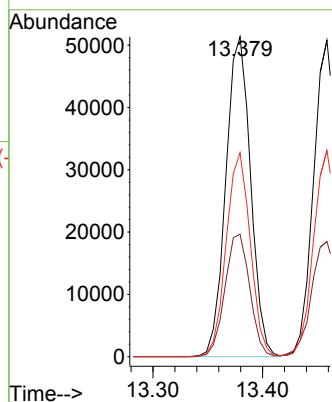
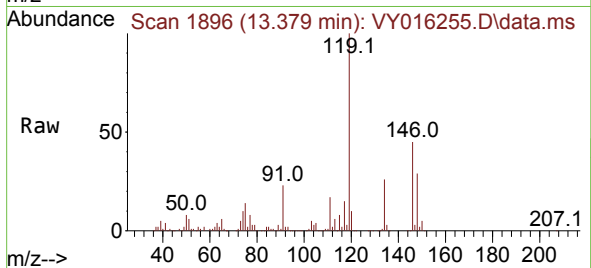
Tgt Ion:146 Resp: 80634

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 62.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.130 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

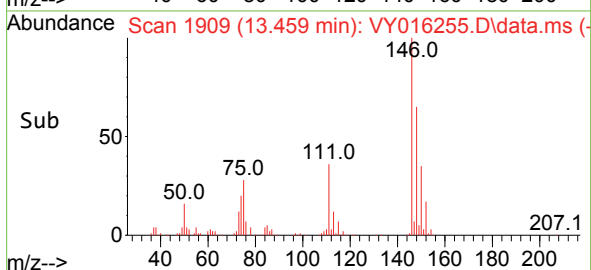
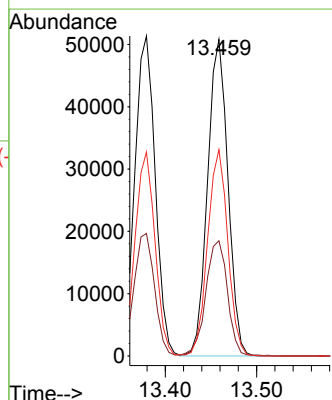
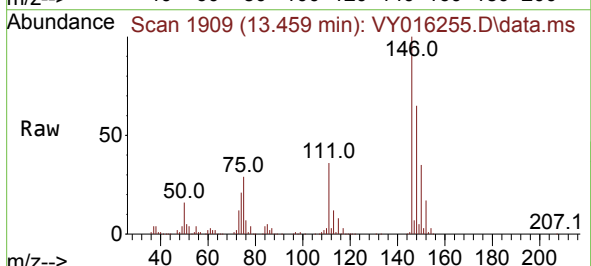
Tgt Ion:146 Resp: 78421

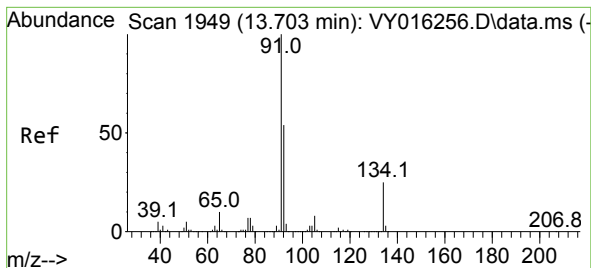
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.7

148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 20.544 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

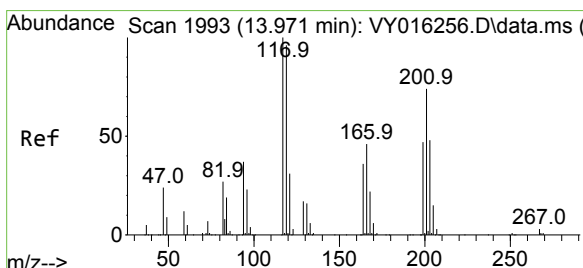
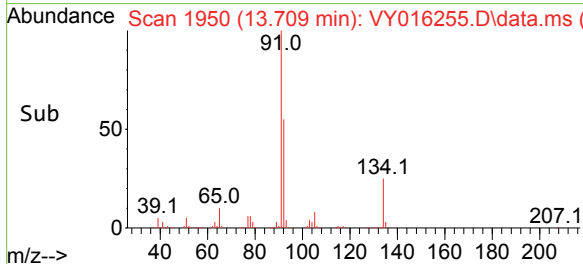
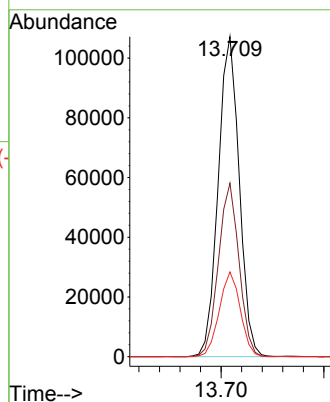
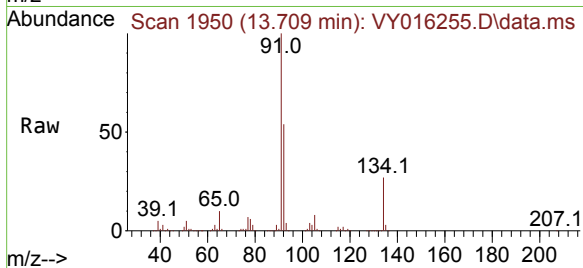
Tgt Ion: 91 Resp: 151951

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 20.305 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016255.D

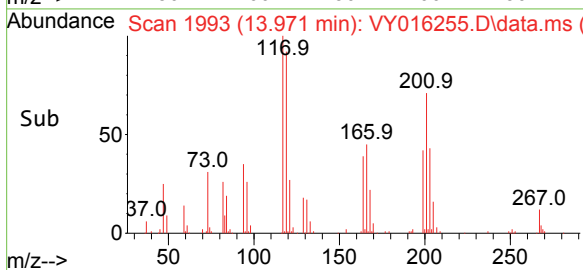
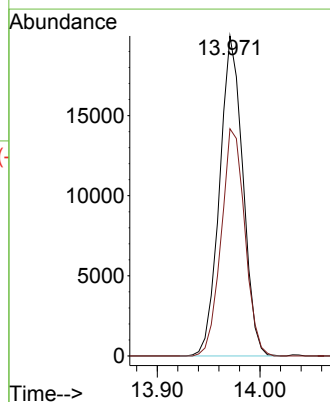
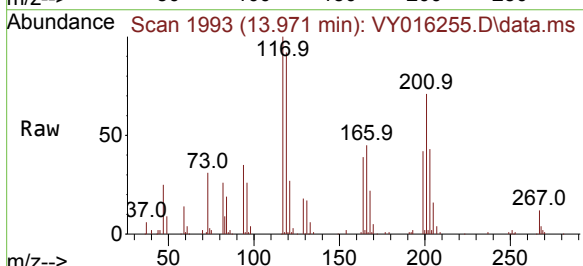
Acq: 08 Nov 2023 09:49

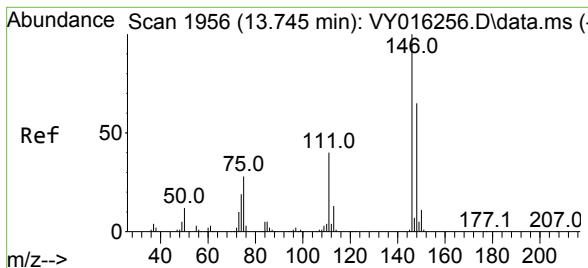
Tgt Ion: 117 Resp: 31370

Ion Ratio Lower Upper

117 100

201 72.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.848 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

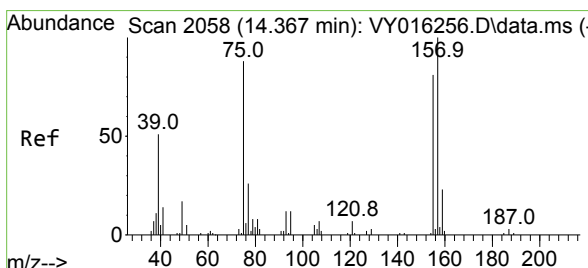
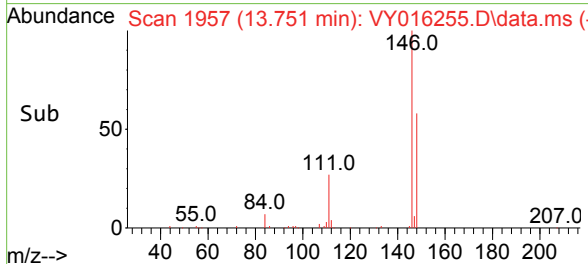
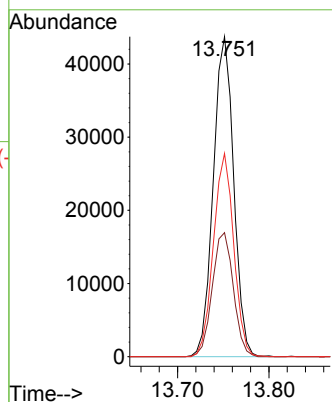
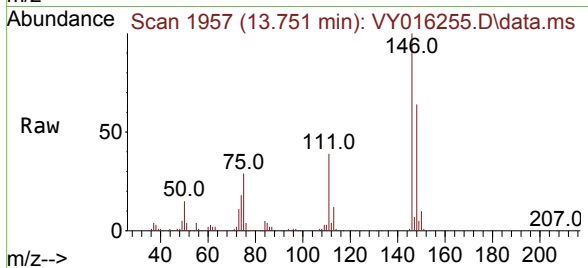
Tgt Ion:146 Resp: 67797

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.0

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.595 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

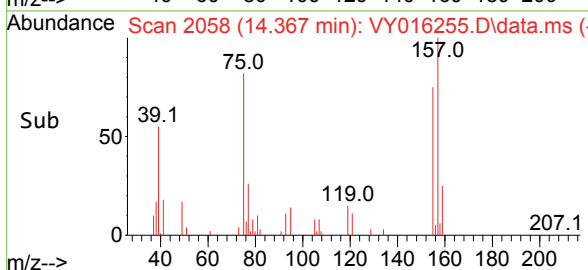
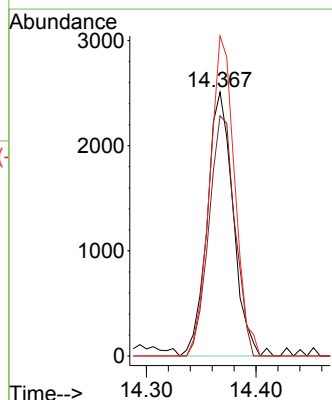
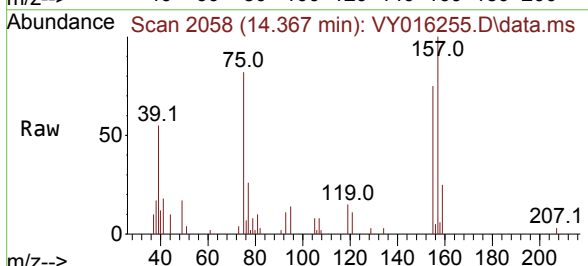
Tgt Ion: 75 Resp: 4118

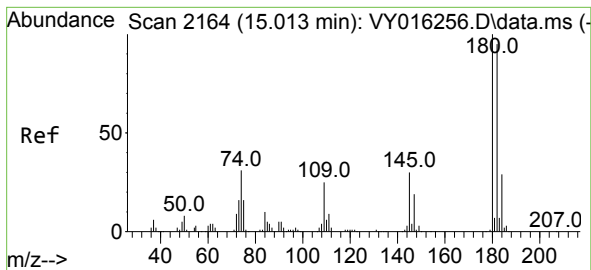
Ion Ratio Lower Upper

75 100

155 91.1 41.5 124.6

157 117.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.290 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

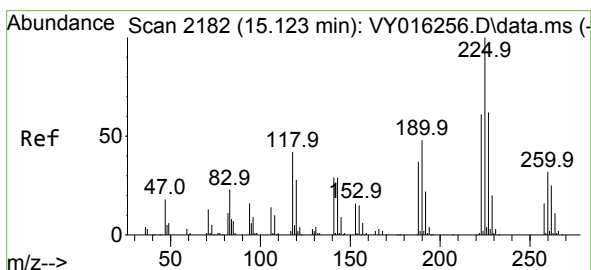
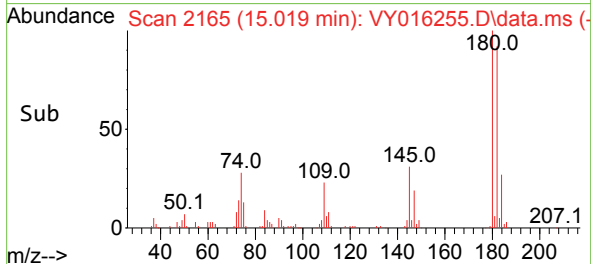
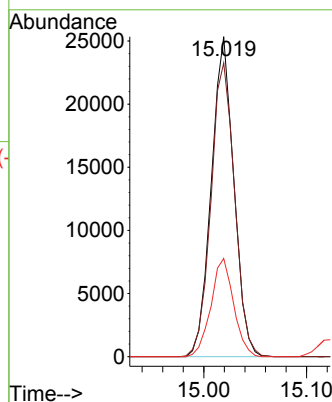
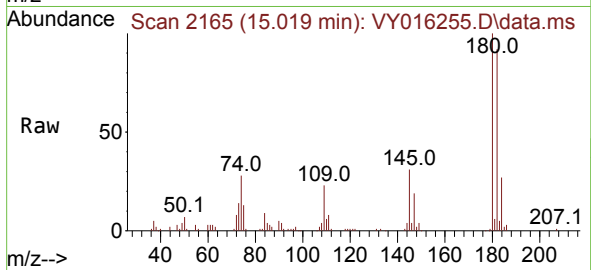
Tgt Ion:180 Resp: 38461

Ion Ratio Lower Upper

180 100

182 96.4 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.562 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

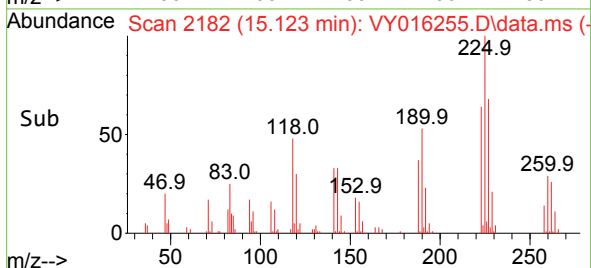
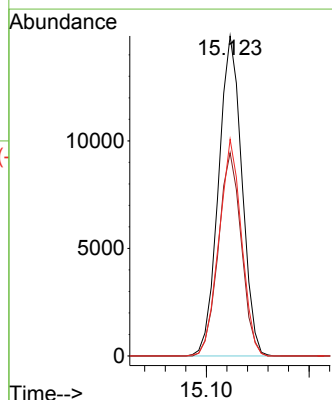
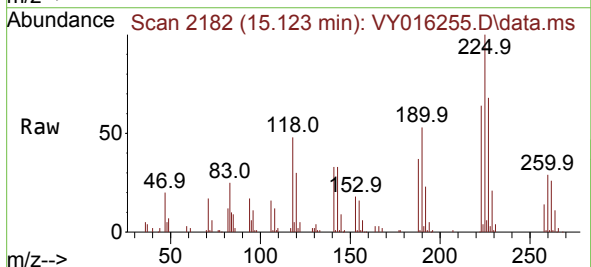
Tgt Ion:225 Resp: 23487

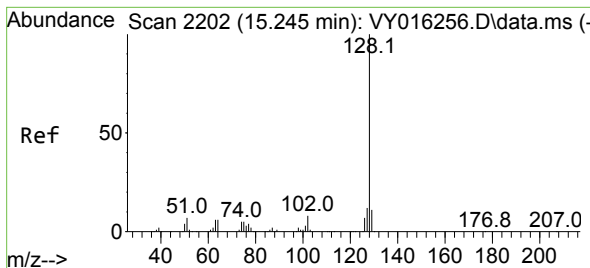
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 65.2 33.0 98.9





#95

Naphthalene

Concen: 18.434 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016255.D

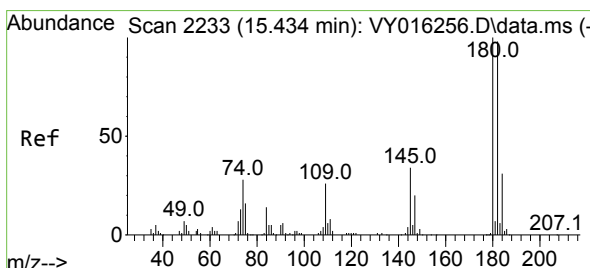
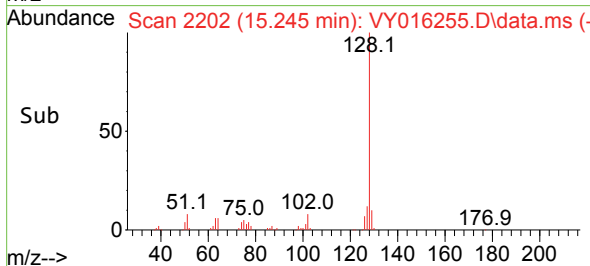
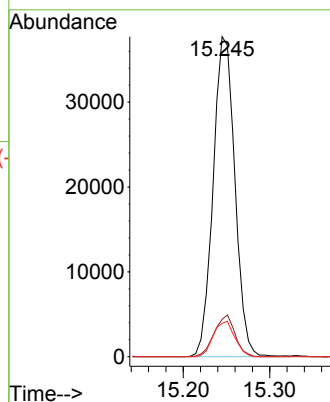
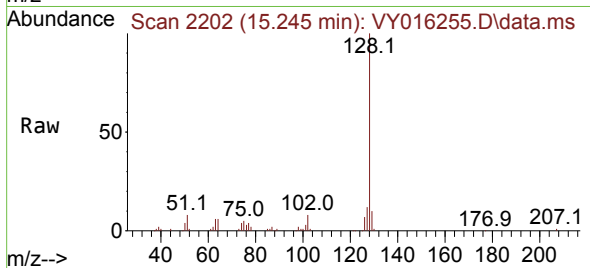
Acq: 08 Nov 2023 09:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	65737
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.8	16.2
129	10.9	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.377 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016255.D

Acq: 08 Nov 2023 09:49

Tgt Ion:	180	Resp:	31956
Ion Ratio	Lower	Upper	
180	100		
182	92.6	47.3	141.8
145	31.7	15.4	46.2

