

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016256.D
 Acq On : 08 Nov 2023 10:12
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 00:29:48 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	171379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	272917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	238083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	109249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	76530	48.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.720%
35) Dibromofluoromethane	7.734	113	77199	49.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.191	98	311962	49.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.489	95	101316	49.618	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	78473	46.763	ug/l	96
3) Chloromethane	2.119	50	92452	47.042	ug/l	99
4) Vinyl Chloride	2.260	62	100709	47.655	ug/l	96
5) Bromomethane	2.662	94	65776	47.361	ug/l	96
6) Chloroethane	2.802	64	64330	47.706	ug/l	97
7) Trichlorofluoromethane	3.137	101	152745	49.680	ug/l	99
8) Diethyl Ether	3.540	74	45597	49.620	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	89136	48.134	ug/l	94
10) Methyl Iodide	4.107	142	101696	50.848	ug/l	97
11) Tert butyl alcohol	4.973	59	29786	242.841	ug/l #	81
12) 1,1-Dichloroethene	3.887	96	84278	48.664	ug/l	91
13) Acrolein	3.741	56	37652	254.499	ug/l	98
14) Allyl chloride	4.497	41	123750	50.354	ug/l #	93
15) Acrylonitrile	5.180	53	93292	255.825	ug/l	97
16) Acetone	3.961	43	61984	239.236	ug/l #	89
17) Carbon Disulfide	4.210	76	255965	48.985	ug/l	99
18) Methyl Acetate	4.491	43	69547	50.516	ug/l	91
19) Methyl tert-butyl Ether	5.235	73	211903	50.554	ug/l	100
20) Methylene Chloride	4.729	84	94632	51.830	ug/l	89
21) trans-1,2-Dichloroethene	5.235	96	96704	48.497	ug/l	93
22) Diisopropyl ether	6.137	45	268487	50.692	ug/l #	86
23) Vinyl Acetate	6.076	43	664913	259.088	ug/l #	93
24) 1,1-Dichloroethane	6.039	63	161700	49.488	ug/l	97
25) 2-Butanone	7.003	43	113354	249.782	ug/l	94
26) 2,2-Dichloropropane	6.997	77	147215	49.503	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	106387	49.507	ug/l	92
28) Bromochloromethane	7.350	49	59815	49.463	ug/l	91
29) Tetrahydrofuran	7.362	42	77958	259.899	ug/l	90
30) Chloroform	7.521	83	167232	49.170	ug/l	97
31) Cyclohexane	7.801	56	145845	47.293	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	153392	49.201	ug/l	98
36) 1,1-Dichloropropene	7.929	75	134356	49.909	ug/l	98
37) Ethyl Acetate	7.088	43	55111	50.667	ug/l #	96
38) Carbon Tetrachloride	7.917	117	139897	50.072	ug/l	97
39) Methylcyclohexane	9.197	83	169585	50.556	ug/l	92
40) Benzene	8.173	78	381372	50.424	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	26848	48.953	ug/l	94
42) 1,2-Dichloroethane	8.246	62	99981	51.019	ug/l	93
43) Isopropyl Acetate	8.283	43	108839	51.766	ug/l #	91
44) Trichloroethene	8.954	130	108289	49.818	ug/l	97
45) 1,2-Dichloropropane	9.228	63	93086	51.247	ug/l	97
46) Dibromomethane	9.319	93	50472	51.276	ug/l	97
47) Bromodichloromethane	9.508	83	128254	50.682	ug/l	96
48) Methyl methacrylate	9.301	41	61500	52.926	ug/l	87
49) 1,4-Dioxane	9.313	88	11022	1054.743	ug/l #	62
51) 4-Methyl-2-Pentanone	10.081	43	276465	260.031	ug/l	91
52) Toluene	10.252	92	241759	50.567	ug/l	96
53) t-1,3-Dichloropropene	10.478	75	126747	51.666	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	150456	51.349	ug/l #	89
55) 1,1,2-Trichloroethane	10.654	97	69692	51.369	ug/l	97
56) Ethyl methacrylate	10.520	69	68595	53.562	ug/l #	83
57) 1,3-Dichloropropane	10.801	76	120248	51.997	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	241898	278.562	ug/l	93
59) 2-Hexanone	10.843	43	194262	245.643	ug/l	89
60) Dibromochloromethane	10.996	129	88199	51.981	ug/l	100
61) 1,2-Dibromoethane	11.099	107	66677	51.587	ug/l	98
64) Tetrachloroethene	10.728	164	107745	50.401	ug/l	97
65) Chlorobenzene	11.526	112	254438	50.020	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	94717	50.485	ug/l	98
67) Ethyl Benzene	11.599	91	463961	50.753	ug/l	98
68) m/p-Xylenes	11.715	106	352913	101.782	ug/l	95
69) o-Xylene	12.038	106	167202	51.938	ug/l	95
70) Styrene	12.057	104	238466	51.731	ug/l	98
71) Bromoform	12.215	173	50359	51.729	ug/l #	99
73) Isopropylbenzene	12.337	105	447428	50.575	ug/l	100
74) N-amyl acetate	12.154	43	94139	52.976	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	71942	50.678	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	97785	87.456	ug/l #	100
77) Bromobenzene	12.618	156	102090	51.058	ug/l	94
78) n-propylbenzene	12.678	91	528549	50.555	ug/l	99
79) 2-Chlorotoluene	12.764	91	293923	51.013	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	363553	50.970	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	24526	50.797	ug/l	92
82) 4-Chlorotoluene	12.861	91	300139	50.412	ug/l	99
83) tert-Butylbenzene	13.081	119	320830	51.067	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	358693	51.072	ug/l	99
85) sec-Butylbenzene	13.264	105	453666	50.545	ug/l	100
86) p-Isopropyltoluene	13.380	119	394965	51.105	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	191765	49.851	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	188635	50.177	ug/l	99
89) n-Butylbenzene	13.703	91	368226	51.591	ug/l	97
90) Hexachloroethane	13.971	117	74700	50.105	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	165559	50.226	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10925	48.371	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	97143	50.489	ug/l	98
94) Hexachlorobutadiene	15.123	225	54852	49.761	ug/l	97
95) Naphthalene	15.245	128	175768	51.078	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	77601	48.762	ug/l	97

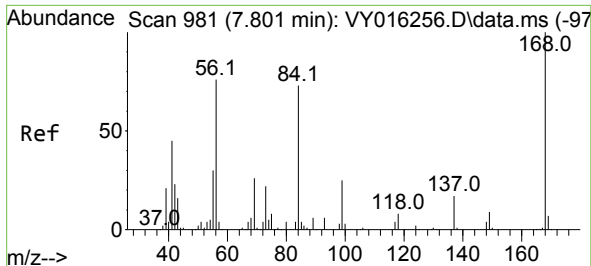
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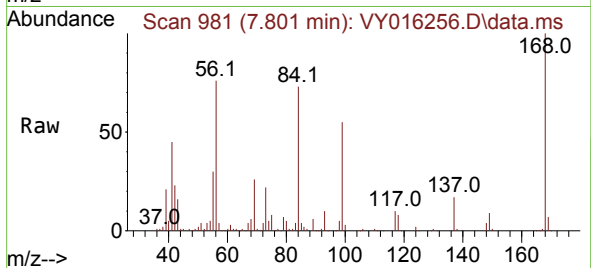
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

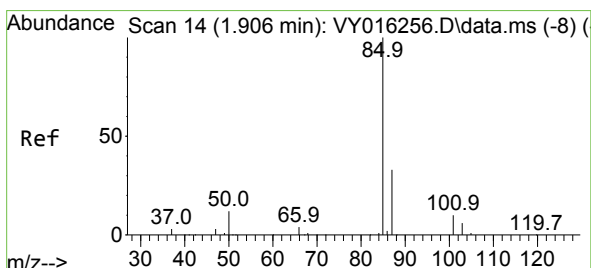
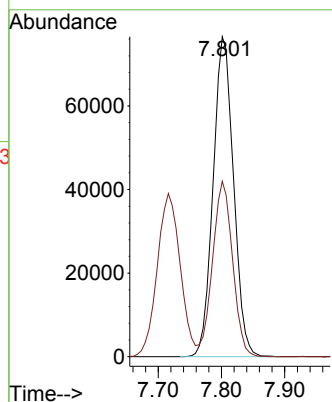
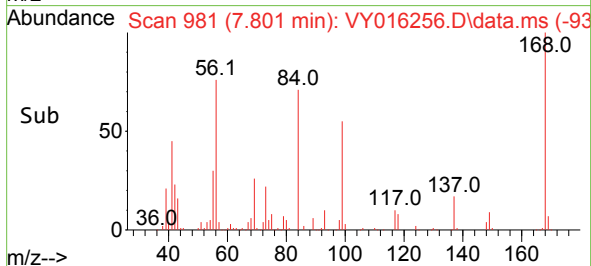


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016256.D
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MSVOA_Y
ClientSampleId :

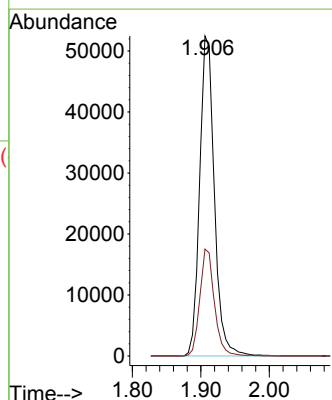
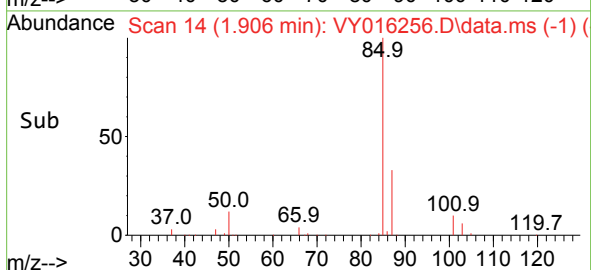
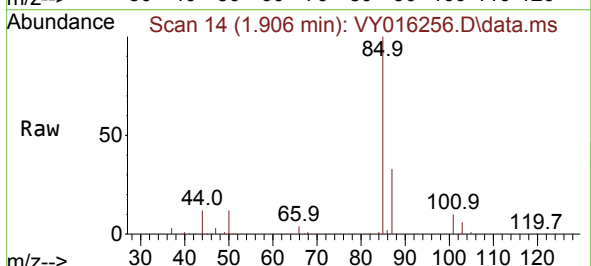


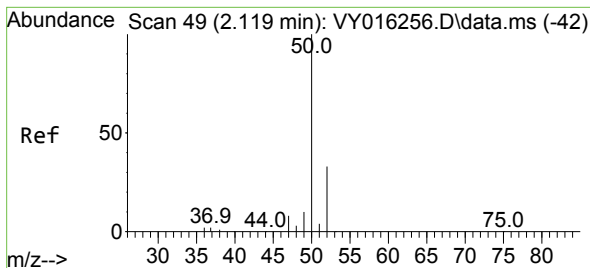
Tgt Ion:168 Resp: 171379
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.763 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 85 Resp: 78473
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8





#3

Chloromethane

Concen: 47.042 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

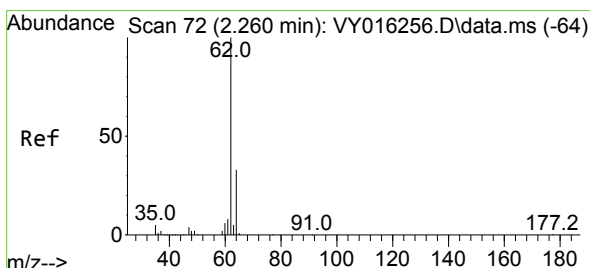
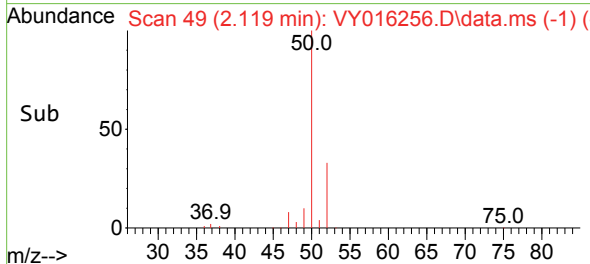
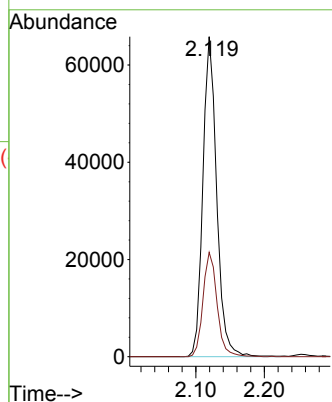
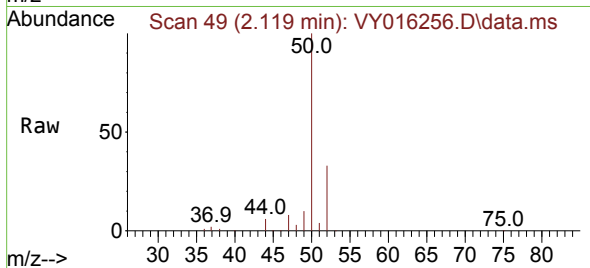
ClientSampleId :

Tgt Ion: 50 Resp: 92452

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 47.655 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016256.D

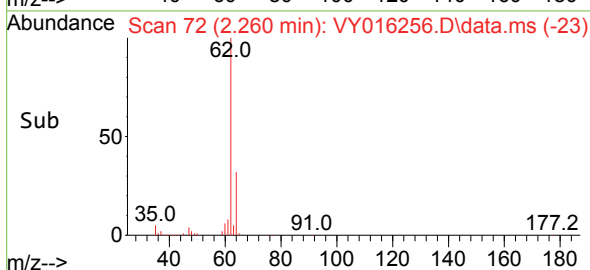
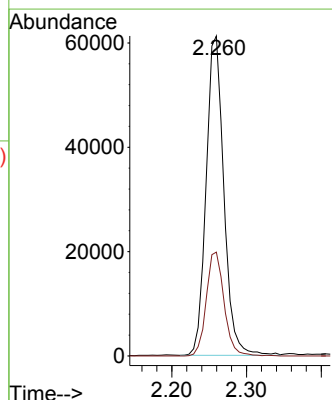
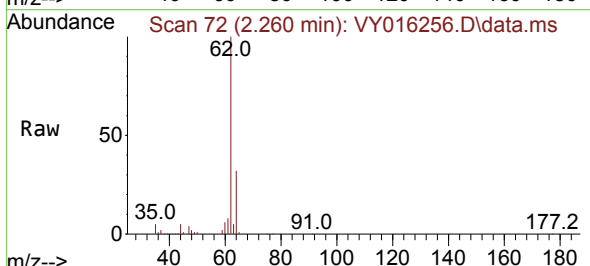
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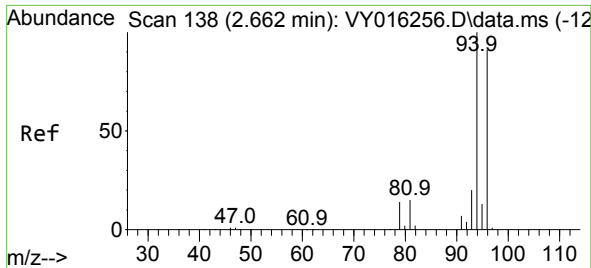
Tgt Ion: 62 Resp: 100709

Ion Ratio Lower Upper

62 100

64 32.5 24.3 36.5

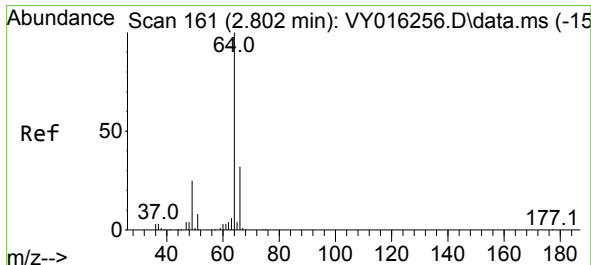
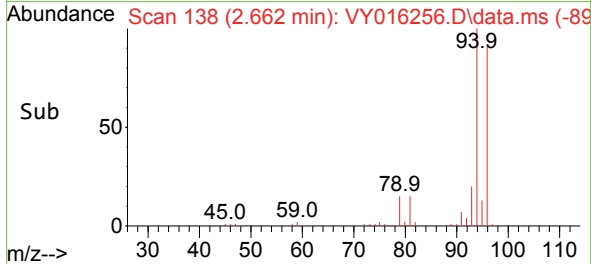
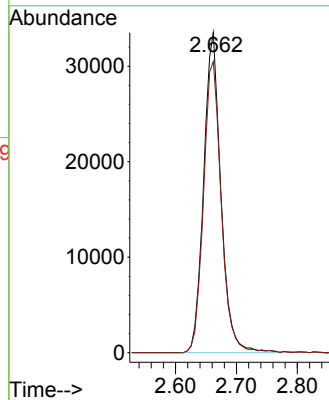
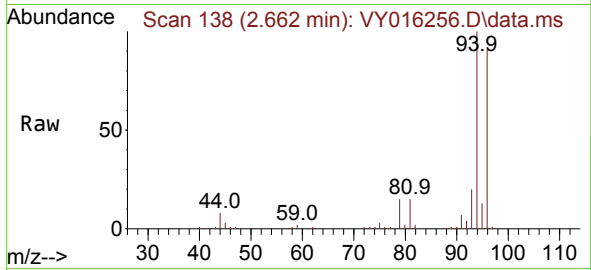




#5
Bromomethane
Concen: 47.361 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

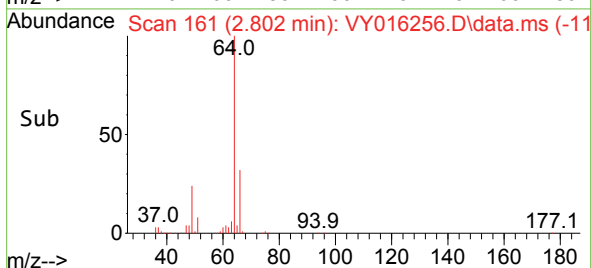
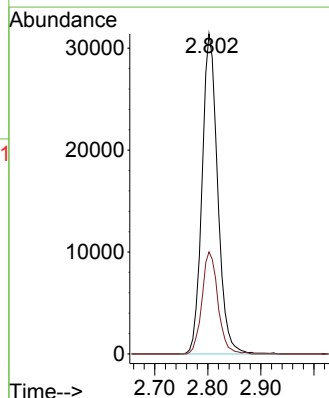
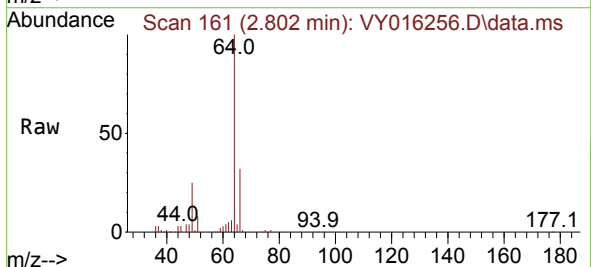
Instrument :
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ClientSampleId :

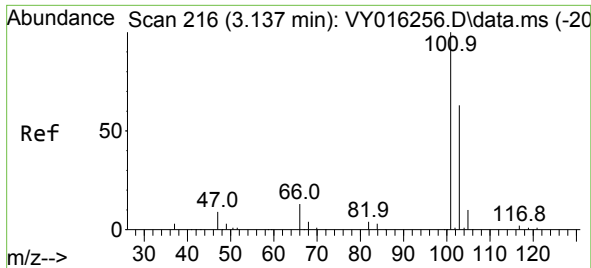
Tgt Ion: 94 Resp: 65776
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.6



#6
Chloroethane
Concen: 47.706 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

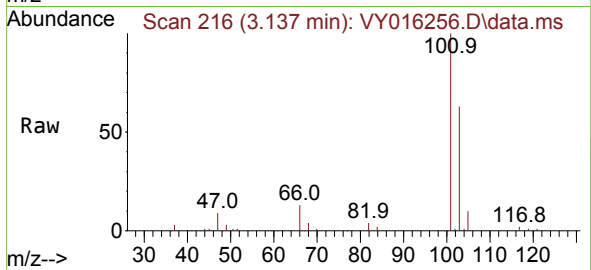
Tgt Ion: 64 Resp: 64330
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6



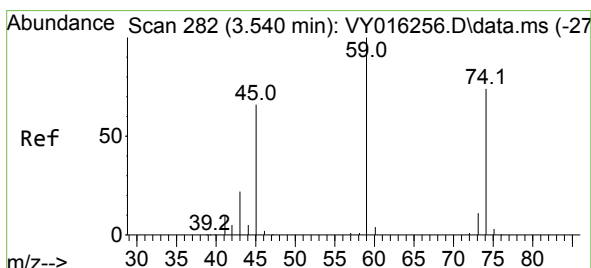
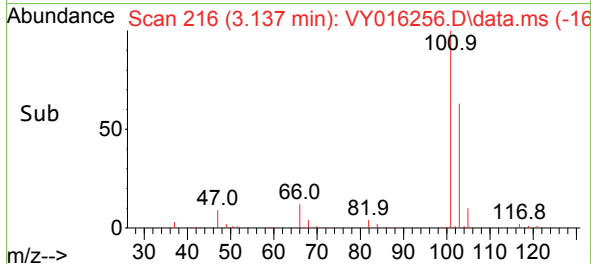
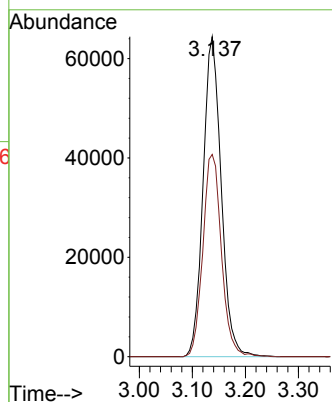


#7
 Trichlorofluoromethane
 Concen: 49.680 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016256.D
 Acq: 08 Nov 2023 10:12

Instrument :
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 ClientSampleId :

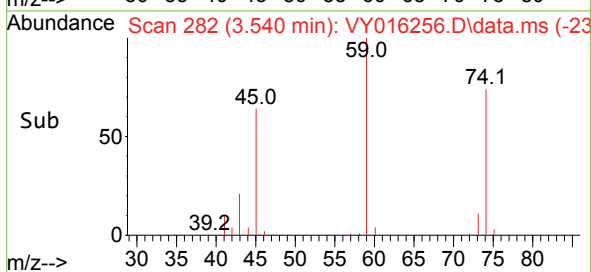
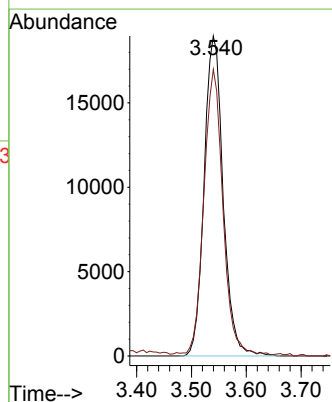
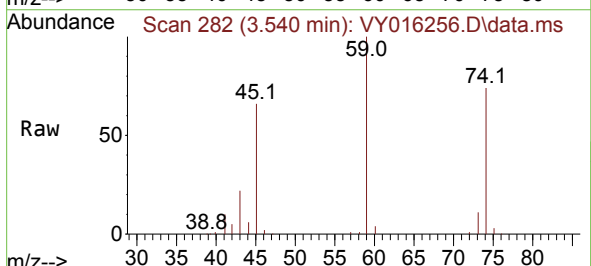


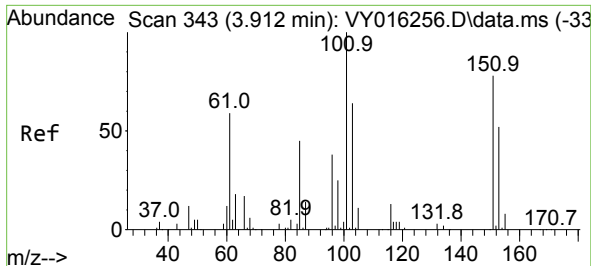
Tgt Ion:101 Resp: 152745
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 49.620 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY016256.D
 Acq: 08 Nov 2023 10:12

Tgt Ion: 74 Resp: 45597
 Ion Ratio Lower Upper
 74 100
 45 89.1 51.5 154.5

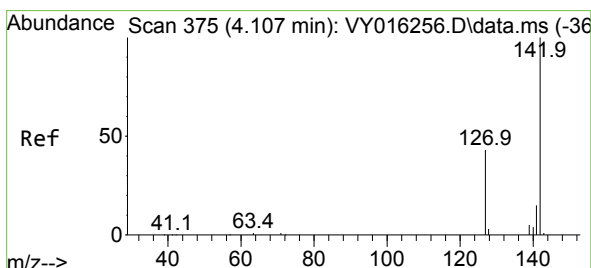
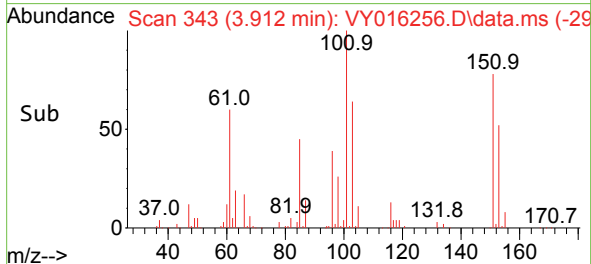
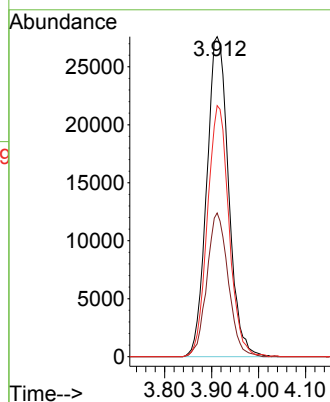
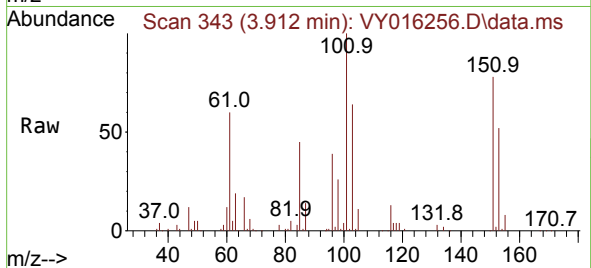




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.134 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016256.D
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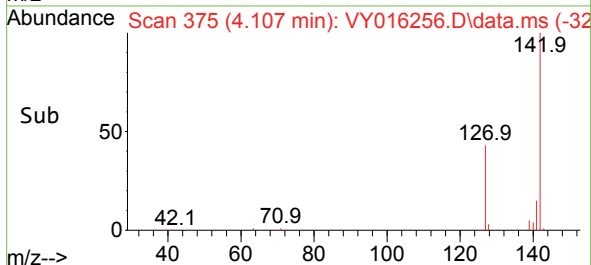
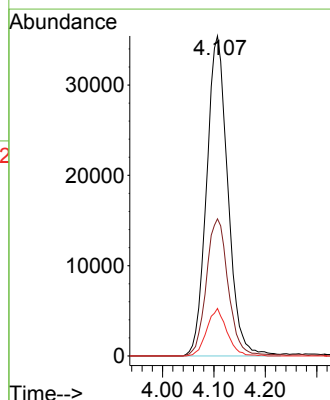
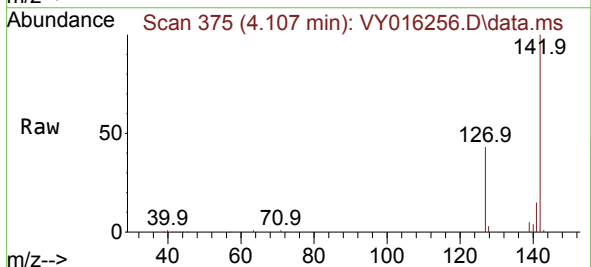
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 89136
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 77.3 67.0 100.6



#10
Methyl Iodide
Concen: 50.848 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion:142 Resp: 101696
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.1 11.8 17.8

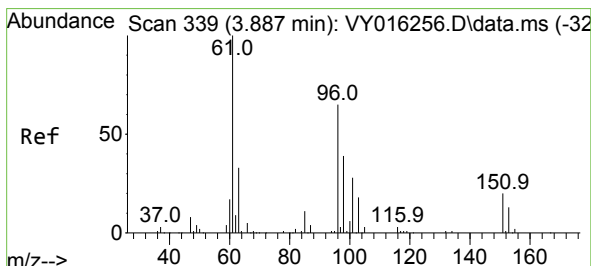
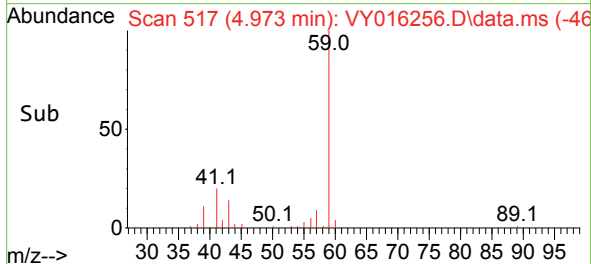
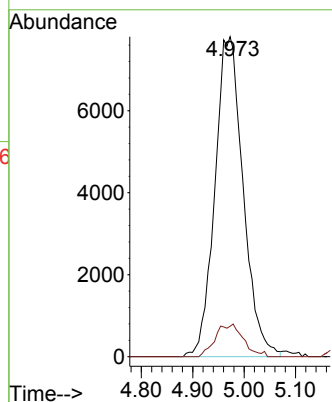
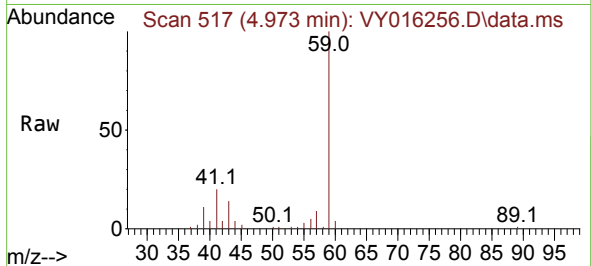




#11
Tert butyl alcohol
Concen: 242.841 ug/l
RT: 4.973 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

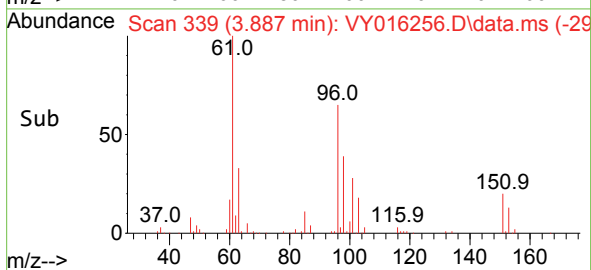
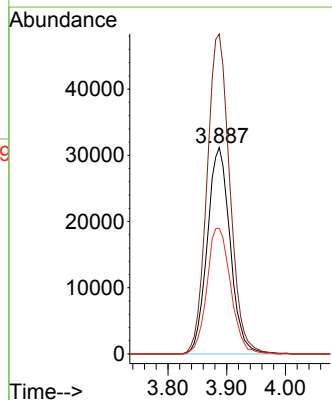
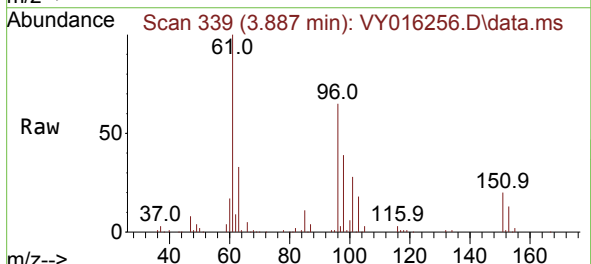
Instrument :
MSVOA_Y
ClientSampleId :

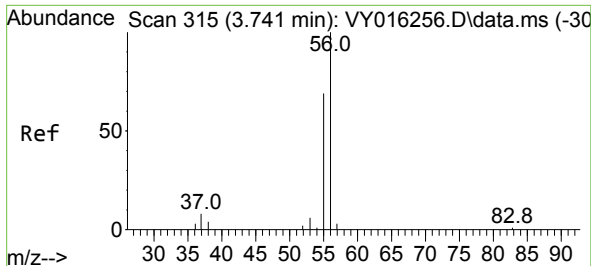
Tgt Ion: 59 Resp: 29786
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.664 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 96 Resp: 84278
Ion Ratio Lower Upper
96 100
61 155.0 136.4 204.6
98 60.9 49.4 74.2





#13

Acrolein

Concen: 254.499 ug/l

RT: 3.741 min Scan# 315

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

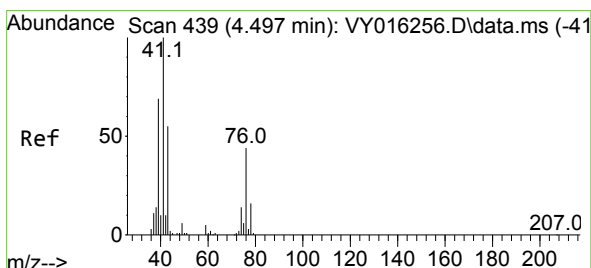
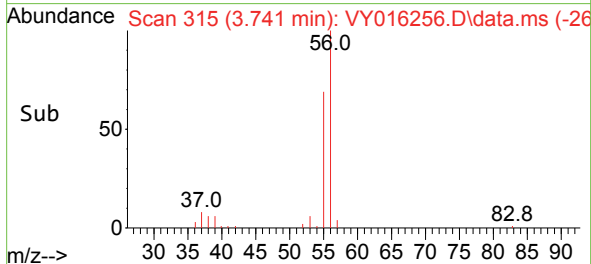
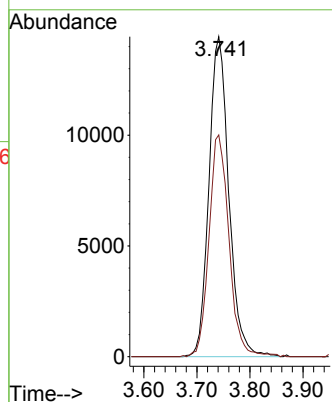
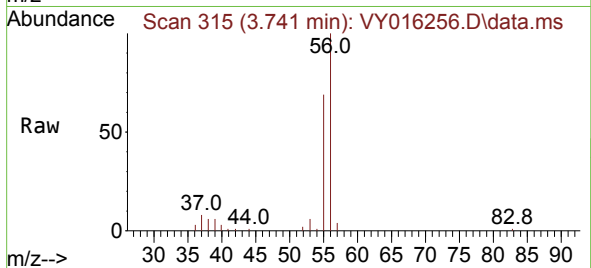
ClientSampleId :

Tgt Ion: 56 Resp: 37652

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 50.354 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

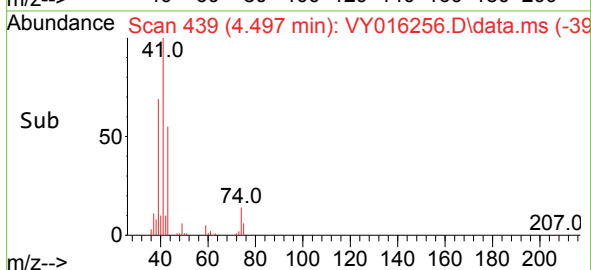
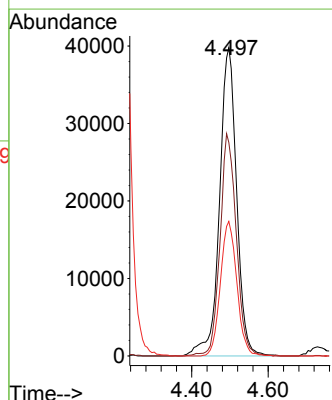
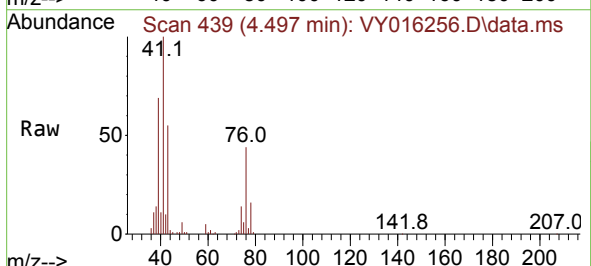
Tgt Ion: 41 Resp: 123750

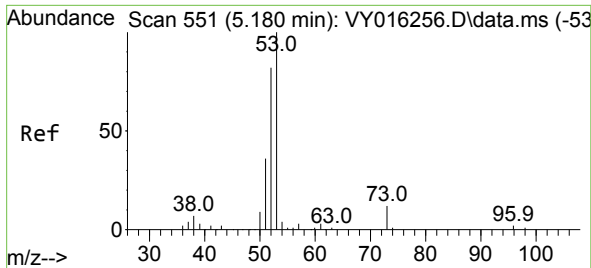
Ion Ratio Lower Upper

41 100

39 68.7 58.0 87.0

76 41.9 27.4 41.2#

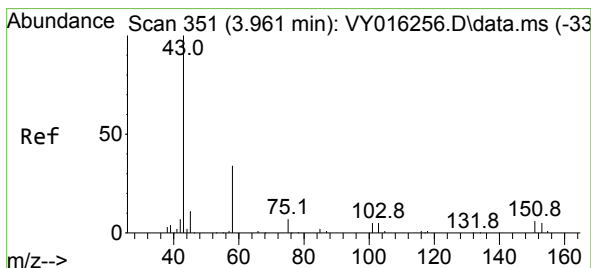
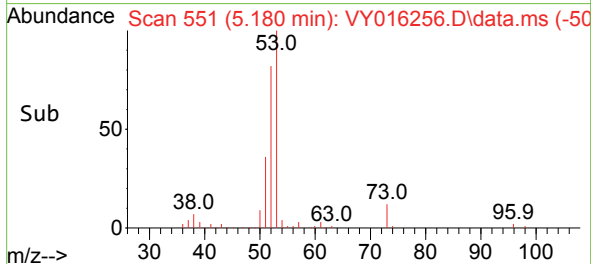
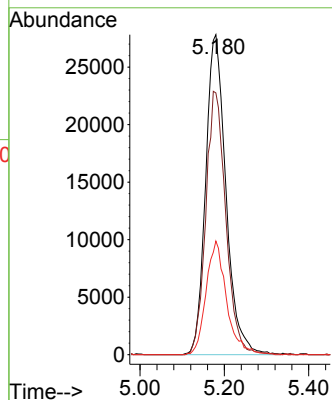
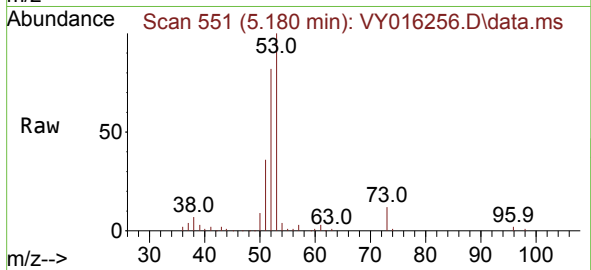




#15
Acrylonitrile
Concen: 255.825 ug/l
RT: 5.180 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

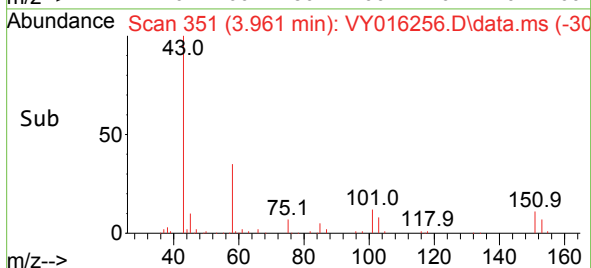
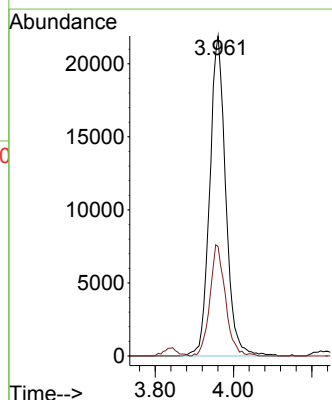
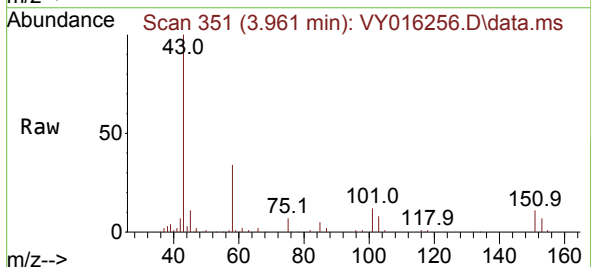
Instrument :
MSVOA_Y
ClientSampleId :

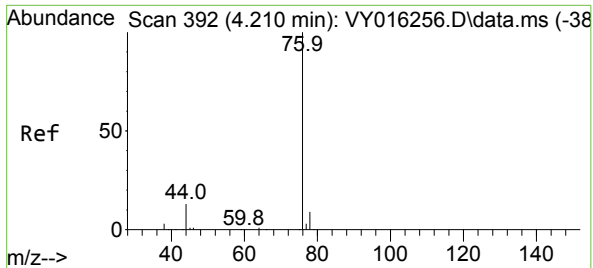
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.9	100.3
51	35.9	29.8	44.6



#16
Acetone
Concen: 239.236 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.1	22.7	34.1#





#17

Carbon Disulfide

Concen: 48.985 ug/l

RT: 4.210 min Scan# 392

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

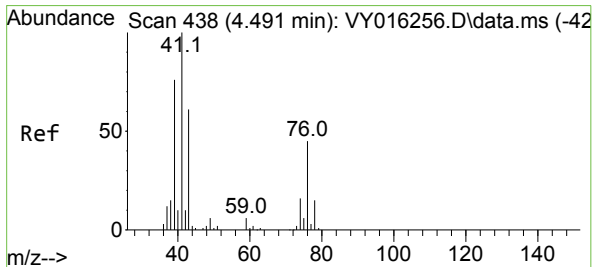
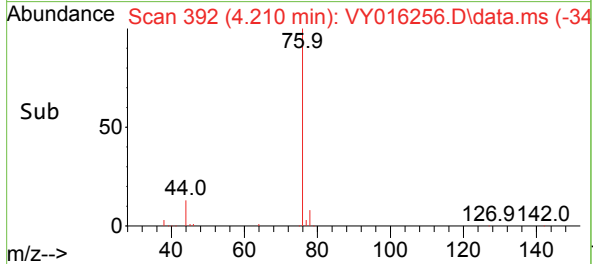
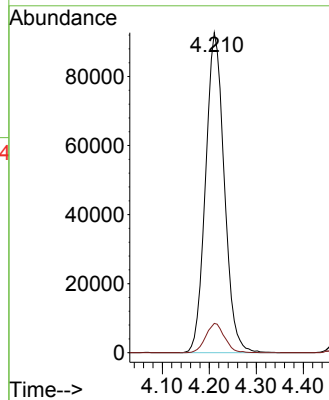
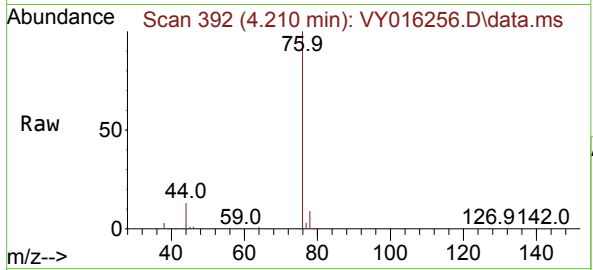
ClientSampleId :

Tgt Ion: 76 Resp: 255965

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 50.516 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY016256.D

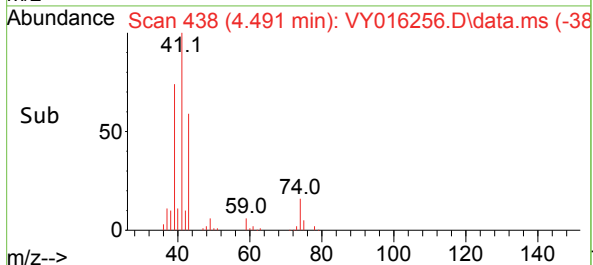
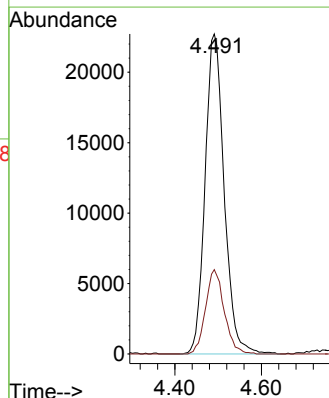
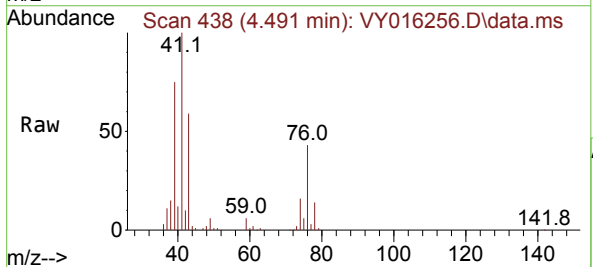
Acq: 08 Nov 2023 10:12

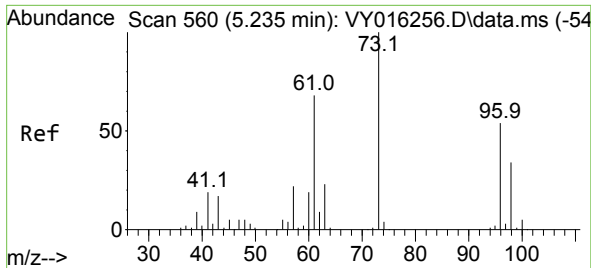
Tgt Ion: 43 Resp: 69547

Ion Ratio Lower Upper

43 100

74 25.8 17.4 26.0

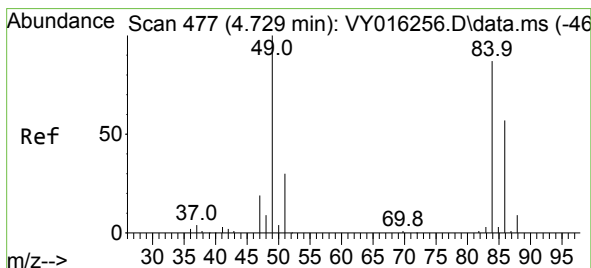
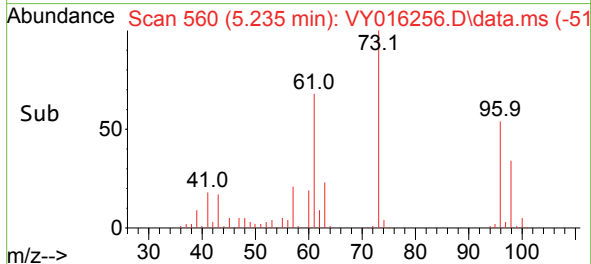
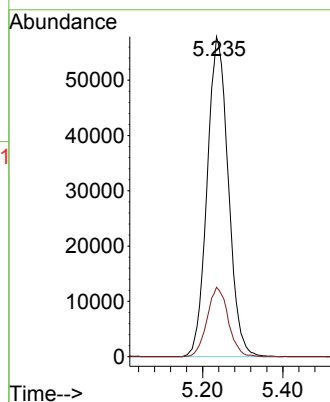
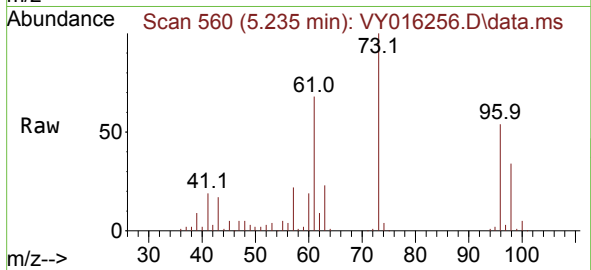




#19
Methyl tert-butyl Ether
Concen: 50.554 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

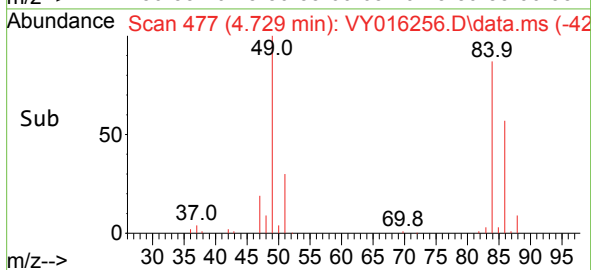
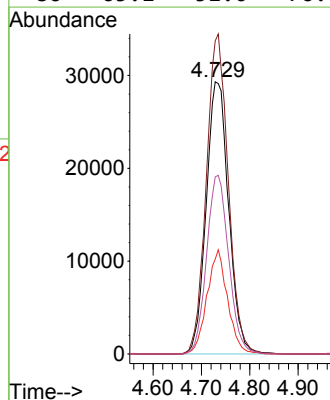
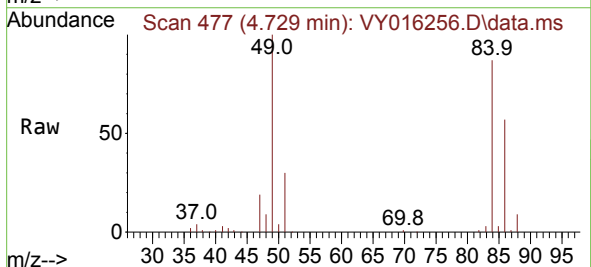
Instrument :
MSVOA_Y
ClientSampleId :

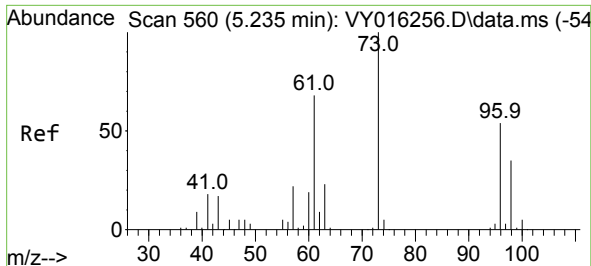
Tgt Ion: 73 Resp: 211903
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 51.830 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

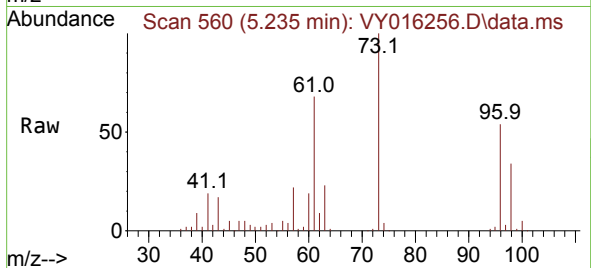
Tgt Ion: 84 Resp: 94632
Ion Ratio Lower Upper
84 100
49 115.0 106.9 160.3
51 34.9 33.2 49.8
86 65.1 51.0 76.6



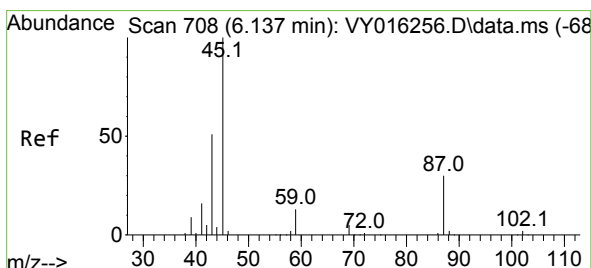
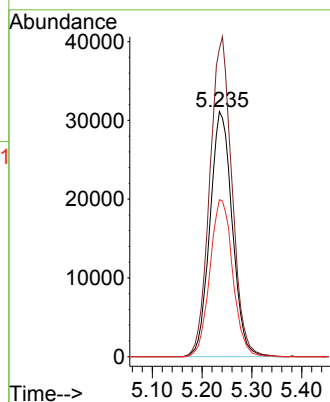
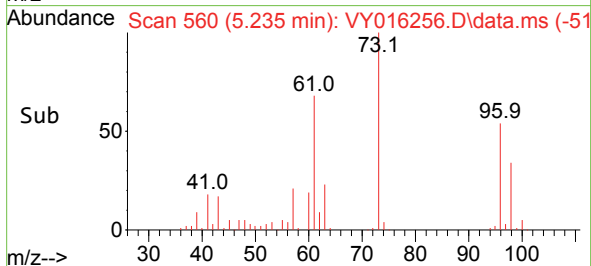


#21
trans-1,2-Dichloroethene
Concen: 48.497 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

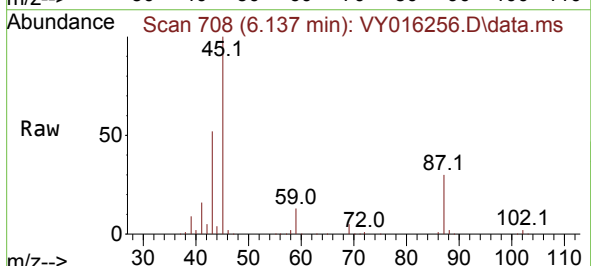
Instrument :
MSVOA_Y
ClientSampleId :



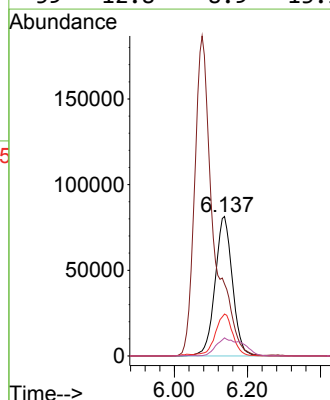
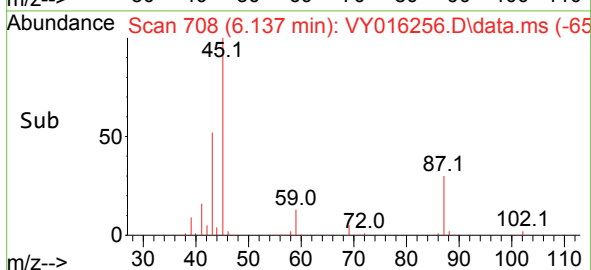
Tgt Ion: 96 Resp: 96704
Ion Ratio Lower Upper
96 100
61 125.6 110.2 165.4
98 64.0 51.8 77.6

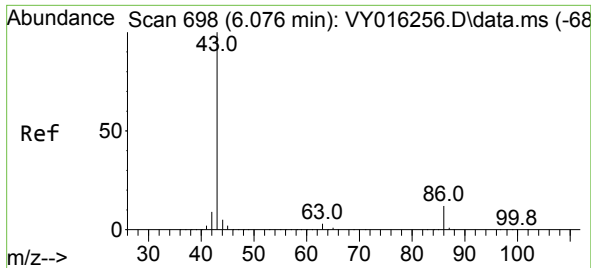


#22
Diisopropyl ether
Concen: 50.692 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12



Tgt Ion: 45 Resp: 268487
Ion Ratio Lower Upper
45 100
43 51.1 52.2 78.4#
87 30.1 21.0 31.6
59 12.8 8.9 13.3

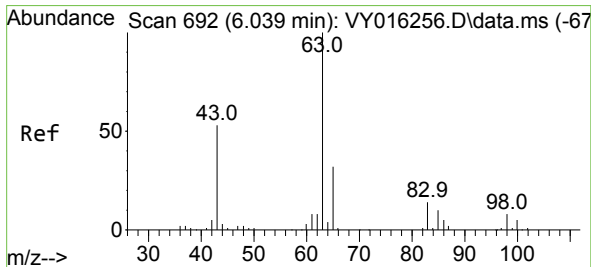
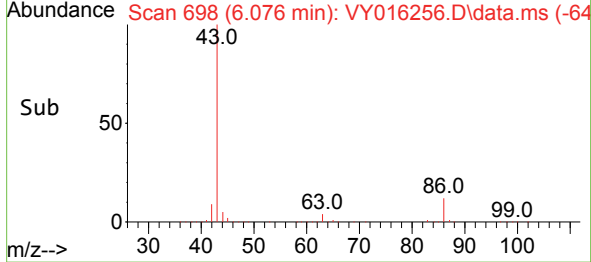
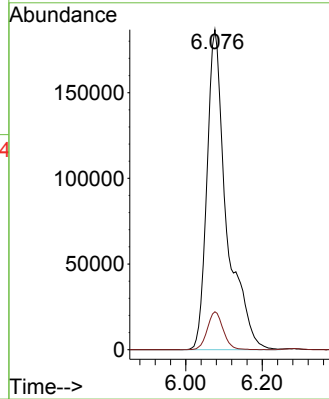
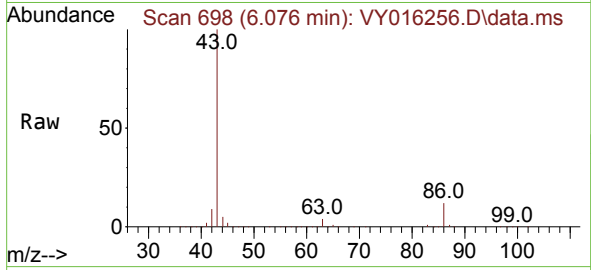




#23
 Vinyl Acetate
 Concen: 259.088 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY016256.D
 Acq: 08 Nov 2023 10:12

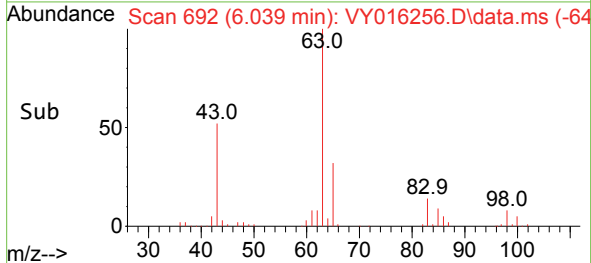
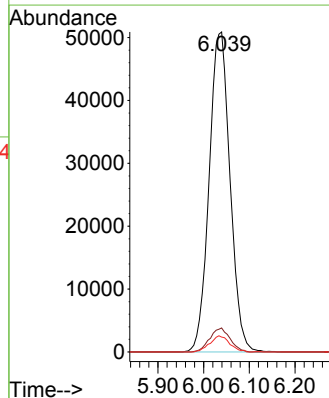
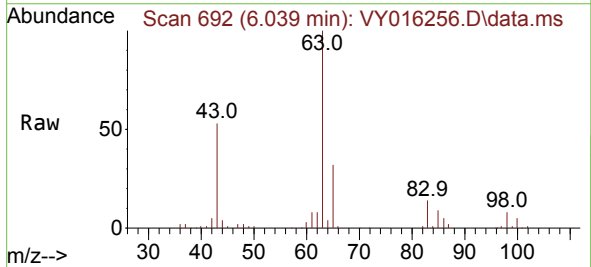
Instrument :
 MSVOA_Y
 ClientSampleId :

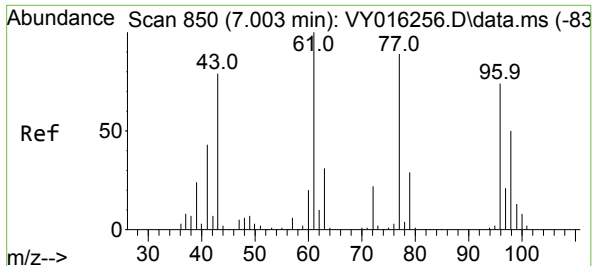
Tgt Ion: 43 Resp: 664913
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 49.488 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.000 min
 Lab File: VY016256.D
 Acq: 08 Nov 2023 10:12

Tgt Ion: 63 Resp: 161700
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 249.782 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

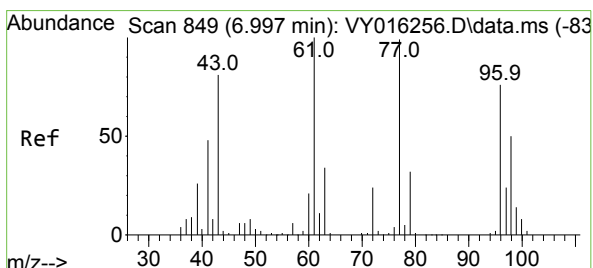
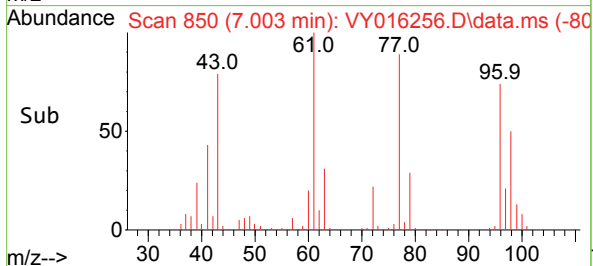
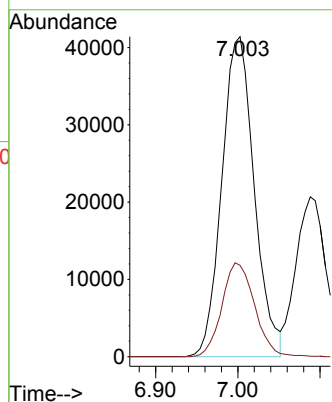
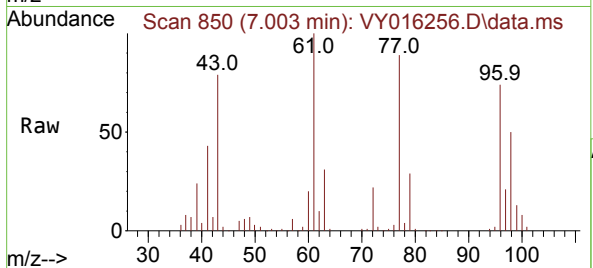
ClientSampleId :

Tgt Ion: 43 Resp: 113354

Ion Ratio Lower Upper

43 100

72 28.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.503 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016256.D

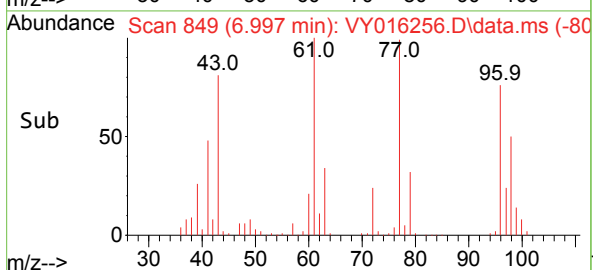
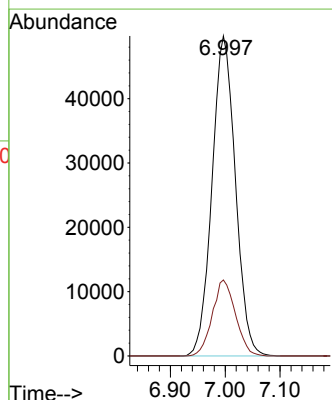
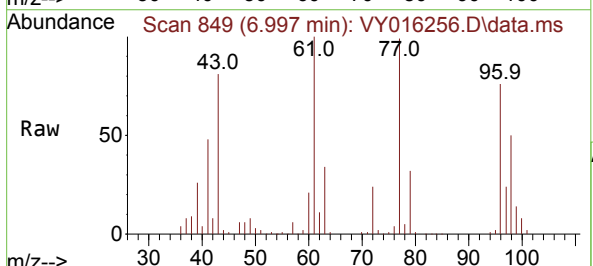
Acq: 08 Nov 2023 10:12

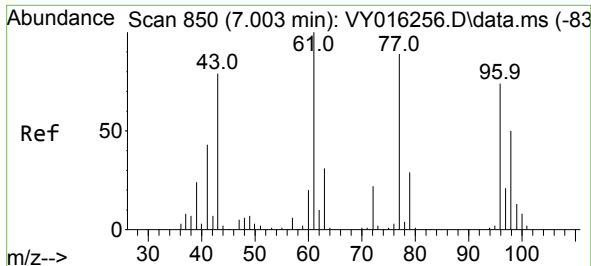
Tgt Ion: 77 Resp: 147215

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.507 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

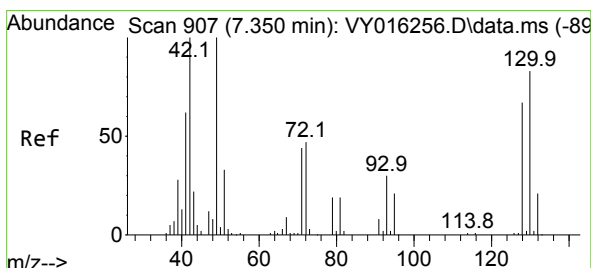
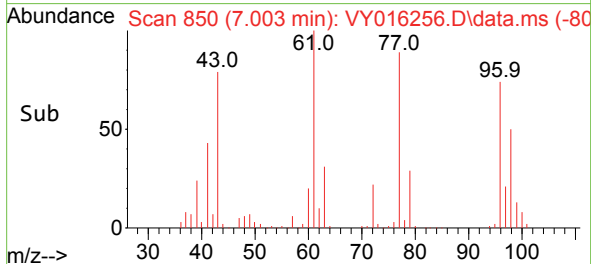
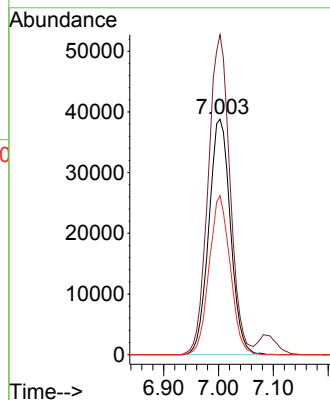
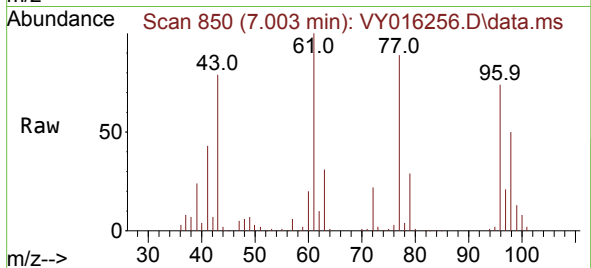
Tgt Ion: 96 Resp: 106387

Ion Ratio Lower Upper

96 100

61 136.7 0.0 301.4

98 65.6 0.0 130.4



#28

Bromochloromethane

Concen: 49.463 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

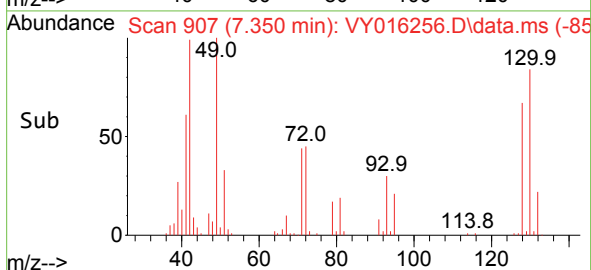
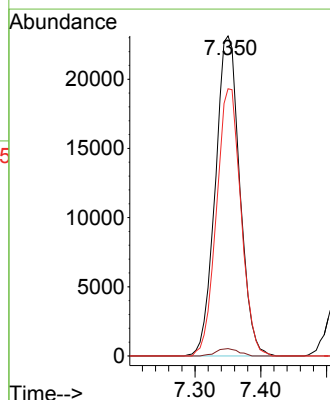
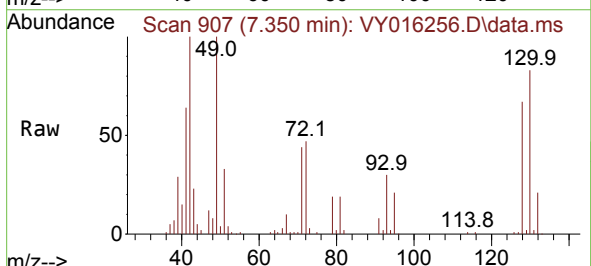
Tgt Ion: 49 Resp: 59815

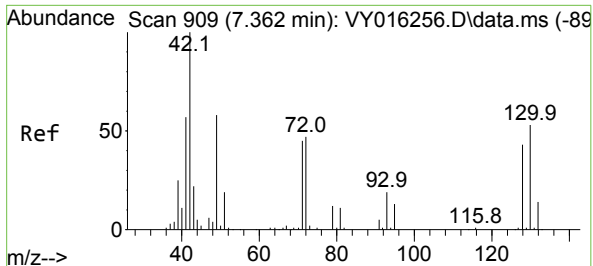
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 83.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 259.899 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

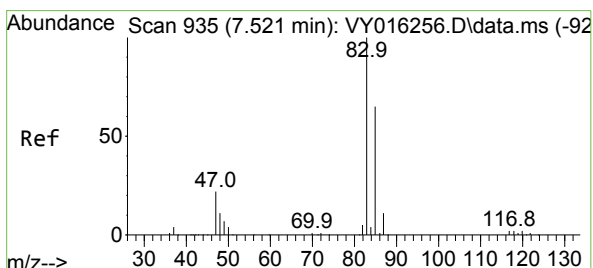
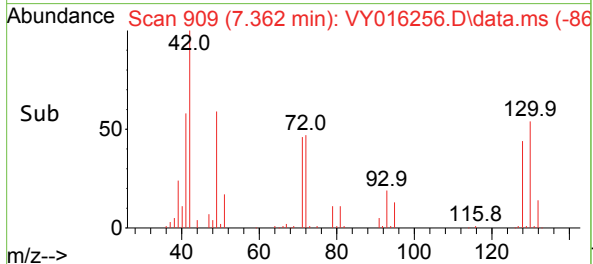
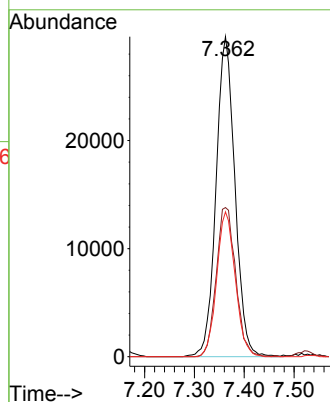
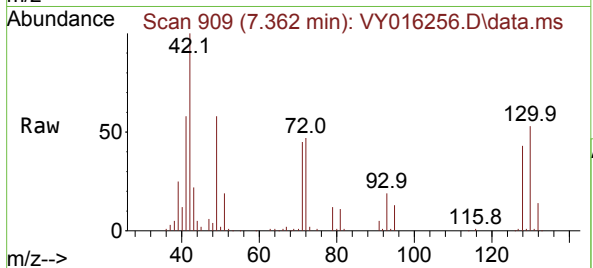
Tgt Ion: 42 Resp: 77958

Ion Ratio Lower Upper

42 100

72 48.0 32.8 49.2

71 44.4 31.0 46.4



#30

Chloroform

Concen: 49.170 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY016256.D

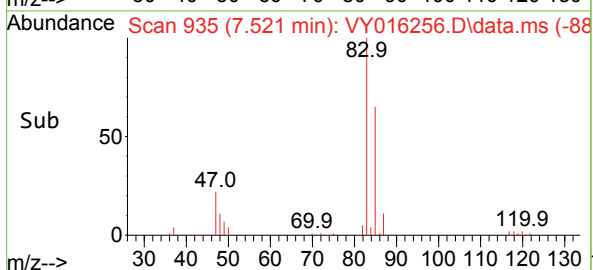
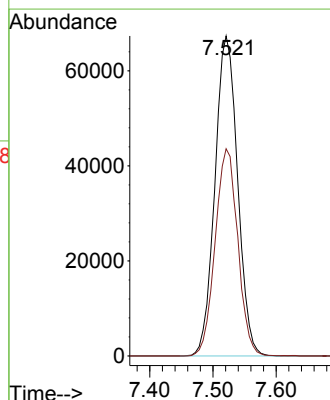
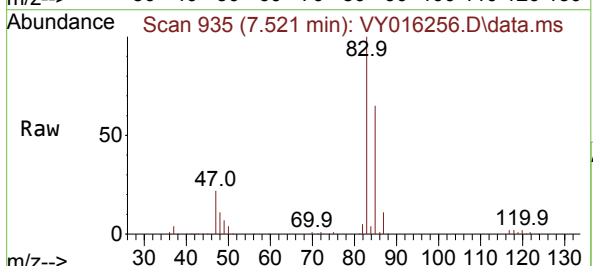
Acq: 08 Nov 2023 10:12

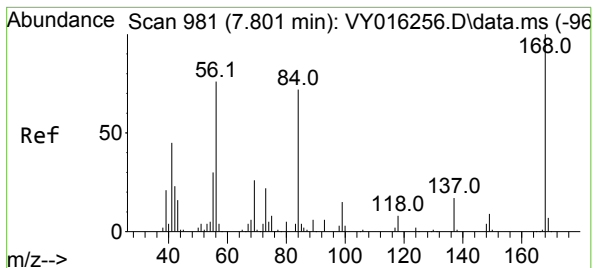
Tgt Ion: 83 Resp: 167232

Ion Ratio Lower Upper

83 100

85 64.7 49.7 74.5





#31

Cyclohexane

Concen: 47.293 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

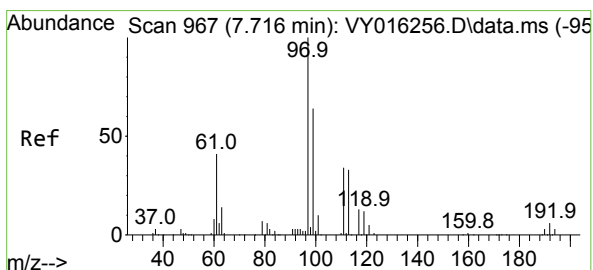
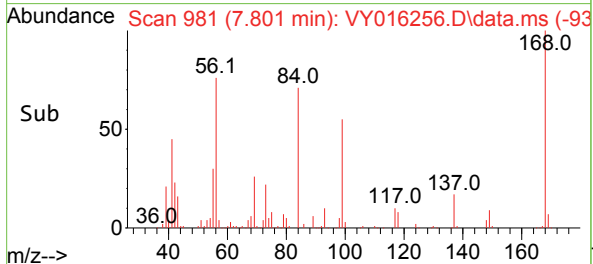
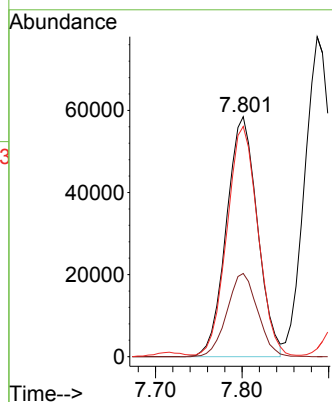
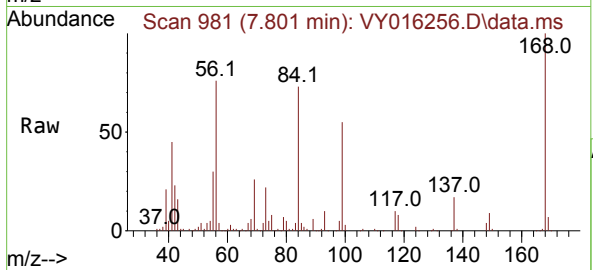
Tgt Ion: 56 Resp: 145845

Ion Ratio Lower Upper

56 100

69 34.7 27.8 41.6

84 94.6 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 49.201 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

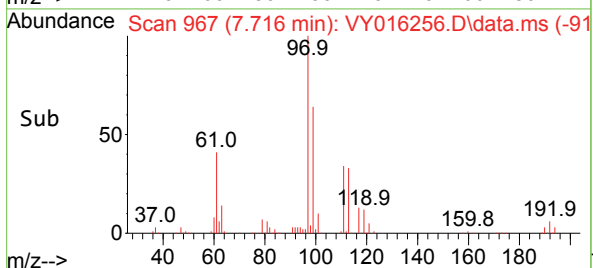
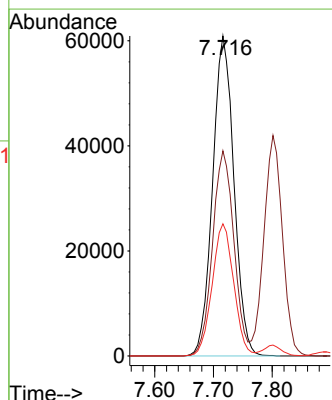
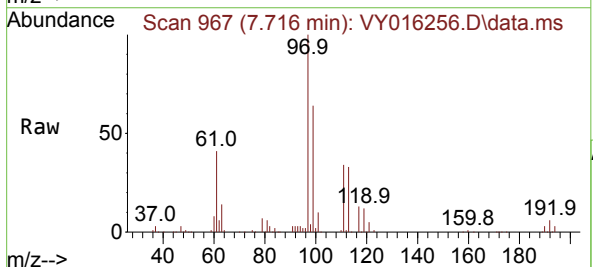
Tgt Ion: 97 Resp: 153392

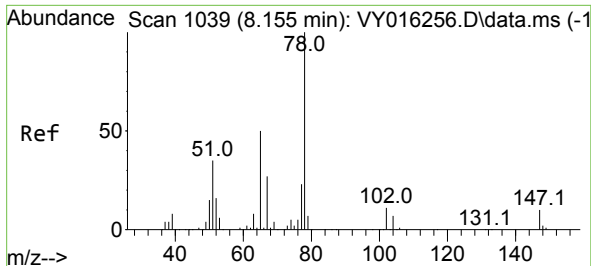
Ion Ratio Lower Upper

97 100

99 64.2 50.8 76.2

61 41.8 35.1 52.7

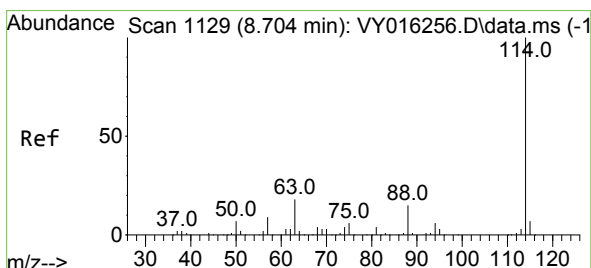
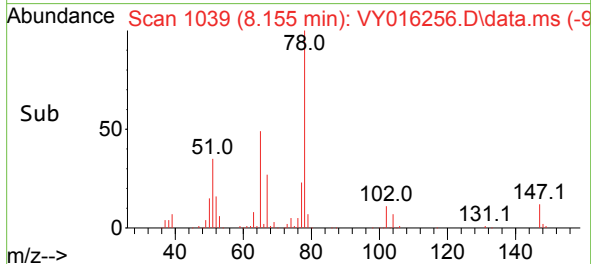
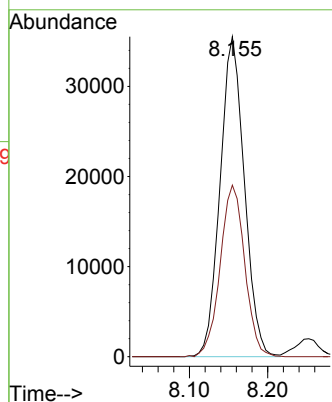
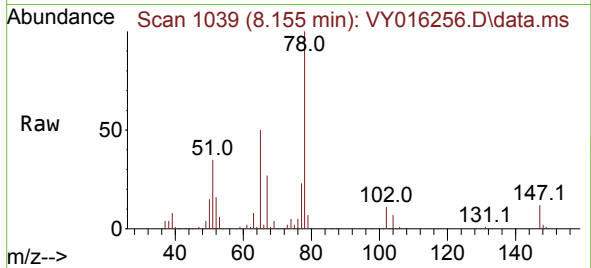




#33
1,2-Dichloroethane-d4
Concen: 48.859 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

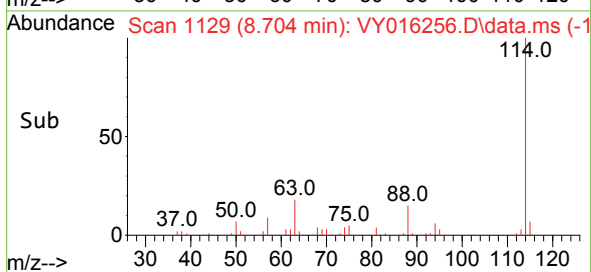
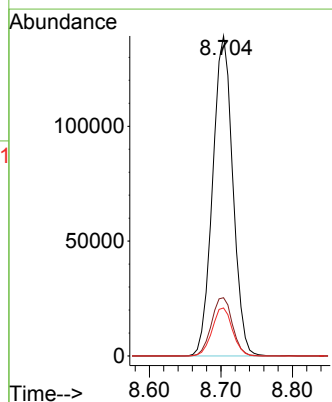
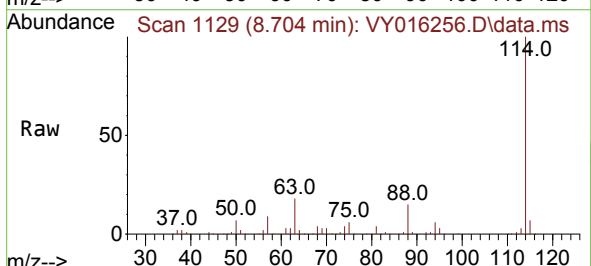
Instrument :
MSVOA_Y
ClientSampleId :

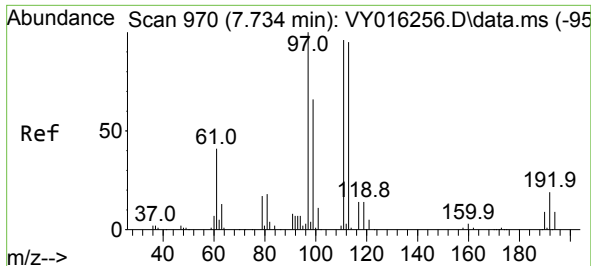
Tgt Ion: 65 Resp: 76530
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 114 Resp: 272917
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.4
88 15.0 0.0 30.6

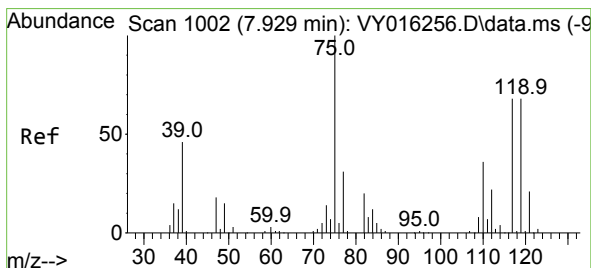
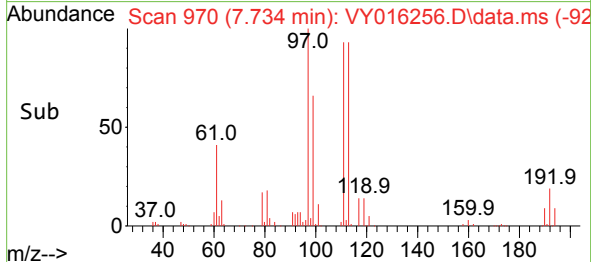
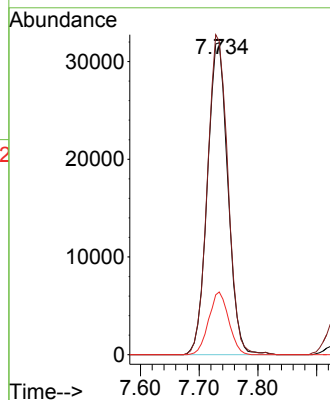
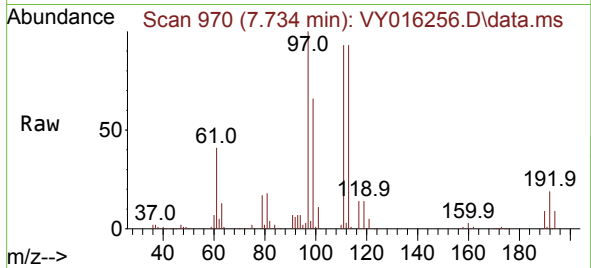




#35
Dibromofluoromethane
Concen: 49.795 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

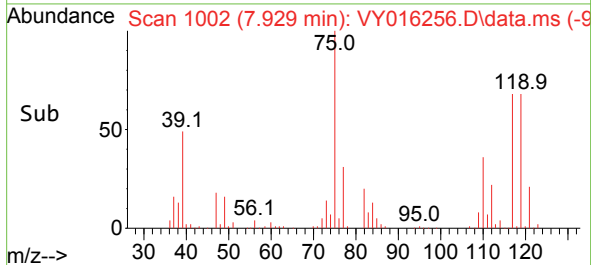
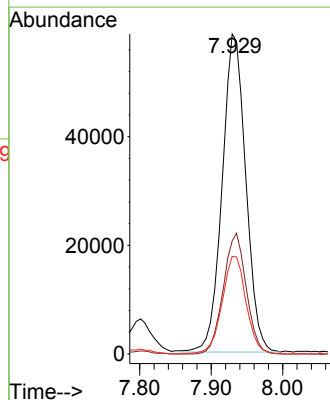
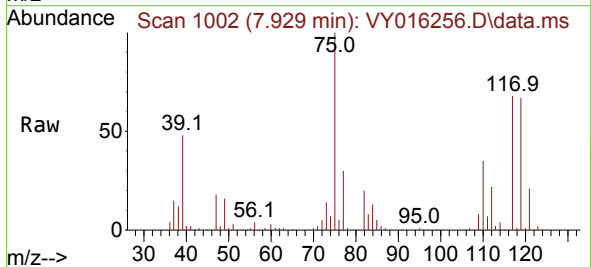
Instrument :
MSVOA_Y
ClientSampleId :

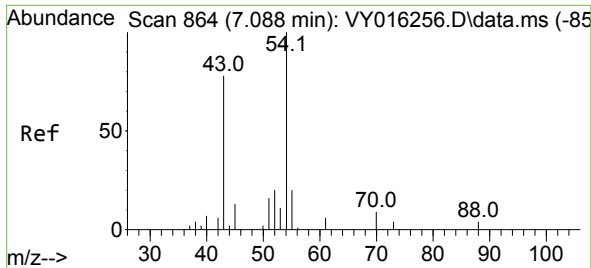
Tgt Ion:113 Resp: 77199
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.909 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 75 Resp: 134356
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 31.1 24.4 36.6

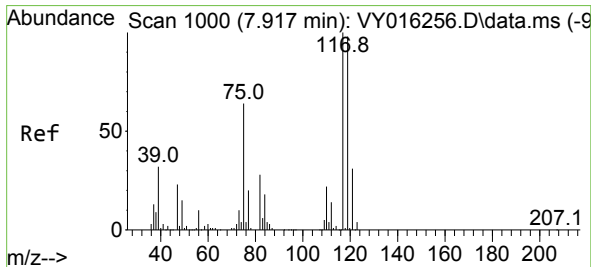
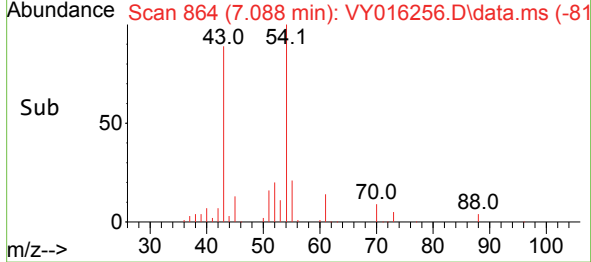
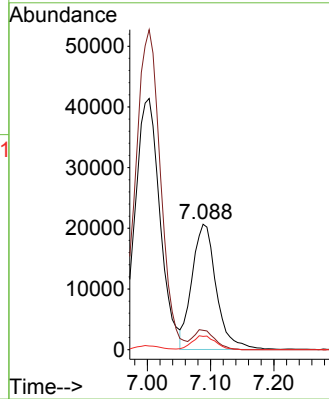
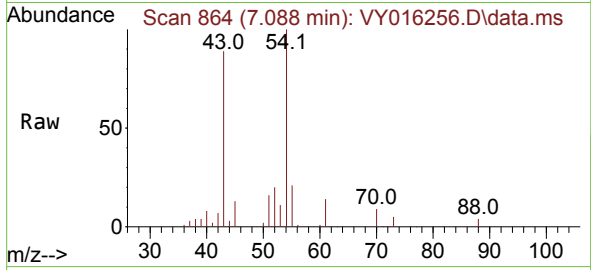




#37
Ethyl Acetate
Concen: 50.667 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

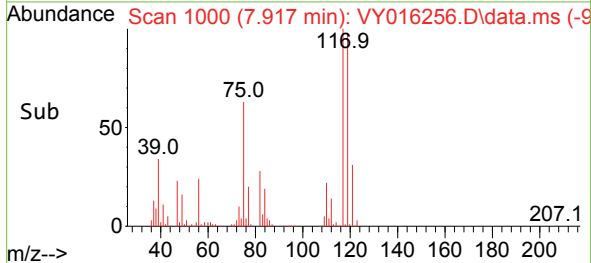
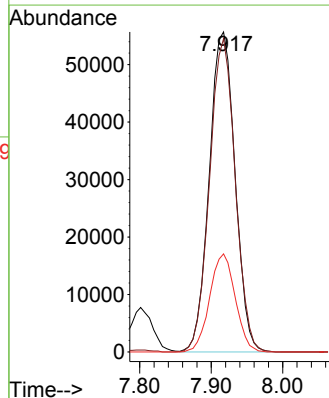
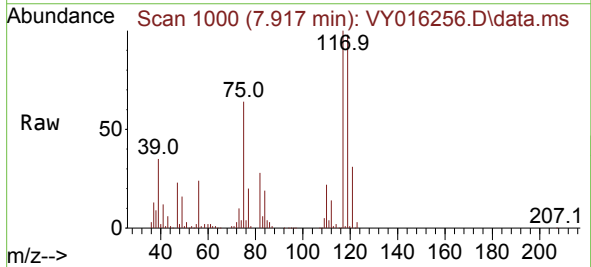
Instrument :
MSVOA_Y
ClientSampleId :

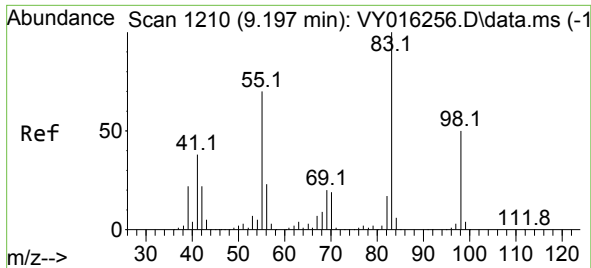
Tgt Ion: 43 Resp: 55111
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 10.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 50.072 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 117 Resp: 139897
Ion Ratio Lower Upper
117 100
119 97.9 76.4 114.6
121 30.6 25.8 38.6

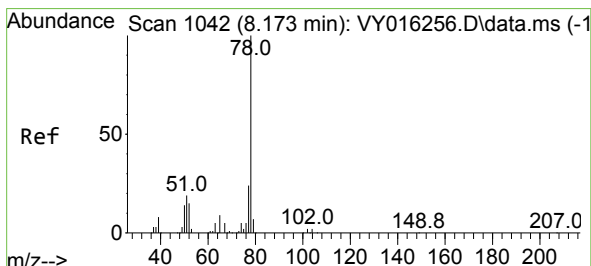
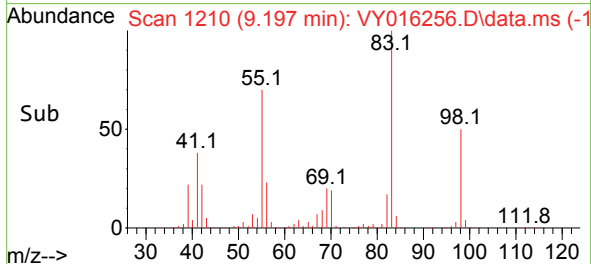
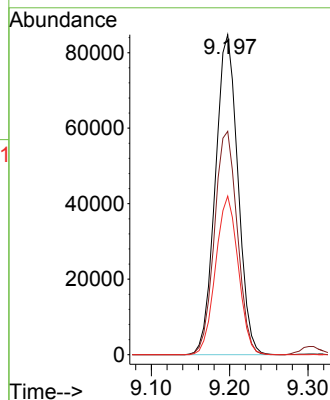
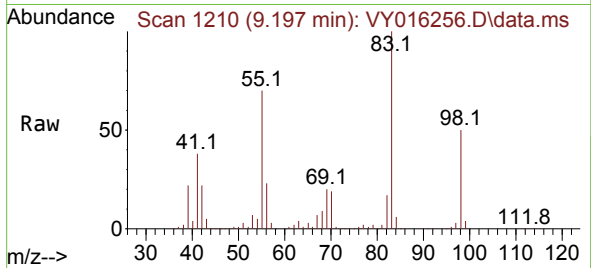




#39
Methylcyclohexane
Concen: 50.556 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

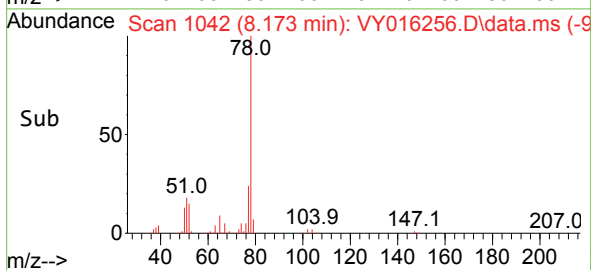
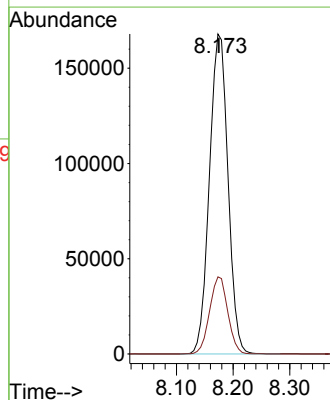
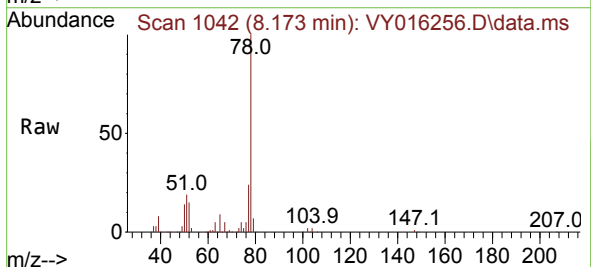
Instrument :
MSVOA_Y
ClientSampleId :

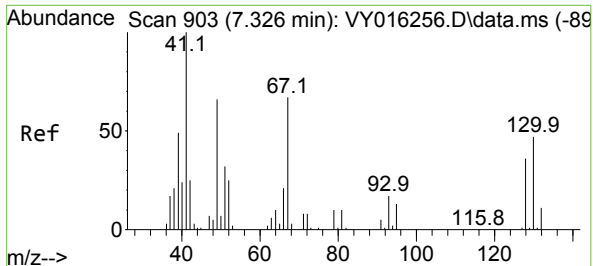
Tgt Ion: 83 Resp: 169585
Ion Ratio Lower Upper
83 100
55 69.8 63.0 94.4
98 49.5 37.4 56.2



#40
Benzene
Concen: 50.424 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 78 Resp: 381372
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

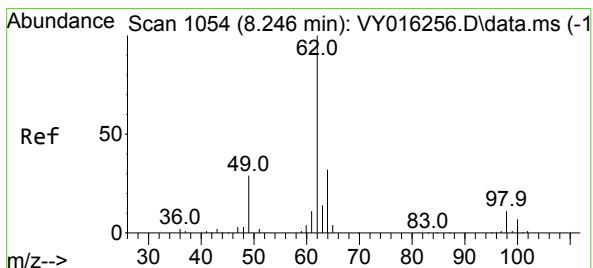
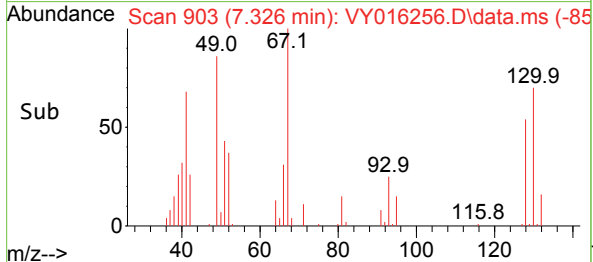
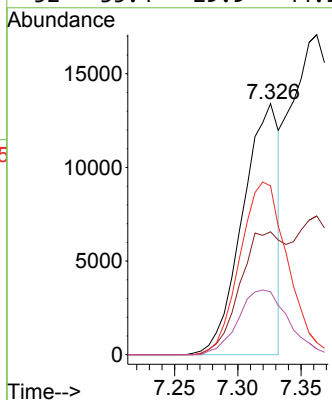
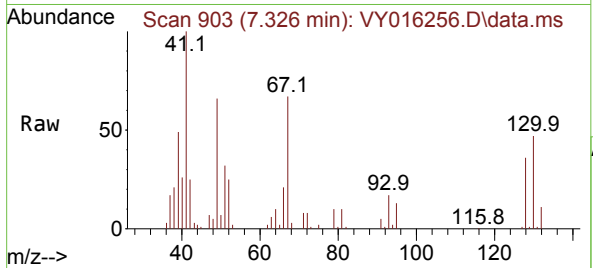




#41
Methacrylonitrile
Concen: 48.953 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

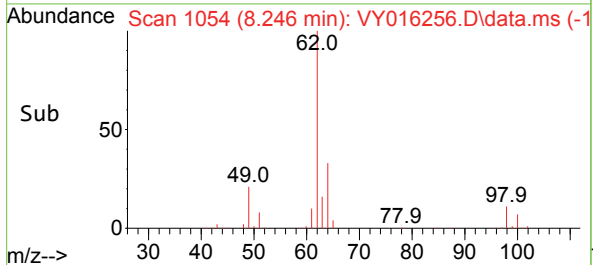
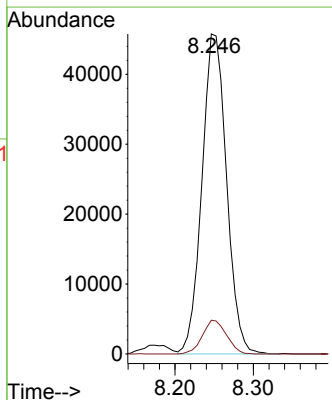
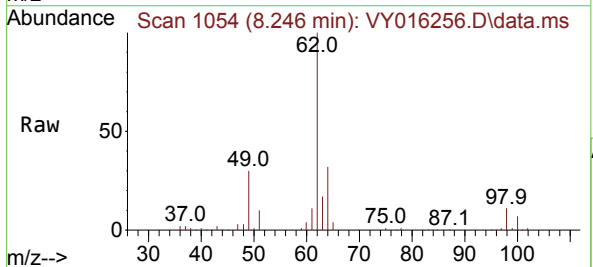
Instrument :
MSVOA_Y
ClientSampleId :

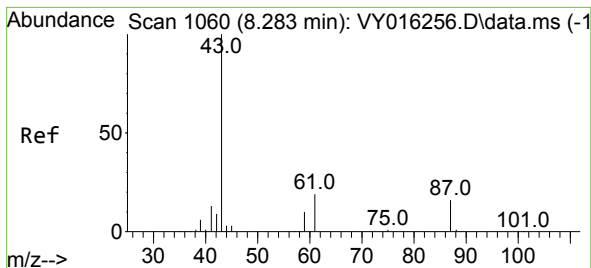
Tgt Ion: 41 Resp: 26848
Ion Ratio Lower Upper
41 100
39 60.5 52.1 78.1
67 90.0 66.2 99.2
52 35.4 29.9 44.9



#42
1,2-Dichloroethane
Concen: 51.019 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 62 Resp: 99981
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 51.766 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

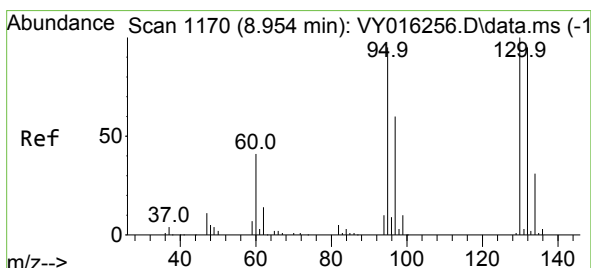
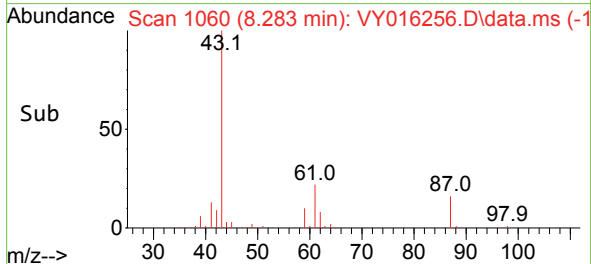
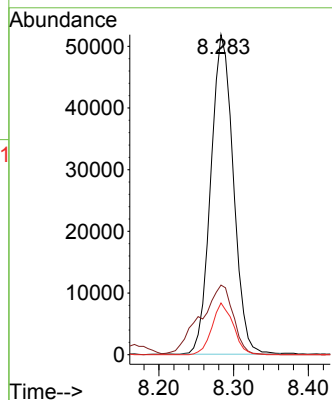
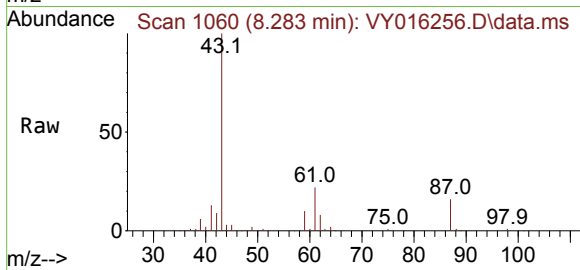
Tgt Ion: 43 Resp: 108839

Ion Ratio Lower Upper

43 100

61 31.2 21.1 31.7

87 15.3 9.8 14.8#



#44

Trichloroethene

Concen: 49.818 ug/l

RT: 8.954 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VY016256.D

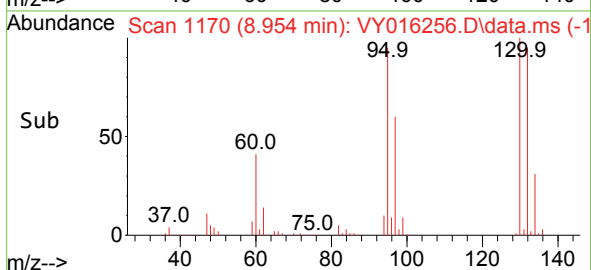
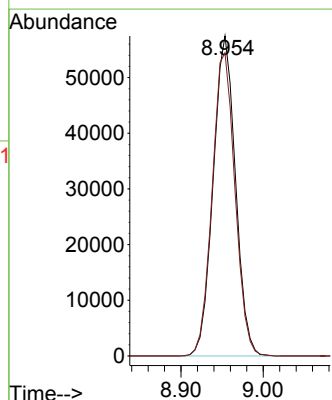
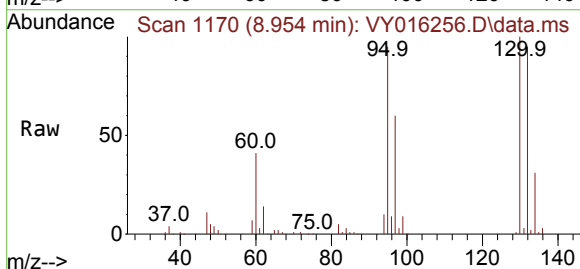
Acq: 08 Nov 2023 10:12

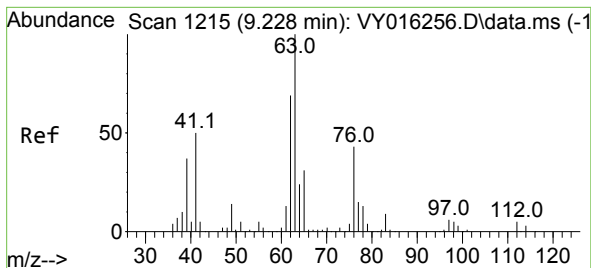
Tgt Ion:130 Resp: 108289

Ion Ratio Lower Upper

130 100

95 94.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.247 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

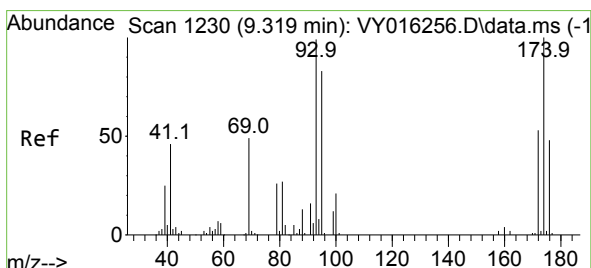
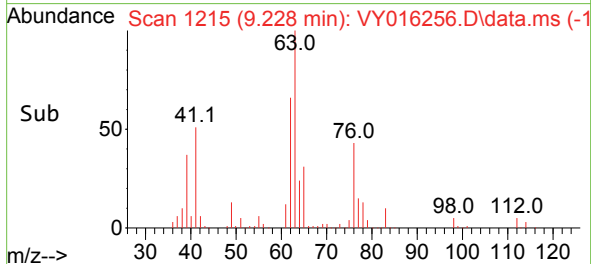
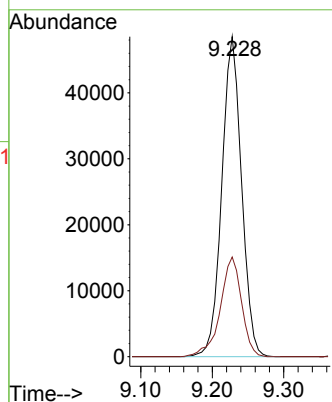
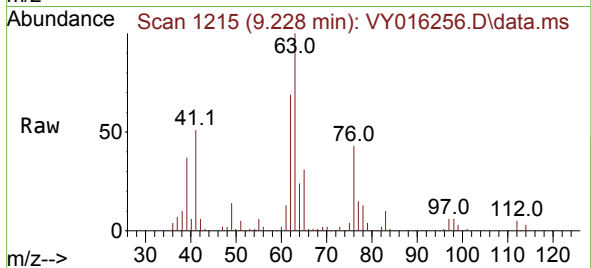
ClientSampleId :

Tgt Ion: 63 Resp: 93086

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.6



#46

Dibromomethane

Concen: 51.276 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

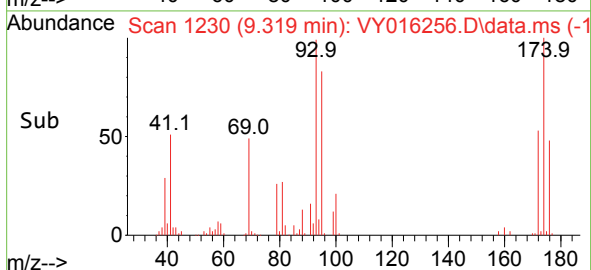
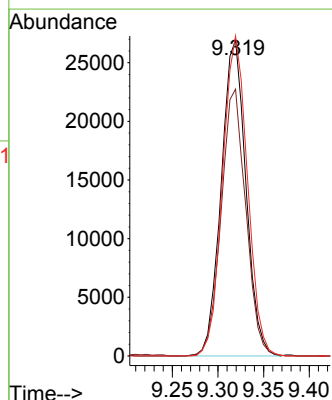
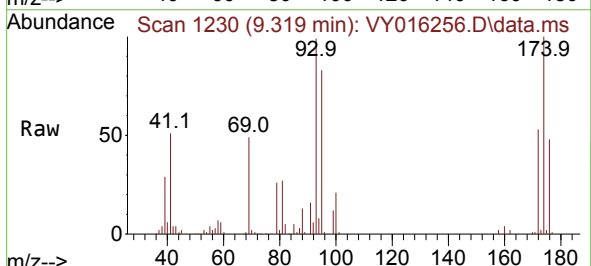
Tgt Ion: 93 Resp: 50472

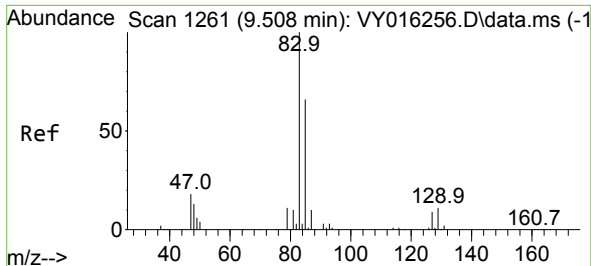
Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

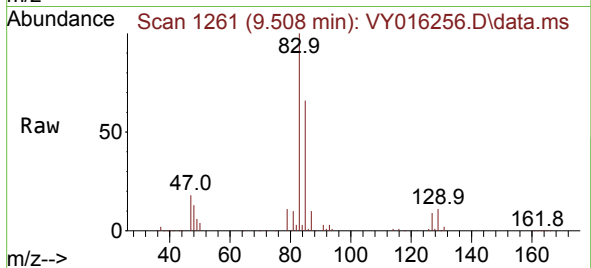
174 102.1 84.8 127.2



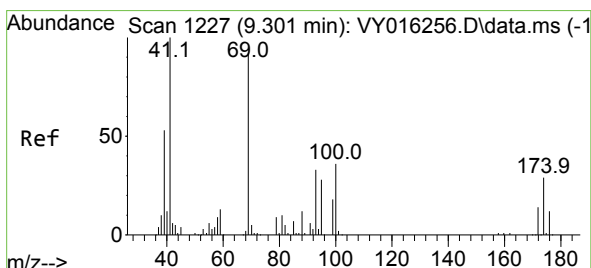
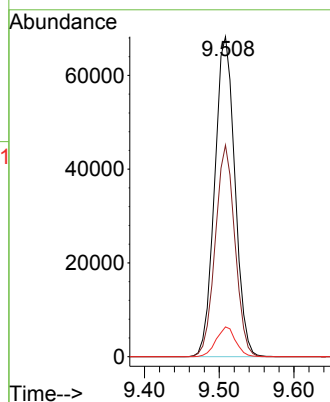
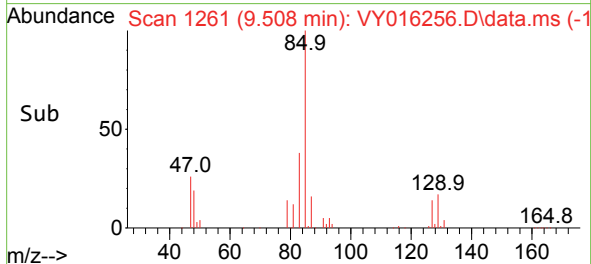


#47
Bromodichloromethane
Concen: 50.682 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

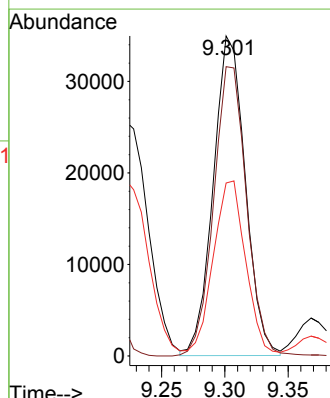
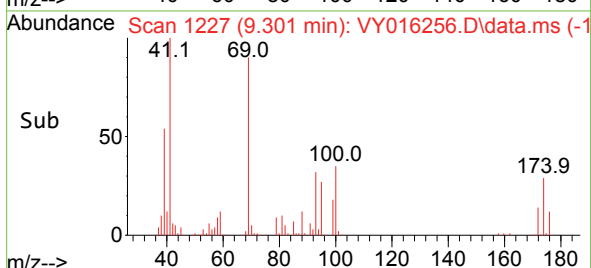
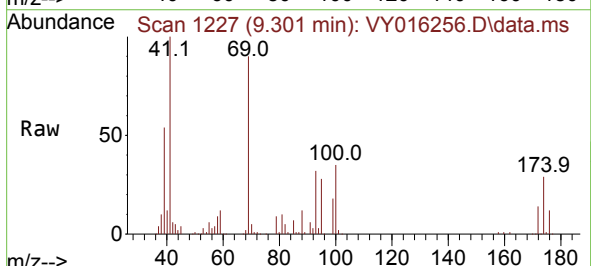


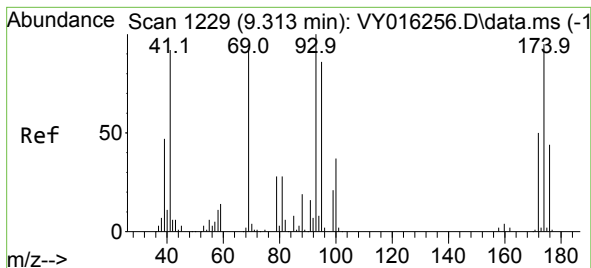
Tgt Ion: 83 Resp: 128254
Ion Ratio Lower Upper
83 100
85 66.1 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 52.926 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 41 Resp: 61500
Ion Ratio Lower Upper
41 100
69 93.1 64.5 96.7
39 53.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1054.743 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

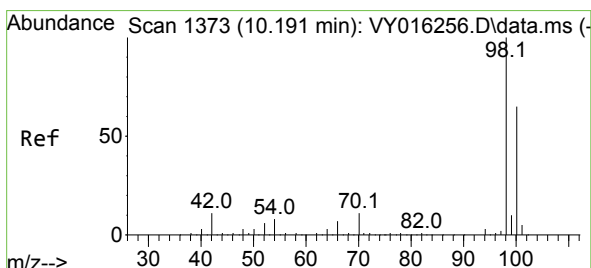
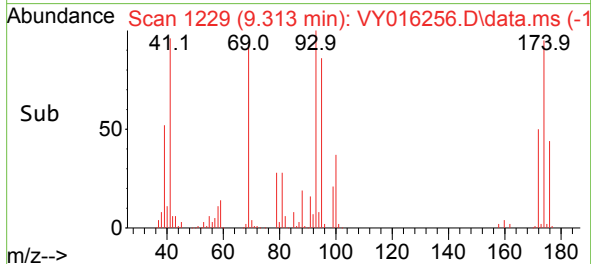
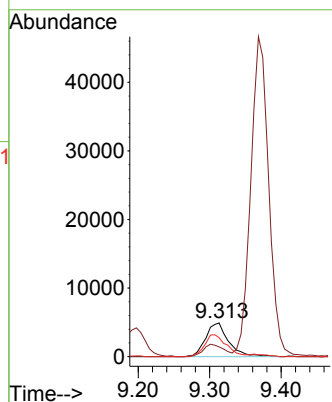
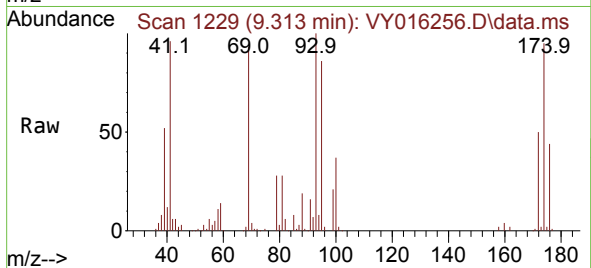
Tgt Ion: 88 Resp: 11022

Ion Ratio Lower Upper

88 100

43 33.2 0.0 0.0#

58 61.9 30.9 46.3#



#50

Toluene-d8

Concen: 49.621 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016256.D

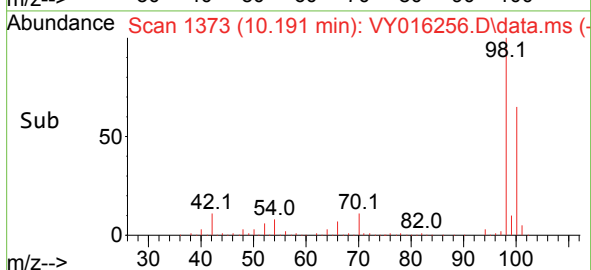
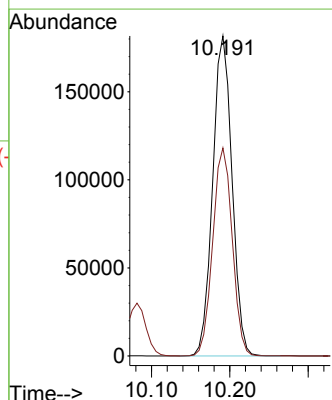
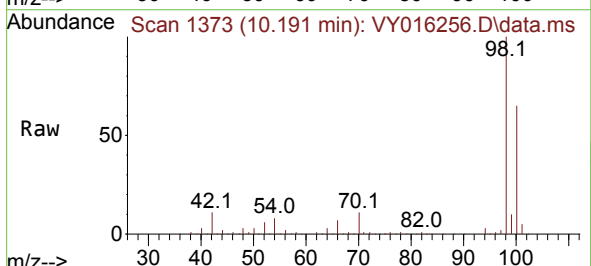
Acq: 08 Nov 2023 10:12

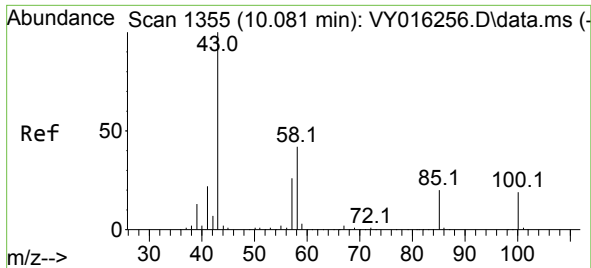
Tgt Ion: 98 Resp: 311962

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

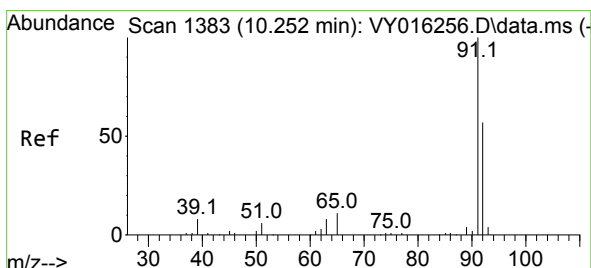
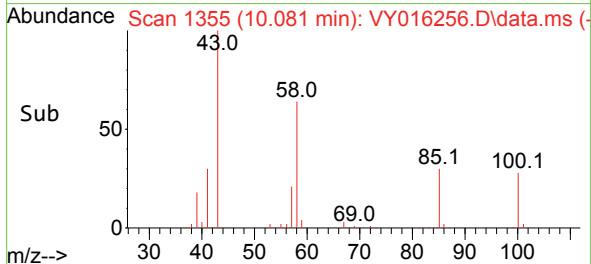
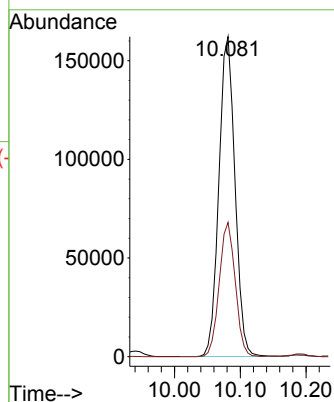
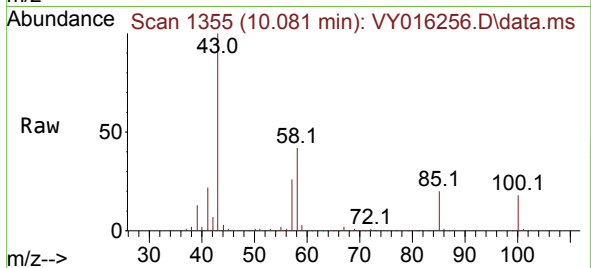




#51
4-Methyl-2-Pentanone
Concen: 260.031 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

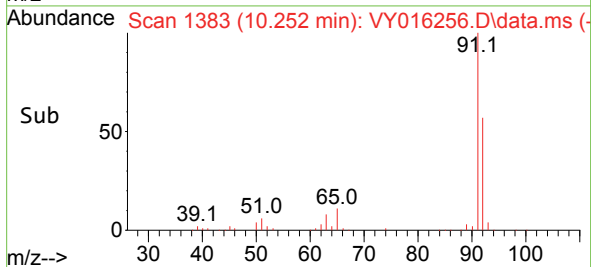
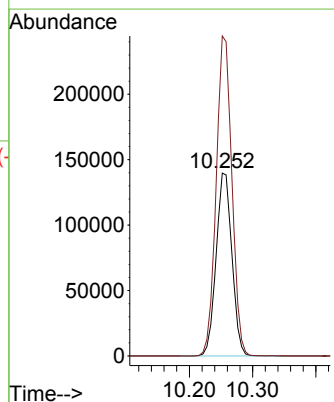
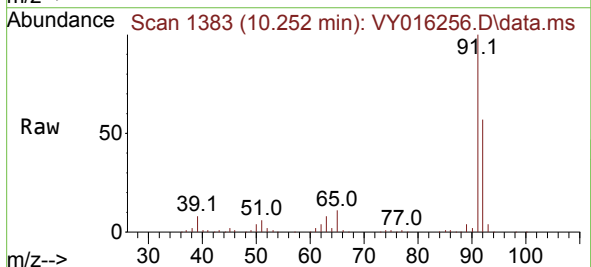
Instrument :
MSVOA_Y
ClientSampleId :

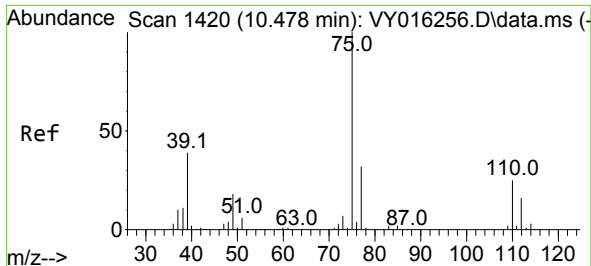
Tgt Ion: 43 Resp: 276465
Ion Ratio Lower Upper
43 100
58 41.7 29.0 43.6



#52
Toluene
Concen: 50.567 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 92 Resp: 241759
Ion Ratio Lower Upper
92 100
91 174.2 143.8 215.6

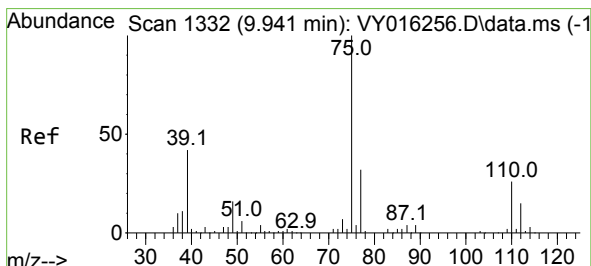
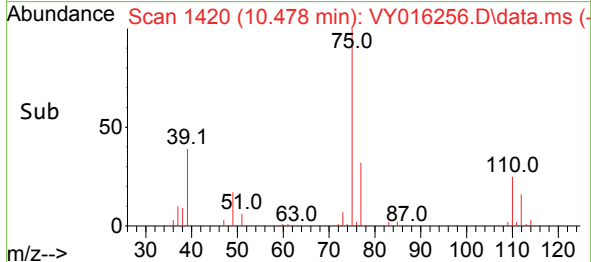
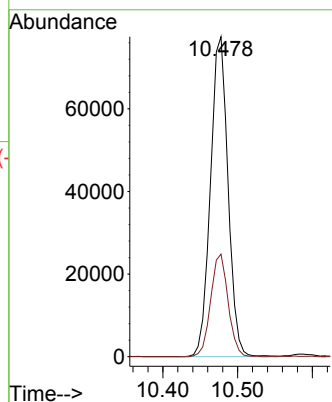
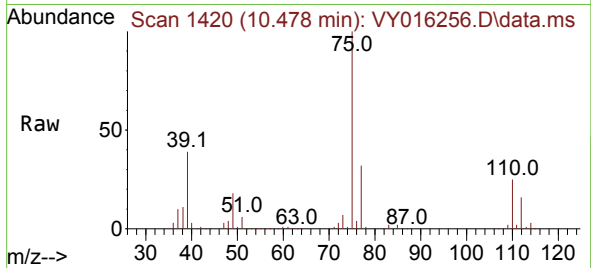




#53
 t-1,3-Dichloropropene
 Concen: 51.666 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY016256.D
 Acq: 08 Nov 2023 10:12

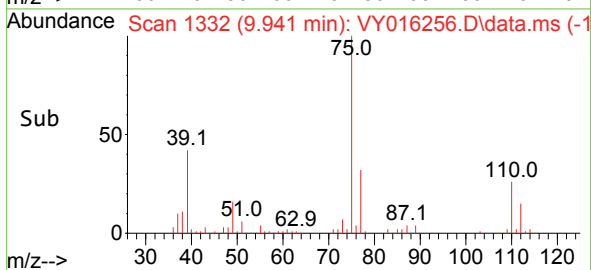
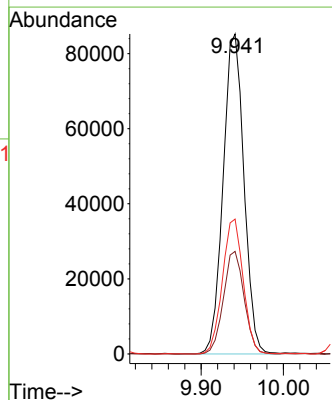
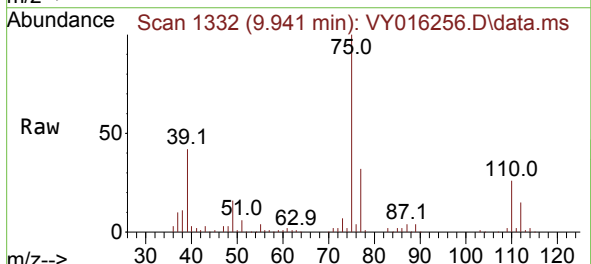
Instrument :
 MSVOA_Y
 ClientSampleId :

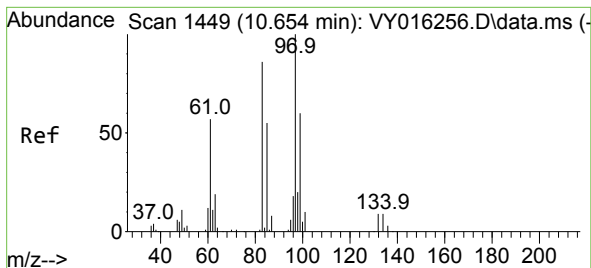
Tgt Ion: 75 Resp: 126747
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.349 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY016256.D
 Acq: 08 Nov 2023 10:12

Tgt Ion: 75 Resp: 150456
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 42.1 42.2 63.4#

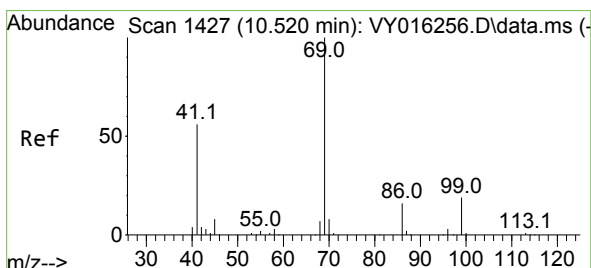
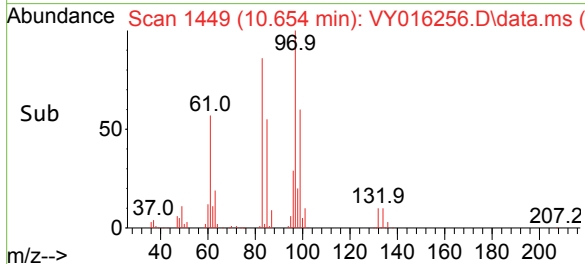
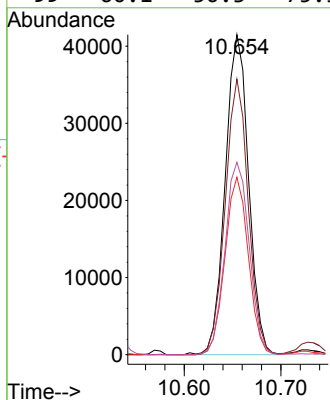
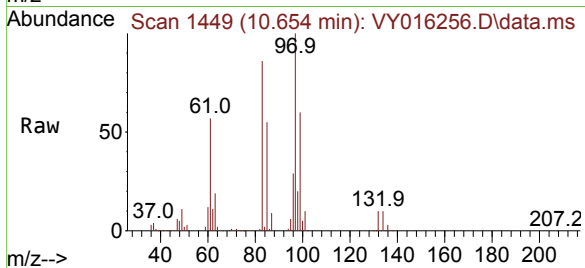




#55
1,1,2-Trichloroethane
Concen: 51.369 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

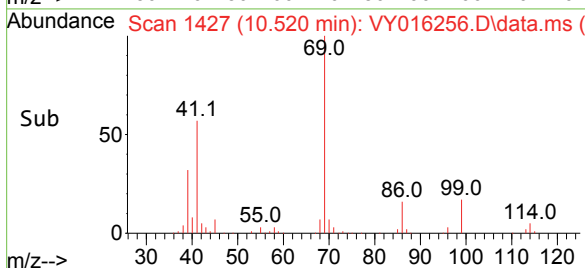
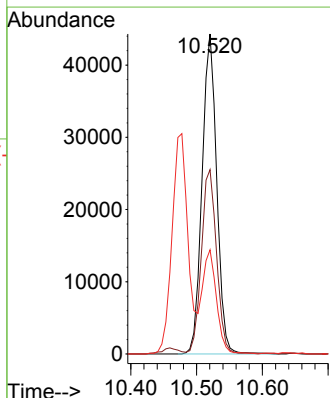
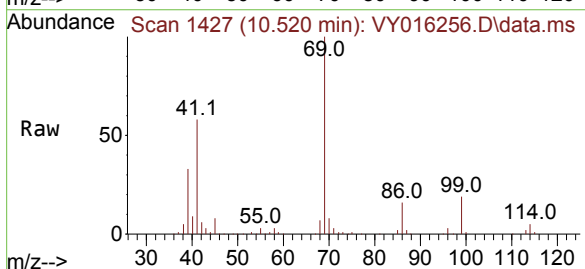
Instrument :
MSVOA_Y
ClientSampleId :

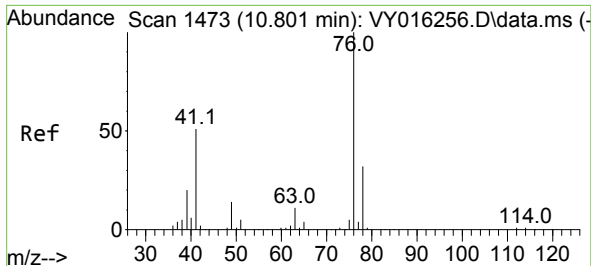
Tgt Ion:	97	Resp:	69692
Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.0	108.0
85	55.4	45.4	68.0
99	60.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.562 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion:	69	Resp:	68595
Ion	Ratio	Lower	Upper
69	100		
41	59.0	57.6	86.4
39	30.6	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 51.997 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

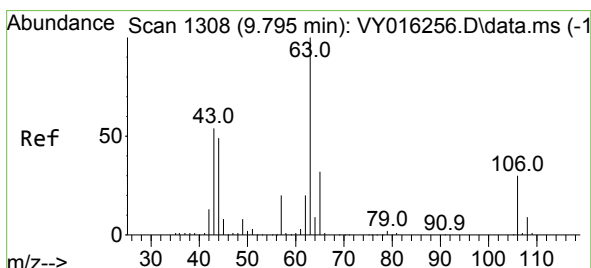
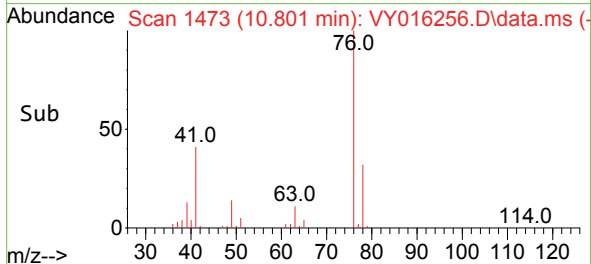
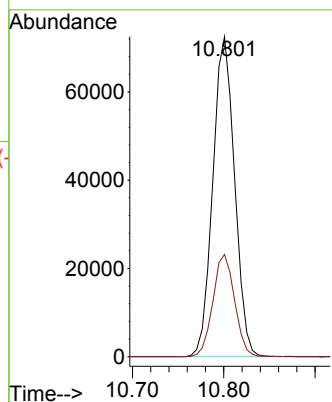
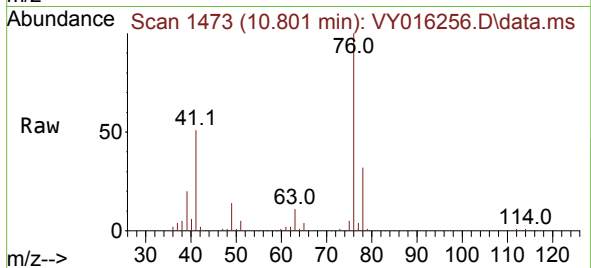
ClientSampleId :

Tgt Ion: 76 Resp: 120248

Ion Ratio Lower Upper

76 100

78 31.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 278.562 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.000 min

Lab File: VY016256.D

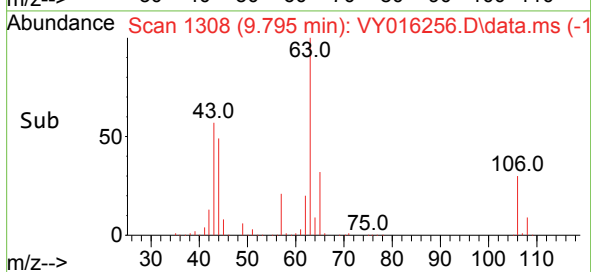
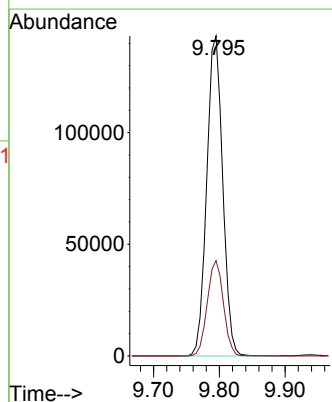
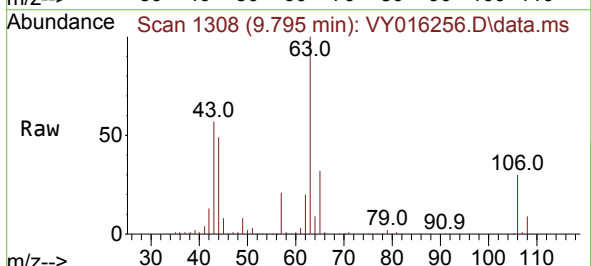
Acq: 08 Nov 2023 10:12

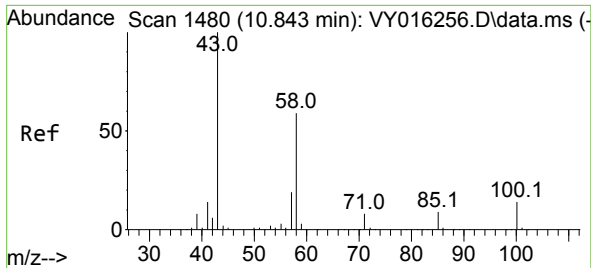
Tgt Ion: 63 Resp: 241898

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

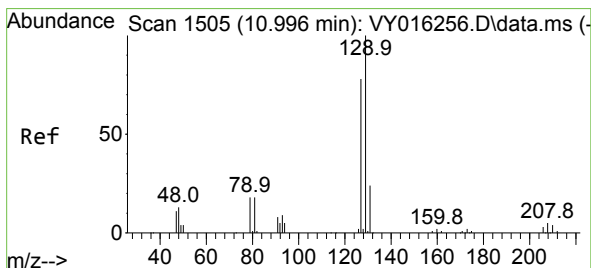
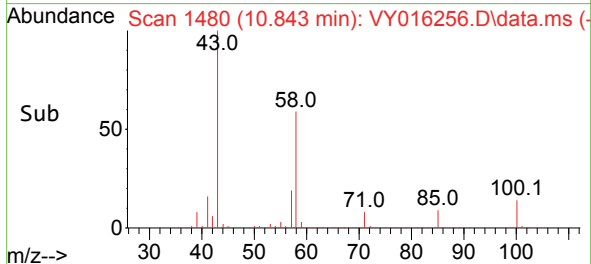
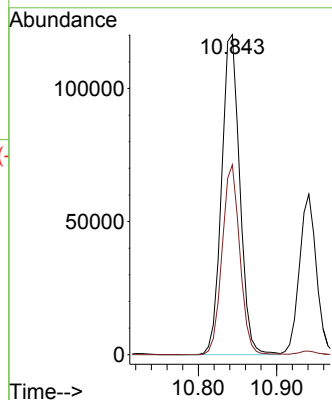
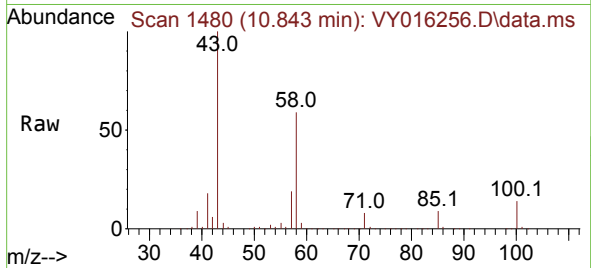




#59
2-Hexanone
Concen: 245.643 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

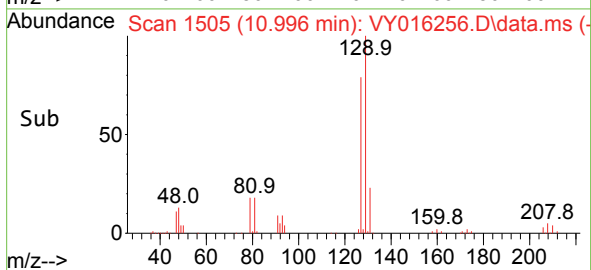
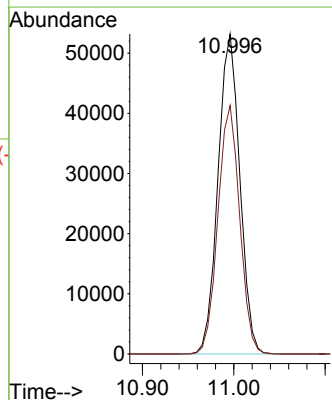
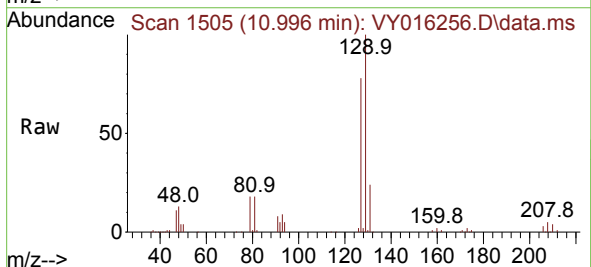
Instrument :
MSVOA_Y
ClientSampleId :

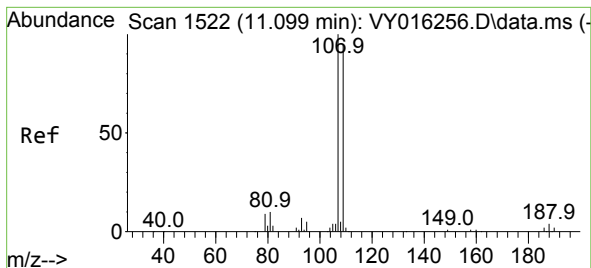
Tgt Ion: 43 Resp: 194262
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3



#60
Dibromochloromethane
Concen: 51.981 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 129 Resp: 88199
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

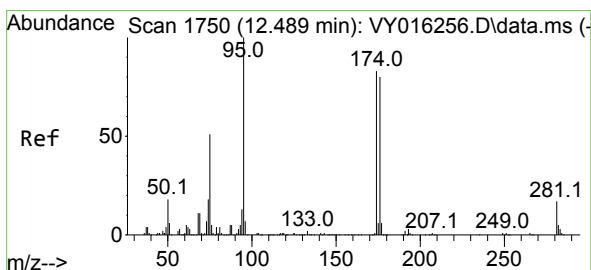
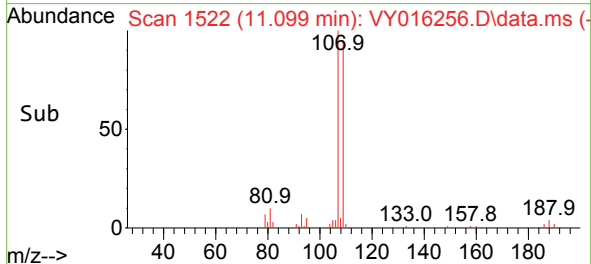
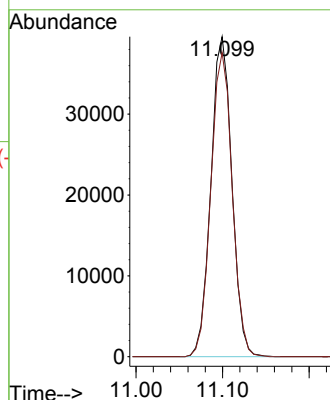
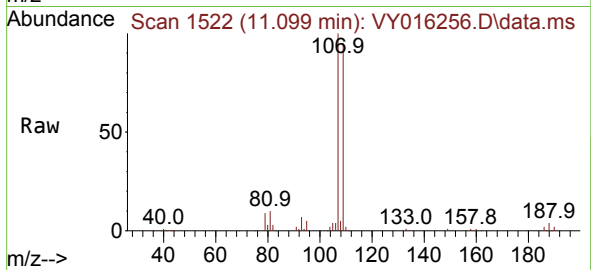




#61
1,2-Dibromoethane
Concen: 51.587 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

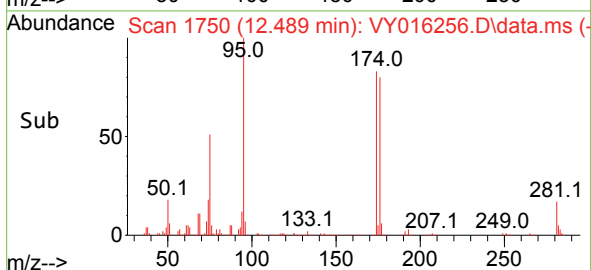
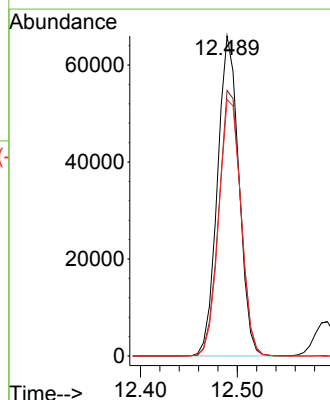
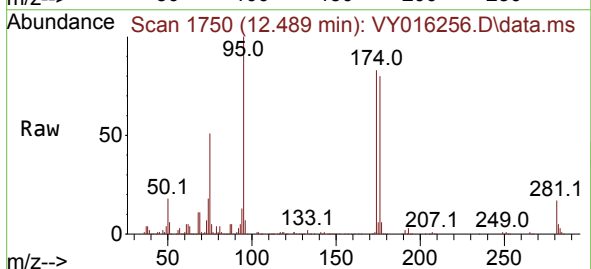
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 66677
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.618 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 95 Resp: 101316
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 83.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

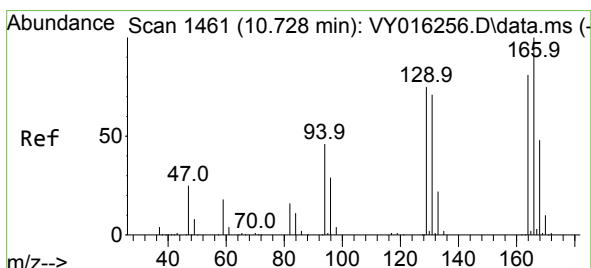
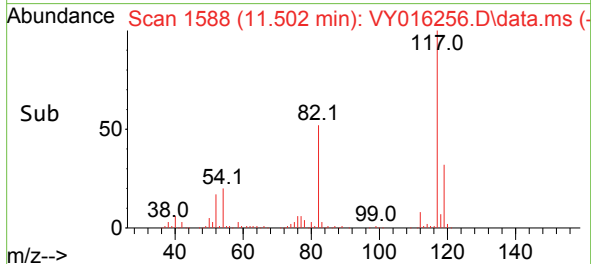
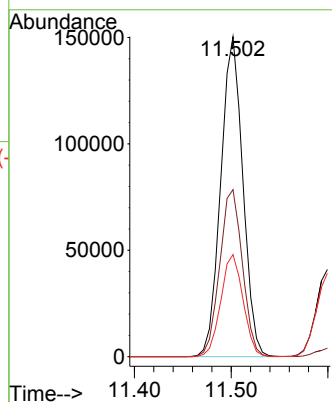
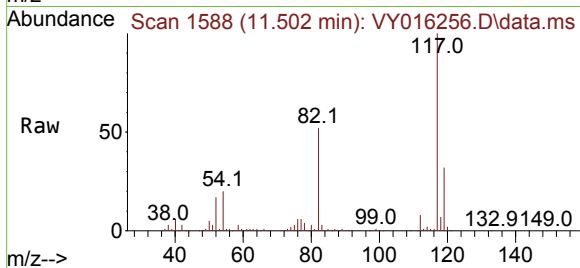
Tgt Ion:117 Resp: 238083

Ion Ratio Lower Upper

117 100

82 52.2 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 50.401 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Tgt Ion:164 Resp: 107745

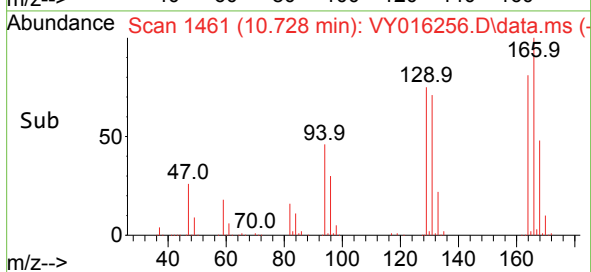
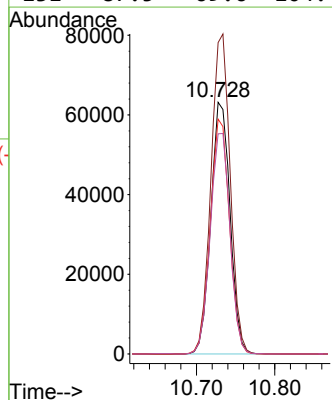
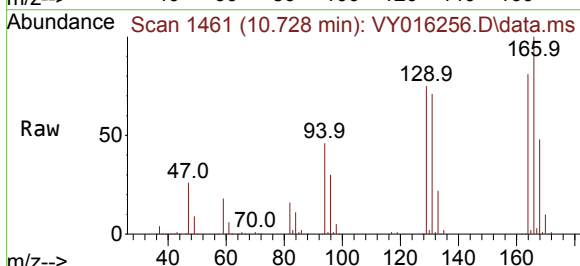
Ion Ratio Lower Upper

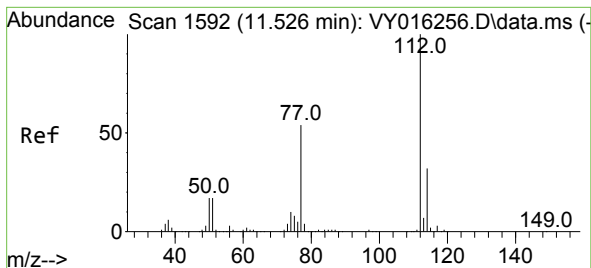
164 100

166 123.7 103.0 154.6

129 93.4 77.2 115.8

131 87.5 69.6 104.4





#65

Chlorobenzene

Concen: 50.020 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

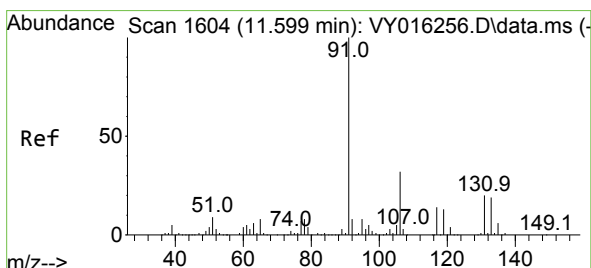
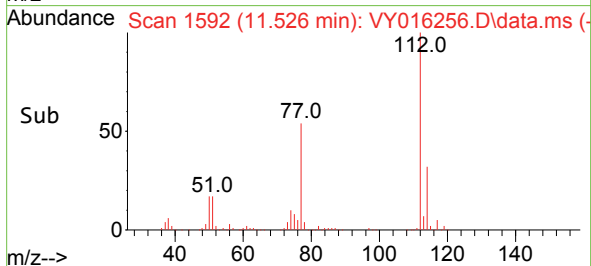
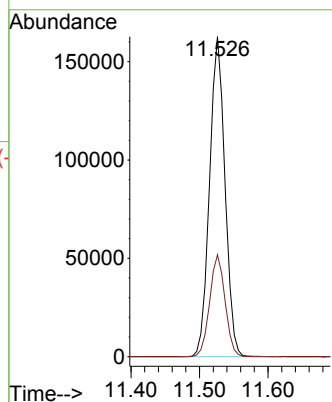
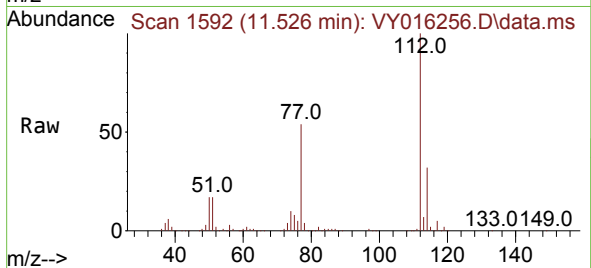
ClientSampleId :

Tgt Ion:112 Resp: 254438

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.485 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

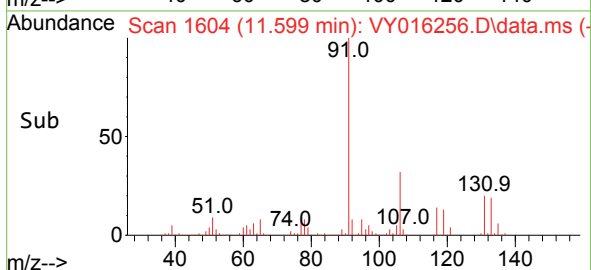
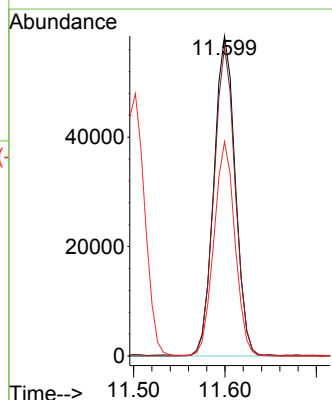
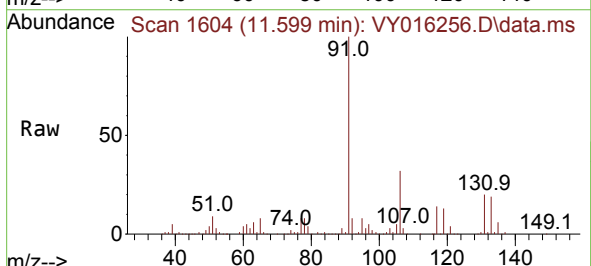
Tgt Ion:131 Resp: 94717

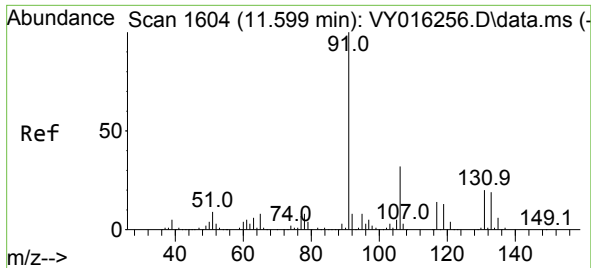
Ion Ratio Lower Upper

131 100

133 96.2 47.5 142.6

119 66.1 31.6 94.7

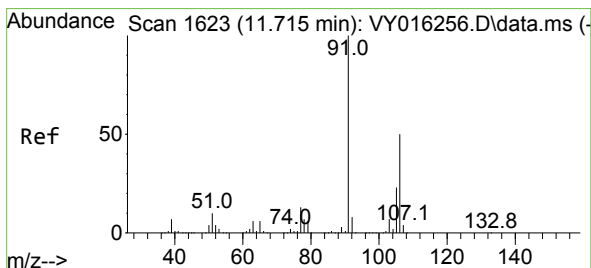
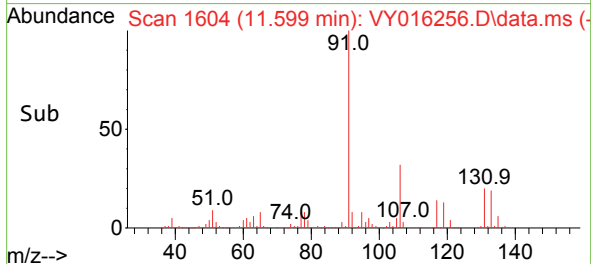
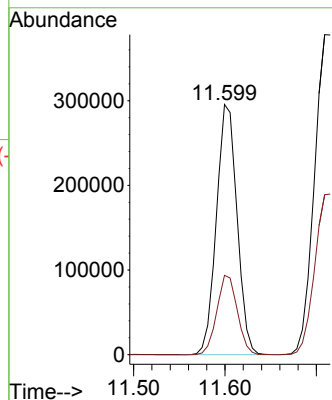
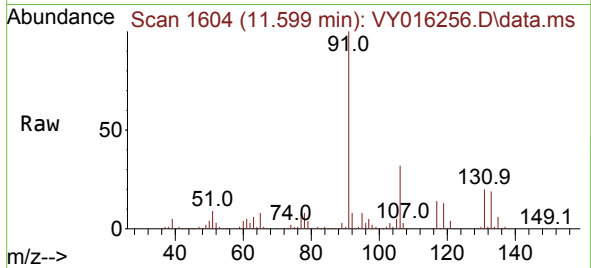




#67
Ethyl Benzene
Concen: 50.753 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

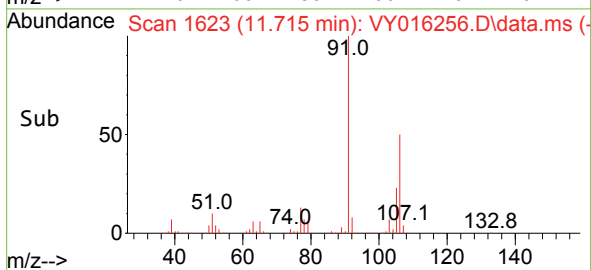
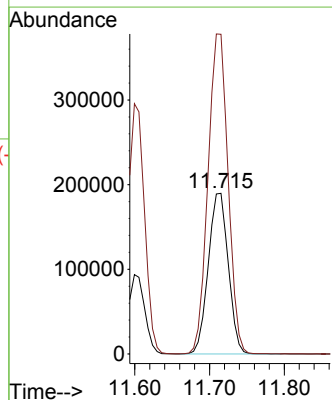
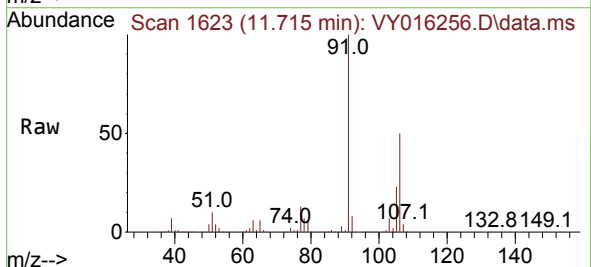
Instrument :
MSVOA_Y
ClientSampleId :

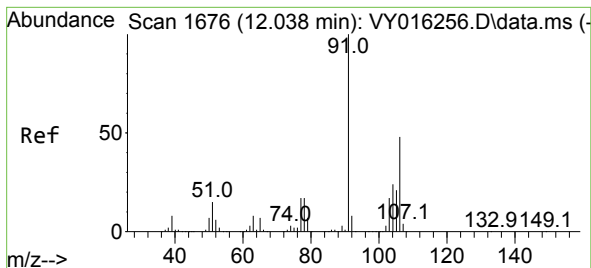
Tgt Ion: 91 Resp: 463961
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 101.782 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion:106 Resp: 352913
Ion Ratio Lower Upper
106 100
91 199.9 166.1 249.1





#69

o-Xylene

Concen: 51.938 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

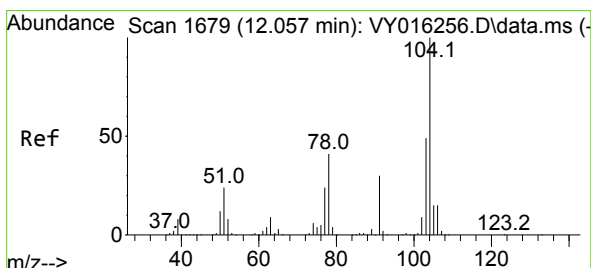
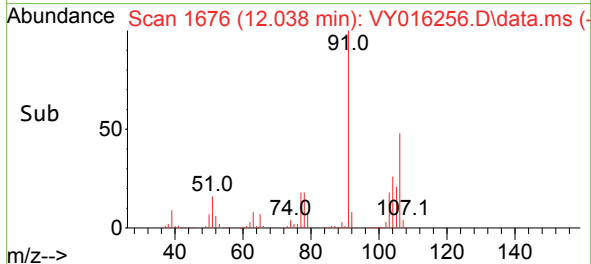
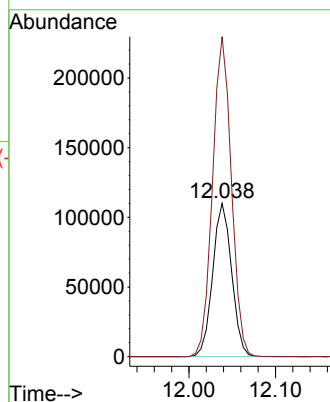
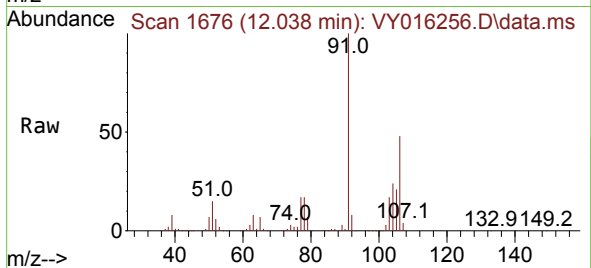
ClientSampleId :

Tgt Ion:106 Resp: 167202

Ion Ratio Lower Upper

106 100

91 207.7 108.1 324.3



#70

Styrene

Concen: 51.731 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

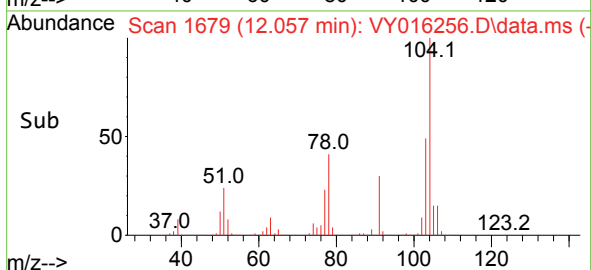
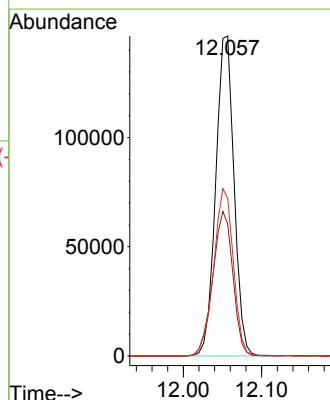
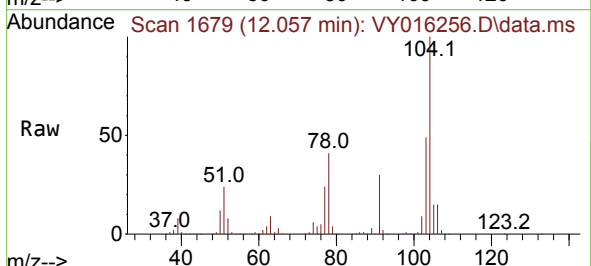
Tgt Ion:104 Resp: 238466

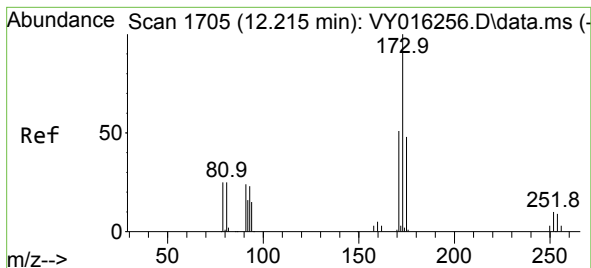
Ion Ratio Lower Upper

104 100

78 49.5 41.5 62.3

103 56.0 44.6 67.0





#71

Bromoform

Concen: 51.729 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

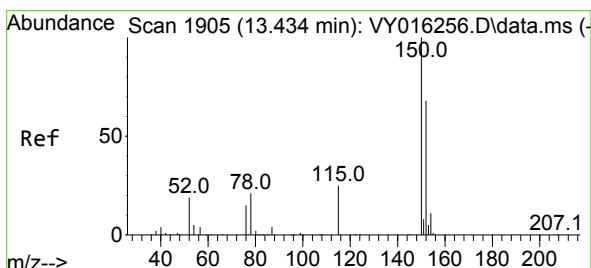
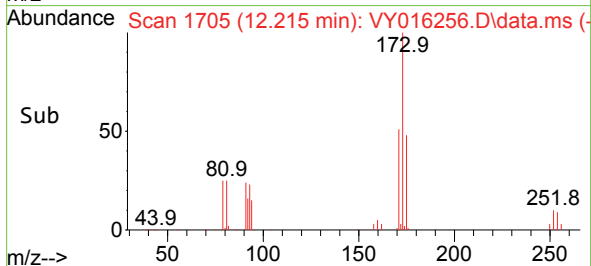
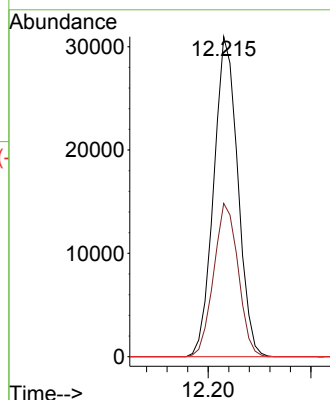
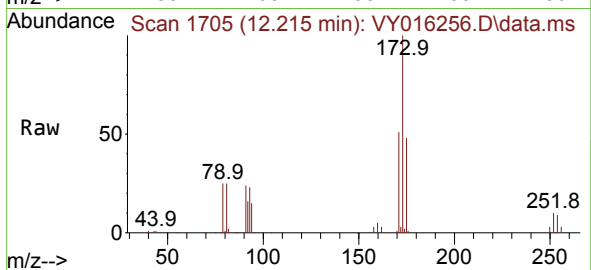
Tgt Ion:173 Resp: 50359

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

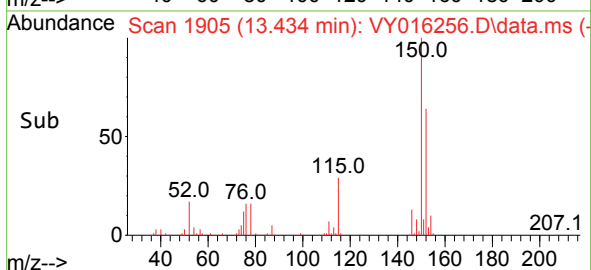
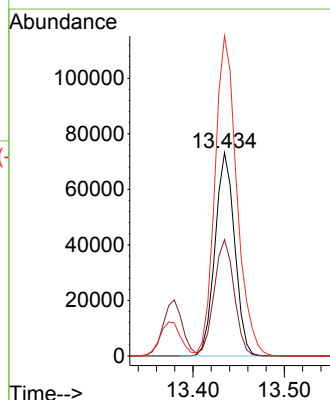
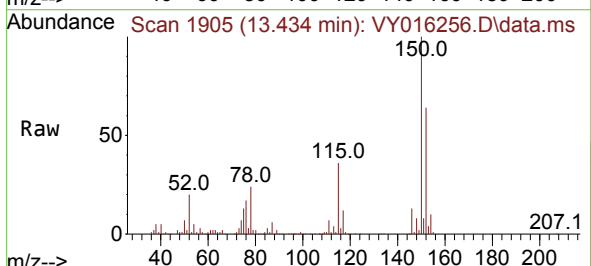
Tgt Ion:152 Resp: 109249

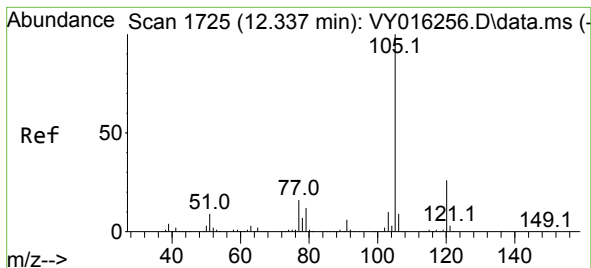
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 175.9 0.0 348.8





#73

Isopropylbenzene

Concen: 50.575 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

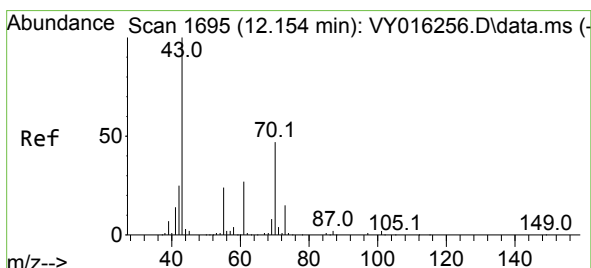
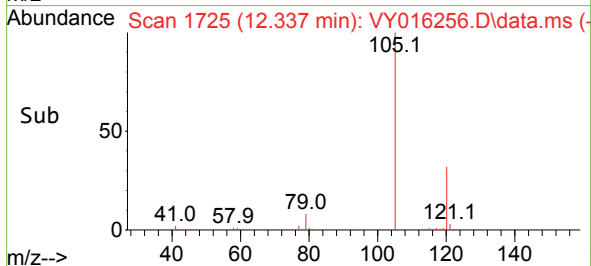
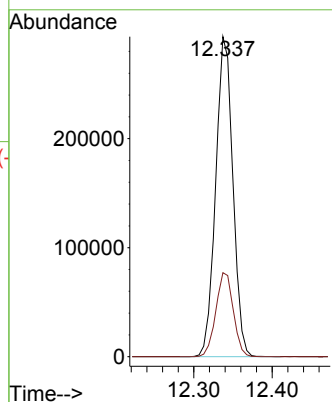
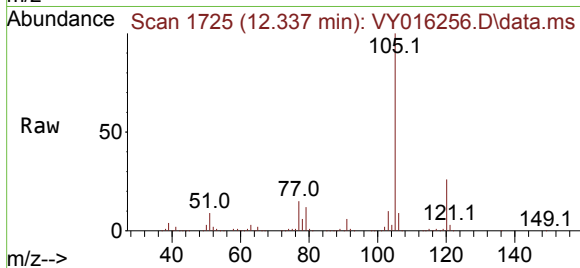
ClientSampleId :

Tgt Ion:105 Resp: 447428

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 52.976 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Tgt Ion: 43 Resp: 94139

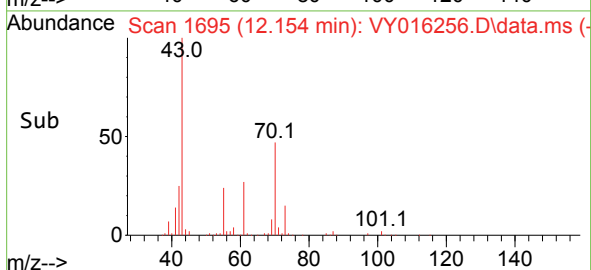
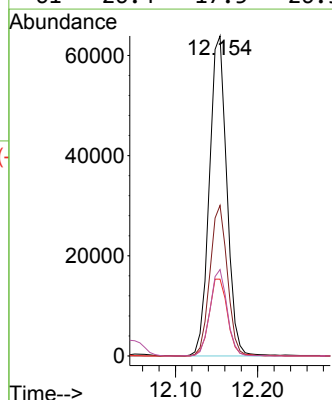
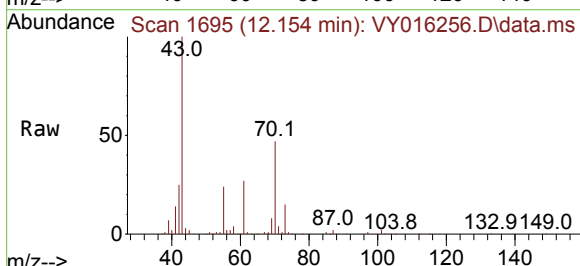
Ion Ratio Lower Upper

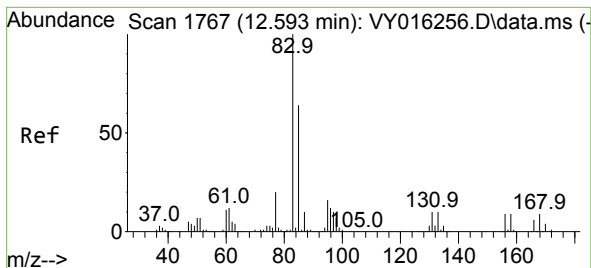
43 100

70 47.1 29.7 44.5#

55 25.1 18.3 27.5

61 26.4 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.678 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

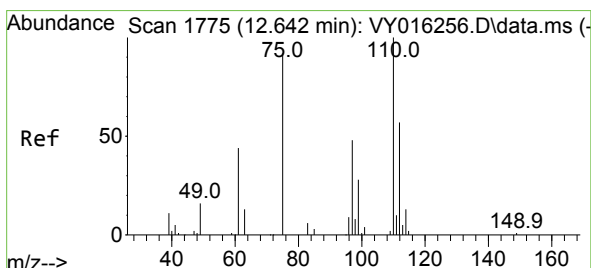
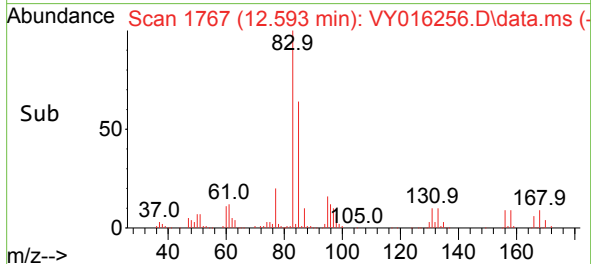
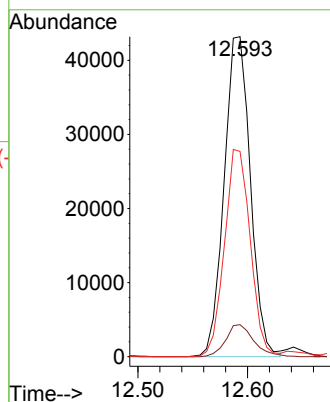
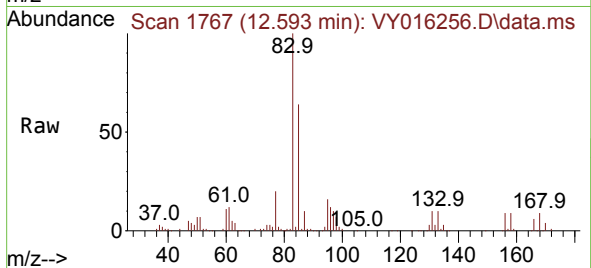
Tgt Ion: 83 Resp: 71942

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 87.456 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016256.D

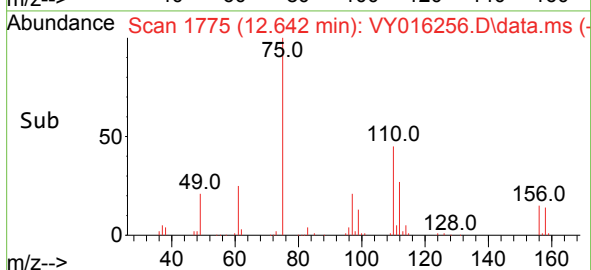
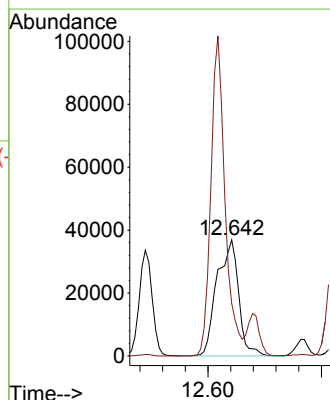
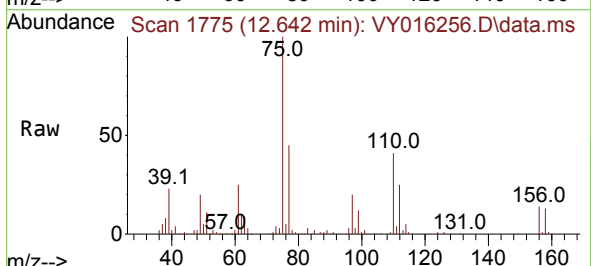
Acq: 08 Nov 2023 10:12

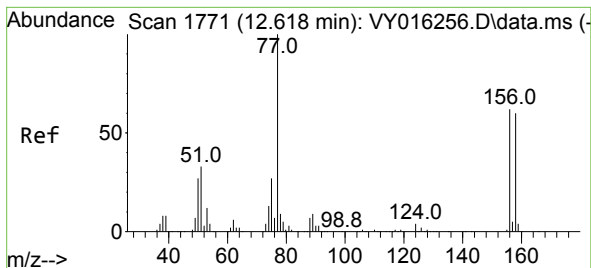
Tgt Ion: 75 Resp: 97785

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.058 ug/l

RT: 12.618 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

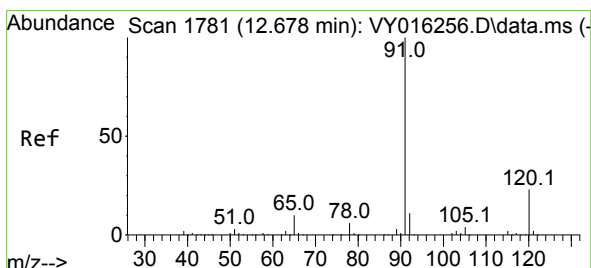
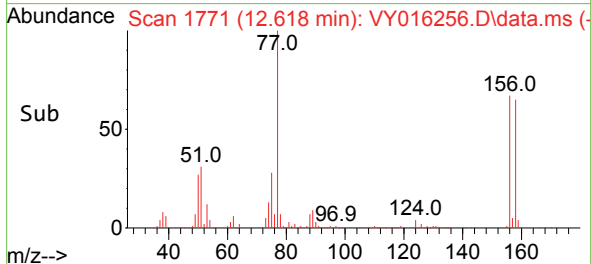
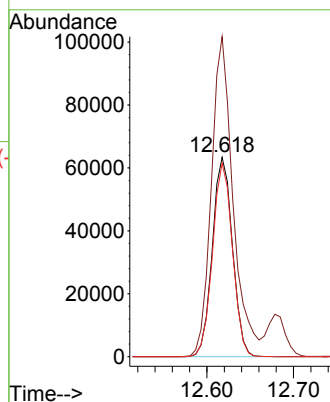
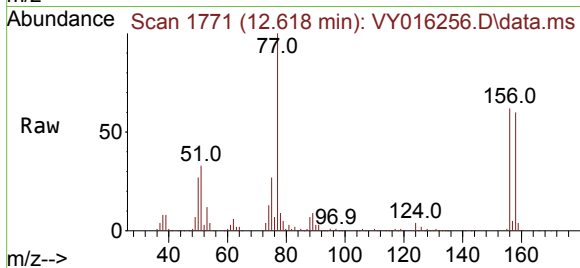
Tgt Ion:156 Resp: 102090

Ion Ratio Lower Upper

156 100

77 173.0 92.8 278.6

158 96.1 48.4 145.3



#78

n-propylbenzene

Concen: 50.555 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016256.D

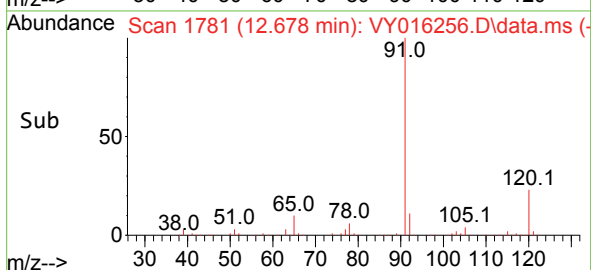
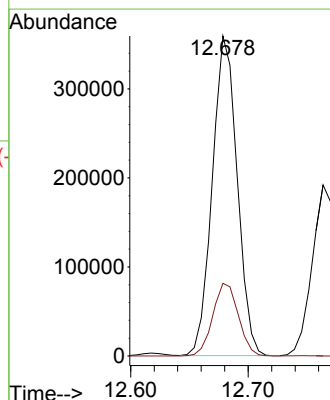
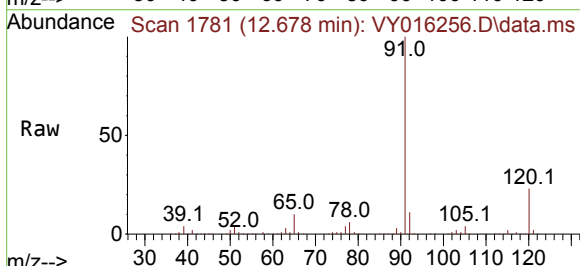
Acq: 08 Nov 2023 10:12

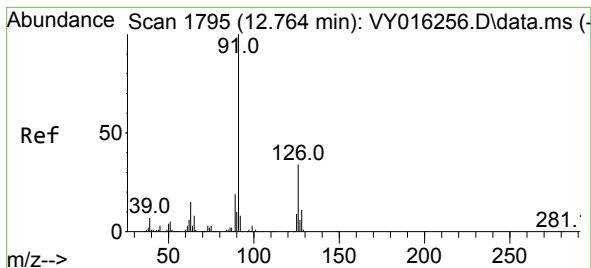
Tgt Ion: 91 Resp: 528549

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

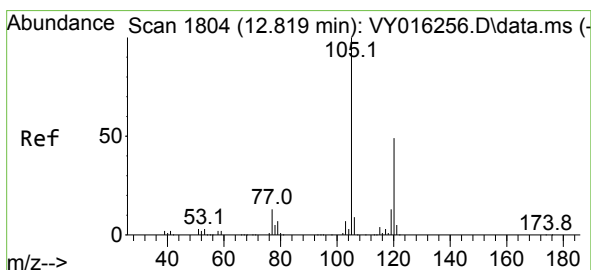
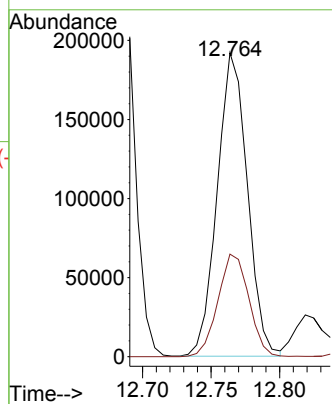
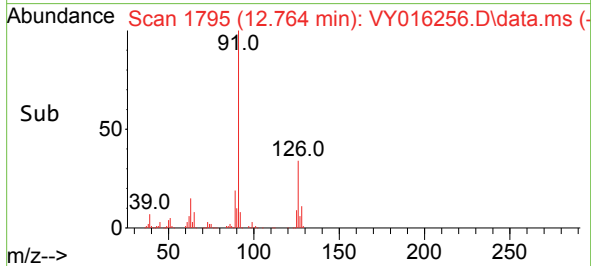
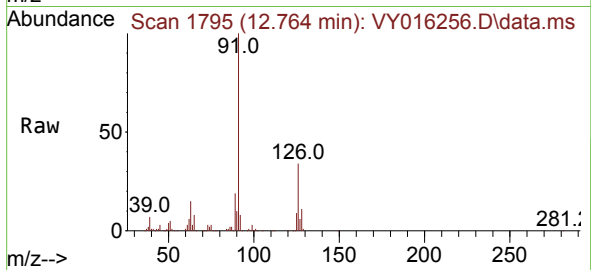




#79
2-Chlorotoluene
Concen: 51.013 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

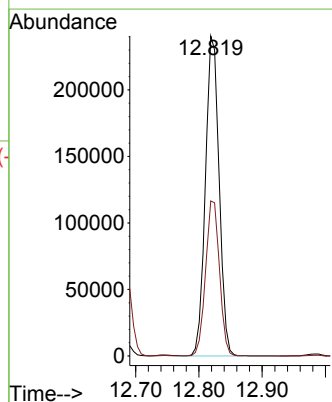
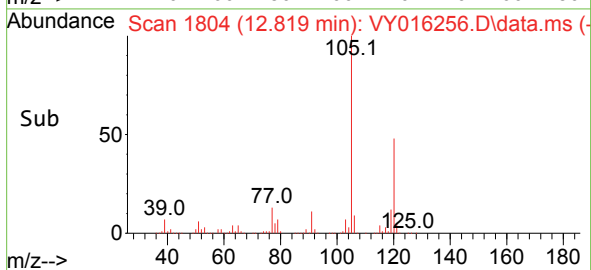
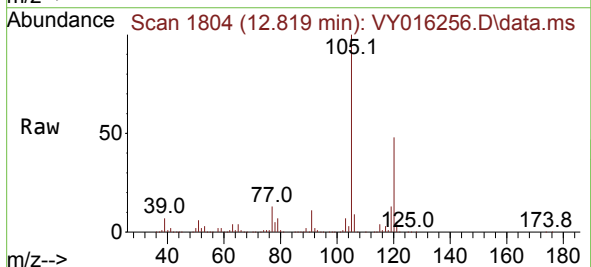
Instrument :
MSVOA_Y
ClientSampleId :

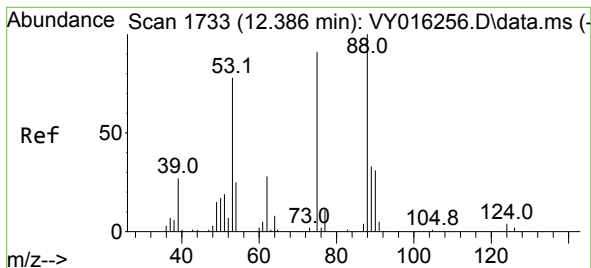
Tgt Ion: 91 Resp: 293923
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.970 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion: 105 Resp: 363553
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

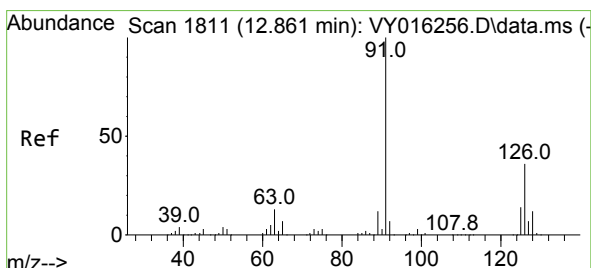
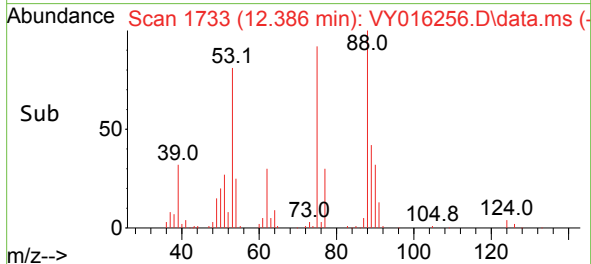
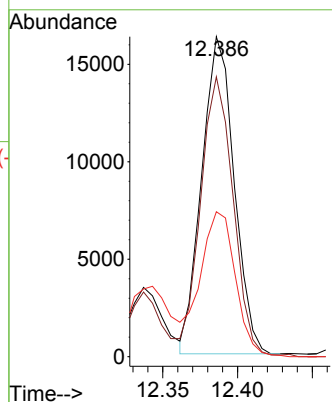
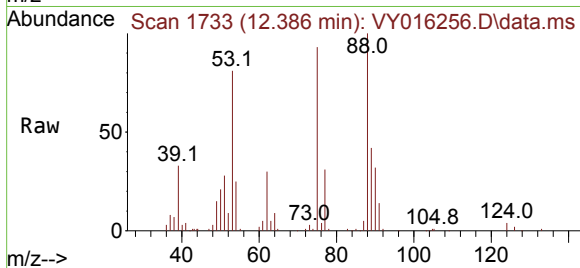




#81
trans-1,4-Dichloro-2-butene
Concen: 50.797 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

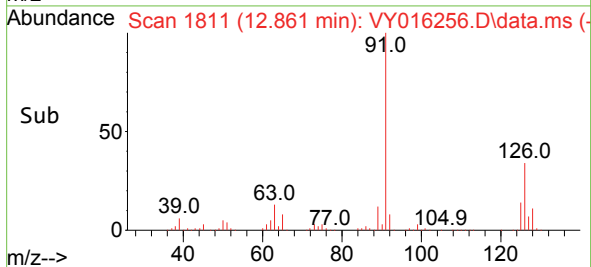
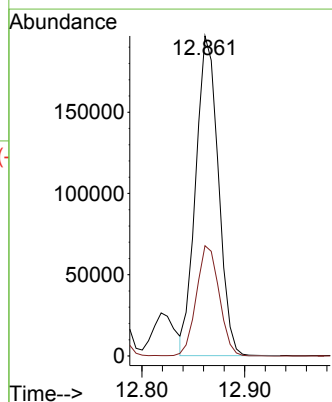
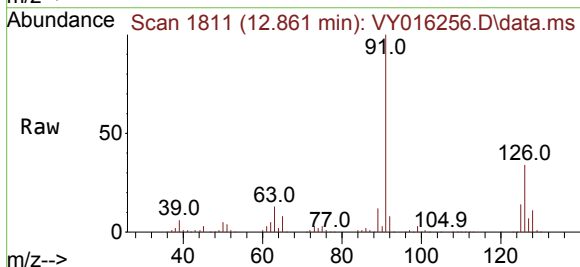
Instrument :
MSVOA_Y
ClientSampleId :

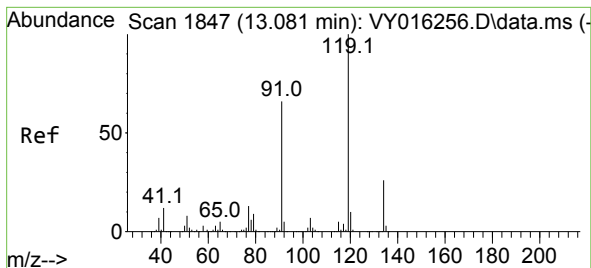
Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.4	77.8	116.8
89	50.0	37.4	56.0



#82
4-Chlorotoluene
Concen: 50.412 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016256.D
Acq: 08 Nov 2023 10:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.2	51.6





#83

tert-Butylbenzene

Concen: 51.067 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

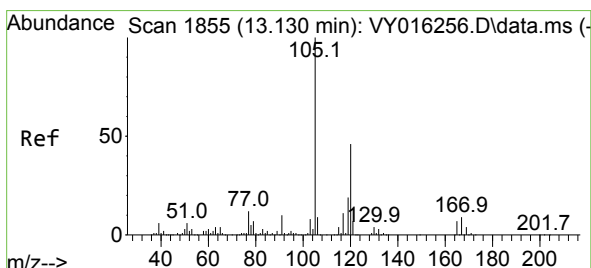
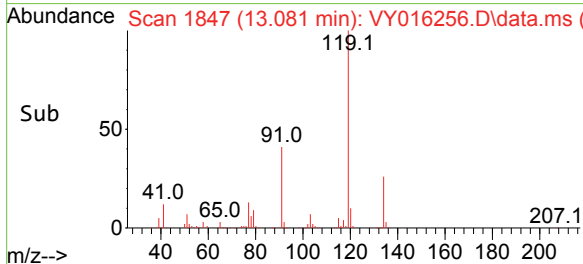
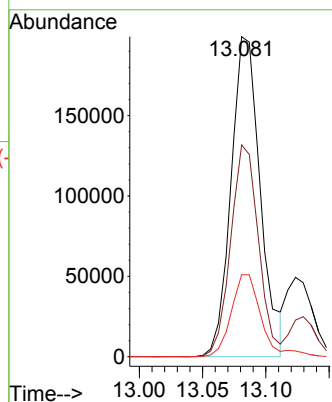
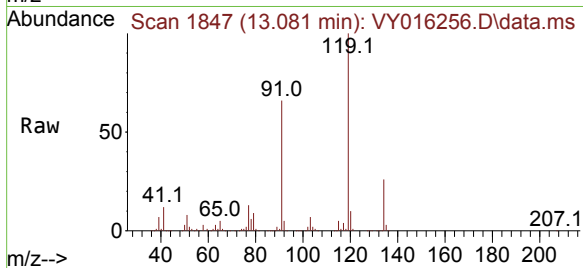
Tgt Ion:119 Resp: 320830

Ion Ratio Lower Upper

119 100

91 63.0 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.072 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016256.D

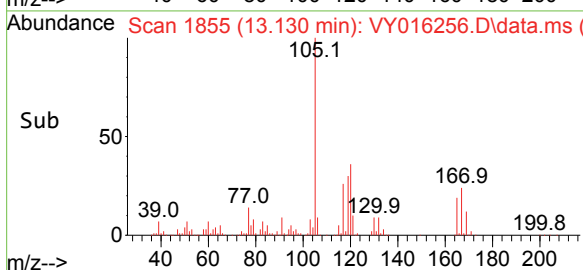
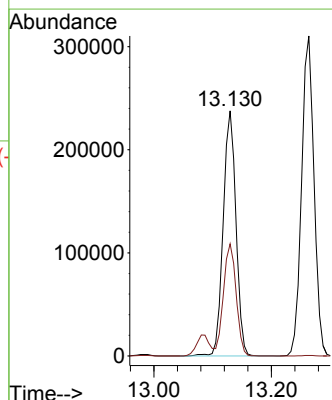
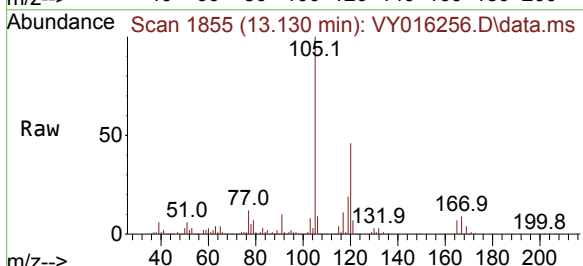
Acq: 08 Nov 2023 10:12

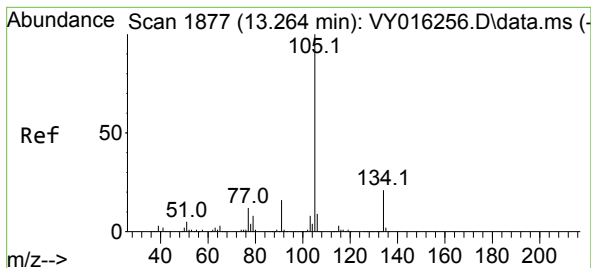
Tgt Ion:105 Resp: 358693

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.545 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

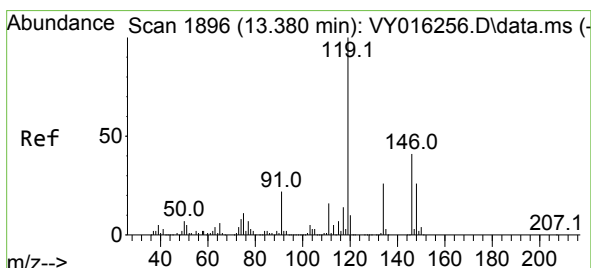
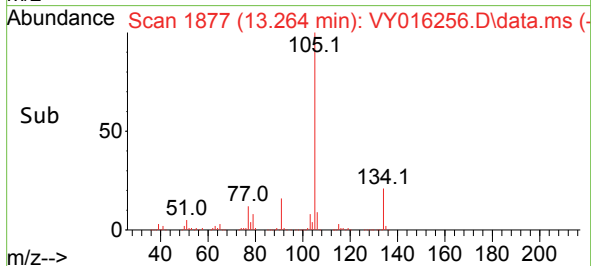
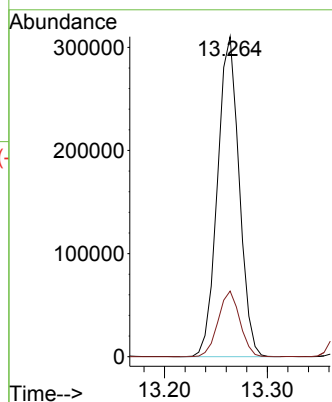
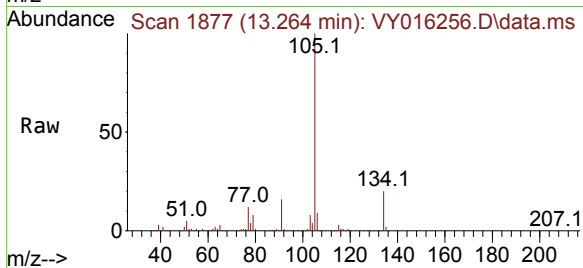
ClientSampleId :

Tgt Ion:105 Resp: 453666

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.105 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

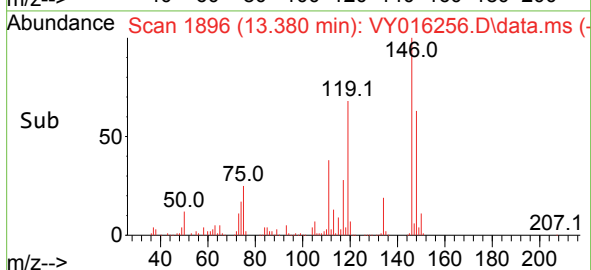
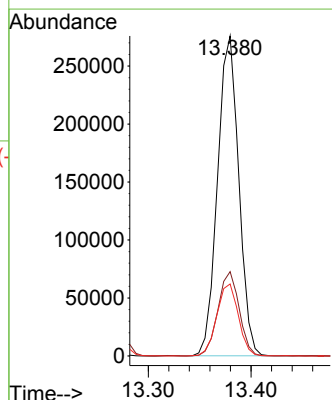
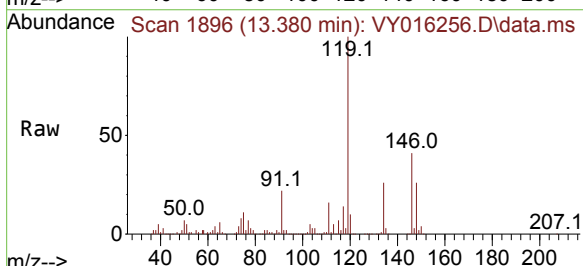
Tgt Ion:119 Resp: 394965

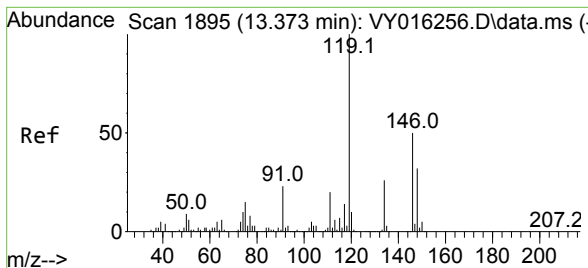
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.851 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

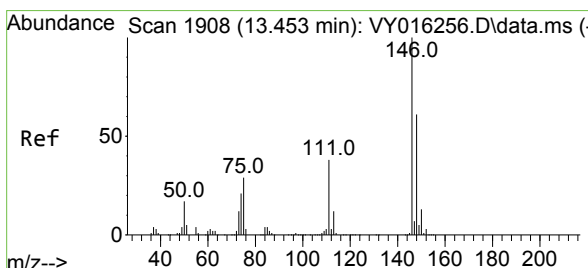
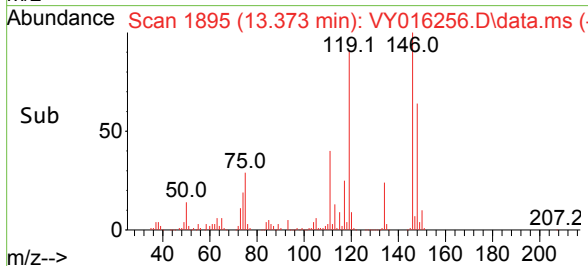
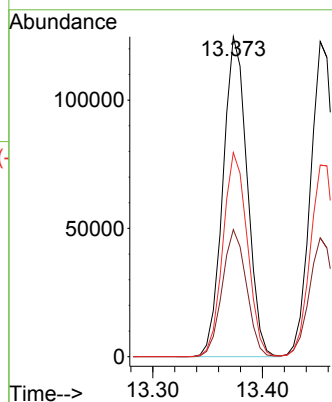
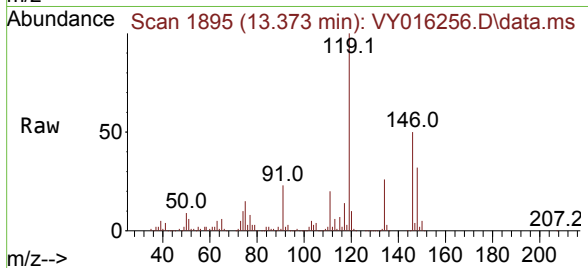
Tgt Ion:146 Resp: 191765

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.177 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

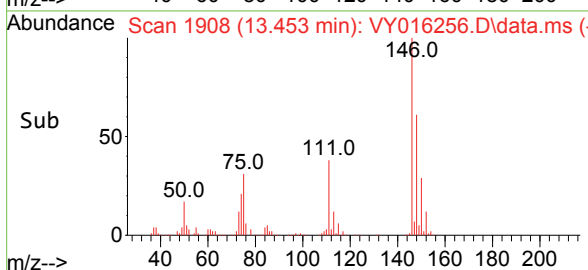
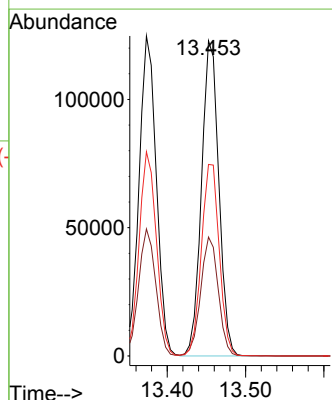
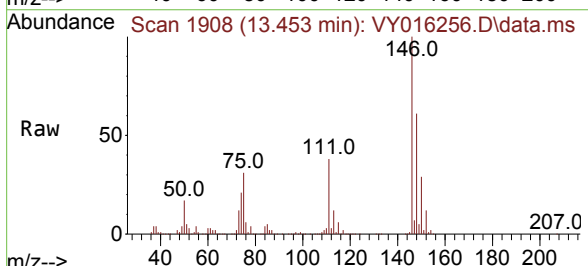
Tgt Ion:146 Resp: 188635

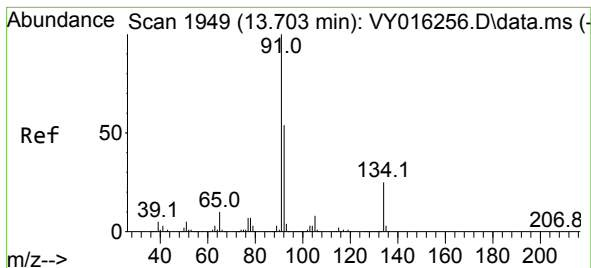
Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 51.591 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

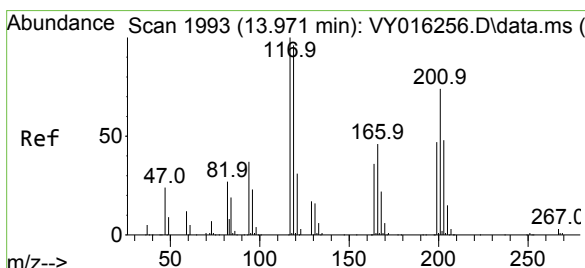
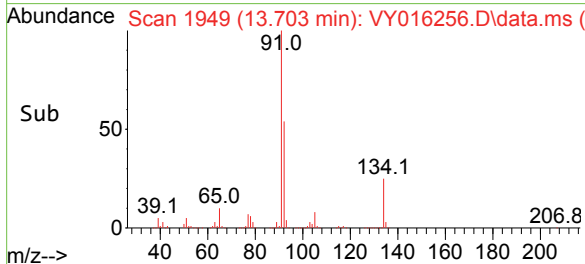
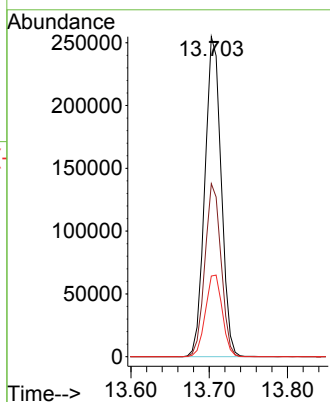
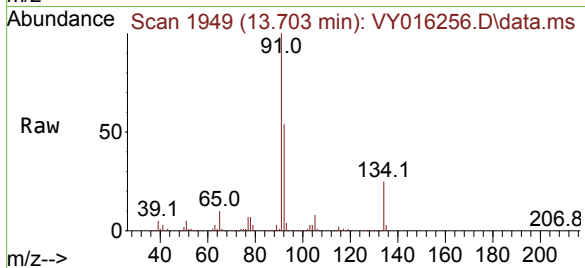
Tgt Ion: 91 Resp: 368226

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 50.105 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016256.D

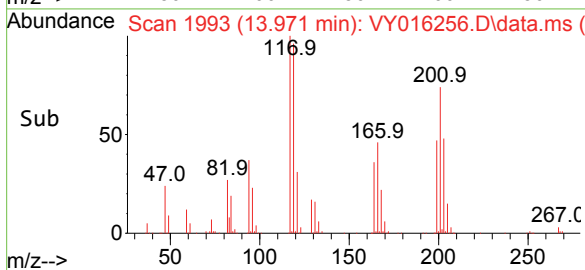
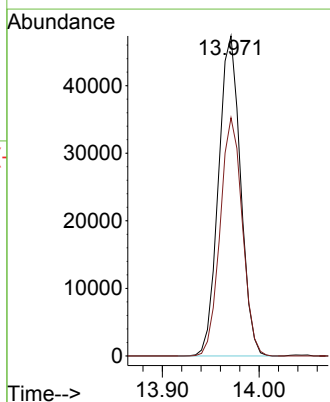
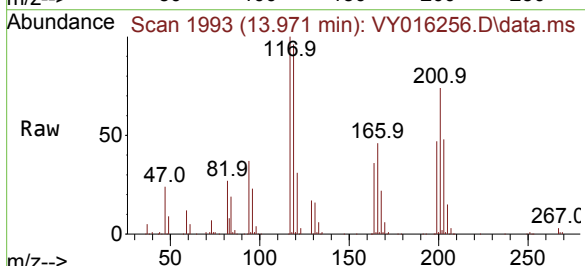
Acq: 08 Nov 2023 10:12

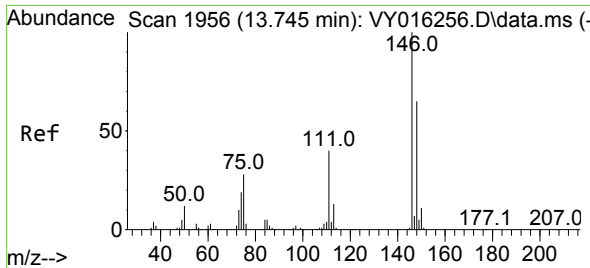
Tgt Ion: 117 Resp: 74700

Ion Ratio Lower Upper

117 100

201 74.8 41.6 124.8

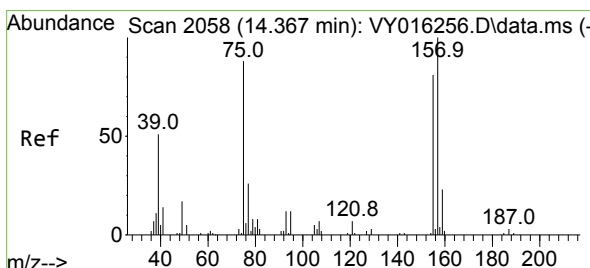
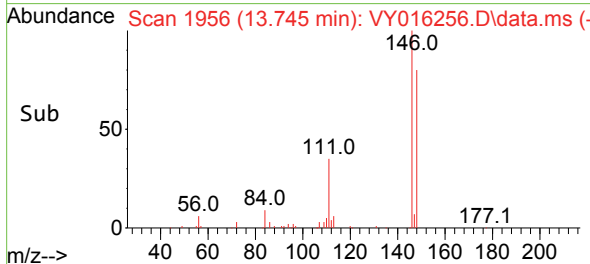
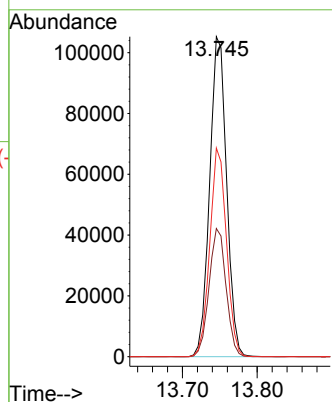
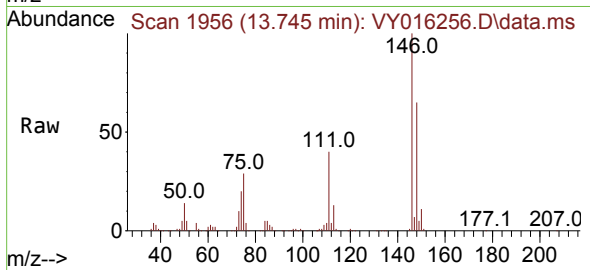




#91
 1,2-Dichlorobenzene
 Concen: 50.226 ug/l
 RT: 13.745 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VY016256.D
 Acq: 08 Nov 2023 10:12

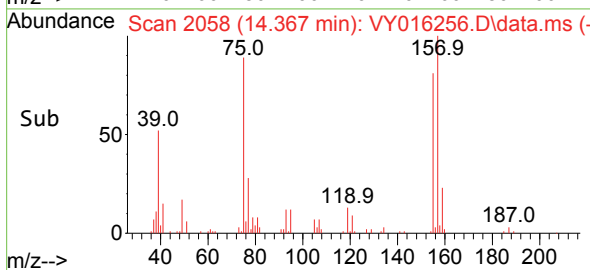
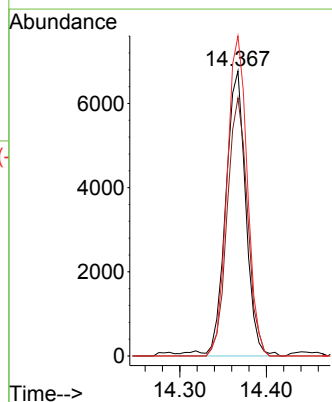
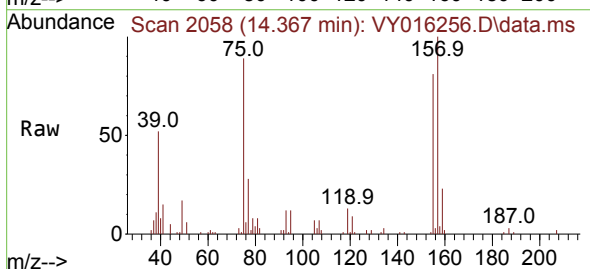
Instrument :
 MSVOA_Y
 ClientSampleId :

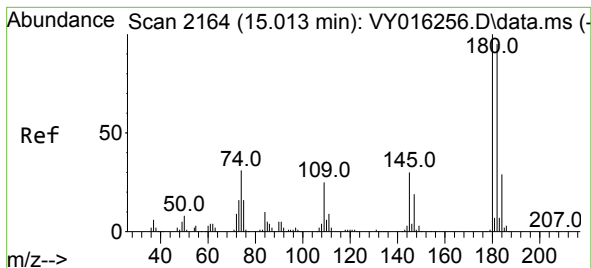
Tgt Ion:146 Resp: 165559
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.7 59.0
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.371 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY016256.D
 Acq: 08 Nov 2023 10:12

Tgt Ion: 75 Resp: 10925
 Ion Ratio Lower Upper
 75 100
 155 91.1 41.5 124.6
 157 112.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.489 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

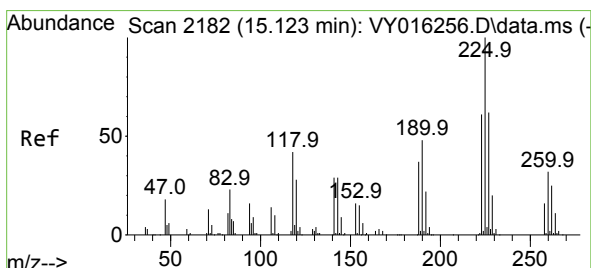
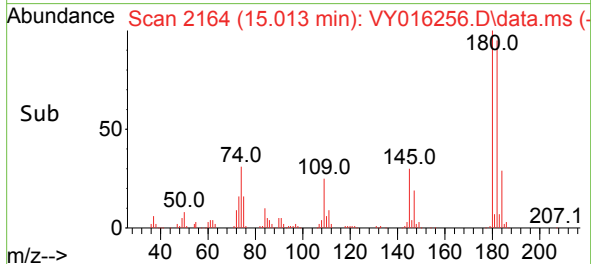
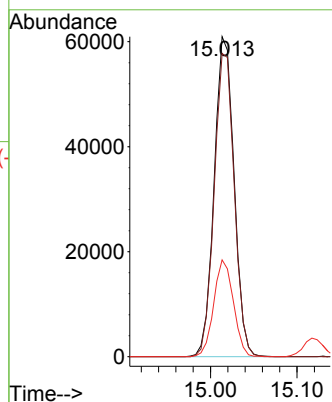
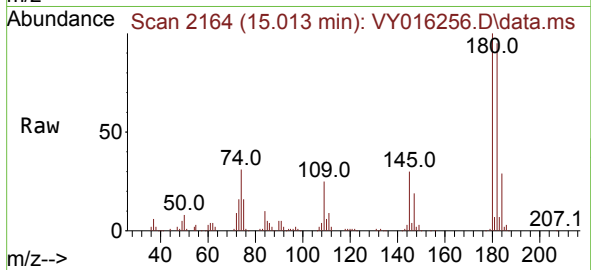
Tgt Ion:180 Resp: 97143

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.761 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

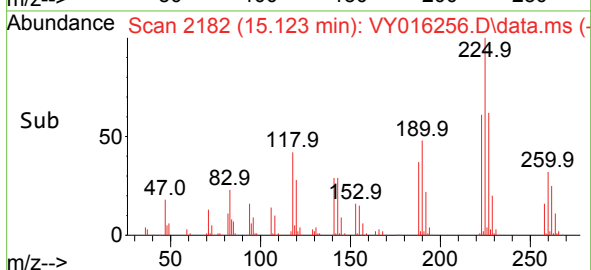
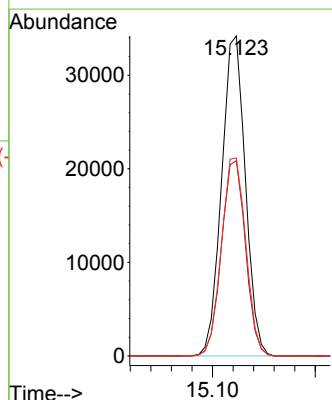
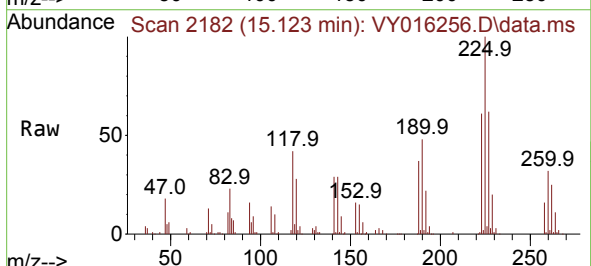
Tgt Ion:225 Resp: 54852

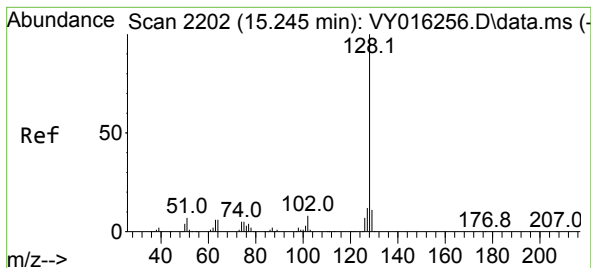
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 51.078 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

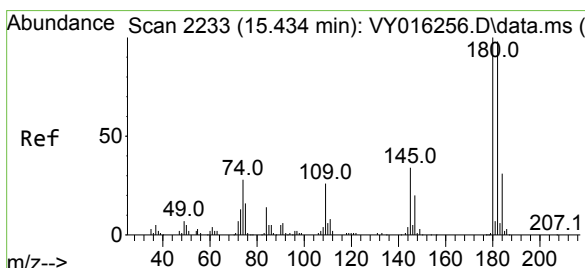
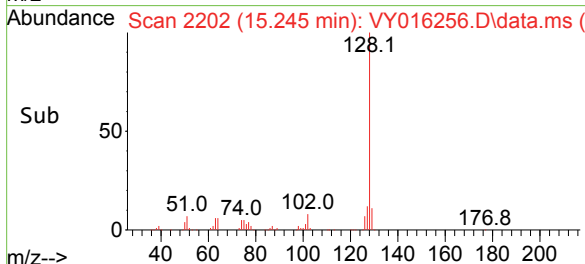
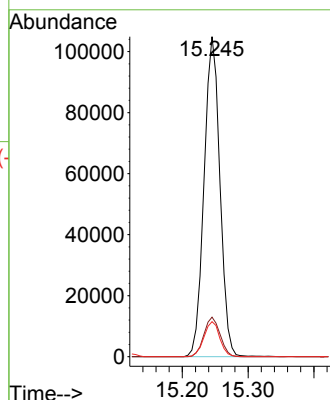
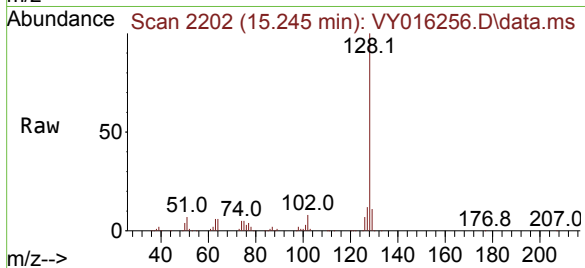
Tgt Ion:128 Resp: 175768

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.762 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016256.D

Acq: 08 Nov 2023 10:12

Tgt Ion:180 Resp: 77601

Ion Ratio Lower Upper

180 100

182 97.6 47.3 141.8

145 32.7 15.4 46.2

