

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016229.D
 Acq On : 06 Nov 2023 11:39
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 23:55:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	158085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	259269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	224036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	106250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80802	54.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.240%	
35) Dibromofluoromethane	7.728	113	79164	51.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.440%	
50) Toluene-d8	10.185	98	319405	52.119	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.240%	
62) 4-Bromofluorobenzene	12.489	95	106153	50.656	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18504	18.350	ug/l	95
3) Chloromethane	2.119	50	24316	17.416	ug/l	97
4) Vinyl Chloride	2.253	62	27258	18.916	ug/l	95
5) Bromomethane	2.650	94	18783	19.314	ug/l	96
6) Chloroethane	2.796	64	18976	18.705	ug/l	89
7) Trichlorofluoromethane	3.131	101	45333	20.838	ug/l	93
8) Diethyl Ether	3.533	74	16083	22.306	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	29254	21.345	ug/l	96
10) Methyl Iodide	4.100	142	29307	19.231	ug/l	97
11) Tert butyl alcohol	4.966	59	13531	122.428	ug/l #	96
12) 1,1-Dichloroethene	3.875	96	24963	19.956	ug/l	90
13) Acrolein	3.735	56	12254	116.173	ug/l	98
14) Allyl chloride	4.485	41	40221	22.479	ug/l #	94
15) Acrylonitrile	5.167	53	36825	119.521	ug/l	99
16) Acetone	3.954	43	27003	103.147	ug/l #	87
17) Carbon Disulfide	4.204	76	52133	16.693	ug/l	98
18) Methyl Acetate	4.485	43	27504	23.120	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	80584	22.648	ug/l	98
20) Methylene Chloride	4.728	84	36262	22.422	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	29946	20.552	ug/l	92
22) Diisopropyl ether	6.124	45	98883	22.849	ug/l	91
23) Vinyl Acetate	6.070	43	238502	112.246	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	56703	21.893	ug/l	96
25) 2-Butanone	6.996	43	46294	113.435	ug/l	90
26) 2,2-Dichloropropane	6.990	77	52409	21.405	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	37762	22.022	ug/l	92
28) Bromochloromethane	7.344	49	20507	21.158	ug/l	91
29) Tetrahydrofuran	7.356	42	30497	119.209	ug/l	90
30) Chloroform	7.514	83	61830	21.927	ug/l	95
31) Cyclohexane	7.795	56	43276	19.031	ug/l #	85
32) 1,1,1-Trichloroethane	7.710	97	55369	21.411	ug/l	99
36) 1,1-Dichloropropene	7.929	75	43366	19.430	ug/l	100
37) Ethyl Acetate	7.082	43	22178	22.309	ug/l #	94
38) Carbon Tetrachloride	7.911	117	48133	21.767	ug/l	98
39) Methylcyclohexane	9.191	83	49548	18.598	ug/l	95
40) Benzene	8.173	78	129097	20.147	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	12085	20.943	ug/l	91
42) 1,2-Dichloroethane	8.246	62	36966	20.672	ug/l	94
43) Isopropyl Acetate	8.283	43	43832	22.290	ug/l	93
44) Trichloroethene	8.947	130	36951	19.706	ug/l	99
45) 1,2-Dichloropropane	9.228	63	33485	21.723	ug/l	97
46) Dibromomethane	9.313	93	18717	21.405	ug/l	97
47) Bromodichloromethane	9.502	83	48782	21.957	ug/l	99
48) Methyl methacrylate	9.301	41	18368	20.542	ug/l	89
49) 1,4-Dioxane	9.307	88	4504	358.500	ug/l #	70
51) 4-Methyl-2-Pentanone	10.075	43	114398	116.593	ug/l	93
52) Toluene	10.252	92	84567	20.367	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	47791	21.548	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	54991	21.130	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	26981	21.936	ug/l	97
56) Ethyl methacrylate	10.514	69	34209	21.415	ug/l #	87
57) 1,3-Dichloropropane	10.800	76	45918	21.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	83988	108.429	ug/l	92
59) 2-Hexanone	10.837	43	78936	117.402	ug/l	89
60) Dibromochloromethane	10.989	129	33631	21.794	ug/l	99
61) 1,2-Dibromoethane	11.099	107	25068	21.427	ug/l	100
64) Tetrachloroethene	10.727	164	37516	18.826	ug/l	92
65) Chlorobenzene	11.526	112	92428	20.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	35979	21.824	ug/l	97
67) Ethyl Benzene	11.599	91	163564	20.545	ug/l	100
68) m/p-Xylenes	11.709	106	127049	41.299	ug/l	93
69) o-Xylene	12.038	106	60454	20.582	ug/l	95
70) Styrene	12.050	104	99515	20.380	ug/l	97
71) Bromoform	12.215	173	20454	22.364	ug/l #	98
73) Isopropylbenzene	12.337	105	162457	20.383	ug/l	100
74) N-amyl acetate	12.148	43	36444	21.042	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	29368	23.156	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	39061	39.039	ug/l #	100
77) Bromobenzene	12.617	156	37627	20.850	ug/l	96
78) n-propylbenzene	12.678	91	193100	20.493	ug/l	99
79) 2-Chlorotoluene	12.764	91	109011	20.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	131445	20.357	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	9971	21.607	ug/l	94
82) 4-Chlorotoluene	12.861	91	111800	20.716	ug/l	98
83) tert-Butylbenzene	13.081	119	120142	20.795	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	130510	20.426	ug/l	99
85) sec-Butylbenzene	13.257	105	176179	20.776	ug/l	99
86) p-Isopropyltoluene	13.373	119	144712	20.591	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	74163	20.779	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	73820	20.926	ug/l	99
89) n-Butylbenzene	13.702	91	134609	20.845	ug/l	98
90) Hexachloroethane	13.965	117	27728	22.894	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	65764	21.326	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4836	21.307	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	37180	19.534	ug/l	97
94) Hexachlorobutadiene	15.117	225	21868	21.025	ug/l	98
95) Naphthalene	15.239	128	70523	19.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	32065	19.721	ug/l	98

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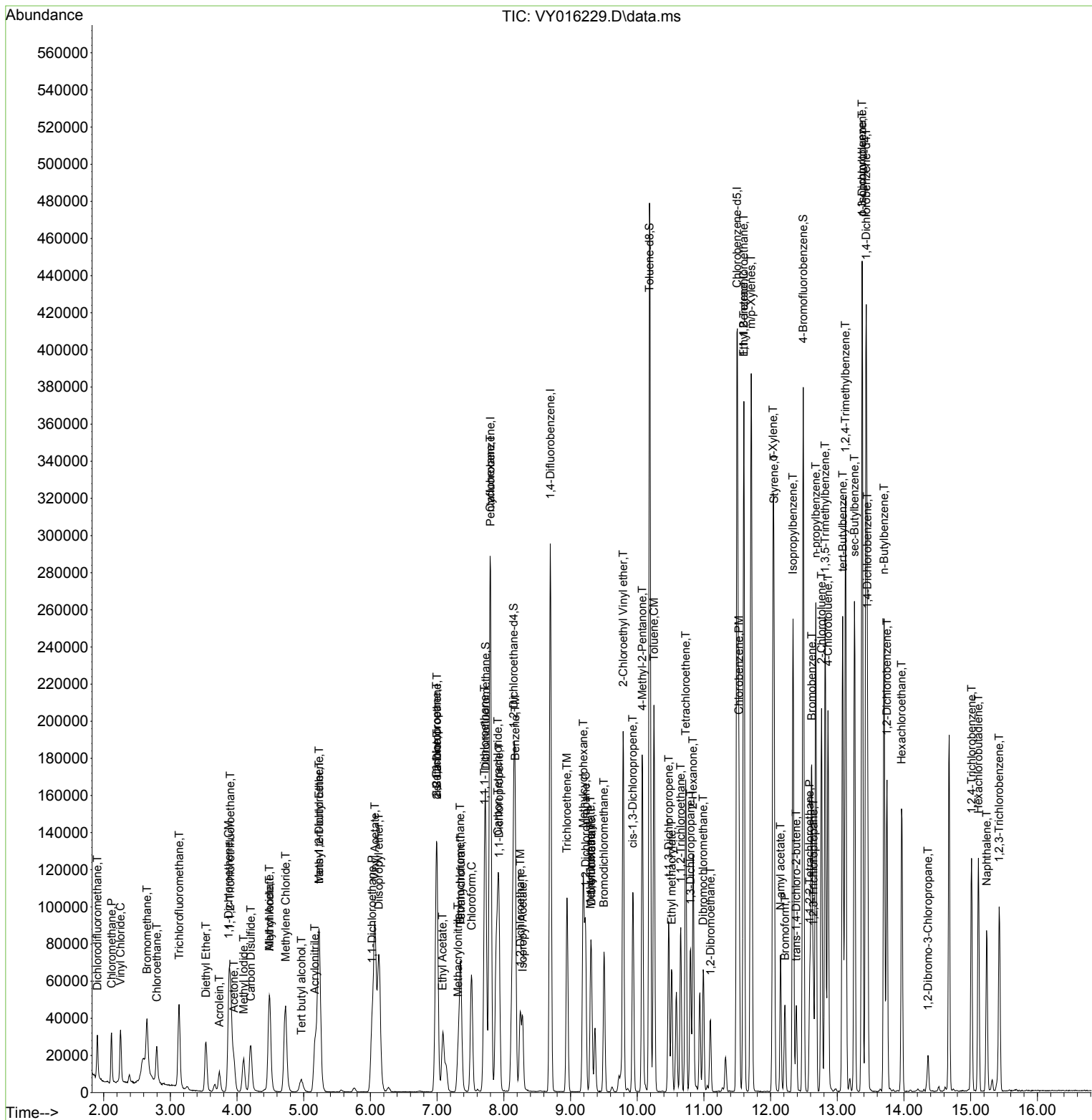
Instrument :
MSVOA_Y
ClientSampleId :

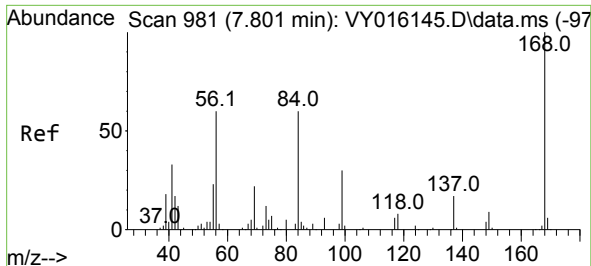
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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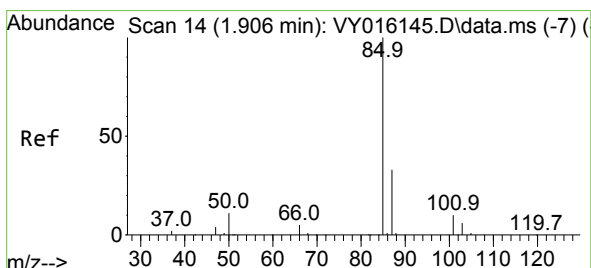
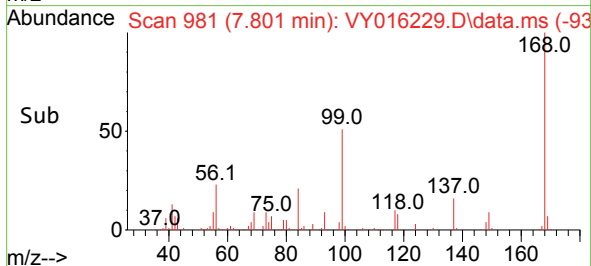
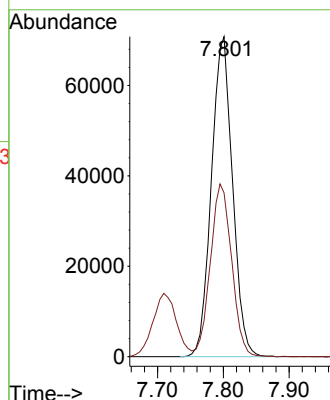
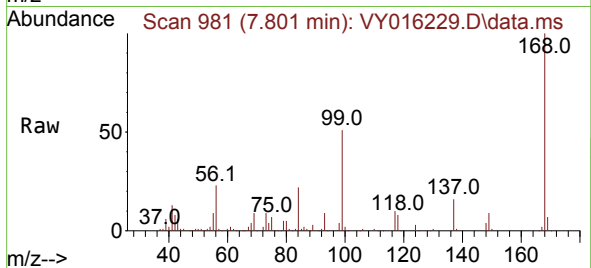




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016229.D
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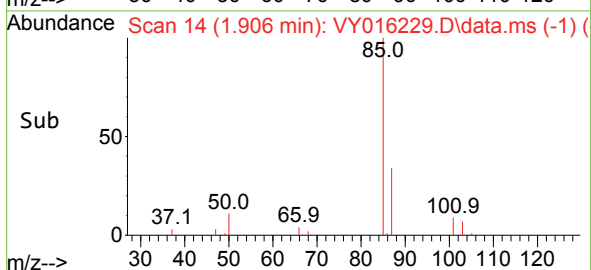
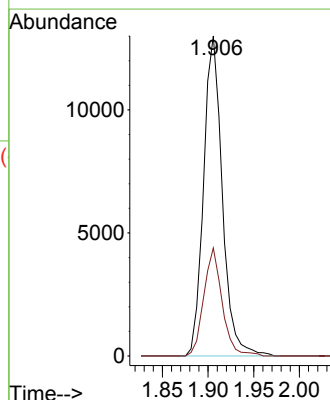
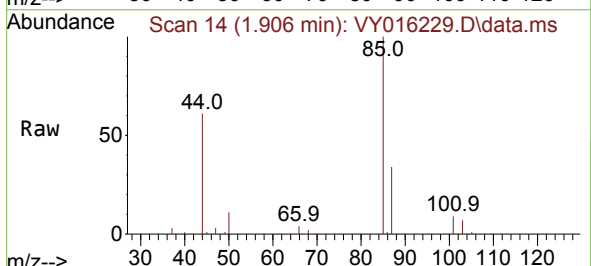
Instrument :
MSVOA_Y
ClientSampleId :

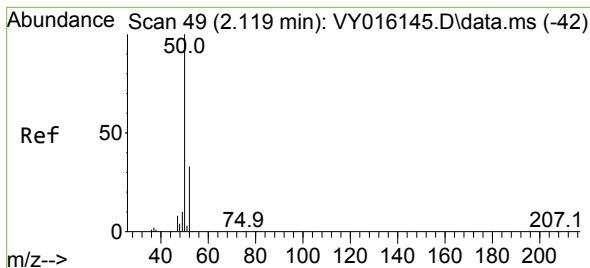
Tgt Ion:168 Resp: 158085
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.350 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 85 Resp: 18504
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8





#3

Chloromethane

Concen: 17.416 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

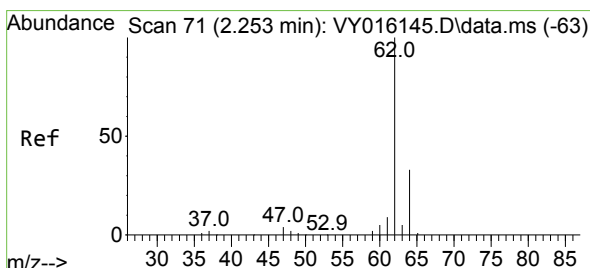
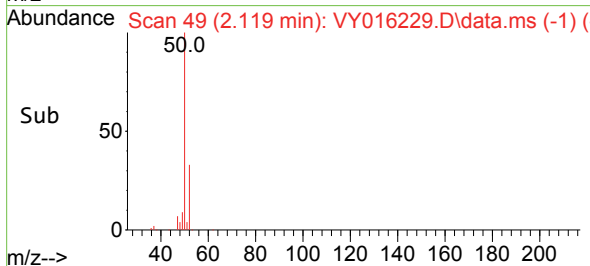
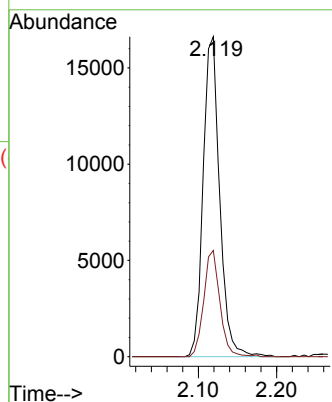
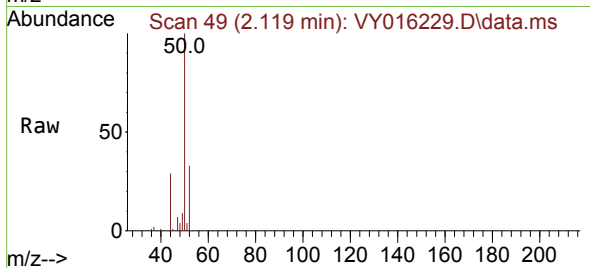
ClientSampleId :

Tgt Ion: 50 Resp: 24316

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



#4

Vinyl Chloride

Concen: 18.916 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.000 min

Lab File: VY016229.D

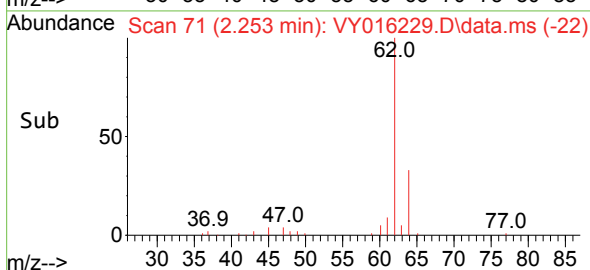
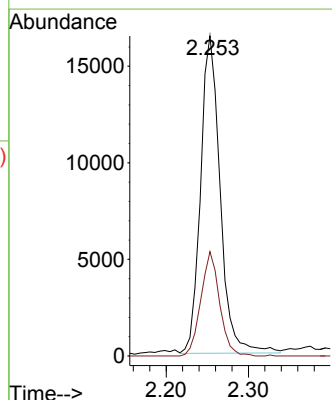
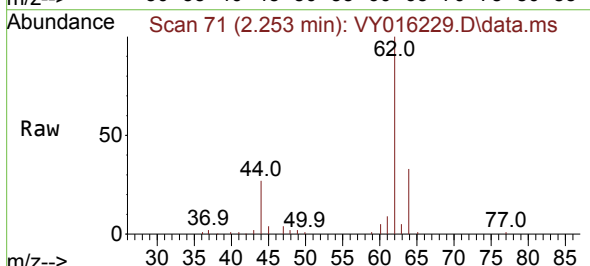
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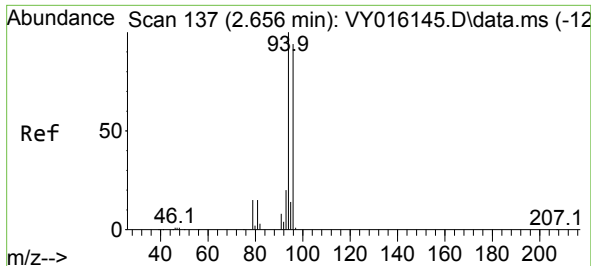
Tgt Ion: 62 Resp: 27258

Ion Ratio Lower Upper

62 100

64 32.9 24.3 36.5

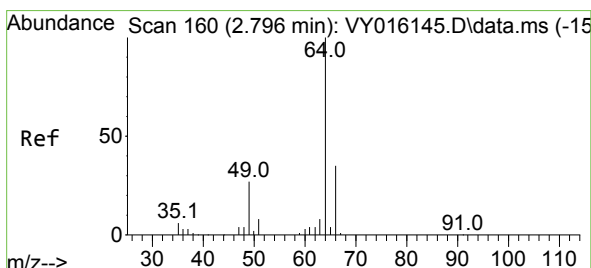
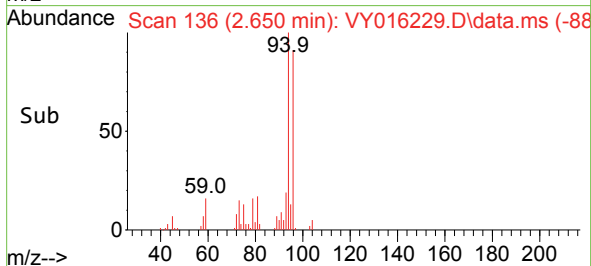
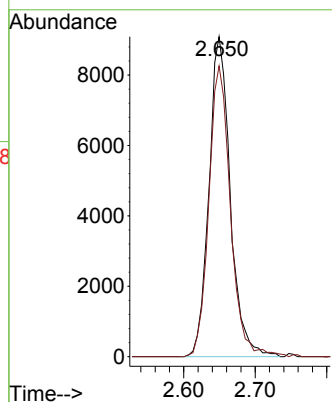
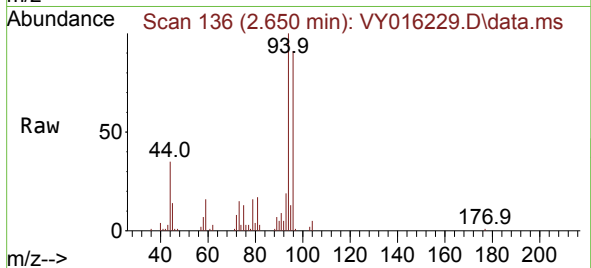




#5
Bromomethane
Concen: 19.314 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

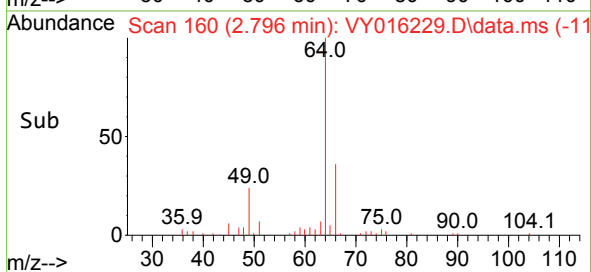
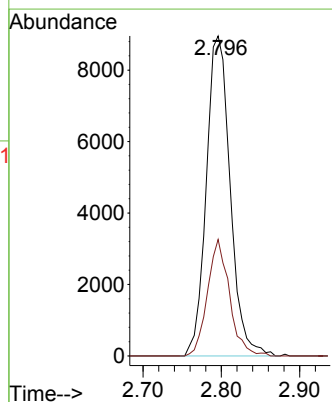
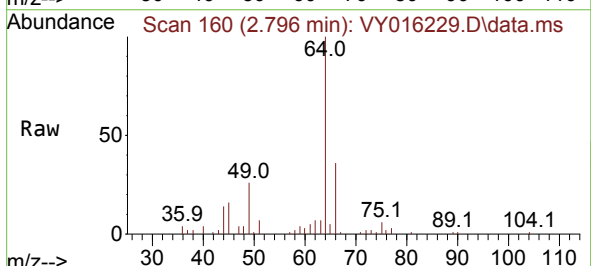
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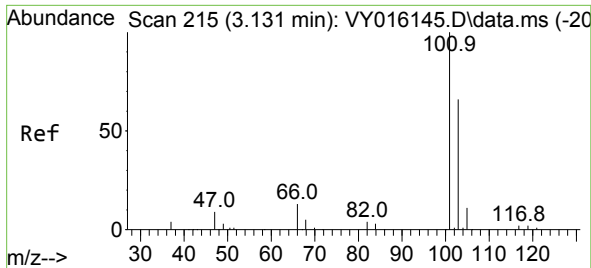
Tgt Ion: 94 Resp: 18783
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.6



#6
Chloroethane
Concen: 18.705 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 64 Resp: 18976
Ion Ratio Lower Upper
64 100
66 36.4 24.4 36.6

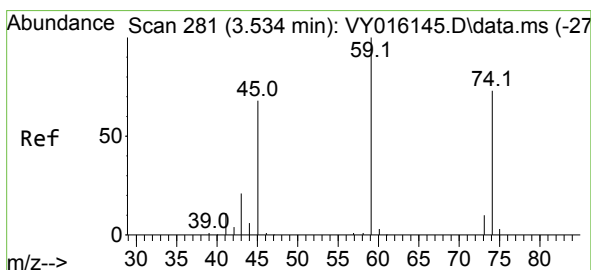
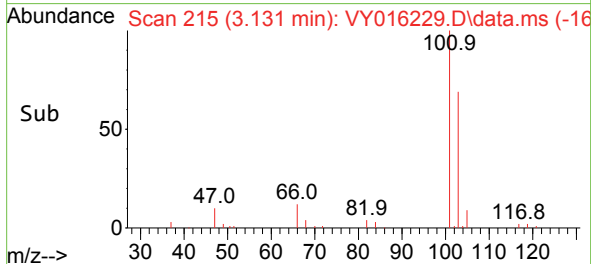
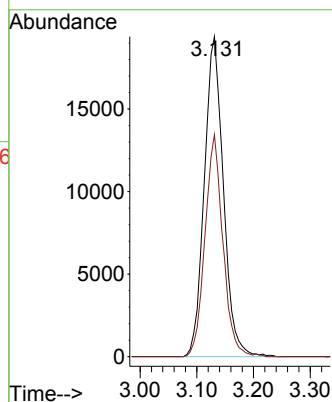
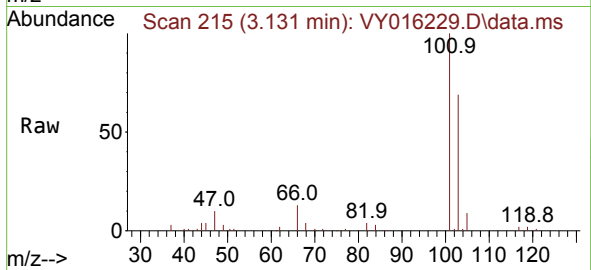




#7
Trichlorofluoromethane
Concen: 20.838 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

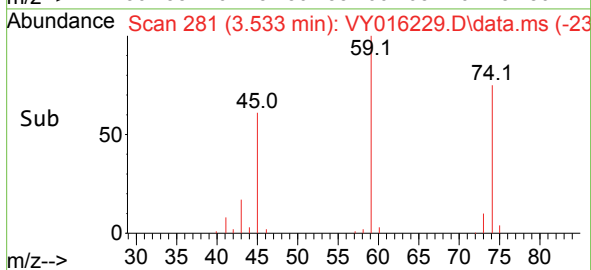
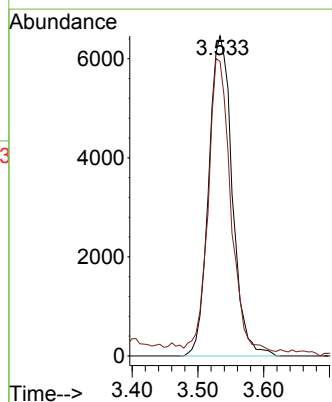
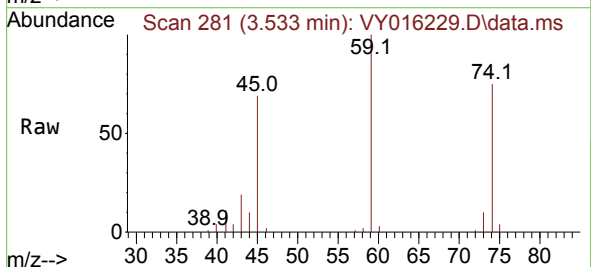
Instrument :
MSVOA_Y
ClientSampleId :

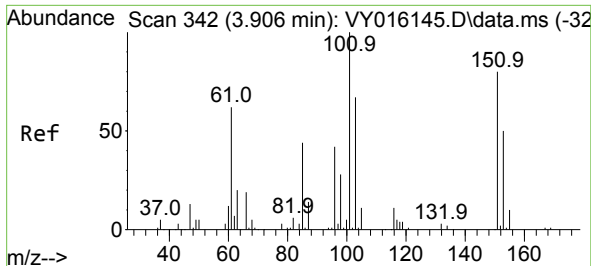
Tgt Ion:101 Resp: 45333
Ion Ratio Lower Upper
101 100
103 69.4 51.4 77.0



#8
Diethyl Ether
Concen: 22.306 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
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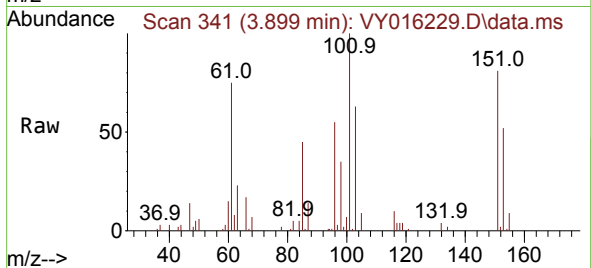
Tgt Ion: 74 Resp: 16083
Ion Ratio Lower Upper
74 100
45 87.4 51.5 154.5



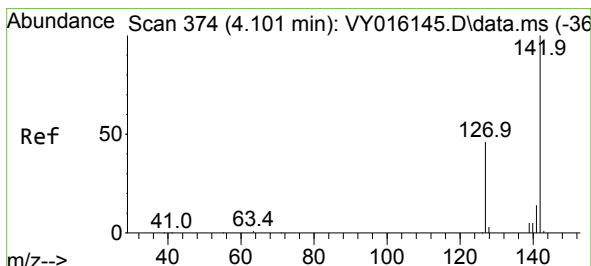
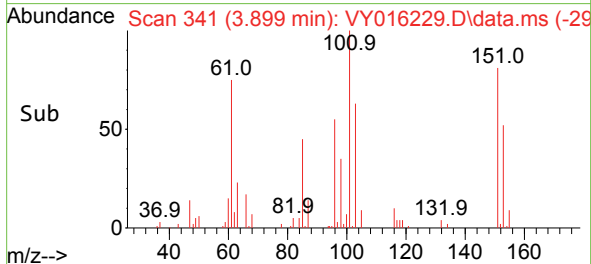
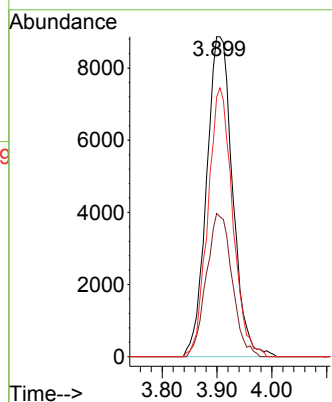


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.345 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :

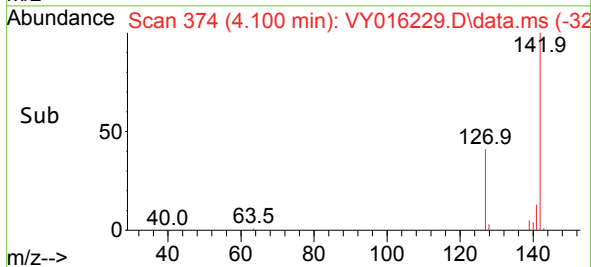
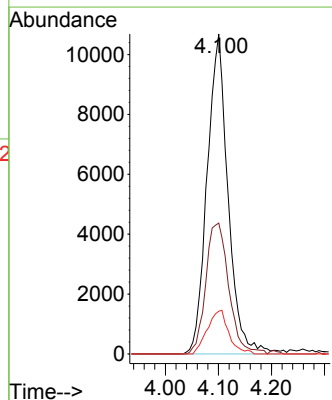
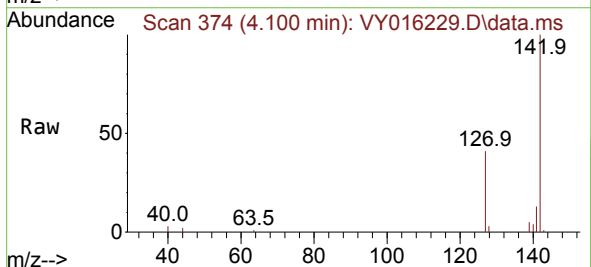


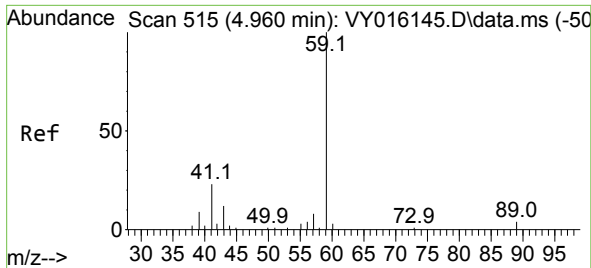
Tgt Ion:101 Resp: 29254
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 79.8 67.0 100.6



#10
Methyl Iodide
Concen: 19.231 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

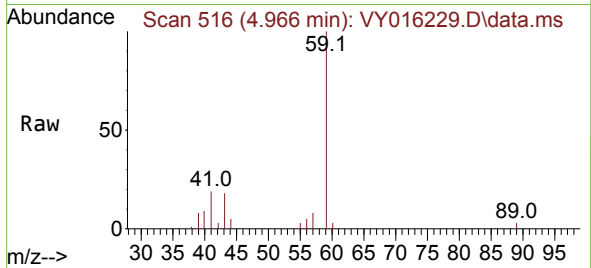
Tgt Ion:142 Resp: 29307
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 13.9 11.8 17.8



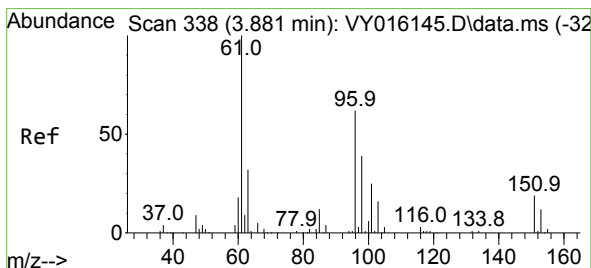
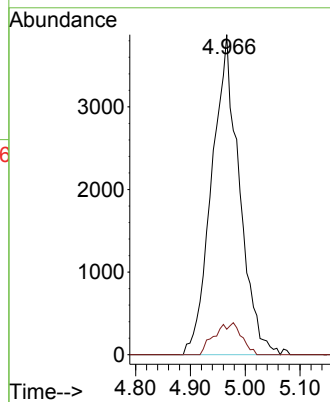
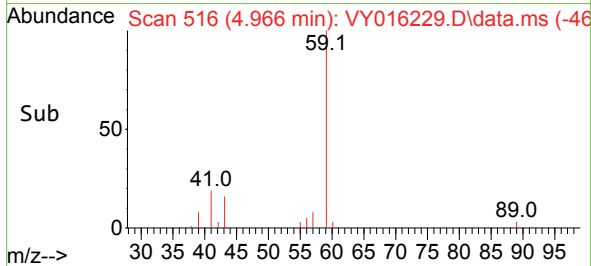


#11
Tert butyl alcohol
Concen: 122.428 ug/l
RT: 4.966 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

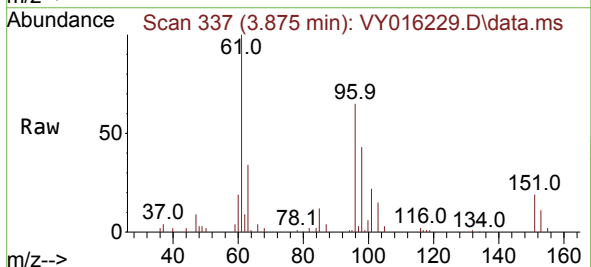
Instrument :
MSVOA_Y
ClientSampleId :



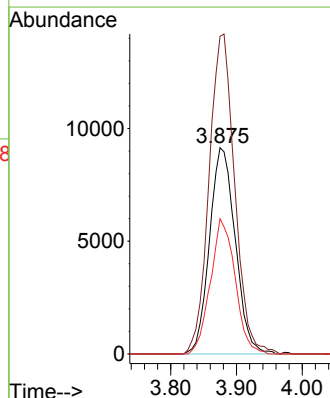
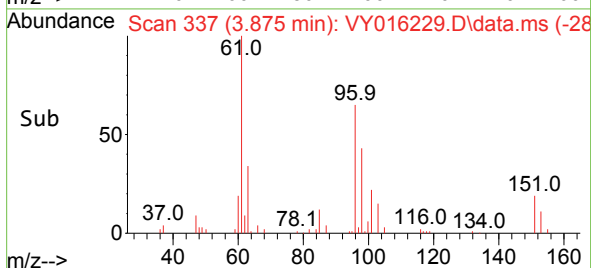
Tgt Ion: 59 Resp: 13531
Ion Ratio Lower Upper
59 100
57 5.1 3.0 4.4#

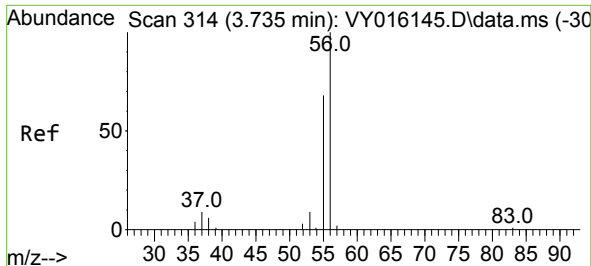


#12
1,1-Dichloroethene
Concen: 19.956 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39



Tgt Ion: 96 Resp: 24963
Ion Ratio Lower Upper
96 100
61 154.0 136.4 204.6
98 65.5 49.4 74.2





#13

Acrolein

Concen: 116.173 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

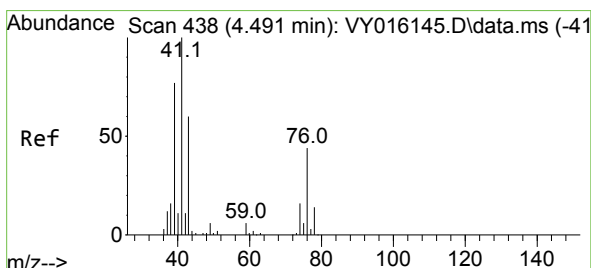
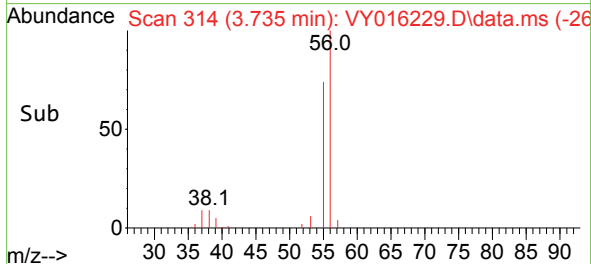
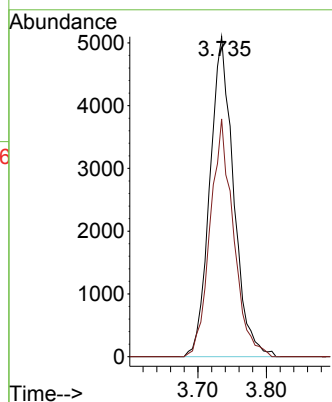
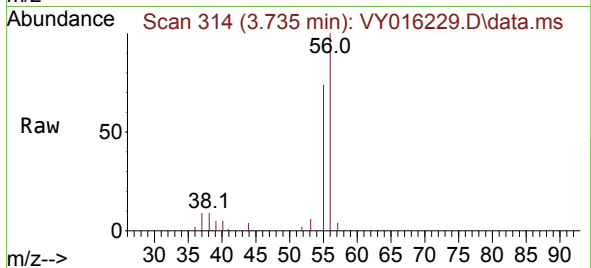
ClientSampleId :

Tgt Ion: 56 Resp: 12254

Ion Ratio Lower Upper

56 100

55 72.8 57.0 85.4



#14

Allyl chloride

Concen: 22.479 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

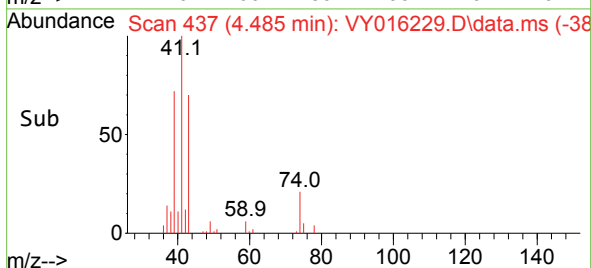
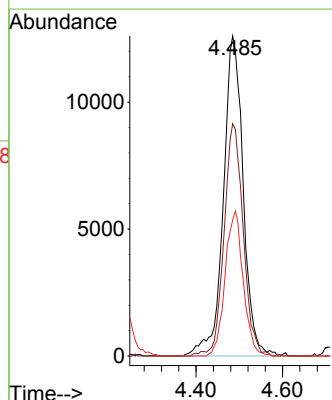
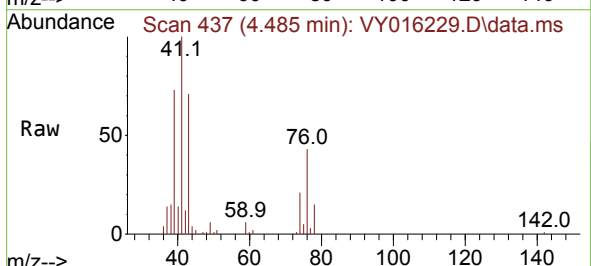
Tgt Ion: 41 Resp: 40221

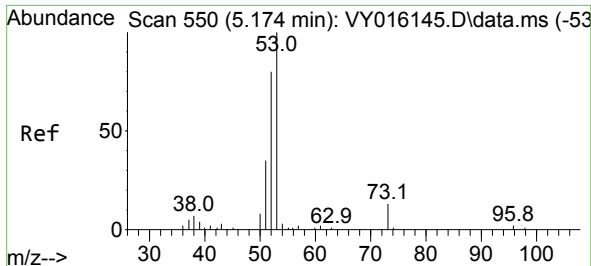
Ion Ratio Lower Upper

41 100

39 70.0 58.0 87.0

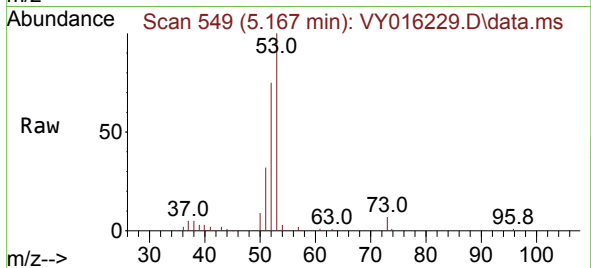
76 41.2 27.4 41.2#



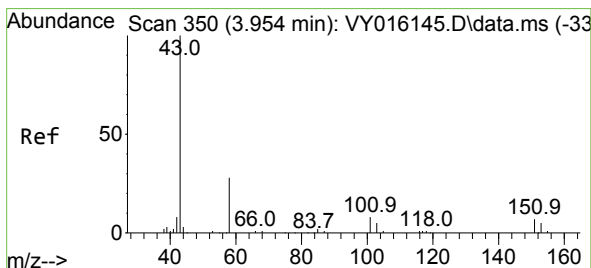
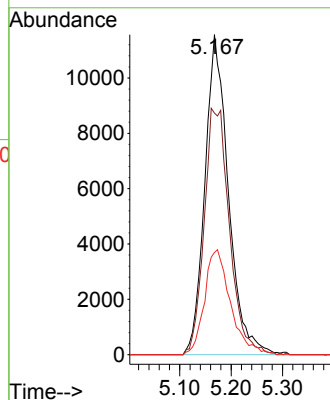
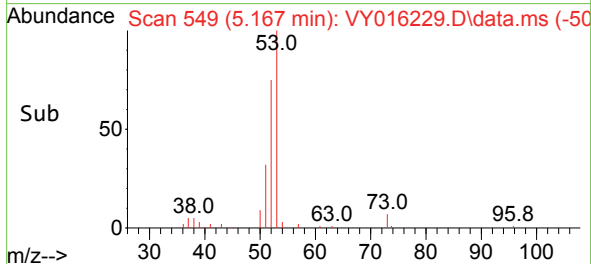


#15
Acrylonitrile
Concen: 119.521 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :

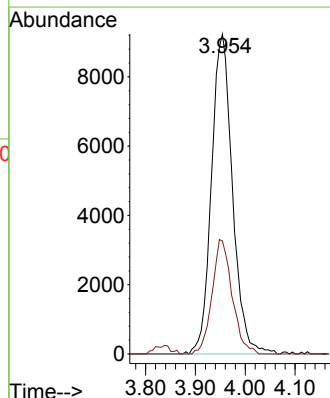
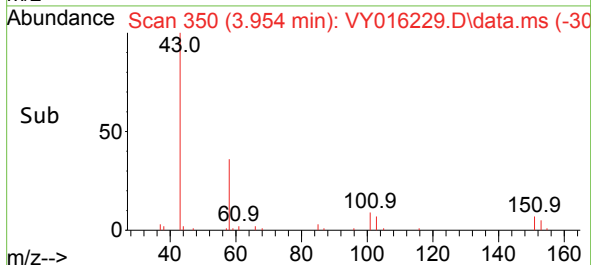
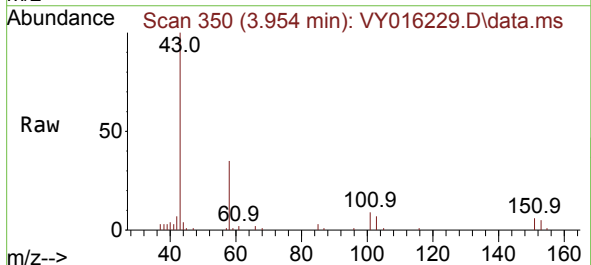


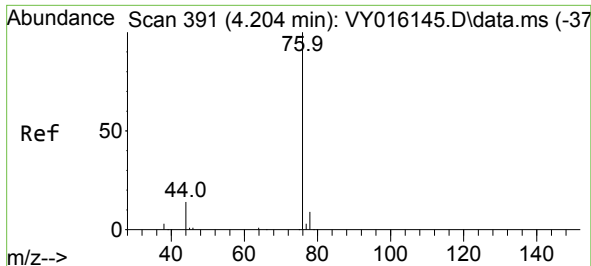
Tgt Ion: 53 Resp: 36825
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 103.147 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 43 Resp: 27003
Ion Ratio Lower Upper
43 100
58 35.3 22.7 34.1#

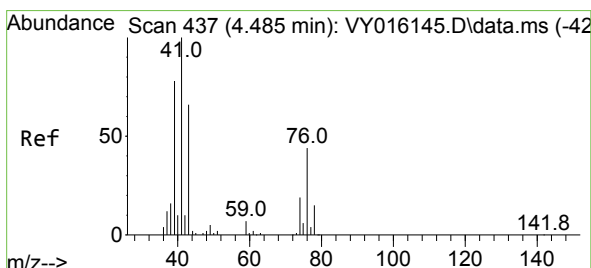
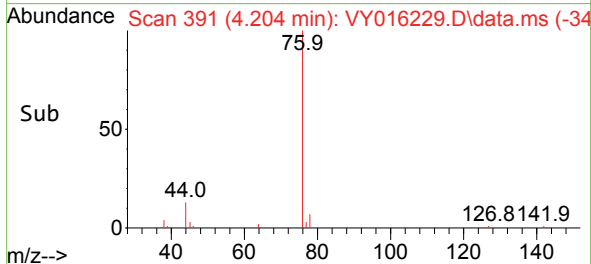
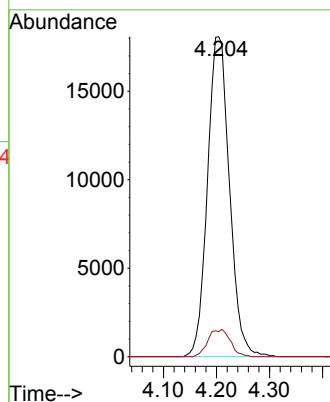
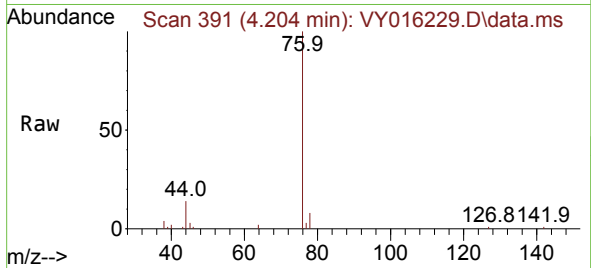




#17
Carbon Disulfide
Concen: 16.693 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

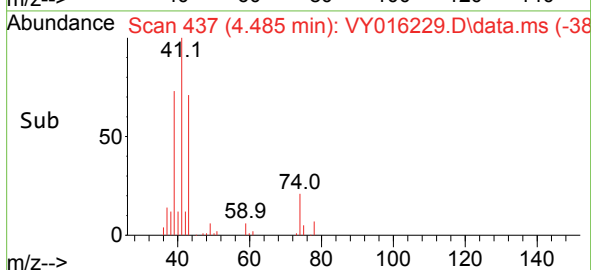
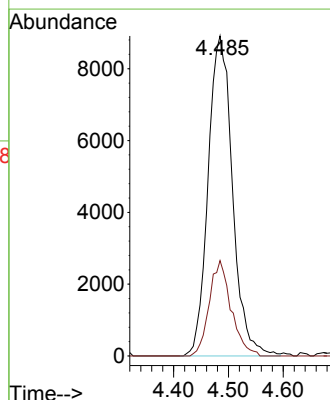
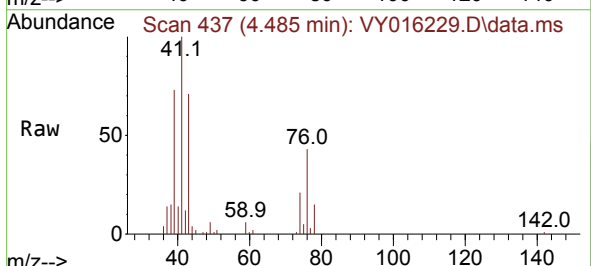
Instrument :
MSVOA_Y
ClientSampleId :

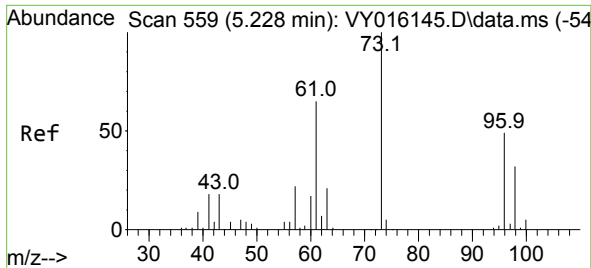
Tgt Ion: 76 Resp: 52133
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4



#18
Methyl Acetate
Concen: 23.120 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 43 Resp: 27504
Ion Ratio Lower Upper
43 100
74 26.8 17.4 26.0#

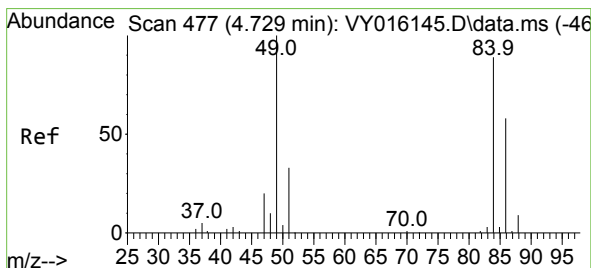
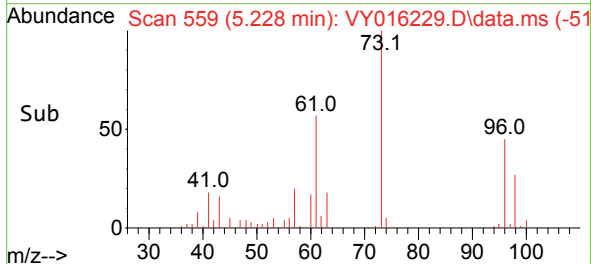
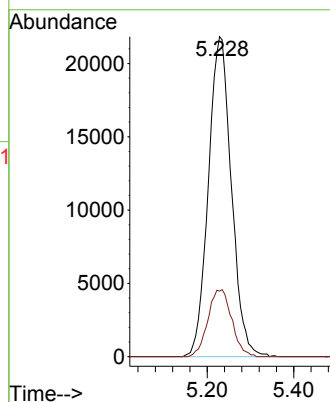
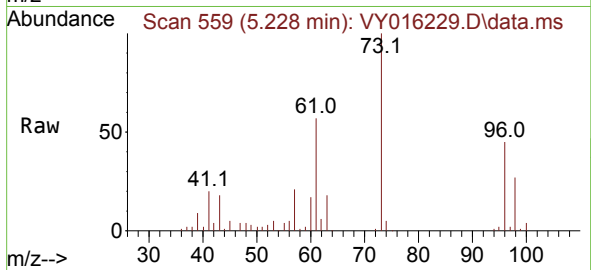




#19
Methyl tert-butyl Ether
Concen: 22.648 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

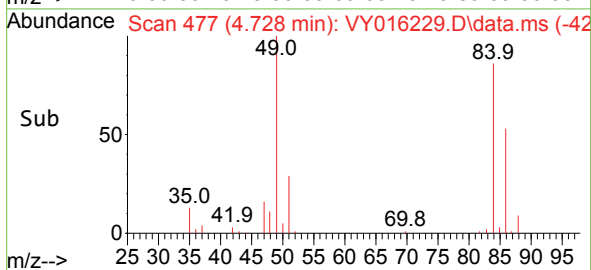
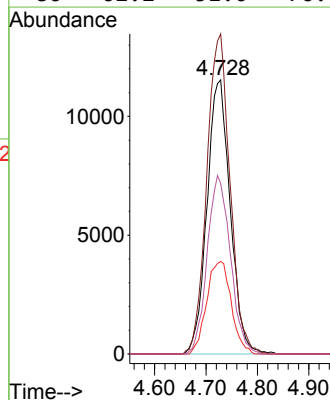
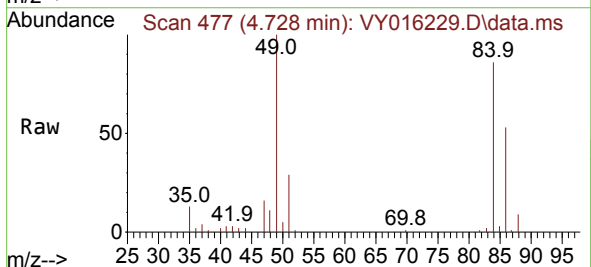
Instrument :
MSVOA_Y
ClientSampleId :

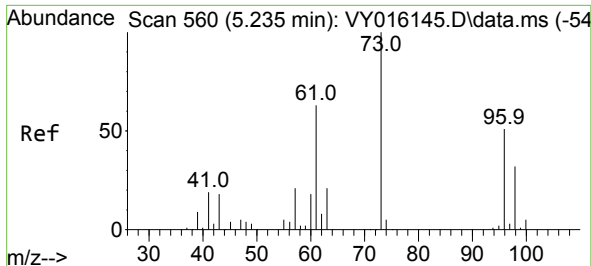
Tgt Ion: 73 Resp: 80584
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 22.422 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 84 Resp: 36262
Ion Ratio Lower Upper
84 100
49 116.8 106.9 160.3
51 33.7 33.2 49.8
86 62.2 51.0 76.6

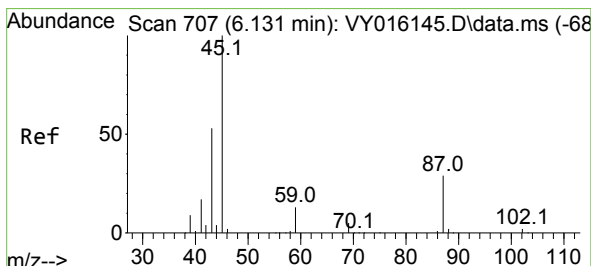
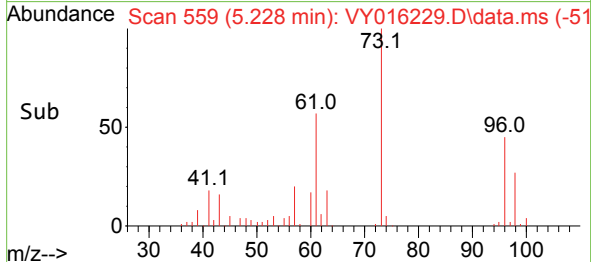
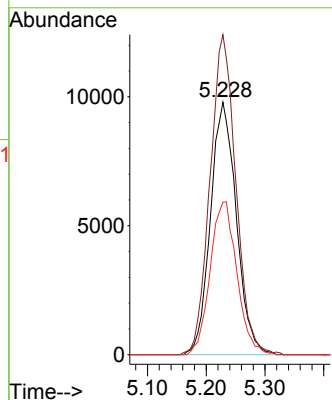
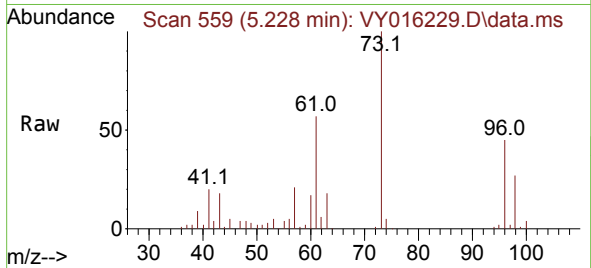




#21
trans-1,2-Dichloroethene
Concen: 20.552 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

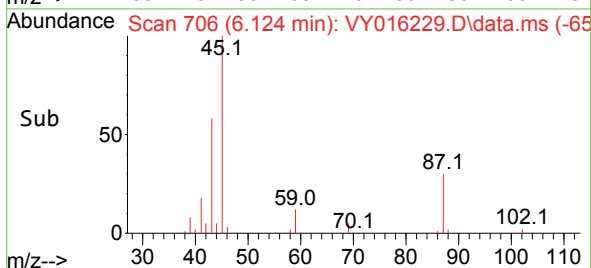
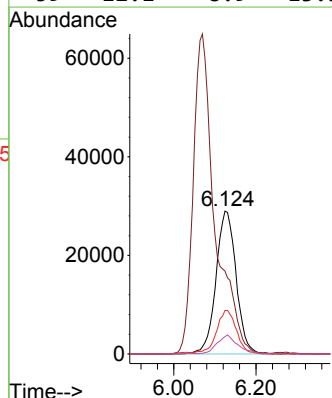
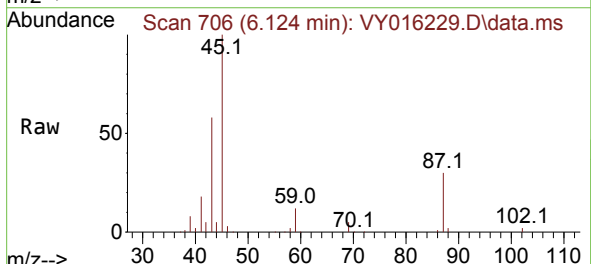
Instrument :
MSVOA_Y
ClientSampleId :

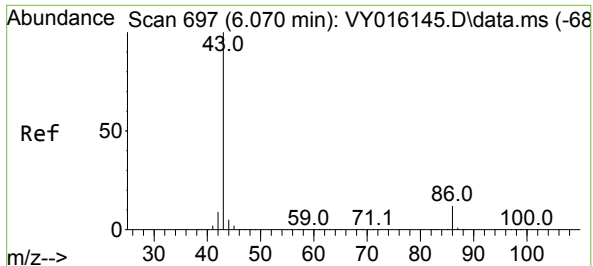
Tgt Ion: 96 Resp: 29946
Ion Ratio Lower Upper
96 100
61 126.7 110.2 165.4
98 60.5 51.8 77.6



#22
Diisopropyl ether
Concen: 22.849 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 45 Resp: 98883
Ion Ratio Lower Upper
45 100
43 56.8 52.2 78.4
87 30.4 21.0 31.6
59 12.1 8.9 13.3





#23

Vinyl Acetate

Concen: 112.246 ug/l

RT: 6.070 min Scan# 697

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

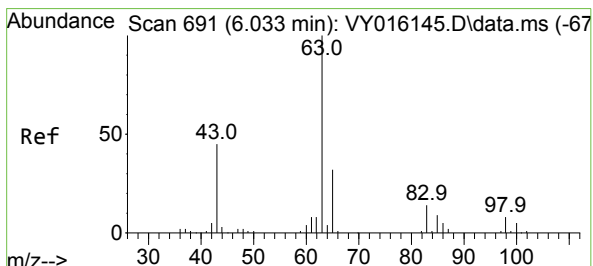
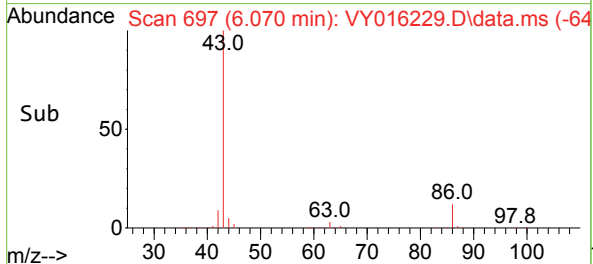
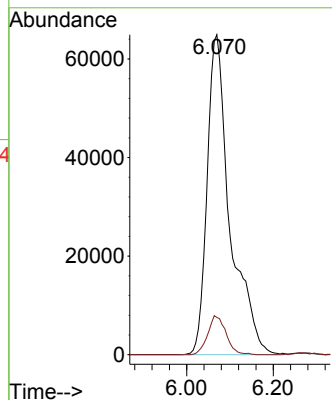
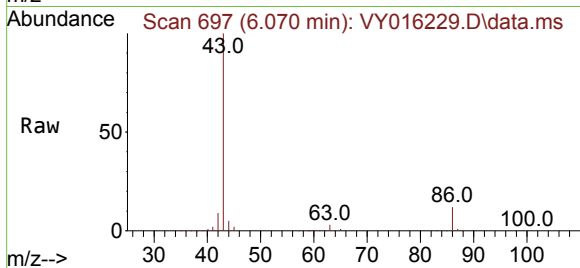
ClientSampleId :

Tgt Ion: 43 Resp: 238502

Ion Ratio Lower Upper

43 100

86 11.7 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 21.893 ug/l

RT: 6.027 min Scan# 690

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

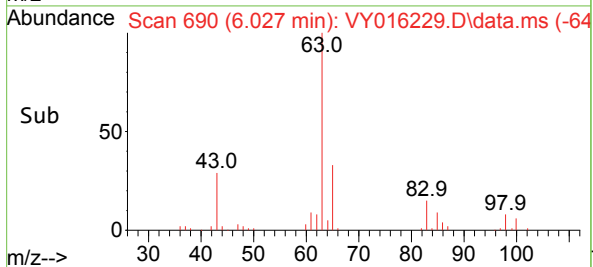
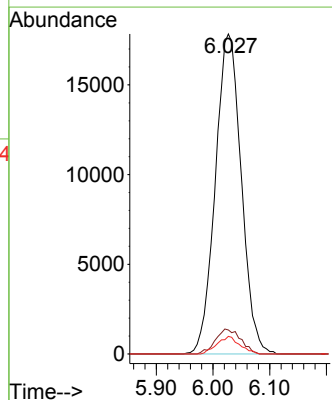
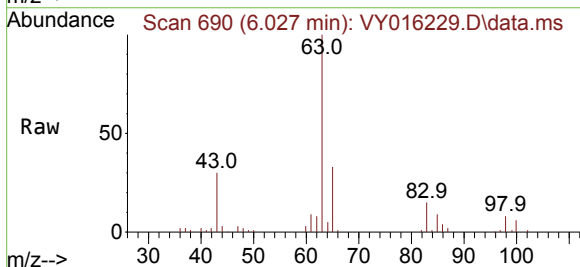
Tgt Ion: 63 Resp: 56703

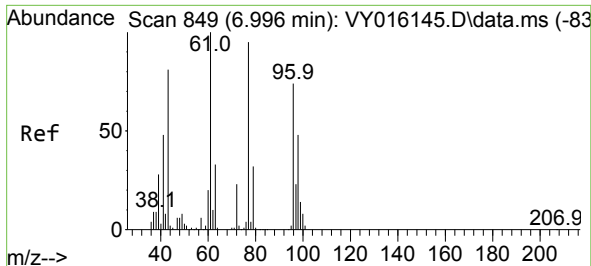
Ion Ratio Lower Upper

63 100

98 7.5 3.1 9.4

100 5.5 1.8 5.5

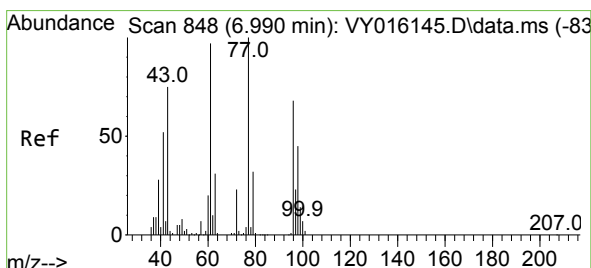
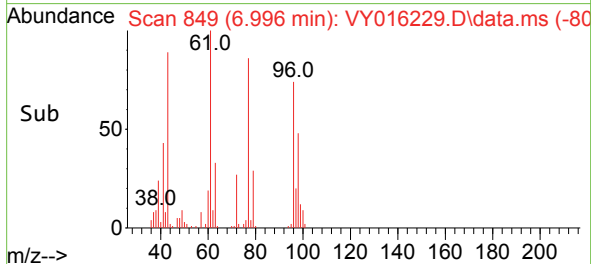
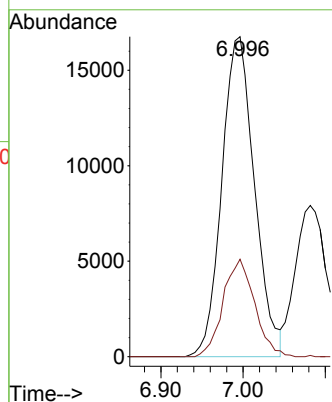
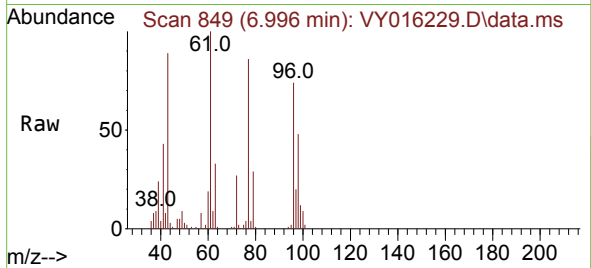




#25
2-Butanone
Concen: 113.435 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

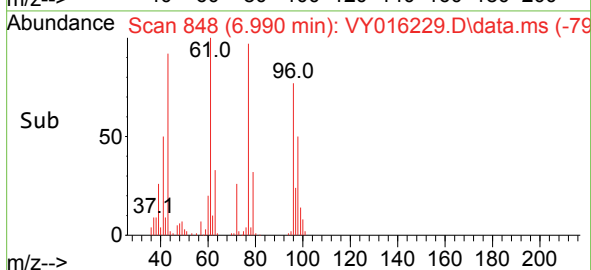
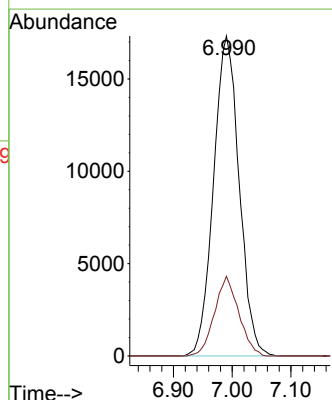
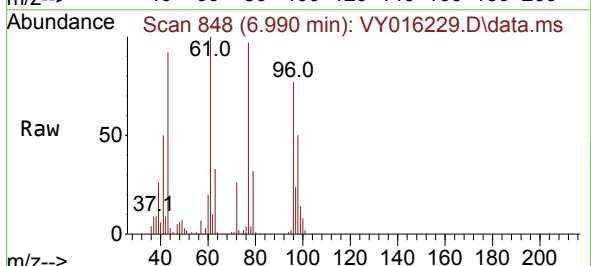
Instrument :
MSVOA_Y
ClientSampleId :

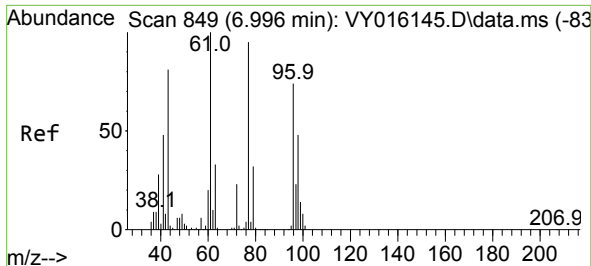
Tgt Ion: 43 Resp: 46294
Ion Ratio Lower Upper
43 100
72 30.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.405 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

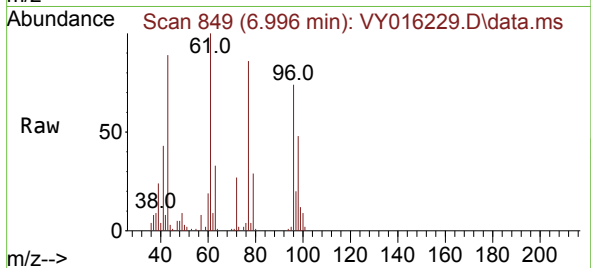
Tgt Ion: 77 Resp: 52409
Ion Ratio Lower Upper
77 100
97 23.6 10.9 32.9



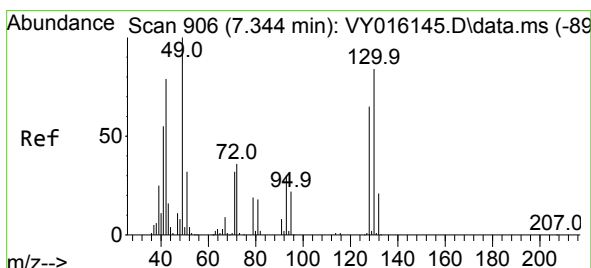
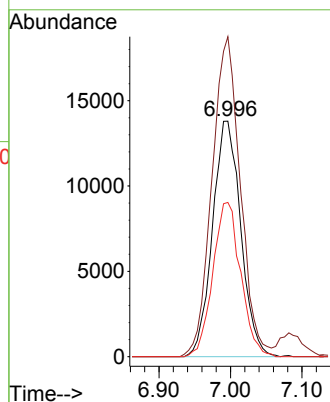
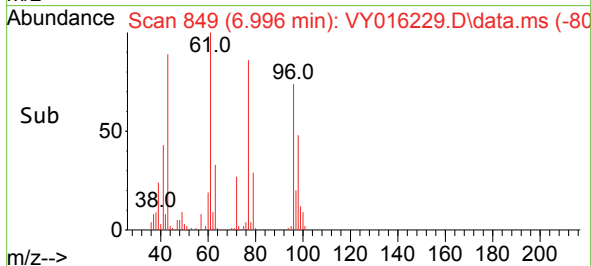


#27
 cis-1,2-Dichloroethene
 Concen: 22.022 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY016229.D
 Acq: 06 Nov 2023 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :

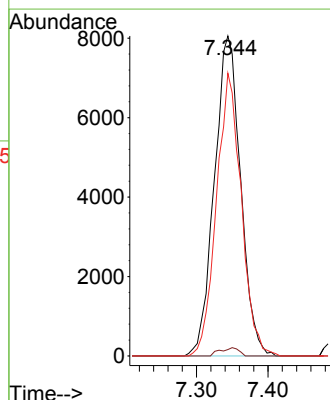
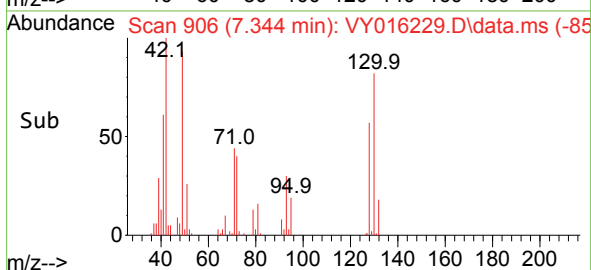
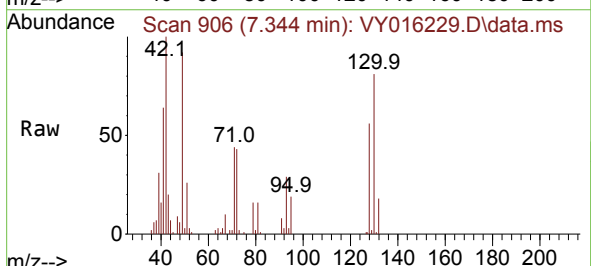


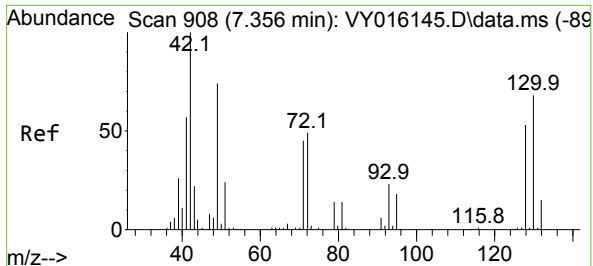
Tgt Ion: 96 Resp: 37762
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 301.4
 98 64.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 21.158 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY016229.D
 Acq: 06 Nov 2023 11:39

Tgt Ion: 49 Resp: 20507
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 83.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 119.209 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

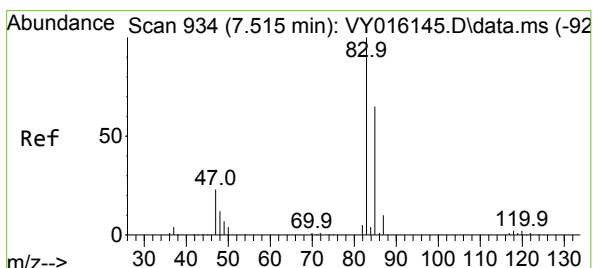
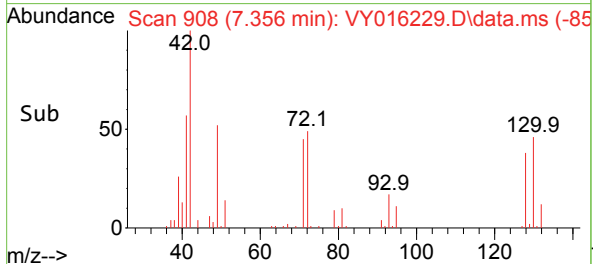
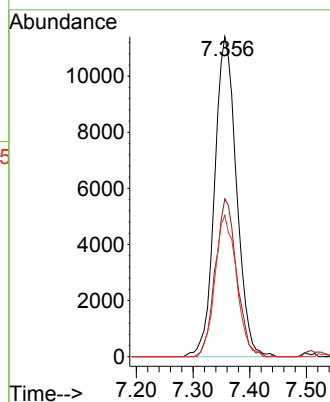
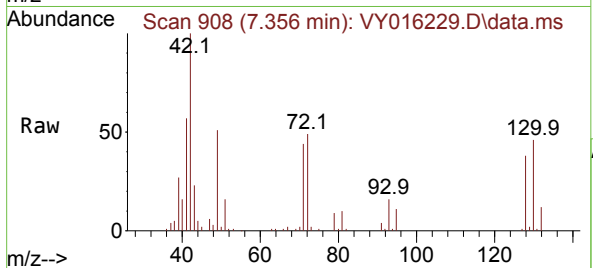
Tgt Ion: 42 Resp: 30497

Ion Ratio Lower Upper

42 100

72 48.2 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 21.927 ug/l

RT: 7.514 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY016229.D

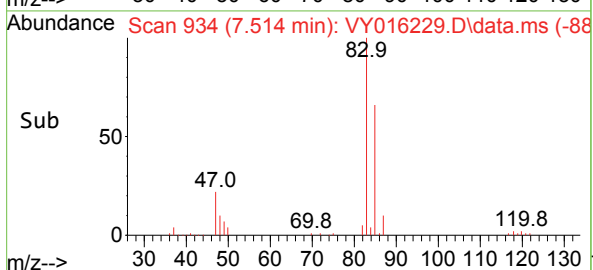
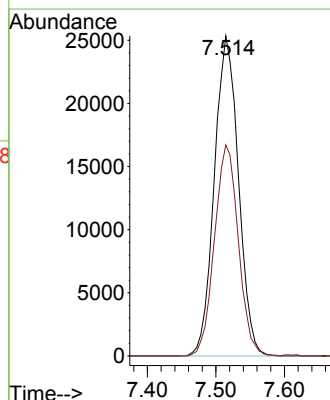
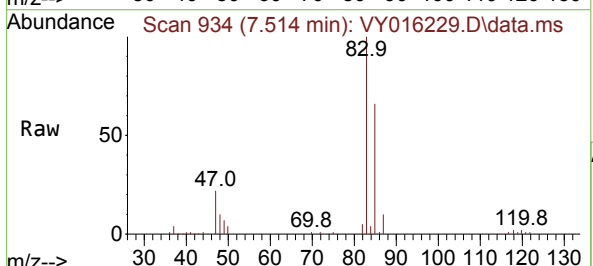
Acq: 06 Nov 2023 11:39

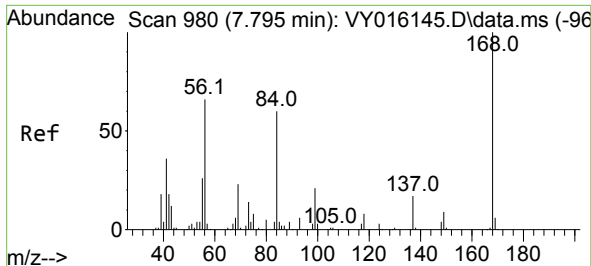
Tgt Ion: 83 Resp: 61830

Ion Ratio Lower Upper

83 100

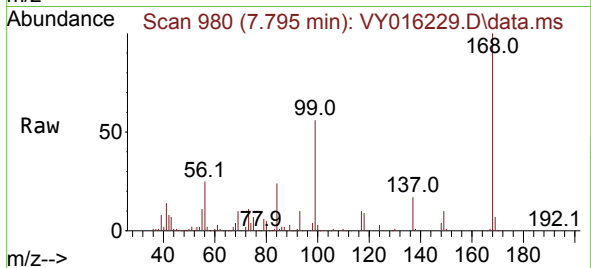
85 66.0 49.7 74.5



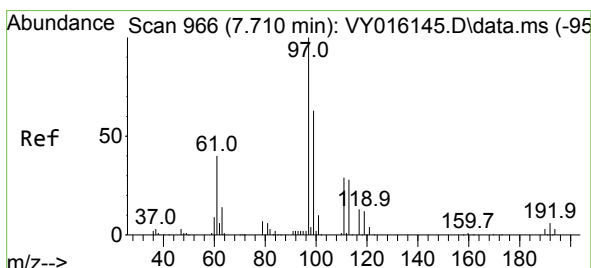
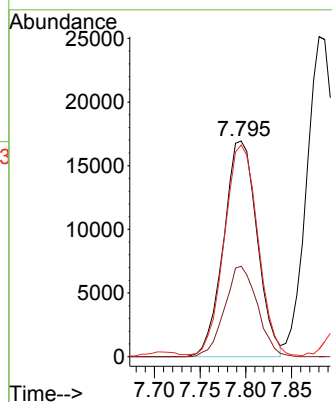
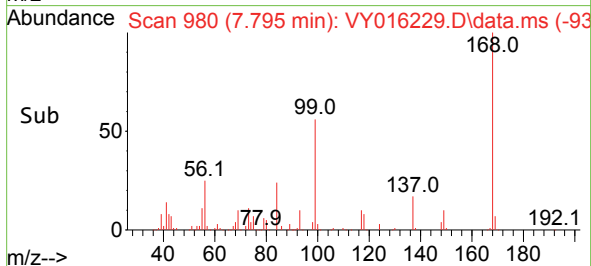


#31
Cyclohexane
Concen: 19.031 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :

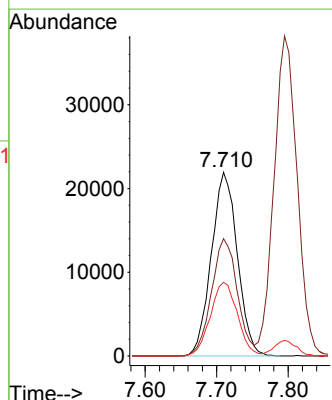
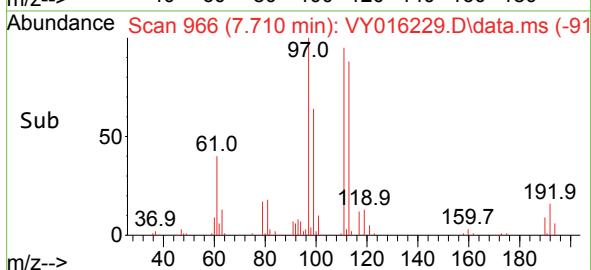
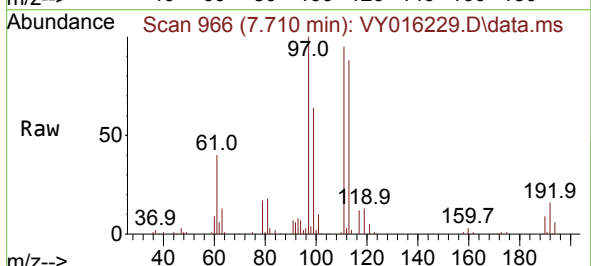


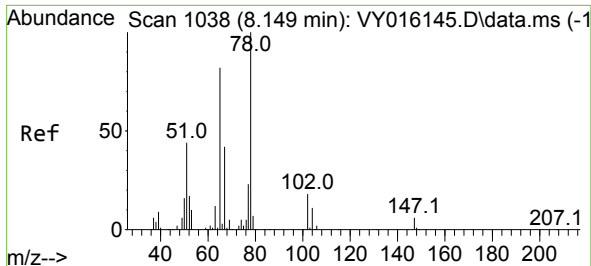
Tgt Ion: 56 Resp: 43276
Ion Ratio Lower Upper
56 100
69 41.9 27.8 41.6#
84 97.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.411 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 97 Resp: 55369
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.623 ug/l

RT: 8.149 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

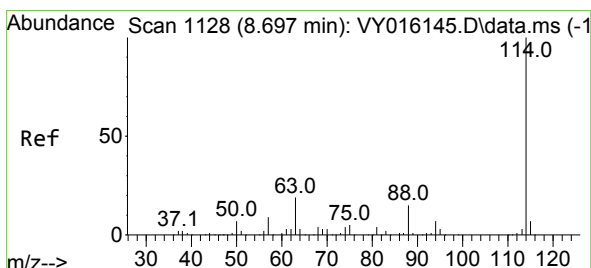
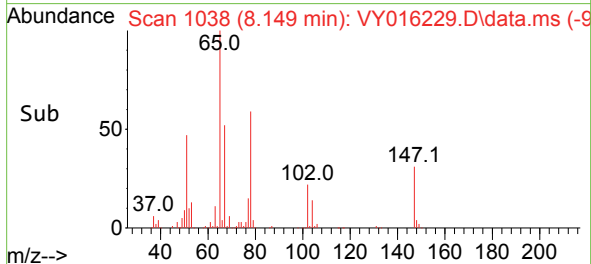
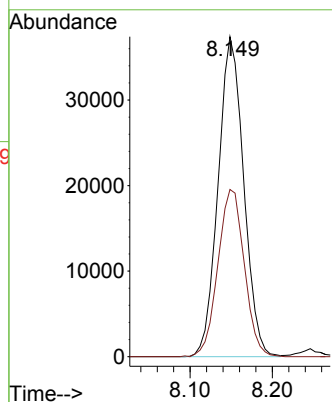
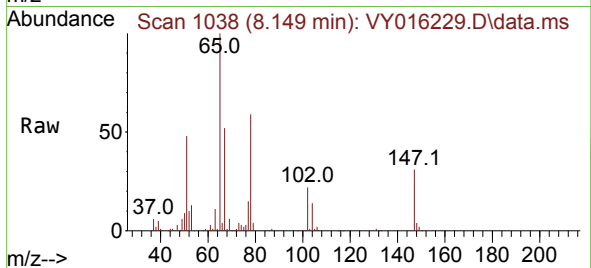
ClientSampleId :

Tgt Ion: 65 Resp: 80802

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

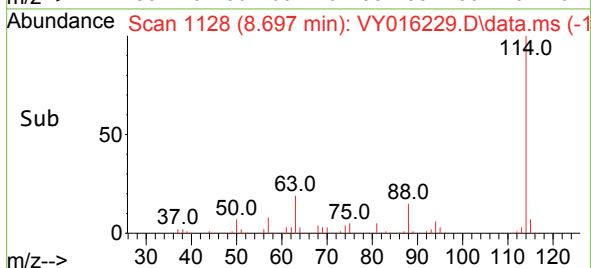
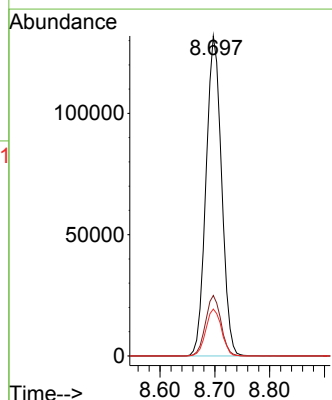
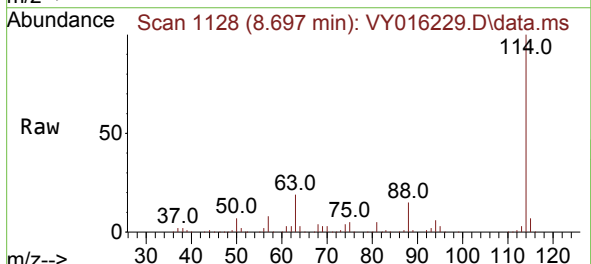
Tgt Ion:114 Resp: 259269

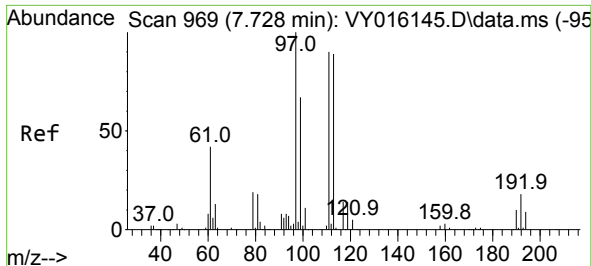
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

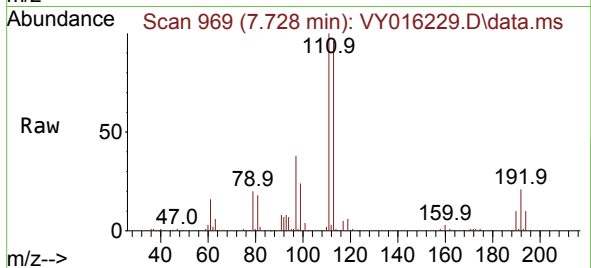
88 14.7 0.0 30.6



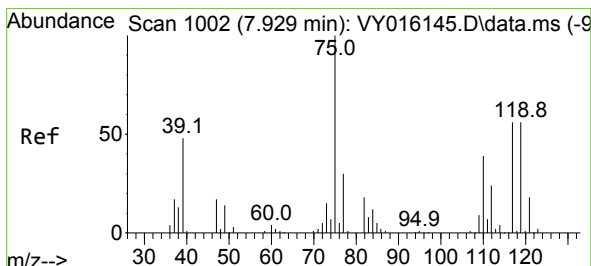
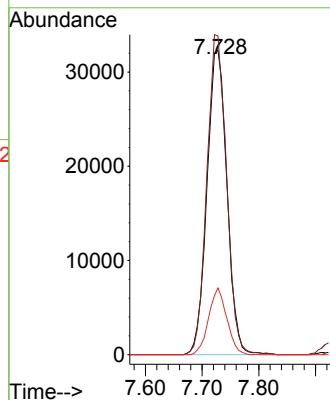
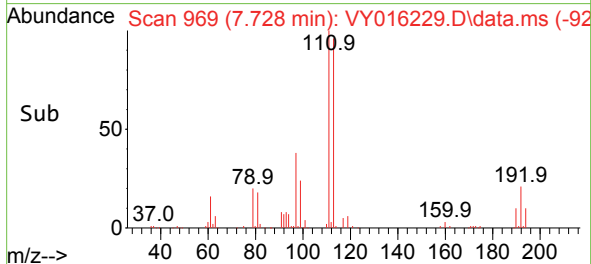


#35
Dibromofluoromethane
Concen: 51.216 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :

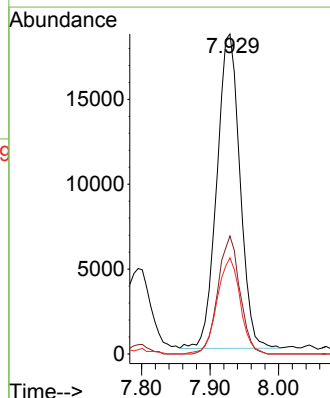
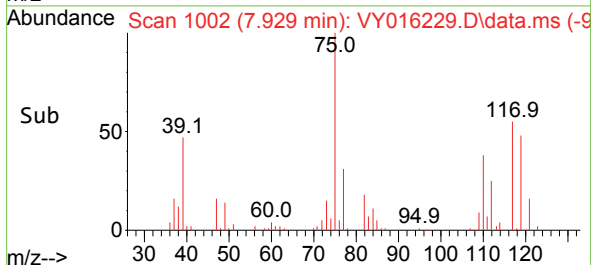
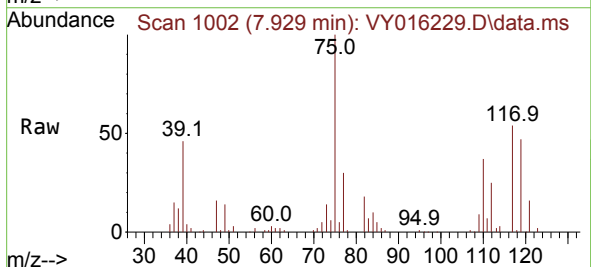


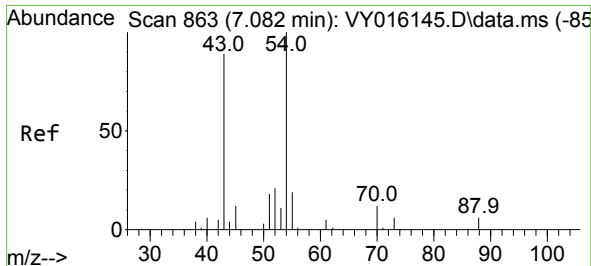
Tgt Ion:113 Resp: 79164
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.430 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 75 Resp: 43366
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 22.309 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY016229.D

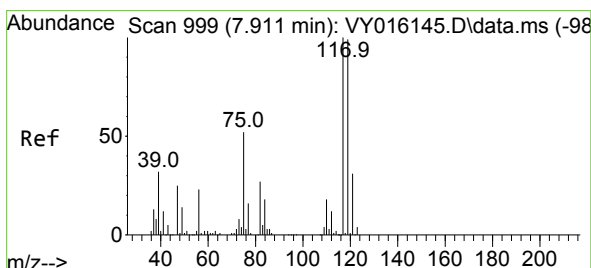
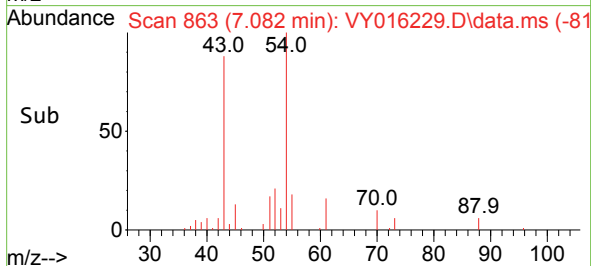
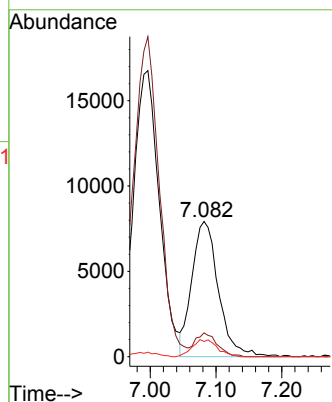
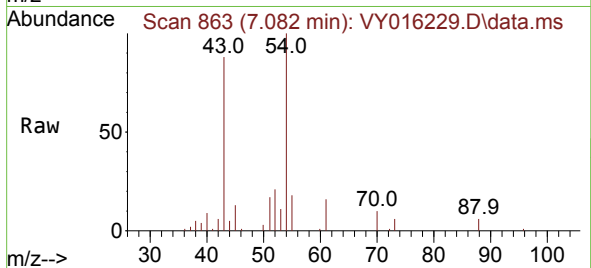
Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	22178
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.1	15.1
70	11.8	7.1	10.7



#38

Carbon Tetrachloride

Concen: 21.767 ug/l

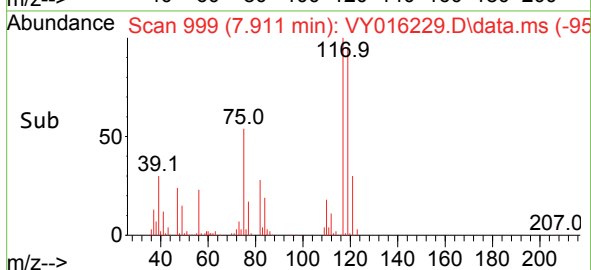
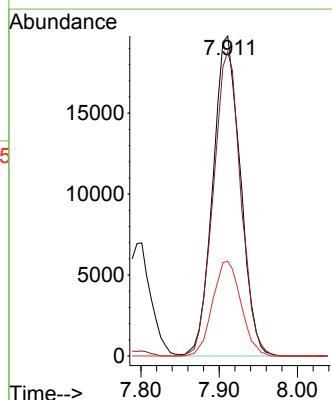
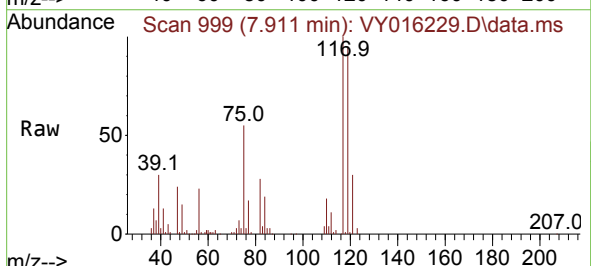
RT: 7.911 min Scan# 999

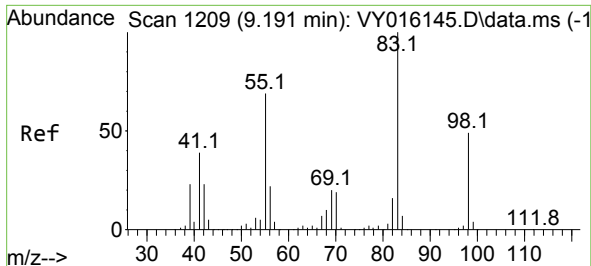
Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Tgt Ion:	117	Resp:	48133
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.4	114.6
121	29.6	25.8	38.6





#39

Methylcyclohexane

Concen: 18.598 ug/l

RT: 9.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

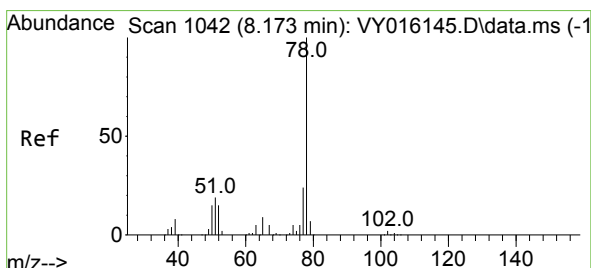
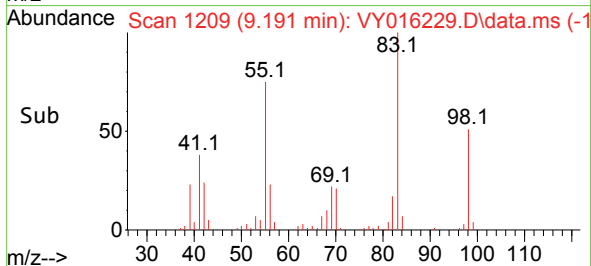
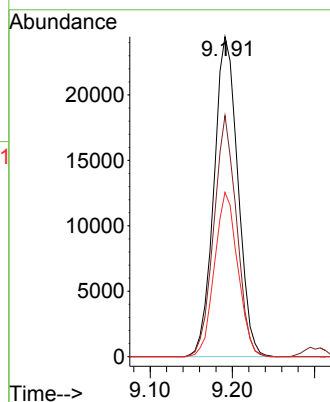
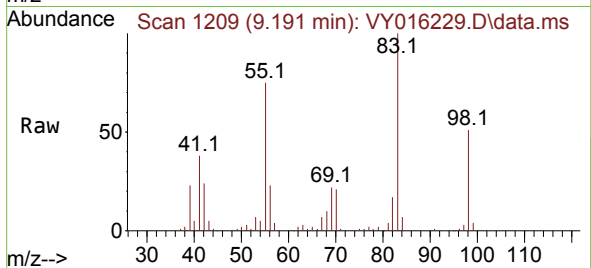
Tgt Ion: 83 Resp: 49548

Ion Ratio Lower Upper

83 100

55 75.4 63.0 94.4

98 51.4 37.4 56.2



#40

Benzene

Concen: 20.147 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016229.D

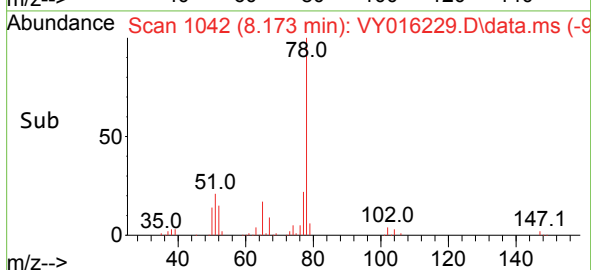
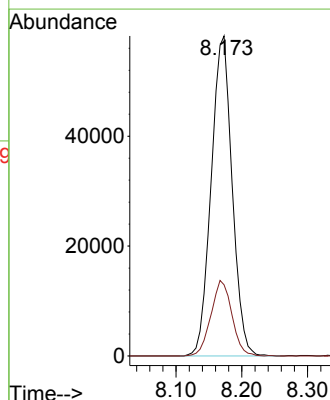
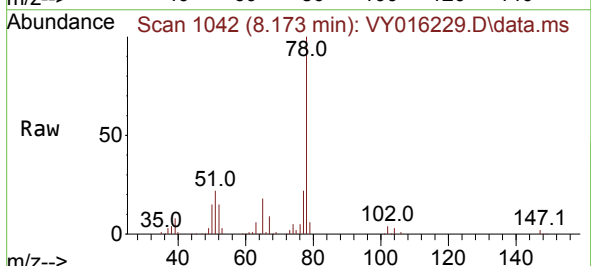
Acq: 06 Nov 2023 11:39

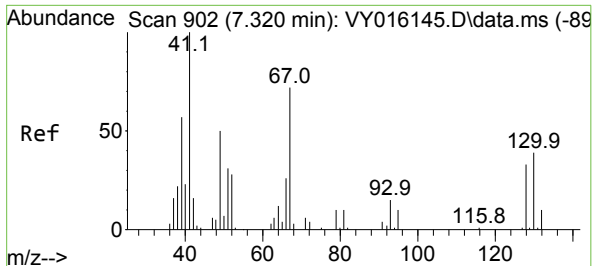
Tgt Ion: 78 Resp: 129097

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6

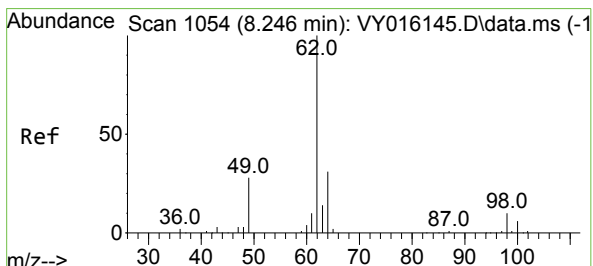
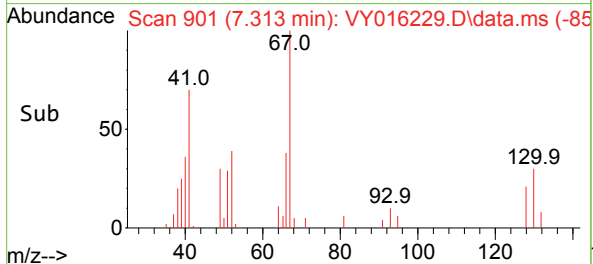
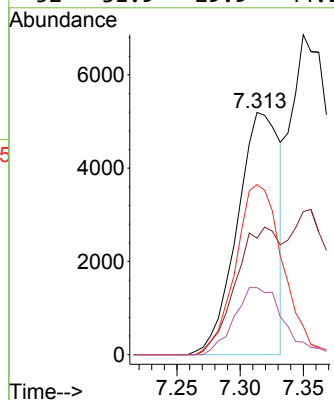
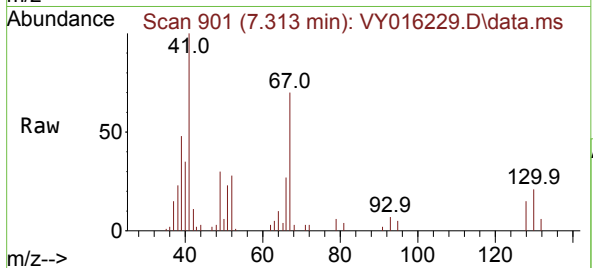




#41
Methacrylonitrile
Concen: 20.943 ug/l
RT: 7.313 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

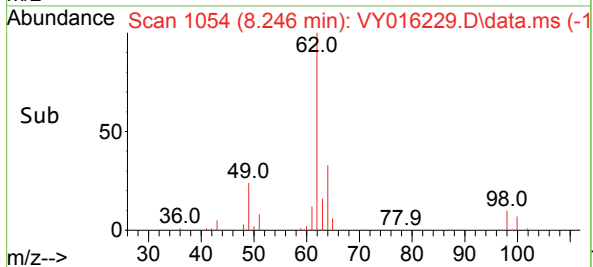
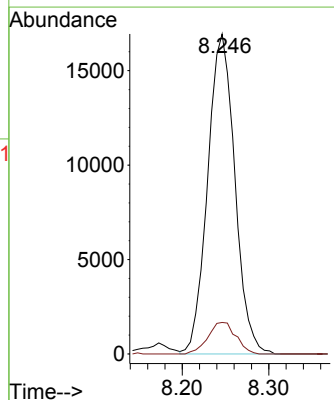
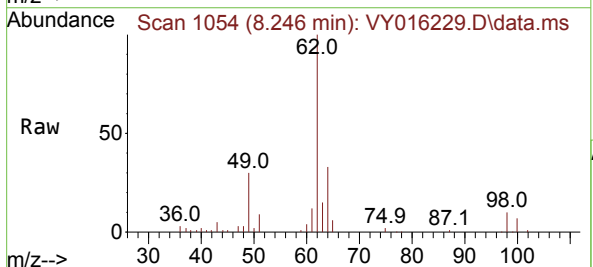
Instrument :
MSVOA_Y
ClientSampleId :

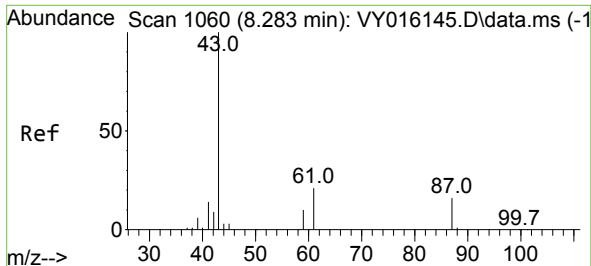
Tgt Ion:	41	Resp:	12085
Ion	Ratio	Lower	Upper
41	100		
39	54.5	52.1	78.1
67	78.2	66.2	99.2
52	31.9	29.9	44.9



#42
1,2-Dichloroethane
Concen: 20.672 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion:	62	Resp:	36966
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8

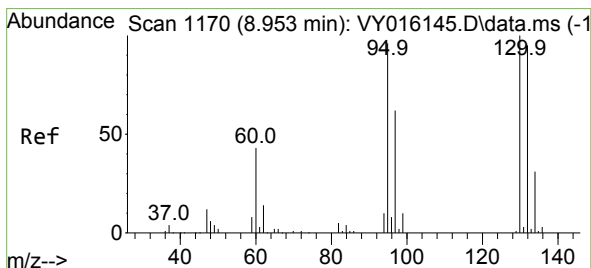
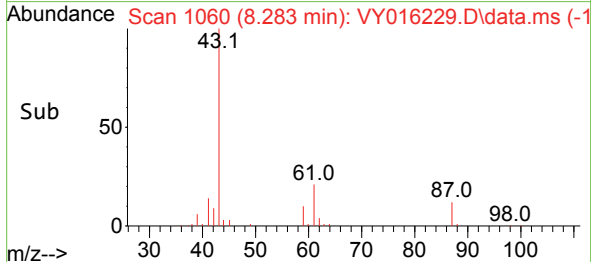
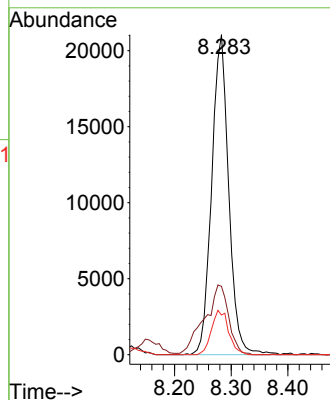
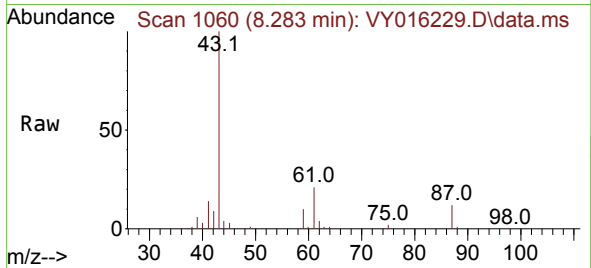




#43
Isopropyl Acetate
Concen: 22.290 ug/l
RT: 8.283 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

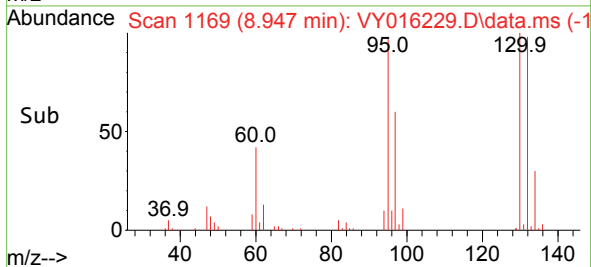
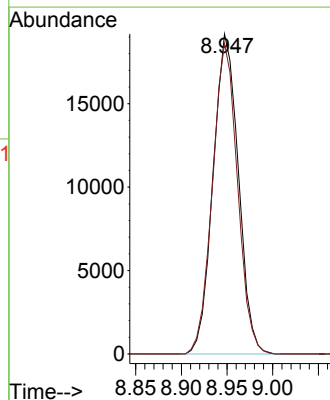
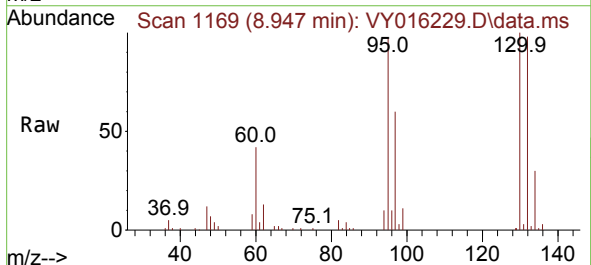
Instrument :
MSVOA_Y
ClientSampleId :

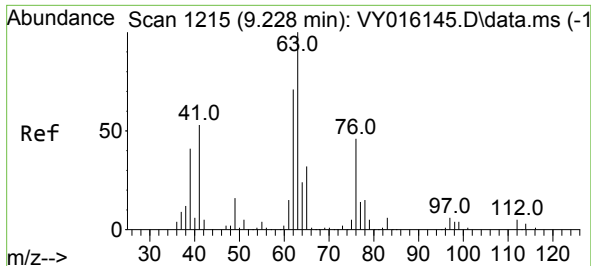
Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.9	21.1	31.7
87	14.0	9.8	14.8



#44
Trichloroethene
Concen: 19.706 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	196.0

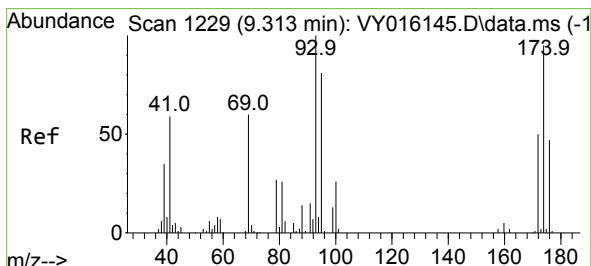
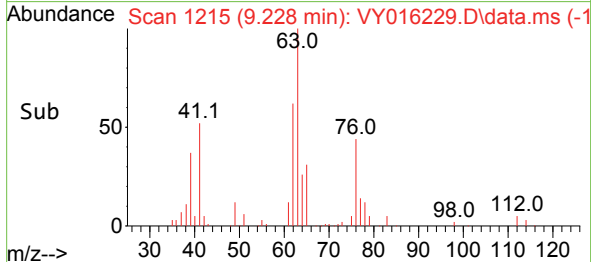
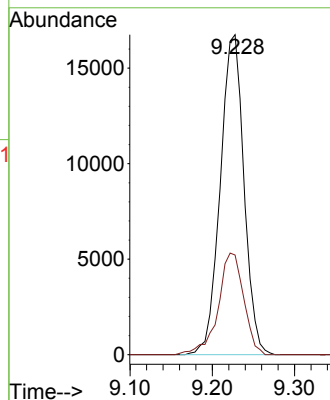
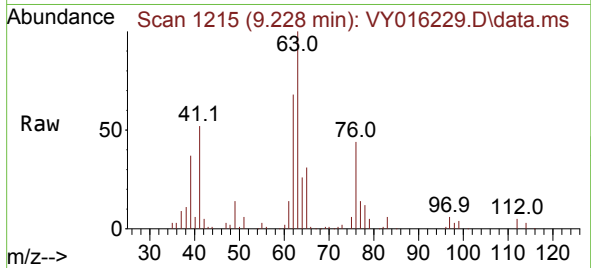




#45
1,2-Dichloropropane
Concen: 21.723 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

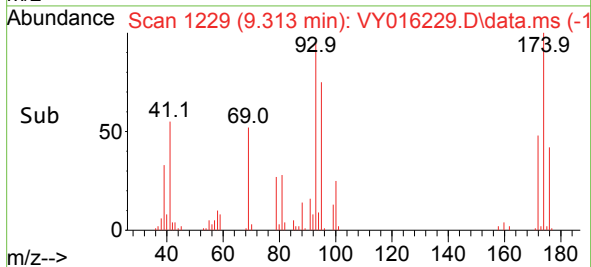
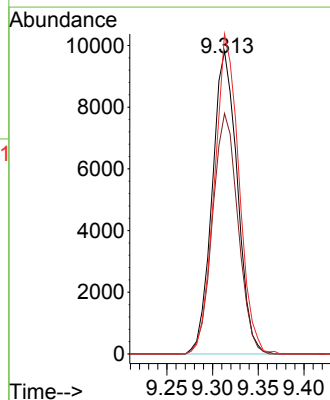
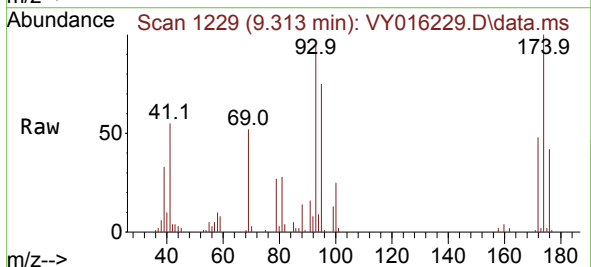
Instrument :
MSVOA_Y
ClientSampleId :

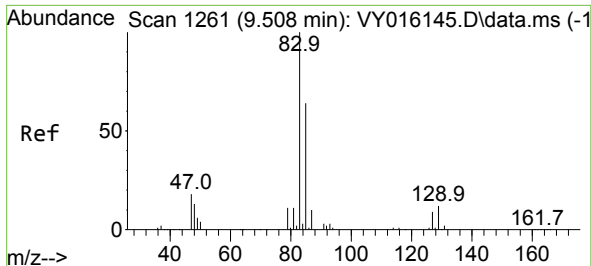
Tgt Ion: 63 Resp: 33485
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.6



#46
Dibromomethane
Concen: 21.405 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 93 Resp: 18717
Ion Ratio Lower Upper
93 100
95 80.5 66.6 100.0
174 103.3 84.8 127.2





#47

Bromodichloromethane

Concen: 21.957 ug/l

RT: 9.502 min Scan# 1261

Delta R.T. -0.006 min

Lab File: VY016229.D

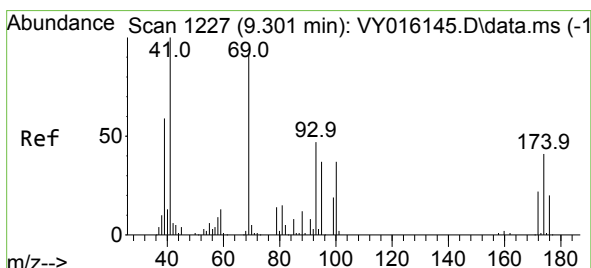
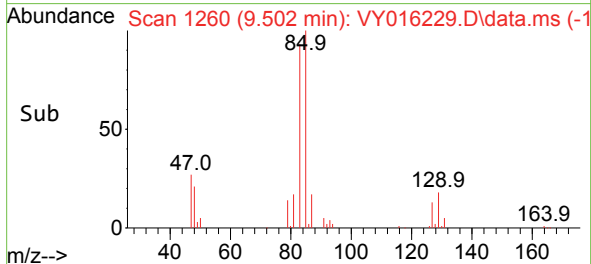
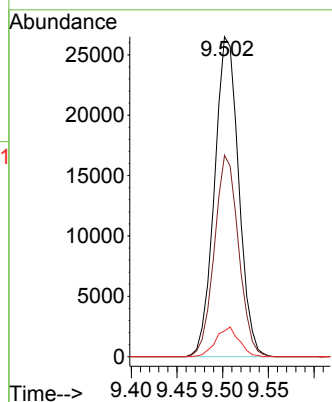
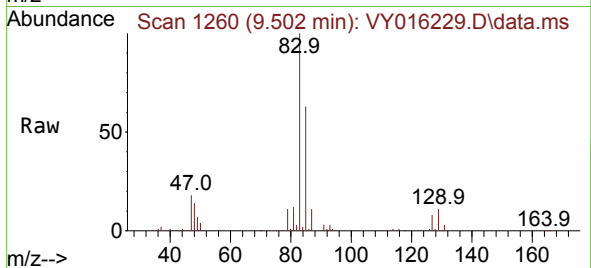
Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 48782
Ion Ratio	Lower Upper
83	100
85	62.9 50.1 75.1
127	8.0 7.1 10.7



#48

Methyl methacrylate

Concen: 20.542 ug/l

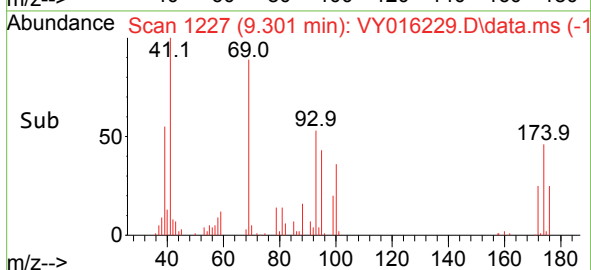
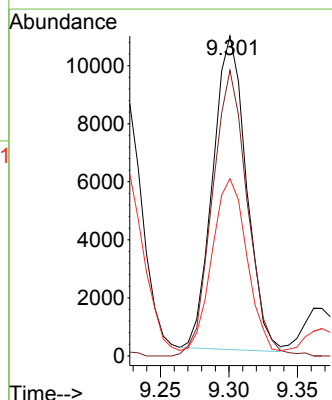
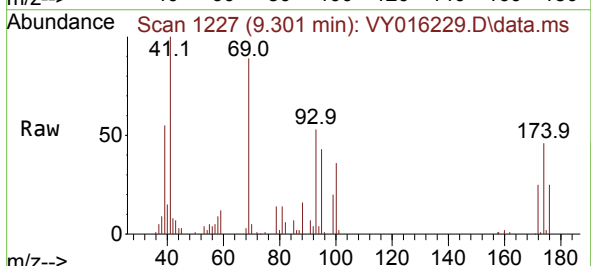
RT: 9.301 min Scan# 1227

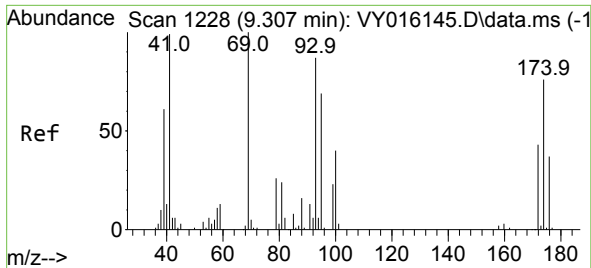
Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Tgt Ion: 41	Resp: 18368
Ion Ratio	Lower Upper
41	100
69	95.4 64.5 96.7
39	60.6 50.8 76.2

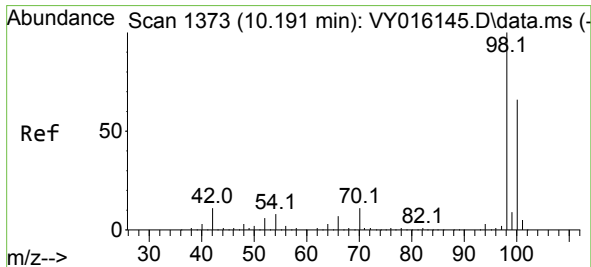
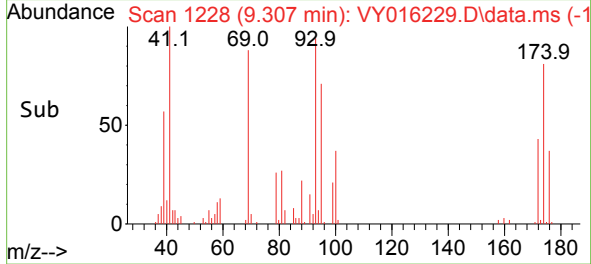
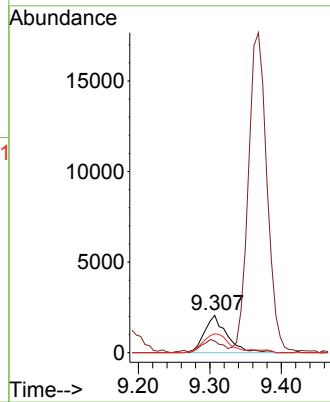
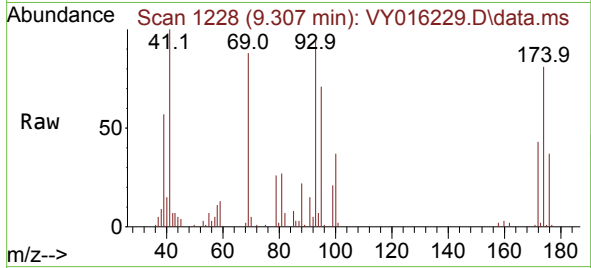




#49
1,4-Dioxane
Concen: 358.500 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

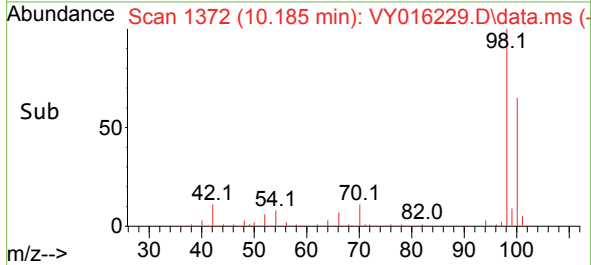
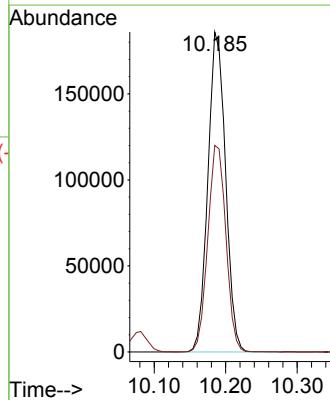
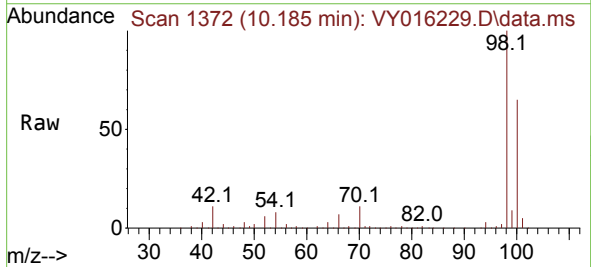
Instrument :
MSVOA_Y
ClientSampleId :

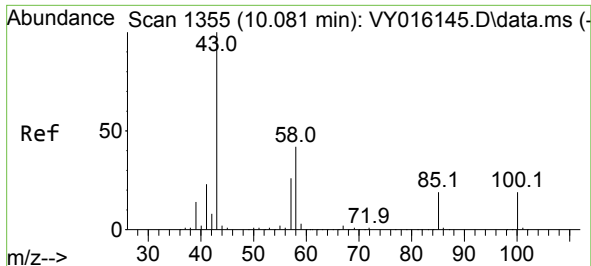
Tgt Ion: 88 Resp: 4504
Ion Ratio Lower Upper
88 100
43 30.4 0.0 0.0#
58 57.1 30.9 46.3#



#50
Toluene-d8
Concen: 52.119 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 98 Resp: 319405
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1

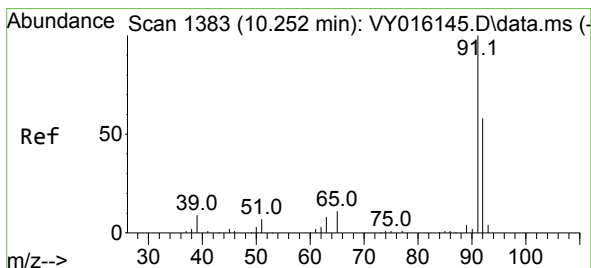
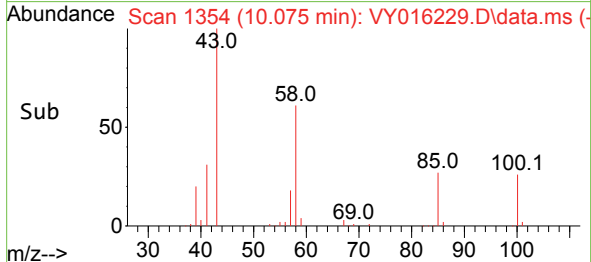
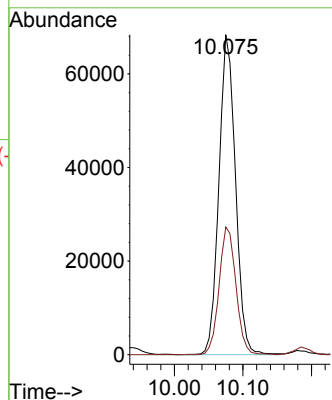
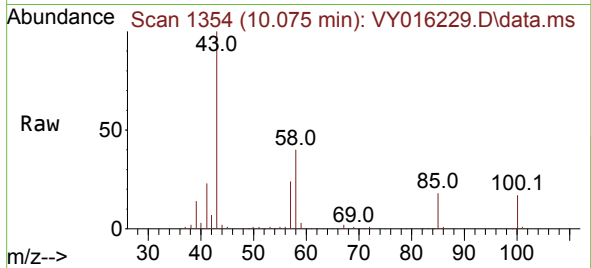




#51
4-Methyl-2-Pentanone
Concen: 116.593 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

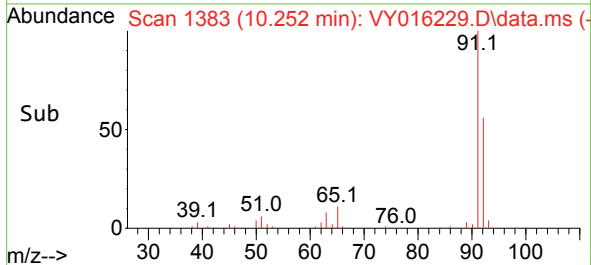
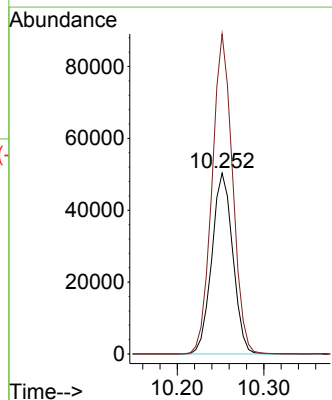
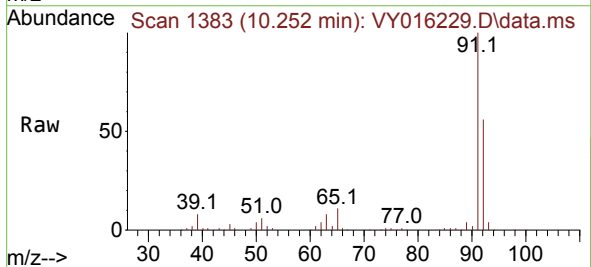
Instrument :
MSVOA_Y
ClientSampleId :

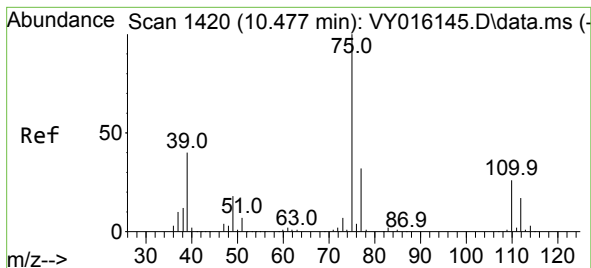
Tgt Ion: 43 Resp: 114398
Ion Ratio Lower Upper
43 100
58 40.6 29.0 43.6



#52
Toluene
Concen: 20.367 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 92 Resp: 84567
Ion Ratio Lower Upper
92 100
91 173.4 143.8 215.6

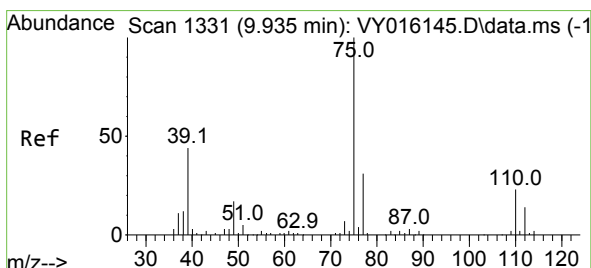
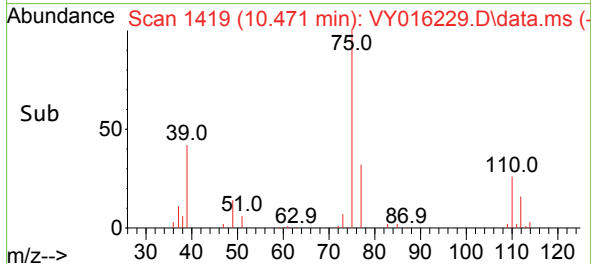
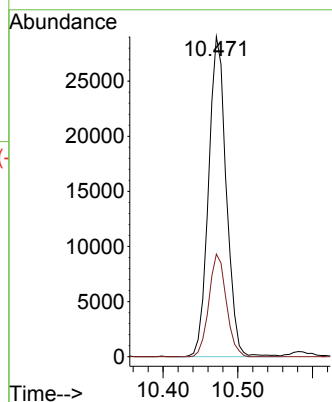
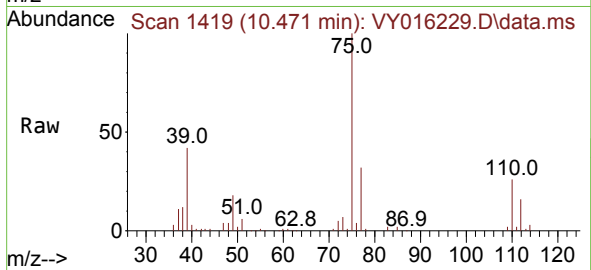




#53
 t-1,3-Dichloropropene
 Concen: 21.548 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY016229.D
 Acq: 06 Nov 2023 11:39

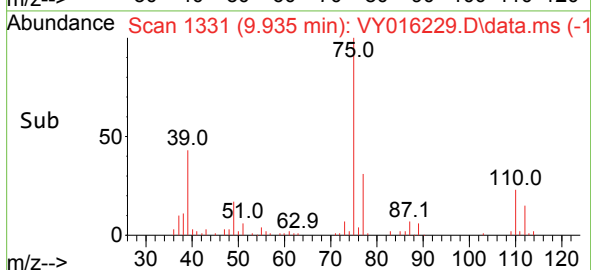
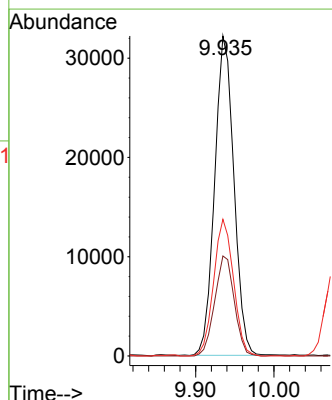
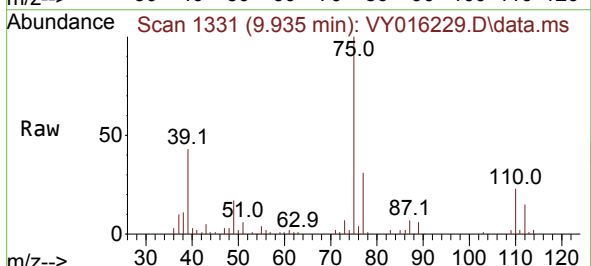
Instrument :
 MSVOA_Y
 ClientSampleId :

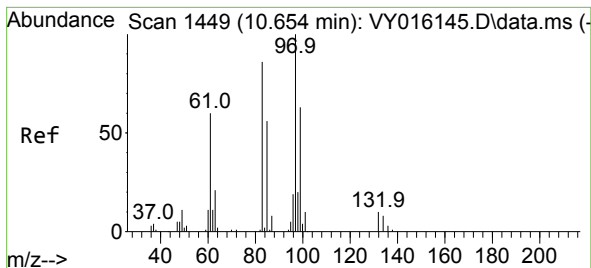
Tgt Ion: 75 Resp: 47791
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.130 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY016229.D
 Acq: 06 Nov 2023 11:39

Tgt Ion: 75 Resp: 54991
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 42.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.936 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 26981

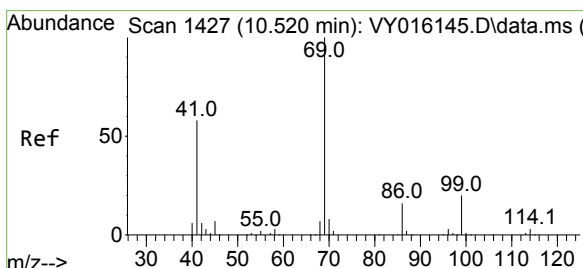
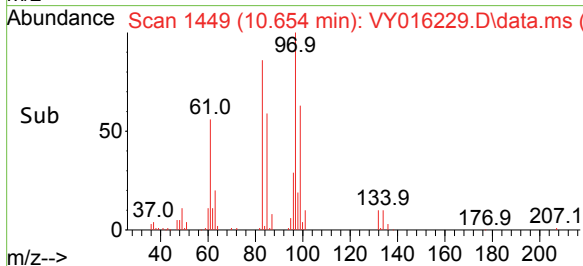
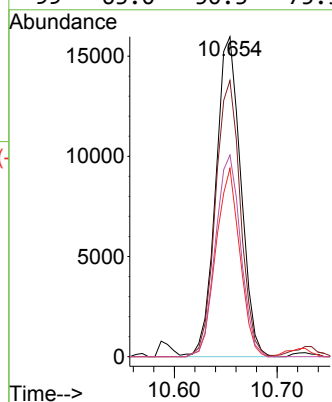
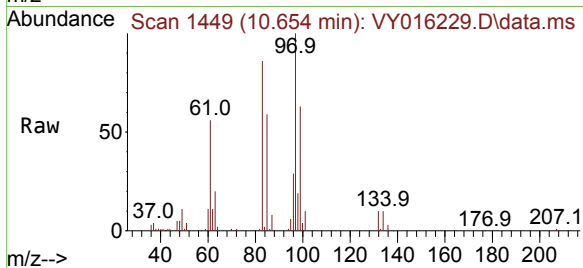
Ion Ratio Lower Upper

97 100

83 86.3 72.0 108.0

85 58.8 45.4 68.0

99 63.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.415 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

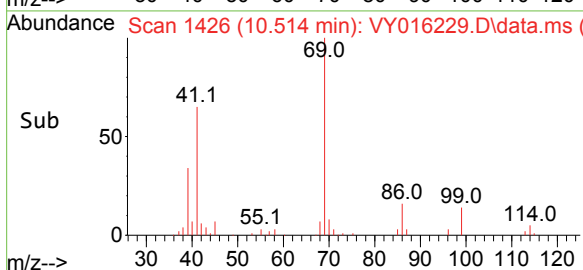
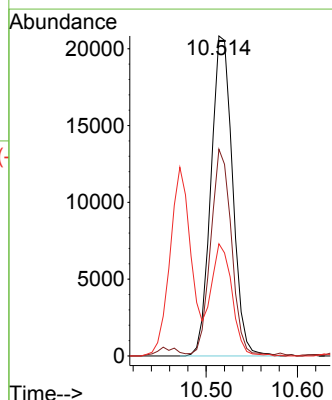
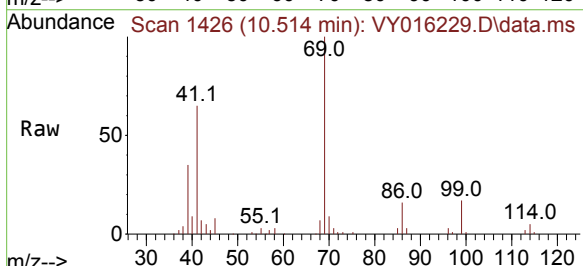
Tgt Ion: 69 Resp: 34209

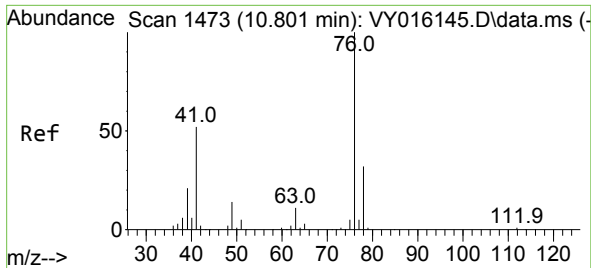
Ion Ratio Lower Upper

69 100

41 61.5 57.6 86.4

39 34.0 34.1 51.1#

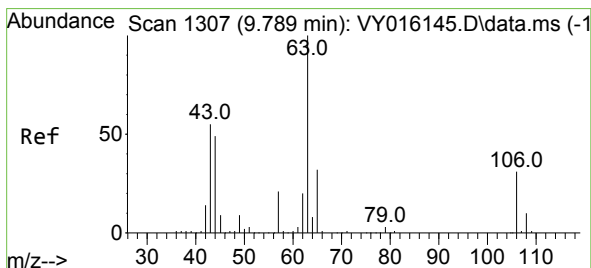
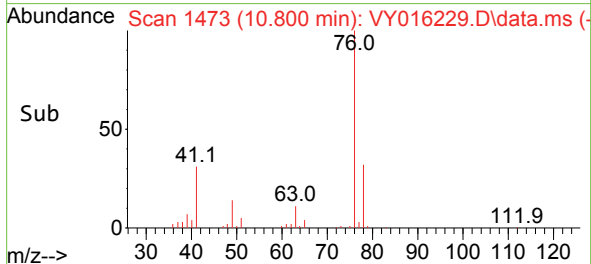
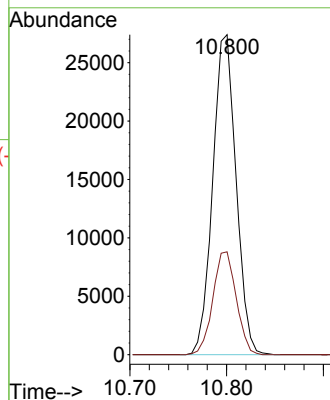
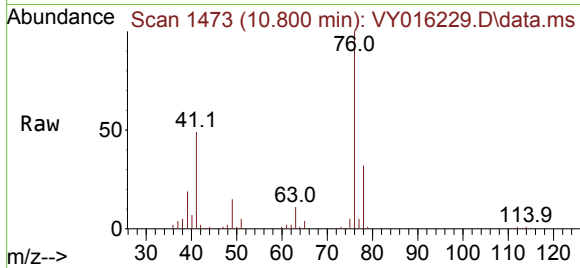




#57
1,3-Dichloropropane
Concen: 21.929 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

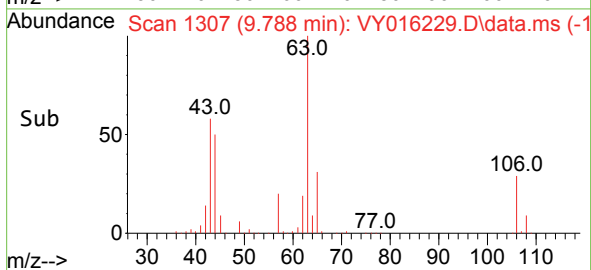
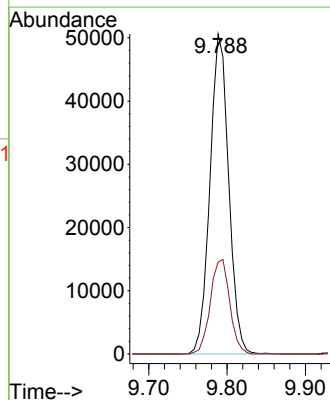
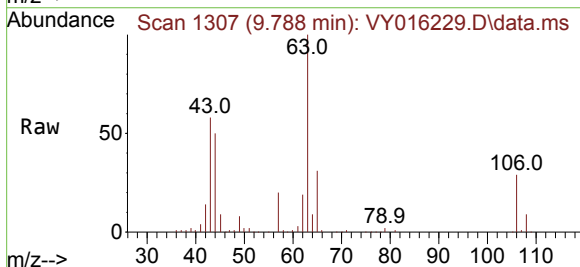
Instrument :
MSVOA_Y
ClientSampleId :

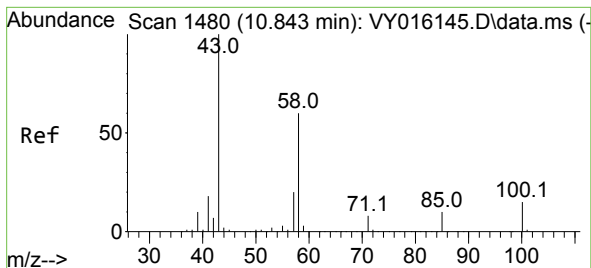
Tgt Ion: 76 Resp: 45918
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 108.429 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 63 Resp: 83988
Ion Ratio Lower Upper
63 100
106 30.5 21.2 31.8

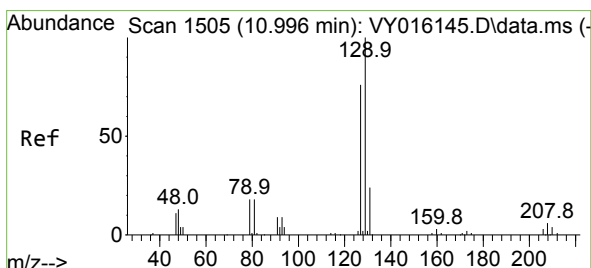
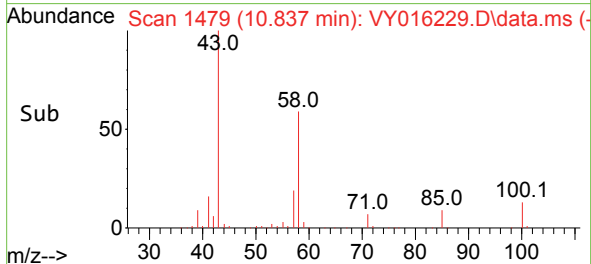
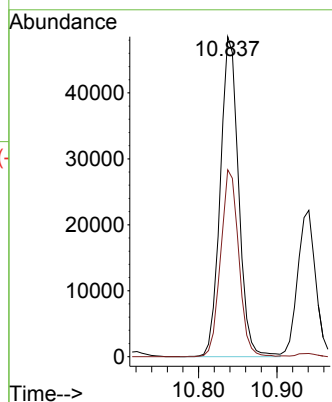
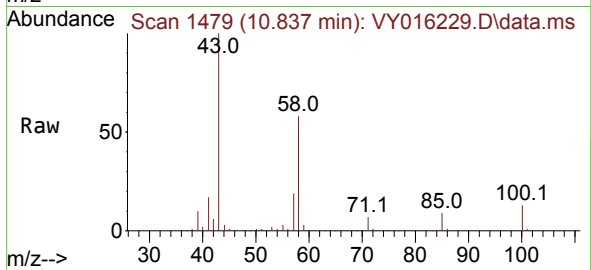




#59
2-Hexanone
Concen: 117.402 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

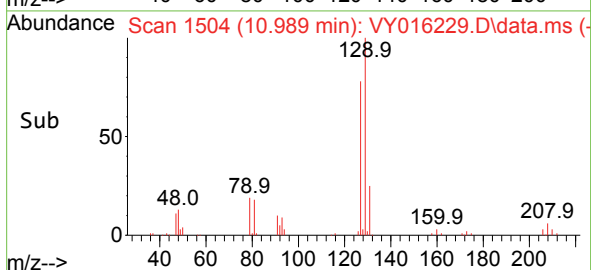
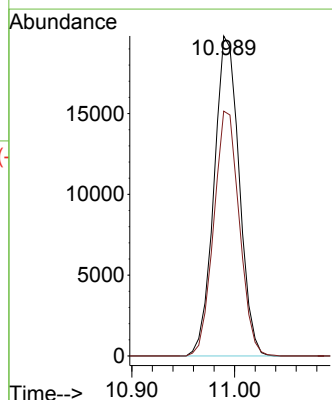
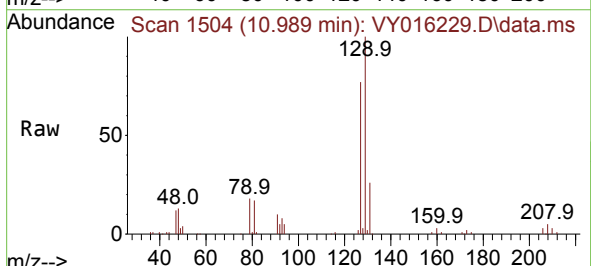
Instrument :
MSVOA_Y
ClientSampleId :

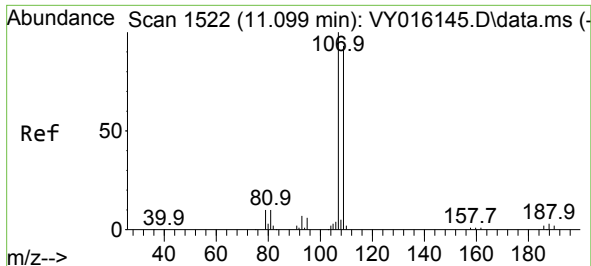
Tgt Ion: 43 Resp: 78936
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3



#60
Dibromochloromethane
Concen: 21.794 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 129 Resp: 33631
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

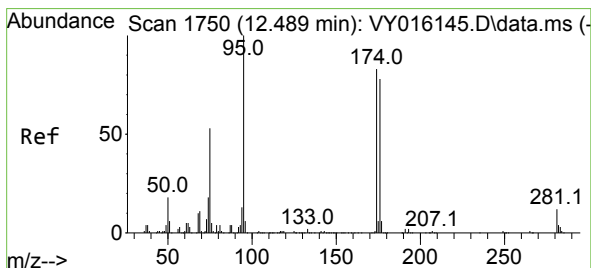
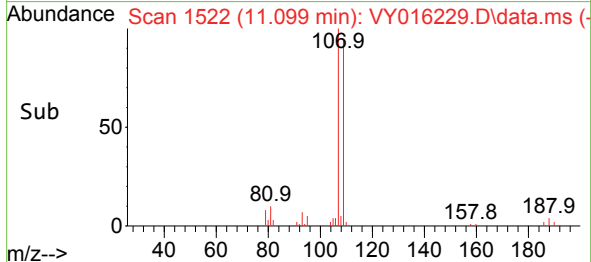
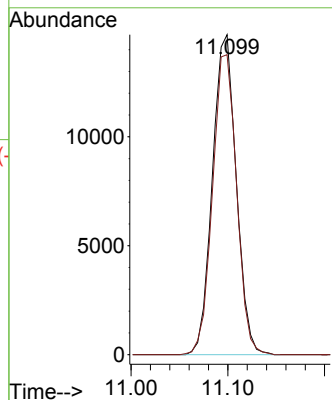
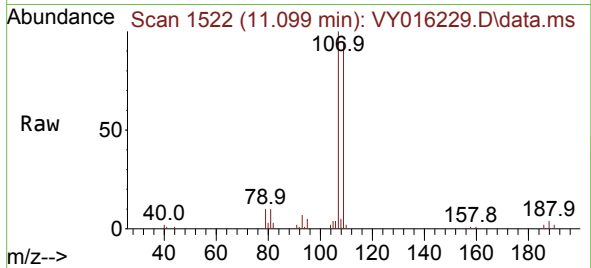




#61
1,2-Dibromoethane
Concen: 21.427 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

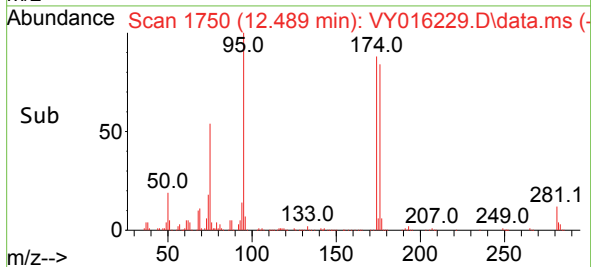
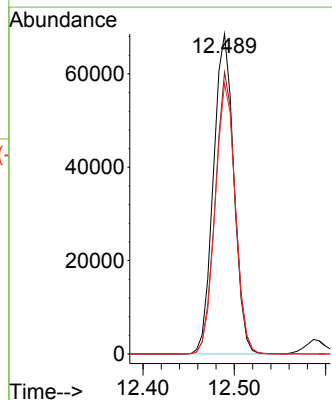
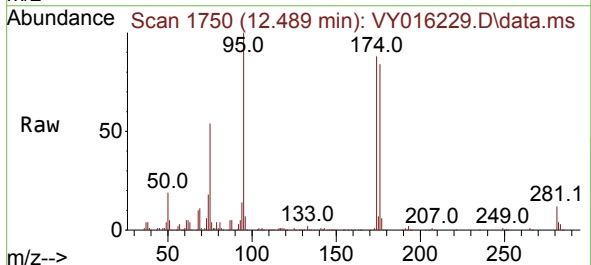
Instrument :
MSVOA_Y
ClientSampleId :

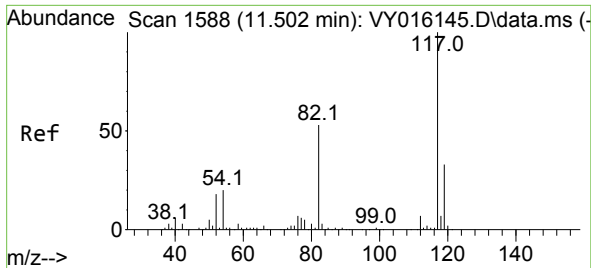
Tgt Ion:107 Resp: 25068
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.656 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

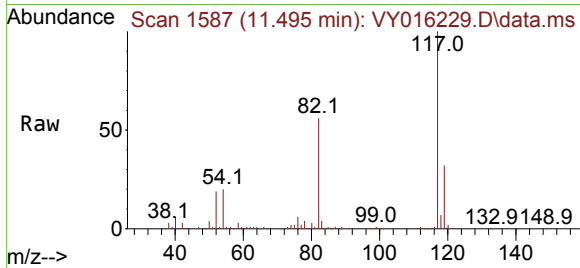
Tgt Ion: 95 Resp: 106153
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.6 0.0 173.8



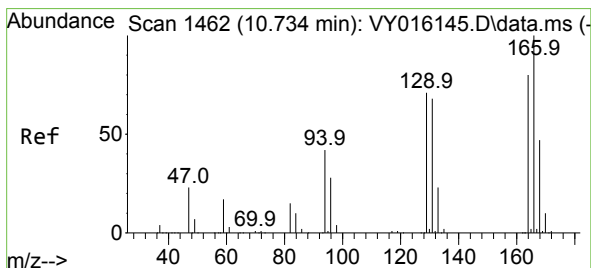
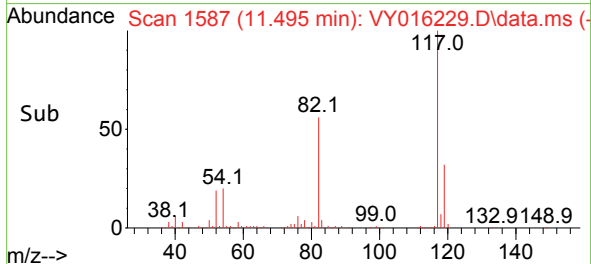
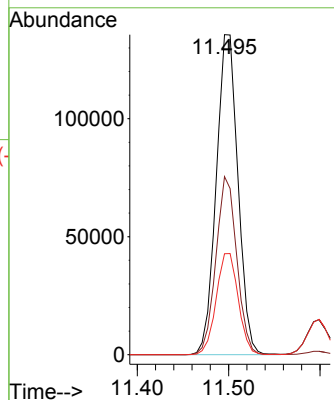


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :

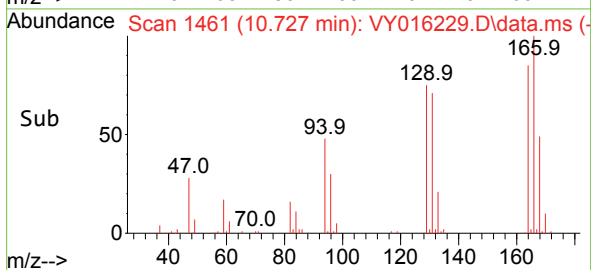
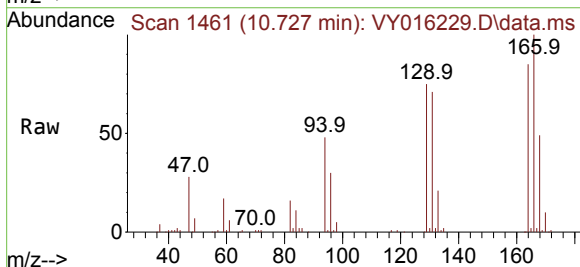
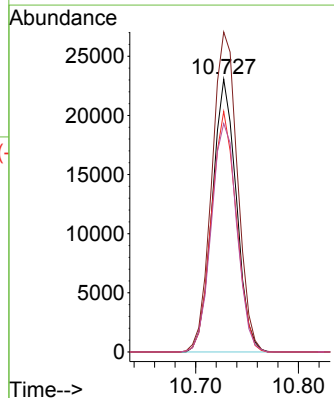


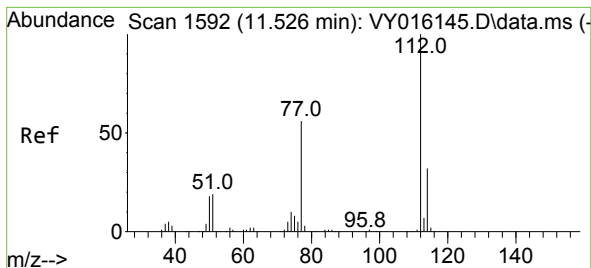
Tgt Ion:117 Resp: 224036
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 31.5 26.3 39.5



#64
Tetrachloroethene
Concen: 18.826 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion:164 Resp: 37516
Ion Ratio Lower Upper
164 100
166 117.3 103.0 154.6
129 88.1 77.2 115.8
131 83.8 69.6 104.4





#65

Chlorobenzene

Concen: 20.765 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

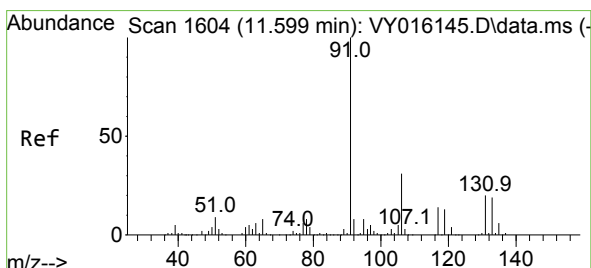
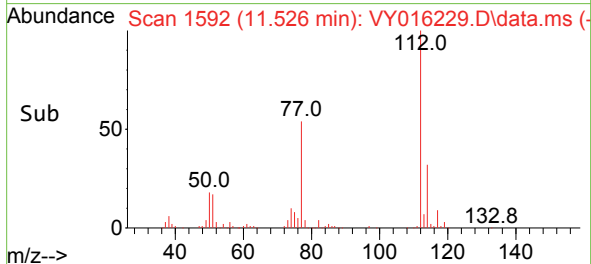
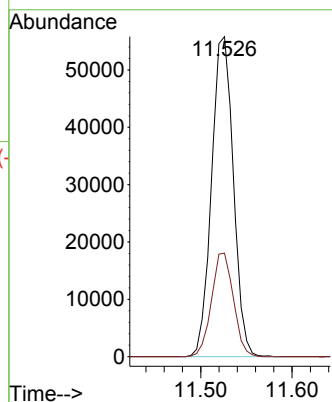
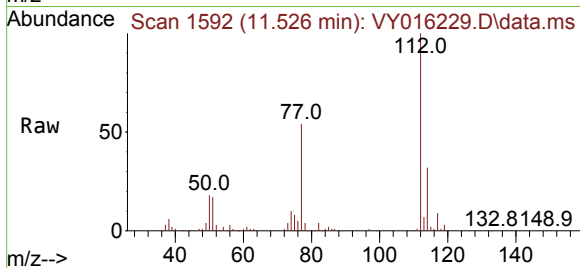
ClientSampleId :

Tgt Ion:112 Resp: 92428

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.824 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

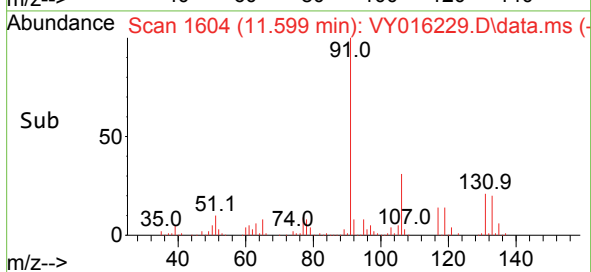
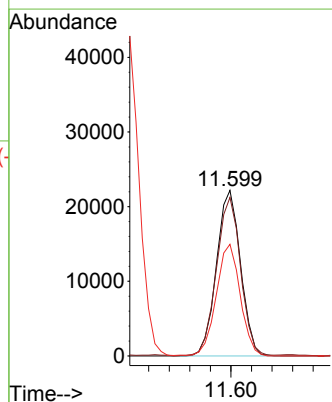
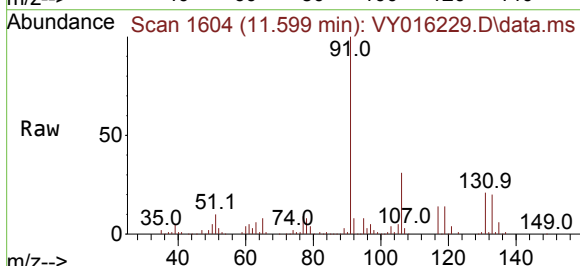
Tgt Ion:131 Resp: 35979

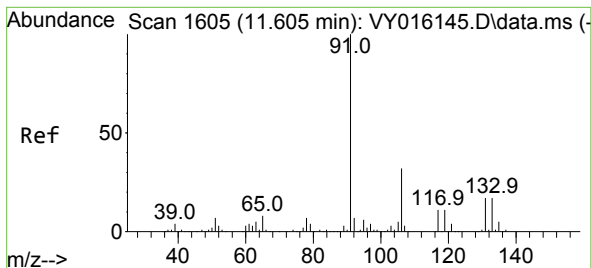
Ion Ratio Lower Upper

131 100

133 96.5 47.5 142.6

119 67.2 31.6 94.7





#67

Ethyl Benzene

Concen: 20.545 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

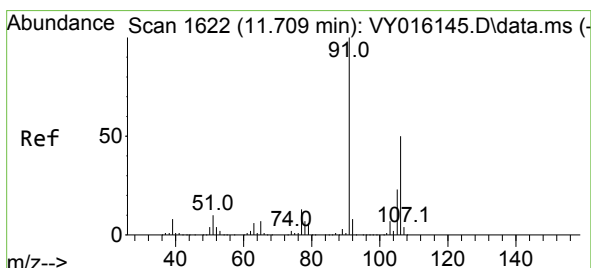
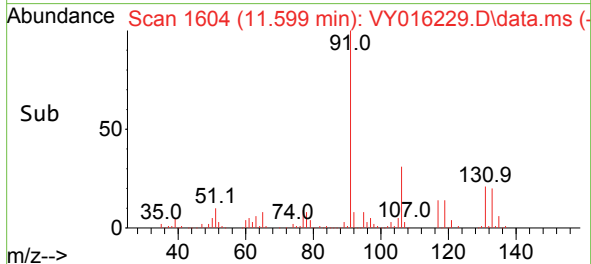
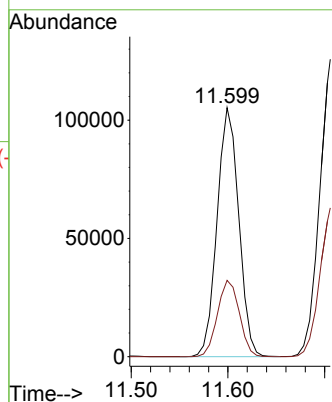
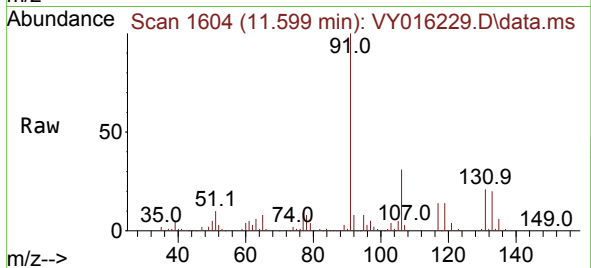
ClientSampleId :

Tgt Ion: 91 Resp: 163564

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 41.299 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016229.D

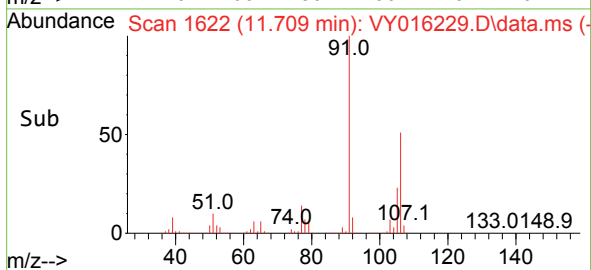
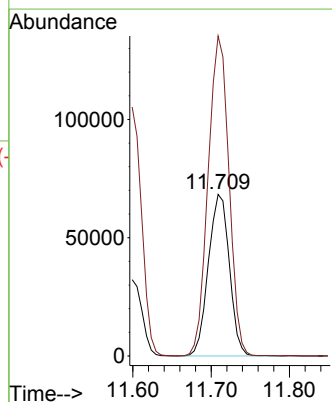
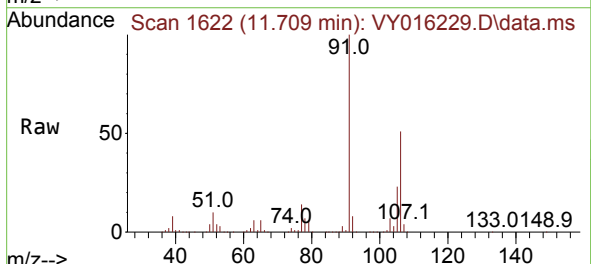
Acq: 06 Nov 2023 11:39

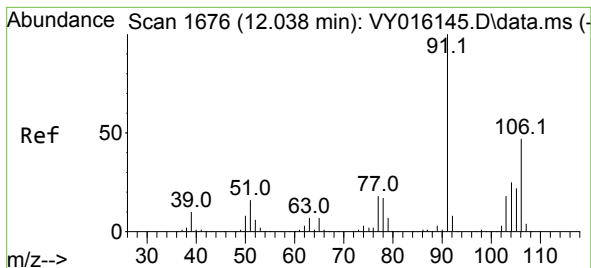
Tgt Ion:106 Resp: 127049

Ion Ratio Lower Upper

106 100

91 197.1 166.1 249.1





#69

o-Xylene

Concen: 20.582 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

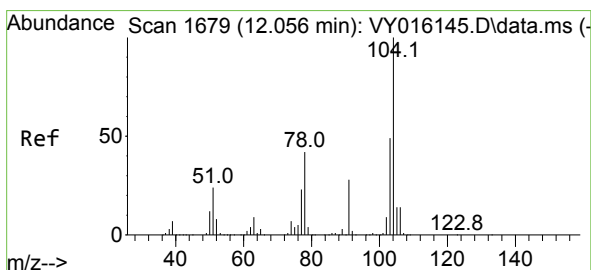
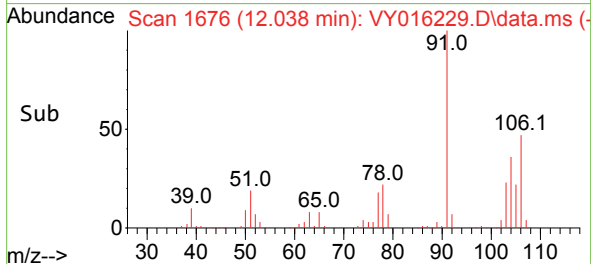
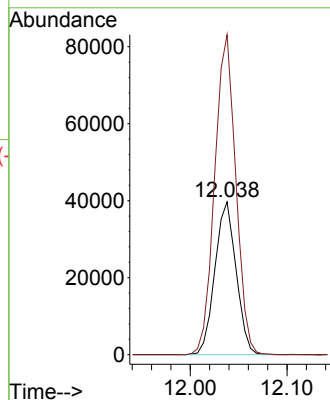
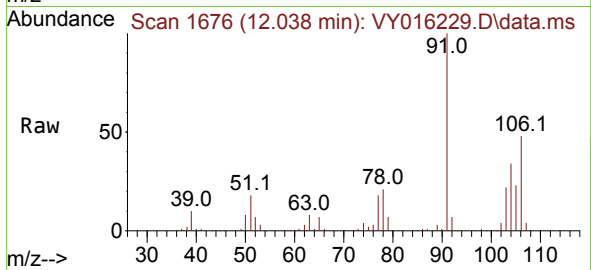
ClientSampleId :

Tgt Ion:106 Resp: 60454

Ion Ratio Lower Upper

106 100

91 208.9 108.1 324.3



#70

Styrene

Concen: 20.380 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

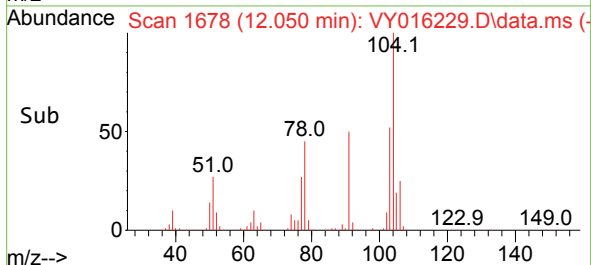
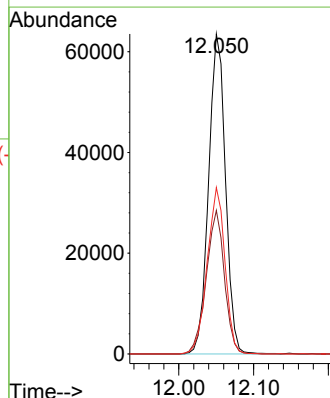
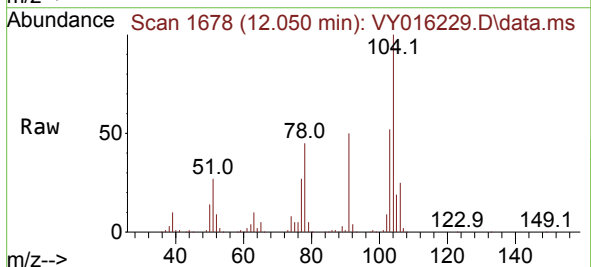
Tgt Ion:104 Resp: 99515

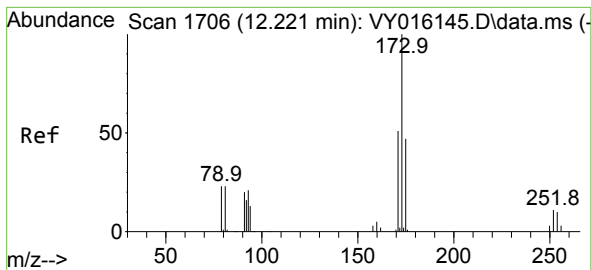
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 55.0 44.6 67.0





#71

Bromoform

Concen: 22.364 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

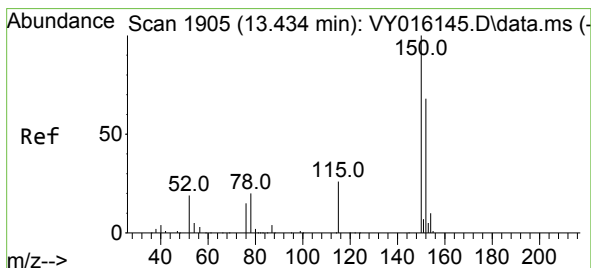
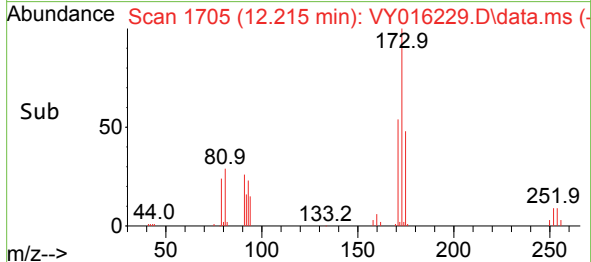
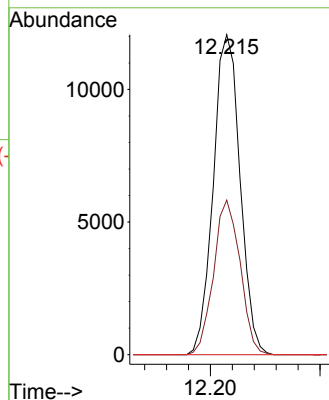
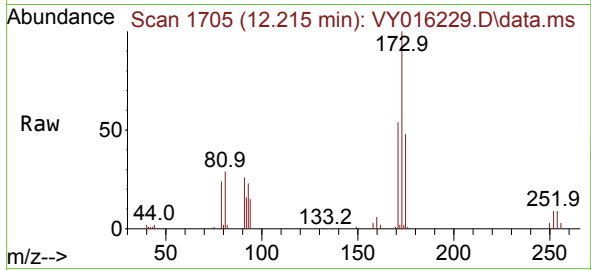
Tgt Ion:173 Resp: 20454

Ion Ratio Lower Upper

173 100

175 47.9 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: VY016229.D

Acq: 06 Nov 2023 11:39

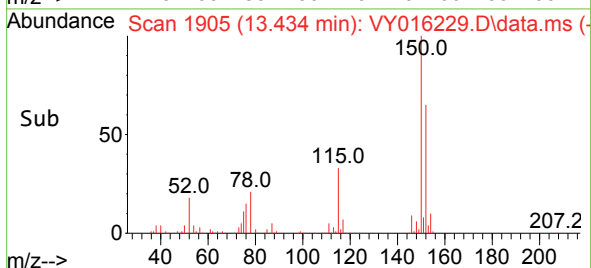
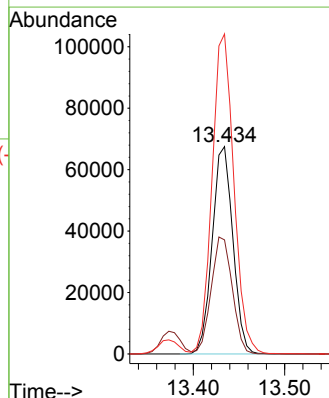
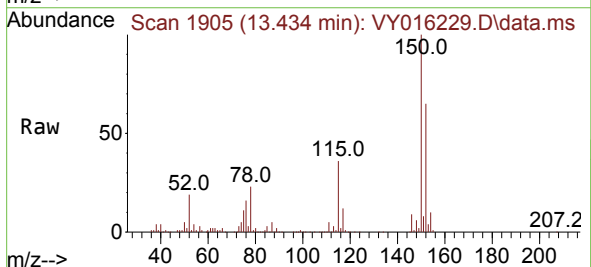
Tgt Ion:152 Resp: 106250

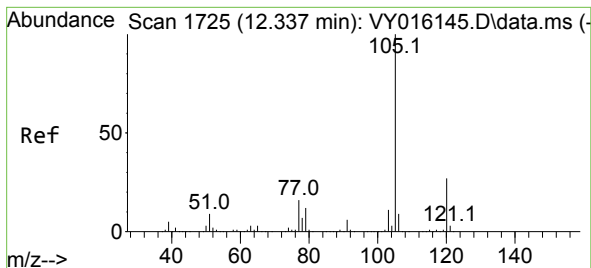
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 162.4 0.0 348.8





#73

Isopropylbenzene

Concen: 20.383 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

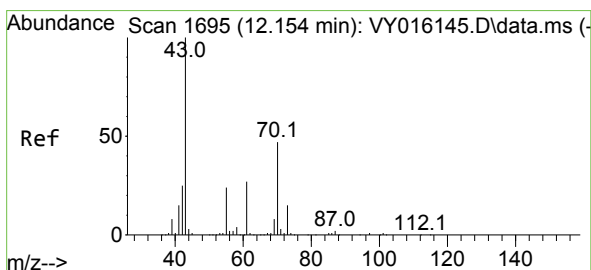
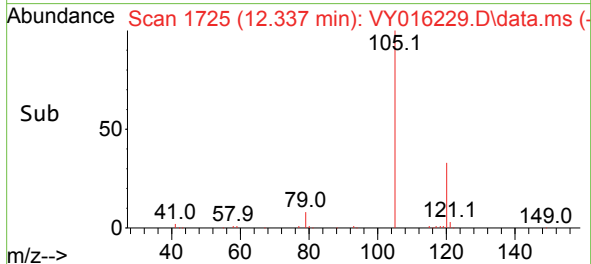
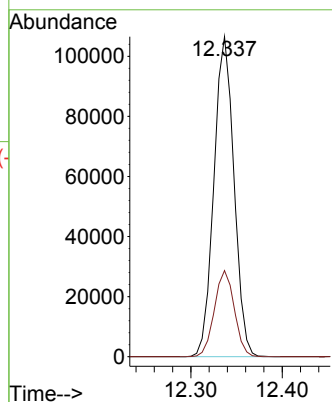
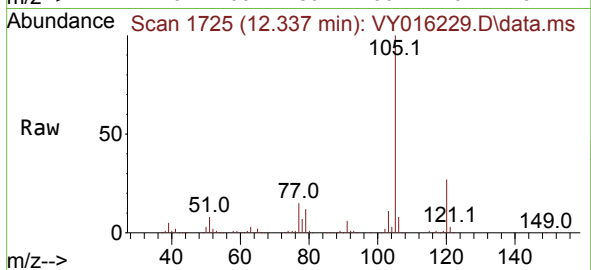
ClientSampleId :

Tgt Ion:105 Resp: 162457

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 21.042 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Tgt Ion: 43 Resp: 36444

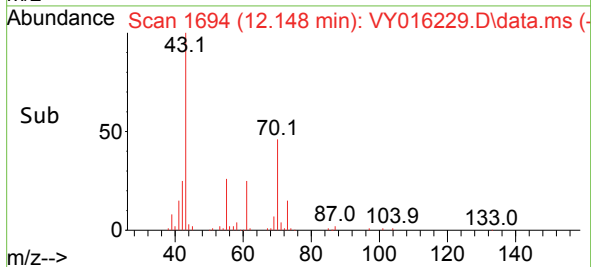
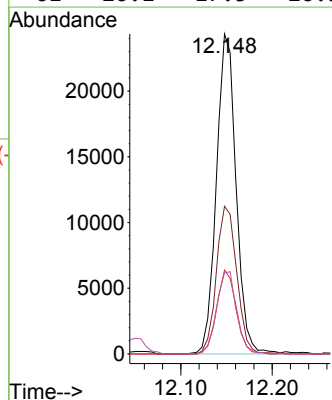
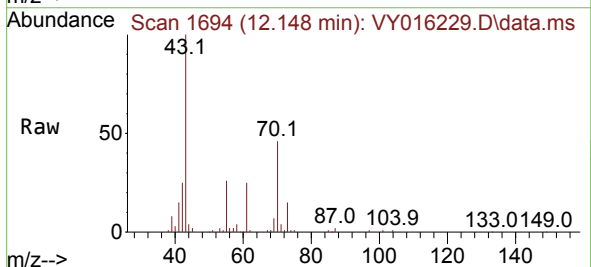
Ion Ratio Lower Upper

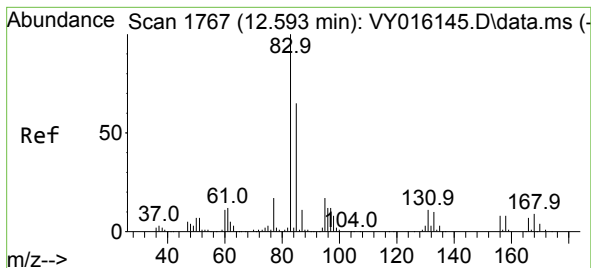
43 100

70 47.9 29.7 44.5#

55 25.9 18.3 27.5

61 26.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.156 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

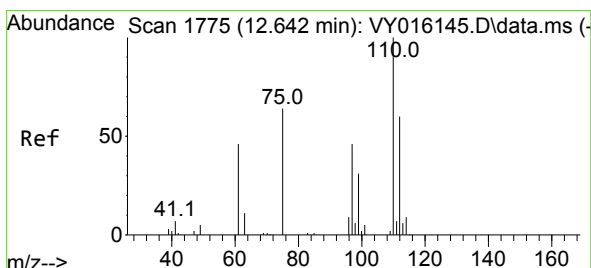
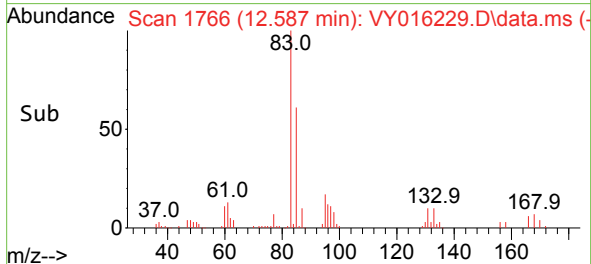
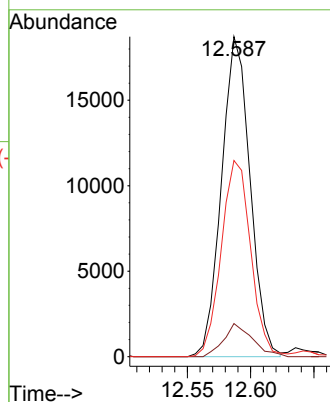
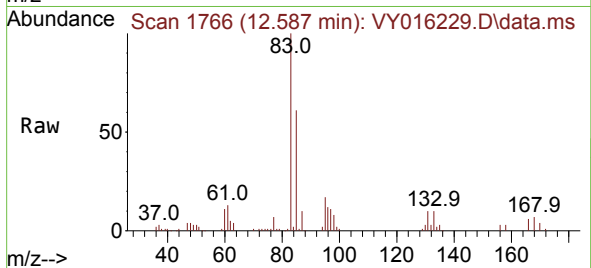
Tgt Ion: 83 Resp: 29368

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 63.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 39.039 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016229.D

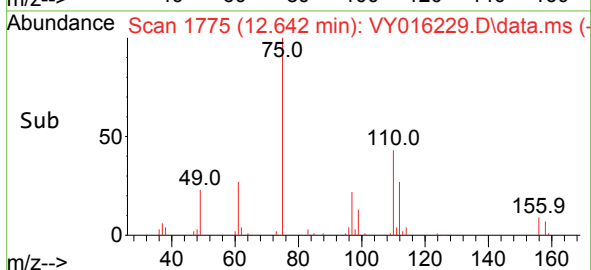
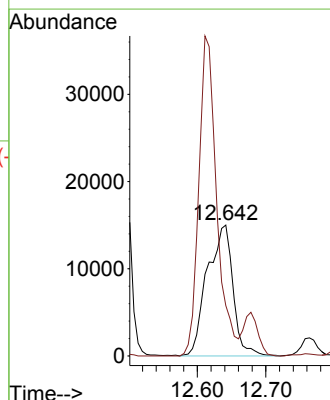
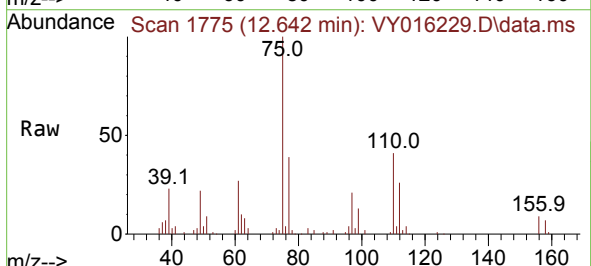
Acq: 06 Nov 2023 11:39

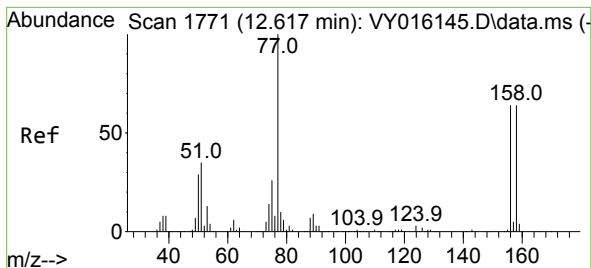
Tgt Ion: 75 Resp: 39061

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.850 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

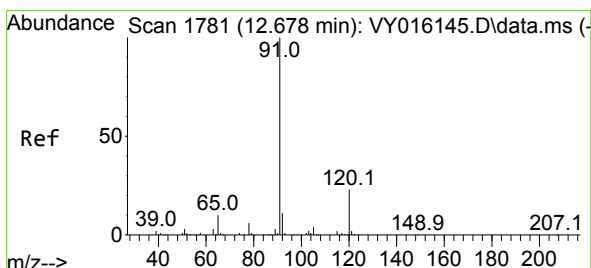
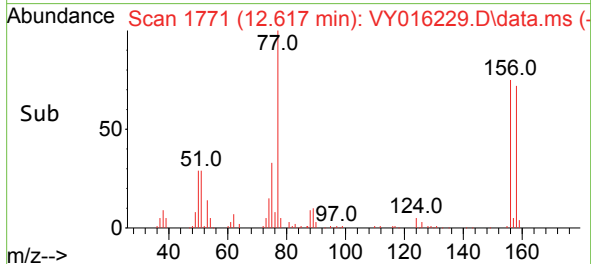
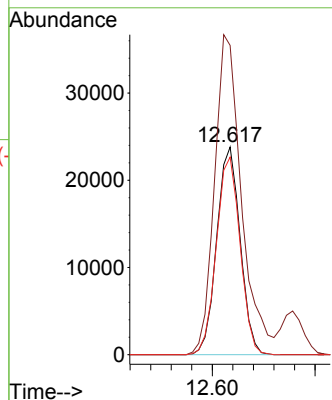
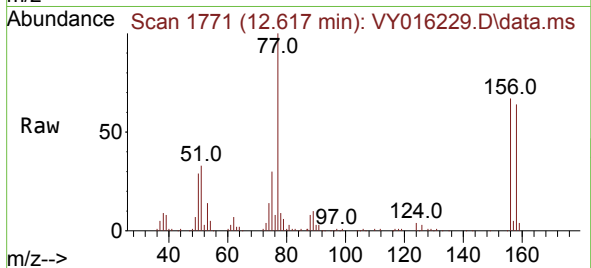
Tgt Ion:156 Resp: 37627

Ion Ratio Lower Upper

156 100

77 177.4 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 20.493 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016229.D

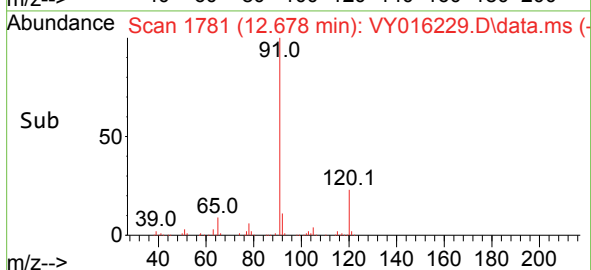
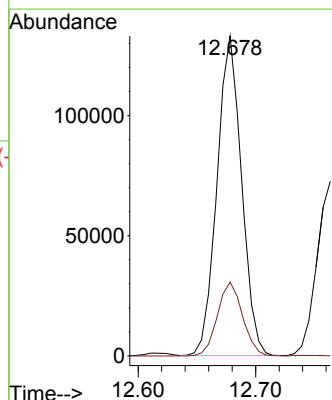
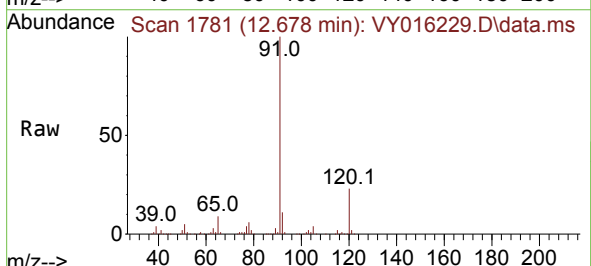
Acq: 06 Nov 2023 11:39

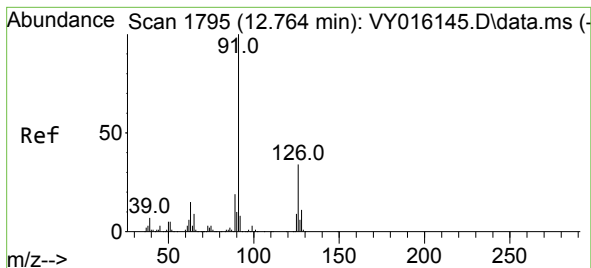
Tgt Ion: 91 Resp: 193100

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

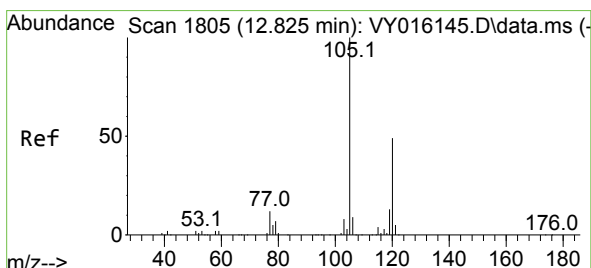
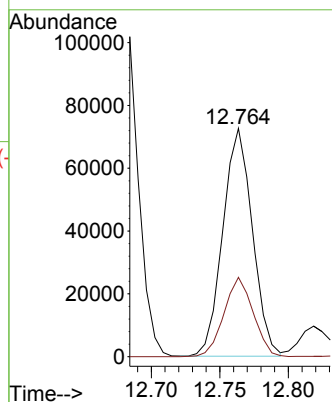
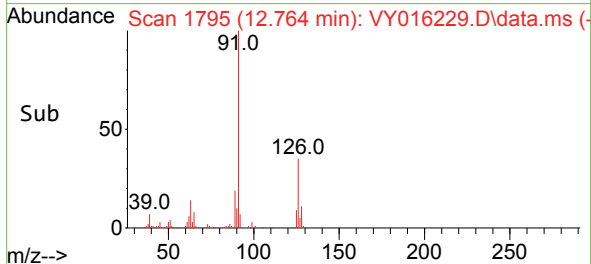
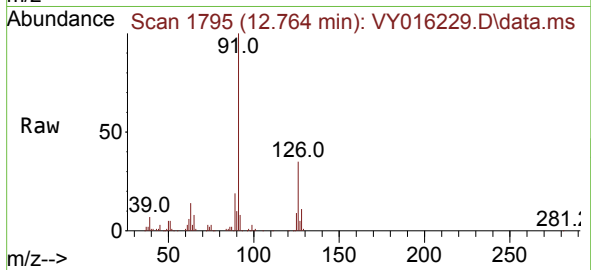




#79
2-Chlorotoluene
Concen: 20.742 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

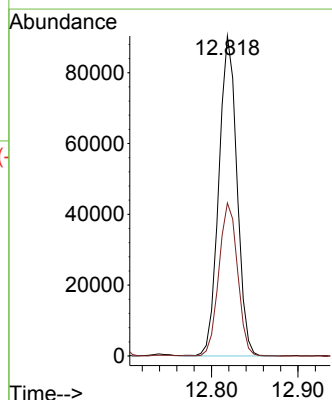
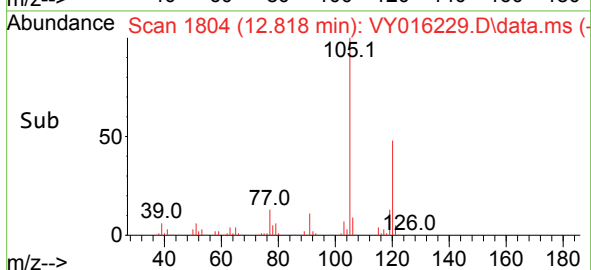
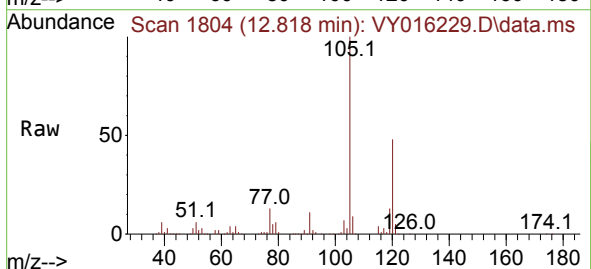
Instrument :
MSVOA_Y
ClientSampleId :

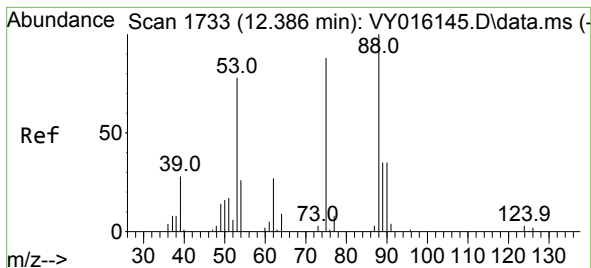
Tgt Ion: 91 Resp: 109011
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.357 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 105 Resp: 131445
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

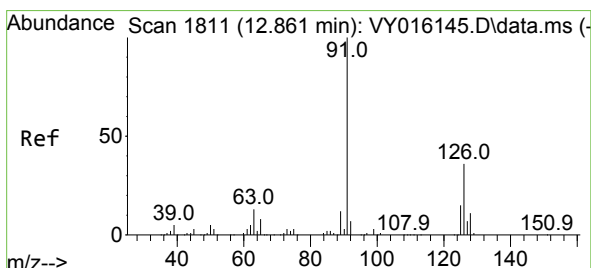
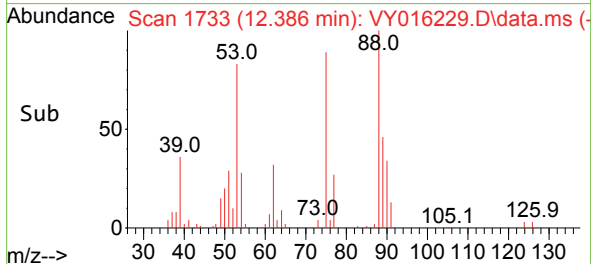
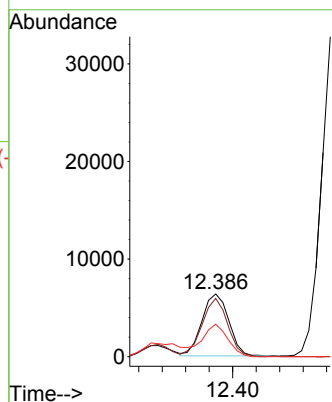
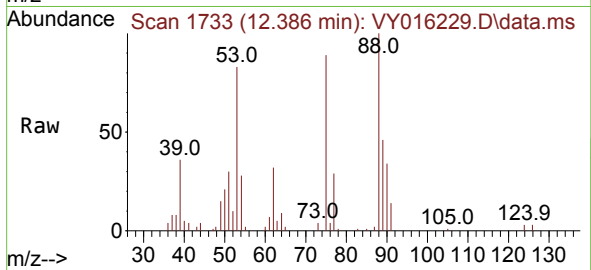




#81
trans-1,4-Dichloro-2-butene
Concen: 21.607 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

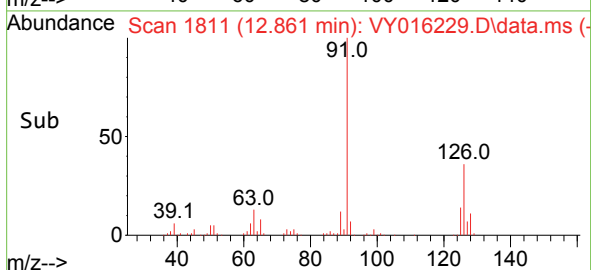
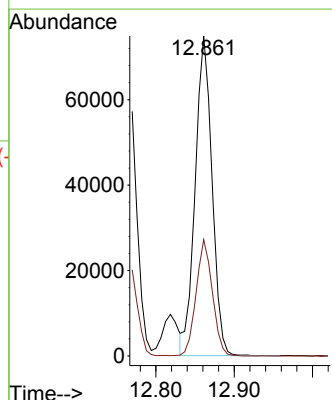
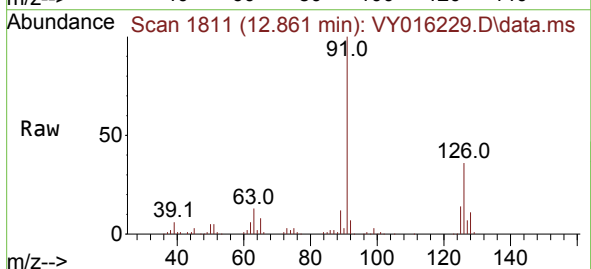
Instrument :
MSVOA_Y
ClientSampleId :

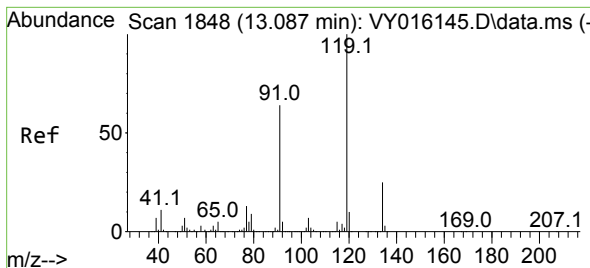
Tgt Ion: 75 Resp: 9971
Ion Ratio Lower Upper
75 100
53 90.8 77.8 116.8
89 49.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.716 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 91 Resp: 111800
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.795 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

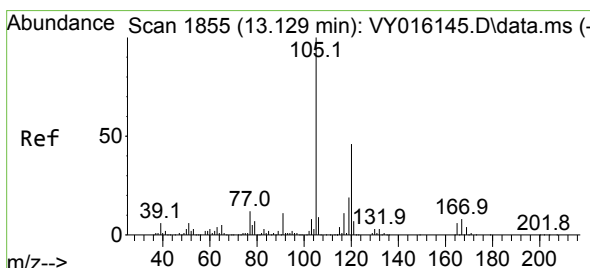
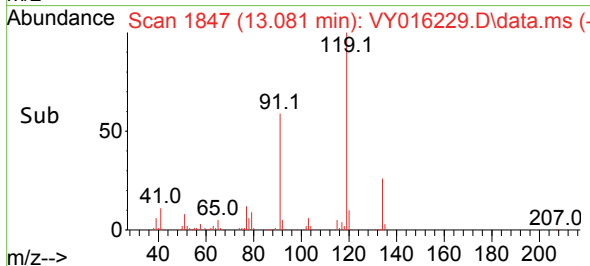
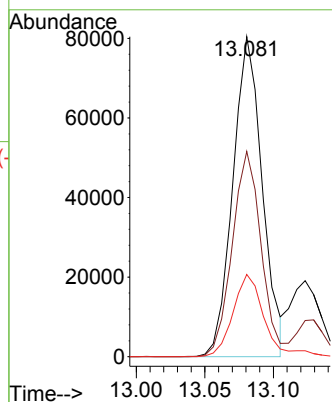
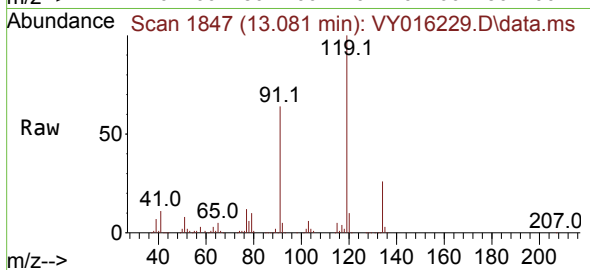
Tgt Ion:119 Resp: 120142

Ion Ratio Lower Upper

119 100

91 62.6 32.9 98.6

134 27.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.426 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016229.D

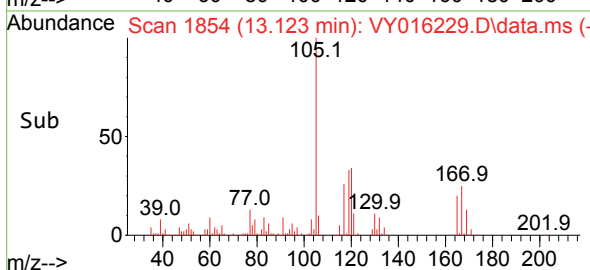
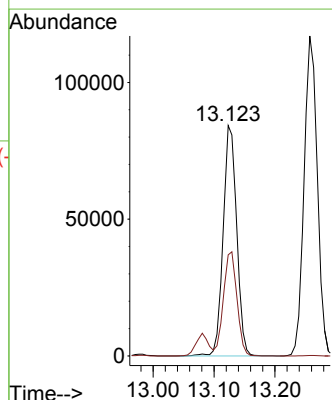
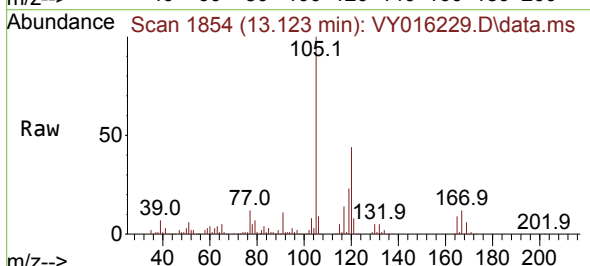
Acq: 06 Nov 2023 11:39

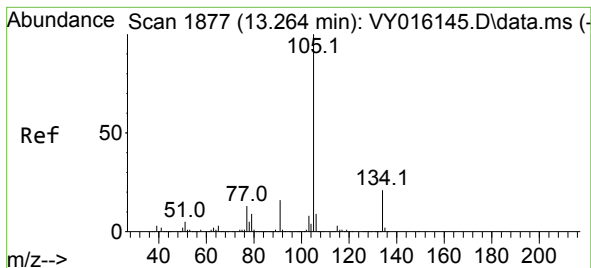
Tgt Ion:105 Resp: 130510

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.776 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

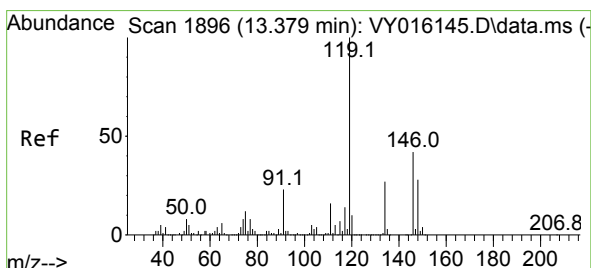
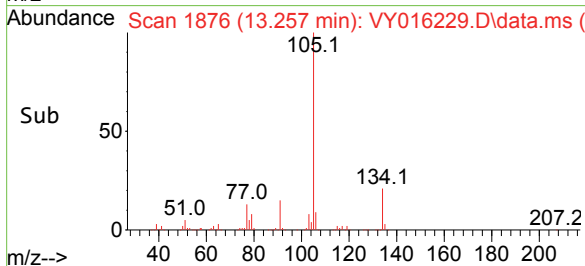
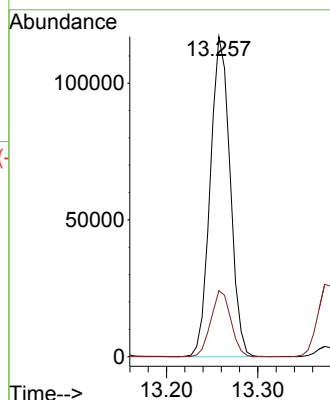
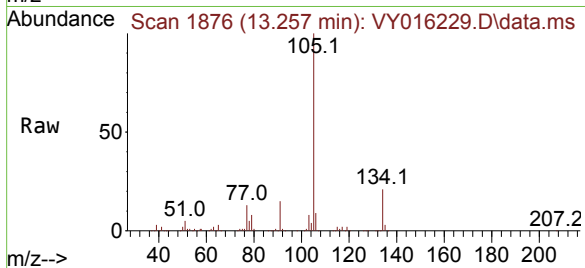
ClientSampleId :

Tgt Ion:105 Resp: 176179

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.591 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

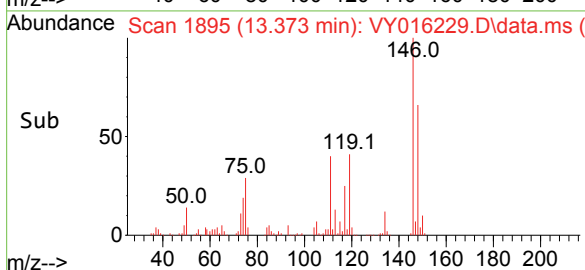
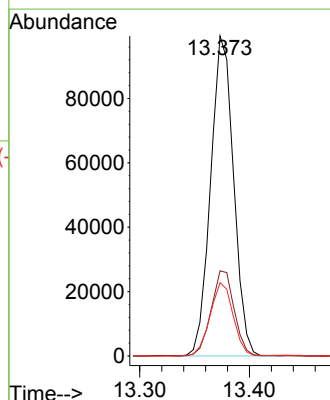
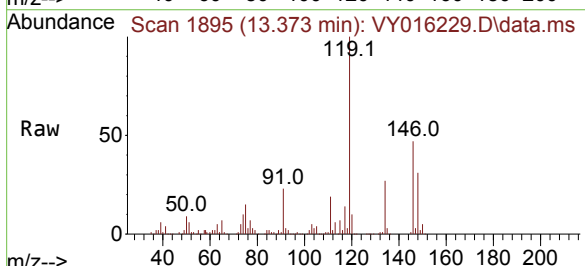
Tgt Ion:119 Resp: 144712

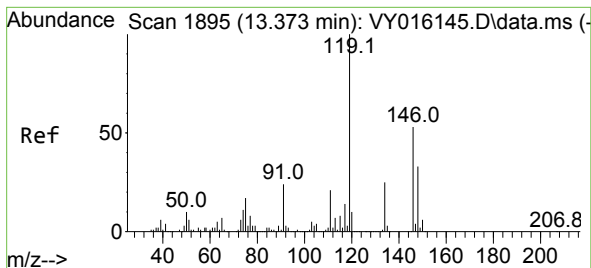
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.779 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

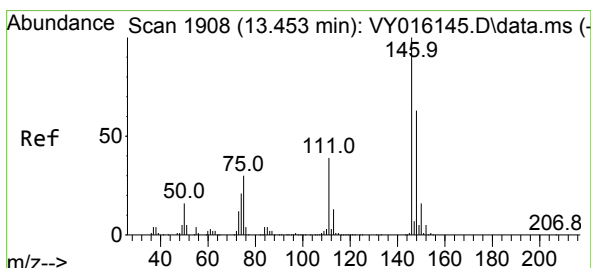
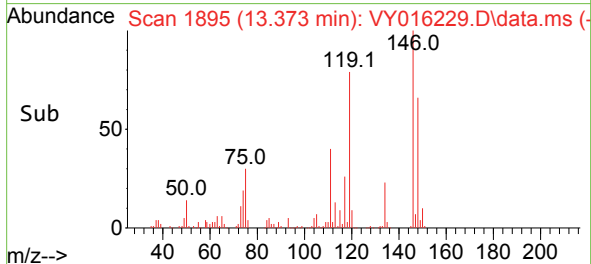
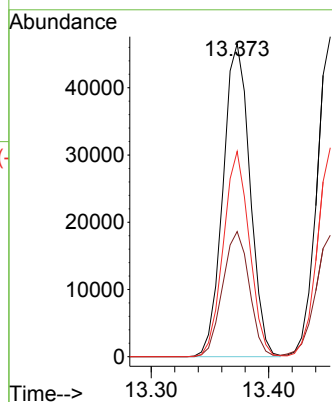
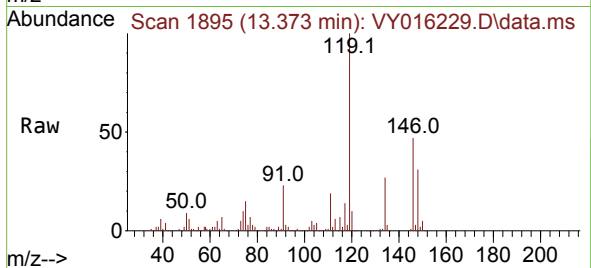
Tgt Ion:146 Resp: 74163

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.926 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

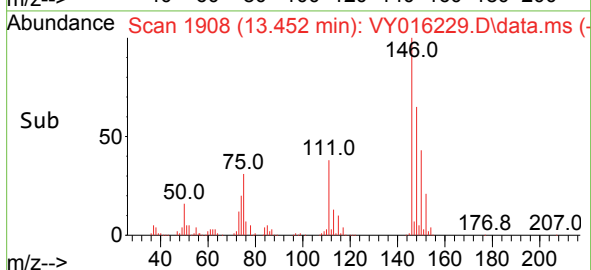
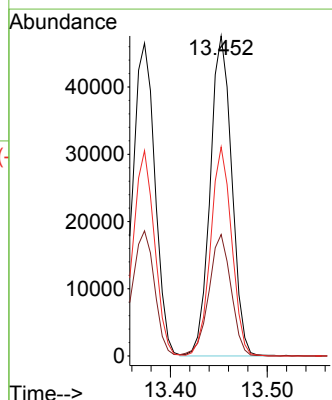
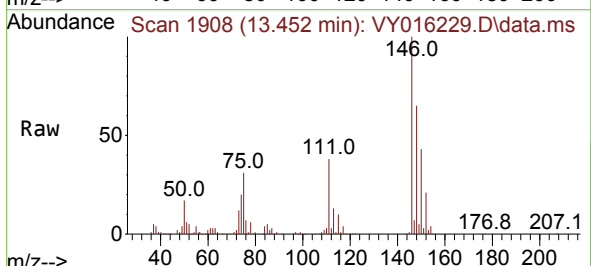
Tgt Ion:146 Resp: 73820

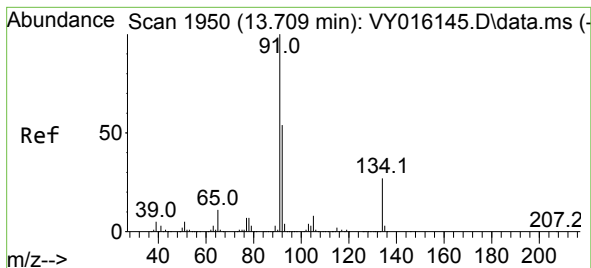
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 20.845 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

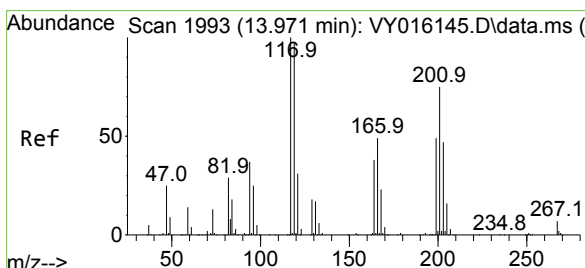
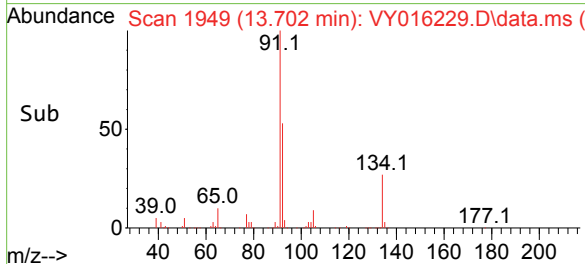
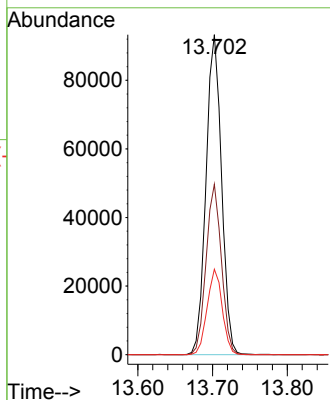
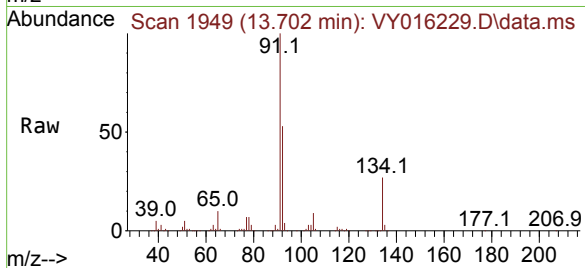
Tgt Ion: 91 Resp: 134609

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 22.894 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016229.D

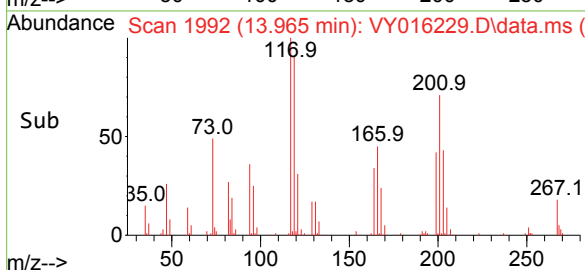
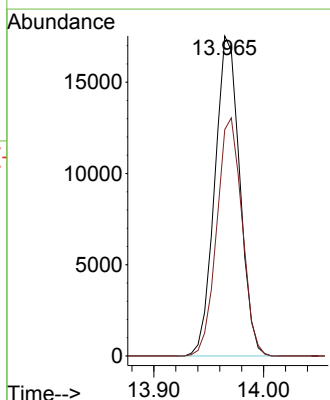
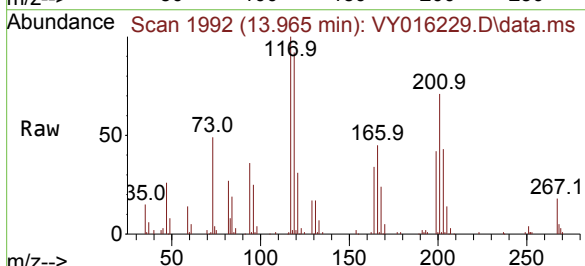
Acq: 06 Nov 2023 11:39

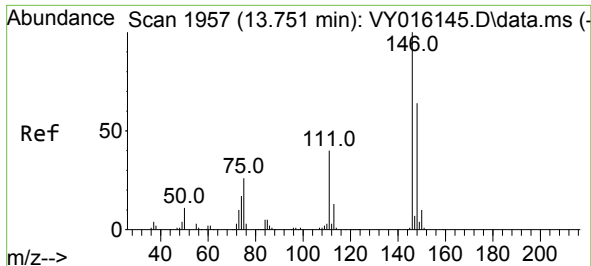
Tgt Ion: 117 Resp: 27728

Ion Ratio Lower Upper

117 100

201 75.2 41.6 124.8

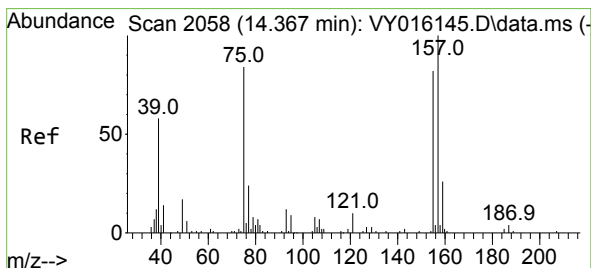
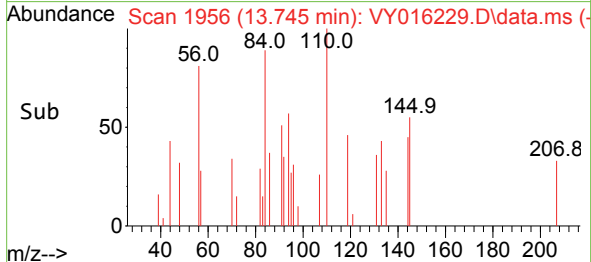
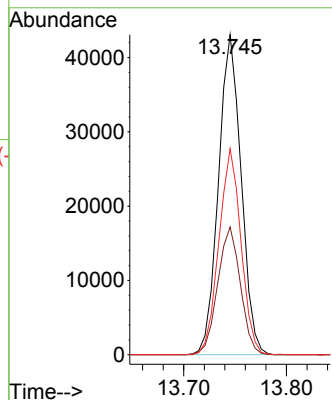
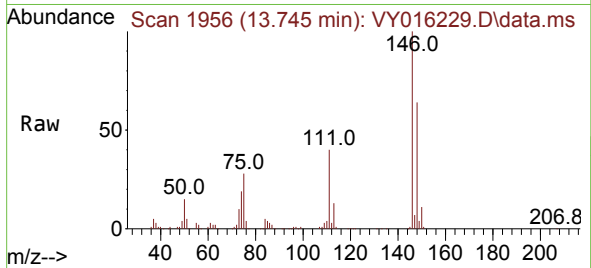




#91
1,2-Dichlorobenzene
Concen: 21.326 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

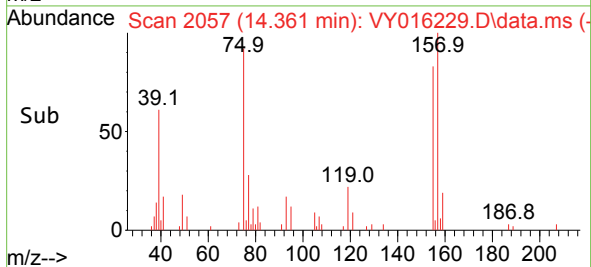
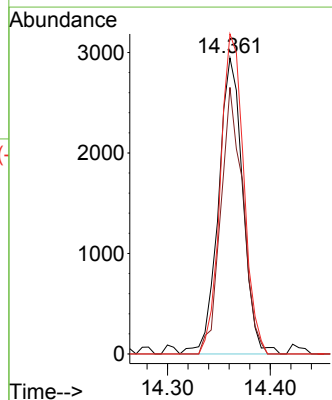
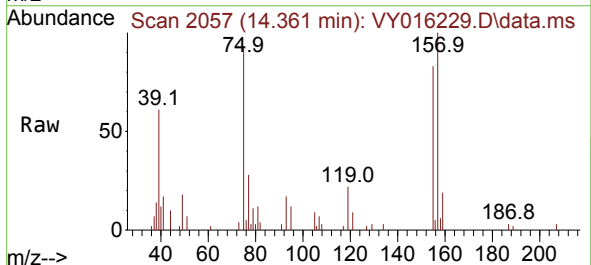
Instrument :
MSVOA_Y
ClientSampleId :

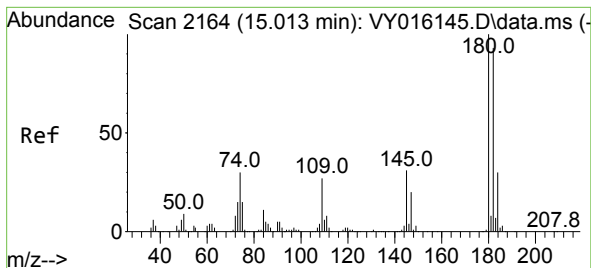
Tgt Ion:146 Resp: 65764
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.0
148 62.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.307 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016229.D
Acq: 06 Nov 2023 11:39

Tgt Ion: 75 Resp: 4836
Ion Ratio Lower Upper
75 100
155 81.8 41.5 124.6
157 103.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.534 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

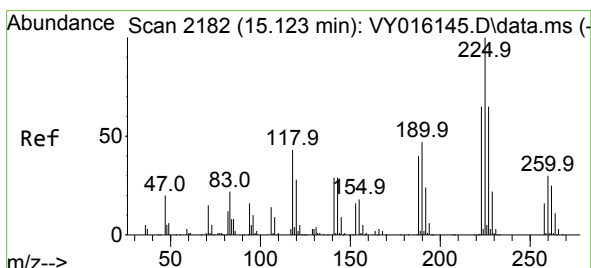
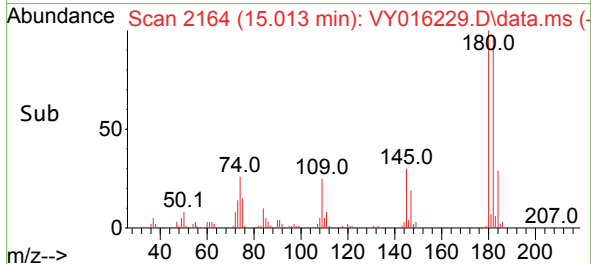
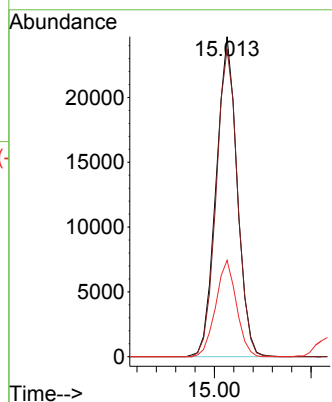
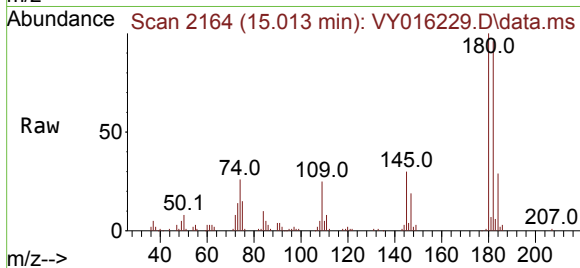
Tgt Ion:180 Resp: 37180

Ion Ratio Lower Upper

180 100

182 97.2 47.0 141.2

145 29.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.025 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

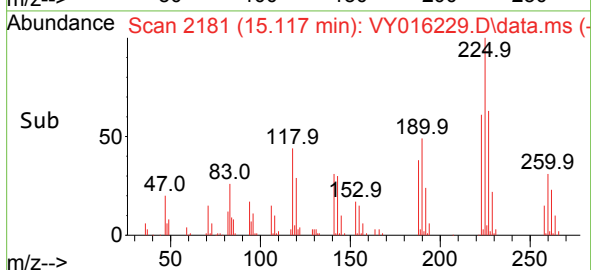
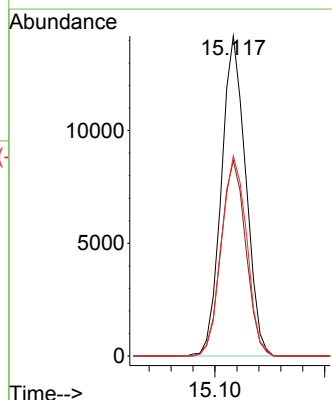
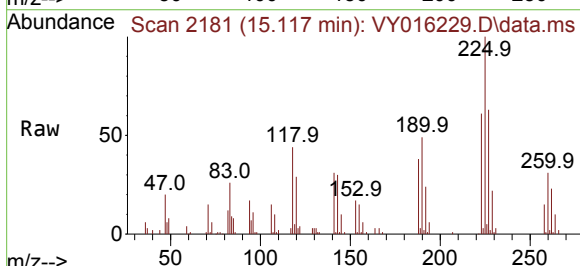
Tgt Ion:225 Resp: 21868

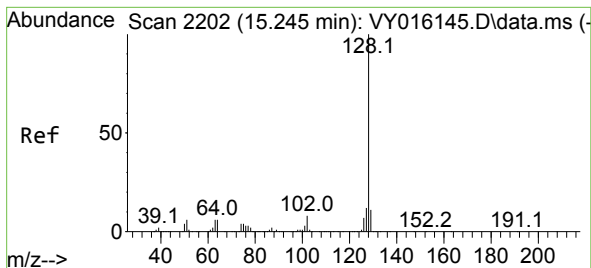
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 65.0 33.0 98.9





#95

Naphthalene

Concen: 19.072 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016229.D

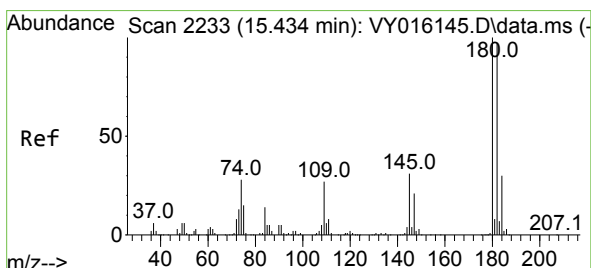
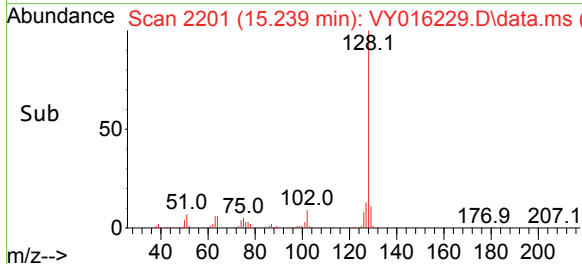
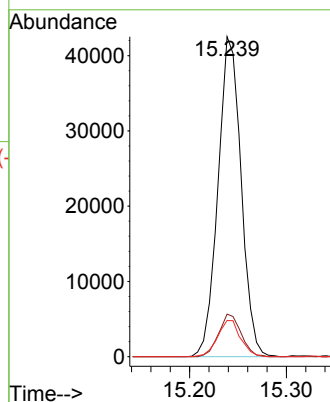
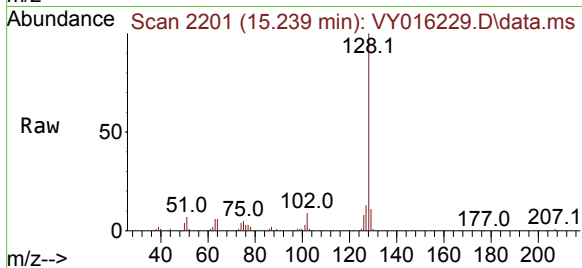
Acq: 06 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	70523
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.8 16.2
129	11.3	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.721 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016229.D

Acq: 06 Nov 2023 11:39

Tgt Ion:180	Resp:	32065
Ion Ratio	Lower	Upper
180	100	
182	96.5	47.3 141.8
145	32.1	15.4 46.2

