

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016665.D
 Acq On : 16 Dec 2023 11:31
 Operator : SY/MD
 Sample : VY1216SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 00:37:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	212061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345205	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	301200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87224	50.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.640%	
35) Dibromofluoromethane	7.722	113	93540	50.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.040%	
50) Toluene-d8	10.185	98	354434	48.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	12.483	95	112276	47.315	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	36253	21.936	ug/l	94
3) Chloromethane	2.113	50	55948	21.723	ug/l	96
4) Vinyl Chloride	2.253	62	67379	22.790	ug/l	99
5) Bromomethane	2.650	94	48803	23.062	ug/l	98
6) Chloroethane	2.796	64	45203	23.506	ug/l	98
7) Trichlorofluoromethane	3.125	101	75619	22.899	ug/l	94
8) Diethyl Ether	3.528	74	24103	23.367	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.900	101	47124	23.074	ug/l	94
10) Methyl Iodide	4.095	142	46791	22.014	ug/l	96
11) Tert butyl alcohol	4.954	59	17590	125.688	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	44832	23.285	ug/l	92
13) Acrolein	3.729	56	14182	130.755	ug/l	98
14) Allyl chloride	4.485	41	59612	22.836	ug/l #	94
15) Acrylonitrile	5.161	53	49923	116.300	ug/l	97
16) Acetone	3.942	43	66518	151.267	ug/l	92
17) Carbon Disulfide	4.198	76	138718	22.780	ug/l	98
18) Methyl Acetate	4.479	43	34904	21.551	ug/l #	87
19) Methyl tert-butyl Ether	5.229	73	103719	22.976	ug/l	98
20) Methylene Chloride	4.723	84	56596	23.223	ug/l	85
21) trans-1,2-Dichloroethene	5.222	96	50527	22.525	ug/l	92
22) Diisopropyl ether	6.125	45	131598	23.523	ug/l #	86
23) Vinyl Acetate	6.064	43	323543	117.369	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	84846	23.240	ug/l	97
25) 2-Butanone	6.984	43	84682	138.761	ug/l	92
26) 2,2-Dichloropropane	6.984	77	75326	23.239	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	56240	23.217	ug/l	90
28) Bromochloromethane	7.338	49	16174	14.670	ug/l	89
29) Tetrahydrofuran	7.350	42	39521	117.228	ug/l	88
30) Chloroform	7.509	83	88924	23.421	ug/l	100
31) Cyclohexane	7.789	56	78494	22.925	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	80355	23.591	ug/l	98
36) 1,1-Dichloropropene	7.923	75	68773	22.424	ug/l	98
37) Ethyl Acetate	7.076	43	28740	22.740	ug/l #	92
38) Carbon Tetrachloride	7.905	117	70737	22.962	ug/l	96
39) Methylcyclohexane	9.185	83	85670	22.225	ug/l	94
40) Benzene	8.161	78	204241	22.722	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	14678	23.056	ug/l #	90
42) 1,2-Dichloroethane	8.240	62	50817	22.120	ug/l	94
43) Isopropyl Acetate	8.277	43	52353	22.539	ug/l #	90
44) Trichloroethene	8.941	130	55248	22.069	ug/l	99
45) 1,2-Dichloropropane	9.222	63	48178	22.943	ug/l	95
46) Dibromomethane	9.307	93	26910	23.172	ug/l	96
47) Bromodichloromethane	9.502	83	66589	22.694	ug/l	95
48) Methyl methacrylate	9.295	41	28291	21.995	ug/l #	84
49) 1,4-Dioxane	9.307	88	5491	441.402	ug/l #	54
51) 4-Methyl-2-Pentanone	10.075	43	141012	115.752	ug/l	90
52) Toluene	10.246	92	127396	22.626	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	62523	22.587	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	75021	22.542	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	37695	23.101	ug/l	94
56) Ethyl methacrylate	10.514	69	32150	22.725	ug/l #	84
57) 1,3-Dichloropropane	10.795	76	62136	22.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	86561	96.370	ug/l	94
59) 2-Hexanone	10.837	43	122907	122.976	ug/l	88
60) Dibromochloromethane	10.990	129	44762	22.635	ug/l	99
61) 1,2-Dibromoethane	11.093	107	34455	22.498	ug/l	99
64) Tetrachloroethene	10.721	164	54410	22.049	ug/l	97
65) Chlorobenzene	11.520	112	131955	22.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	48424	22.537	ug/l	97
67) Ethyl Benzene	11.593	91	238063	22.523	ug/l	98
68) m/p-Xylenes	11.703	106	183577	45.021	ug/l	92
69) o-Xylene	12.032	106	82797	22.199	ug/l	95
70) Styrene	12.044	104	119153	22.050	ug/l	97
71) Bromoform	12.209	173	25697	22.054	ug/l #	100
73) Isopropylbenzene	12.337	105	225812	22.841	ug/l	100
74) N-amyl acetate	12.148	43	42318	22.838	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	37868	22.515	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	49617	38.539	ug/l #	100
77) Bromobenzene	12.611	156	50956	21.999	ug/l	95
78) n-propylbenzene	12.672	91	270599	22.900	ug/l	99
79) 2-Chlorotoluene	12.758	91	149024	22.966	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	179499	22.707	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	12321	21.870	ug/l	91
82) 4-Chlorotoluene	12.855	91	150946	22.495	ug/l	98
83) tert-Butylbenzene	13.075	119	159163	23.075	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	176480	22.510	ug/l	97
85) sec-Butylbenzene	13.258	105	231120	22.835	ug/l	99
86) p-Isopropyltoluene	13.373	119	197827	22.893	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	99373	22.074	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	97465	22.018	ug/l	99
89) n-Butylbenzene	13.697	91	179790	22.396	ug/l	97
90) Hexachloroethane	13.965	117	38264	22.247	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	85465	22.126	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5337	21.924	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	43689	20.938	ug/l	98
94) Hexachlorobutadiene	15.117	225	26014	20.771	ug/l	99
95) Naphthalene	15.239	128	74361	21.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	34804	20.234	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Dec 16 00:39:52 2023
Response via : Initial Calibration

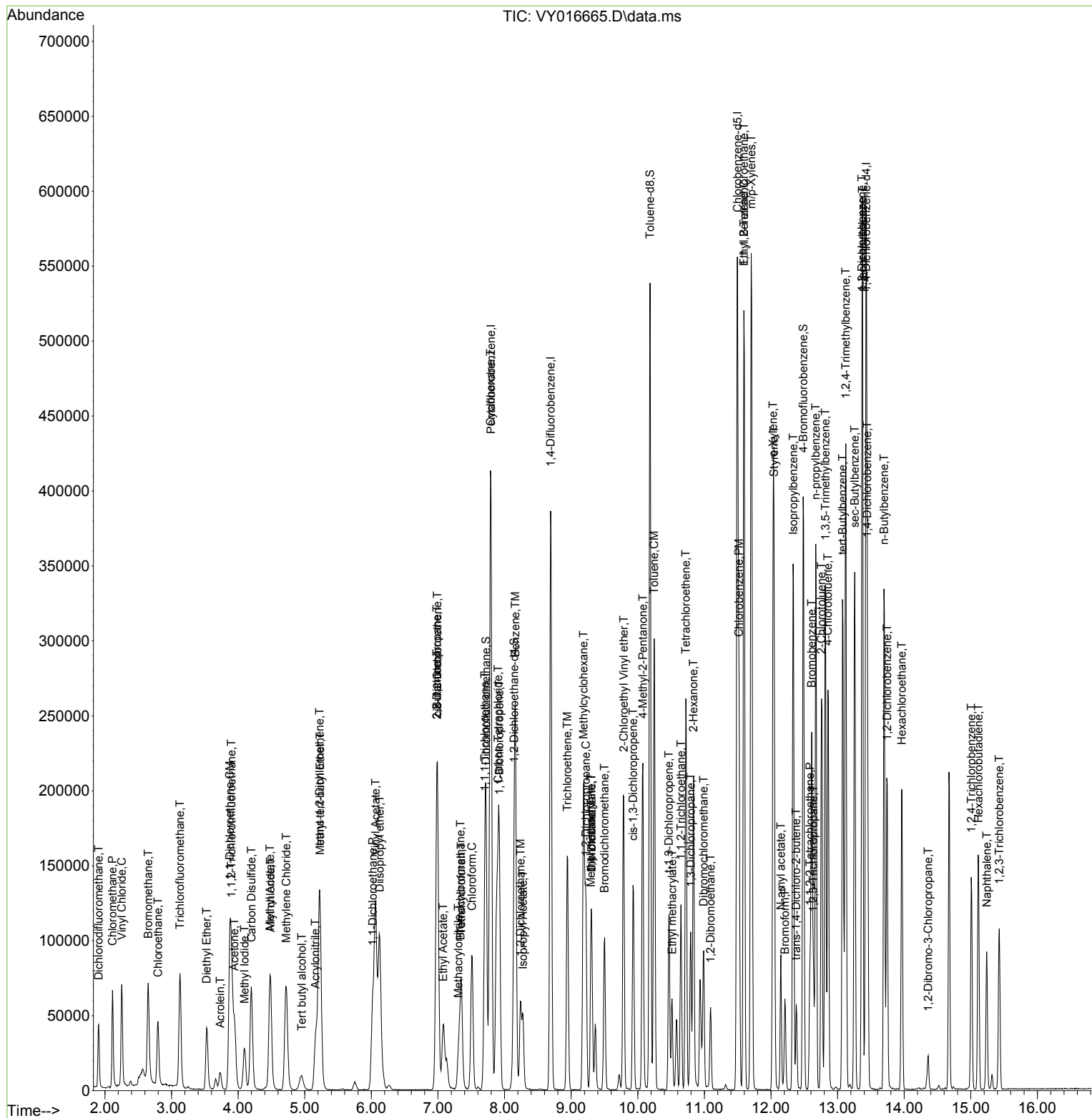
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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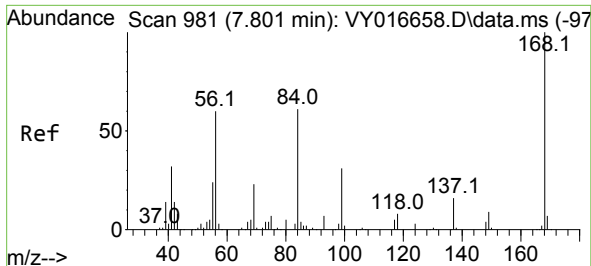
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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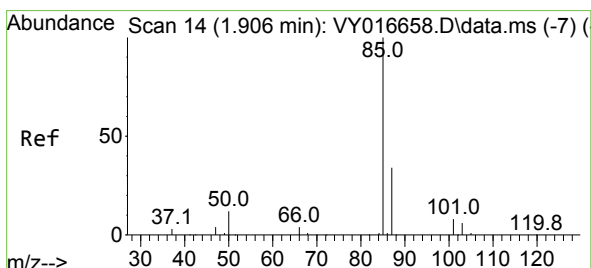
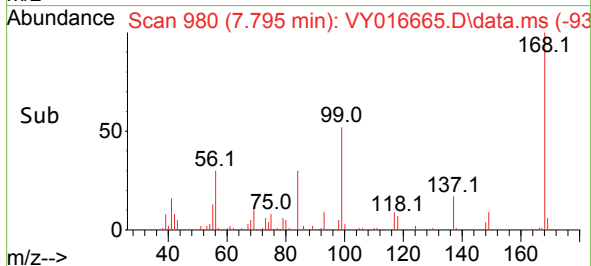
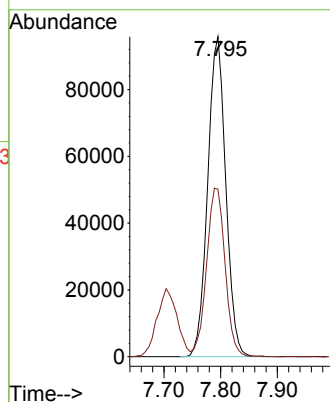
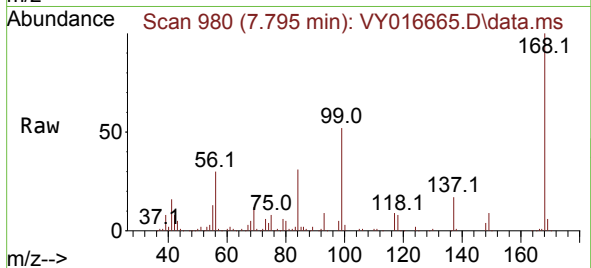




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
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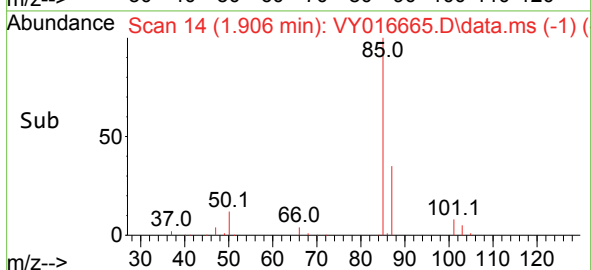
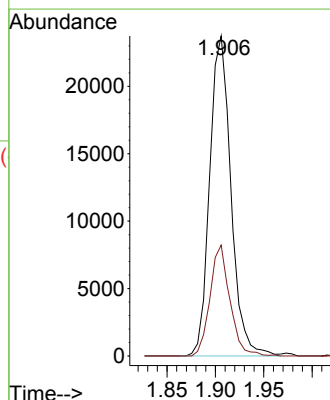
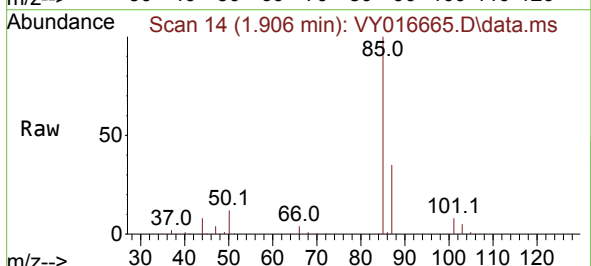
Instrument :
MSVOA_Y
ClientSampleId :

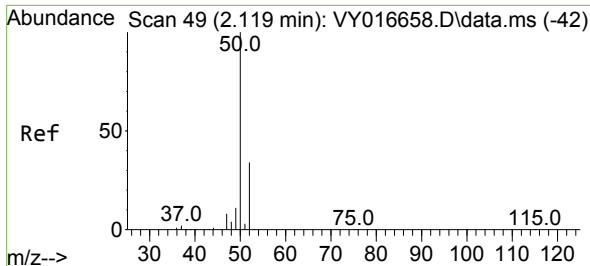
Tgt Ion:168 Resp: 212061
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.936 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 85 Resp: 36253
Ion Ratio Lower Upper
85 100
87 34.6 15.6 46.8

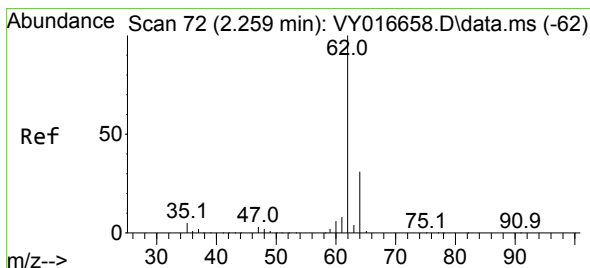
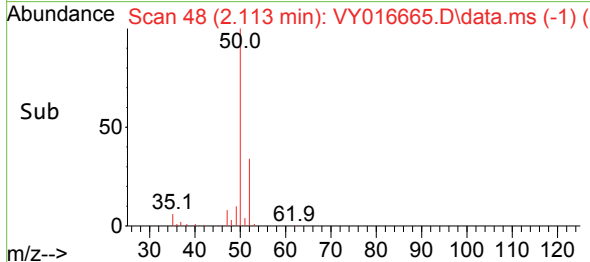
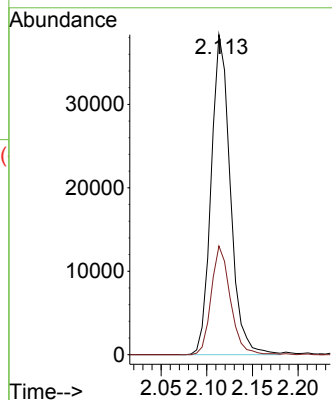
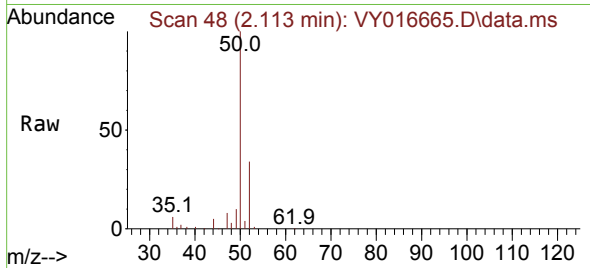




#3
Chloromethane
Concen: 21.723 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

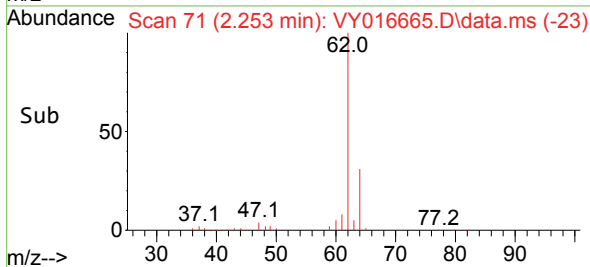
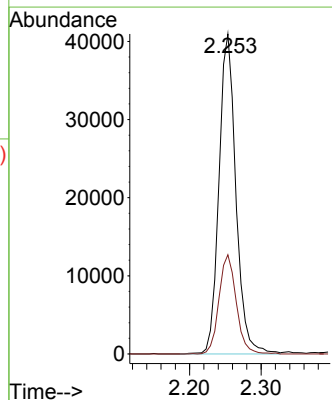
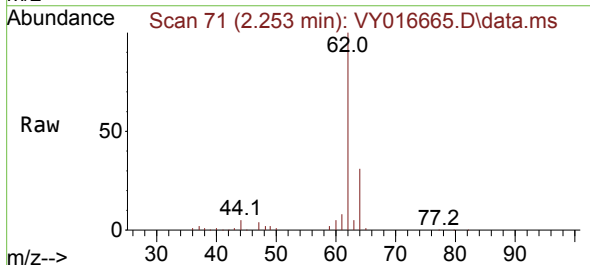
Instrument :
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ClientSampleId :

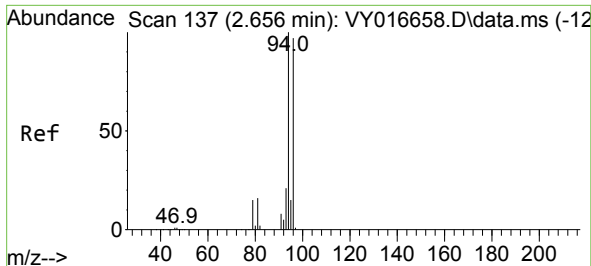
Tgt Ion: 50 Resp: 55948
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 22.790 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 62 Resp: 67379
Ion Ratio Lower Upper
62 100
64 31.0 24.3 36.5

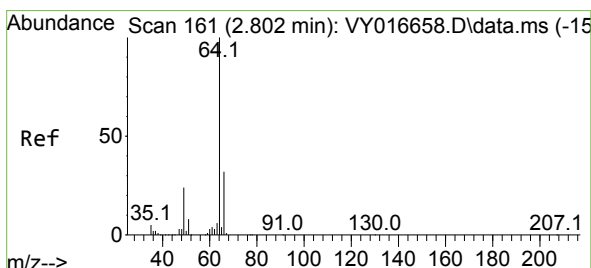
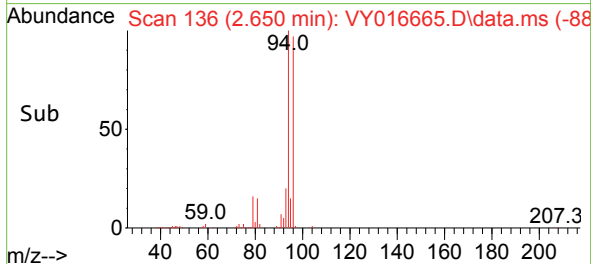
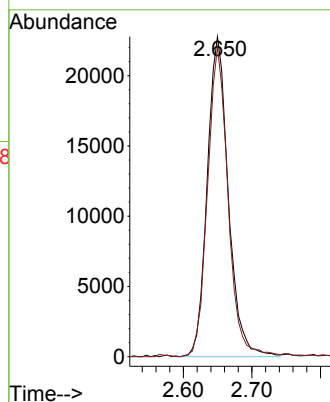
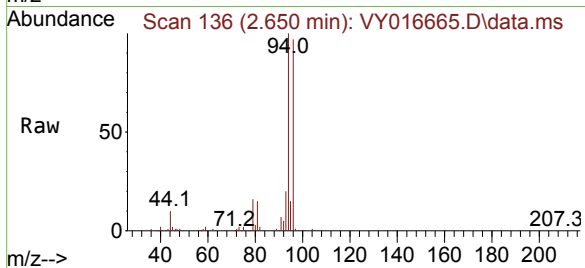




#5
Bromomethane
Concen: 23.062 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016665.D
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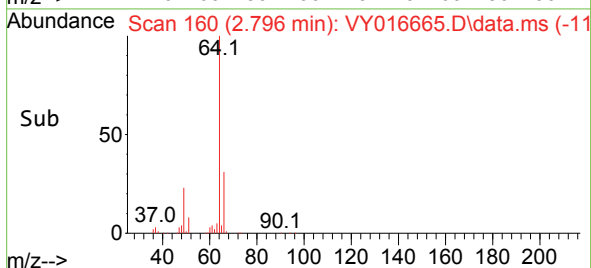
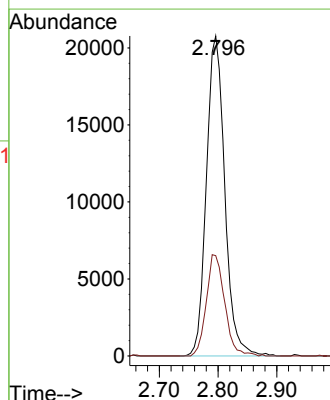
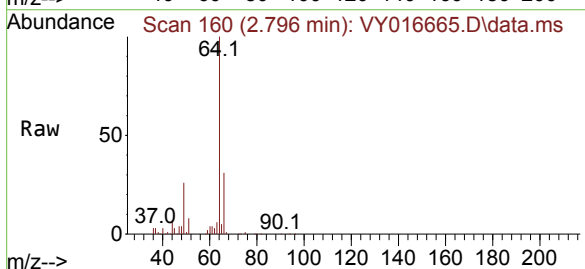
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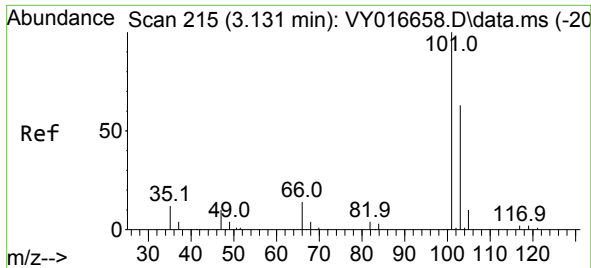
Tgt Ion: 94 Resp: 48803
Ion Ratio Lower Upper
94 100
96 96.8 75.8 113.6



#6
Chloroethane
Concen: 23.506 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016665.D
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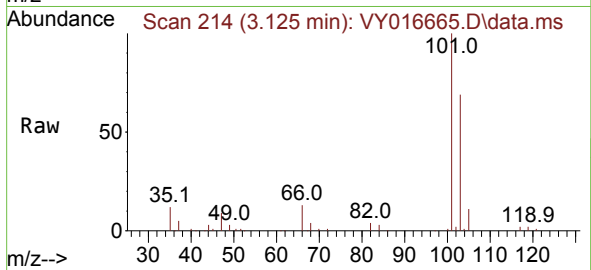
Tgt Ion: 64 Resp: 45203
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6



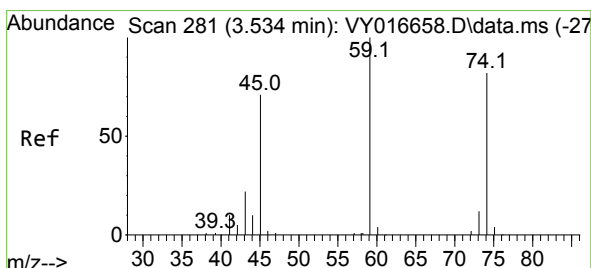
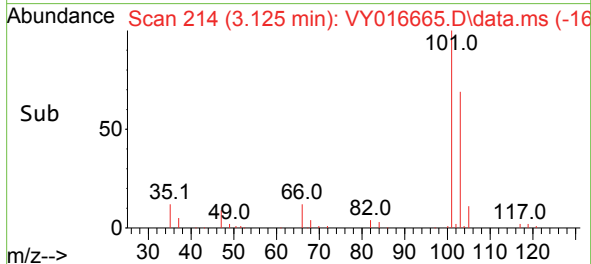
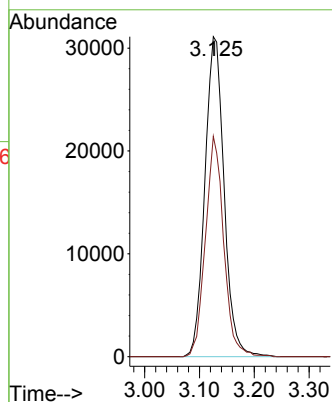


#7
 Trichlorofluoromethane
 Concen: 22.899 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY016665.D
 Acq: 16 Dec 2023 11:31

Instrument :
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 ClientSampleId :

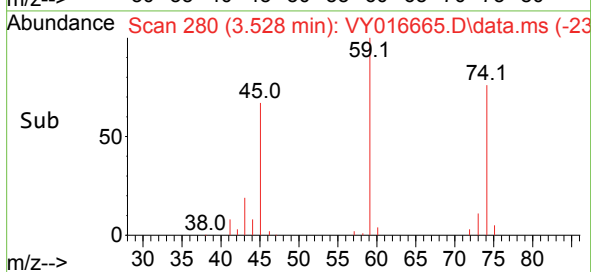
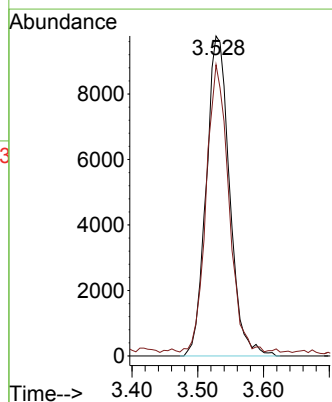
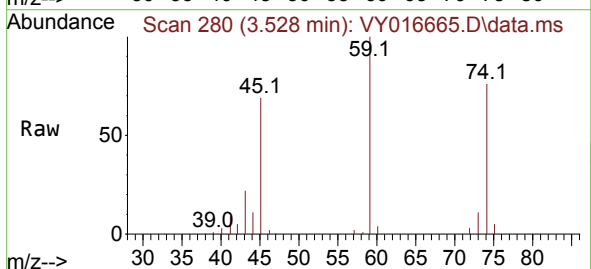


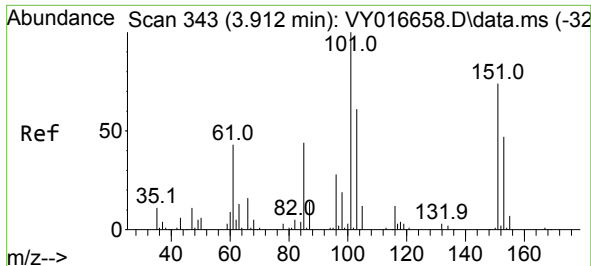
Tgt Ion:101 Resp: 75619
 Ion Ratio Lower Upper
 101 100
 103 68.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 23.367 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY016665.D
 Acq: 16 Dec 2023 11:31

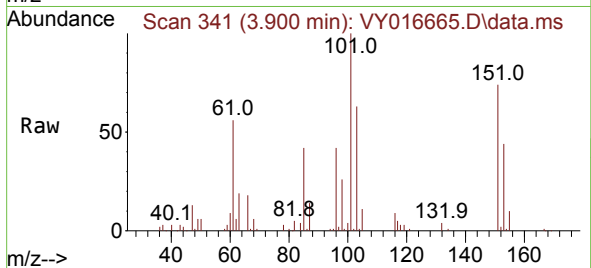
Tgt Ion: 74 Resp: 24103
 Ion Ratio Lower Upper
 74 100
 45 86.5 51.5 154.5



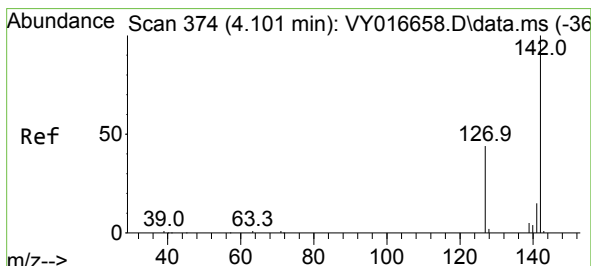
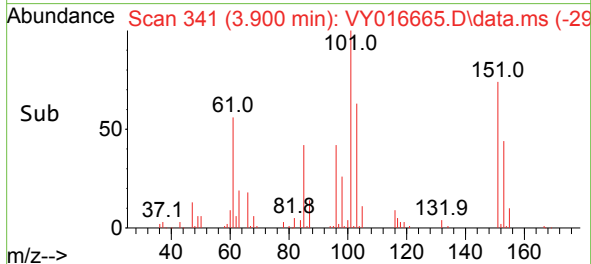
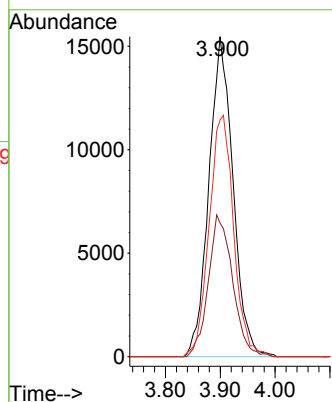


#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.074 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Instrument :
MSVOA_Y
ClientSampleId :

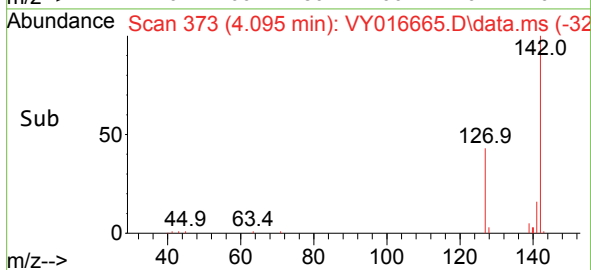
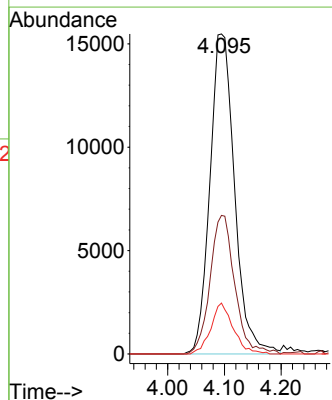
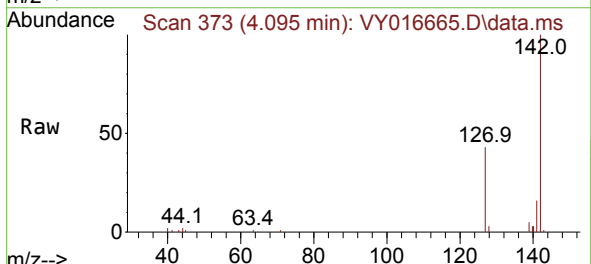


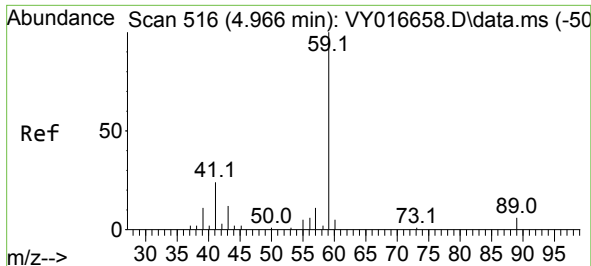
Tgt Ion:101 Resp: 47124
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 76.7 67.0 100.6



#10
Methyl Iodide
Concen: 22.014 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion:142 Resp: 46791
Ion Ratio Lower Upper
142 100
127 43.3 37.6 56.4
141 14.5 11.8 17.8

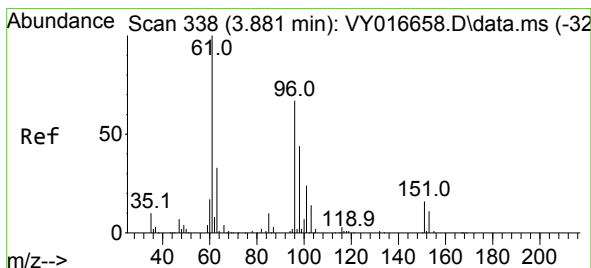
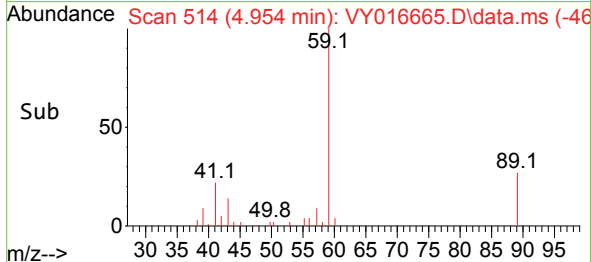
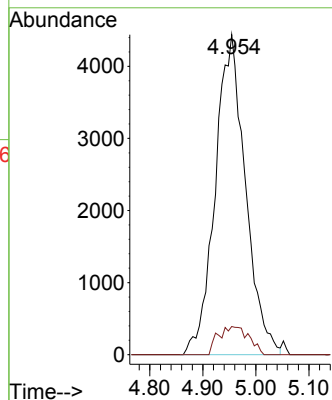
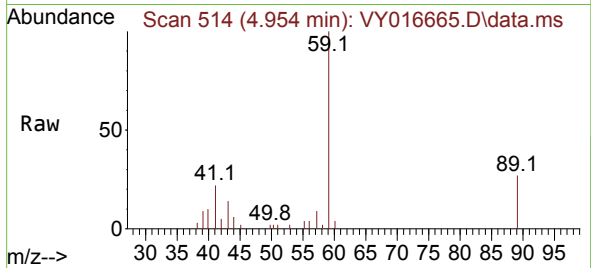




#11
Tert butyl alcohol
Concen: 125.688 ug/l
RT: 4.954 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

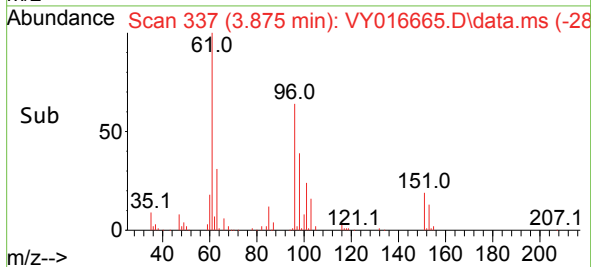
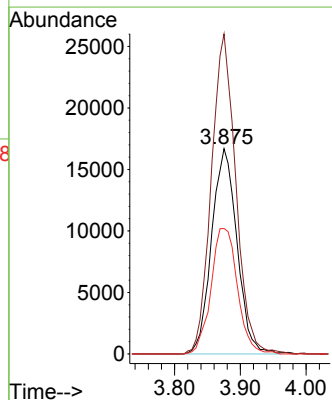
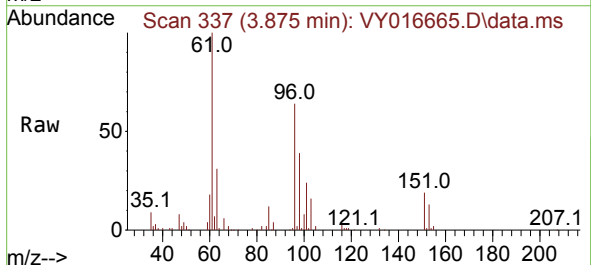
Instrument :
MSVOA_Y
ClientSampleId :

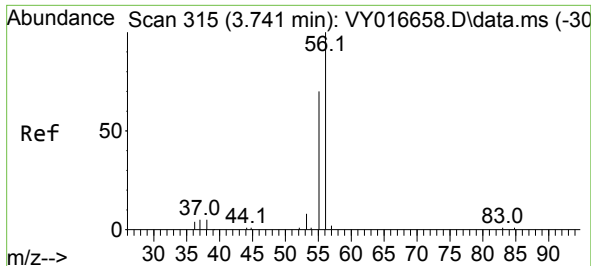
Tgt Ion: 59 Resp: 17590
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 23.285 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 96 Resp: 44832
Ion Ratio Lower Upper
96 100
61 155.8 136.4 204.6
98 61.1 49.4 74.2

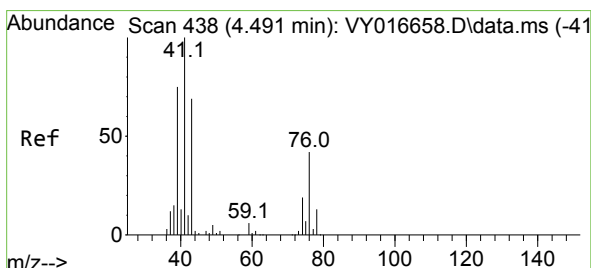
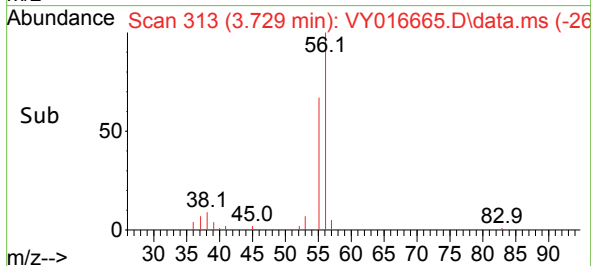
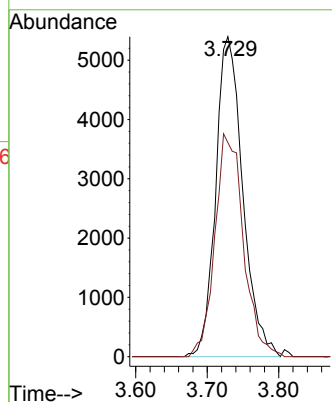
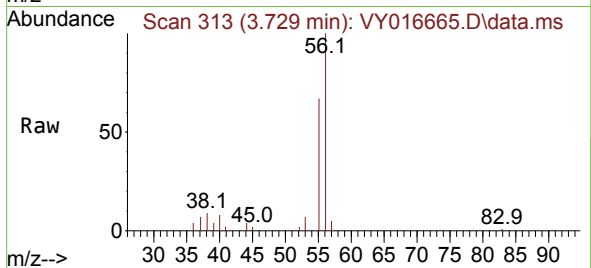




#13
Acrolein
Concen: 130.755 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

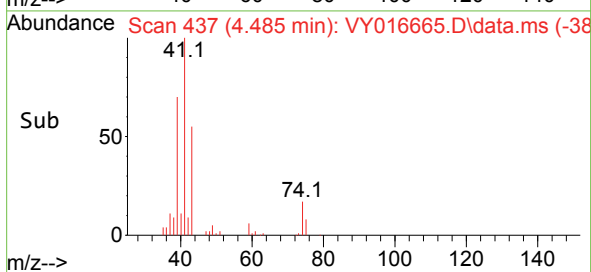
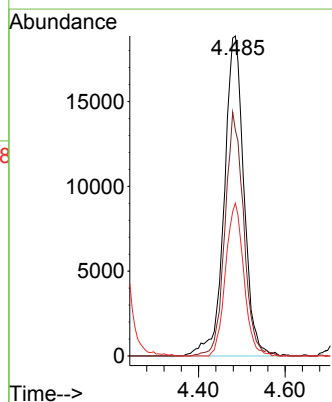
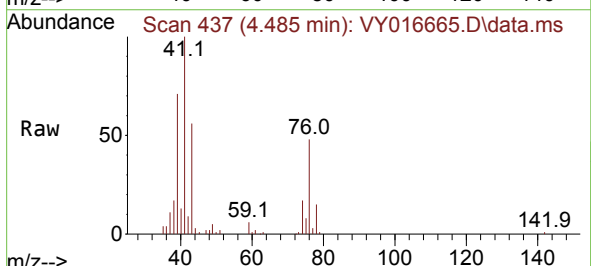
Instrument :
MSVOA_Y
ClientSampleId :

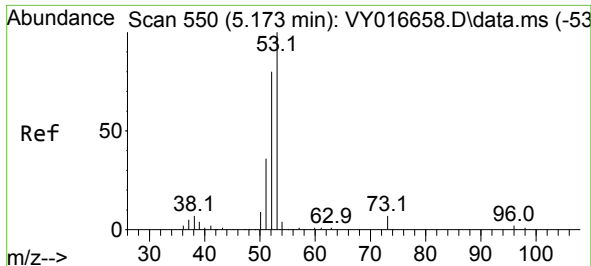
Tgt Ion: 56 Resp: 14182
Ion Ratio Lower Upper
56 100
55 73.2 57.0 85.4



#14
Allyl chloride
Concen: 22.836 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

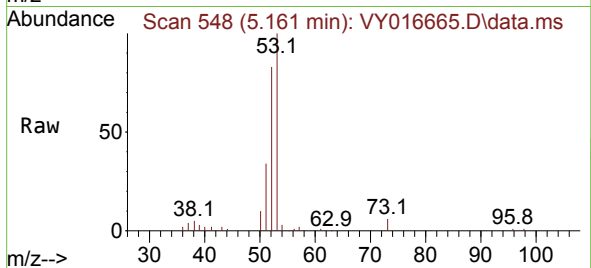
Tgt Ion: 41 Resp: 59612
Ion Ratio Lower Upper
41 100
39 72.3 58.0 87.0
76 44.4 27.4 41.2#



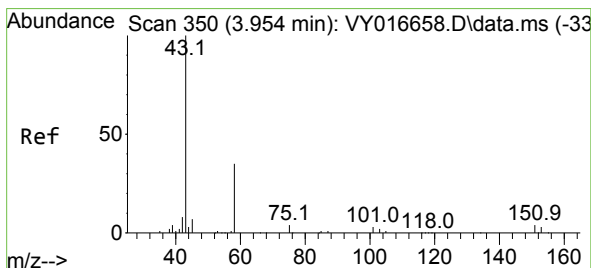
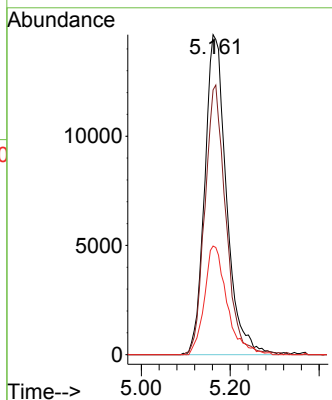
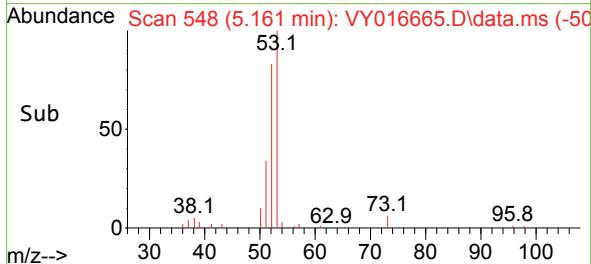


#15
Acrylonitrile
Concen: 116.300 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Instrument :
MSVOA_Y
ClientSampleId :

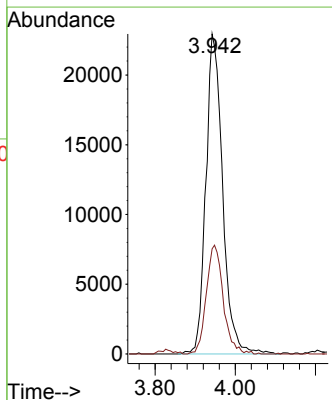
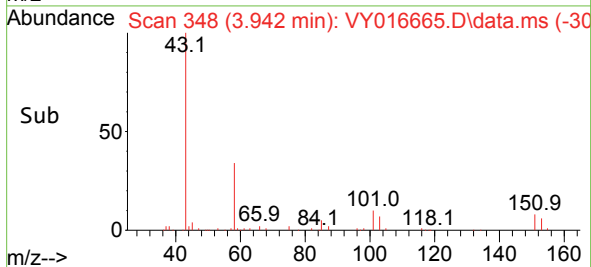
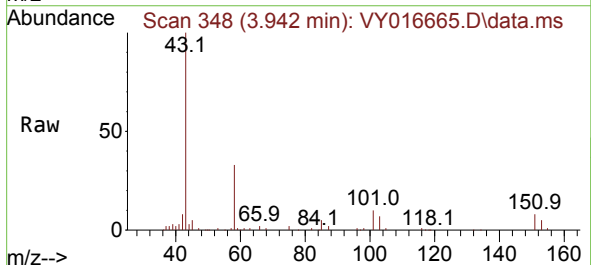


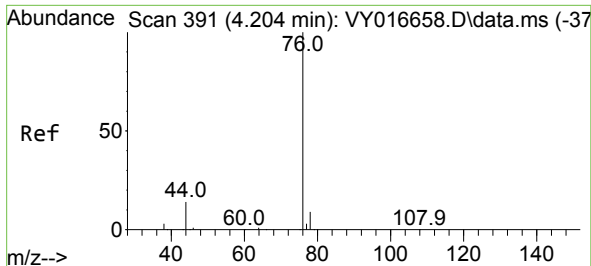
Tgt Ion:	53	Resp:	49923
Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.9	100.3
51	35.3	29.8	44.6



#16
Acetone
Concen: 151.267 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion:	43	Resp:	66518
Ion	Ratio	Lower	Upper
43	100		
58	32.6	22.7	34.1

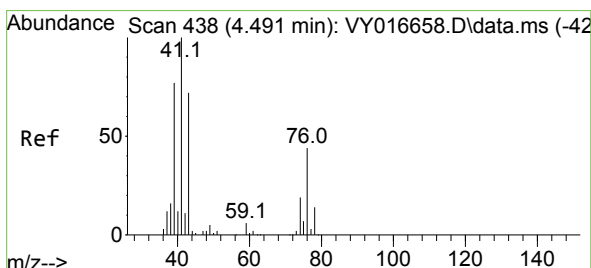
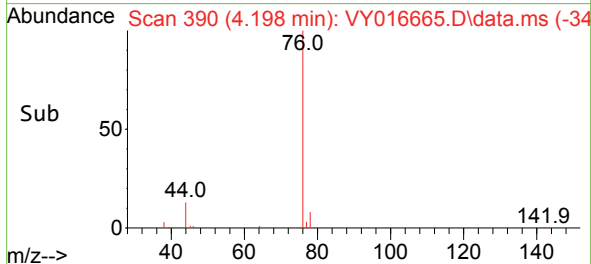
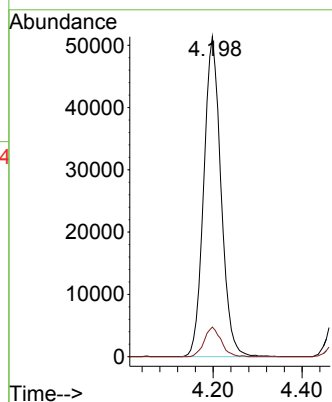
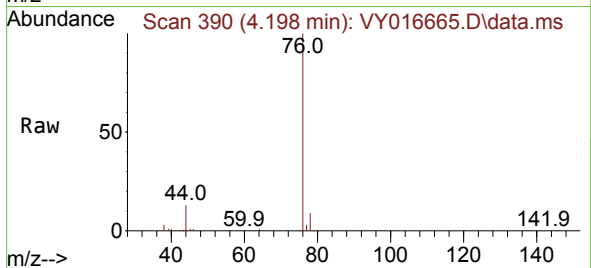




#17
Carbon Disulfide
Concen: 22.780 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

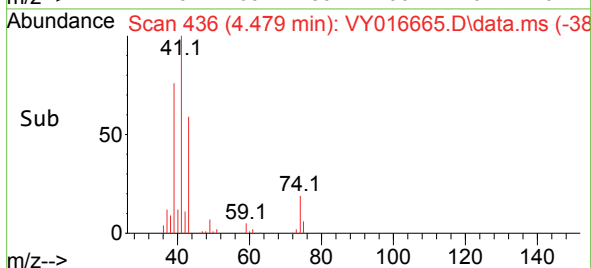
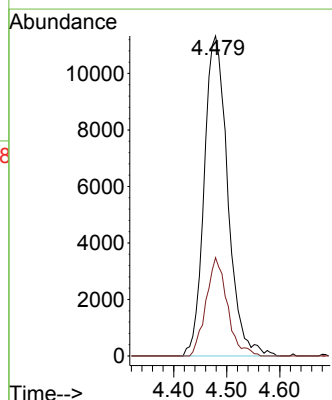
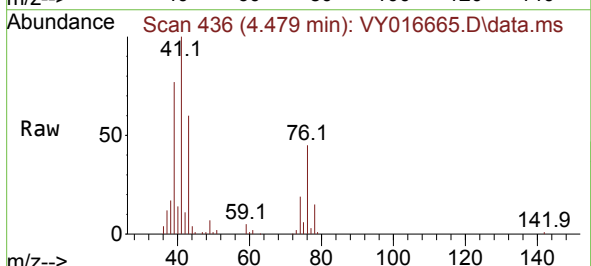
Instrument :
MSVOA_Y
ClientSampleId :

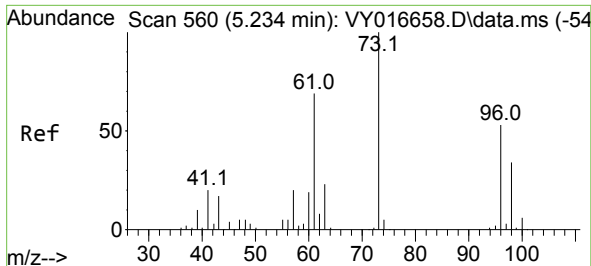
Tgt Ion: 76 Resp: 138718
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 21.551 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 43 Resp: 34904
Ion Ratio Lower Upper
43 100
74 27.8 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 22.976 ug/l

RT: 5.229 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

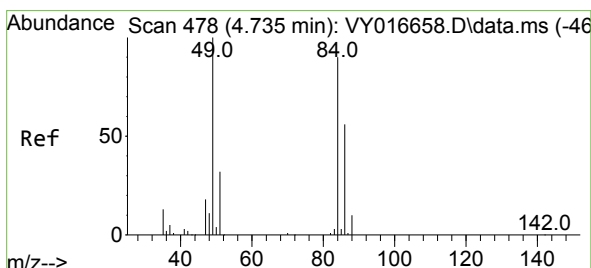
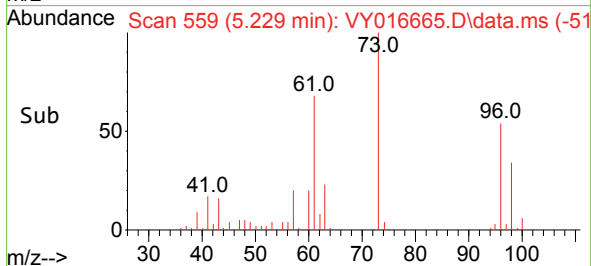
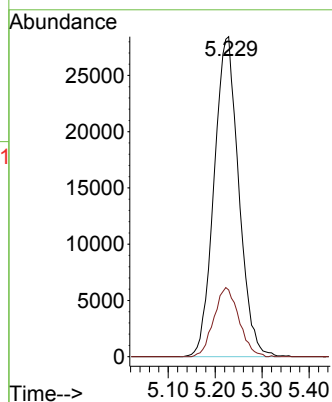
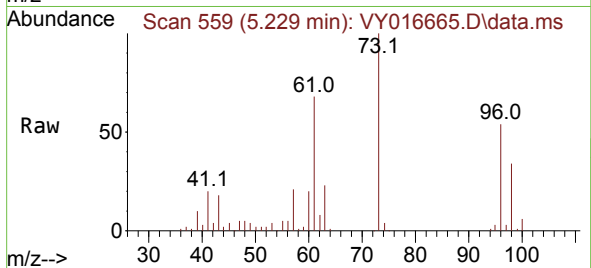
ClientSampleId :

Tgt Ion: 73 Resp: 103719

Ion Ratio Lower Upper

73 100

57 20.9 17.3 25.9



#20

Methylene Chloride

Concen: 23.223 ug/l

RT: 4.723 min Scan# 476

Delta R.T. -0.012 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Tgt Ion: 84 Resp: 56596

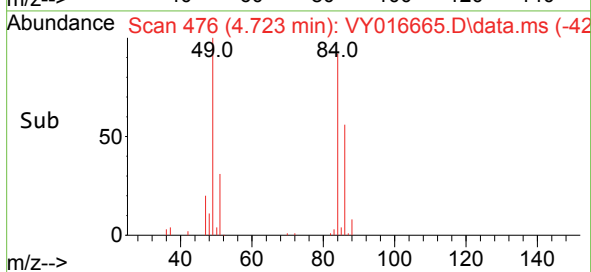
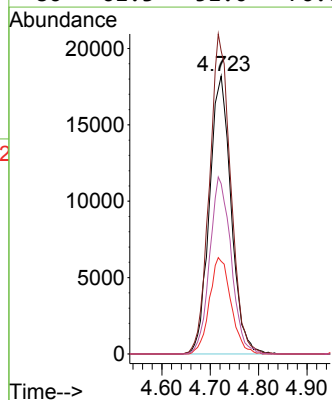
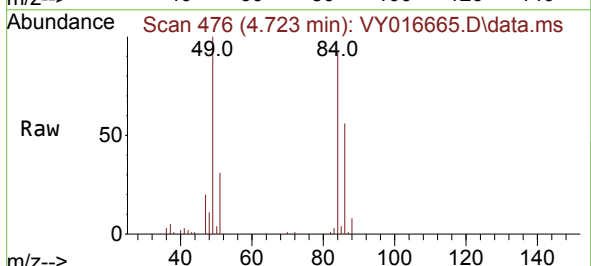
Ion Ratio Lower Upper

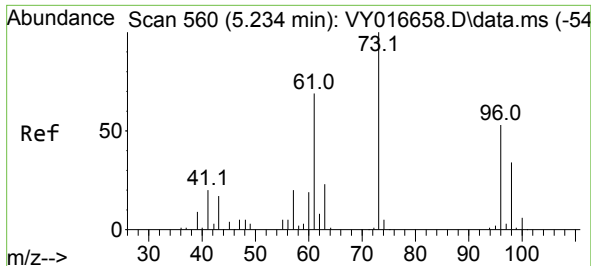
84 100

49 109.1 106.9 160.3

51 33.3 33.2 49.8

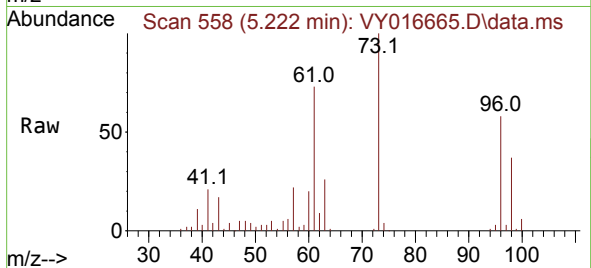
86 61.3 51.0 76.6



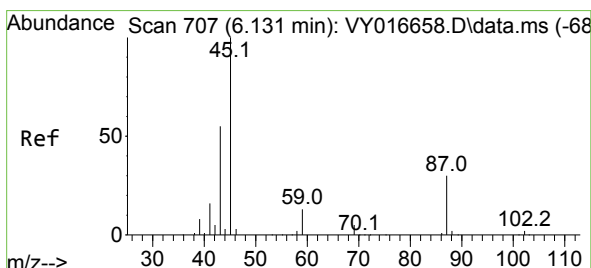
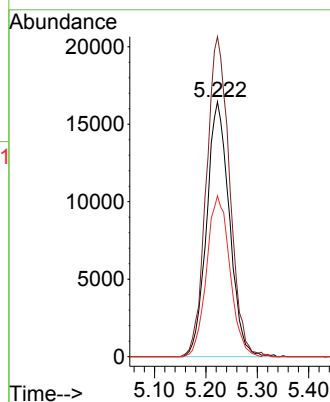
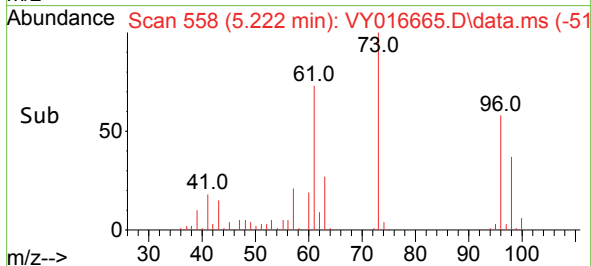


#21
trans-1,2-Dichloroethene
Concen: 22.525 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

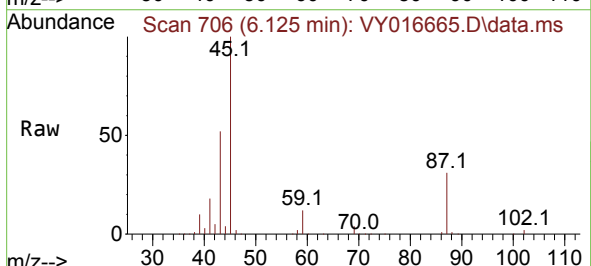
Instrument :
MSVOA_Y
ClientSampleId :



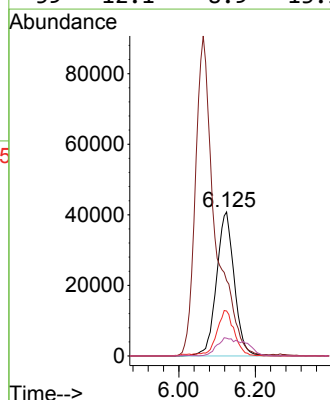
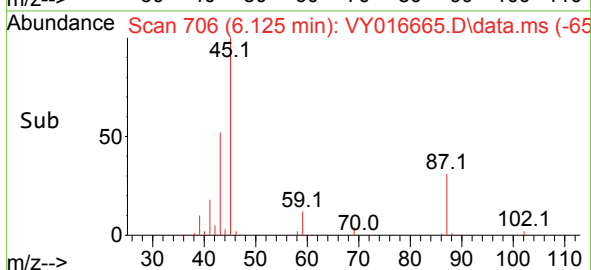
Tgt Ion: 96 Resp: 50527
Ion Ratio Lower Upper
96 100
61 125.5 110.2 165.4
98 63.1 51.8 77.6

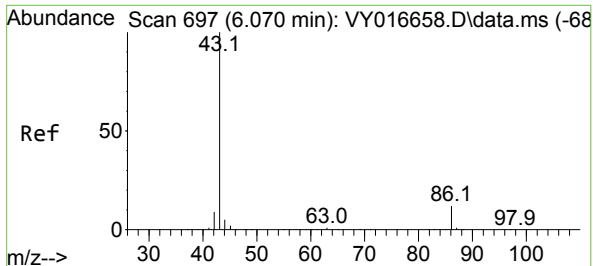


#22
Diisopropyl ether
Concen: 23.523 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31



Tgt Ion: 45 Resp: 131598
Ion Ratio Lower Upper
45 100
43 51.3 52.2 78.4#
87 31.2 21.0 31.6
59 12.1 8.9 13.3

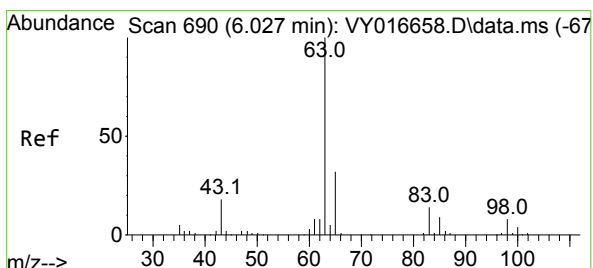
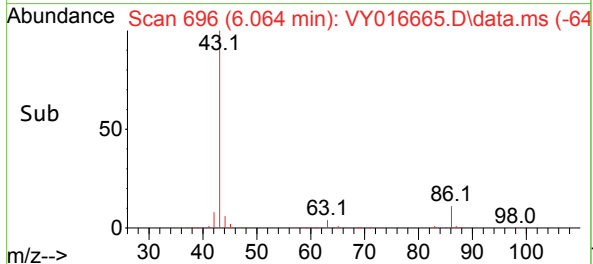
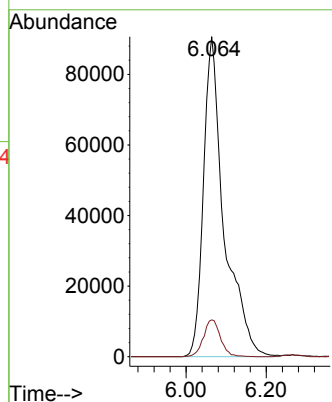
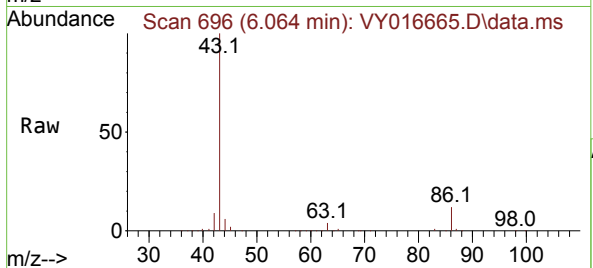




#23
 Vinyl Acetate
 Concen: 117.369 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY016665.D
 Acq: 16 Dec 2023 11:31

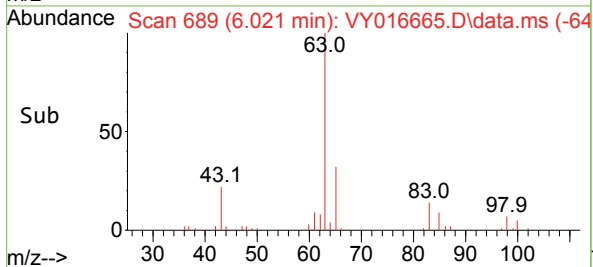
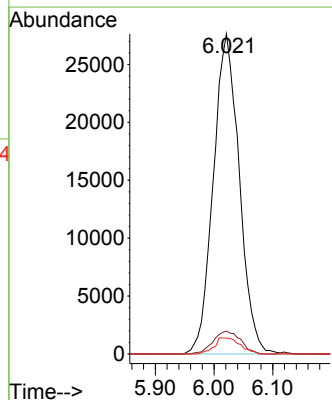
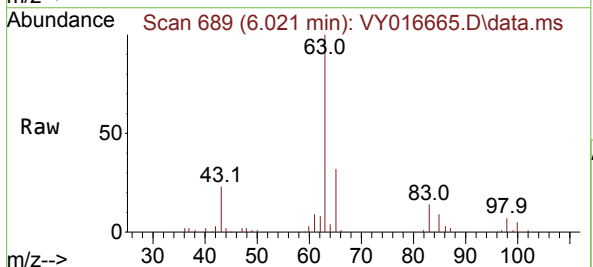
Instrument :
 MSVOA_Y
 ClientSampleId :

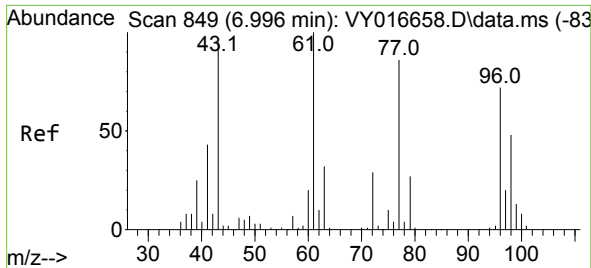
Tgt Ion: 43 Resp: 323543
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 23.240 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY016665.D
 Acq: 16 Dec 2023 11:31

Tgt Ion: 63 Resp: 84846
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.0 1.8 5.5

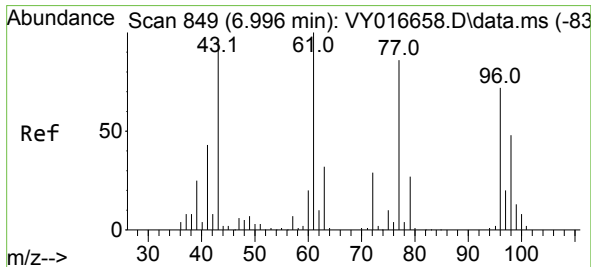
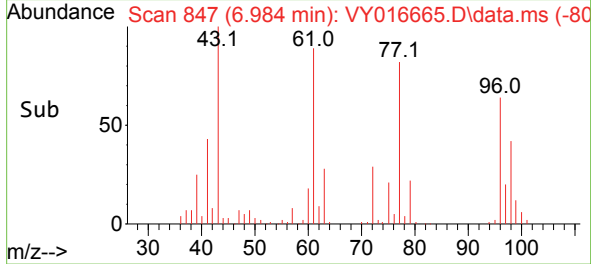
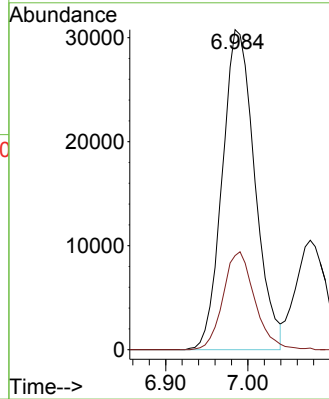
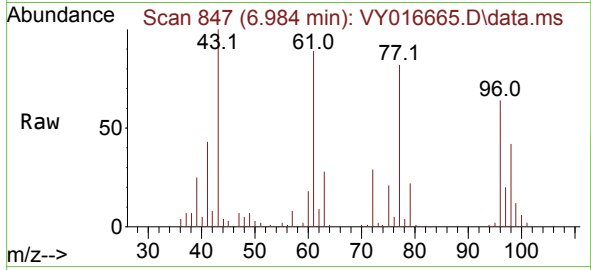




#25
2-Butanone
Concen: 138.761 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

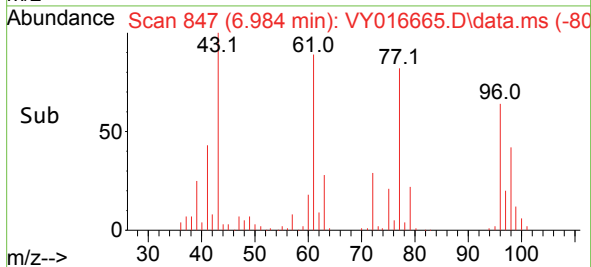
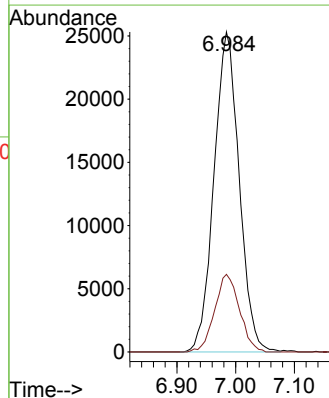
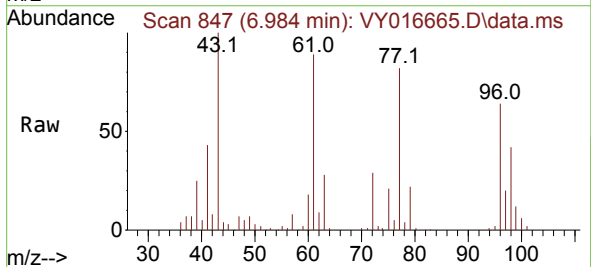
Instrument :
MSVOA_Y
ClientSampleId :

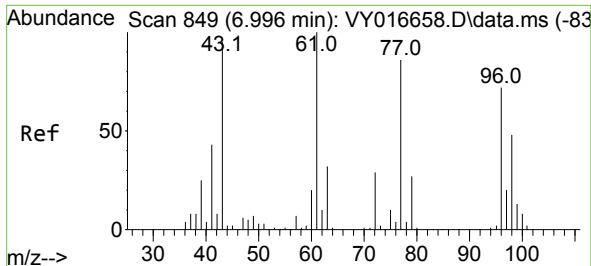
Tgt Ion: 43 Resp: 84682
Ion Ratio Lower Upper
43 100
72 29.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 23.239 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 77 Resp: 75326
Ion Ratio Lower Upper
77 100
97 23.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 23.217 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

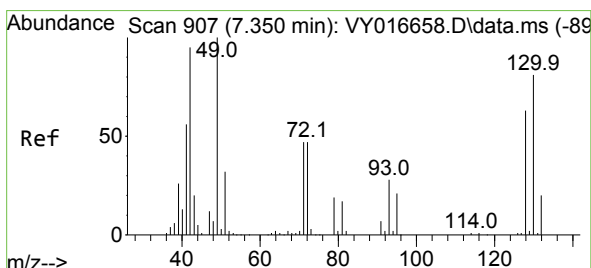
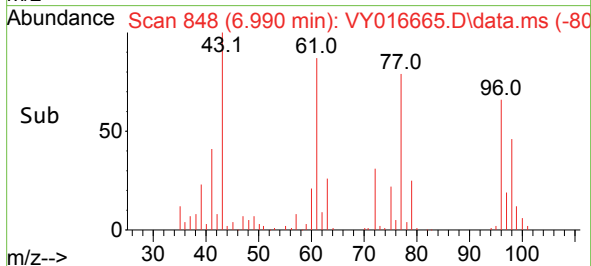
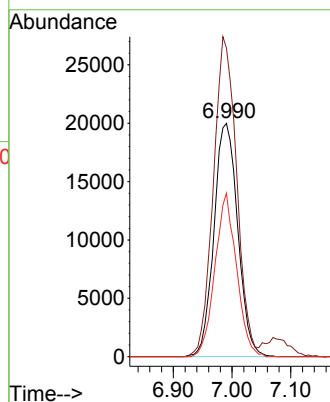
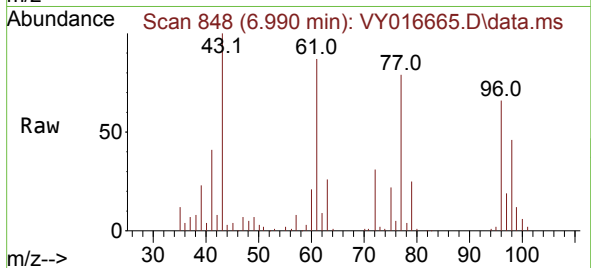
Tgt Ion: 96 Resp: 56240

Ion Ratio Lower Upper

96 100

61 134.1 0.0 301.4

98 63.6 0.0 130.4



#28

Bromochloromethane

Concen: 14.670 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

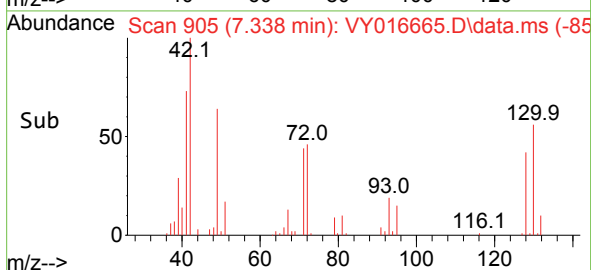
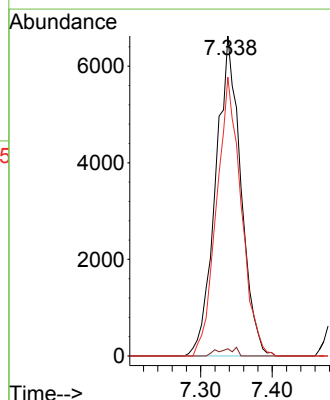
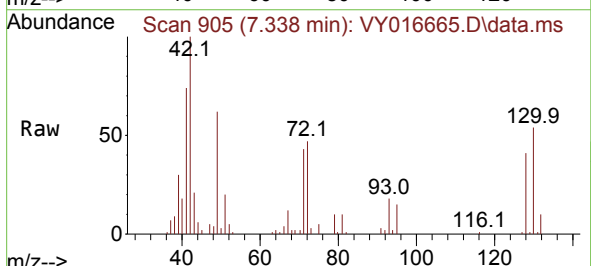
Tgt Ion: 49 Resp: 16174

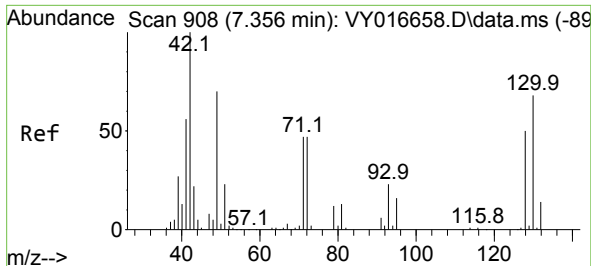
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 85.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 117.228 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

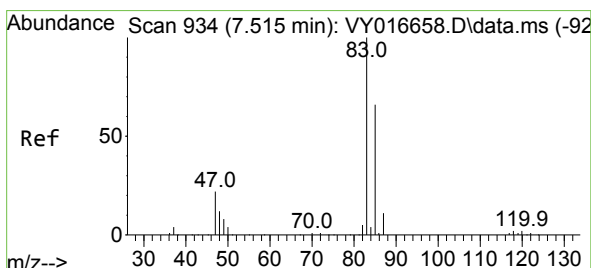
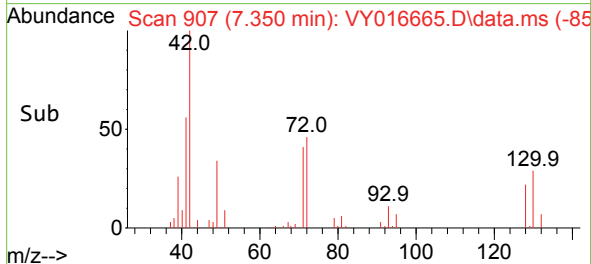
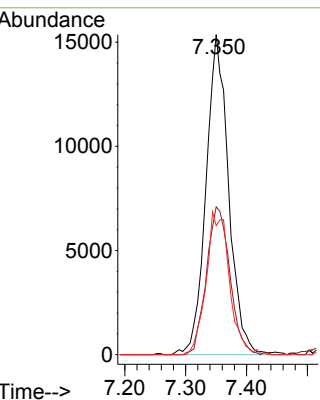
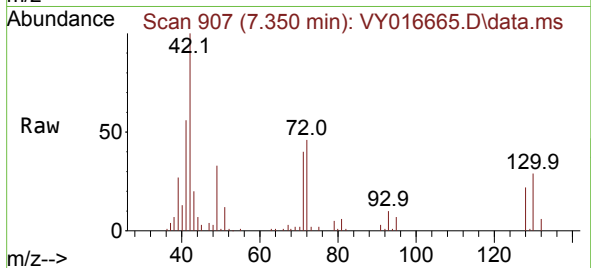
Tgt Ion: 42 Resp: 39521

Ion Ratio Lower Upper

42 100

72 47.9 32.8 49.2

71 46.0 31.0 46.4



#30

Chloroform

Concen: 23.421 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY016665.D

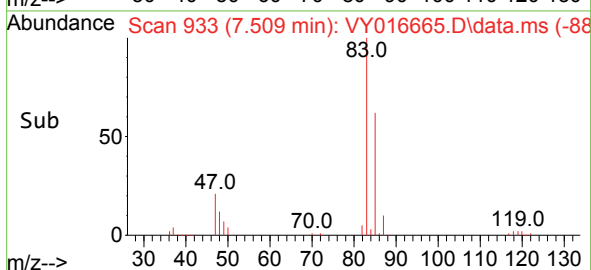
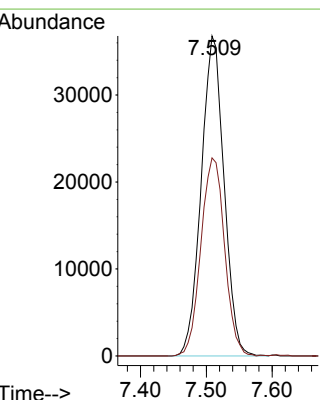
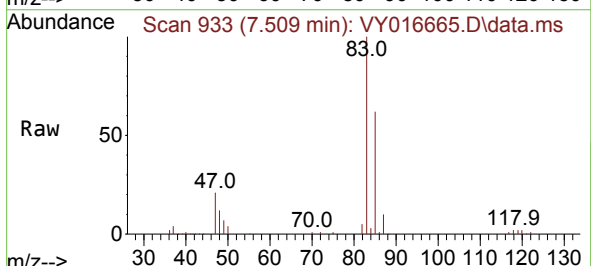
Acq: 16 Dec 2023 11:31

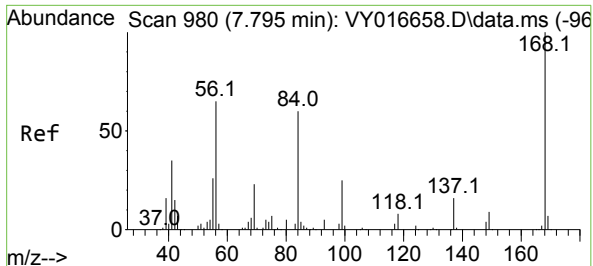
Tgt Ion: 83 Resp: 88924

Ion Ratio Lower Upper

83 100

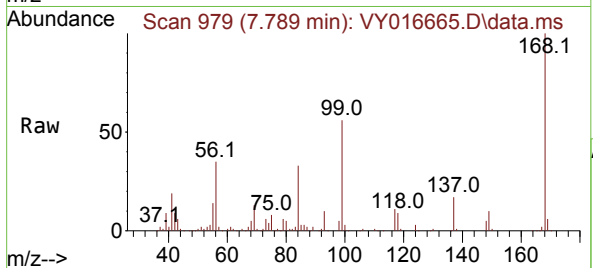
85 61.9 49.7 74.5



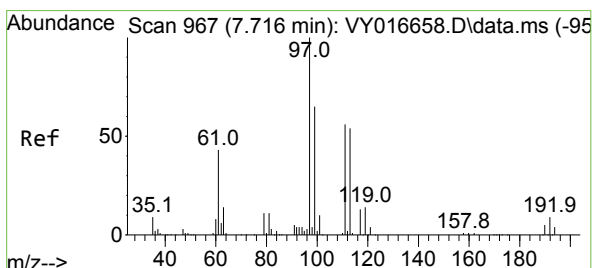
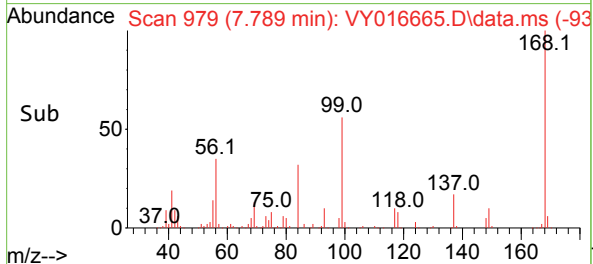
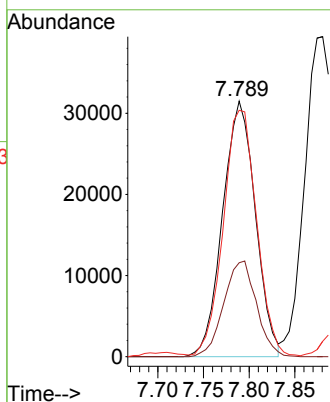


#31
Cyclohexane
Concen: 22.925 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Instrument :
MSVOA_Y
ClientSampleId :

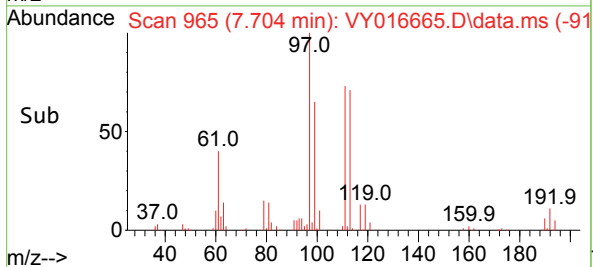
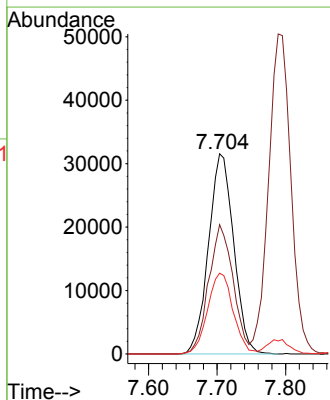
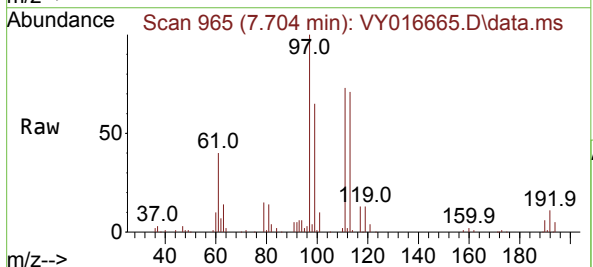


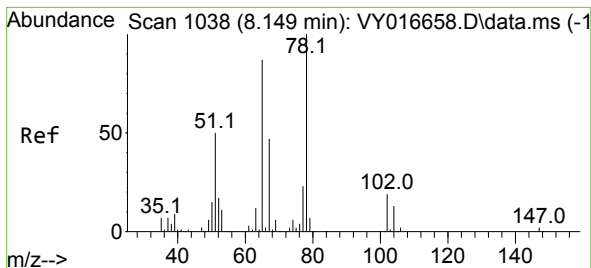
Tgt Ion: 56 Resp: 78494
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.6
84 95.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 23.591 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 97 Resp: 80355
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 41.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.321 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

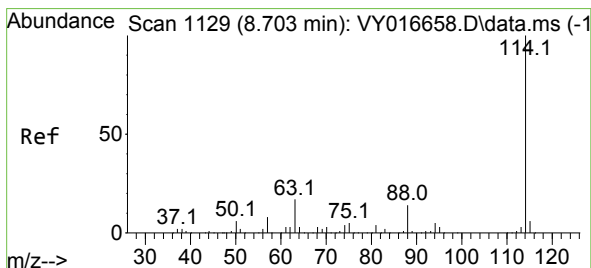
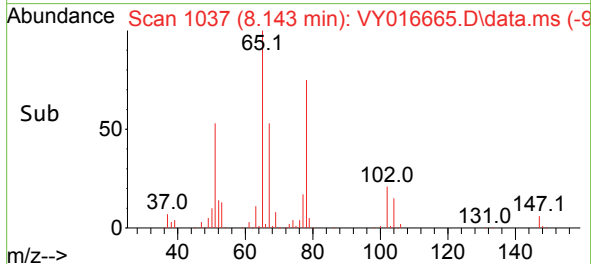
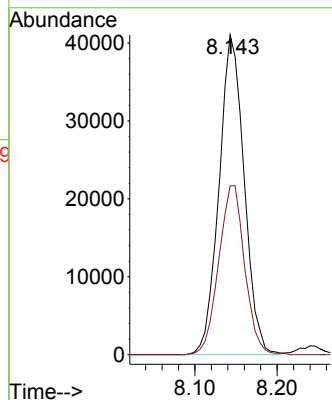
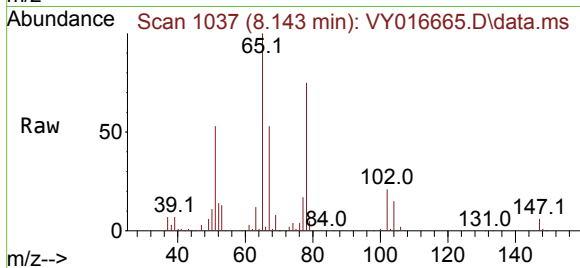
ClientSampleId :

Tgt Ion: 65 Resp: 87224

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

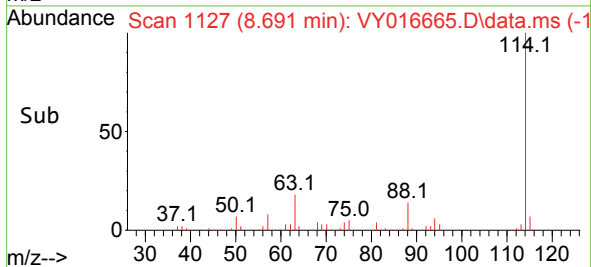
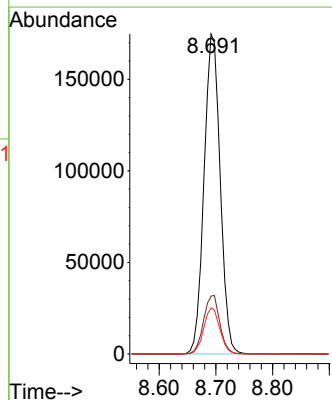
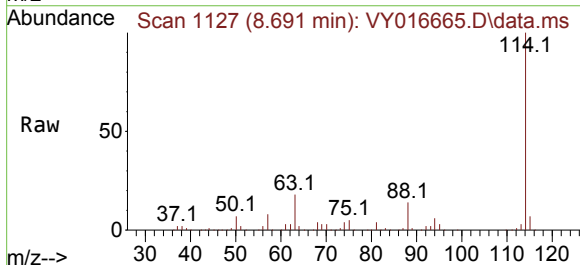
Tgt Ion: 114 Resp: 345205

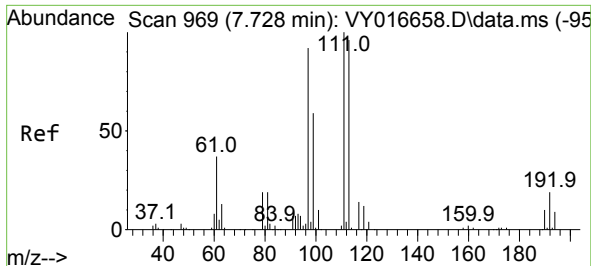
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

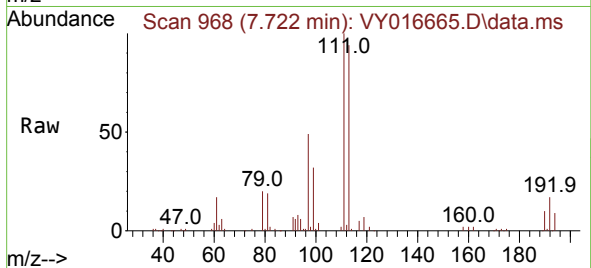
88 14.4 0.0 30.6



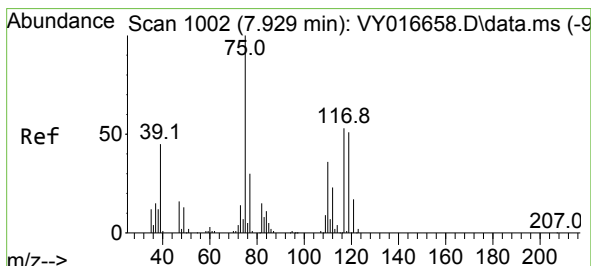
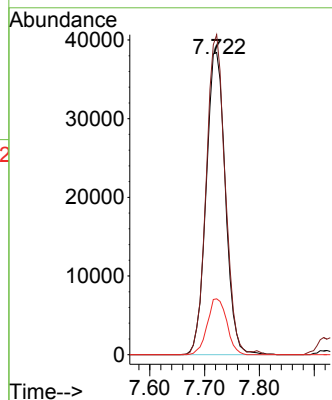
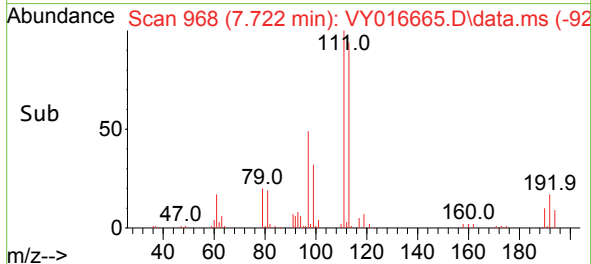


#35
Dibromofluoromethane
Concen: 50.517 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

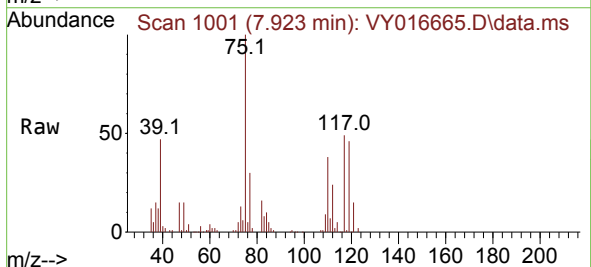
Instrument :
MSVOA_Y
ClientSampleId :



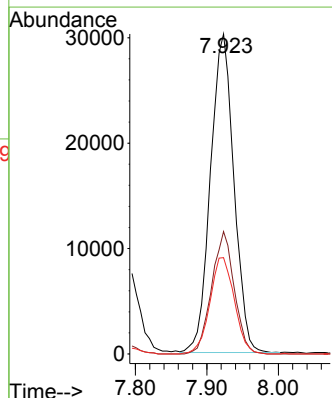
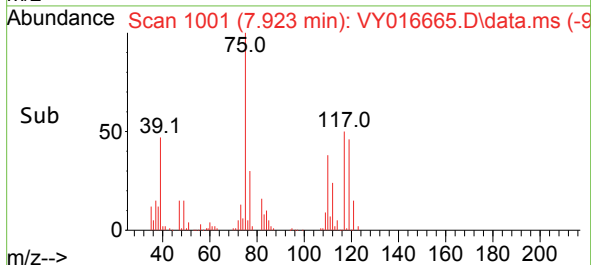
Tgt Ion:113 Resp: 93540
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 18.8 16.9 25.3

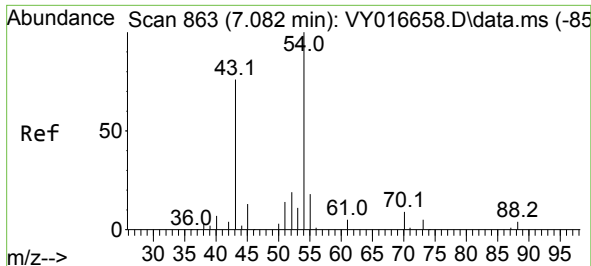


#36
1,1-Dichloropropene
Concen: 22.424 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31



Tgt Ion: 75 Resp: 68773
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 22.740 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.006 min

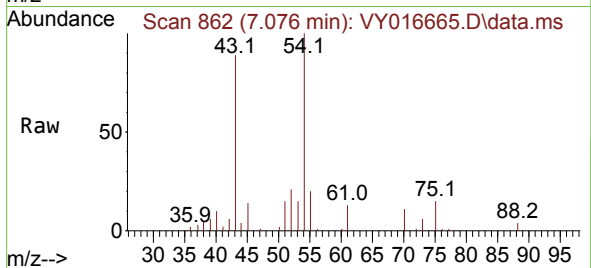
Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

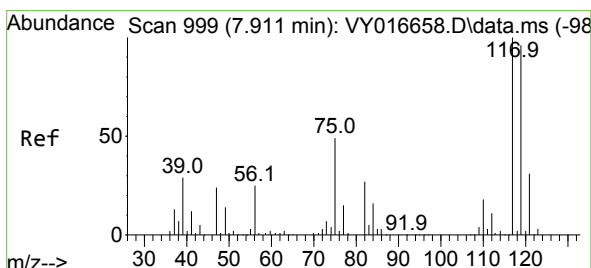
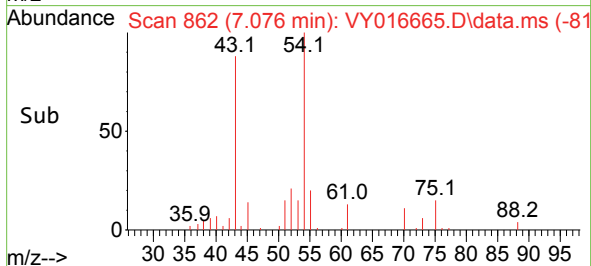
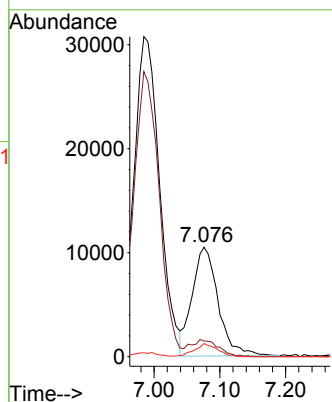
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 28740
Ion Ratio	Lower Upper
43	100
61	16.5 10.1 15.1#
70	10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 22.962 ug/l

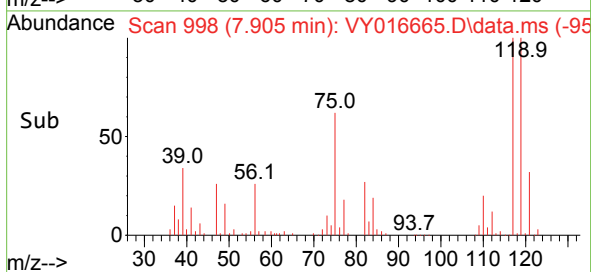
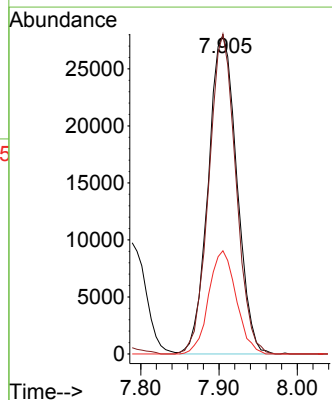
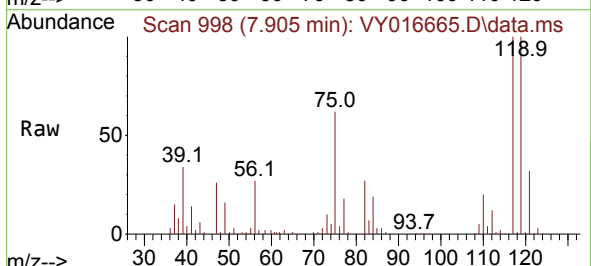
RT: 7.905 min Scan# 998

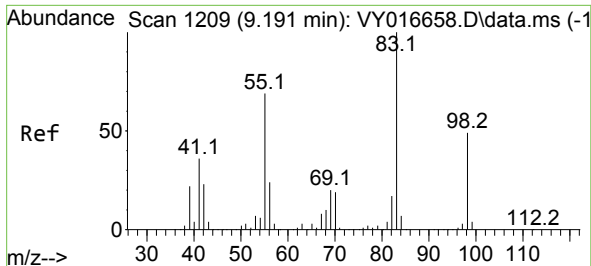
Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Tgt Ion: 117	Resp: 70737
Ion Ratio	Lower Upper
117	100
119	100.5 76.4 114.6
121	32.4 25.8 38.6





#39

Methylcyclohexane

Concen: 22.225 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

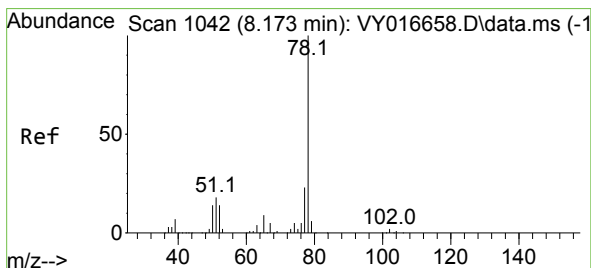
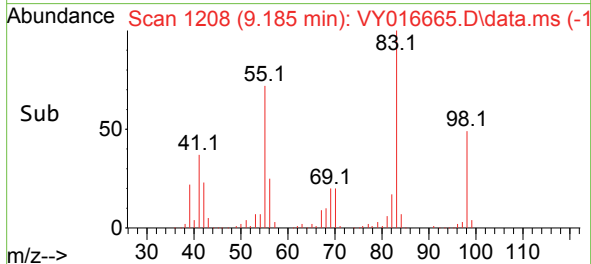
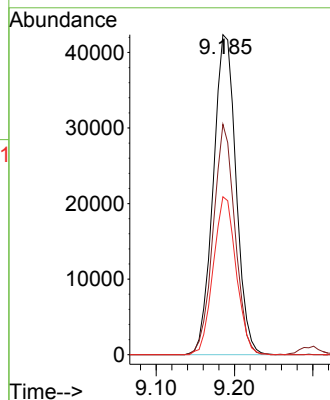
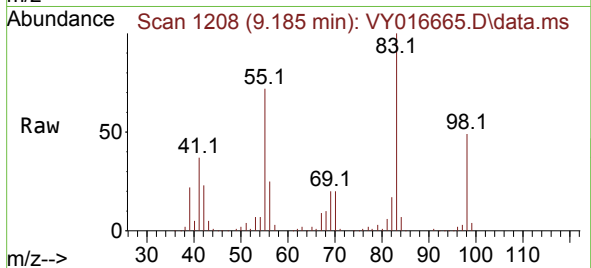
Tgt Ion: 83 Resp: 85670

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

98 49.4 37.4 56.2



#40

Benzene

Concen: 22.722 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY016665.D

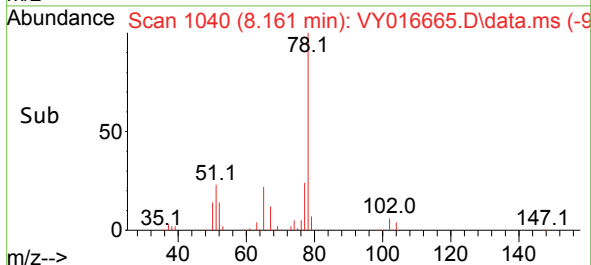
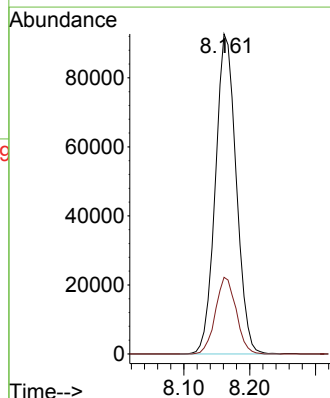
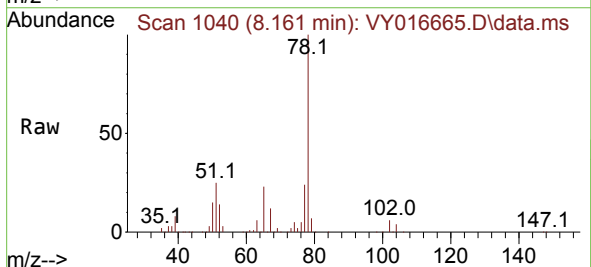
Acq: 16 Dec 2023 11:31

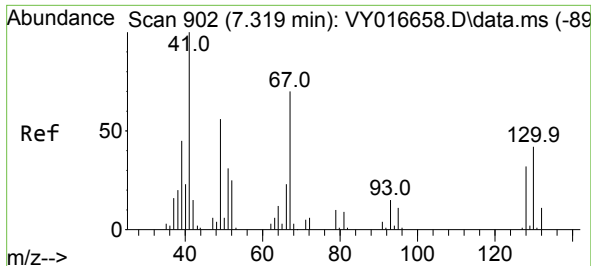
Tgt Ion: 78 Resp: 204241

Ion Ratio Lower Upper

78 100

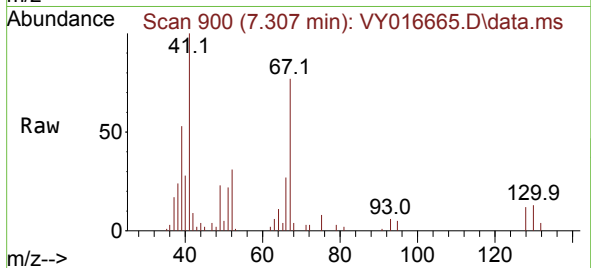
77 23.9 19.0 28.6



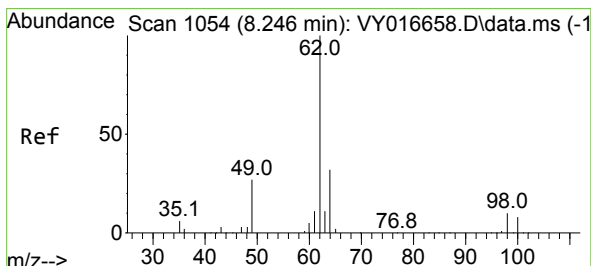
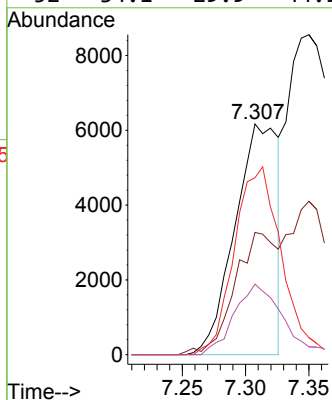
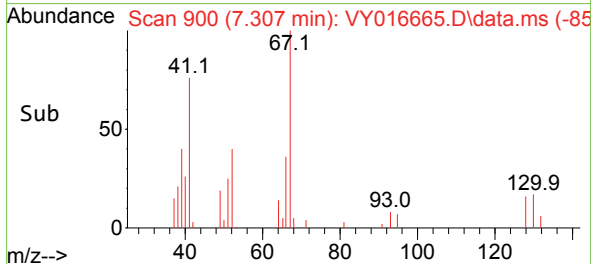


#41
Methacrylonitrile
Concen: 23.056 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Instrument :
MSVOA_Y
ClientSampleId :

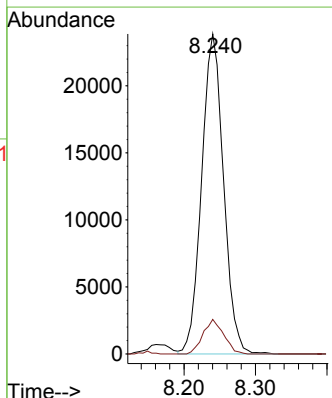
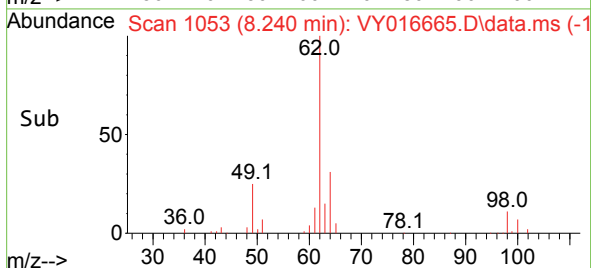
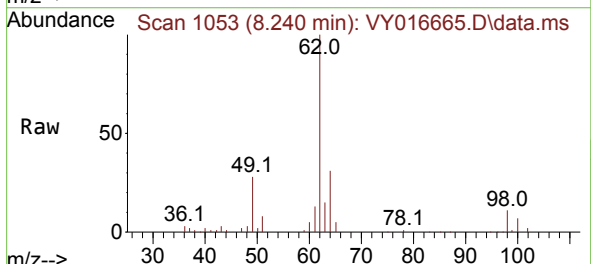


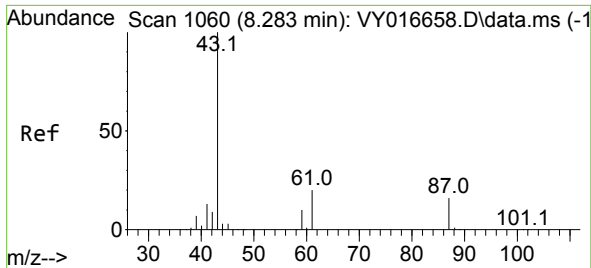
Tgt Ion: 41 Resp: 14678
Ion Ratio Lower Upper
41 100
39 52.0 52.1 78.1#
67 88.2 66.2 99.2
52 34.1 29.9 44.9



#42
1,2-Dichloroethane
Concen: 22.120 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 62 Resp: 50817
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8

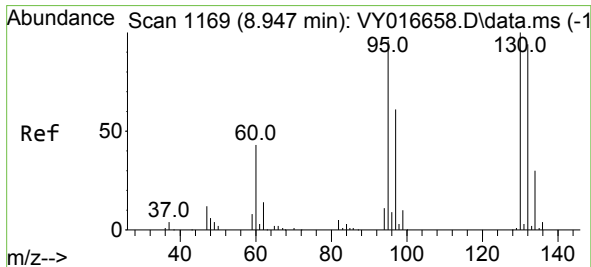
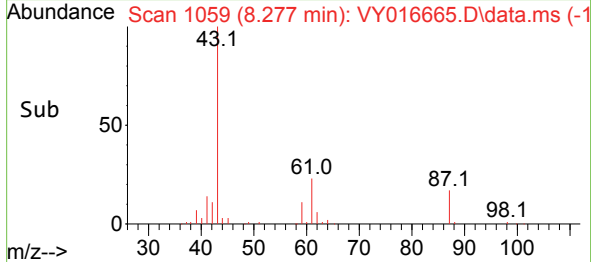
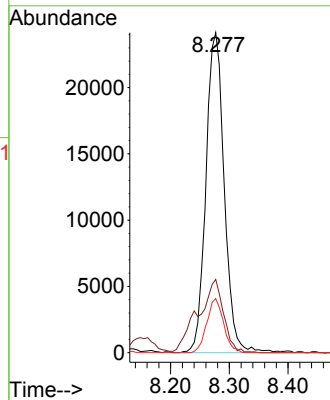
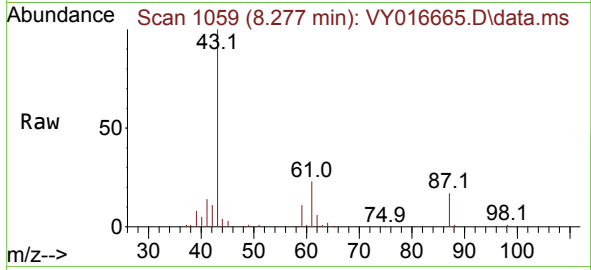




#43
Isopropyl Acetate
Concen: 22.539 ug/l
RT: 8.277 min Scan# 11059
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

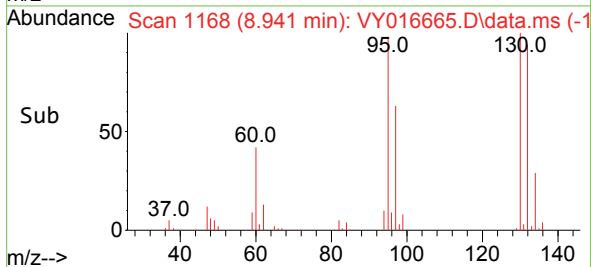
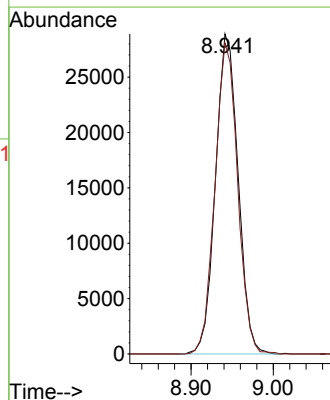
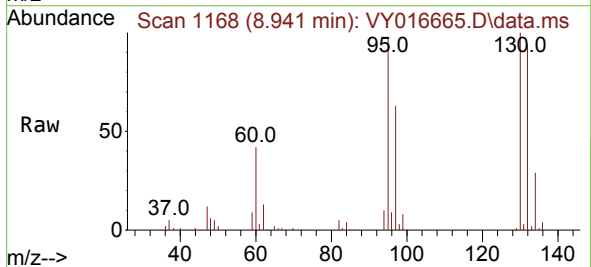
Instrument :
MSVOA_Y
ClientSampleId :

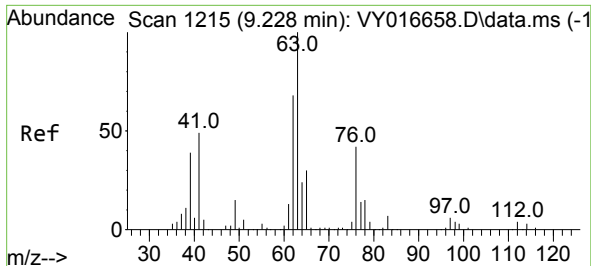
Tgt Ion: 43 Resp: 52353
Ion Ratio Lower Upper
43 100
61 31.8 21.1 31.7#
87 15.5 9.8 14.8#



#44
Trichloroethene
Concen: 22.069 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion:130 Resp: 55248
Ion Ratio Lower Upper
130 100
95 97.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 22.943 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

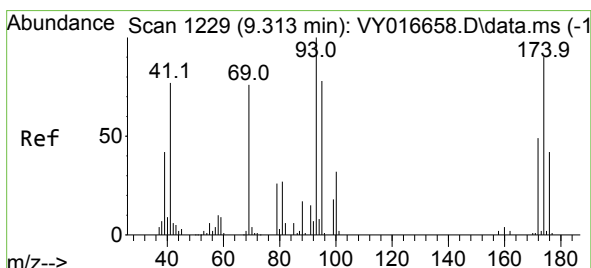
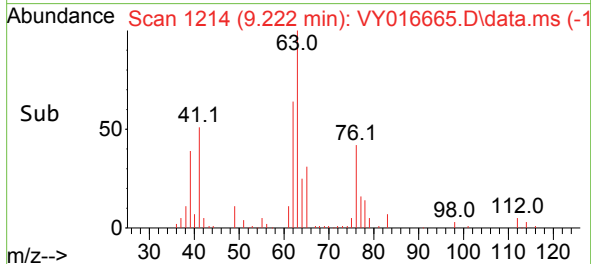
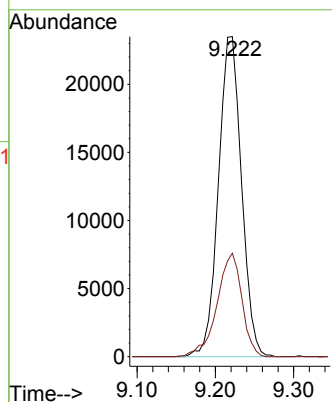
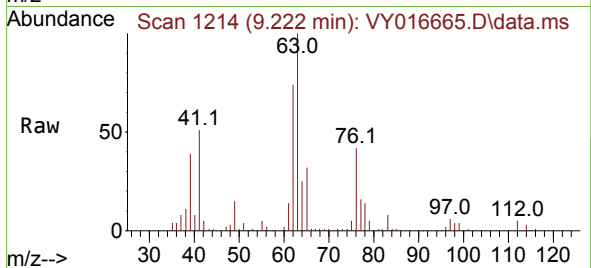
ClientSampleId :

Tgt Ion: 63 Resp: 48178

Ion Ratio Lower Upper

63 100

65 32.4 23.8 35.6



#46

Dibromomethane

Concen: 23.172 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

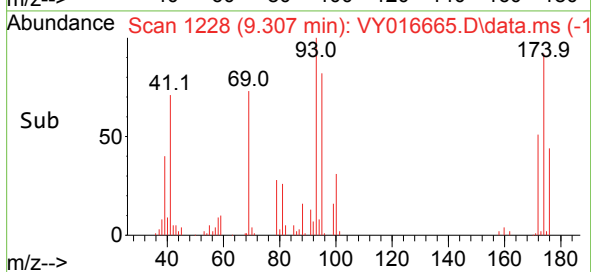
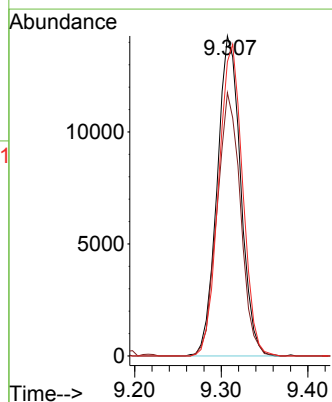
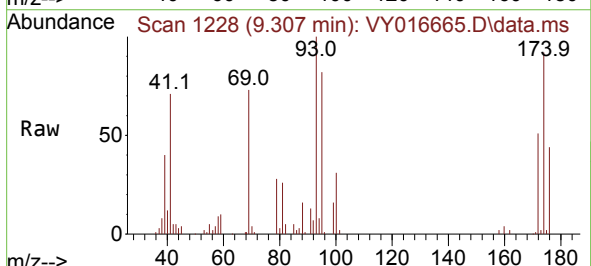
Tgt Ion: 93 Resp: 26910

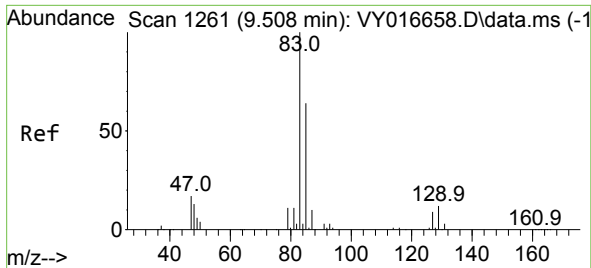
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 99.1 84.8 127.2

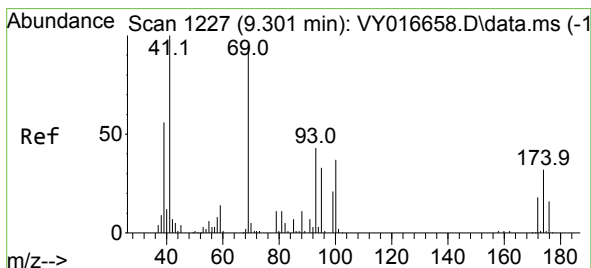
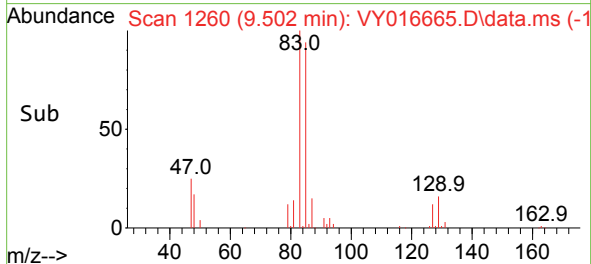
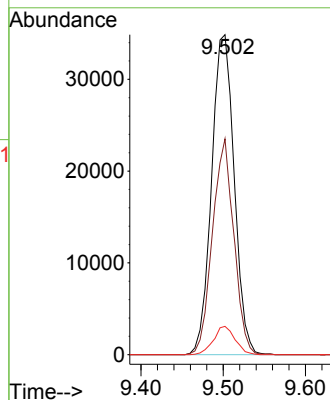
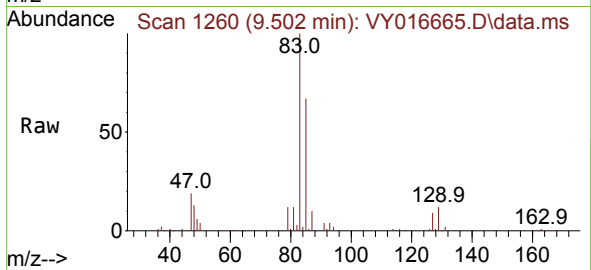




#47
Bromodichloromethane
Concen: 22.694 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

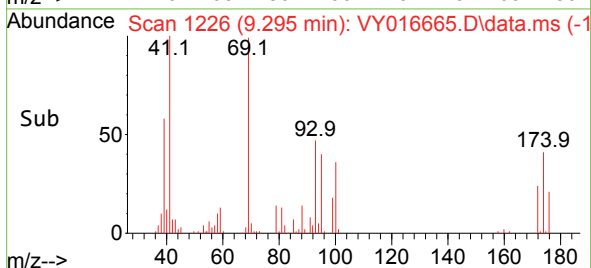
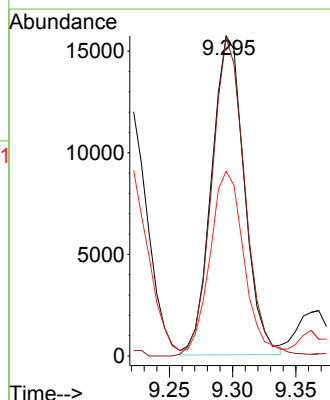
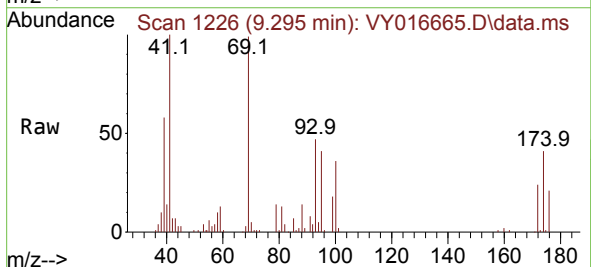
Instrument :
MSVOA_Y
ClientSampleId :

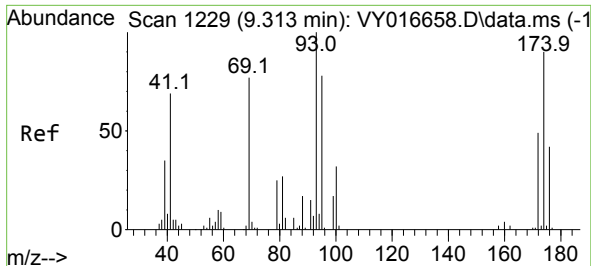
Tgt Ion: 83 Resp: 66589
Ion Ratio Lower Upper
83 100
85 67.4 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 21.995 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 41 Resp: 28291
Ion Ratio Lower Upper
41 100
69 100.2 64.5 96.7#
39 56.4 50.8 76.2





#49

1,4-Dioxane

Concen: 441.402 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

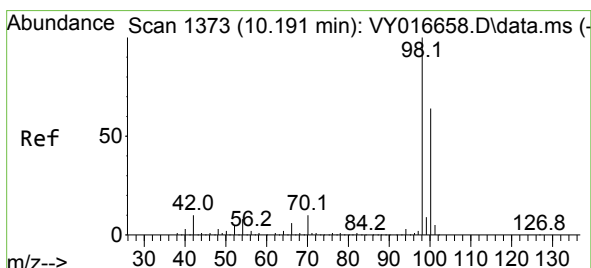
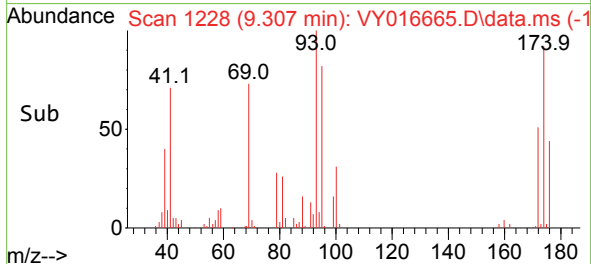
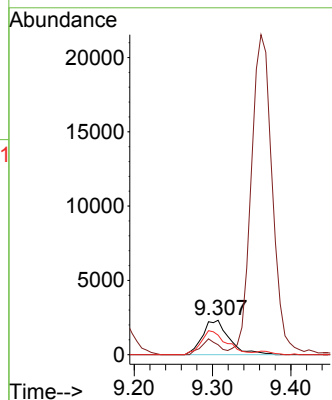
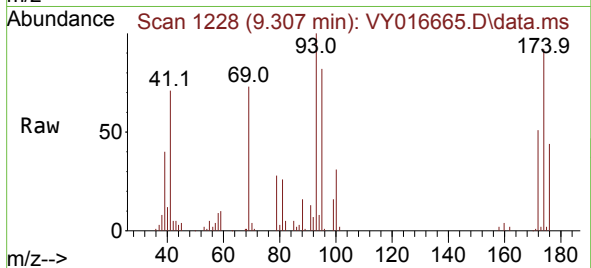
Tgt Ion: 88 Resp: 5491

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0#

58 66.5 30.9 46.3#



#50

Toluene-d8

Concen: 48.609 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016665.D

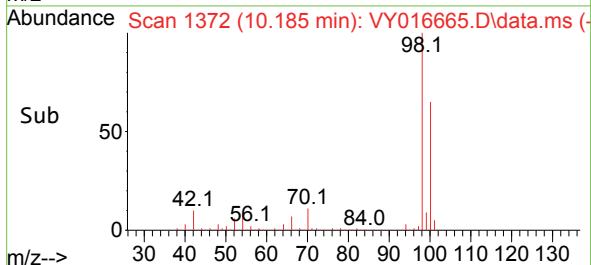
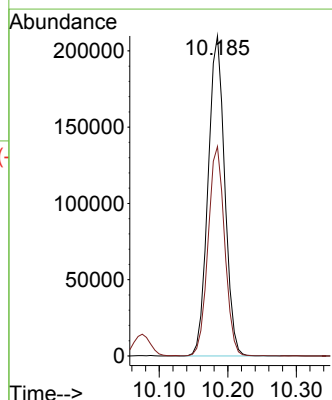
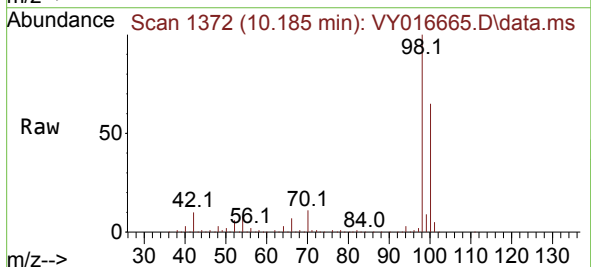
Acq: 16 Dec 2023 11:31

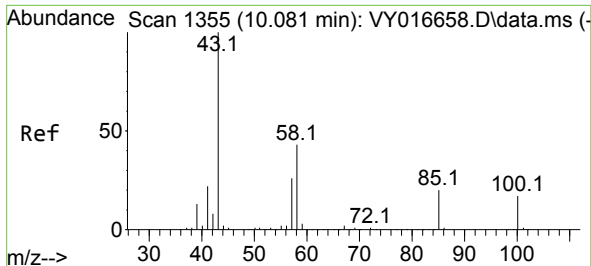
Tgt Ion: 98 Resp: 354434

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 115.752 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

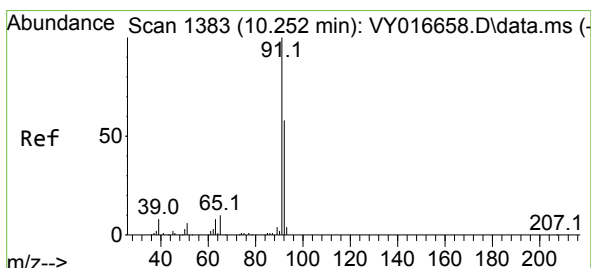
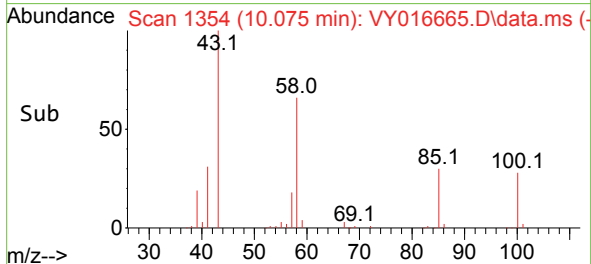
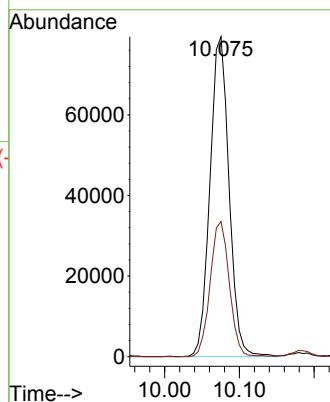
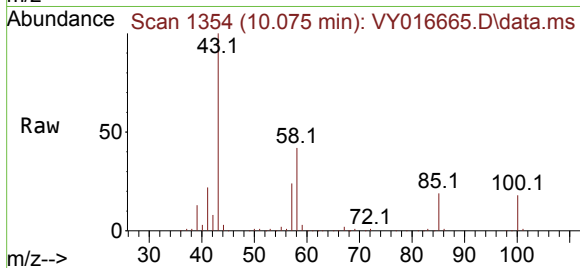
ClientSampleId :

Tgt Ion: 43 Resp: 141012

Ion Ratio Lower Upper

43 100

58 42.3 29.0 43.6



#52

Toluene

Concen: 22.626 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.006 min

Lab File: VY016665.D

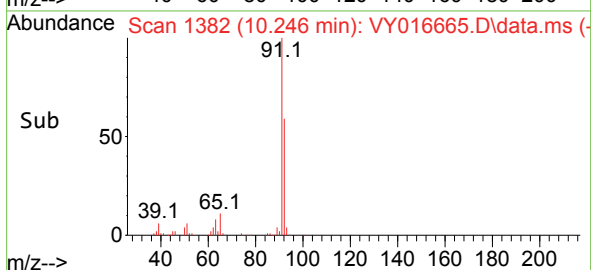
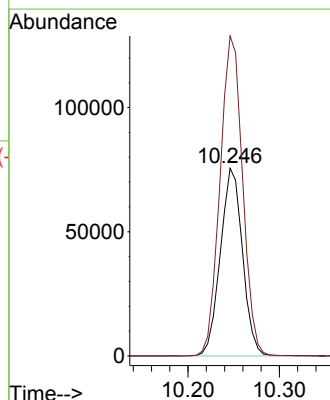
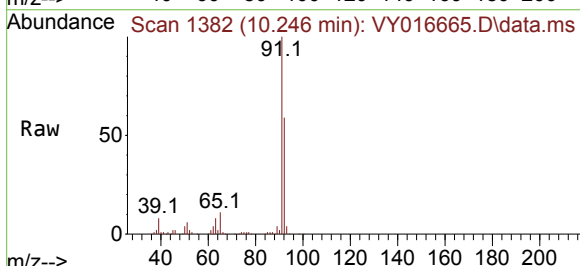
Acq: 16 Dec 2023 11:31

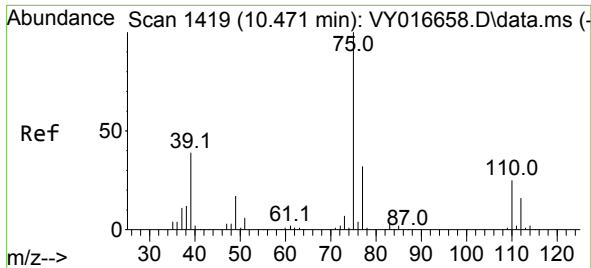
Tgt Ion: 92 Resp: 127396

Ion Ratio Lower Upper

92 100

91 173.9 143.8 215.6

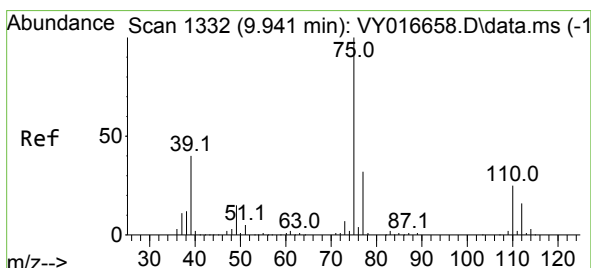
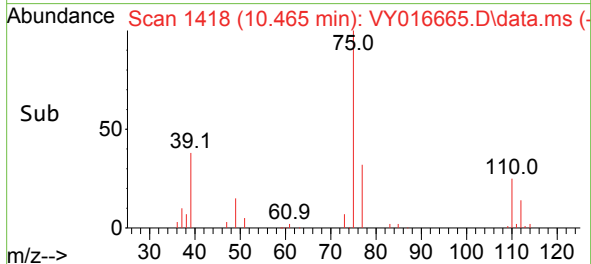
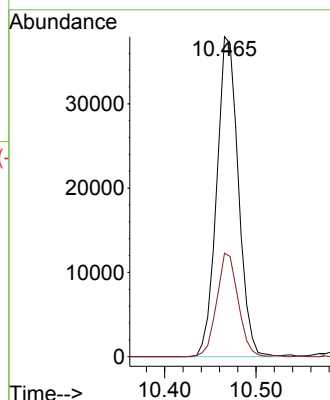
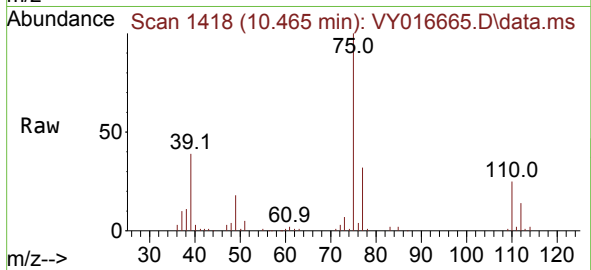




#53
 t-1,3-Dichloropropene
 Concen: 22.587 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY016665.D
 Acq: 16 Dec 2023 11:31

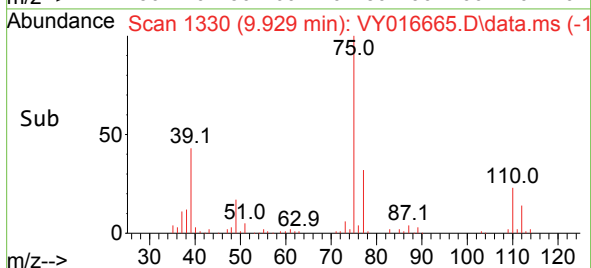
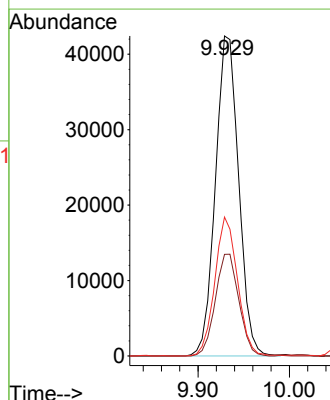
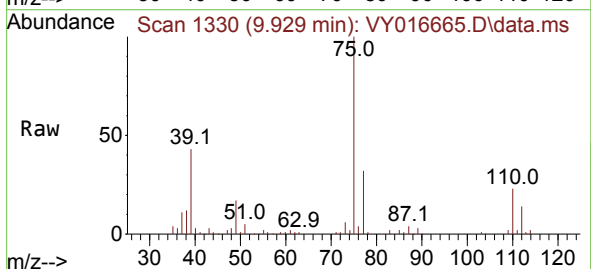
Instrument :
 MSVOA_Y
 ClientSampleId :

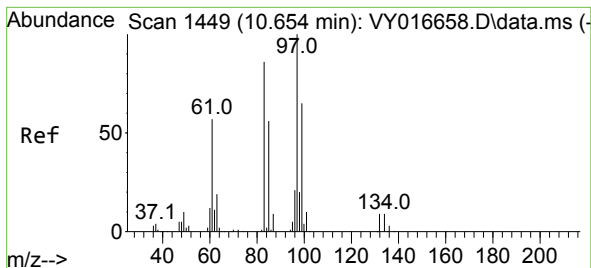
Tgt Ion: 75 Resp: 62523
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 22.542 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: VY016665.D
 Acq: 16 Dec 2023 11:31

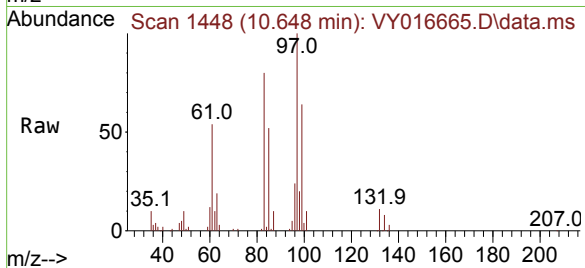
Tgt Ion: 75 Resp: 75021
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 43.4 42.2 63.4



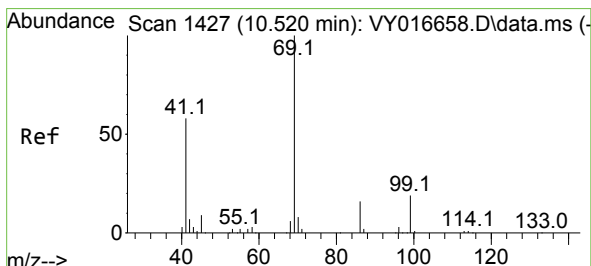
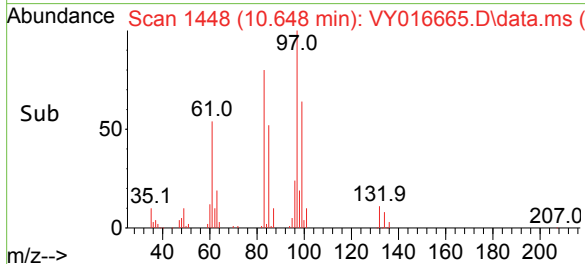
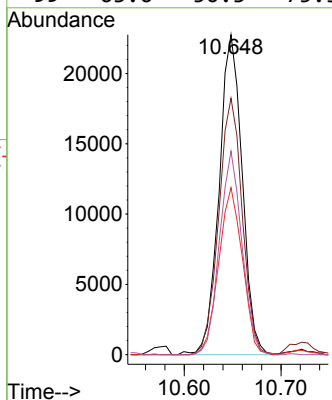


#55
1,1,2-Trichloroethane
Concen: 23.101 ug/l
RT: 10.648 min Scan# 1449
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Instrument :
MSVOA_Y
ClientSampleId :

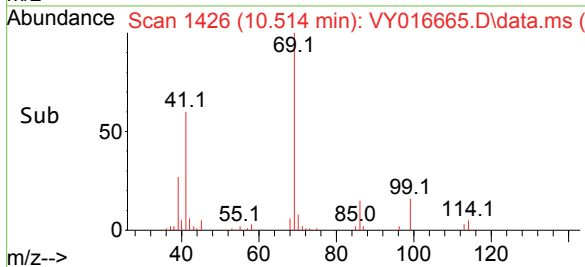
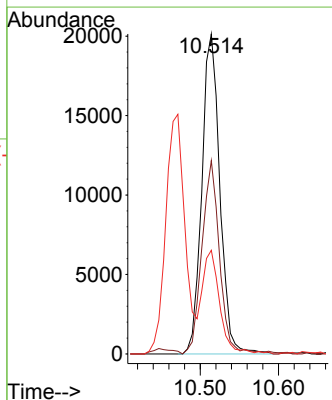
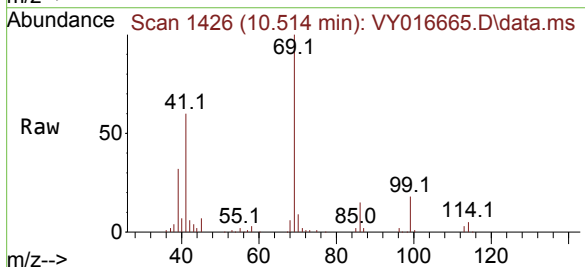


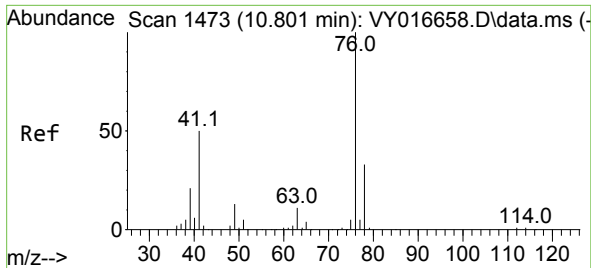
Tgt Ion: 97	Resp: 37695
Ion Ratio	Lower Upper
97 100	
83 80.1	72.0 108.0
85 52.2	45.4 68.0
99 63.6	50.3 75.5



#56
Ethyl methacrylate
Concen: 22.725 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 69	Resp: 32150
Ion Ratio	Lower Upper
69 100	
41 59.5	57.6 86.4
39 30.9	34.1 51.1#

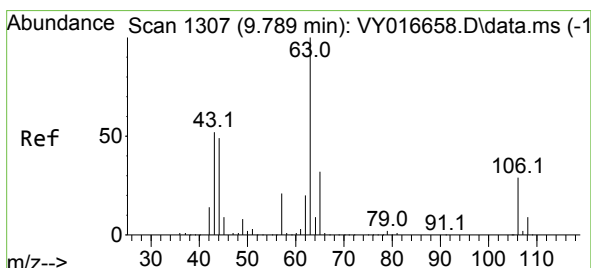
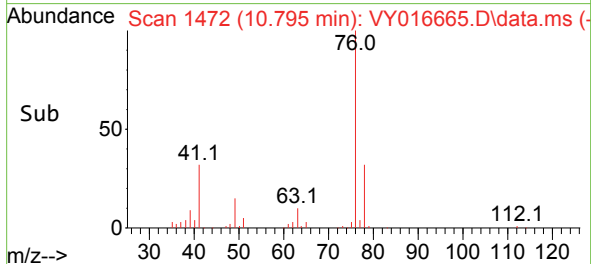
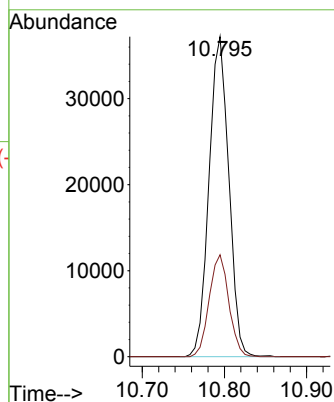
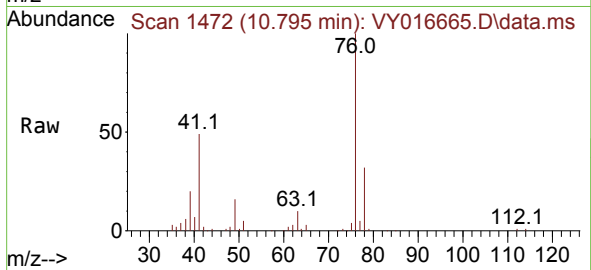




#57
1,3-Dichloropropane
Concen: 22.881 ug/l
RT: 10.795 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

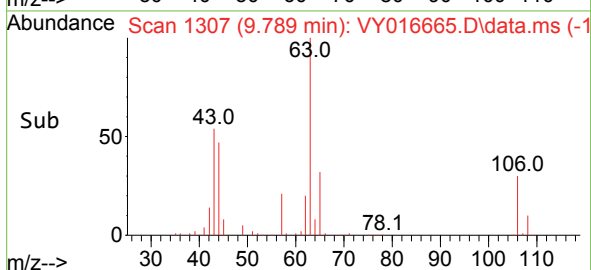
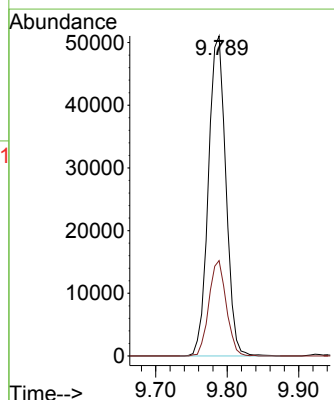
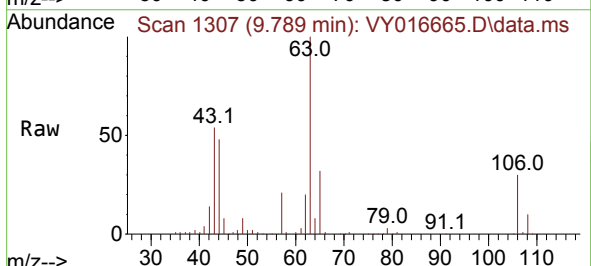
Instrument :
MSVOA_Y
ClientSampleId :

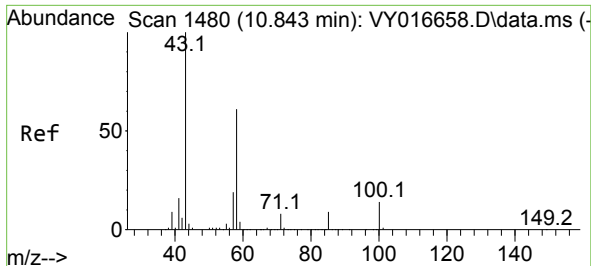
Tgt Ion: 76 Resp: 62136
Ion Ratio Lower Upper
76 100
78 31.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 96.370 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 63 Resp: 86561
Ion Ratio Lower Upper
63 100
106 29.7 21.2 31.8

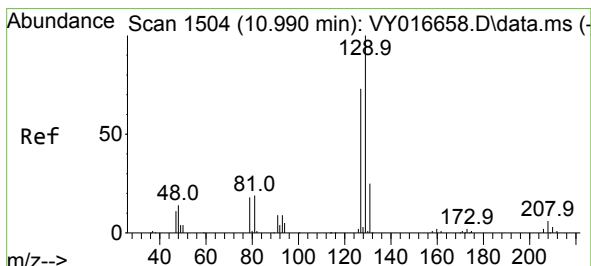
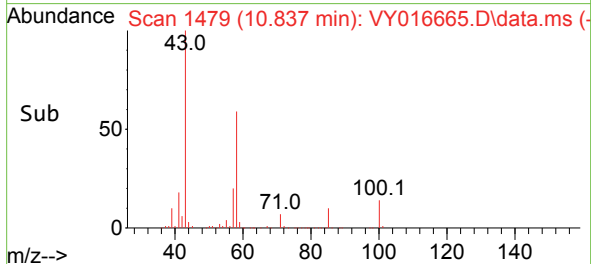
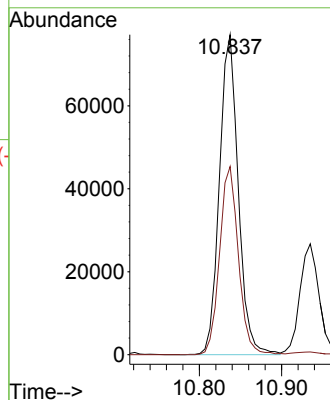
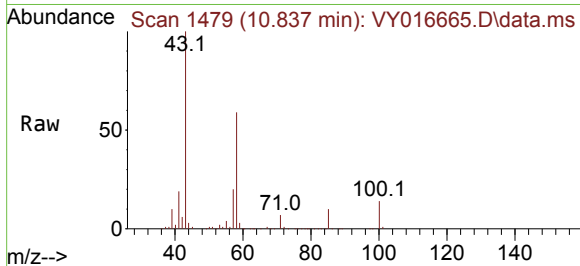




#59
2-Hexanone
Concen: 122.976 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

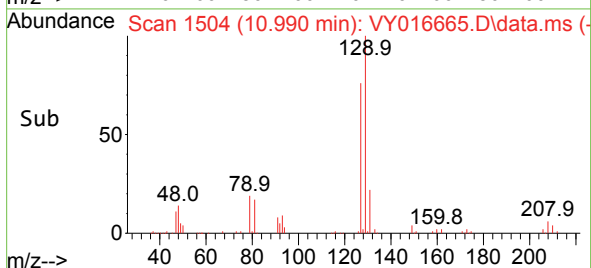
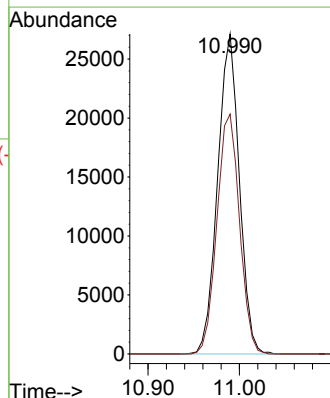
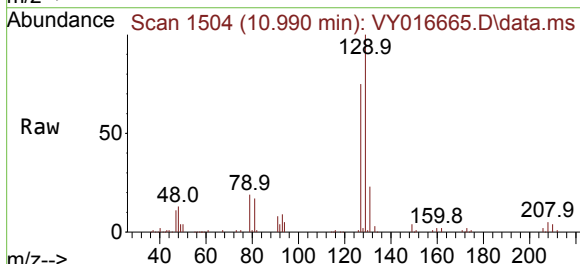
Instrument :
MSVOA_Y
ClientSampleId :

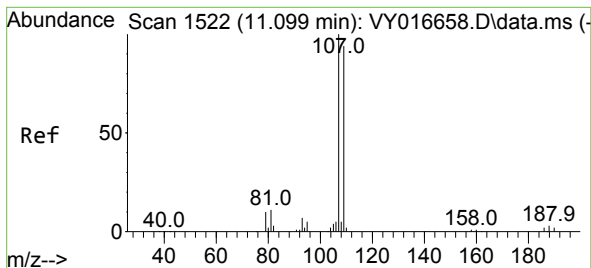
Tgt Ion: 43 Resp: 122907
Ion Ratio Lower Upper
43 100
58 58.8 25.1 75.3



#60
Dibromochloromethane
Concen: 22.635 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 129 Resp: 44762
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 22.498 ug/l

RT: 11.093 min Scan# 1522

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

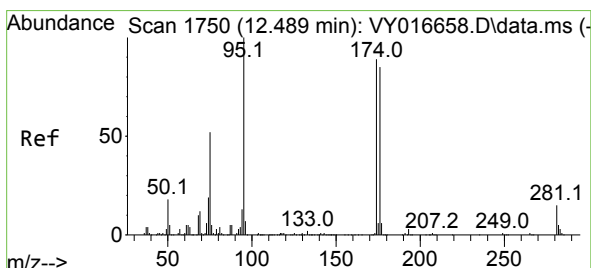
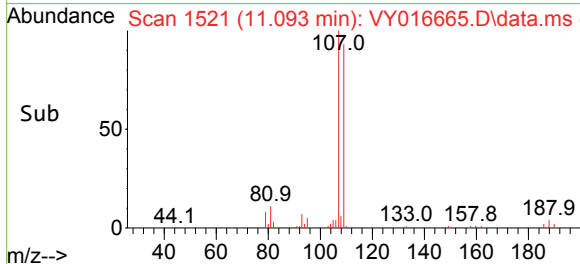
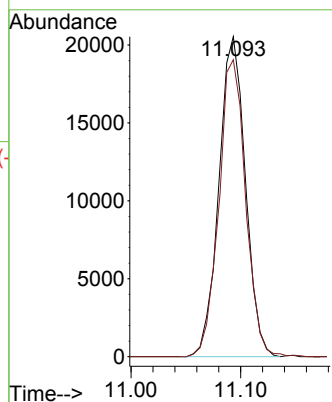
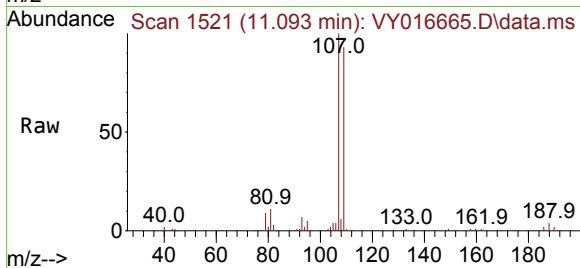
ClientSampleId :

Tgt Ion:107 Resp: 34455

Ion Ratio Lower Upper

107 100

109 93.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 47.315 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

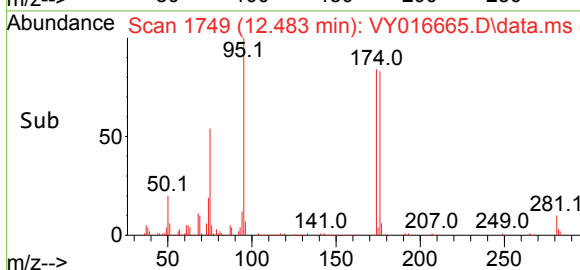
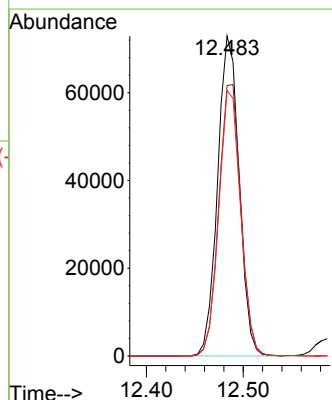
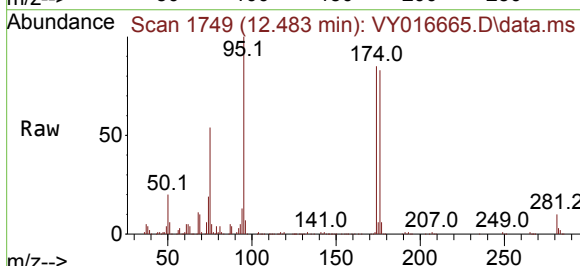
Tgt Ion: 95 Resp: 112276

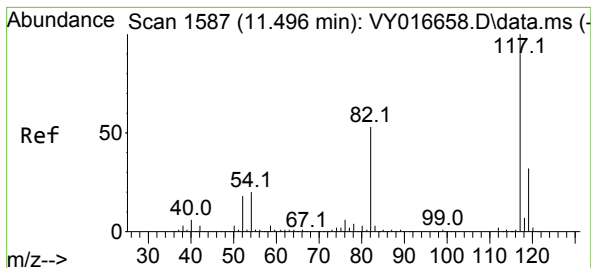
Ion Ratio Lower Upper

95 100

174 87.7 0.0 178.2

176 84.4 0.0 173.8

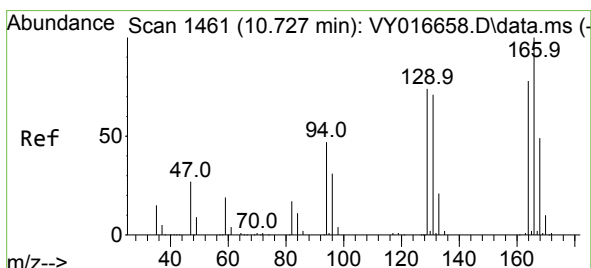
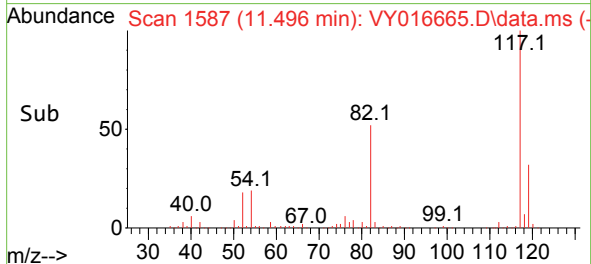
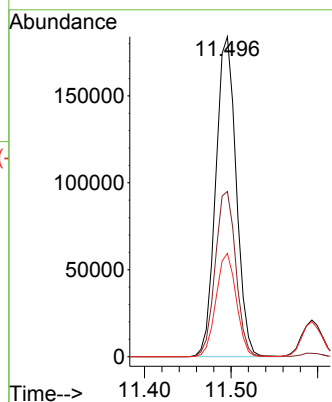
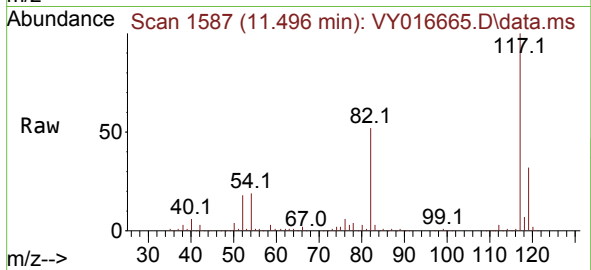




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

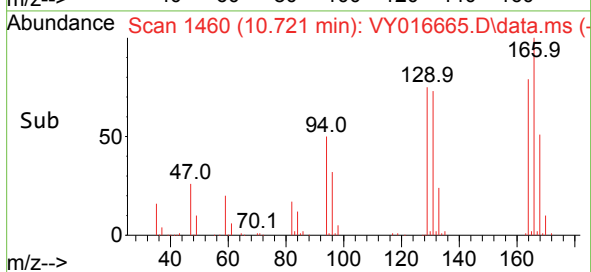
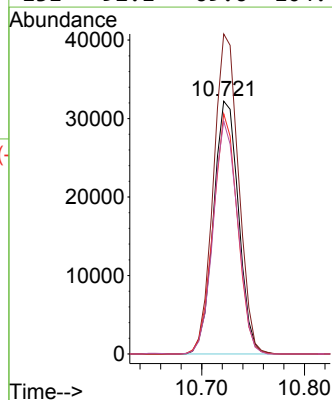
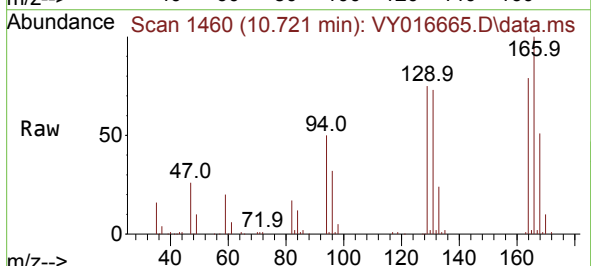
Instrument :
MSVOA_Y
ClientSampleId :

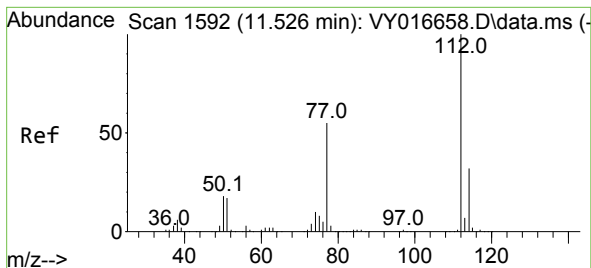
Tgt Ion:117 Resp: 301200
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 32.3 26.3 39.5



#64
Tetrachloroethene
Concen: 22.049 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion:164 Resp: 54410
Ion Ratio Lower Upper
164 100
166 126.6 103.0 154.6
129 95.0 77.2 115.8
131 92.1 69.6 104.4





#65

Chlorobenzene

Concen: 22.461 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

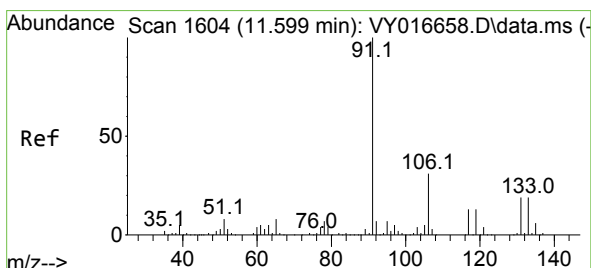
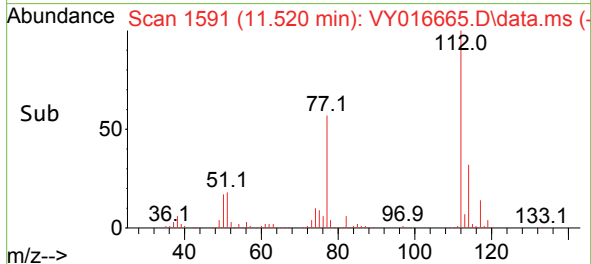
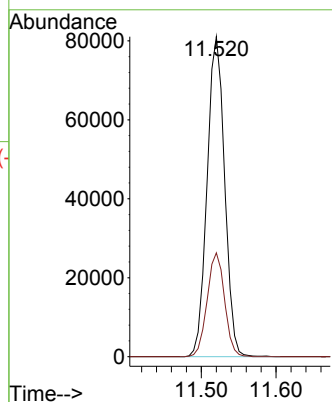
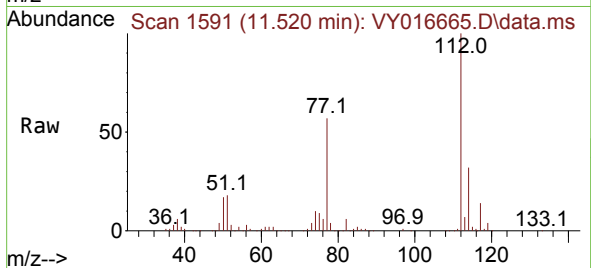
ClientSampleId :

Tgt Ion:112 Resp: 131955

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 22.537 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

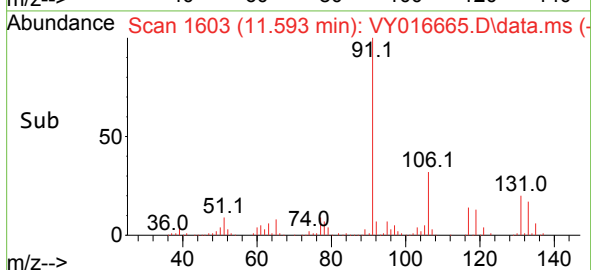
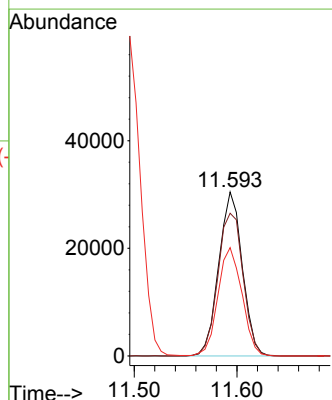
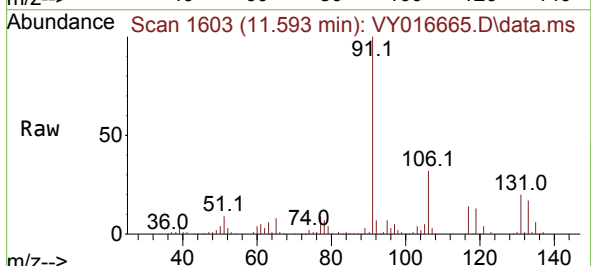
Tgt Ion:131 Resp: 48424

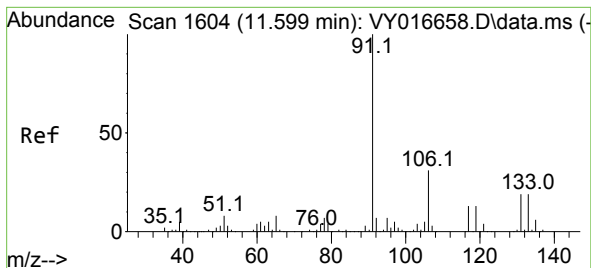
Ion Ratio Lower Upper

131 100

133 93.7 47.5 142.6

119 67.4 31.6 94.7





#67

Ethyl Benzene

Concen: 22.523 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

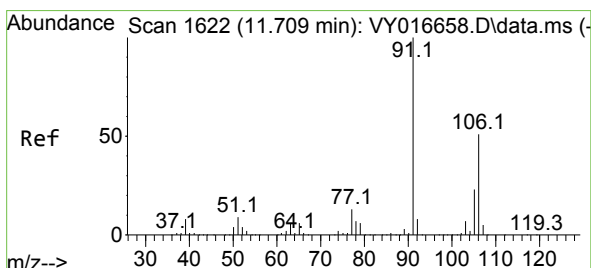
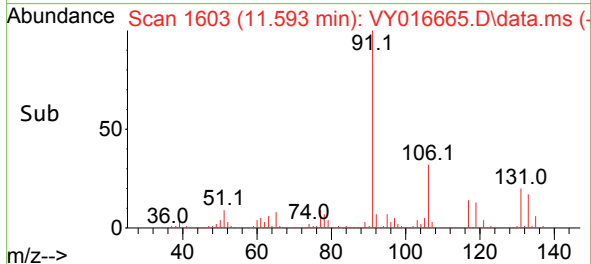
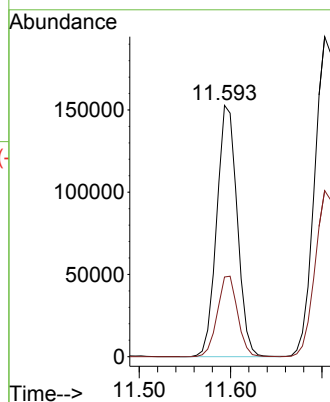
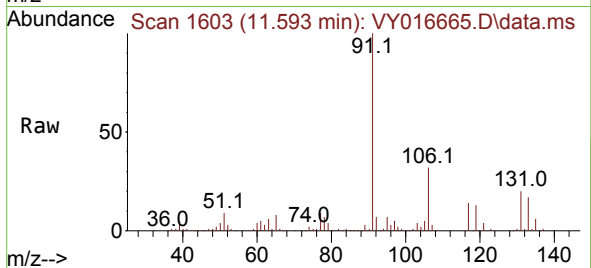
ClientSampleId :

Tgt Ion: 91 Resp: 238063

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 45.021 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY016665.D

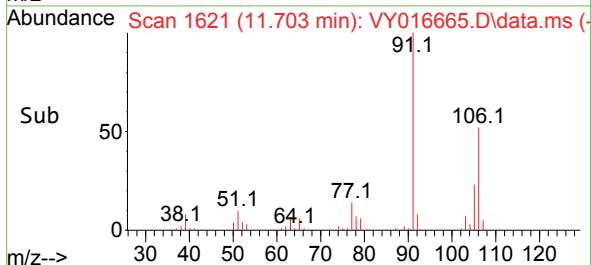
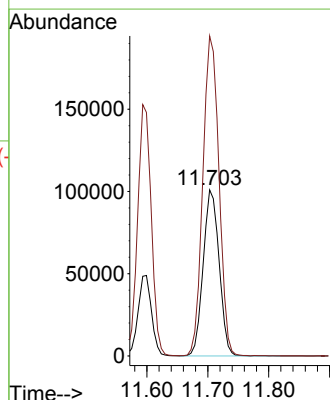
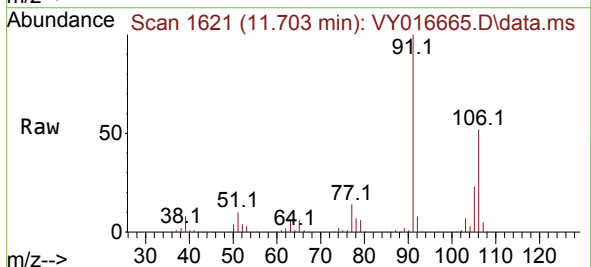
Acq: 16 Dec 2023 11:31

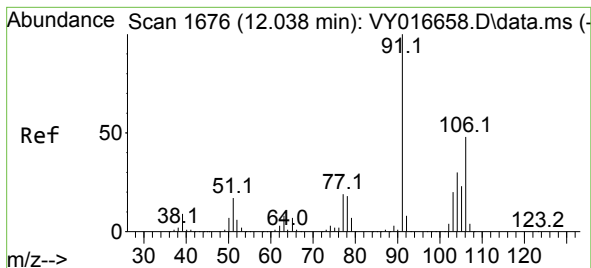
Tgt Ion:106 Resp: 183577

Ion Ratio Lower Upper

106 100

91 194.8 166.1 249.1





#69

o-Xylene

Concen: 22.199 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

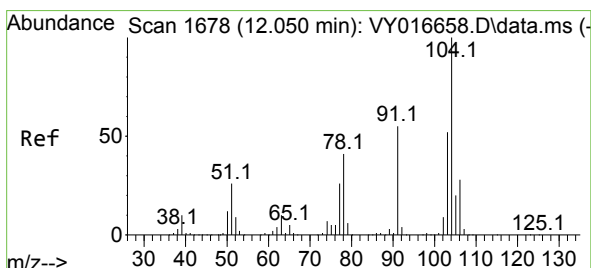
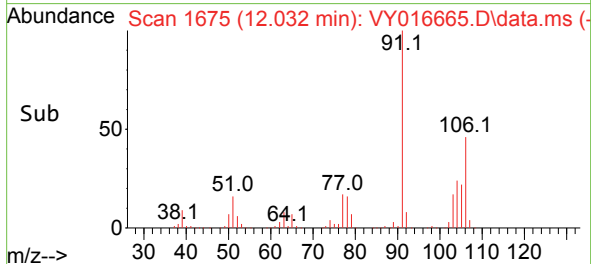
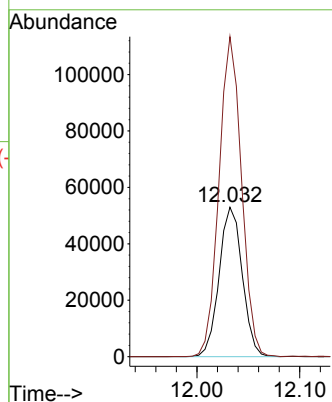
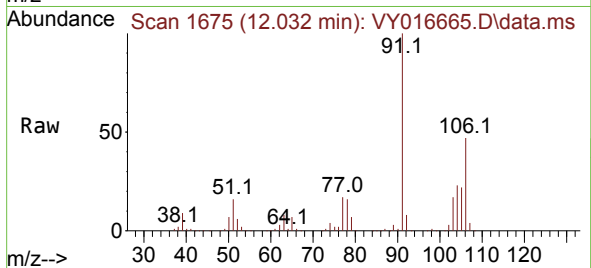
ClientSampleId :

Tgt Ion:106 Resp: 82797

Ion Ratio Lower Upper

106 100

91 208.6 108.1 324.3



#70

Styrene

Concen: 22.050 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

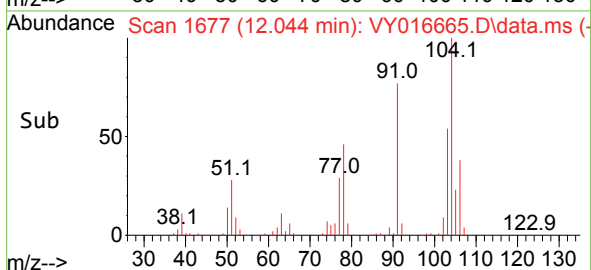
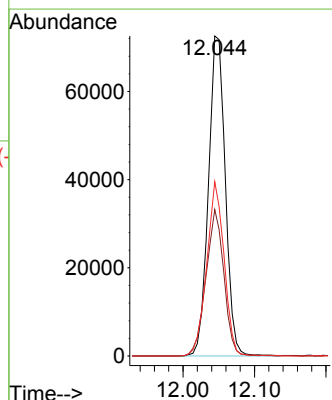
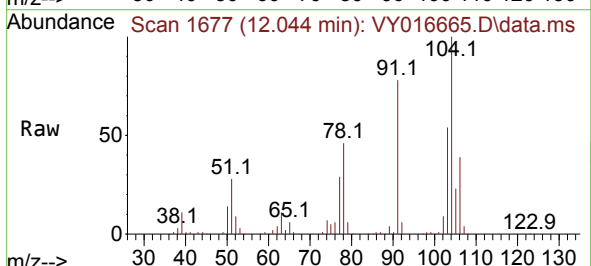
Tgt Ion:104 Resp: 119153

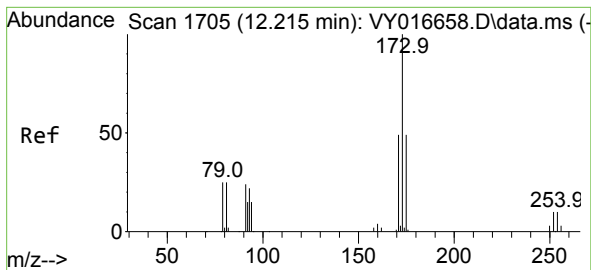
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 56.2 44.6 67.0





#71

Bromoform

Concen: 22.054 ug/l

RT: 12.209 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY016665.D

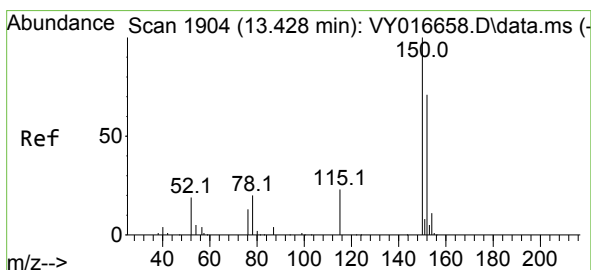
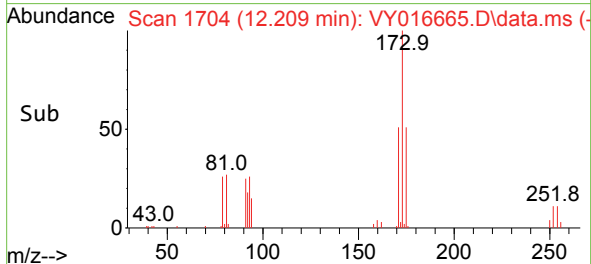
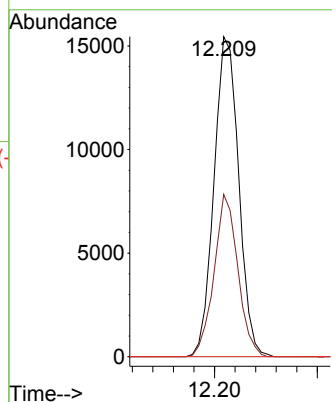
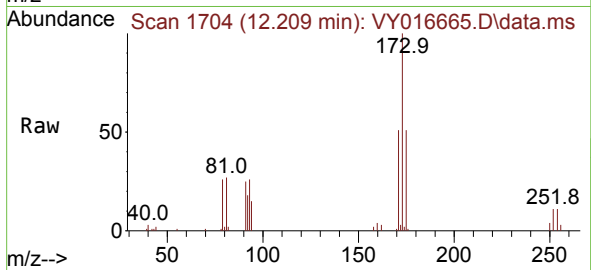
Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	25697
Ion Ratio	Lower	Upper
173	100	
175	48.9	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

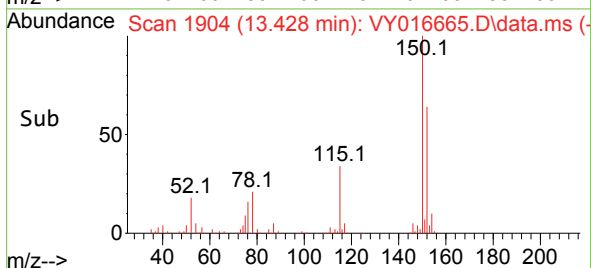
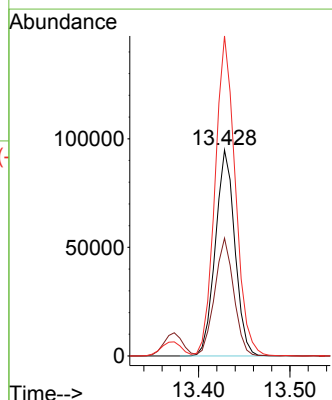
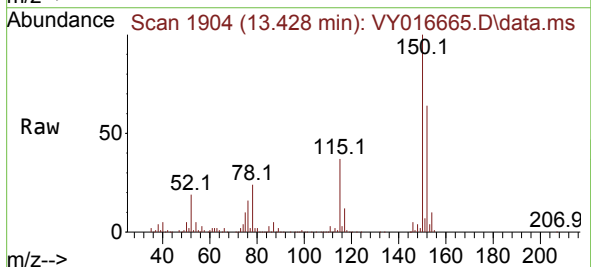
RT: 13.428 min Scan# 1904

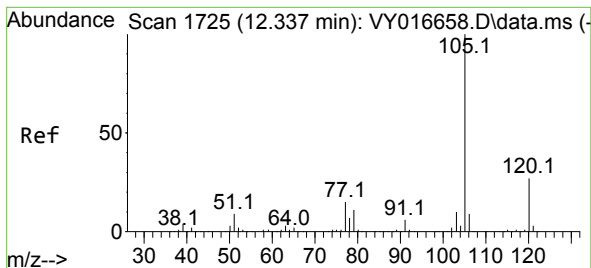
Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Tgt Ion:152	Resp:	140552
Ion Ratio	Lower	Upper
152	100	
115	55.9	28.8 86.5
150	161.4	0.0 348.8





#73

Isopropylbenzene

Concen: 22.841 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

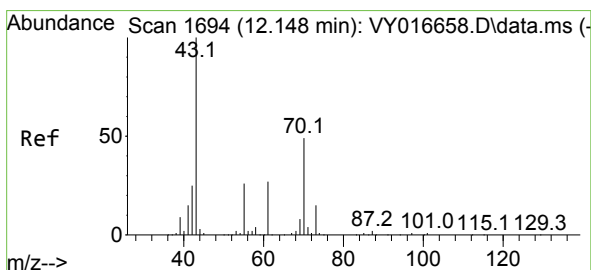
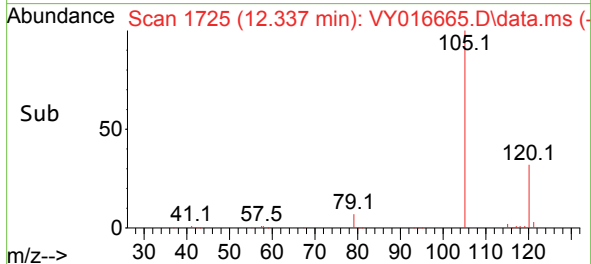
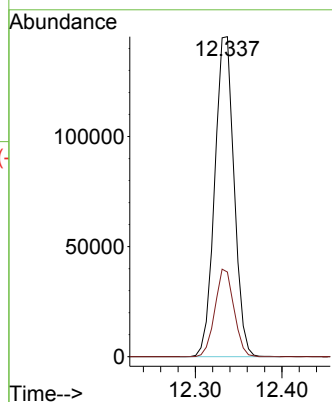
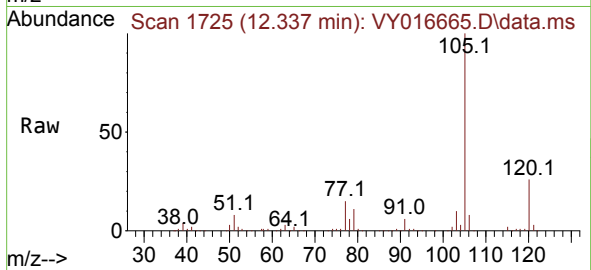
ClientSampleId :

Tgt Ion:105 Resp: 225812

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 22.838 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Tgt Ion: 43 Resp: 42318

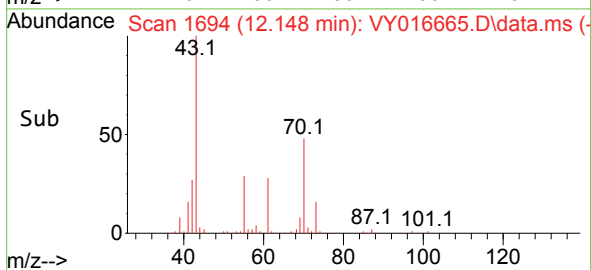
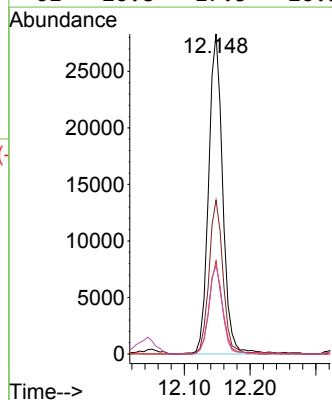
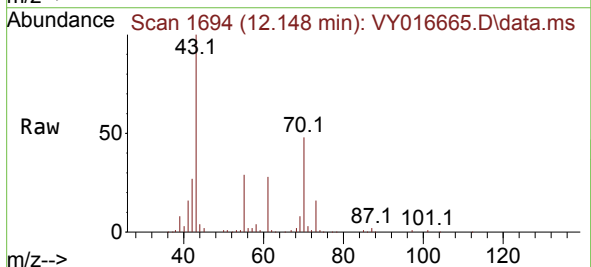
Ion Ratio Lower Upper

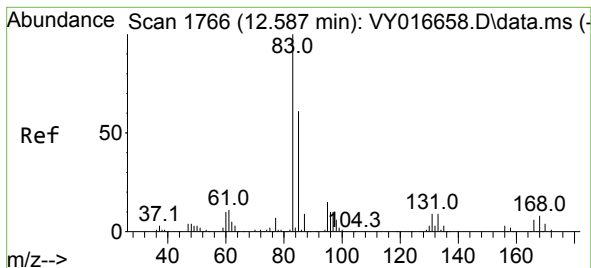
43 100

70 47.5 29.7 44.5#

55 27.4 18.3 27.5

61 26.8 17.5 26.3#

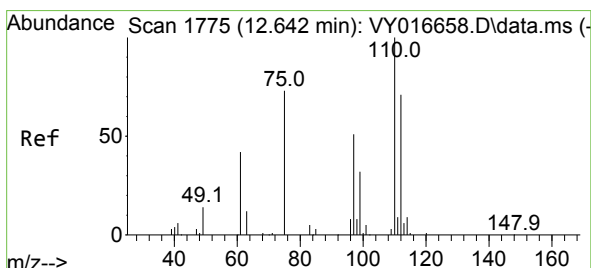
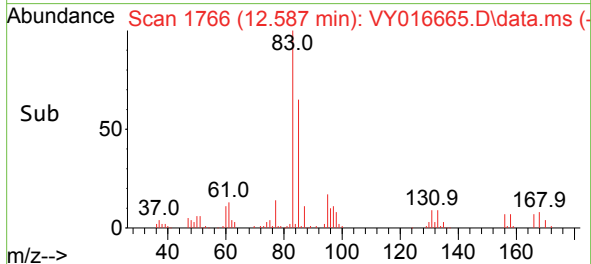
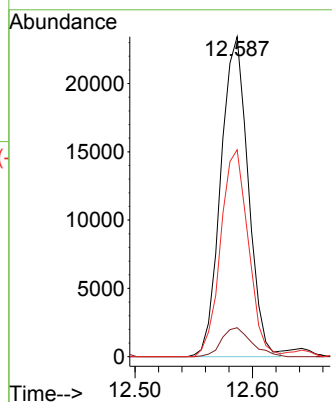
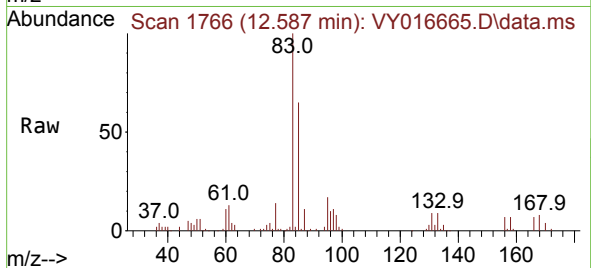




#75
1,1,2,2-Tetrachloroethane
Concen: 22.515 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

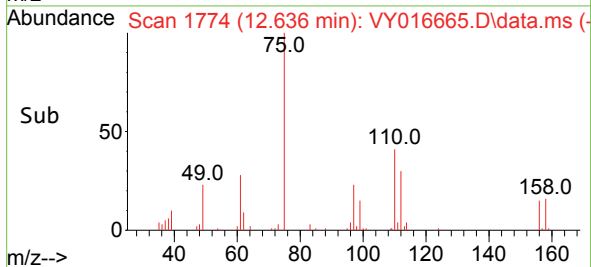
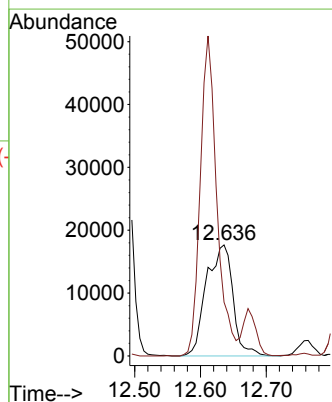
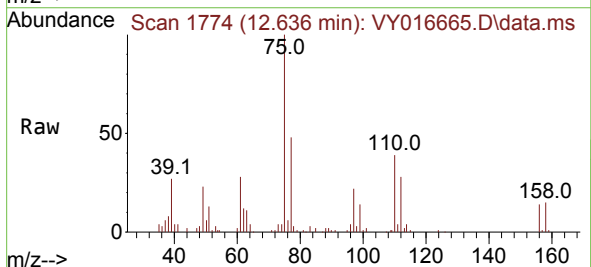
Instrument :
MSVOA_Y
ClientSampleId :

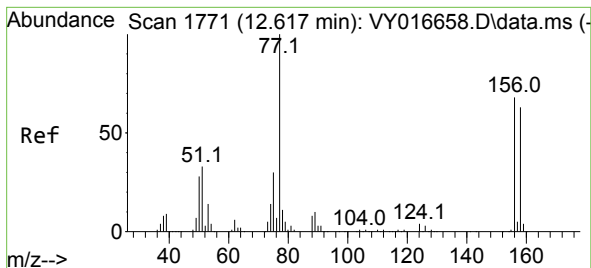
Tgt Ion: 83 Resp: 37868
Ion Ratio Lower Upper
83 100
131 9.9 5.4 16.2
85 65.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 38.539 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 75 Resp: 49617
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.999 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

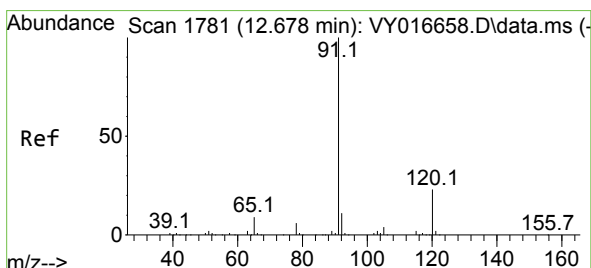
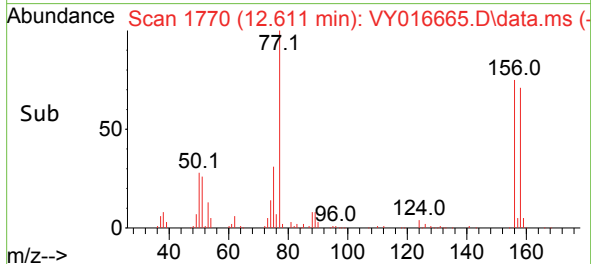
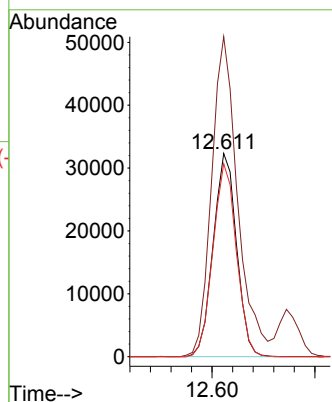
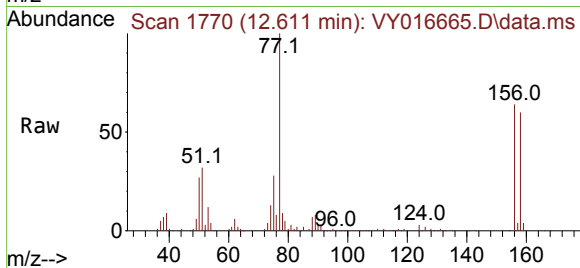
Tgt Ion:156 Resp: 50956

Ion Ratio Lower Upper

156 100

77 175.2 92.8 278.6

158 95.4 48.4 145.3



#78

n-propylbenzene

Concen: 22.900 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY016665.D

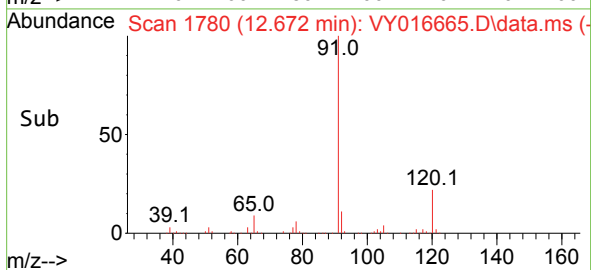
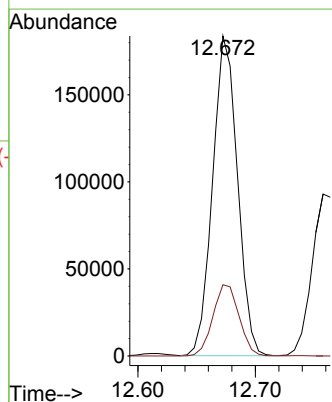
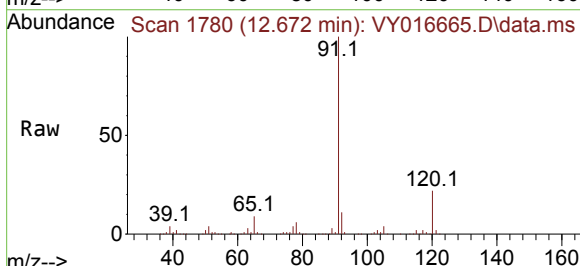
Acq: 16 Dec 2023 11:31

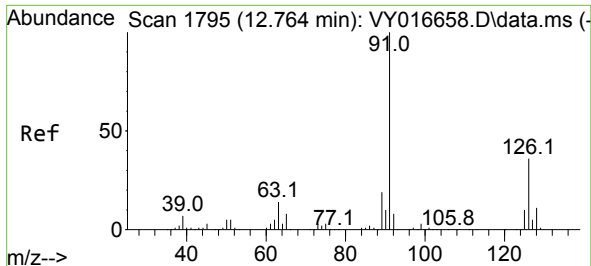
Tgt Ion: 91 Resp: 270599

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

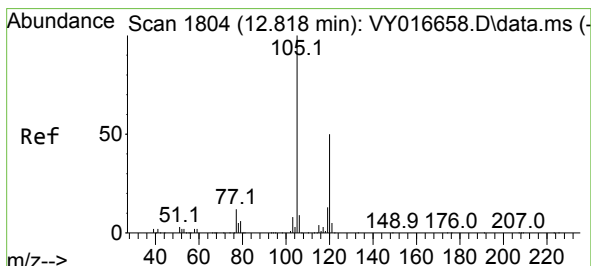
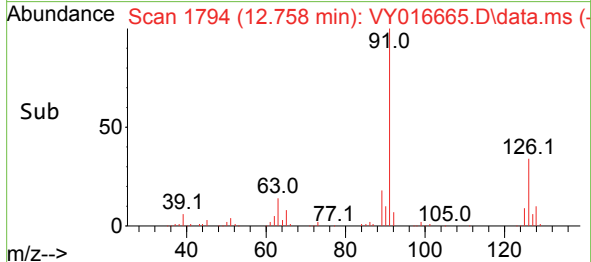
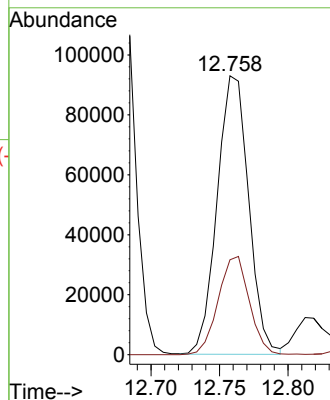
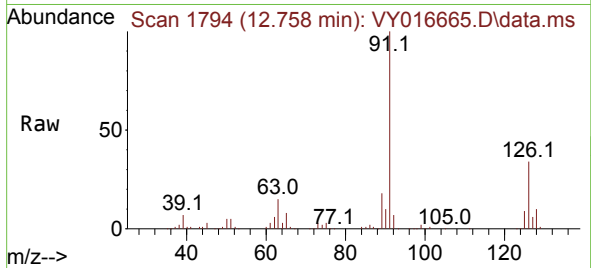




#79
2-Chlorotoluene
Concen: 22.966 ug/l
RT: 12.758 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

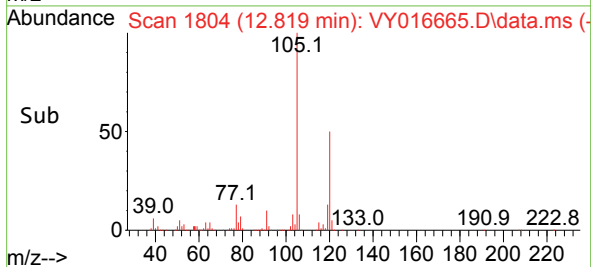
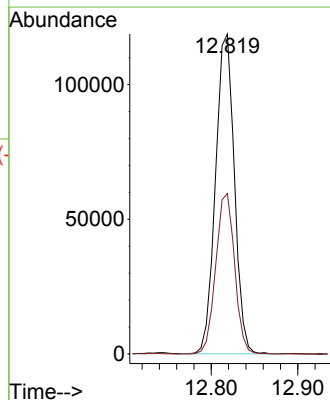
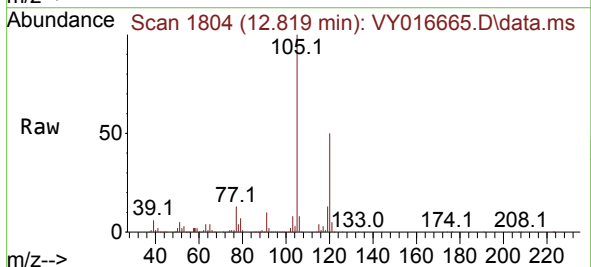
Instrument :
MSVOA_Y
ClientSampleId :

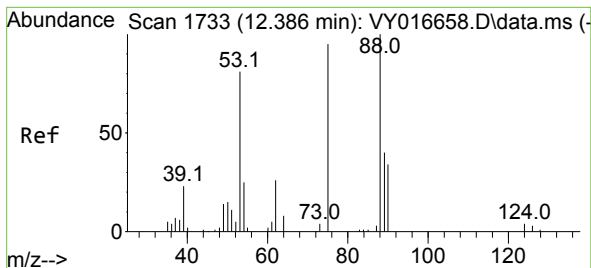
Tgt Ion: 91 Resp: 149024
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 22.707 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 105 Resp: 179499
Ion Ratio Lower Upper
105 100
120 50.2 23.9 71.7

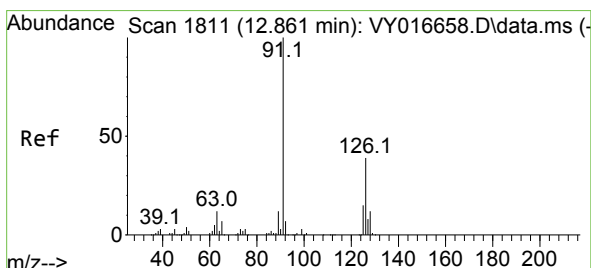
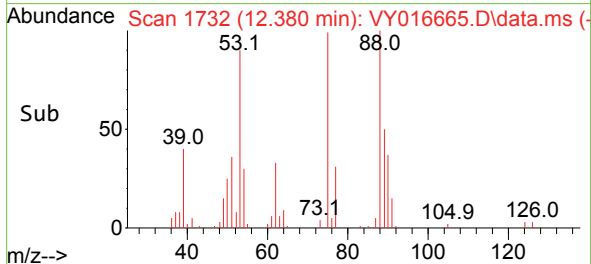
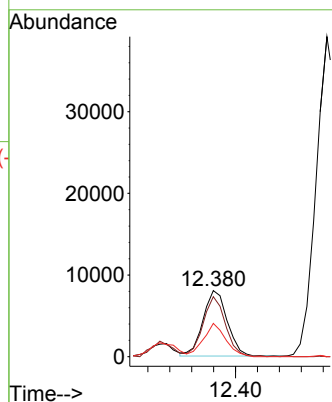
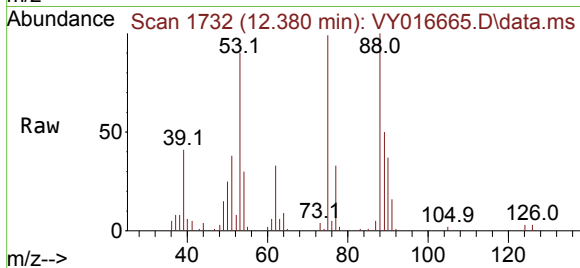




#81
trans-1,4-Dichloro-2-butene
Concen: 21.870 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

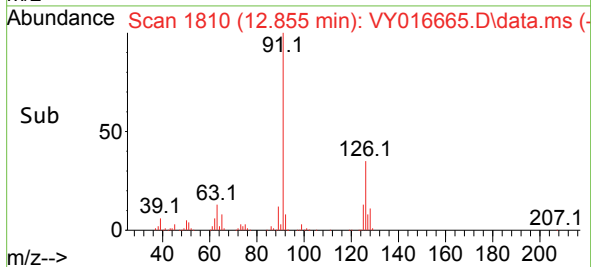
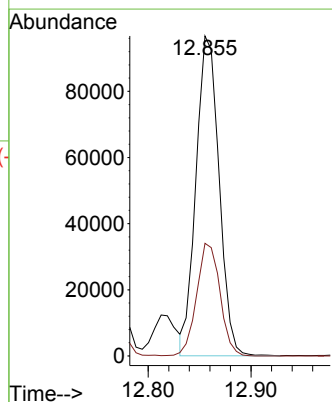
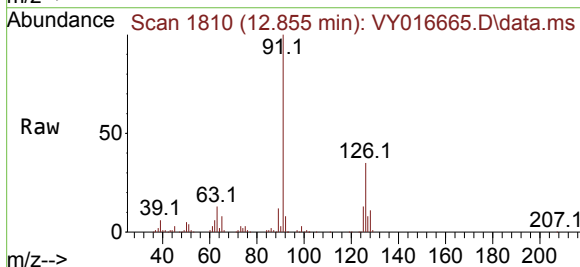
Instrument :
MSVOA_Y
ClientSampleId :

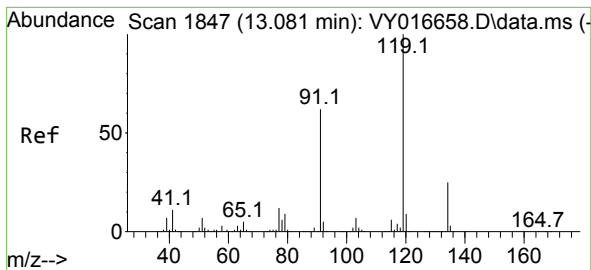
Tgt Ion: 75 Resp: 12321
Ion Ratio Lower Upper
75 100
53 84.9 77.8 116.8
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 22.495 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion: 91 Resp: 150946
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 23.075 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

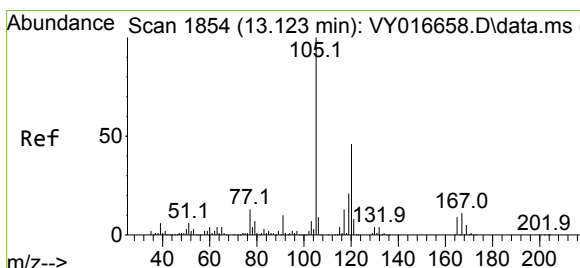
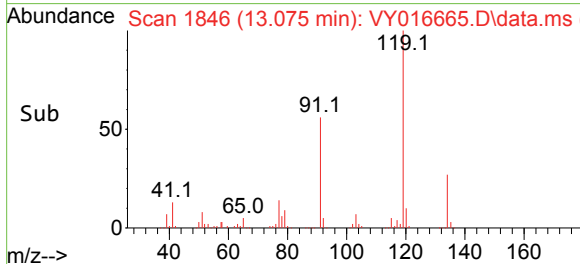
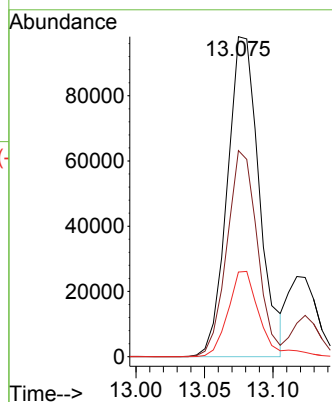
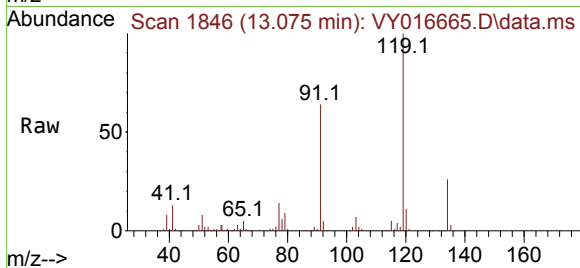
Tgt Ion:119 Resp: 159163

Ion Ratio Lower Upper

119 100

91 61.3 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.510 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY016665.D

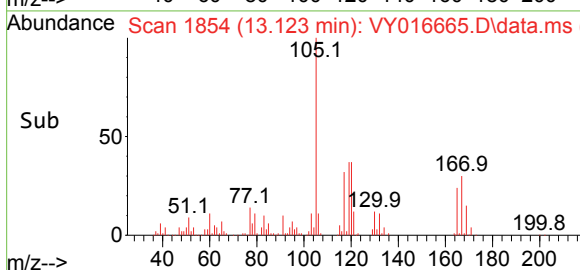
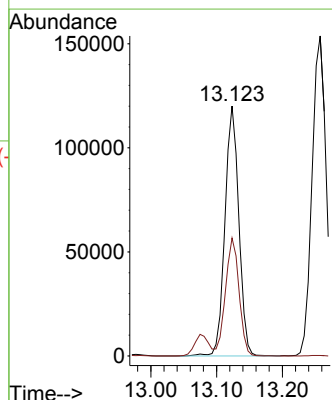
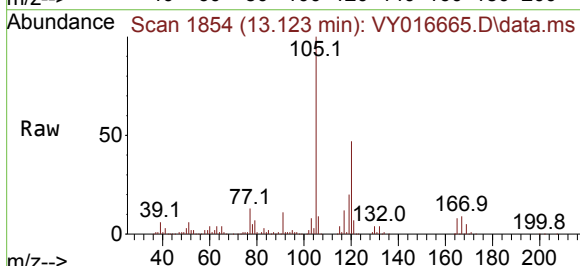
Acq: 16 Dec 2023 11:31

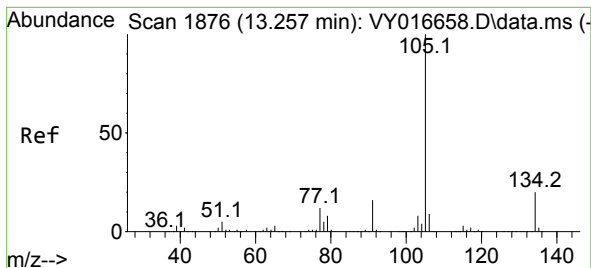
Tgt Ion:105 Resp: 176480

Ion Ratio Lower Upper

105 100

120 46.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 22.835 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

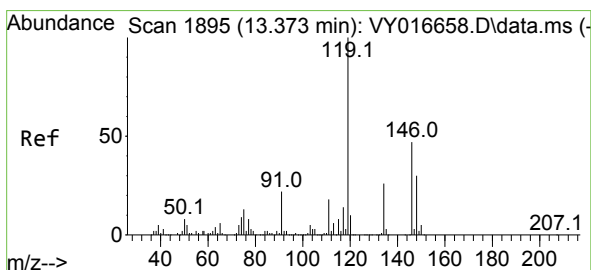
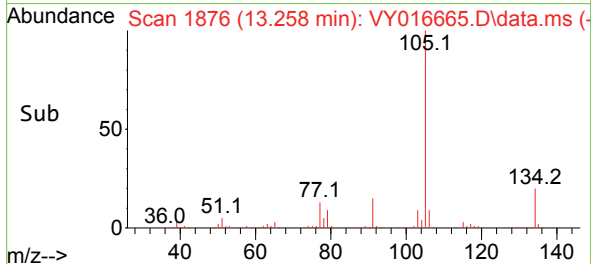
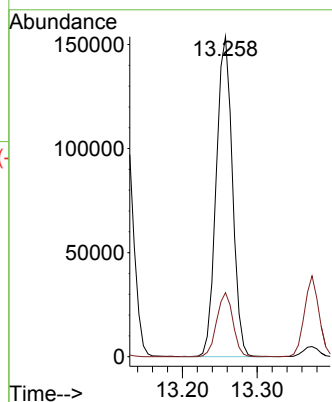
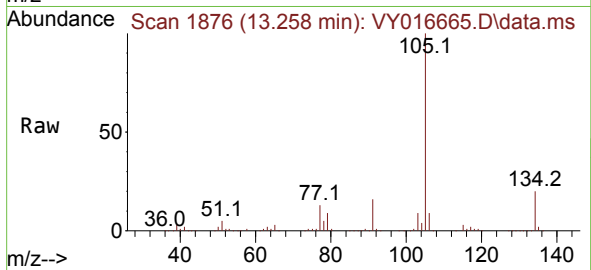
ClientSampleId :

Tgt Ion:105 Resp: 231120

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 22.893 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

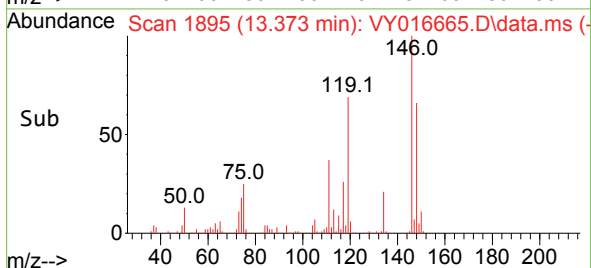
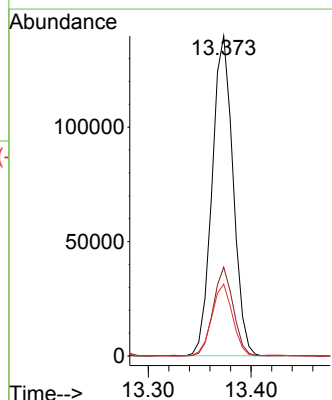
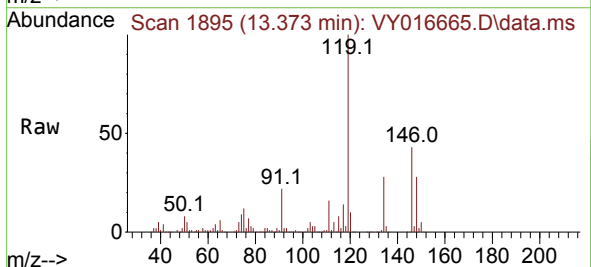
Tgt Ion:119 Resp: 197827

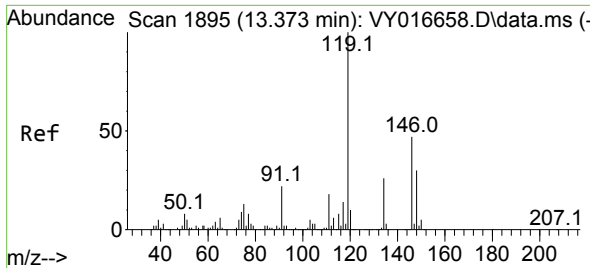
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

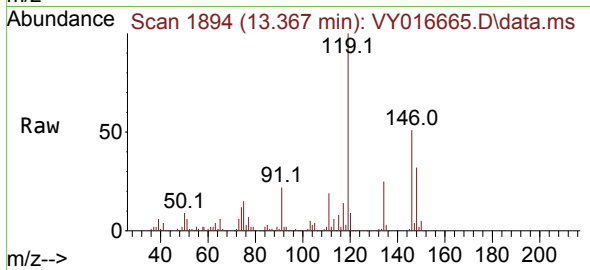
91 22.3 12.4 37.4



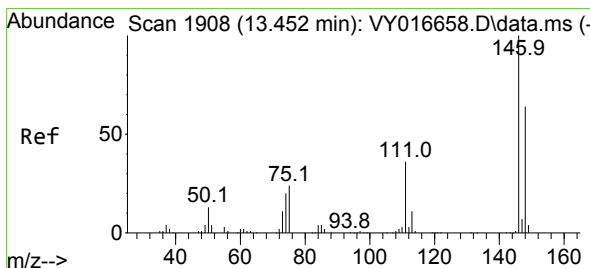
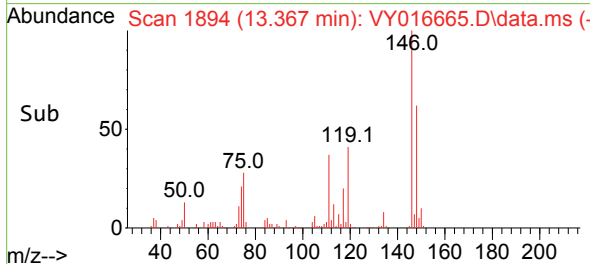
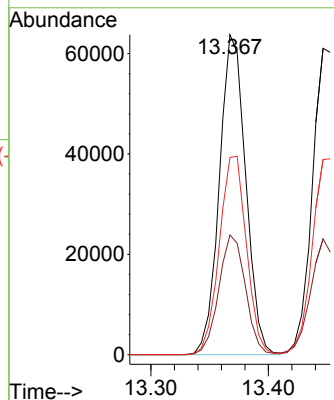


#87
 1,3-Dichlorobenzene
 Concen: 22.074 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY016665.D
 Acq: 16 Dec 2023 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :

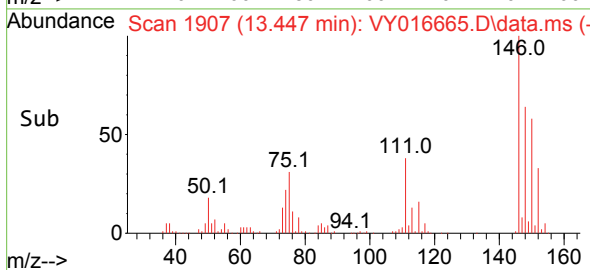
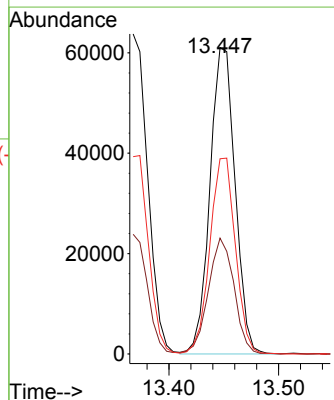
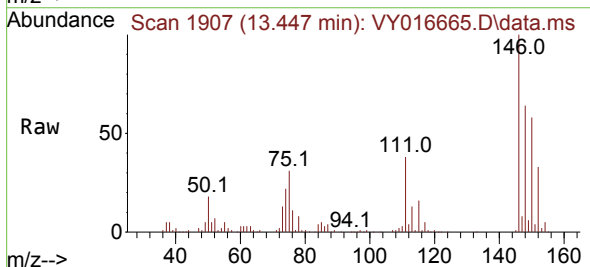


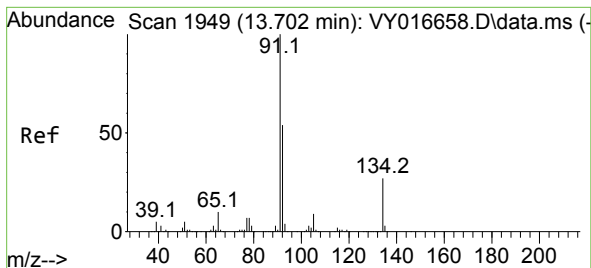
Tgt Ion:146 Resp: 99373
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.2
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 22.018 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY016665.D
 Acq: 16 Dec 2023 11:31

Tgt Ion:146 Resp: 97465
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.7
 148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 22.396 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

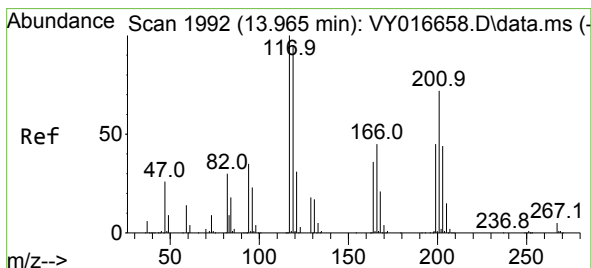
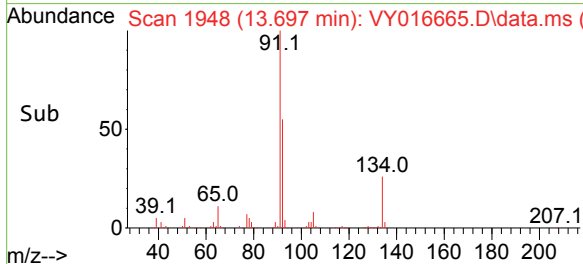
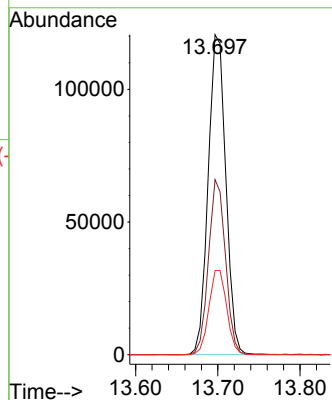
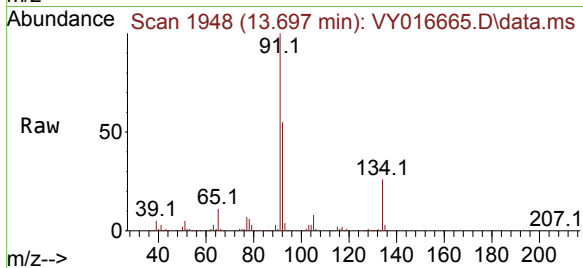
Tgt Ion: 91 Resp: 179790

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 22.247 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY016665.D

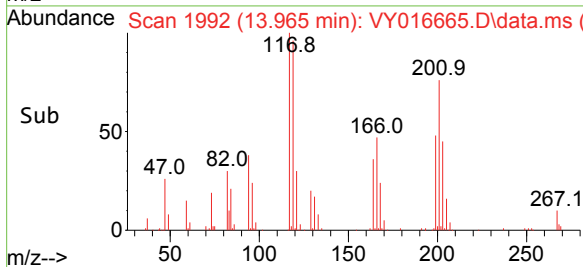
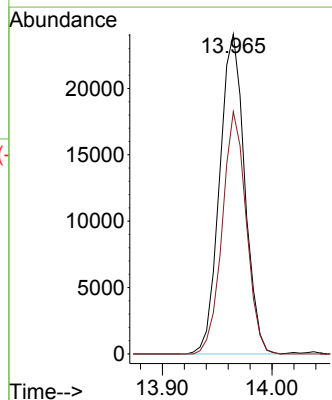
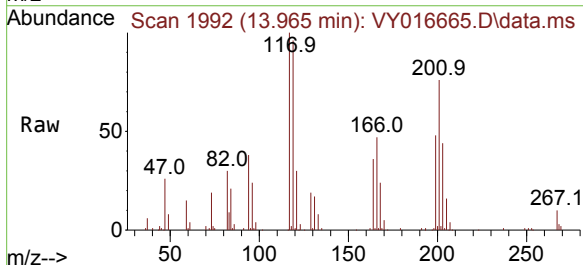
Acq: 16 Dec 2023 11:31

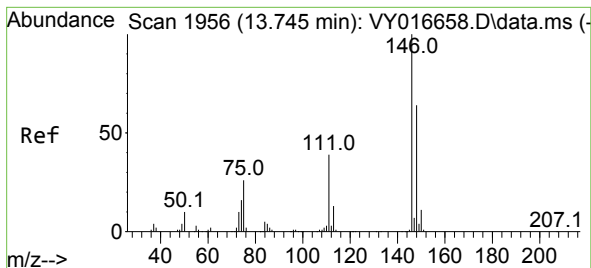
Tgt Ion: 117 Resp: 38264

Ion Ratio Lower Upper

117 100

201 72.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.126 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

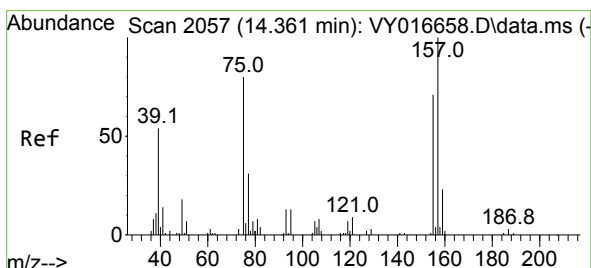
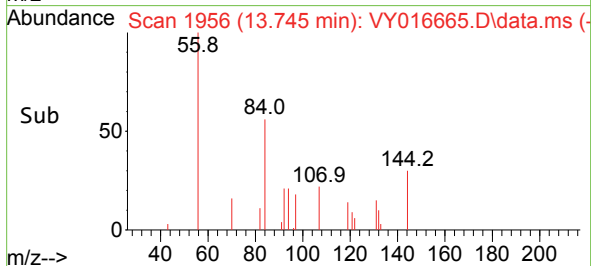
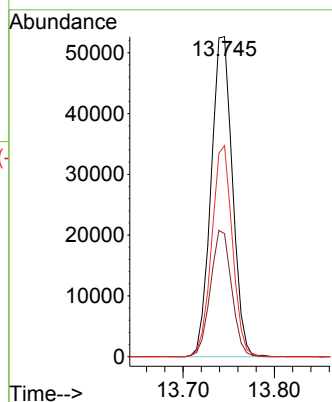
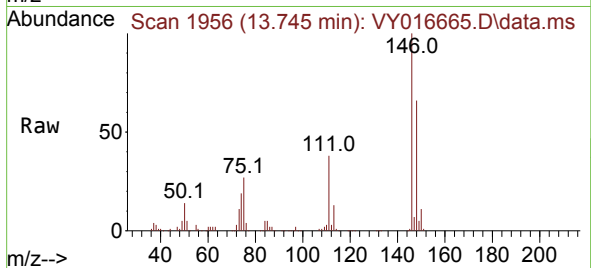
Tgt Ion:146 Resp: 85465

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 63.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.924 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

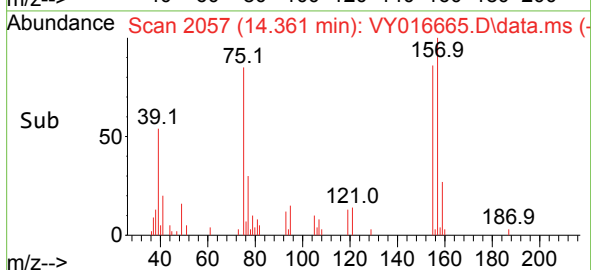
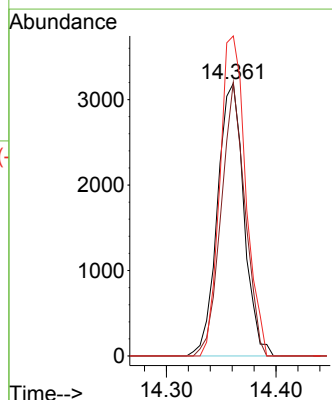
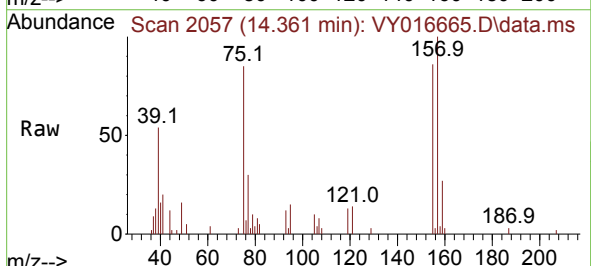
Tgt Ion: 75 Resp: 5337

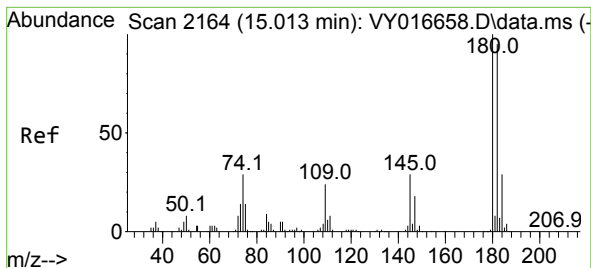
Ion Ratio Lower Upper

75 100

155 90.1 41.5 124.6

157 114.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.938 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

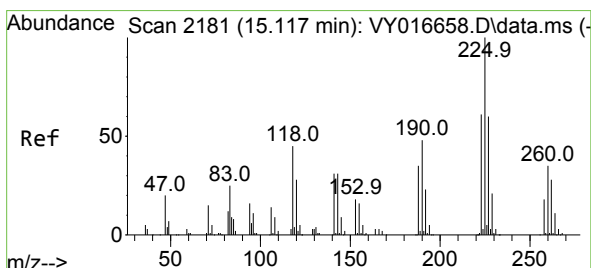
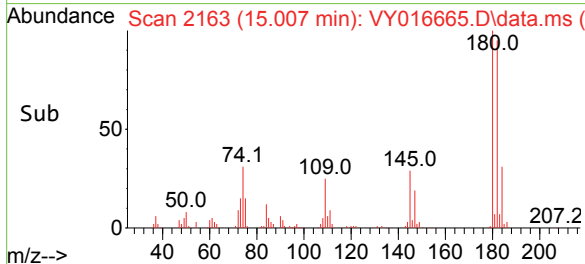
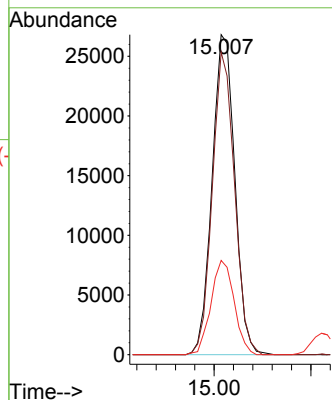
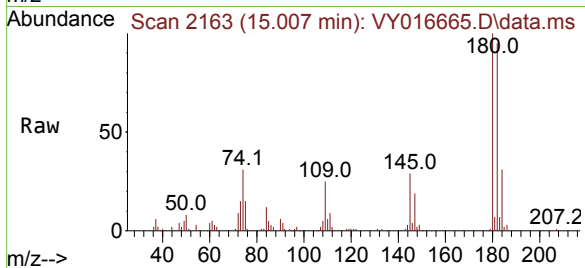
Tgt Ion:180 Resp: 43689

Ion Ratio Lower Upper

180 100

182 92.4 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.771 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016665.D

Acq: 16 Dec 2023 11:31

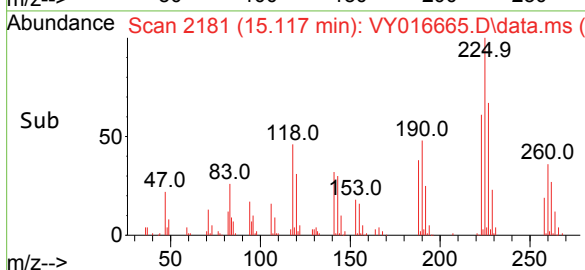
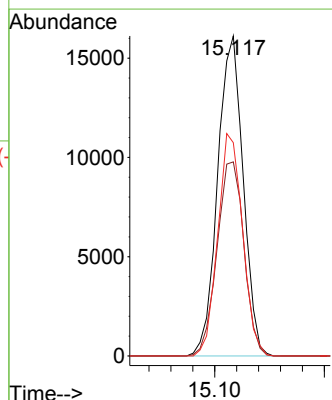
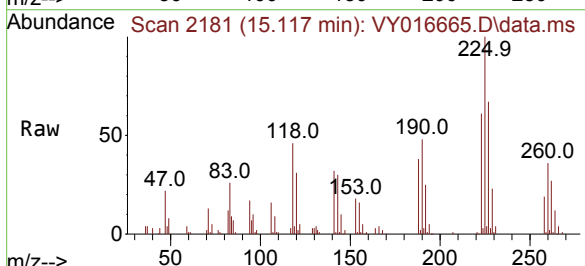
Tgt Ion:225 Resp: 26014

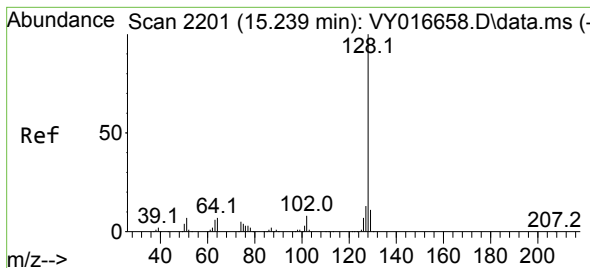
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 67.8 33.0 98.9

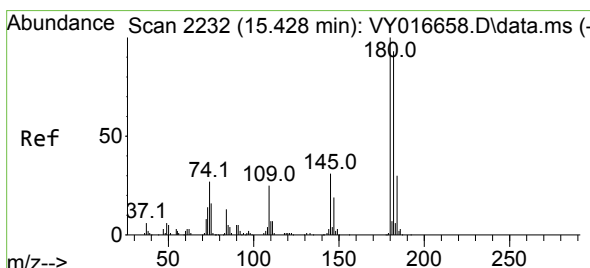
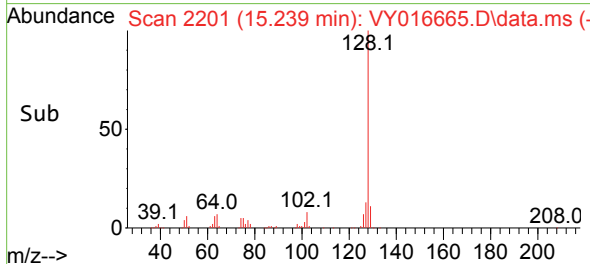
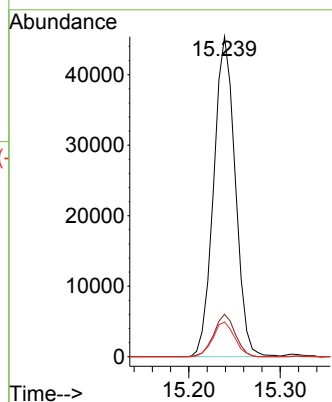
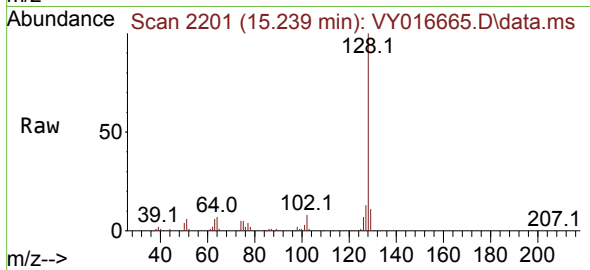




#95
Naphthalene
Concen: 21.922 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 74361
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.234 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY016665.D
Acq: 16 Dec 2023 11:31

Tgt Ion:180 Resp: 34804
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.8
145 31.7 15.4 46.2

