

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
 Data File : VY016657.D
 Acq On : 15 Dec 2023 17:14
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 00:08:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 15 23:53:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	228834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	365881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	311354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	142499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	28986	15.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	31.460%#
35) Dibromofluoromethane	7.722	113	35484	18.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.160%#
50) Toluene-d8	10.185	98	111932	15.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	31.880%#
62) 4-Bromofluorobenzene	12.489	95	45555	18.113	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	37030	20.763	ug/l	100
3) Chloromethane	2.119	50	62991	22.665	ug/l	100
4) Vinyl Chloride	2.259	62	72539	22.736	ug/l	100
5) Bromomethane	2.656	94	50499	22.115	ug/l	95
6) Chloroethane	2.802	64	47286	22.787	ug/l	98
7) Trichlorofluoromethane	3.131	101	82544	23.164	ug/l	95
8) Diethyl Ether	3.534	74	24328	21.856	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.905	101	49914	22.649	ug/l	96
10) Methyl Iodide	4.100	142	50368	21.960	ug/l	94
11) Tert butyl alcohol	4.966	59	14402	95.365	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	46973	22.609	ug/l	88
13) Acrolein	3.735	56	13261	110.044	ug/l	98
14) Allyl chloride	4.491	41	62725	22.268	ug/l #	94
15) Acrylonitrile	5.167	53	47520	102.588	ug/l	97
16) Acetone	3.948	43	60260	121.886	ug/l	91
17) Carbon Disulfide	4.204	76	150524	22.907	ug/l	100
18) Methyl Acetate	4.485	43	33753	19.313	ug/l #	86
19) Methyl tert-butyl Ether	5.228	73	102351	21.011	ug/l	98
20) Methylene Chloride	4.722	84	63979	24.608	ug/l	88
21) trans-1,2-Dichloroethene	5.234	96	55580	22.962	ug/l	86
22) Diisopropyl ether	6.125	45	135359	22.422	ug/l	91
23) Vinyl Acetate	6.064	43	319053	107.256	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	90017	22.849	ug/l	97
25) 2-Butanone	6.996	43	75031	111.154	ug/l #	88
26) 2,2-Dichloropropane	6.990	77	78486	22.439	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	58666	22.443	ug/l	91
28) Bromochloromethane	7.344	49	17105	14.434	ug/l	90
29) Tetrahydrofuran	7.356	42	35810	98.435	ug/l	88
30) Chloroform	7.514	83	93038	22.708	ug/l	100
31) Cyclohexane	7.795	56	82952	22.451	ug/l #	85
32) 1,1,1-Trichloroethane	7.710	97	82846	22.539	ug/l	99
36) 1,1-Dichloropropene	7.923	75	73596	22.641	ug/l	99
37) Ethyl Acetate	7.082	43	26714	19.942	ug/l	97
38) Carbon Tetrachloride	7.905	117	75021	22.977	ug/l	98
39) Methylcyclohexane	9.191	83	92275	22.586	ug/l	93
40) Benzene	8.167	78	216533	22.729	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	12532	17.617	ug/l	93
42) 1,2-Dichloroethane	8.246	62	53310	21.894	ug/l	92
43) Isopropyl Acetate	8.277	43	49994	20.307	ug/l #	89
44) Trichloroethene	8.947	130	59608	22.465	ug/l	96
45) 1,2-Dichloropropane	9.222	63	50034	22.480	ug/l	98
46) Dibromomethane	9.313	93	27138	22.048	ug/l	94
47) Bromodichloromethane	9.502	83	68367	21.983	ug/l	95
48) Methyl methacrylate	9.301	41	27388	20.090	ug/l #	85
49) 1,4-Dioxane	9.307	88	5395	409.177	ug/l #	64
51) 4-Methyl-2-Pentanone	10.075	43	130624	101.165	ug/l	91
52) Toluene	10.252	92	135190	22.654	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	62486	21.298	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	79190	22.450	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	38041	21.996	ug/l	92
56) Ethyl methacrylate	10.520	69	30629	20.427	ug/l #	84
57) 1,3-Dichloropropane	10.794	76	62357	21.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	78010	83.867	ug/l	95
59) 2-Hexanone	10.837	43	108552	102.475	ug/l	87
60) Dibromochloromethane	10.989	129	45364	21.643	ug/l	99
61) 1,2-Dibromoethane	11.099	107	34924	21.515	ug/l	98
64) Tetrachloroethene	10.727	164	58810	23.055	ug/l	98
65) Chlorobenzene	11.526	112	139191	22.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	50157	22.583	ug/l	98
67) Ethyl Benzene	11.599	91	250291	22.908	ug/l	96
68) m/p-Xylenes	11.709	106	193575	45.924	ug/l	92
69) o-Xylene	12.038	106	87500	22.695	ug/l	97
70) Styrene	12.050	104	126919	22.721	ug/l	96
71) Bromoform	12.215	173	24877	20.654	ug/l #	97
73) Isopropylbenzene	12.337	105	238468	23.792	ug/l	100
74) N-amyl acetate	12.148	43	39942	21.261	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.587	83	36505	21.408	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	48919	37.647	ug/l #	100
77) Bromobenzene	12.617	156	52444	22.332	ug/l	94
78) n-propylbenzene	12.678	91	283407	23.656	ug/l	99
79) 2-Chlorotoluene	12.764	91	156197	23.742	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	190242	23.737	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	12187	21.337	ug/l	91
82) 4-Chlorotoluene	12.861	91	162125	23.831	ug/l	99
83) tert-Butylbenzene	13.081	119	163340	23.357	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	187067	23.535	ug/l	97
85) sec-Butylbenzene	13.257	105	243649	23.744	ug/l	99
86) p-Isopropyltoluene	13.373	119	207094	23.638	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	103287	22.630	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	102519	22.843	ug/l	99
89) n-Butylbenzene	13.702	91	193769	23.808	ug/l	98
90) Hexachloroethane	13.965	117	40490	23.219	ug/l	87
91) 1,2-Dichlorobenzene	13.745	146	87794	22.418	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4966	20.121	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	44983	21.264	ug/l	98
94) Hexachlorobutadiene	15.117	225	29155	22.961	ug/l	97
95) Naphthalene	15.239	128	73307	21.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	36130	20.718	ug/l	99

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QLast Update : Fri Dec 15 23:53:28 2023
Response via : Initial Calibration

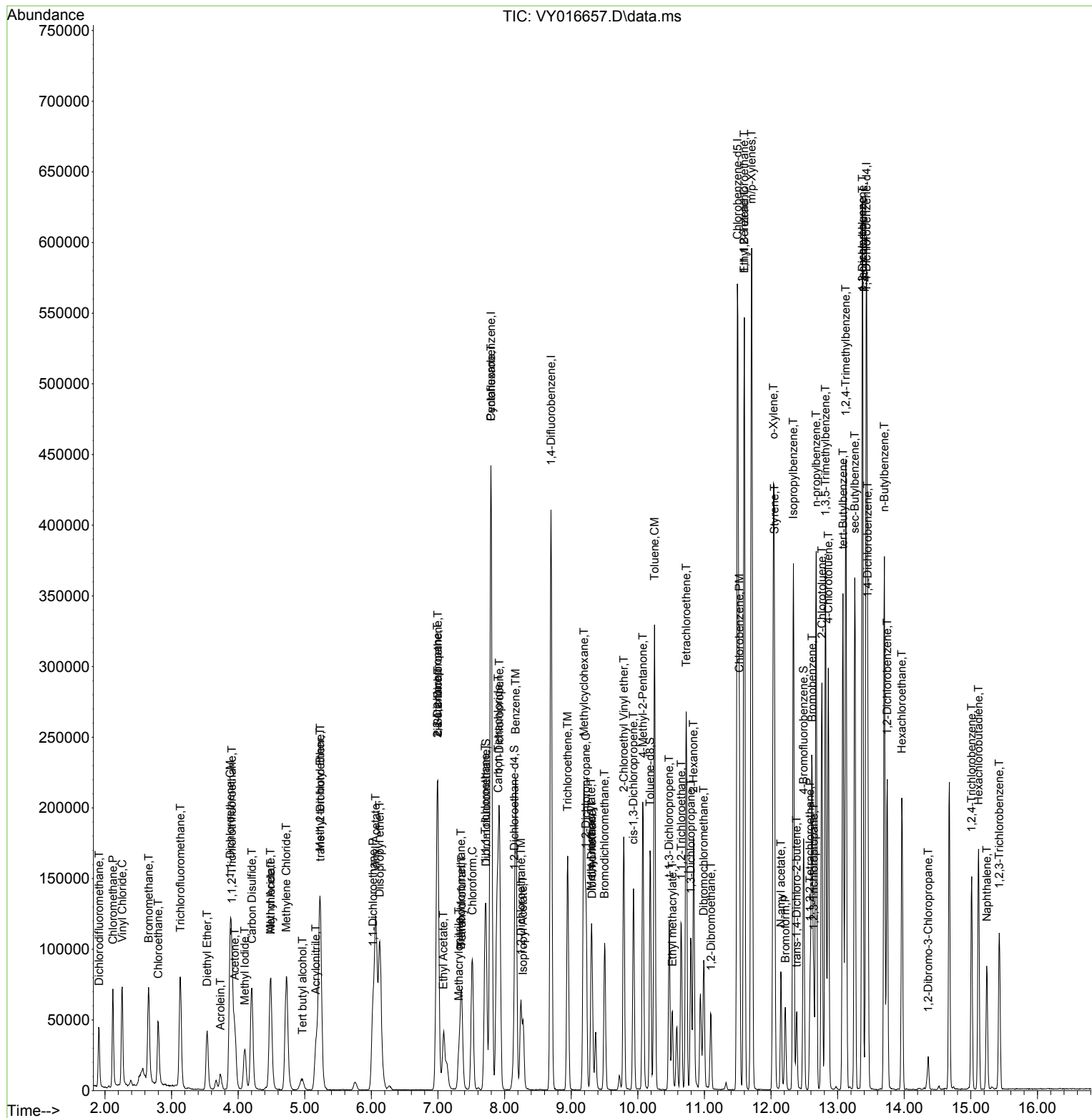
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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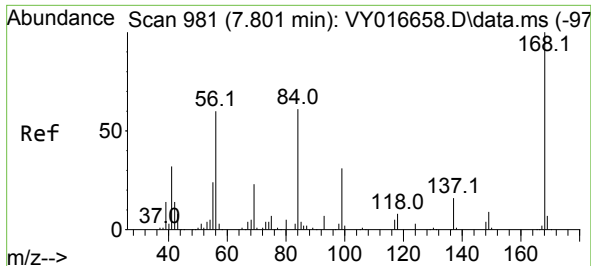
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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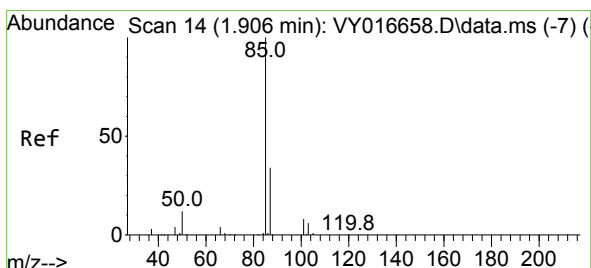
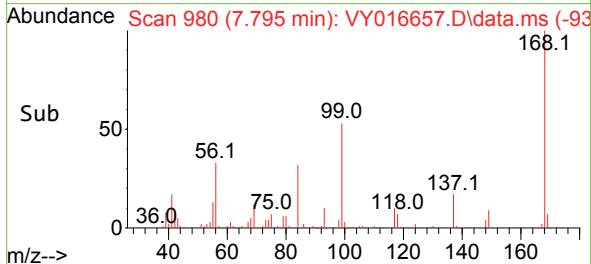
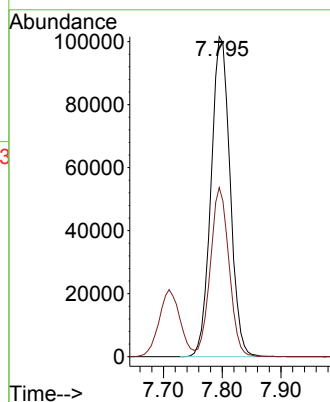
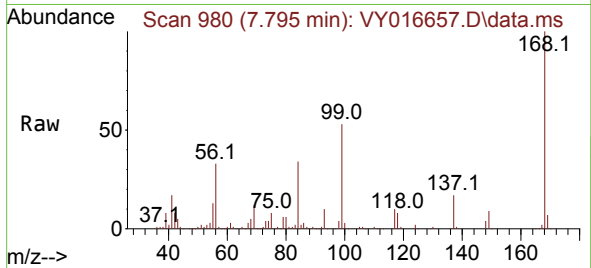




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
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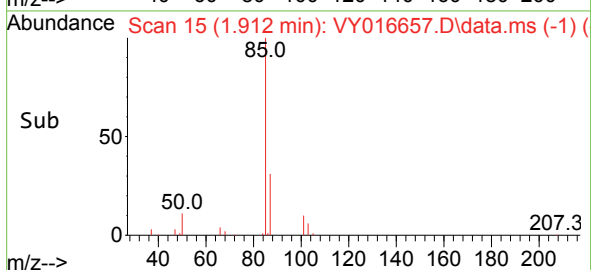
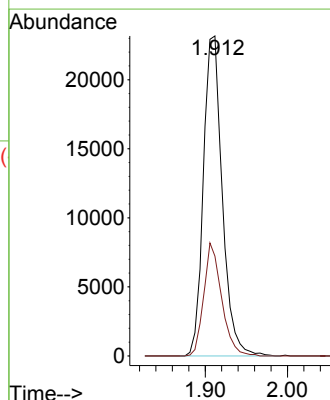
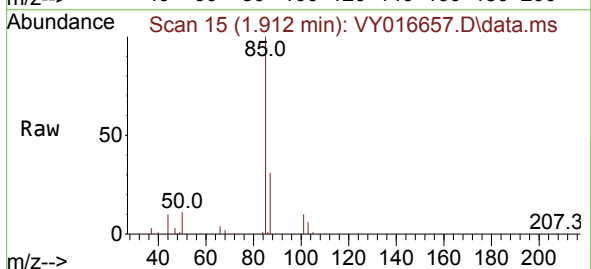
Instrument :
MSVOA_Y
ClientSampleId :

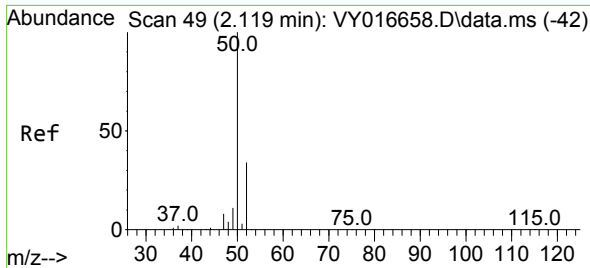
Tgt Ion:168 Resp: 228834
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.763 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 85 Resp: 37030
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.8

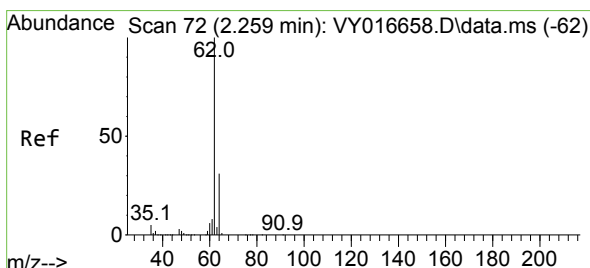
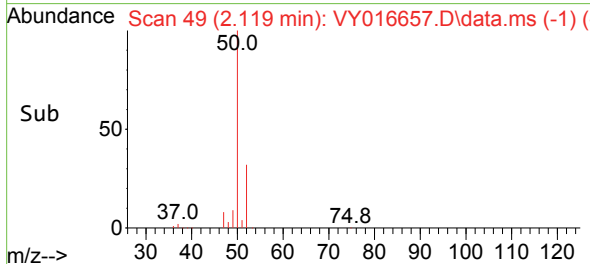
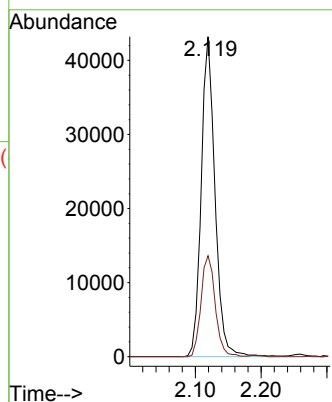
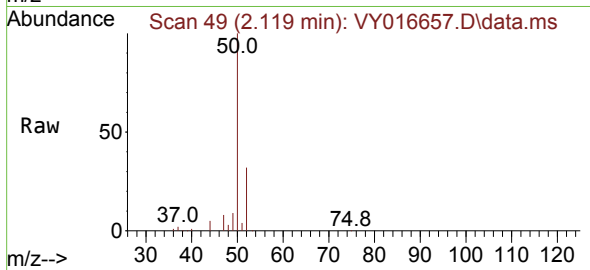




#3
Chloromethane
Concen: 22.665 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

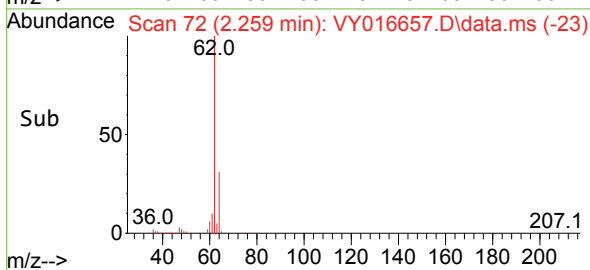
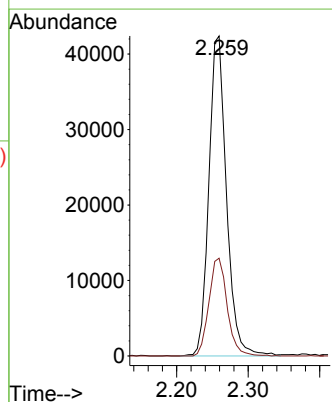
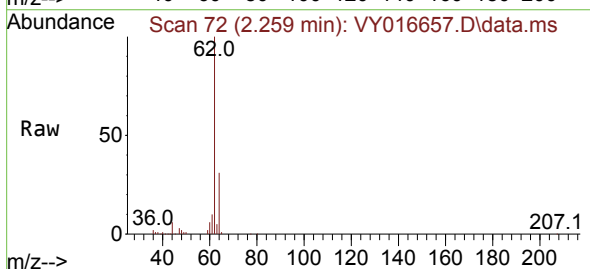
Instrument :
MSVOA_Y
ClientSampleId :

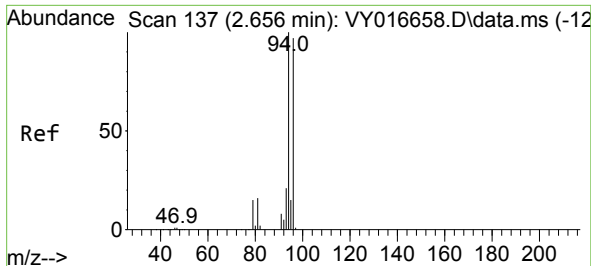
Tgt Ion: 50 Resp: 62991
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2



#4
Vinyl Chloride
Concen: 22.736 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 62 Resp: 72539
Ion Ratio Lower Upper
62 100
64 30.6 24.3 36.5

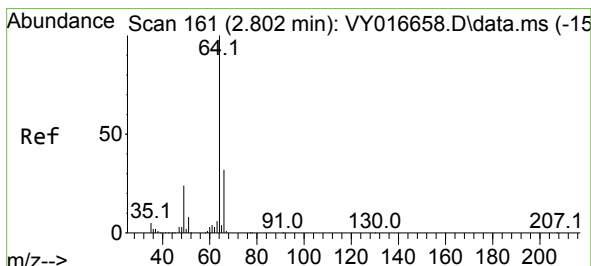
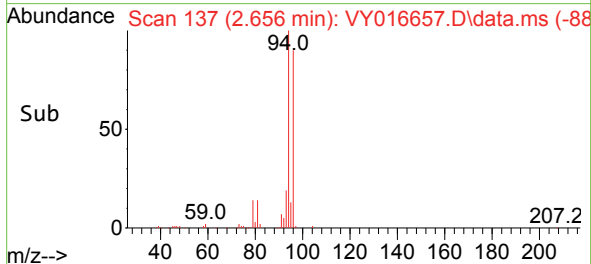
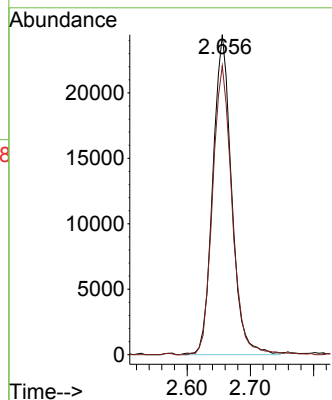
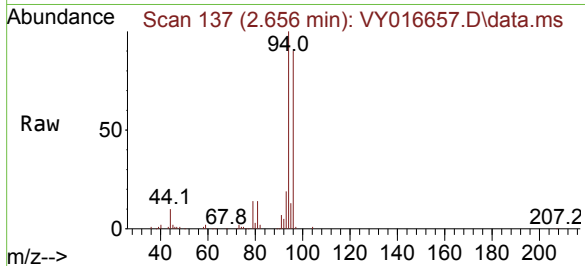




#5
Bromomethane
Concen: 22.115 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

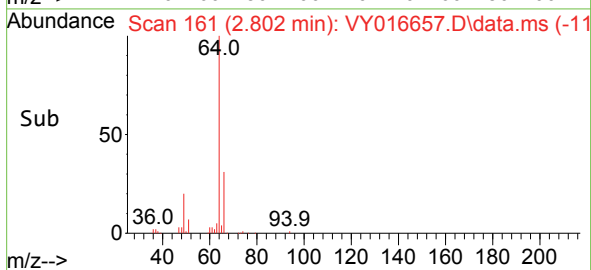
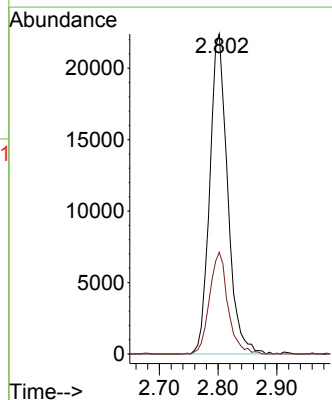
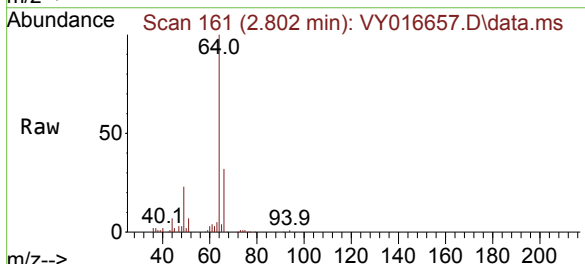
Instrument :
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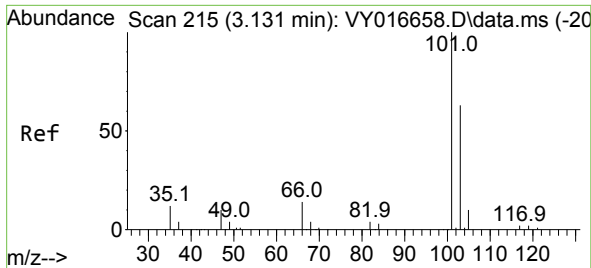
Tgt Ion: 94 Resp: 50499
Ion Ratio Lower Upper
94 100
96 90.3 75.8 113.6



#6
Chloroethane
Concen: 22.787 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

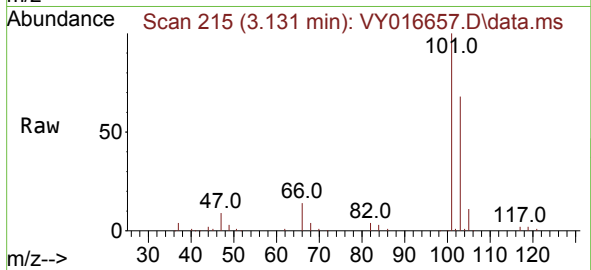
Tgt Ion: 64 Resp: 47286
Ion Ratio Lower Upper
64 100
66 31.8 24.4 36.6



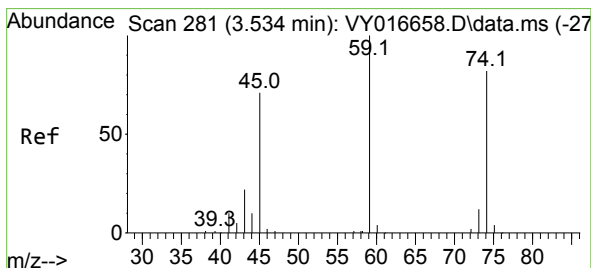
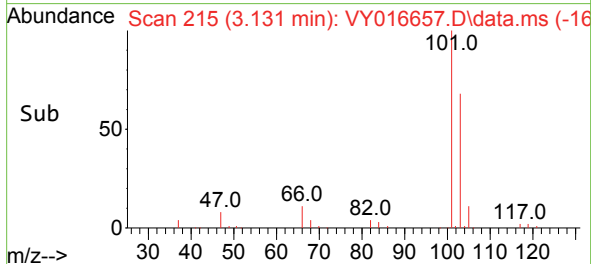
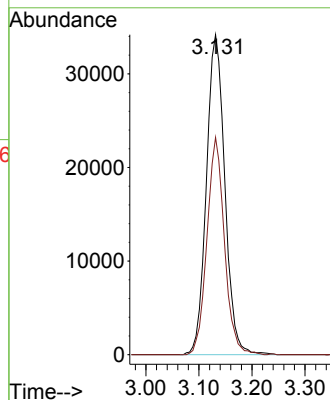


#7
 Trichlorofluoromethane
 Concen: 23.164 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY016657.D
 Acq: 15 Dec 2023 17:14

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 ClientSampleId :

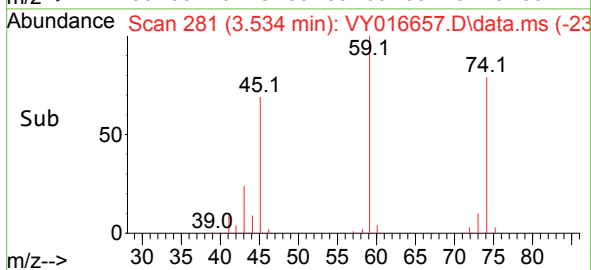
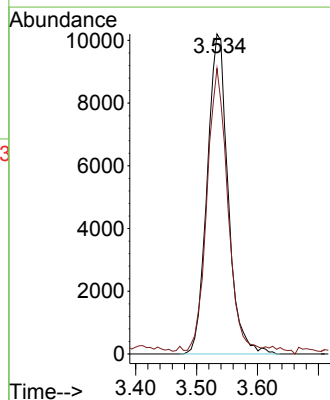
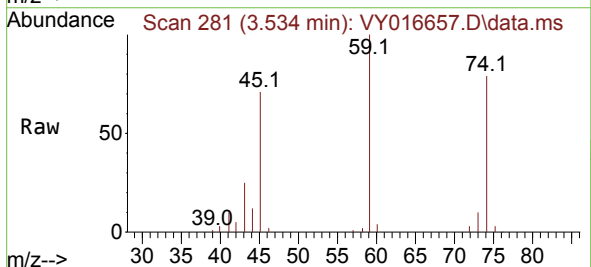


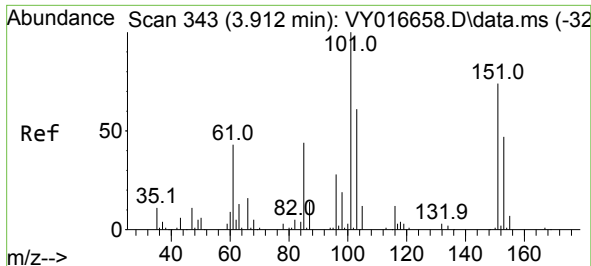
Tgt Ion:101 Resp: 82544
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.856 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.000 min
 Lab File: VY016657.D
 Acq: 15 Dec 2023 17:14

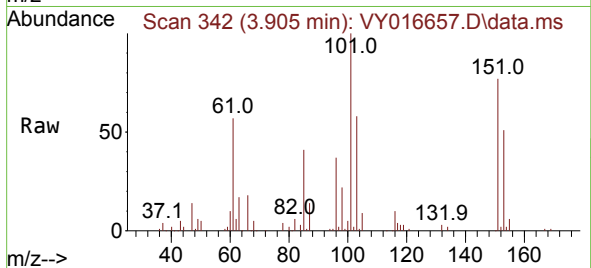
Tgt Ion: 74 Resp: 24328
 Ion Ratio Lower Upper
 74 100
 45 86.6 51.5 154.5



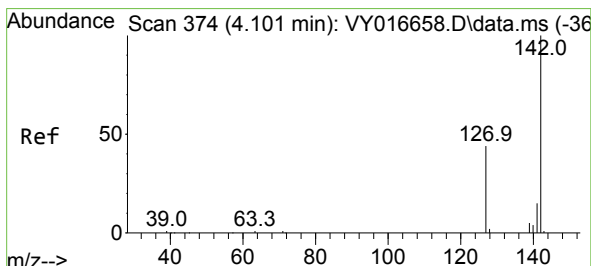
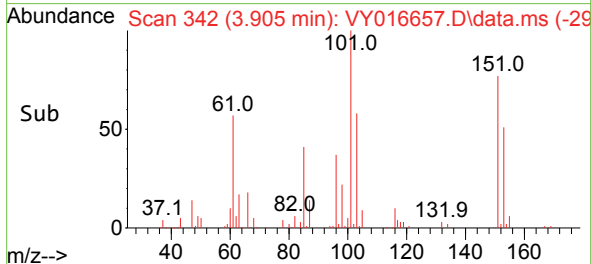
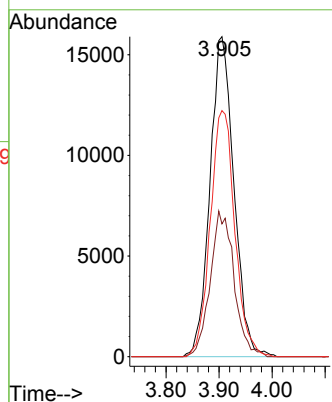


#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.649 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :

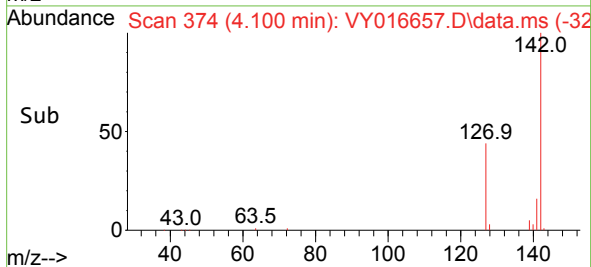
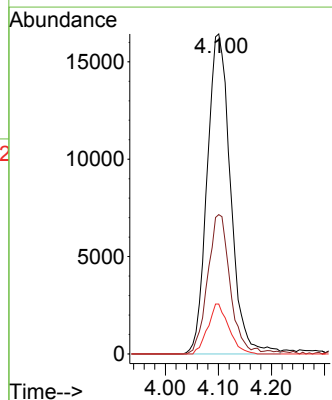
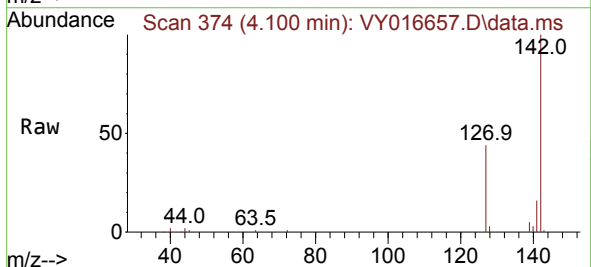


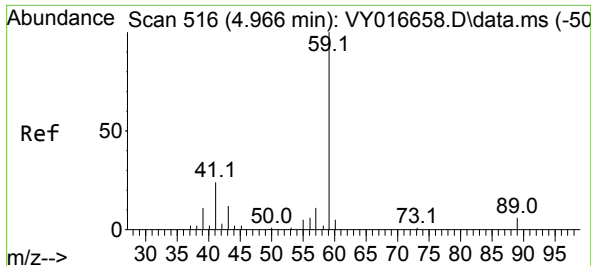
Tgt Ion:101 Resp: 49914
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 78.8 67.0 100.6



#10
Methyl Iodide
Concen: 21.960 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion:142 Resp: 50368
Ion Ratio Lower Upper
142 100
127 41.8 37.6 56.4
141 14.0 11.8 17.8

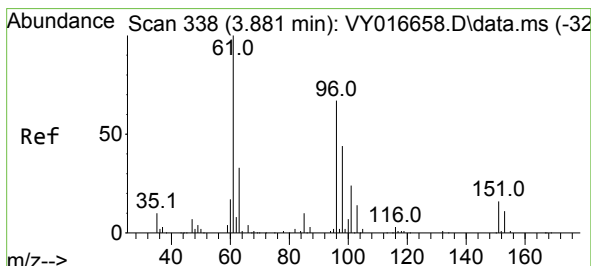
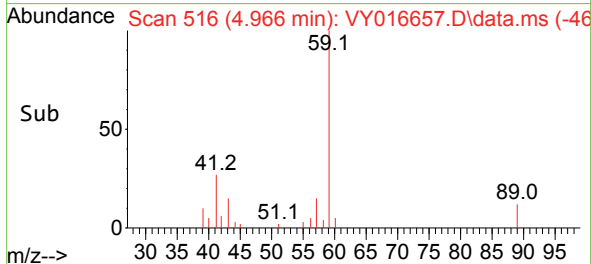
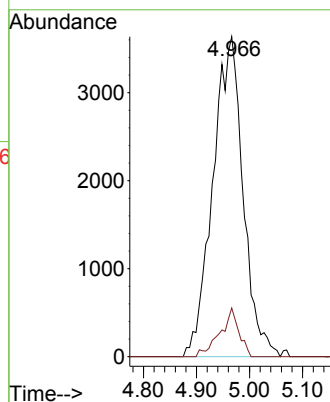
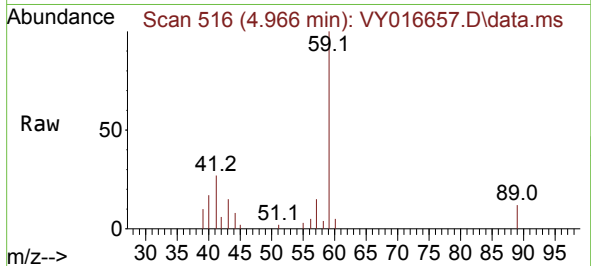




#11
Tert butyl alcohol
Concen: 95.365 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

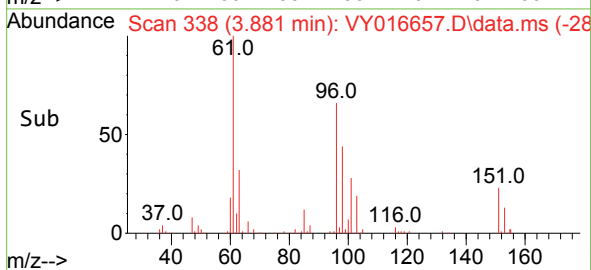
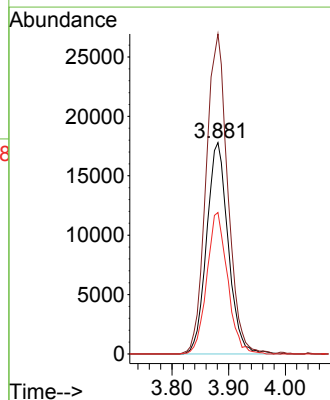
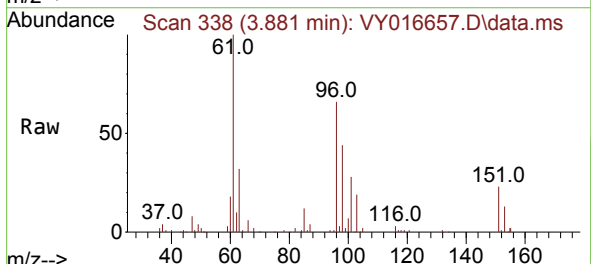
Instrument :
MSVOA_Y
ClientSampleId :

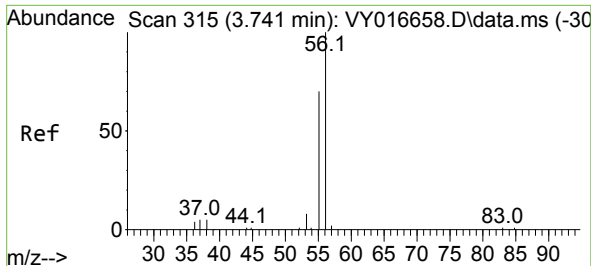
Tgt Ion: 59 Resp: 14402
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 22.609 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 96 Resp: 46973
Ion Ratio Lower Upper
96 100
61 151.4 136.4 204.6
98 66.9 49.4 74.2





#13

Acrolein

Concen: 110.044 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

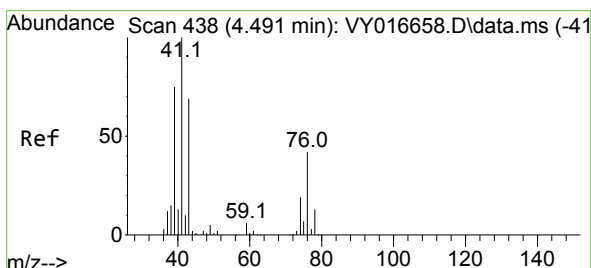
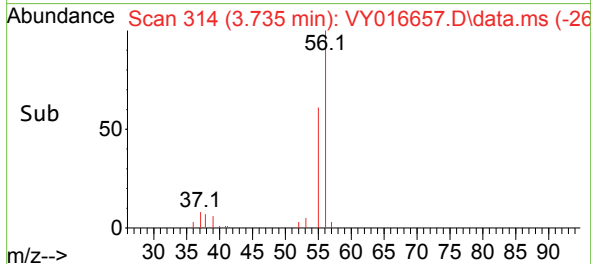
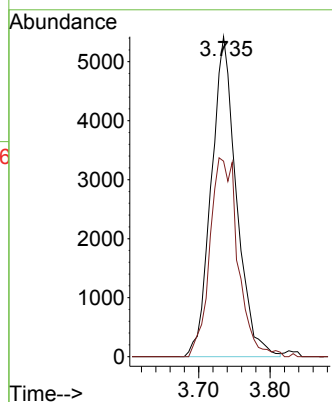
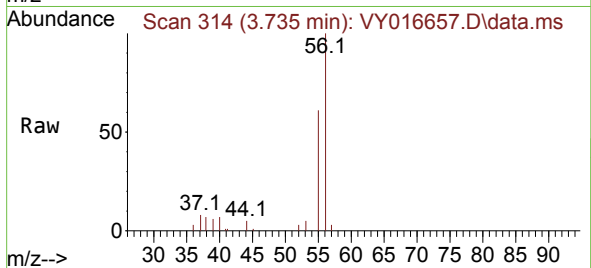
ClientSampleId :

Tgt Ion: 56 Resp: 13261

Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.4



#14

Allyl chloride

Concen: 22.268 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

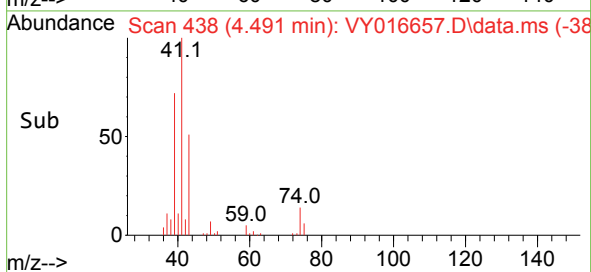
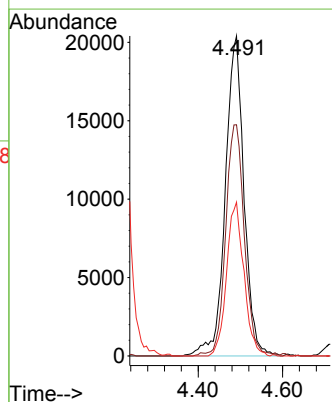
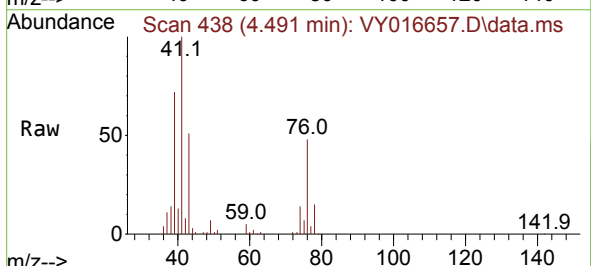
Tgt Ion: 41 Resp: 62725

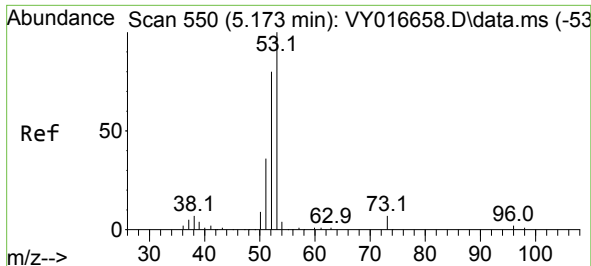
Ion Ratio Lower Upper

41 100

39 72.2 58.0 87.0

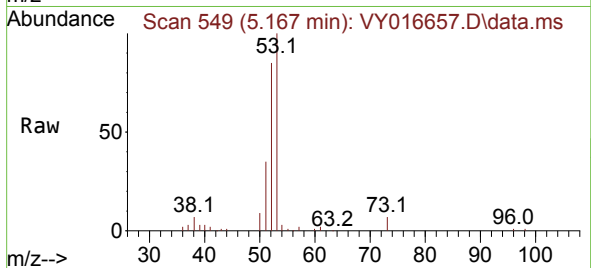
76 44.5 27.4 41.2#



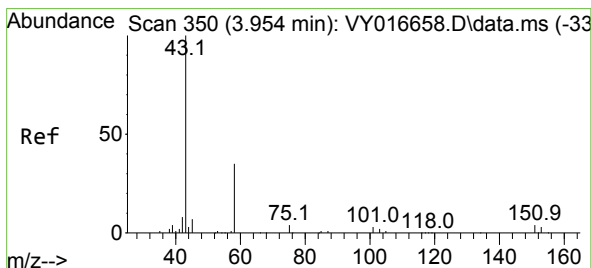
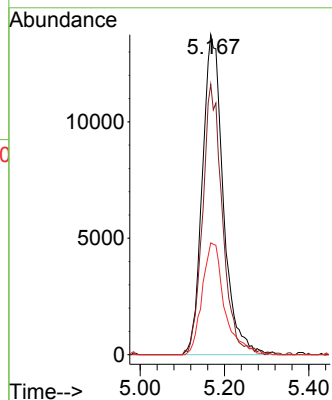
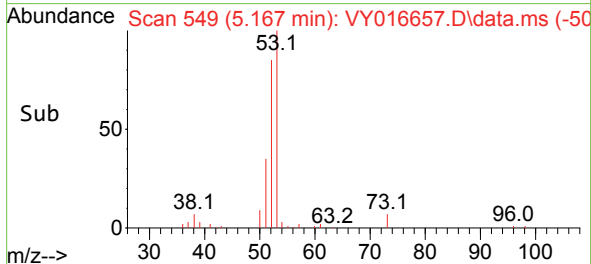


#15
Acrylonitrile
Concen: 102.588 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :

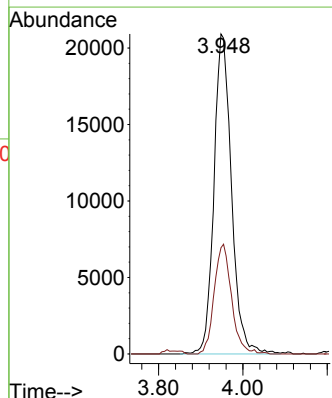
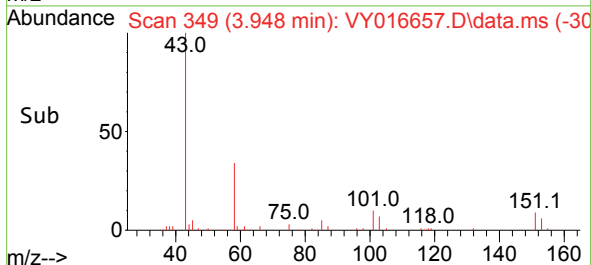
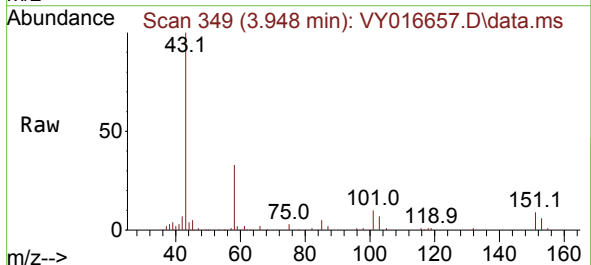


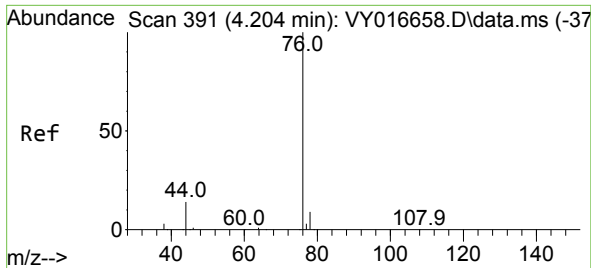
Tgt Ion:	53	Resp:	47520
Ion	Ratio	Lower	Upper
53	100		
52	79.8	66.9	100.3
51	37.2	29.8	44.6



#16
Acetone
Concen: 121.886 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion:	43	Resp:	60260
Ion	Ratio	Lower	Upper
43	100		
58	33.2	22.7	34.1

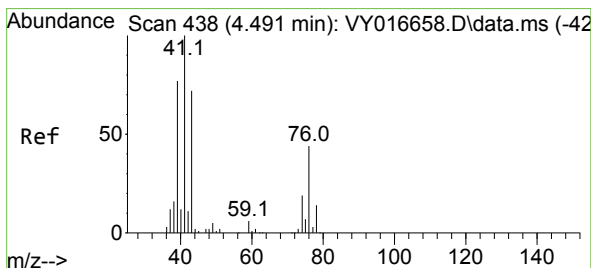
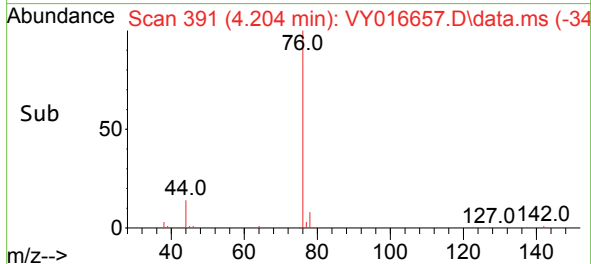
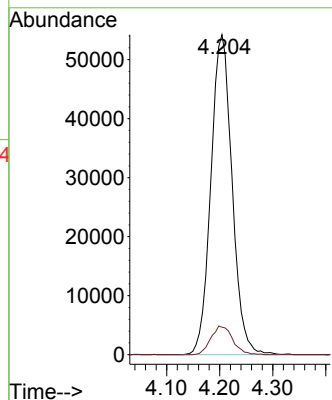
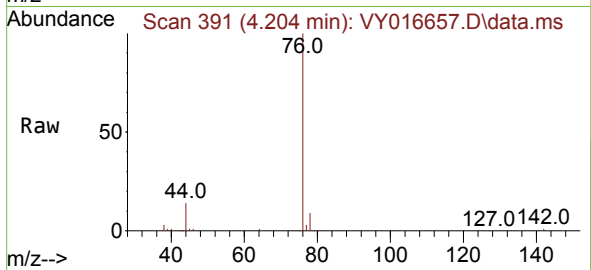




#17
Carbon Disulfide
Concen: 22.907 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

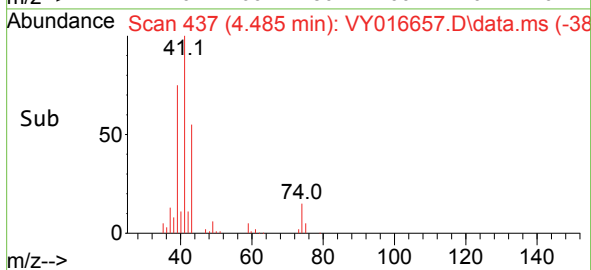
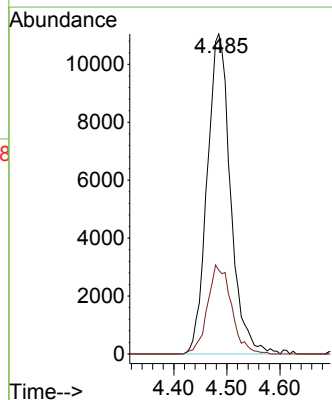
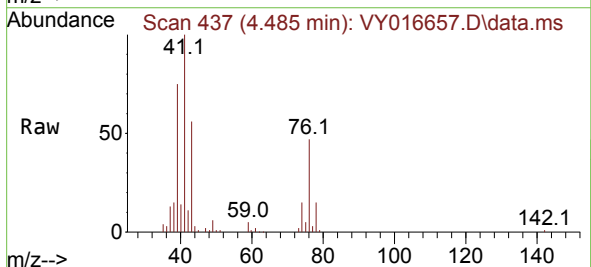
Instrument :
MSVOA_Y
ClientSampleId :

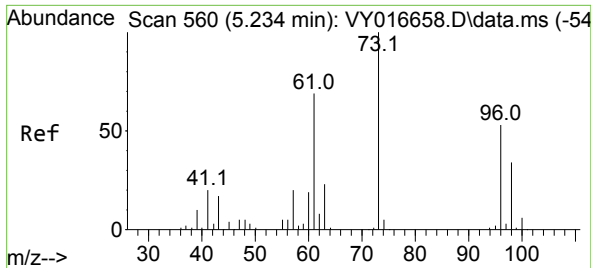
Tgt Ion: 76 Resp: 150524
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 19.313 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 43 Resp: 33753
Ion Ratio Lower Upper
43 100
74 28.5 17.4 26.0#

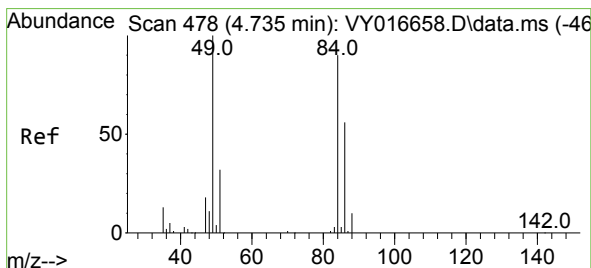
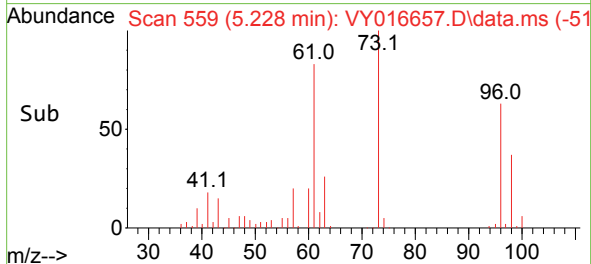
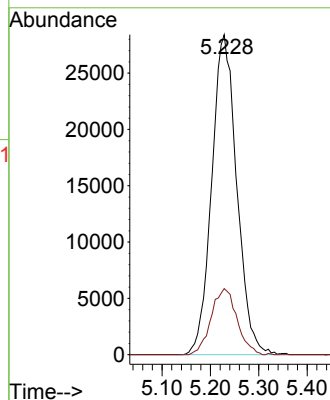
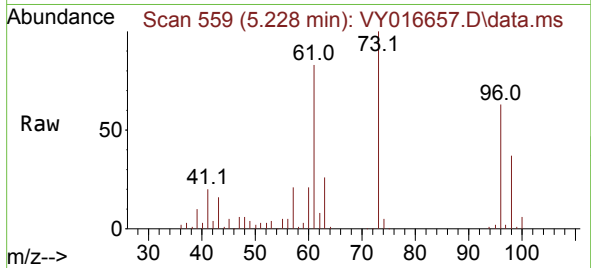




#19
Methyl tert-butyl Ether
Concen: 21.011 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

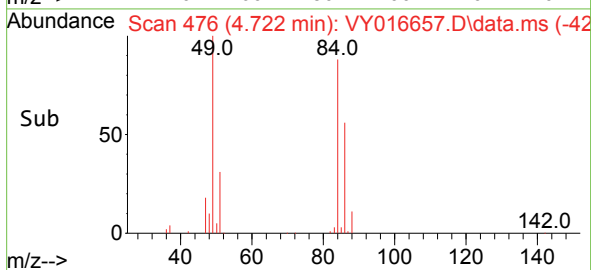
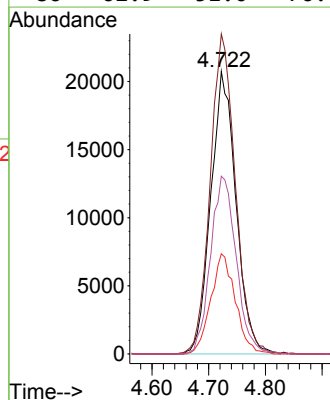
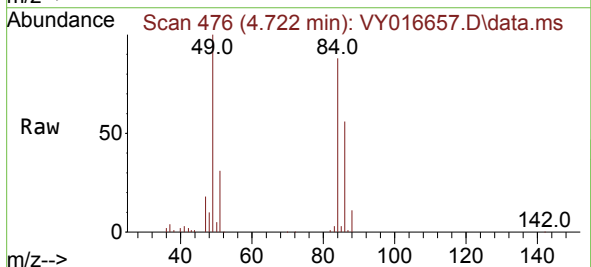
Instrument :
MSVOA_Y
ClientSampleId :

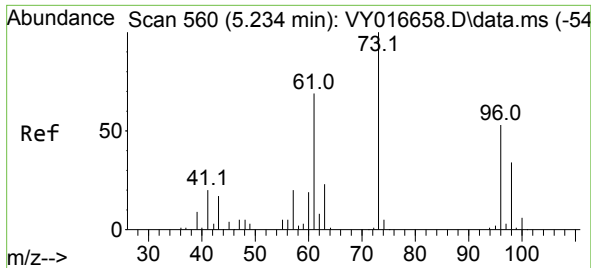
Tgt Ion: 73 Resp: 102351
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 24.608 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

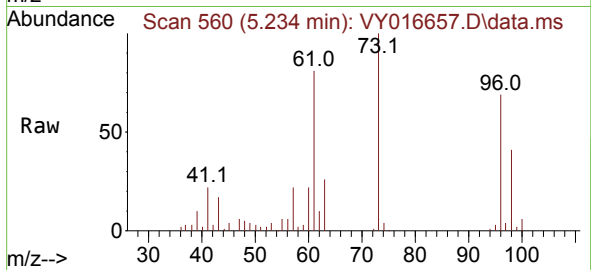
Tgt Ion: 84 Resp: 63979
Ion Ratio Lower Upper
84 100
49 113.0 106.9 160.3
51 35.5 33.2 49.8
86 62.9 51.0 76.6



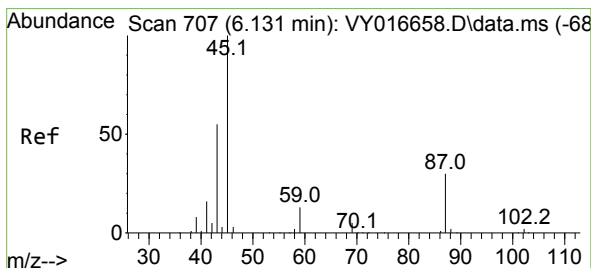
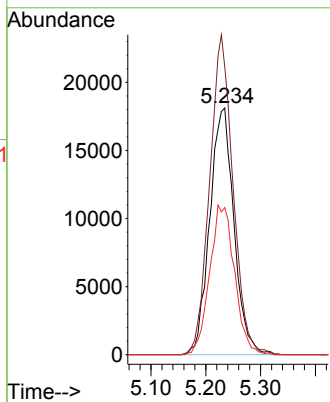
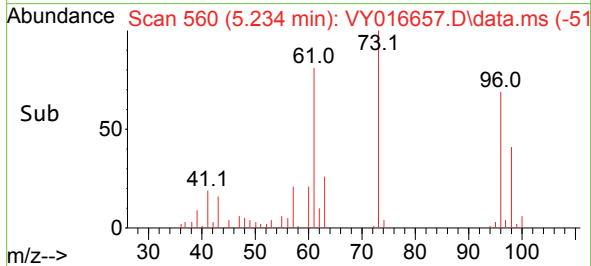


#21
trans-1,2-Dichloroethene
Concen: 22.962 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

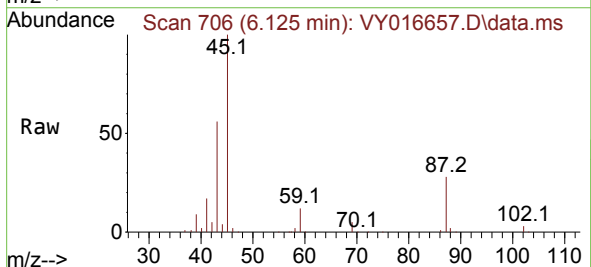
Instrument :
MSVOA_Y
ClientSampleId :



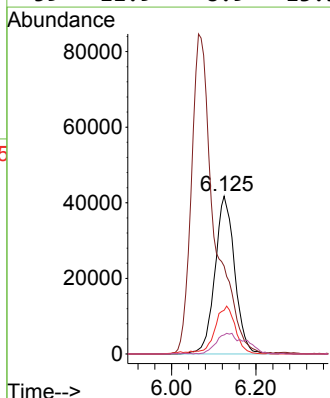
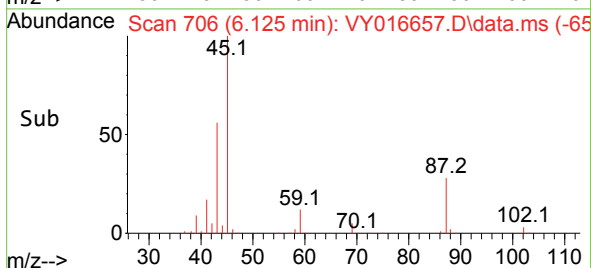
Tgt Ion: 96 Resp: 55580
Ion Ratio Lower Upper
96 100
61 116.6 110.2 165.4
98 59.6 51.8 77.6

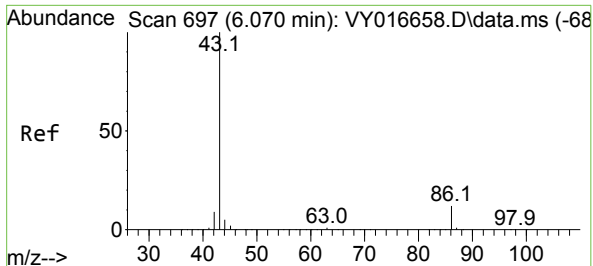


#22
Diisopropyl ether
Concen: 22.422 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14



Tgt Ion: 45 Resp: 135359
Ion Ratio Lower Upper
45 100
43 54.8 52.2 78.4
87 27.7 21.0 31.6
59 11.9 8.9 13.3

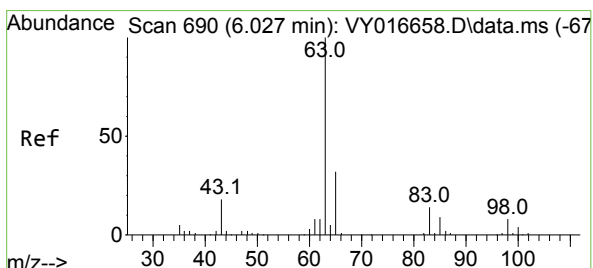
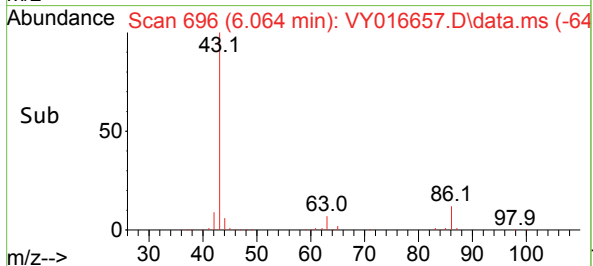
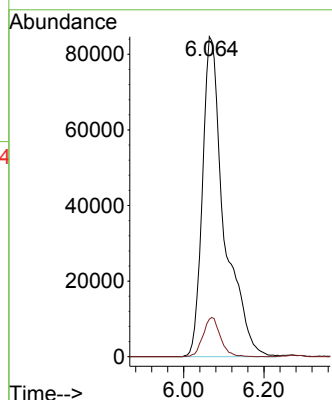
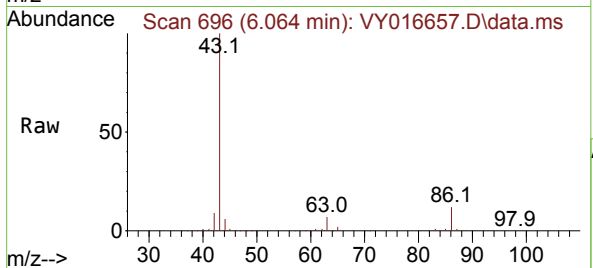




#23
 Vinyl Acetate
 Concen: 107.256 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY016657.D
 Acq: 15 Dec 2023 17:14

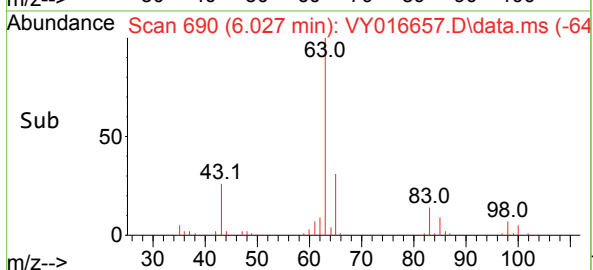
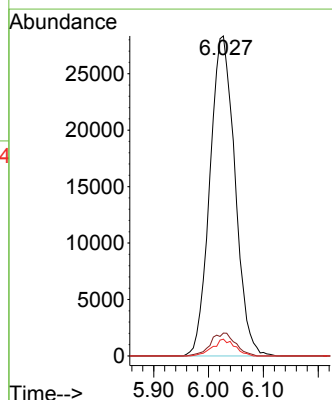
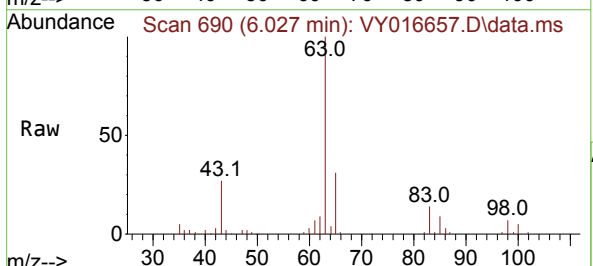
Instrument :
 MSVOA_Y
 ClientSampleId :

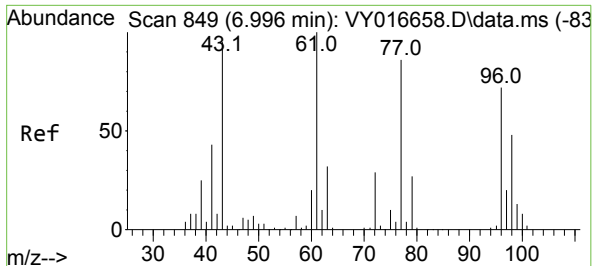
Tgt Ion: 43 Resp: 319053
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 22.849 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY016657.D
 Acq: 15 Dec 2023 17:14

Tgt Ion: 63 Resp: 90017
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 111.154 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

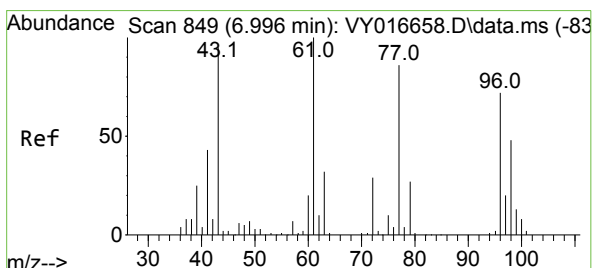
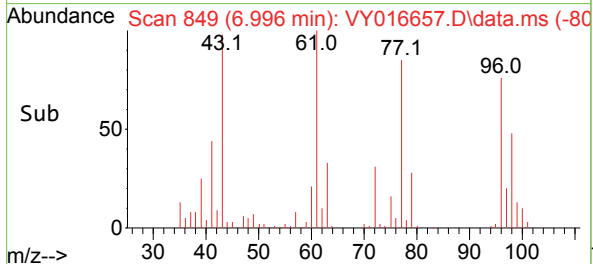
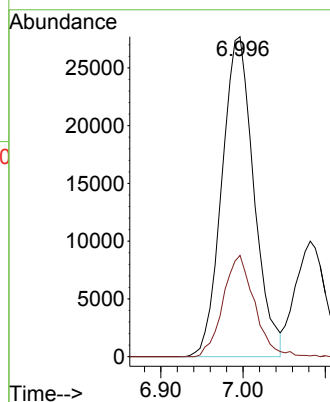
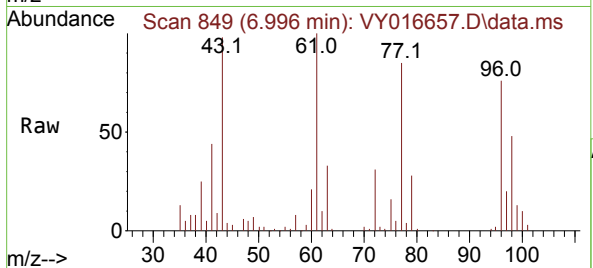
ClientSampleId :

Tgt Ion: 43 Resp: 75031

Ion Ratio Lower Upper

43 100

72 31.6 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 22.439 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016657.D

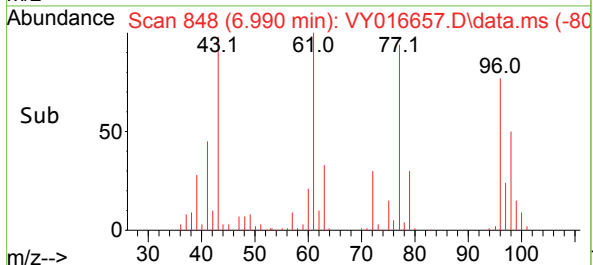
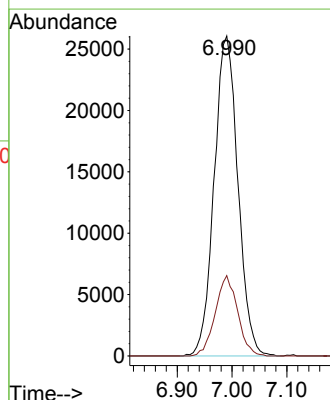
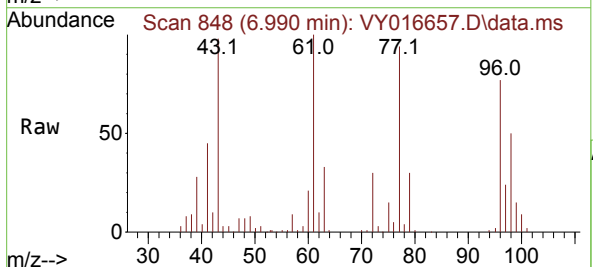
Acq: 15 Dec 2023 17:14

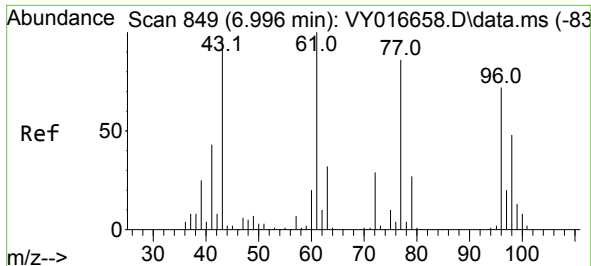
Tgt Ion: 77 Resp: 78486

Ion Ratio Lower Upper

77 100

97 23.6 10.9 32.9

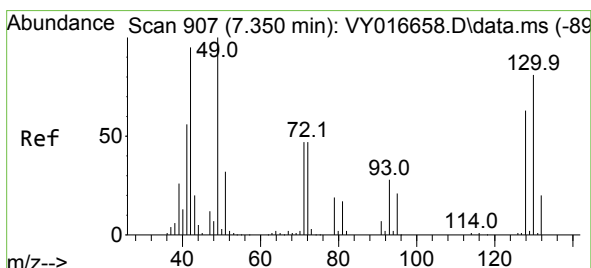
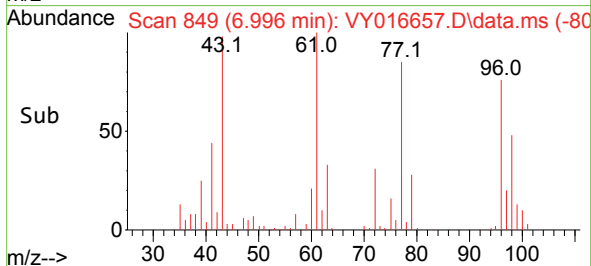
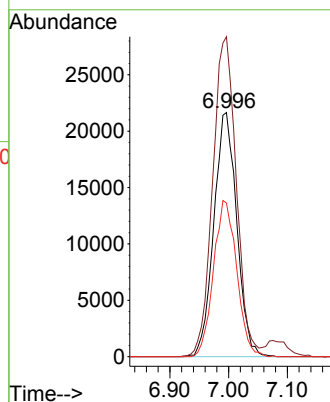
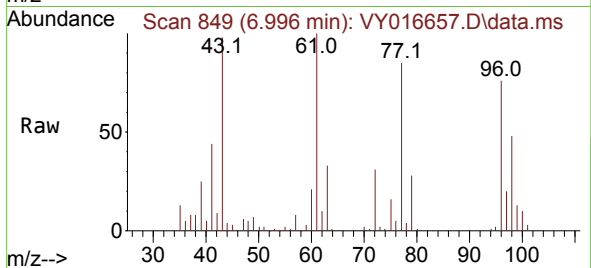




#27
 cis-1,2-Dichloroethene
 Concen: 22.443 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY016657.D
 Acq: 15 Dec 2023 17:14

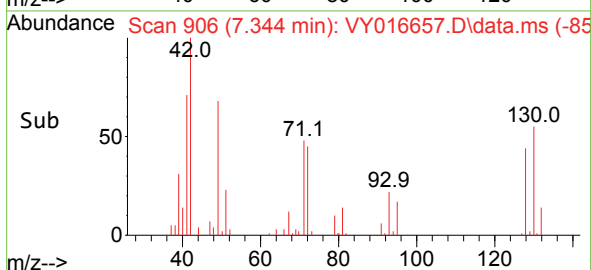
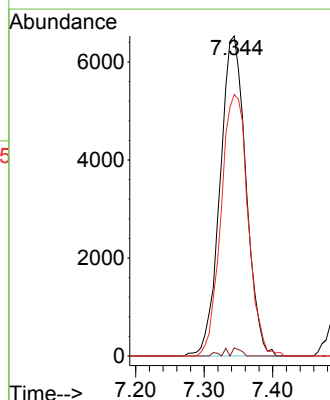
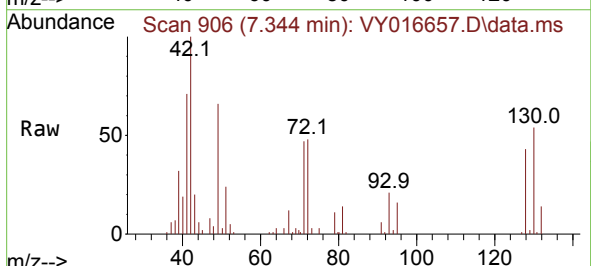
Instrument :
 MSVOA_Y
 ClientSampleId :

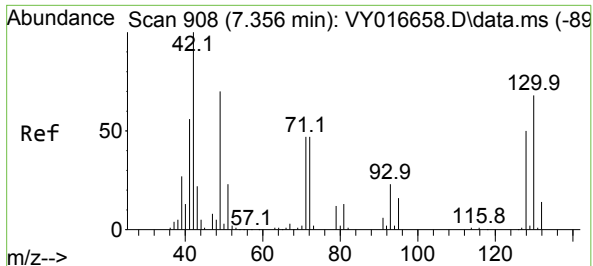
Tgt Ion: 96	Resp: 58666
Ion Ratio	Lower Upper
96 100	
61 134.5	0.0 301.4
98 64.8	0.0 130.4



#28
 Bromochloromethane
 Concen: 14.434 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY016657.D
 Acq: 15 Dec 2023 17:14

Tgt Ion: 49	Resp: 17105
Ion Ratio	Lower Upper
49 100	
129 1.2	0.0 4.6
130 84.7	60.7 91.1





#29

Tetrahydrofuran

Concen: 98.435 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY016657.D

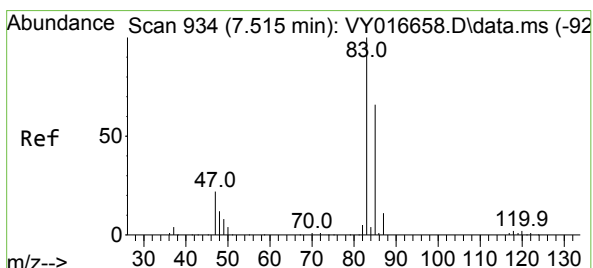
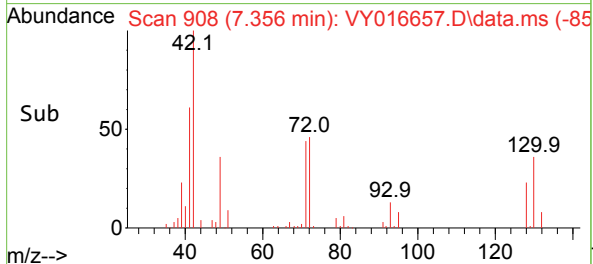
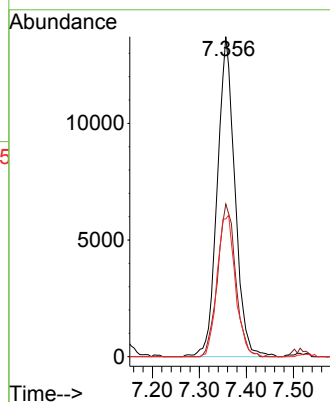
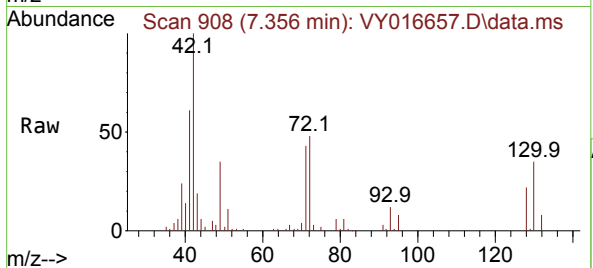
Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	35810
Ion	Ratio	Lower	Upper
42	100		
72	48.7	32.8	49.2
71	46.0	31.0	46.4



#30

Chloroform

Concen: 22.708 ug/l

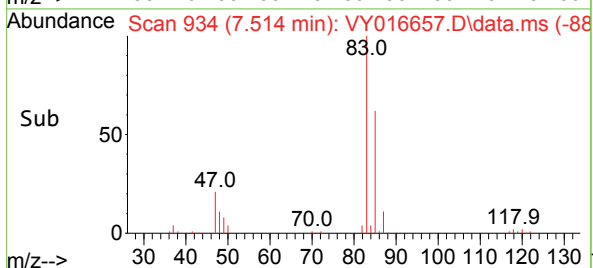
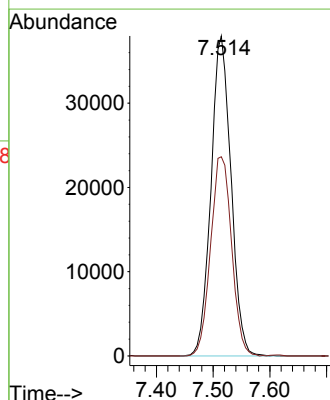
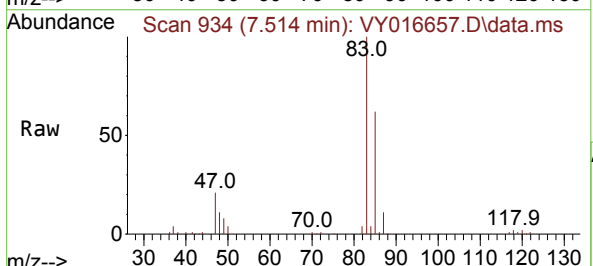
RT: 7.514 min Scan# 934

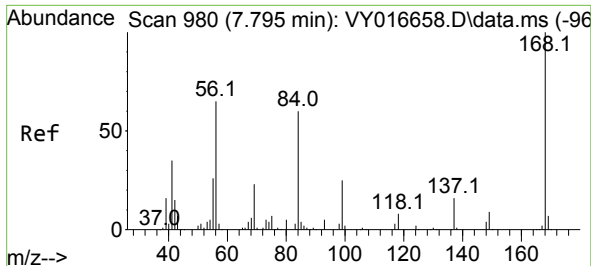
Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

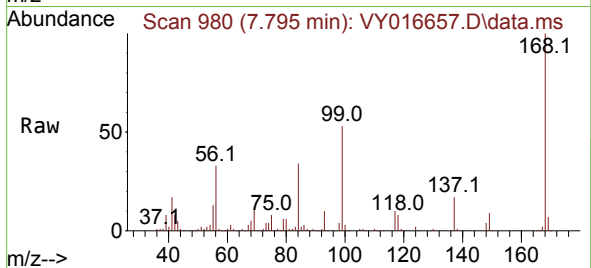
Tgt Ion:	83	Resp:	93038
Ion	Ratio	Lower	Upper
83	100		
85	62.3	49.7	74.5



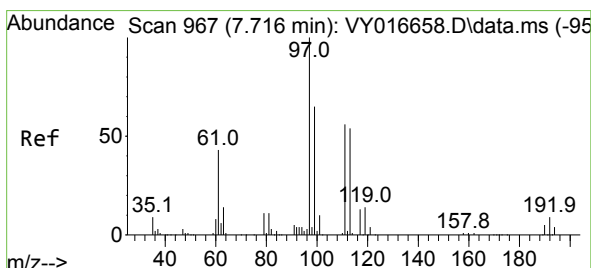
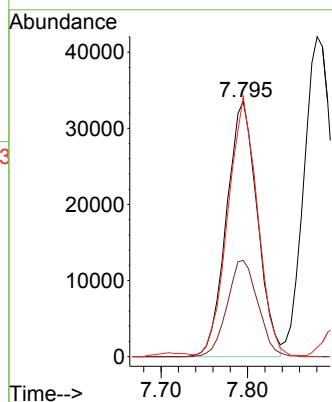
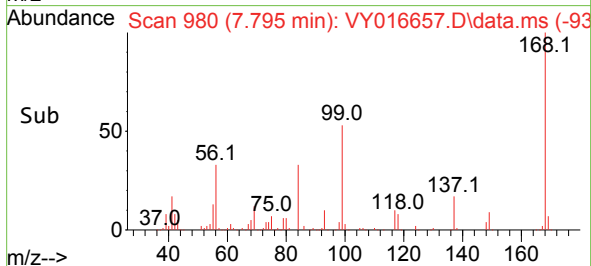


#31
Cyclohexane
Concen: 22.451 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :

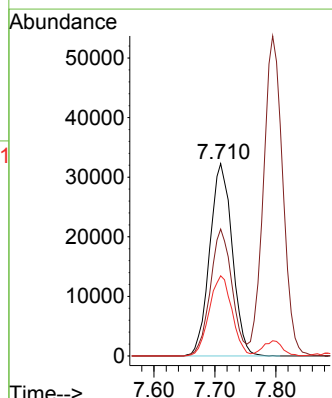
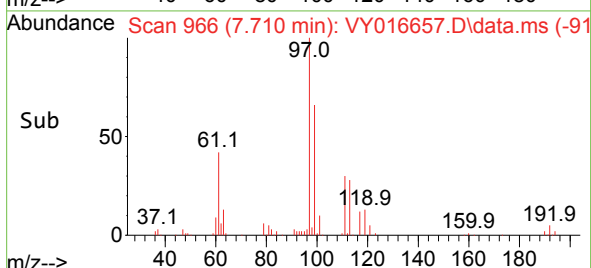
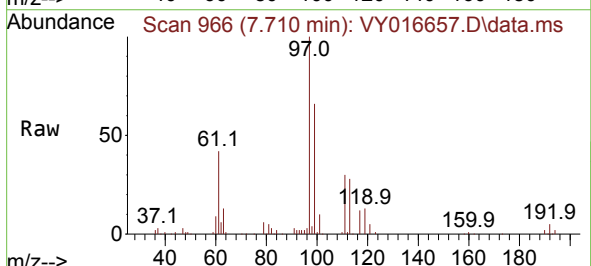


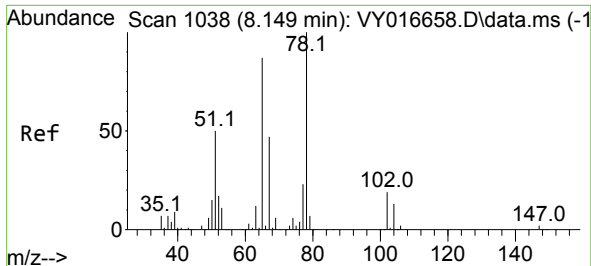
Tgt Ion: 56 Resp: 82952
Ion Ratio Lower Upper
56 100
69 37.8 27.8 41.6
84 100.6 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 22.539 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 97 Resp: 82846
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 15.728 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

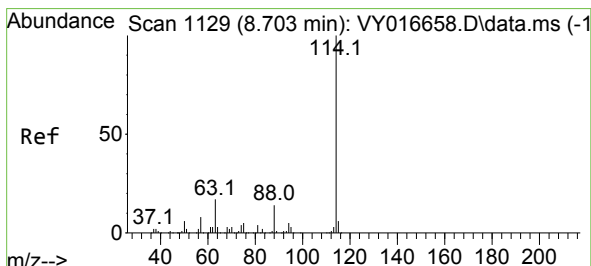
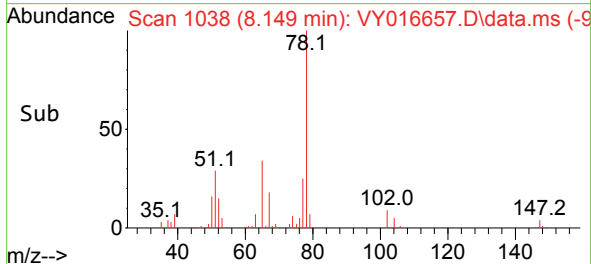
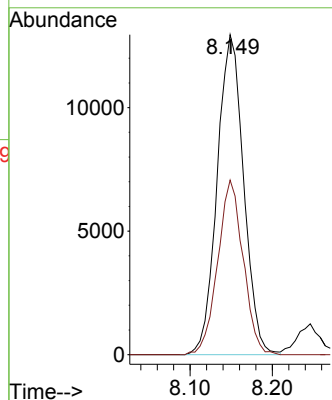
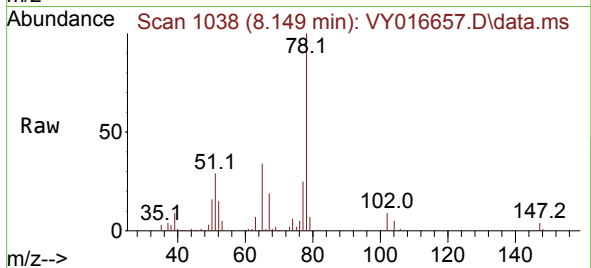
ClientSampleId :

Tgt Ion: 65 Resp: 28986

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

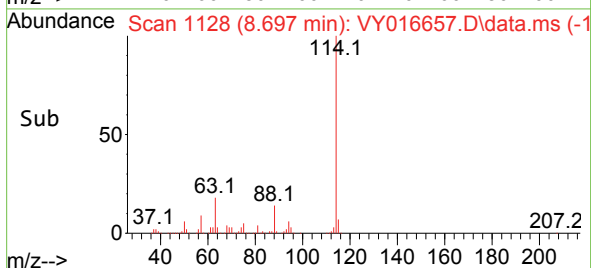
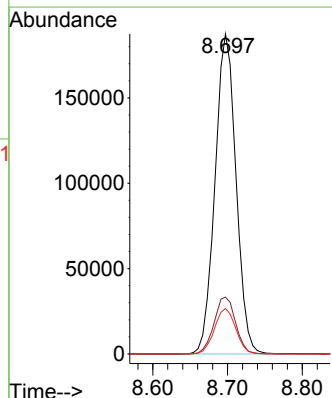
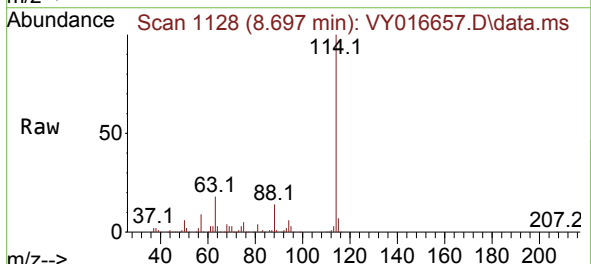
Tgt Ion:114 Resp: 365881

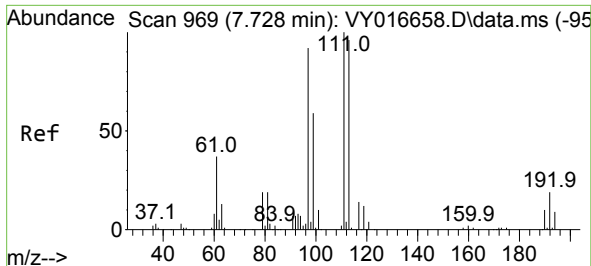
Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

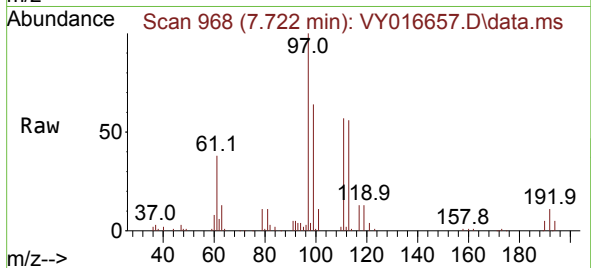
88 14.2 0.0 30.6



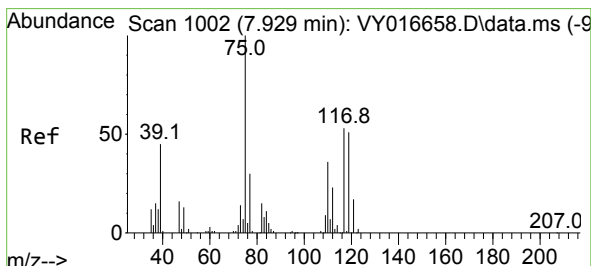
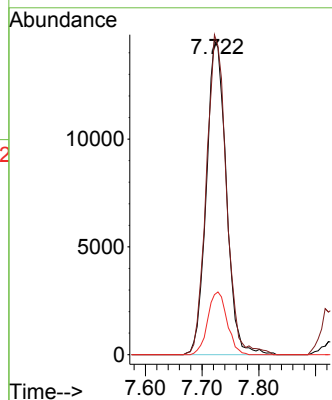
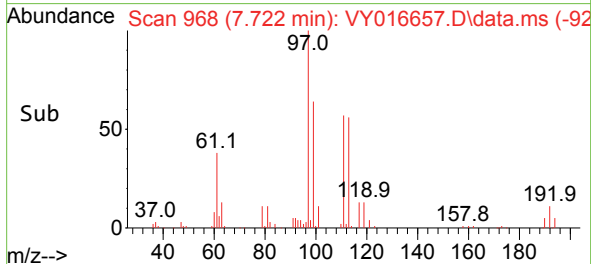


#35
Dibromofluoromethane
Concen: 18.081 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

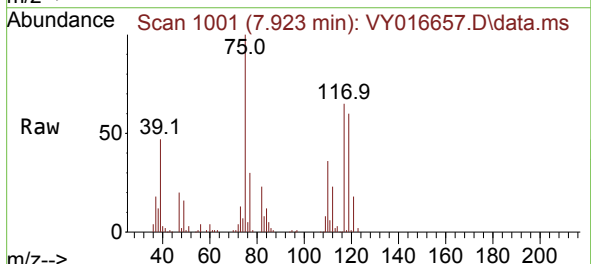
Instrument :
MSVOA_Y
ClientSampleId :



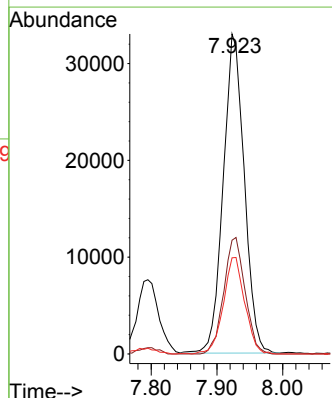
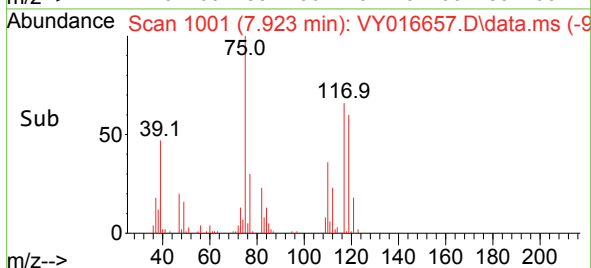
Tgt Ion:113 Resp: 35484
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.4 16.9 25.3

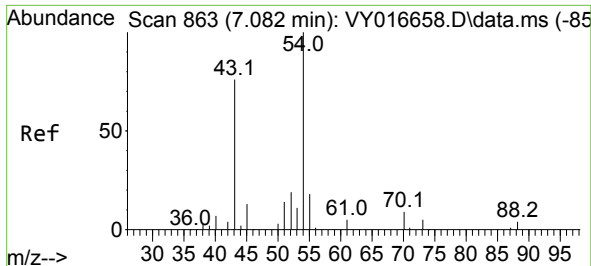


#36
1,1-Dichloropropene
Concen: 22.641 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14



Tgt Ion: 75 Resp: 73596
Ion Ratio Lower Upper
75 100
110 36.9 17.8 53.5
77 30.8 24.4 36.6

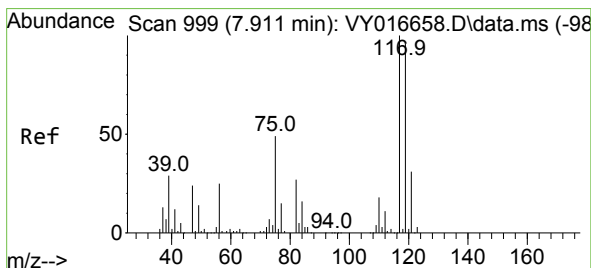
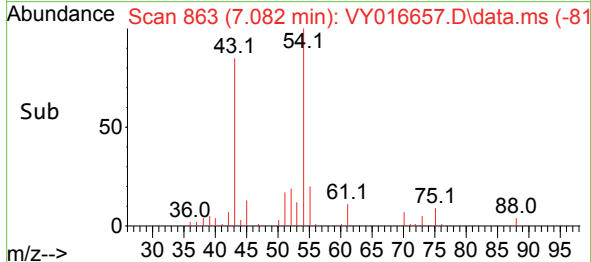
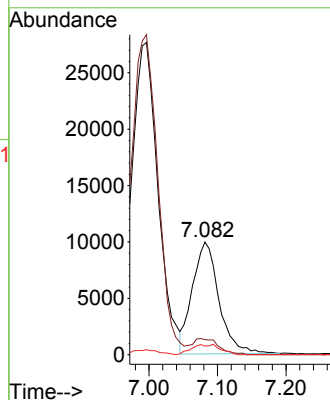
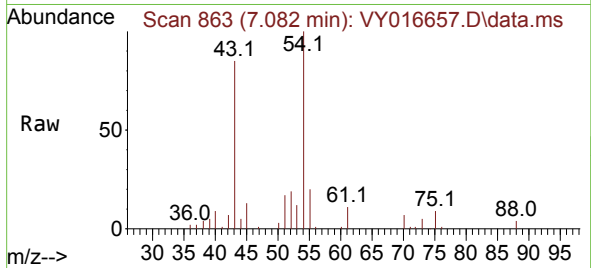




#37
Ethyl Acetate
Concen: 19.942 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

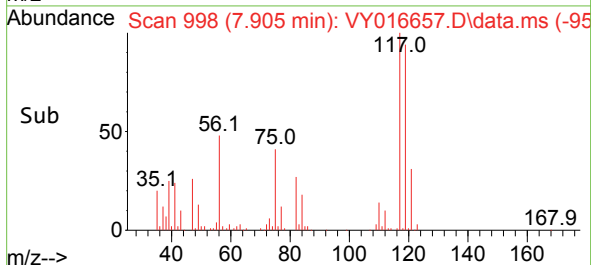
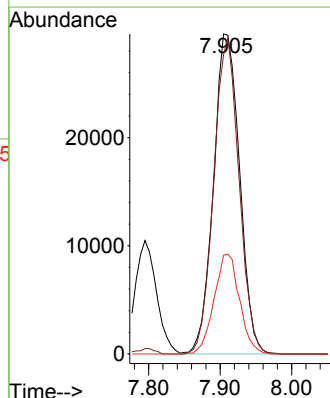
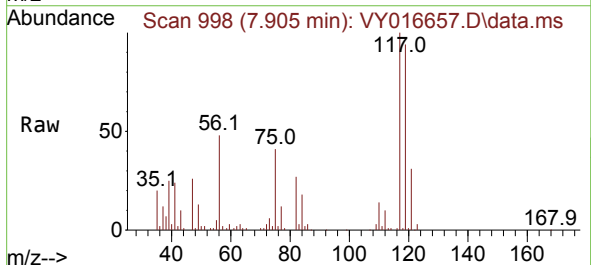
Instrument :
MSVOA_Y
ClientSampleId :

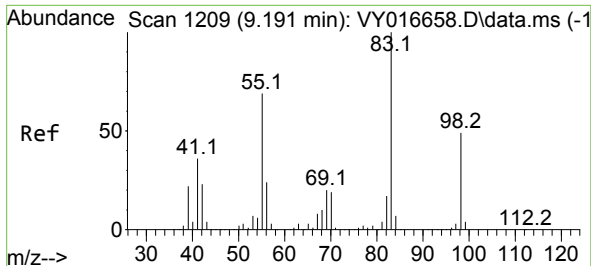
Tgt Ion: 43 Resp: 26714
Ion Ratio Lower Upper
43 100
61 13.7 10.1 15.1
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 22.977 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 117 Resp: 75021
Ion Ratio Lower Upper
117 100
119 93.6 76.4 114.6
121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 22.586 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

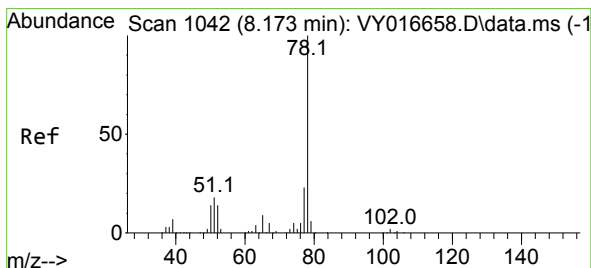
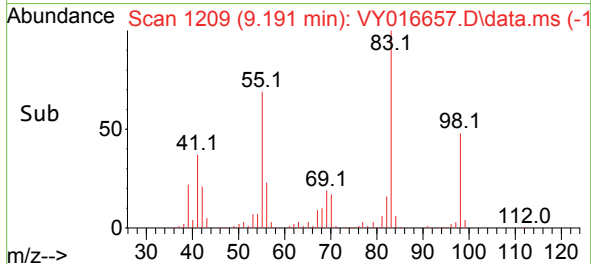
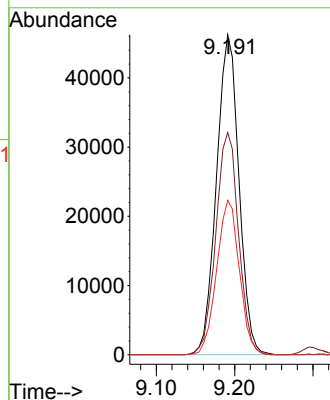
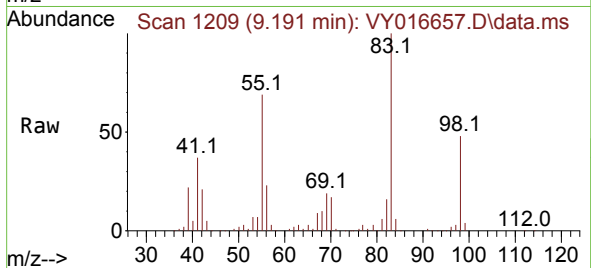
Tgt Ion: 83 Resp: 92275

Ion Ratio Lower Upper

83 100

55 69.4 63.0 94.4

98 48.3 37.4 56.2



#40

Benzene

Concen: 22.729 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016657.D

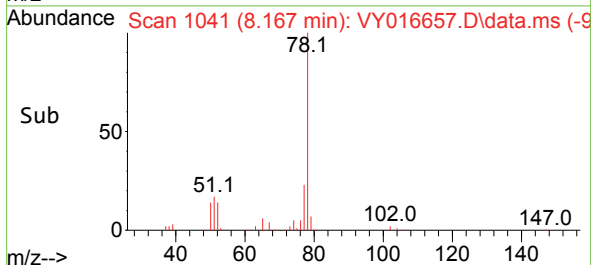
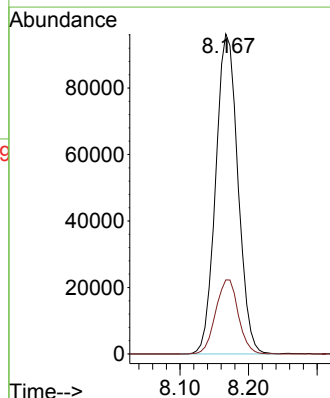
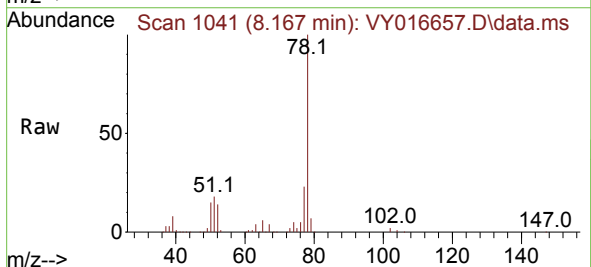
Acq: 15 Dec 2023 17:14

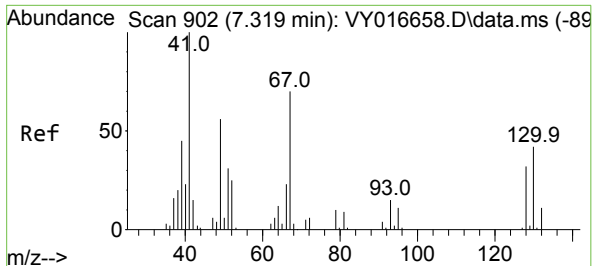
Tgt Ion: 78 Resp: 216533

Ion Ratio Lower Upper

78 100

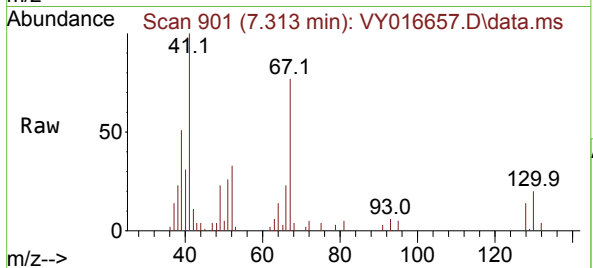
77 23.1 19.0 28.6



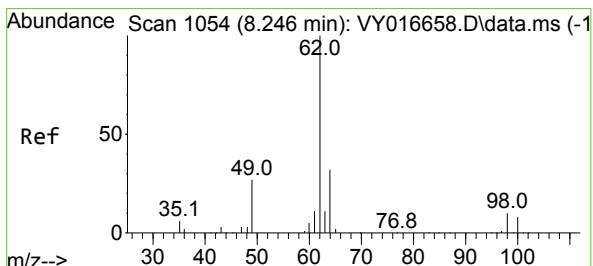
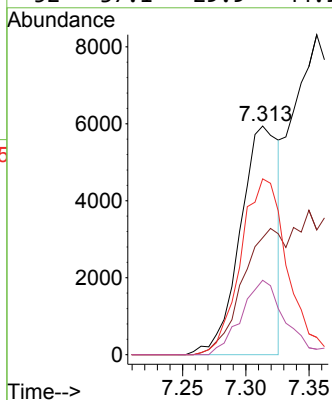
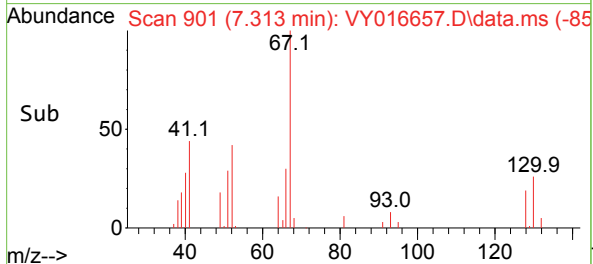


#41
Methacrylonitrile
Concen: 17.617 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :

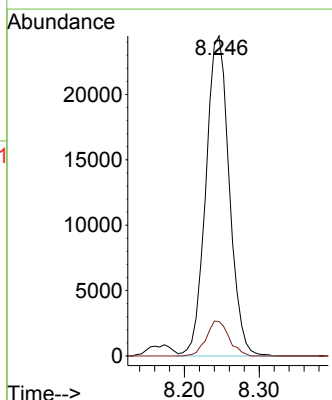
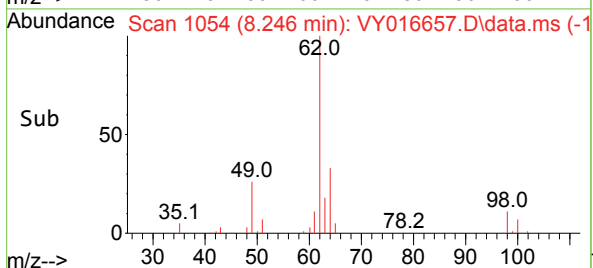
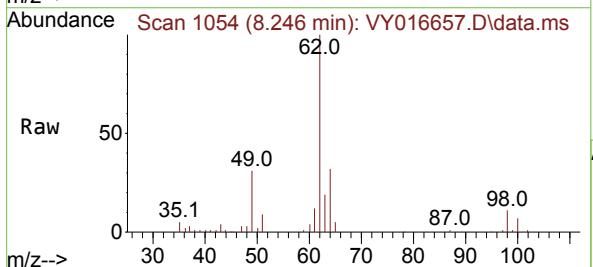


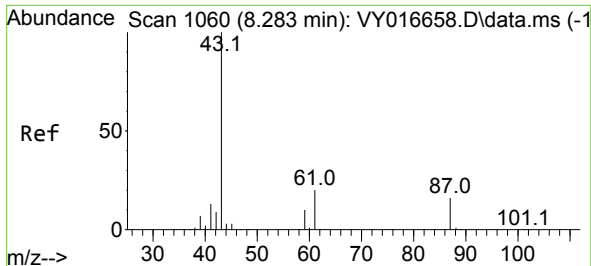
Tgt Ion: 41	Resp: 12532
Ion Ratio	Lower Upper
41 100	
39 61.6	52.1 78.1
67 93.9	66.2 99.2
52 37.1	29.9 44.9



#42
1,2-Dichloroethane
Concen: 21.894 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 62	Resp: 53310
Ion Ratio	Lower Upper
62 100	
98 10.6	0.0 15.8

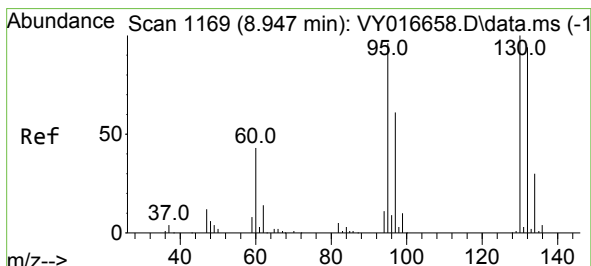
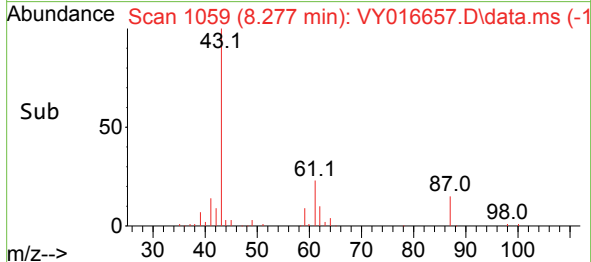
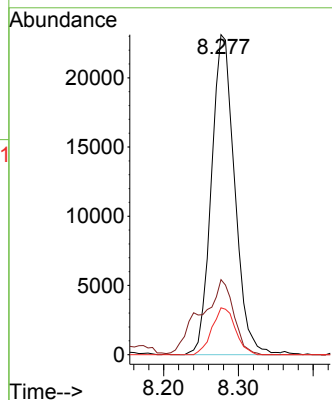
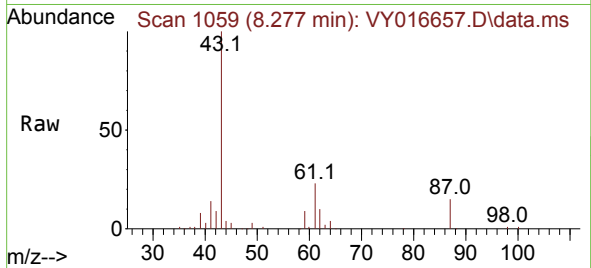




#43
Isopropyl Acetate
Concen: 20.307 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

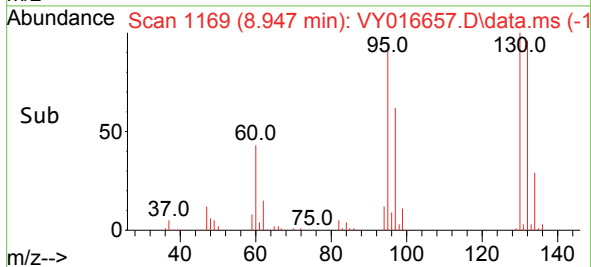
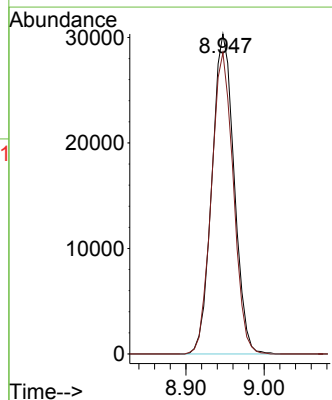
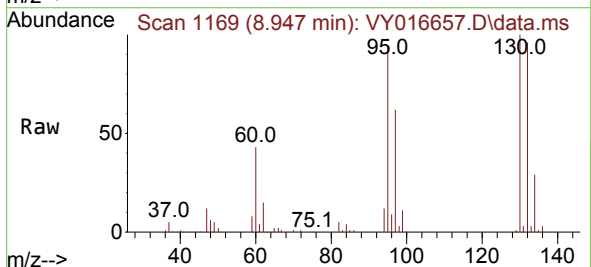
Instrument :
MSVOA_Y
ClientSampleId :

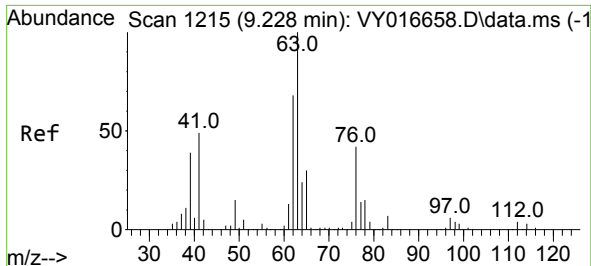
Tgt Ion: 43 Resp: 49994
Ion Ratio Lower Upper
43 100
61 33.0 21.1 31.7#
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 22.465 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion:130 Resp: 59608
Ion Ratio Lower Upper
130 100
95 94.2 0.0 196.0

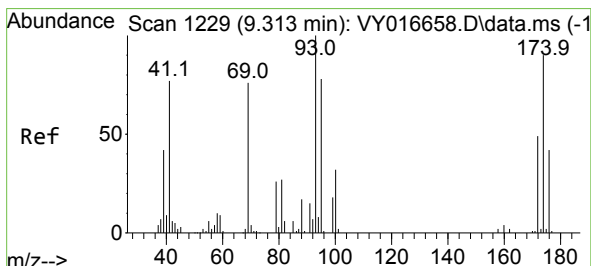
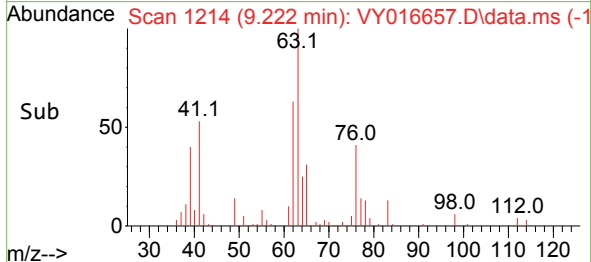
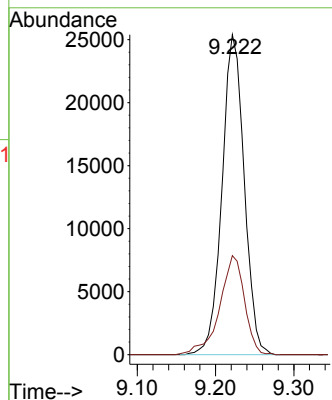
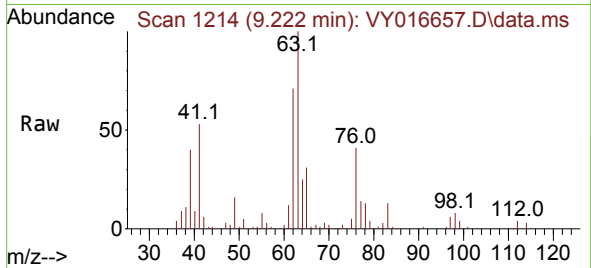




#45
1,2-Dichloropropane
Concen: 22.480 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

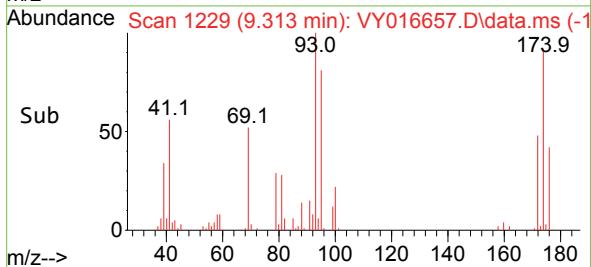
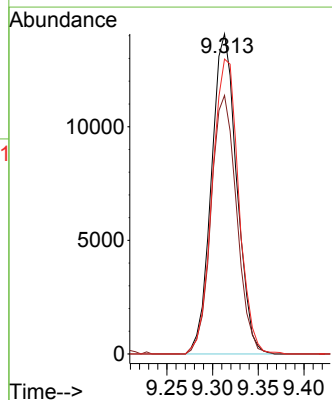
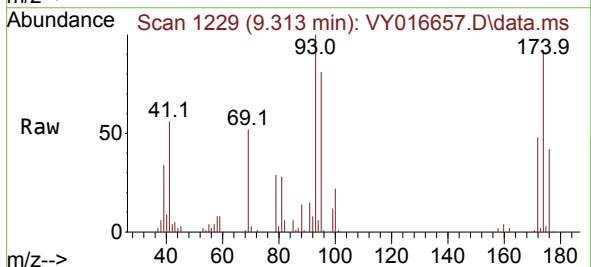
Instrument :
MSVOA_Y
ClientSampleId :

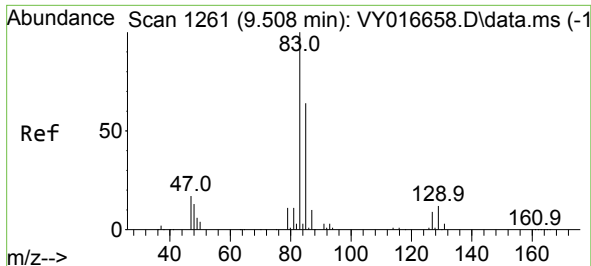
Tgt Ion: 63 Resp: 50034
Ion Ratio Lower Upper
63 100
65 31.0 23.8 35.6



#46
Dibromomethane
Concen: 22.048 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 93 Resp: 27138
Ion Ratio Lower Upper
93 100
95 81.5 66.6 100.0
174 96.4 84.8 127.2

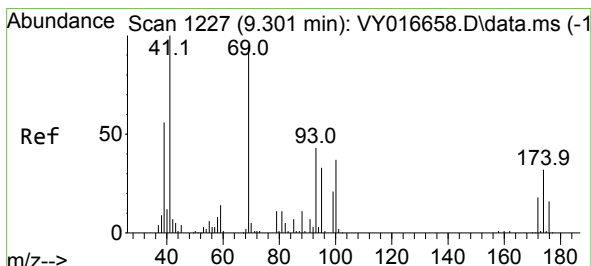
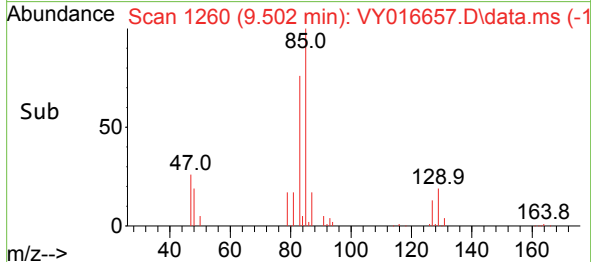
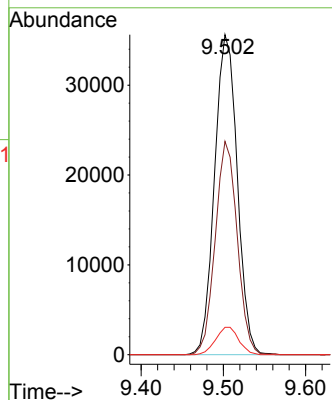
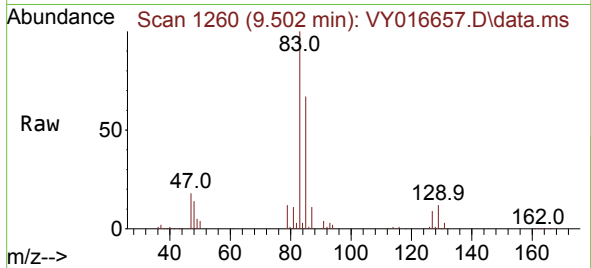




#47
Bromodichloromethane
Concen: 21.983 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

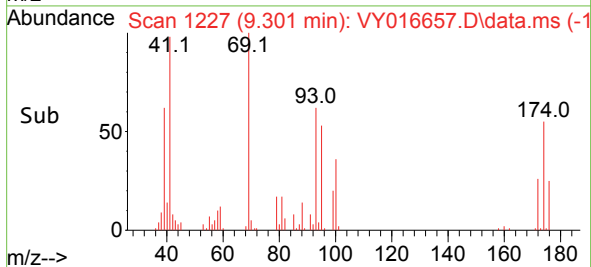
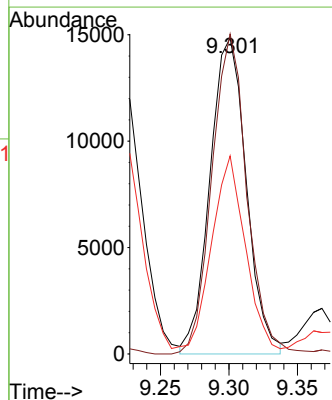
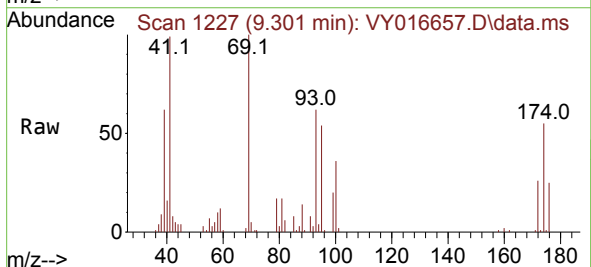
Instrument :
MSVOA_Y
ClientSampleId :

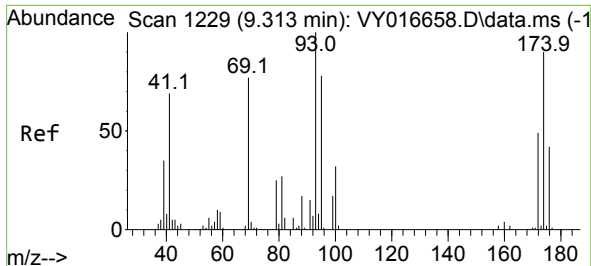
Tgt Ion: 83 Resp: 68367
Ion Ratio Lower Upper
83 100
85 66.7 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 20.090 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 41 Resp: 27388
Ion Ratio Lower Upper
41 100
69 97.9 64.5 96.7#
39 55.5 50.8 76.2





#49

1,4-Dioxane

Concen: 409.177 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

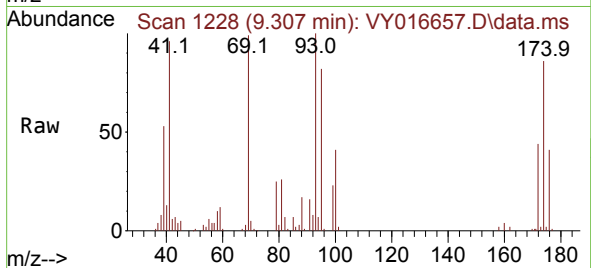
Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :



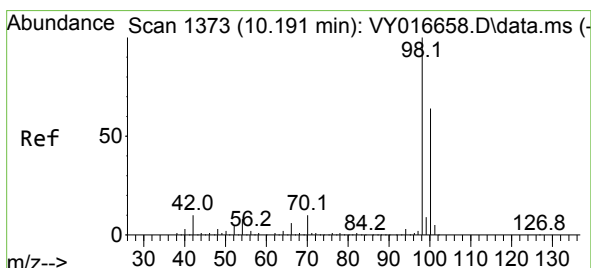
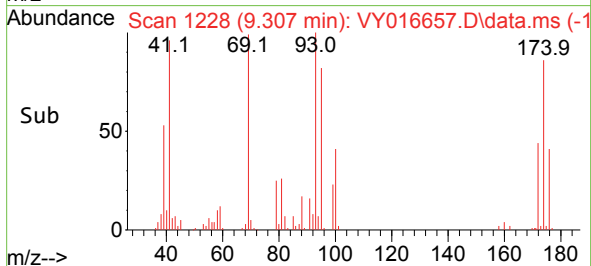
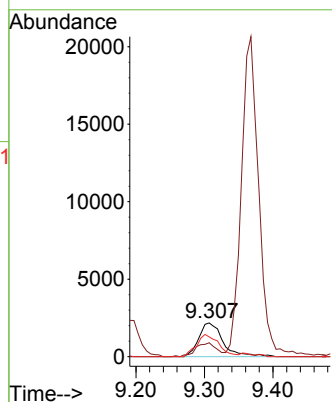
Tgt Ion: 88 Resp: 5395

Ion Ratio Lower Upper

88 100

43 34.3 0.0 0.0#

58 60.6 30.9 46.3#



#50

Toluene-d8

Concen: 15.938 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016657.D

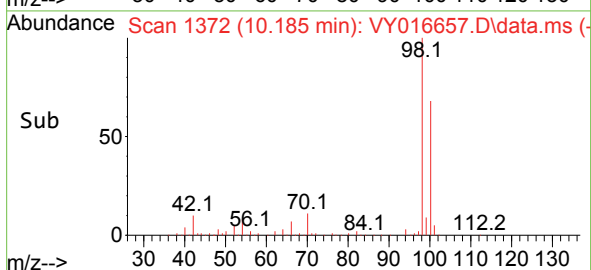
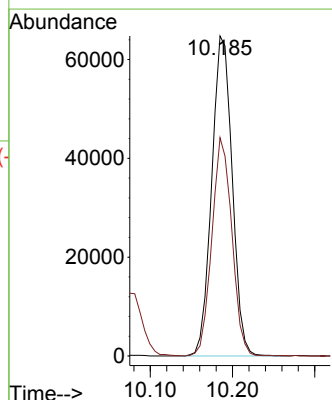
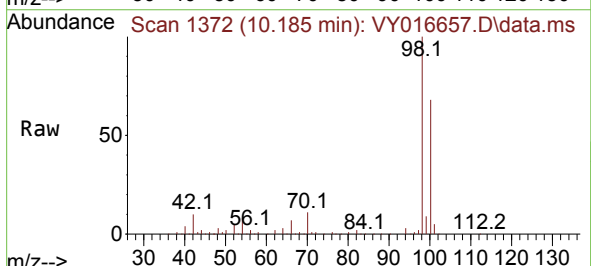
Acq: 15 Dec 2023 17:14

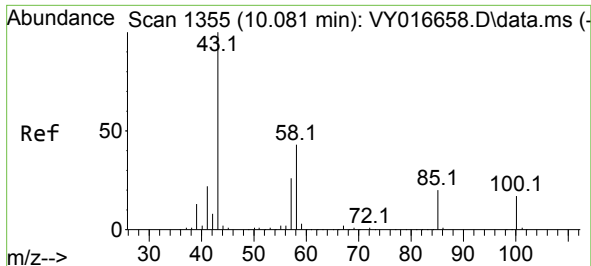
Tgt Ion: 98 Resp: 111932

Ion Ratio Lower Upper

98 100

100 66.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 101.165 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

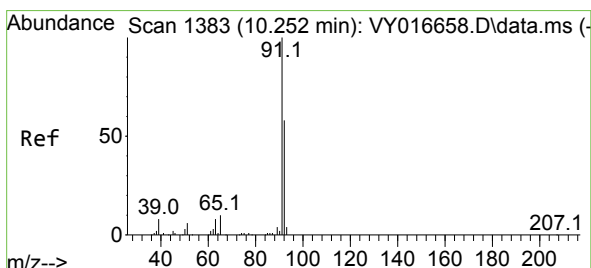
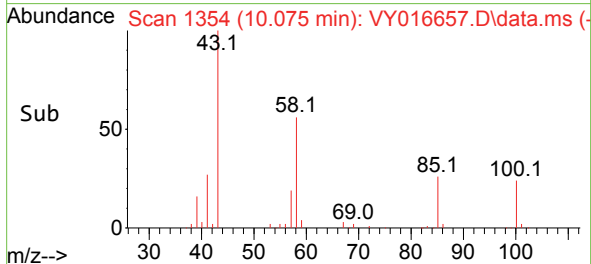
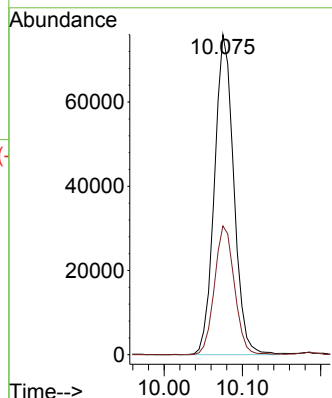
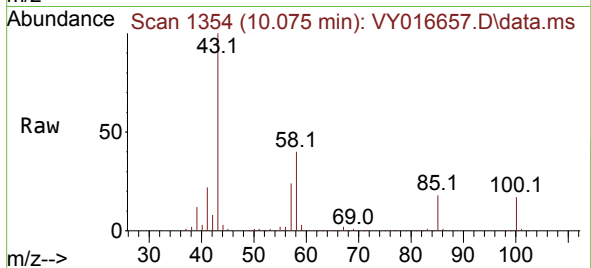
ClientSampleId :

Tgt Ion: 43 Resp: 130624

Ion Ratio Lower Upper

43 100

58 41.4 29.0 43.6



#52

Toluene

Concen: 22.654 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016657.D

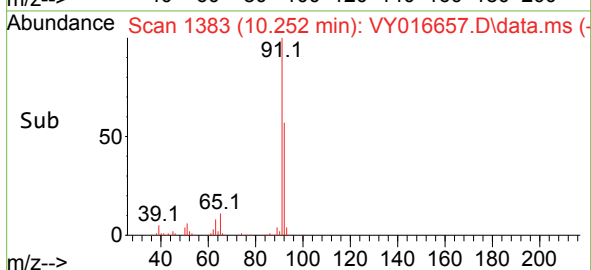
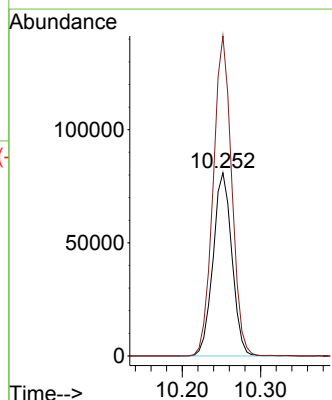
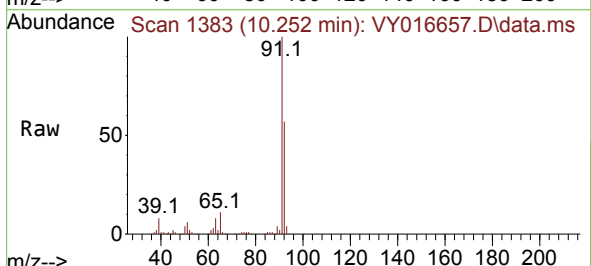
Acq: 15 Dec 2023 17:14

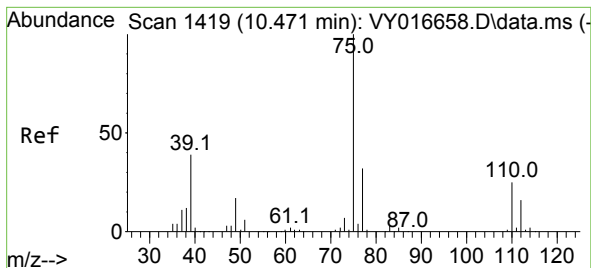
Tgt Ion: 92 Resp: 135190

Ion Ratio Lower Upper

92 100

91 172.0 143.8 215.6

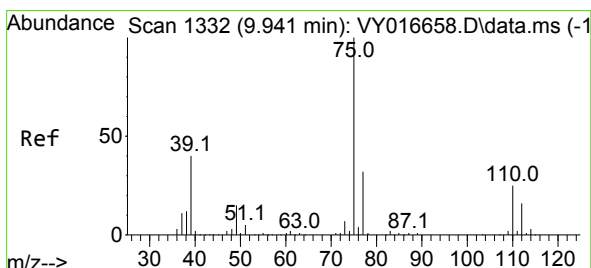
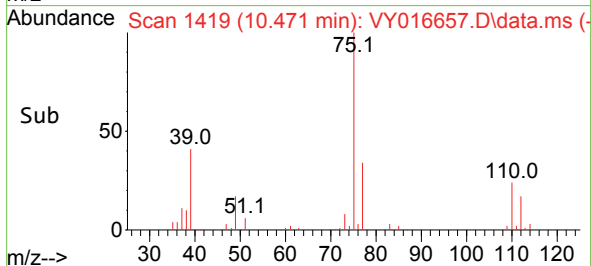
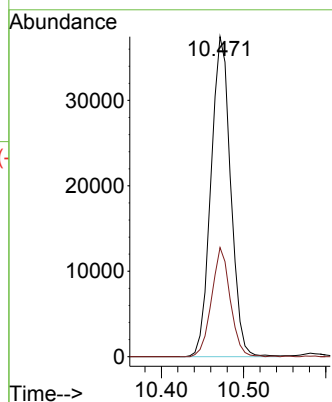
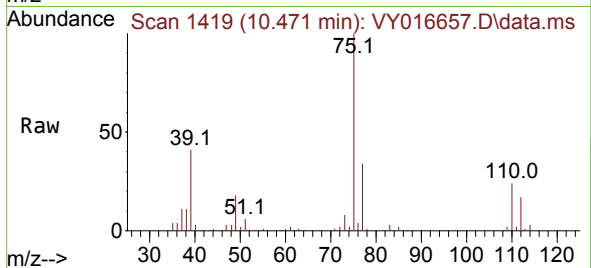




#53
 t-1,3-Dichloropropene
 Concen: 21.298 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY016657.D
 Acq: 15 Dec 2023 17:14

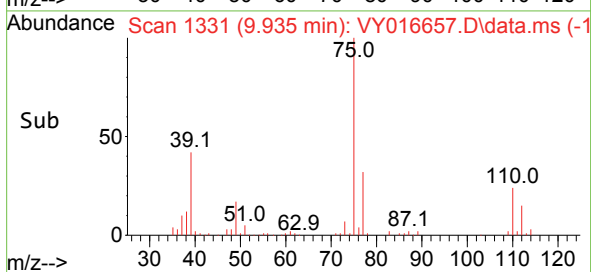
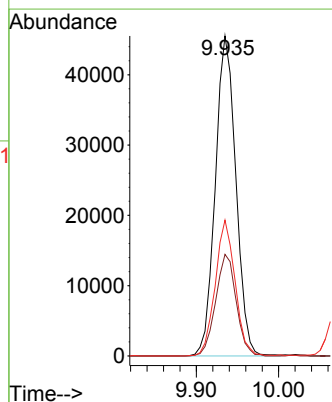
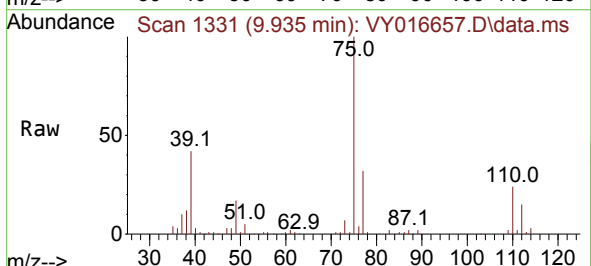
Instrument :
 MSVOA_Y
 ClientSampleId :

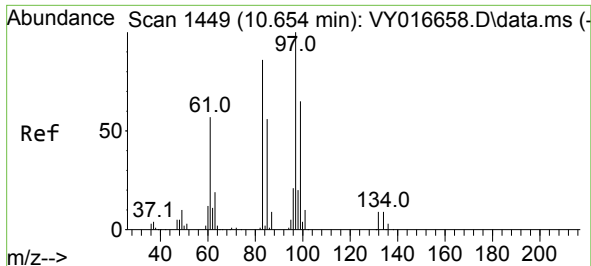
Tgt Ion: 75 Resp: 62486
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 22.450 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016657.D
 Acq: 15 Dec 2023 17:14

Tgt Ion: 75 Resp: 79190
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 42.5 42.2 63.4

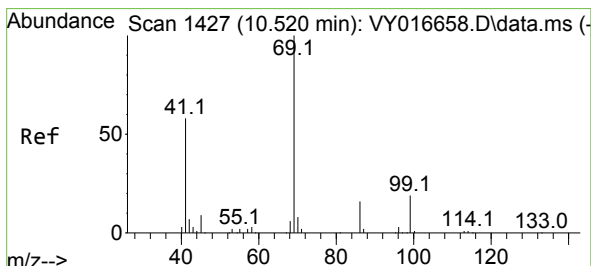
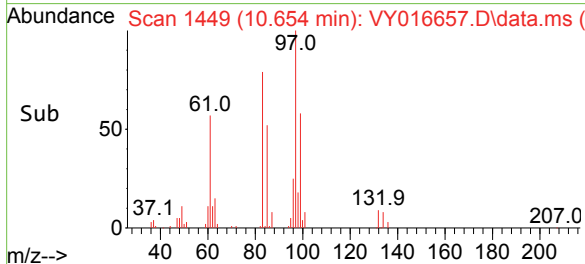
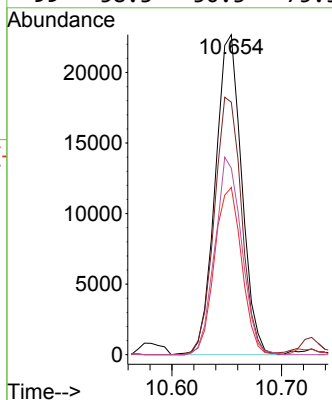
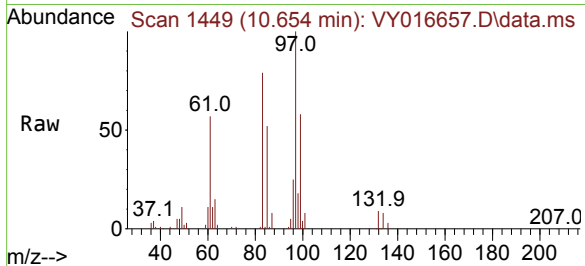




#55
1,1,2-Trichloroethane
Concen: 21.996 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

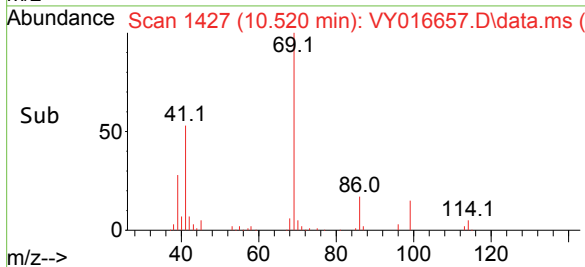
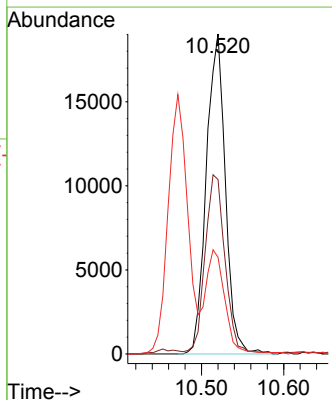
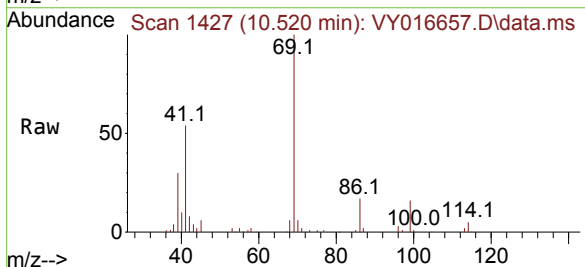
Instrument :
MSVOA_Y
ClientSampleId :

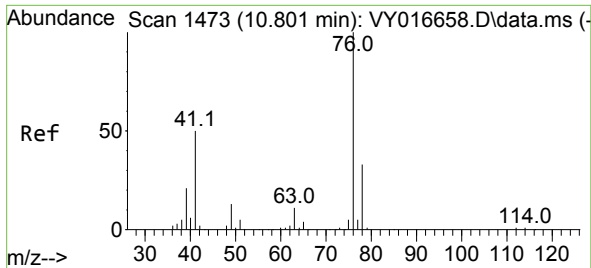
Tgt Ion: 97	Resp: 38041
Ion Ratio	Lower Upper
97 100	
83 78.9	72.0 108.0
85 52.3	45.4 68.0
99 58.3	50.3 75.5



#56
Ethyl methacrylate
Concen: 20.427 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 69	Resp: 30629
Ion Ratio	Lower Upper
69 100	
41 57.8	57.6 86.4
39 33.3	34.1 51.1#





#57

1,3-Dichloropropane

Concen: 21.665 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

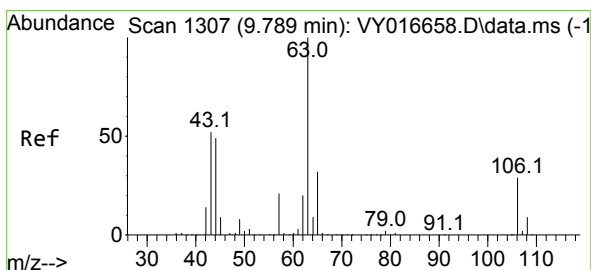
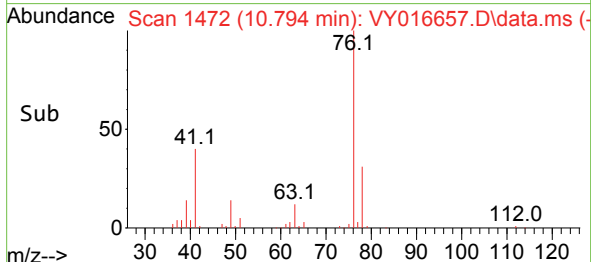
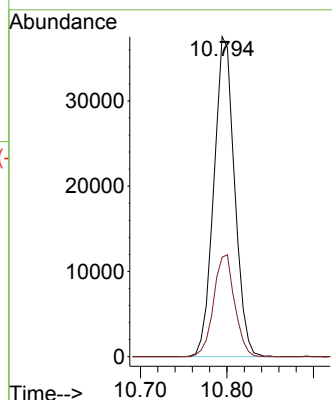
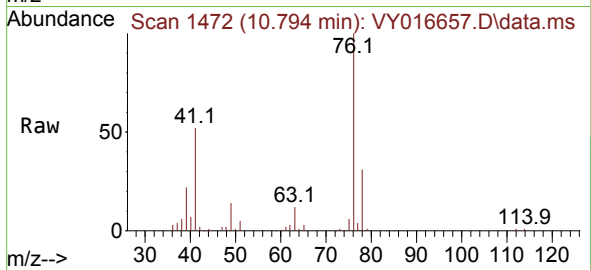
ClientSampleId :

Tgt Ion: 76 Resp: 62357

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 83.867 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VY016657.D

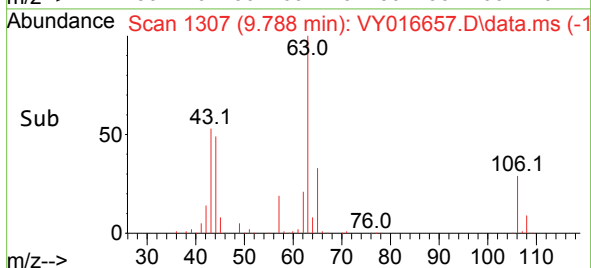
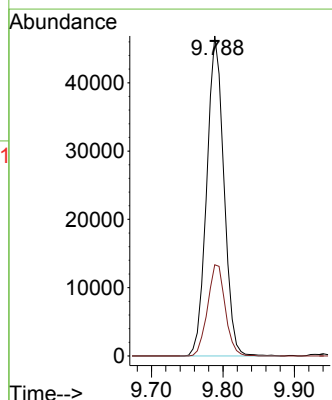
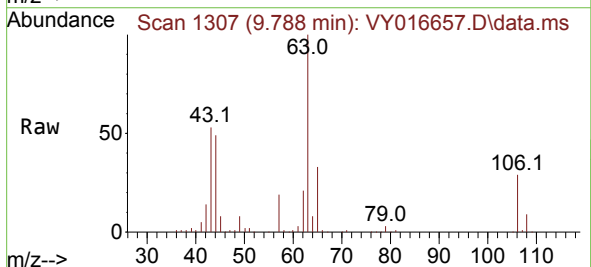
Acq: 15 Dec 2023 17:14

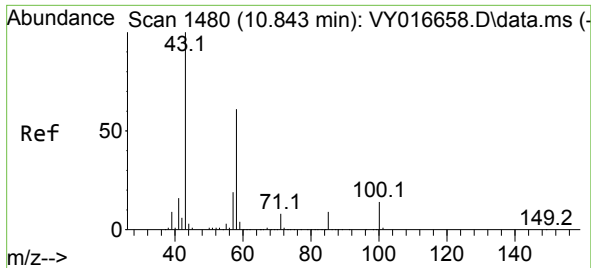
Tgt Ion: 63 Resp: 78010

Ion Ratio Lower Upper

63 100

106 29.3 21.2 31.8

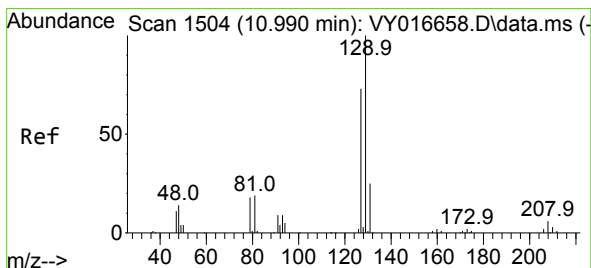
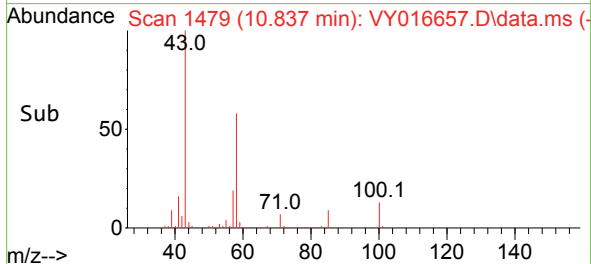
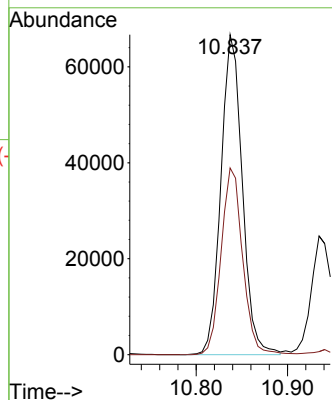
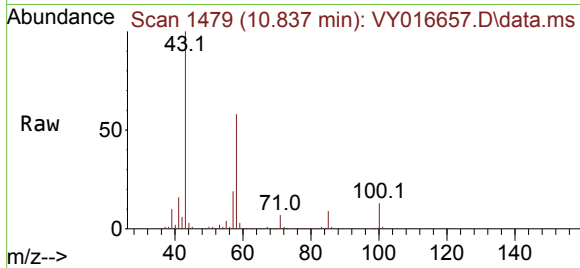




#59
2-Hexanone
Concen: 102.475 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

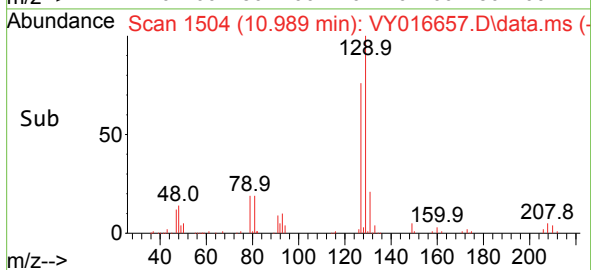
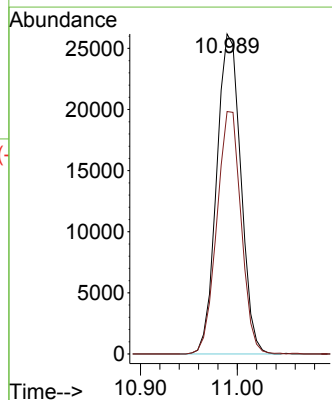
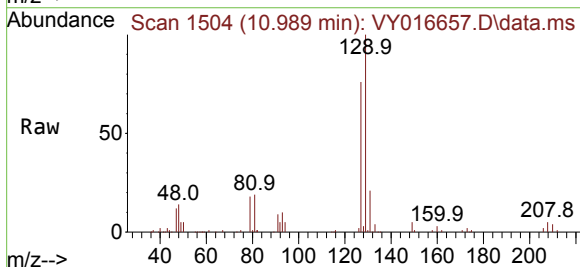
Instrument :
MSVOA_Y
ClientSampleId :

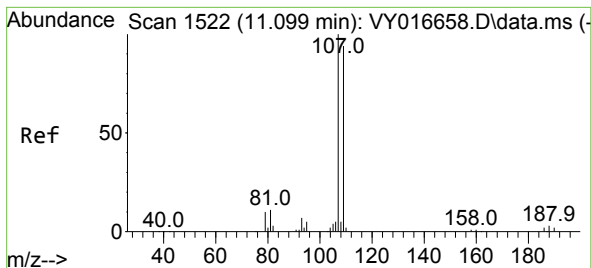
Tgt Ion: 43 Resp: 108552
Ion Ratio Lower Upper
43 100
58 58.9 25.1 75.3



#60
Dibromochloromethane
Concen: 21.643 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion:129 Resp: 45364
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

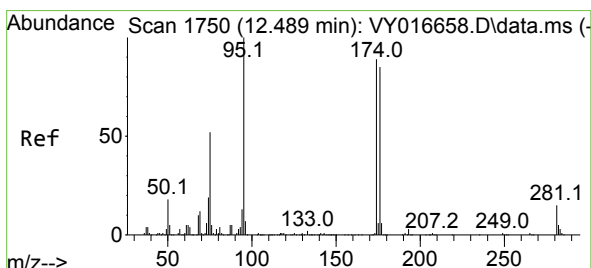
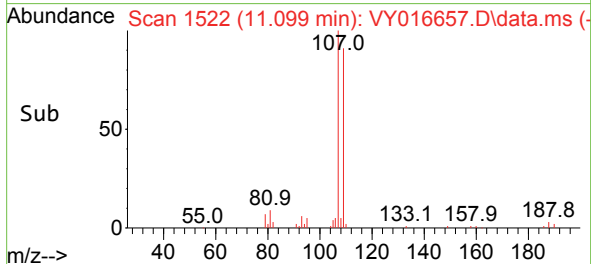
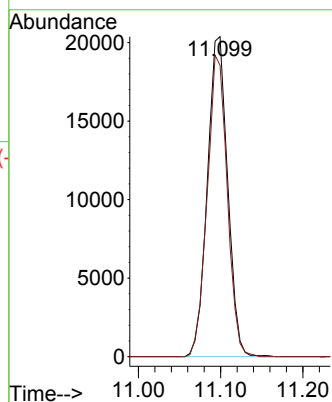
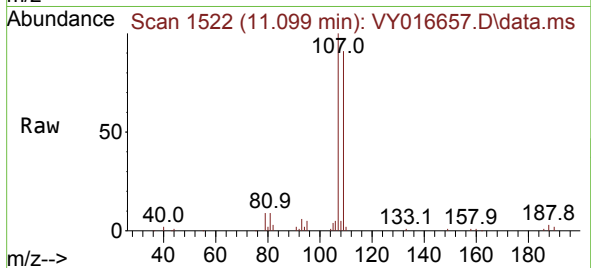




#61
1,2-Dibromoethane
Concen: 21.515 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

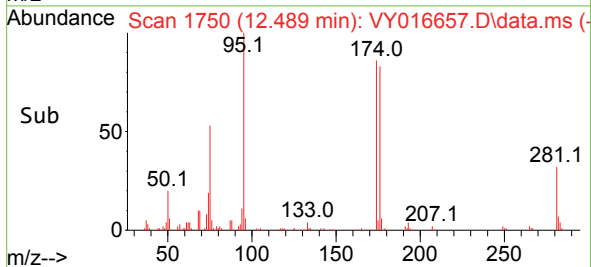
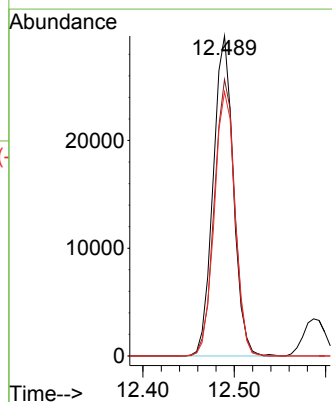
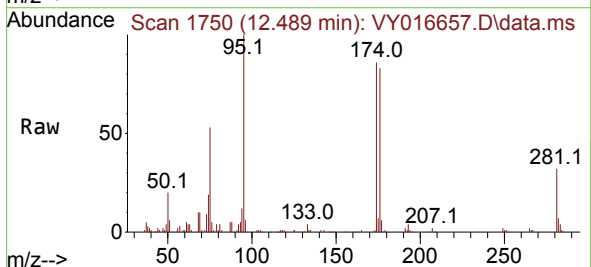
Instrument :
MSVOA_Y
ClientSampleId :

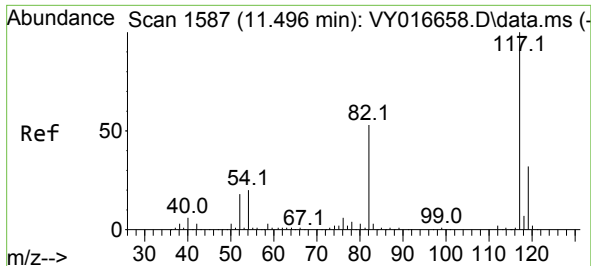
Tgt Ion:107 Resp: 34924
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 18.113 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

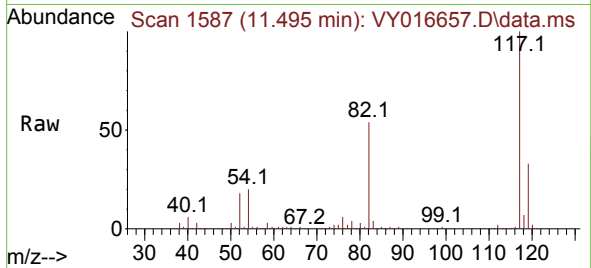
Tgt Ion: 95 Resp: 45555
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.2
176 84.8 0.0 173.8



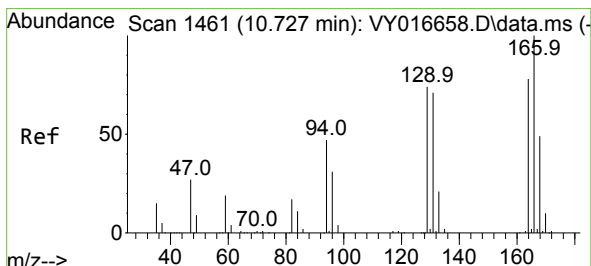
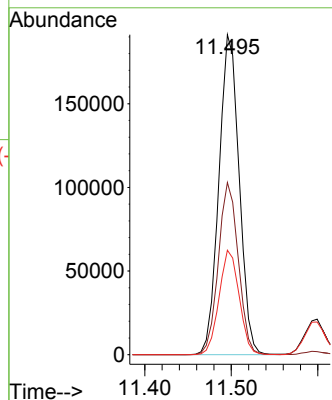
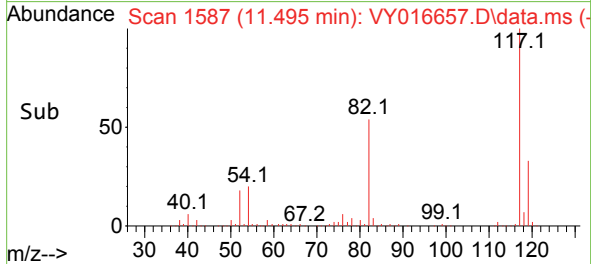


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

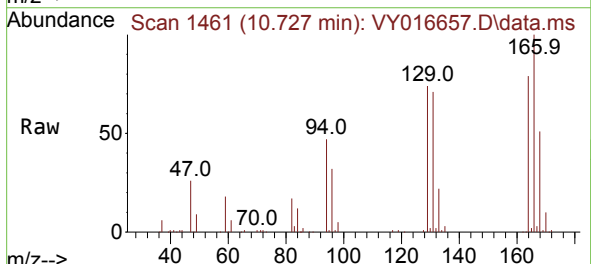
Instrument :
MSVOA_Y
ClientSampleId :



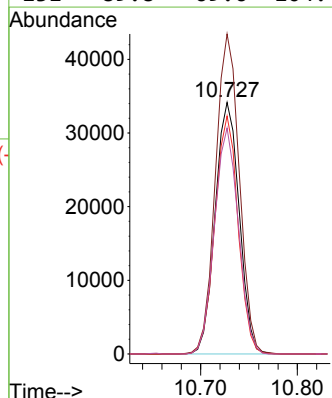
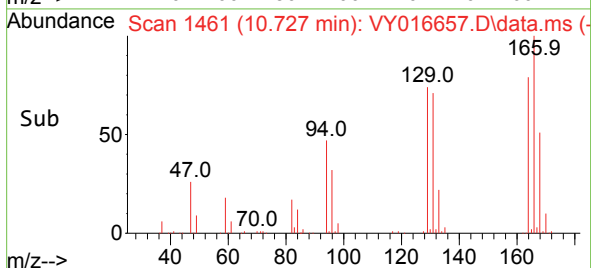
Tgt Ion:117 Resp: 311354
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.7 26.3 39.5

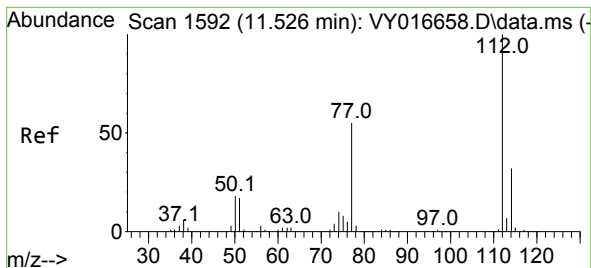


#64
Tetrachloroethene
Concen: 23.055 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14



Tgt Ion:164 Resp: 58810
Ion Ratio Lower Upper
164 100
166 127.2 103.0 154.6
129 94.6 77.2 115.8
131 89.8 69.6 104.4

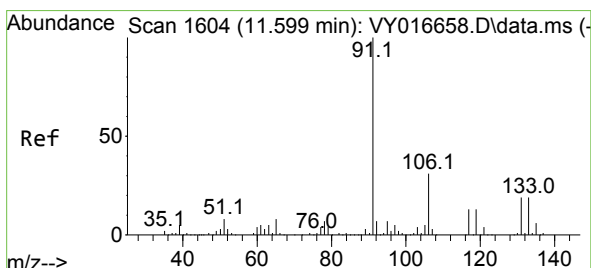
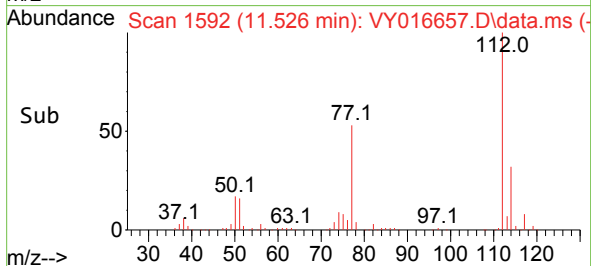
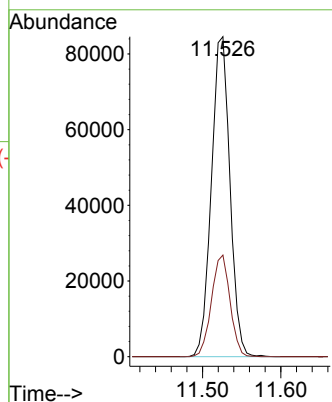
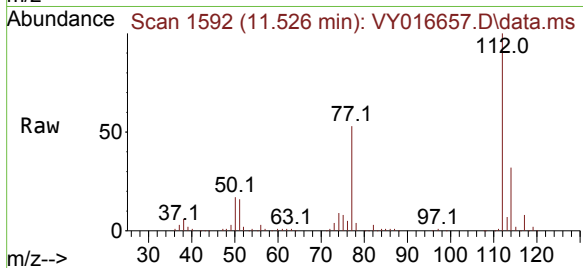




#65
Chlorobenzene
Concen: 22.920 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

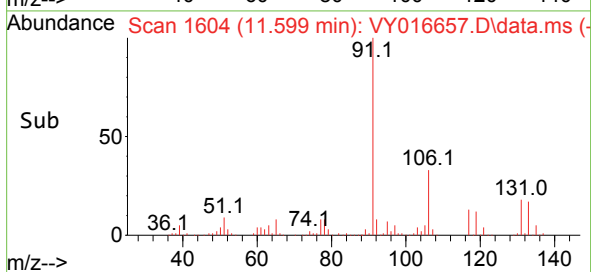
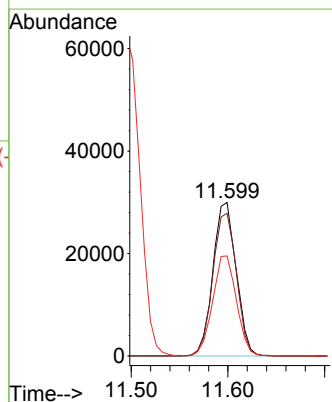
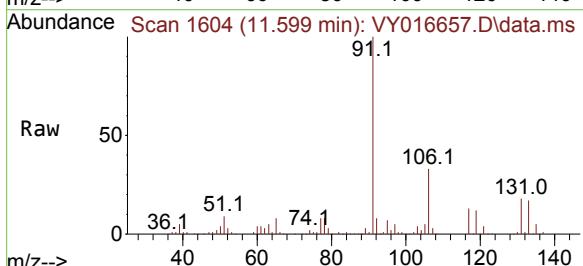
Instrument :
MSVOA_Y
ClientSampleId :

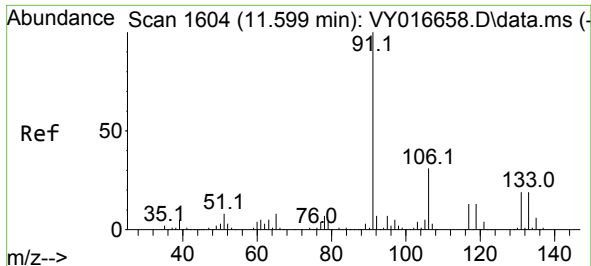
Tgt Ion:112 Resp: 139191
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.583 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion:131 Resp: 50157
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 66.4 31.6 94.7





#67

Ethyl Benzene

Concen: 22.908 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

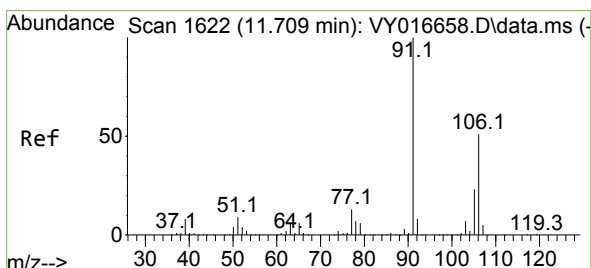
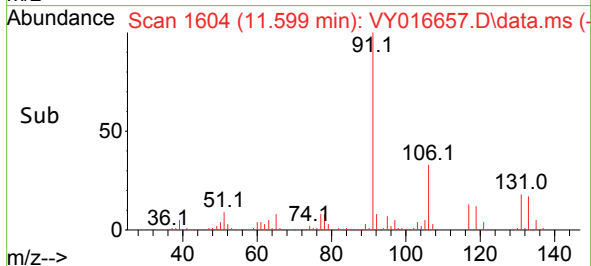
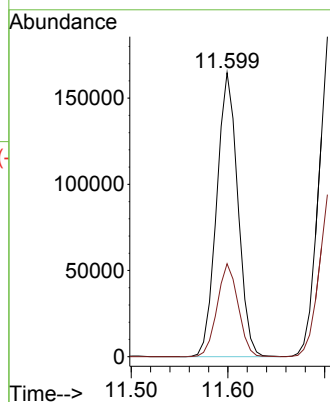
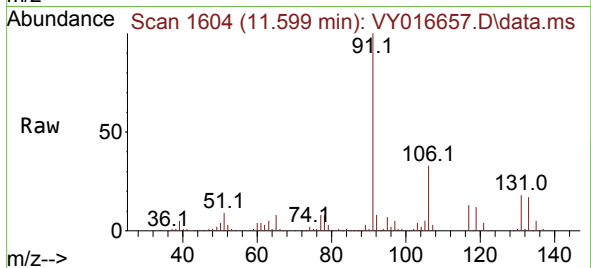
ClientSampleId :

Tgt Ion: 91 Resp: 250291

Ion Ratio Lower Upper

91 100

106 32.7 24.6 36.8



#68

m/p-Xylenes

Concen: 45.924 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016657.D

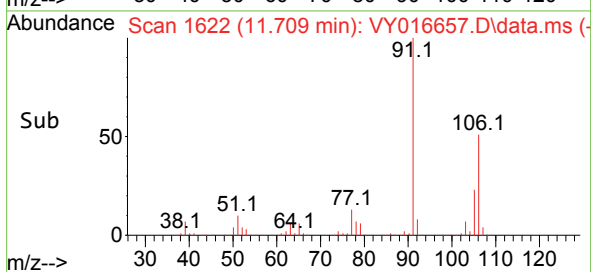
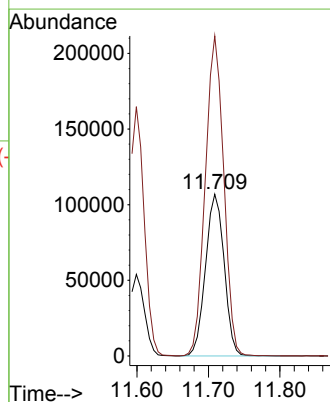
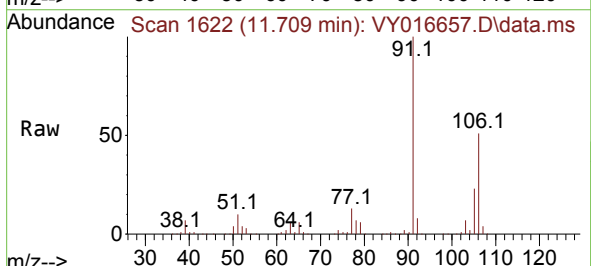
Acq: 15 Dec 2023 17:14

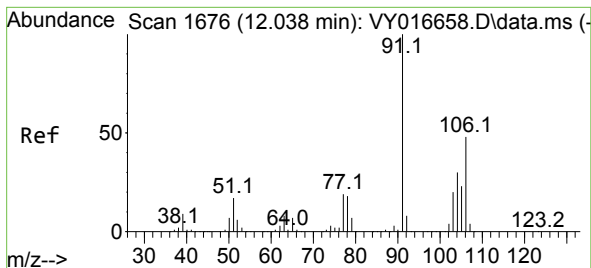
Tgt Ion:106 Resp: 193575

Ion Ratio Lower Upper

106 100

91 195.7 166.1 249.1





#69

o-Xylene

Concen: 22.695 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

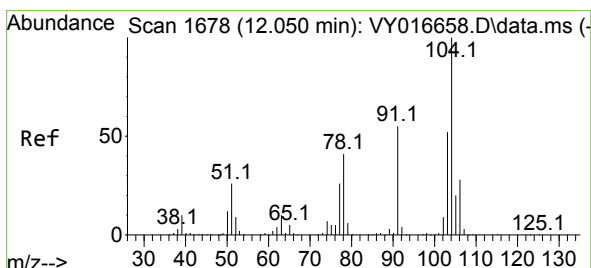
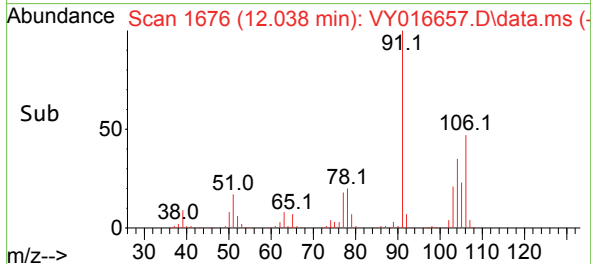
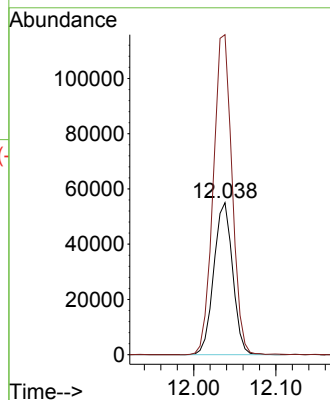
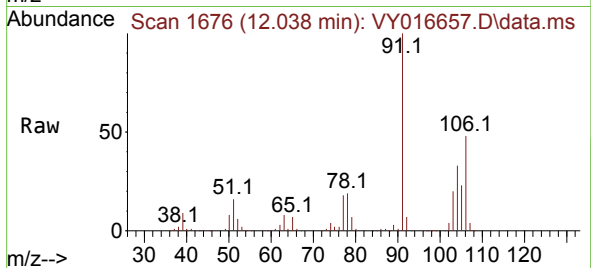
ClientSampleId :

Tgt Ion:106 Resp: 87500

Ion Ratio Lower Upper

106 100

91 210.8 108.1 324.3



#70

Styrene

Concen: 22.721 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

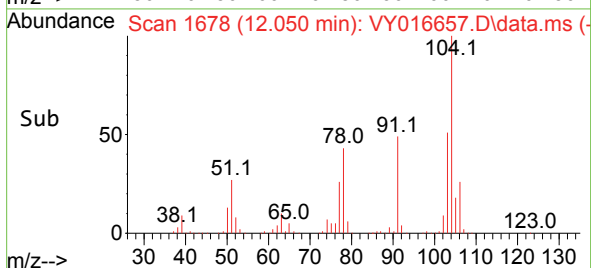
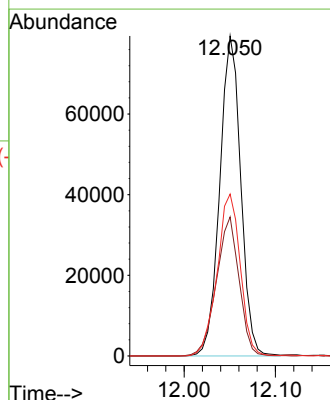
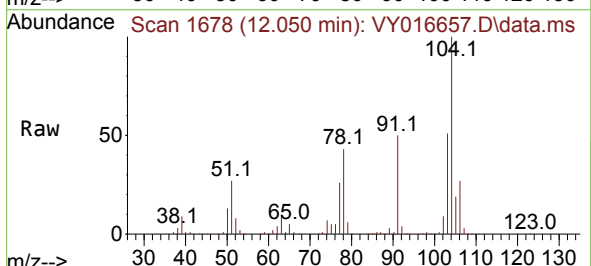
Tgt Ion:104 Resp: 126919

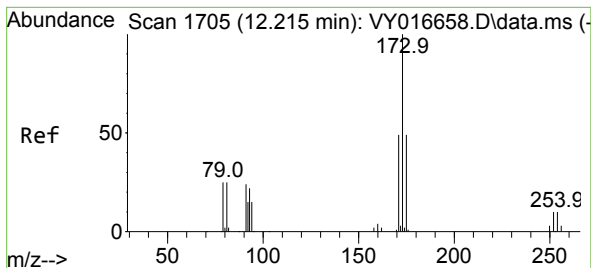
Ion Ratio Lower Upper

104 100

78 46.9 41.5 62.3

103 55.7 44.6 67.0





#71

Bromoform

Concen: 20.654 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

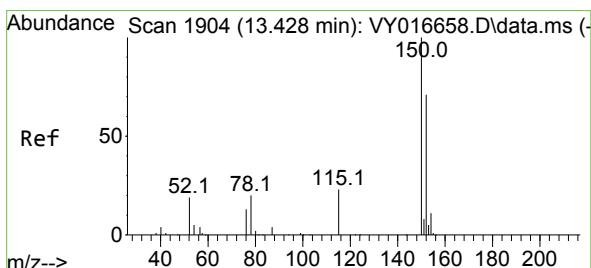
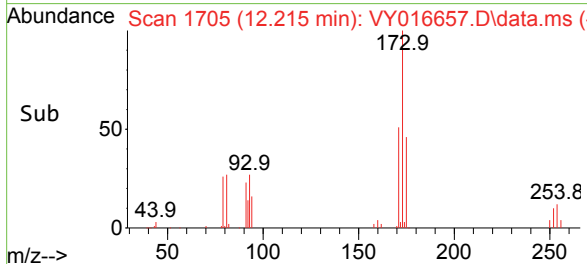
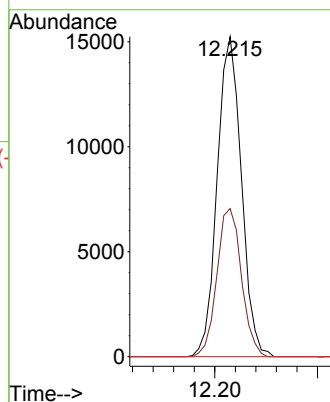
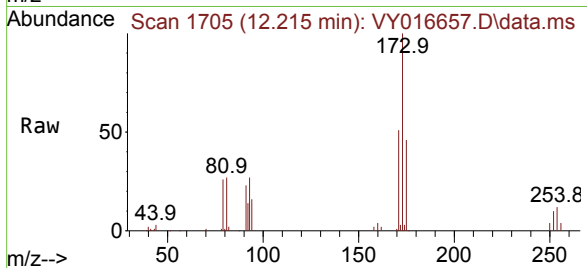
Tgt Ion:173 Resp: 24877

Ion Ratio Lower Upper

173 100

175 47.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

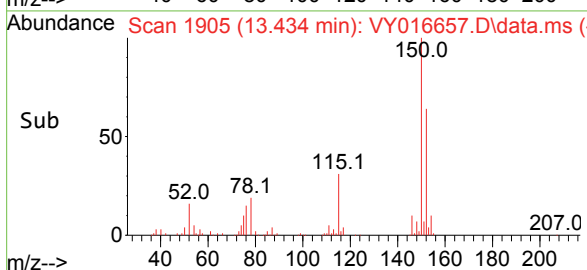
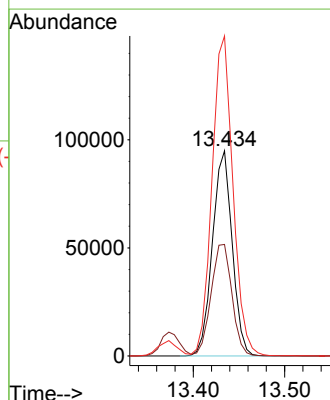
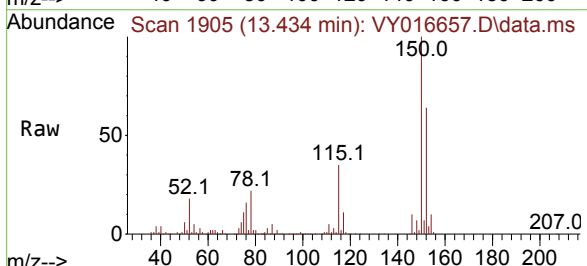
Tgt Ion:152 Resp: 142499

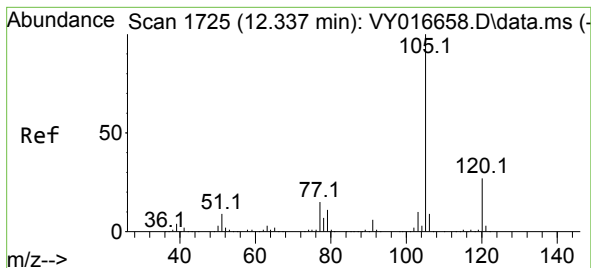
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 164.8 0.0 348.8





#73

Isopropylbenzene

Concen: 23.792 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

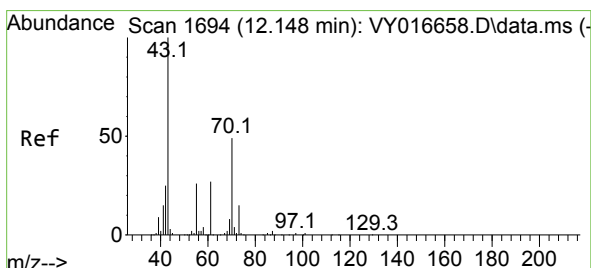
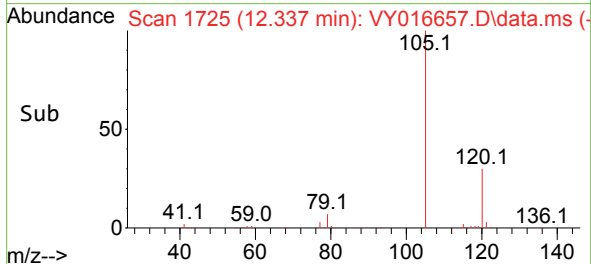
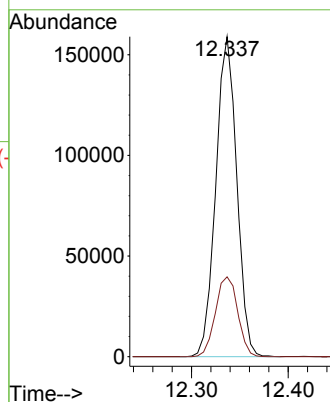
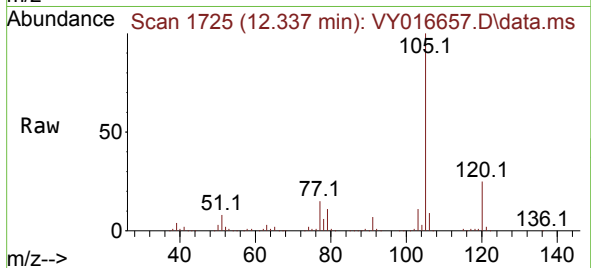
ClientSampleId :

Tgt Ion:105 Resp: 238468

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 21.261 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Tgt Ion: 43 Resp: 39942

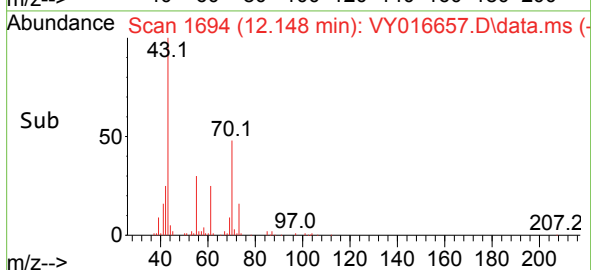
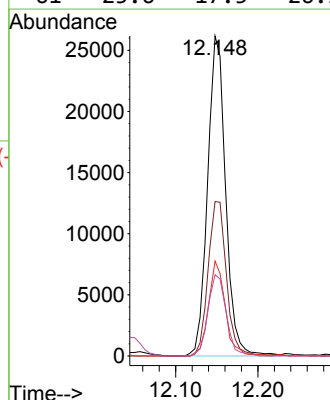
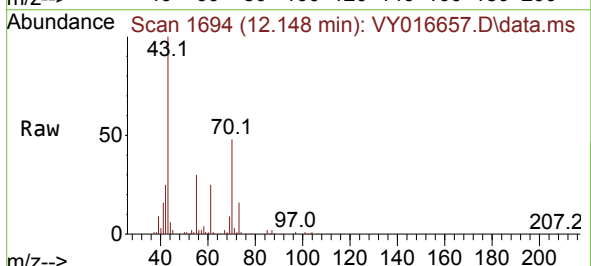
Ion Ratio Lower Upper

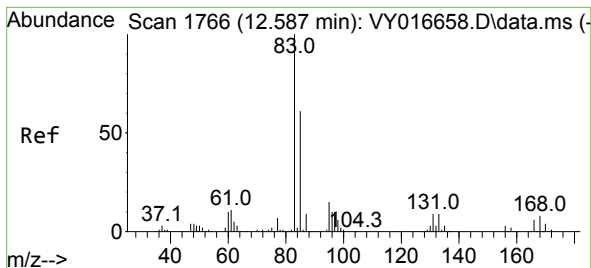
43 100

70 49.1 29.7 44.5#

55 27.7 18.3 27.5#

61 25.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.408 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

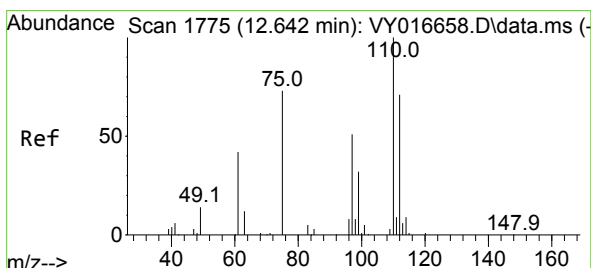
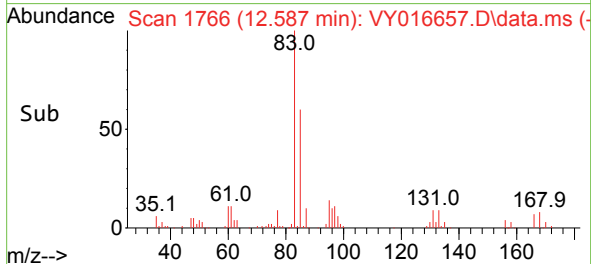
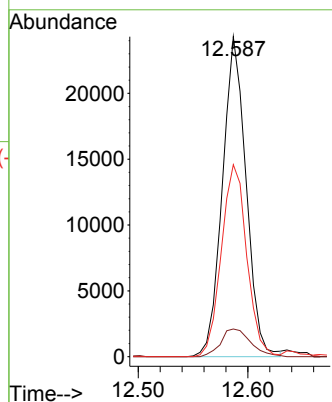
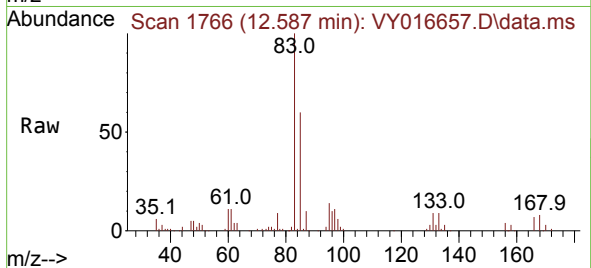
Tgt Ion: 83 Resp: 36505

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.647 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016657.D

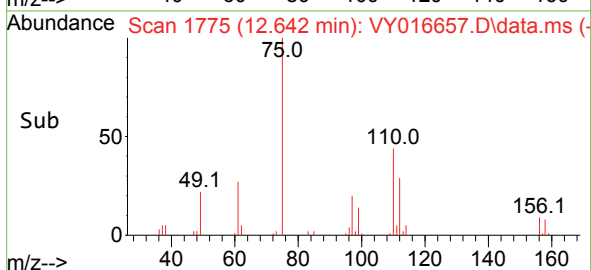
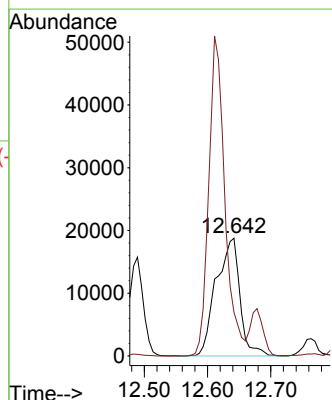
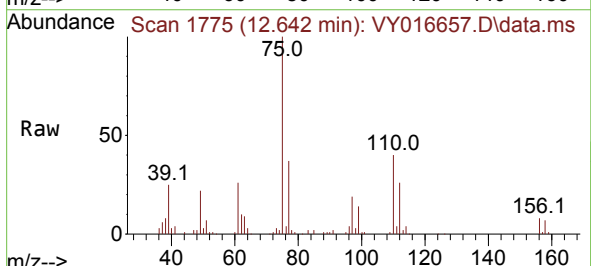
Acq: 15 Dec 2023 17:14

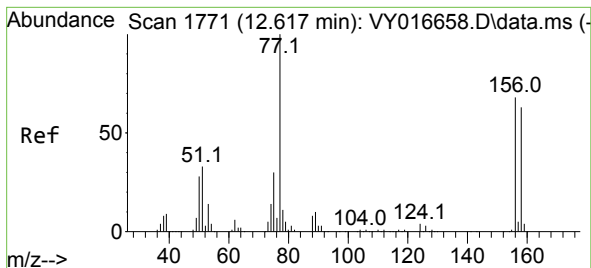
Tgt Ion: 75 Resp: 48919

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.332 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

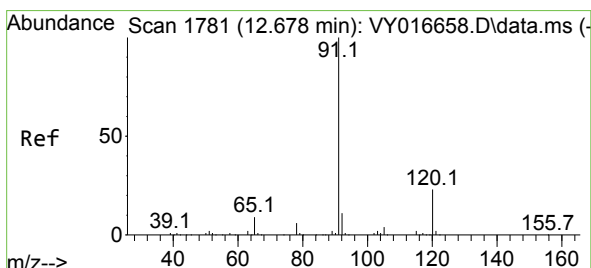
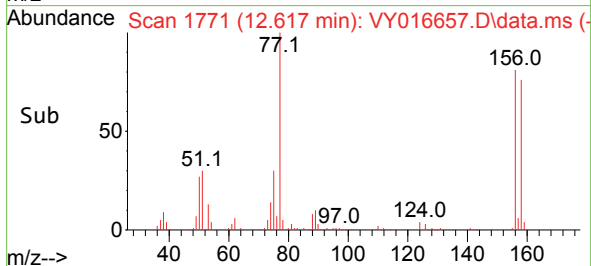
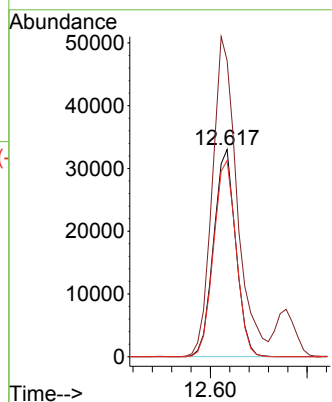
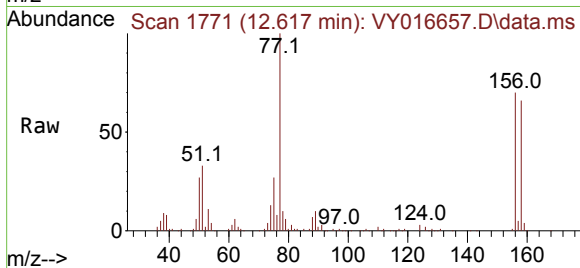
Tgt Ion:156 Resp: 52444

Ion Ratio Lower Upper

156 100

77 172.9 92.8 278.6

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 23.656 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016657.D

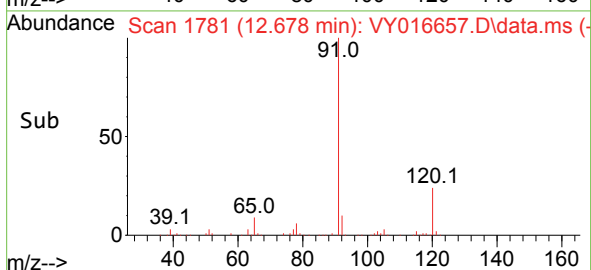
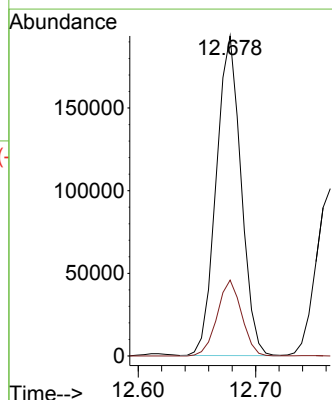
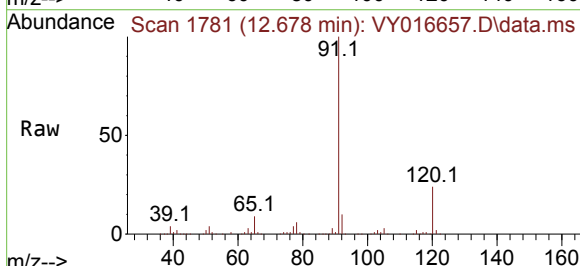
Acq: 15 Dec 2023 17:14

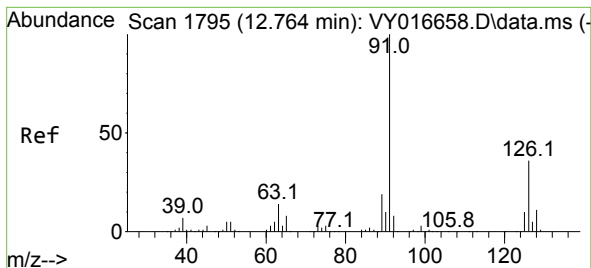
Tgt Ion: 91 Resp: 283407

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

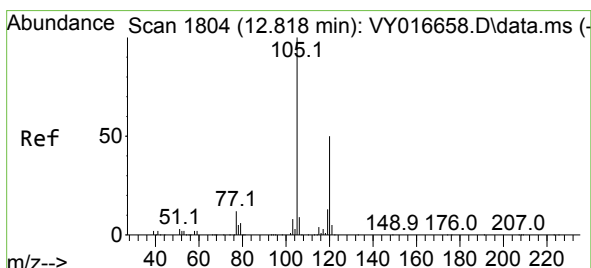
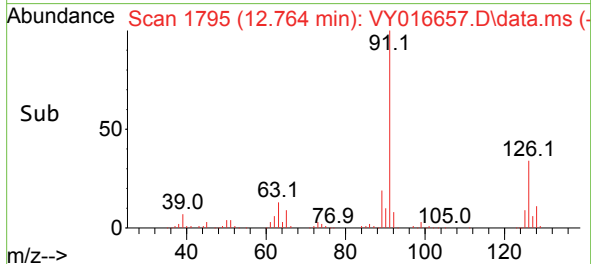
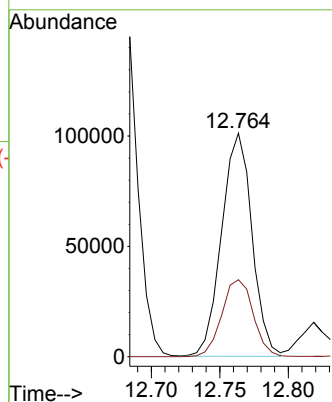
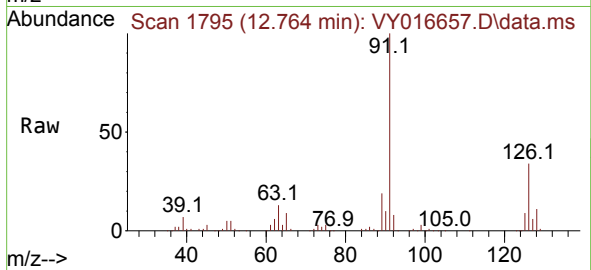




#79
2-Chlorotoluene
Concen: 23.742 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

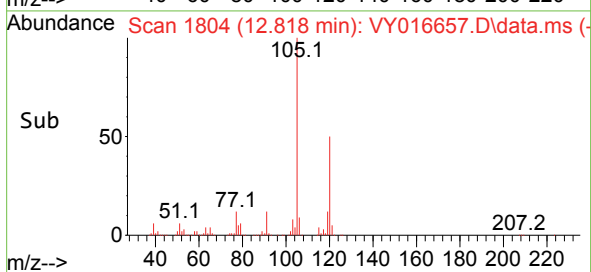
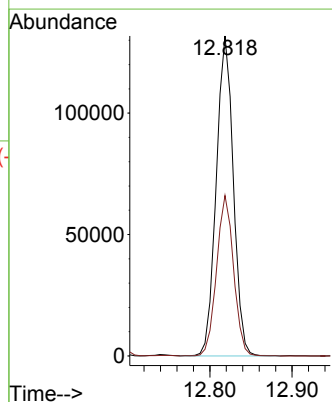
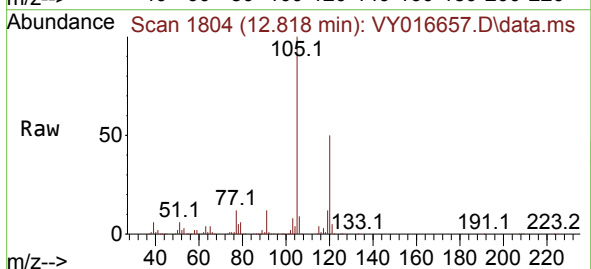
Instrument :
MSVOA_Y
ClientSampleId :

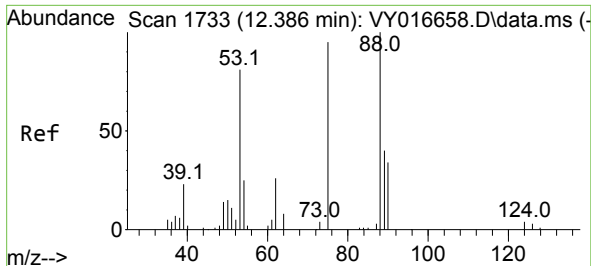
Tgt Ion: 91 Resp: 156197
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 23.737 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 105 Resp: 190242
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7

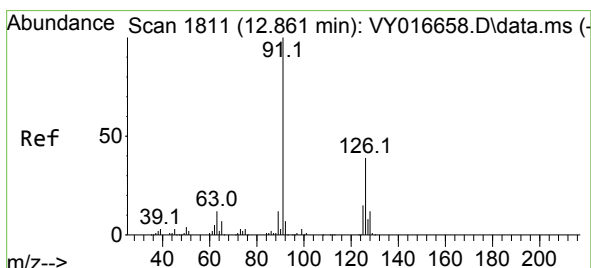
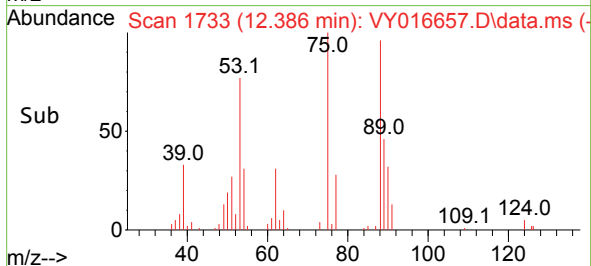
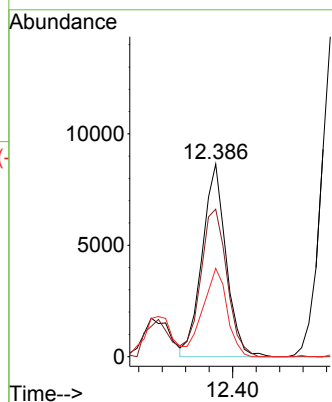
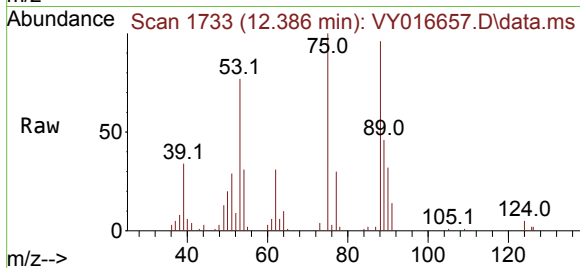




#81
trans-1,4-Dichloro-2-butene
Concen: 21.337 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

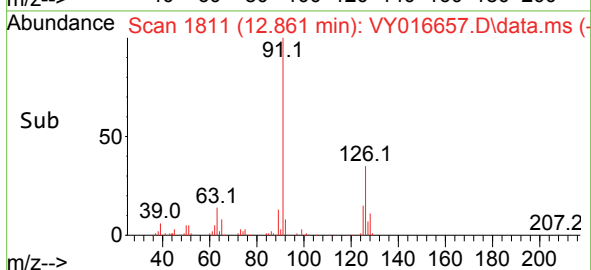
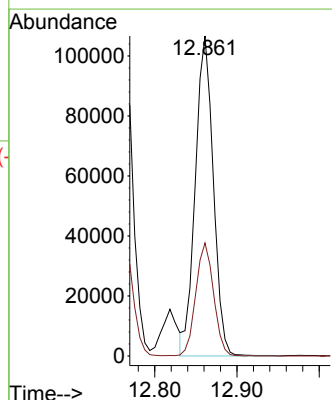
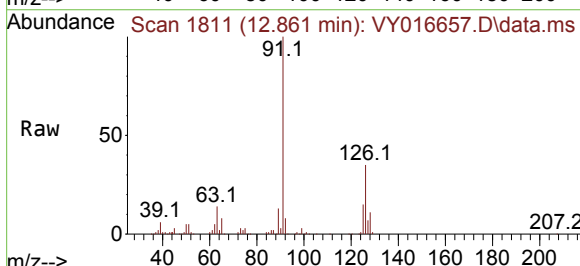
Instrument :
MSVOA_Y
ClientSampleId :

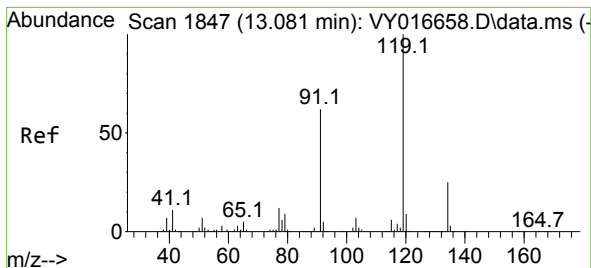
Tgt Ion: 75 Resp: 12187
Ion Ratio Lower Upper
75 100
53 84.5 77.8 116.8
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 23.831 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion: 91 Resp: 162125
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 23.357 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

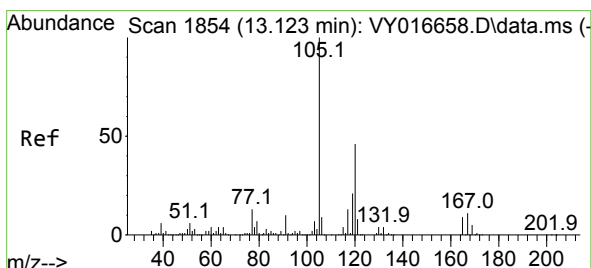
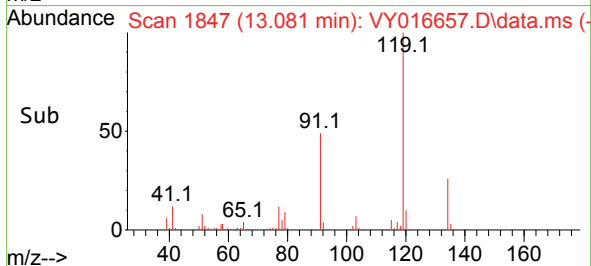
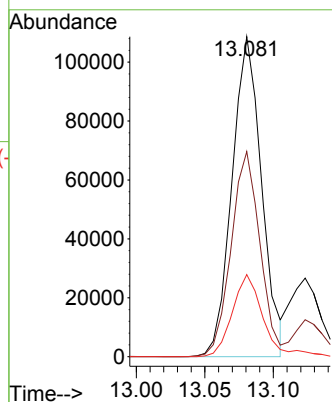
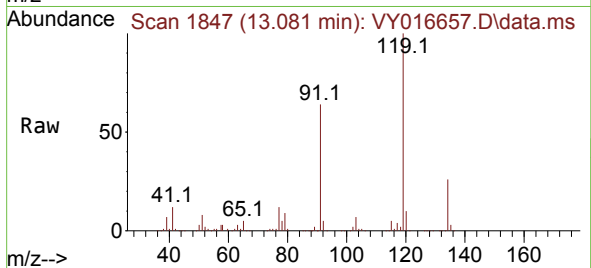
Tgt Ion:119 Resp: 163340

Ion Ratio Lower Upper

119 100

91 62.4 32.9 98.6

134 26.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 23.535 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY016657.D

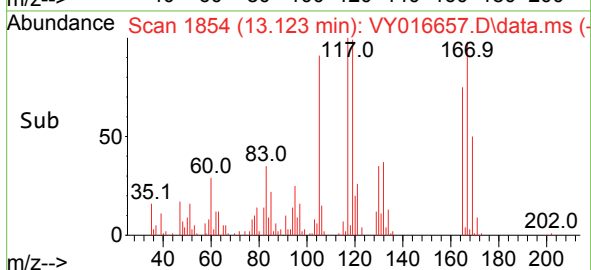
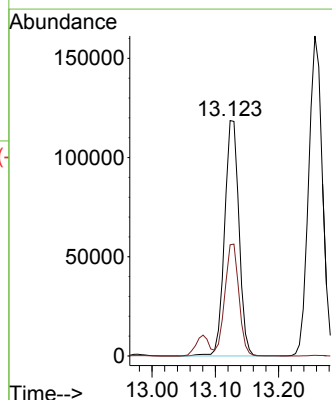
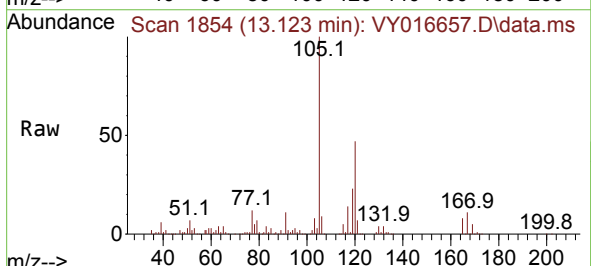
Acq: 15 Dec 2023 17:14

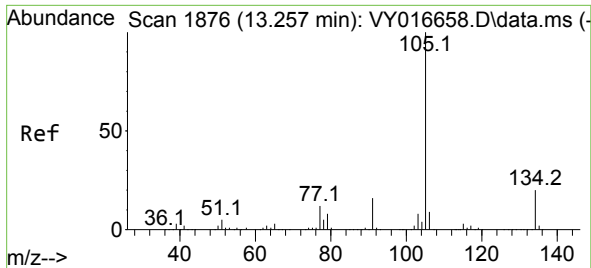
Tgt Ion:105 Resp: 187067

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6

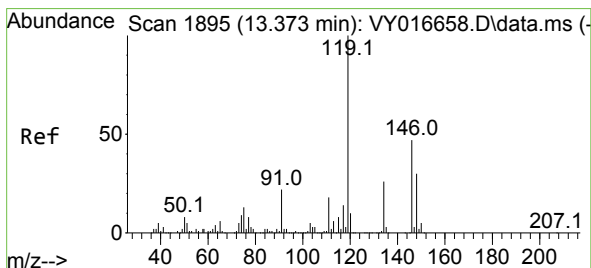
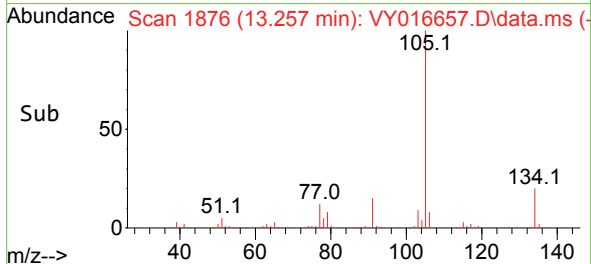
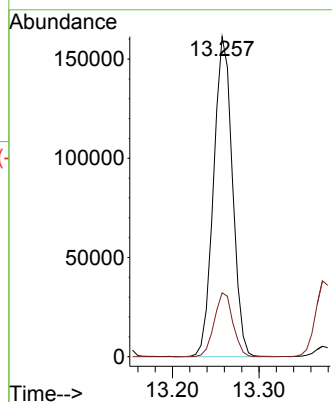
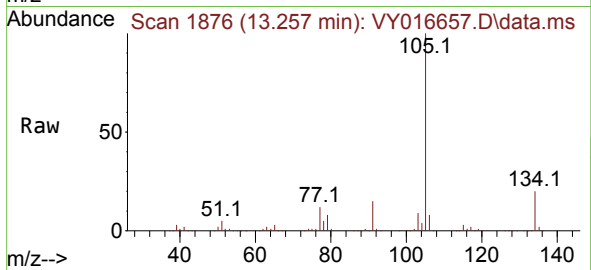




#85
 sec-Butylbenzene
 Concen: 23.744 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY016657.D
 Acq: 15 Dec 2023 17:14

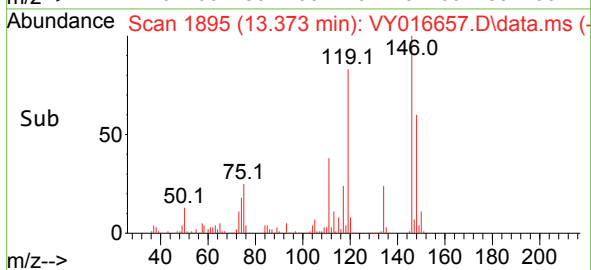
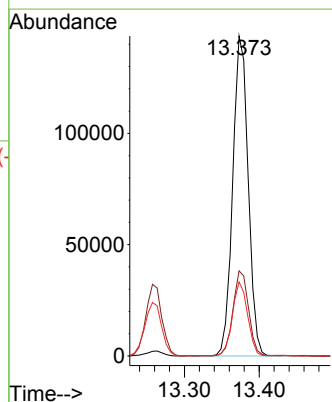
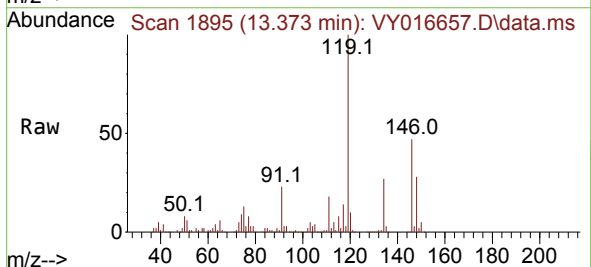
Instrument :
 MSVOA_Y
 ClientSampleId :

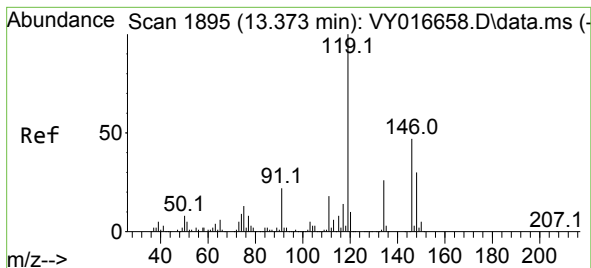
Tgt Ion:105 Resp: 243649
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 23.638 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY016657.D
 Acq: 15 Dec 2023 17:14

Tgt Ion:119 Resp: 207094
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 22.630 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

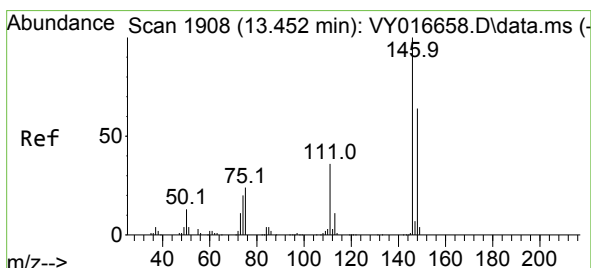
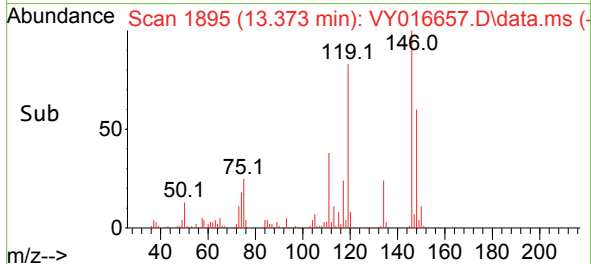
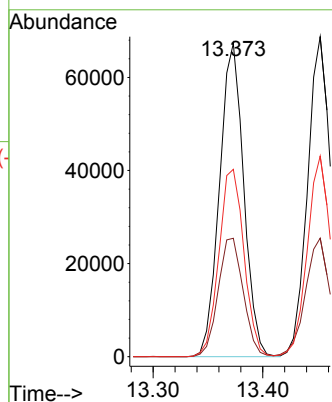
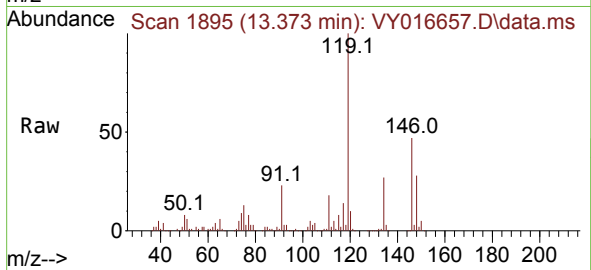
Tgt Ion:146 Resp: 103287

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 62.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 22.843 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

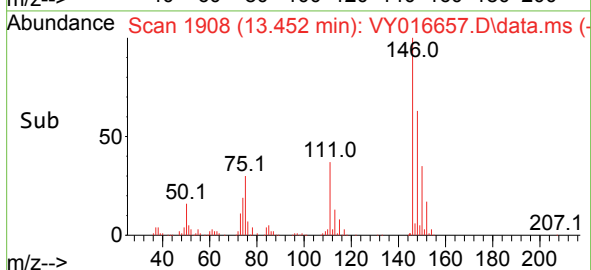
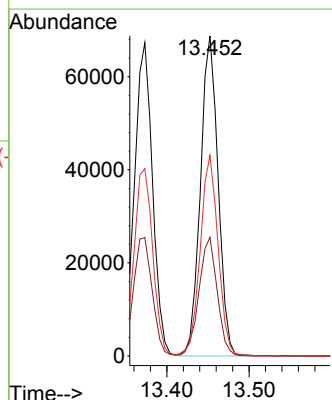
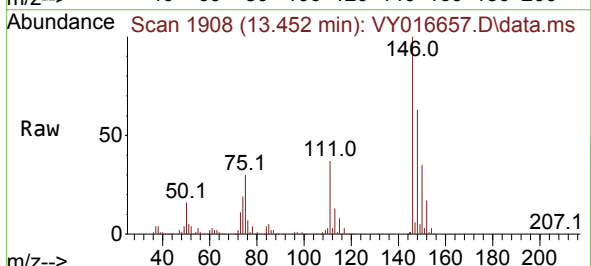
Tgt Ion:146 Resp: 102519

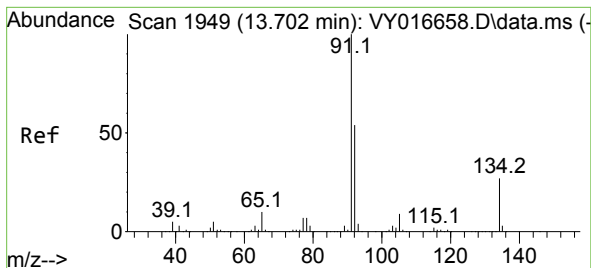
Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 23.808 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

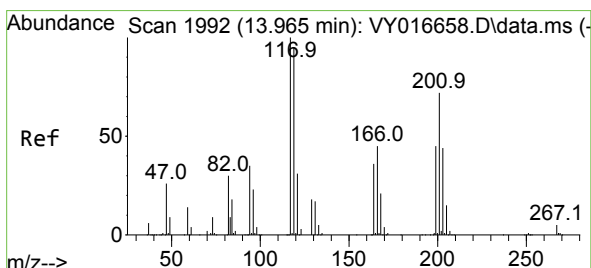
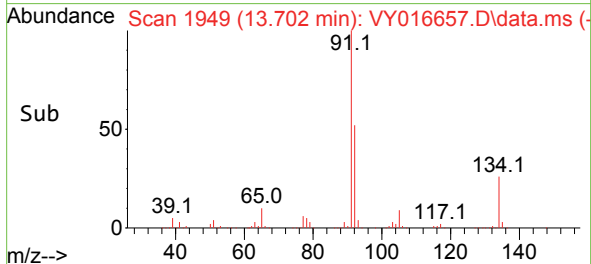
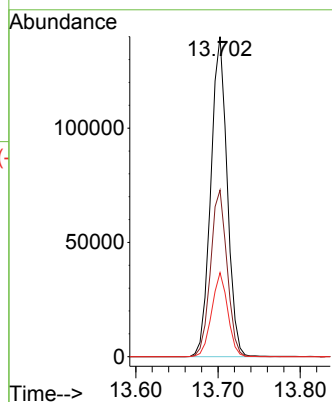
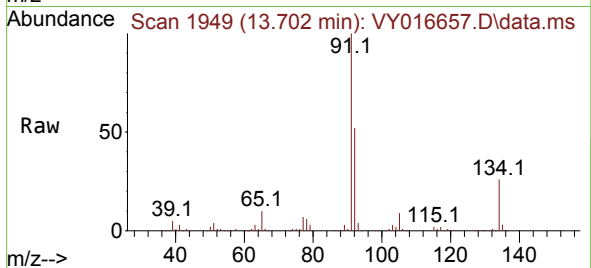
Tgt Ion: 91 Resp: 193769

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 23.219 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VY016657.D

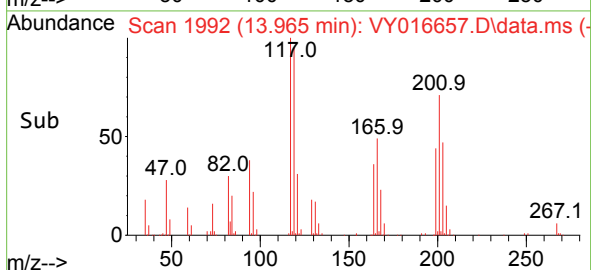
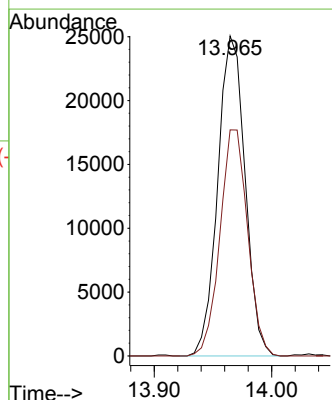
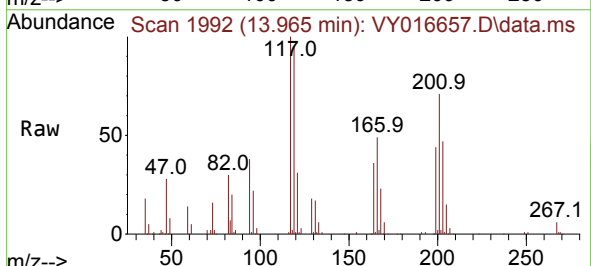
Acq: 15 Dec 2023 17:14

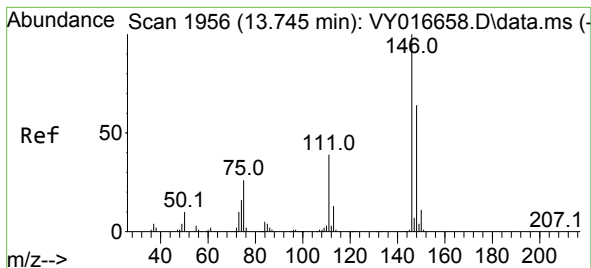
Tgt Ion: 117 Resp: 40490

Ion Ratio Lower Upper

117 100

201 71.7 41.6 124.8

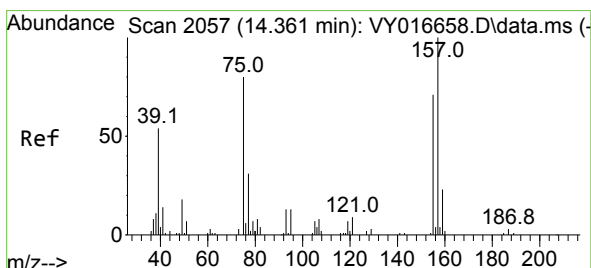
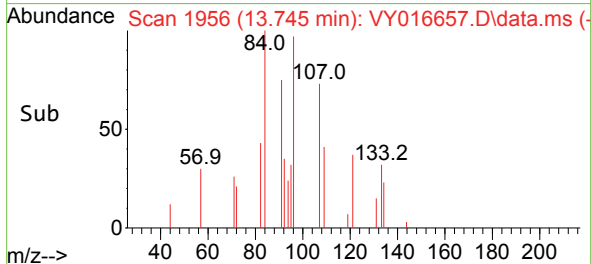
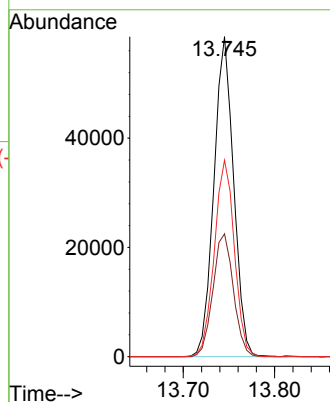
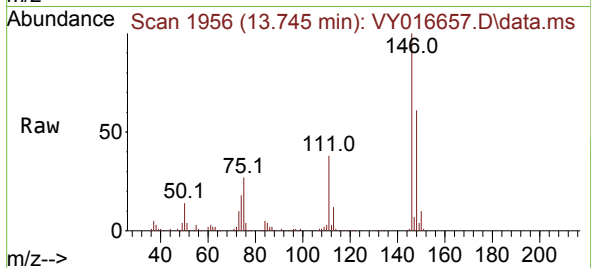




#91
1,2-Dichlorobenzene
Concen: 22.418 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

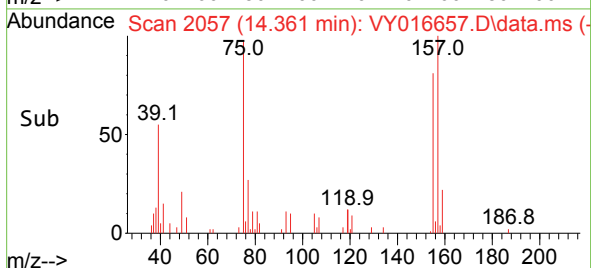
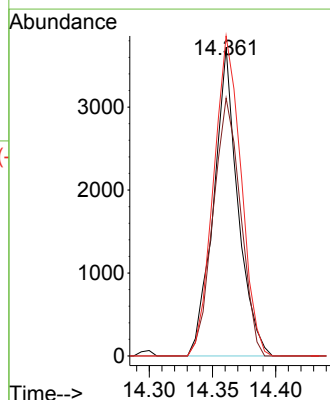
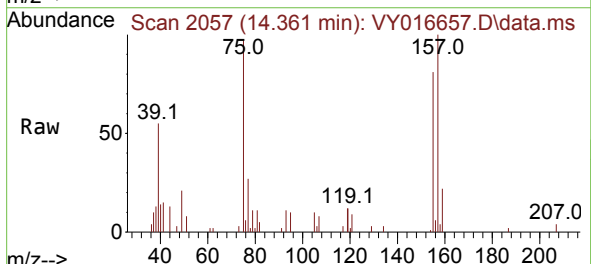
Instrument :
MSVOA_Y
ClientSampleId :

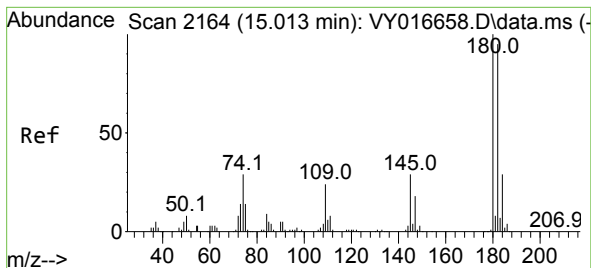
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.0
148	62.6	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.121 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY016657.D
Acq: 15 Dec 2023 17:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	41.5	124.6
157	117.2	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.264 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

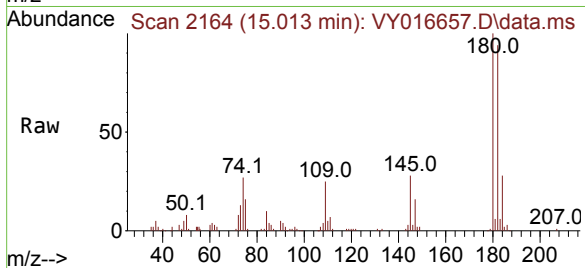
Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :



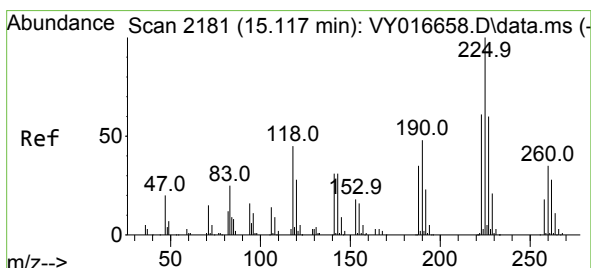
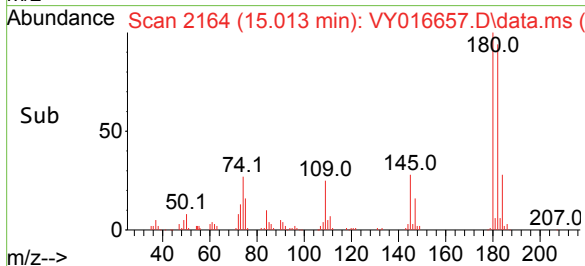
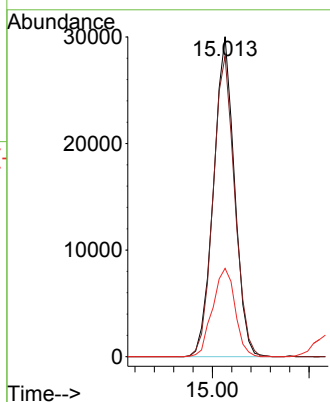
Tgt Ion:180 Resp: 44983

Ion Ratio Lower Upper

180 100

182 96.8 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.961 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

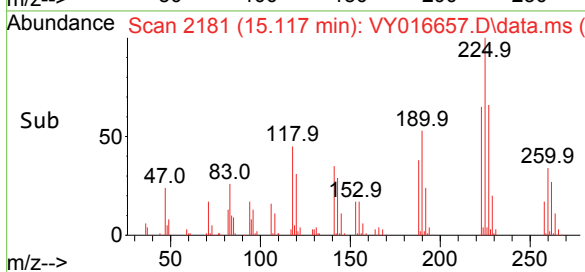
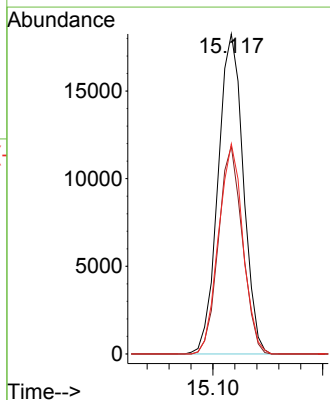
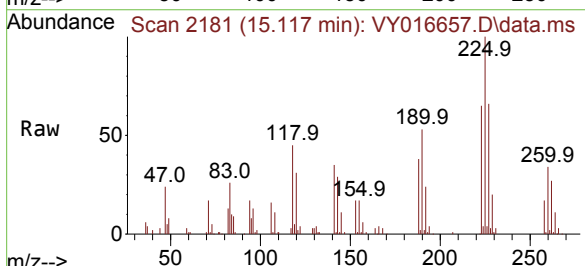
Tgt Ion:225 Resp: 29155

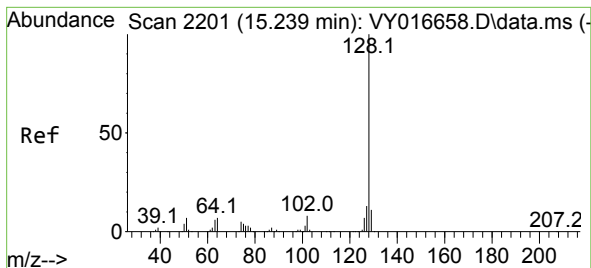
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 21.342 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016657.D

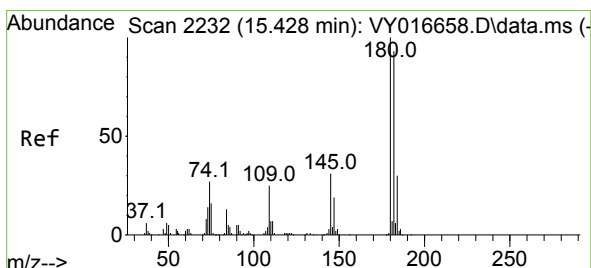
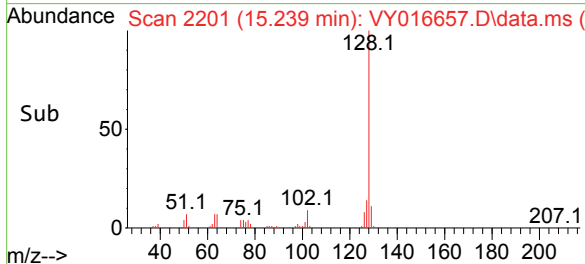
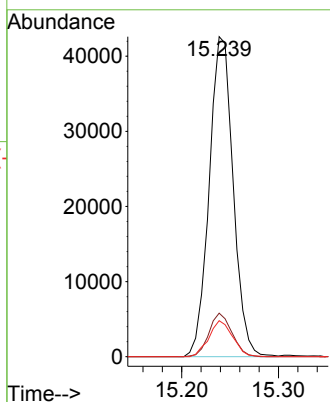
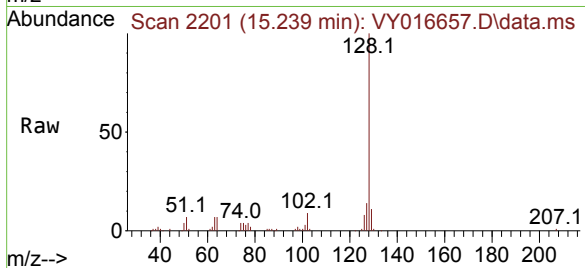
Acq: 15 Dec 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	73307
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.8 16.2
129	11.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.718 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY016657.D

Acq: 15 Dec 2023 17:14

Tgt Ion:180	Resp:	36130
Ion Ratio	Lower	Upper
180	100	
182	95.0	47.3 141.8
145	31.6	15.4 46.2

