

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
 Data File : VY016656.D
 Acq On : 15 Dec 2023 15:50
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 00:07:09 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	7.801	168	201335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	282056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	126947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12803	8.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	16.120%#
35) Dibromofluoromethane	7.722	113	15341	8.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	17.540%#
50) Toluene-d8	10.191	98	46116	8.479	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	16.960%#
62) 4-Bromofluorobenzene	12.489	95	18965	8.457	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	16.920%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16344	10.416	ug/l	90
3) Chloromethane	2.119	50	26700	10.919	ug/l	98
4) Vinyl Chloride	2.259	62	30141	10.738	ug/l	95
5) Bromomethane	2.662	94	21784	10.843	ug/l	95
6) Chloroethane	2.802	64	19576	10.722	ug/l	96
7) Trichlorofluoromethane	3.131	101	34434	10.983	ug/l	99
8) Diethyl Ether	3.534	74	10065	10.277	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	21063	10.863	ug/l	94
10) Methyl Iodide	4.101	142	19445	9.636	ug/l	96
11) Tert butyl alcohol	4.954	59	8481	63.829	ug/l	99
12) 1,1-Dichloroethene	3.881	96	19863	10.866	ug/l	89
13) Acrolein	3.735	56	7916	67.013	ug/l	100
14) Allyl chloride	4.491	41	26229	10.583	ug/l #	94
15) Acrylonitrile	5.180	53	21988	53.952	ug/l	99
16) Acetone	3.948	43	33063	64.035	ug/l	94
17) Carbon Disulfide	4.204	76	62327	10.781	ug/l	99
18) Methyl Acetate	4.485	43	16816	10.936	ug/l #	87
19) Methyl tert-butyl Ether	5.228	73	43780	10.215	ug/l	97
20) Methylene Chloride	4.729	84	31050	10.935	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	22404	10.520	ug/l	93
22) Diisopropyl ether	6.131	45	55435	10.437	ug/l #	92
23) Vinyl Acetate	6.070	43	137343	52.477	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	37978	10.957	ug/l	94
25) 2-Butanone	6.996	43	41648	64.389	ug/l	96
26) 2,2-Dichloropropane	6.990	77	32522	10.568	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	24271	10.553	ug/l	91
28) Bromochloromethane	7.344	49	9537	10.198	ug/l	98
29) Tetrahydrofuran	7.362	42	17483	54.621	ug/l #	90
30) Chloroform	7.515	83	38663	10.726	ug/l	94
31) Cyclohexane	7.795	56	36726	11.298	ug/l #	80
32) 1,1,1-Trichloroethane	7.710	97	34901	10.792	ug/l	98
36) 1,1-Dichloropropene	7.929	75	30794	10.624	ug/l	99
37) Ethyl Acetate	7.088	43	13280	11.118	ug/l #	94
38) Carbon Tetrachloride	7.911	117	30378	10.434	ug/l	93
39) Methylcyclohexane	9.191	83	37040	10.168	ug/l	93
40) Benzene	8.173	78	89528	10.539	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	16448	25.932	ug/l #	17
42) 1,2-Dichloroethane	8.246	62	23241	10.705	ug/l	94
43) Isopropyl Acetate	8.283	43	23370	10.646	ug/l	93
44) Trichloroethene	8.947	130	25251	10.673	ug/l	97
45) 1,2-Dichloropropane	9.222	63	20727	10.444	ug/l	99
46) Dibromomethane	9.313	93	11274	10.272	ug/l	99
47) Bromodichloromethane	9.508	83	28914	10.427	ug/l	99
48) Methyl methacrylate	9.301	41	12757	10.495	ug/l	88
49) 1,4-Dioxane	9.313	88	2527	214.945	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	60791	52.802	ug/l	91
52) Toluene	10.252	92	54151	10.177	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	26932	10.295	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	31958	10.161	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	16132	10.461	ug/l	98
56) Ethyl methacrylate	10.520	69	12627	9.444	ug/l #	89
57) 1,3-Dichloropropane	10.801	76	26945	10.499	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	36979	50.607	ug/l	94
59) 2-Hexanone	10.843	43	59062	62.530	ug/l	90
60) Dibromochloromethane	10.996	129	19480	10.423	ug/l	100
61) 1,2-Dibromoethane	11.099	107	15237	10.528	ug/l	97
64) Tetrachloroethene	10.727	164	24080	10.421	ug/l	95
65) Chlorobenzene	11.526	112	57678	10.484	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	20242	10.060	ug/l	95
67) Ethyl Benzene	11.599	91	99587	10.062	ug/l	98
68) m/p-Xylenes	11.709	106	76482	20.030	ug/l	93
69) o-Xylene	12.038	106	34967	10.012	ug/l	93
70) Styrene	12.050	104	49969	9.875	ug/l	96
71) Bromoform	12.215	173	10919	10.007	ug/l #	98
73) Isopropylbenzene	12.337	105	91862	10.288	ug/l	100
74) N-amyl acetate	12.148	43	17169	10.259	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.587	83	17306	11.392	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	21983	18.990	ug/l #	100
77) Bromobenzene	12.617	156	21475	10.265	ug/l	96
78) n-propylbenzene	12.678	91	109855	10.293	ug/l	100
79) 2-Chlorotoluene	12.764	91	61484	10.491	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	72532	10.159	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	5453	10.716	ug/l	93
82) 4-Chlorotoluene	12.861	91	62753	10.354	ug/l	97
83) tert-Butylbenzene	13.081	119	62388	10.014	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	71091	10.040	ug/l	98
85) sec-Butylbenzene	13.264	105	94360	10.322	ug/l	100
86) p-Isopropyltoluene	13.379	119	77347	9.910	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	41319	10.162	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	41287	10.326	ug/l	96
89) n-Butylbenzene	13.703	91	73320	10.112	ug/l	99
90) Hexachloroethane	13.971	117	16279	10.479	ug/l	87
91) 1,2-Dichlorobenzene	13.745	146	35932	10.299	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2370	10.779	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	17242	9.149	ug/l	96
94) Hexachlorobutadiene	15.117	225	11800	10.431	ug/l	97
95) Naphthalene	15.245	128	28806	9.534	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	14085	9.066	ug/l	99

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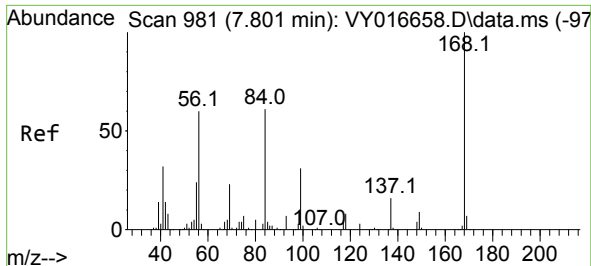
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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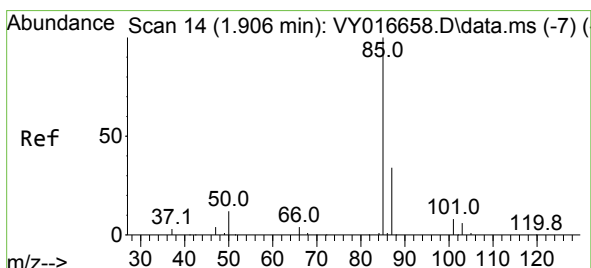
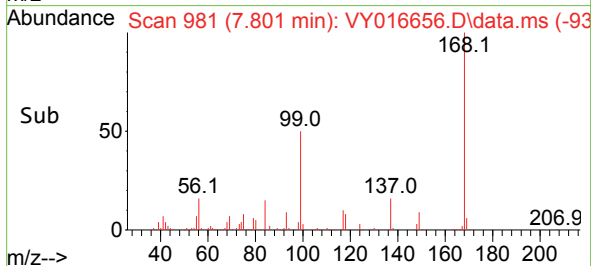
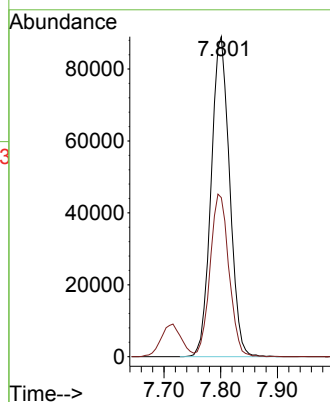
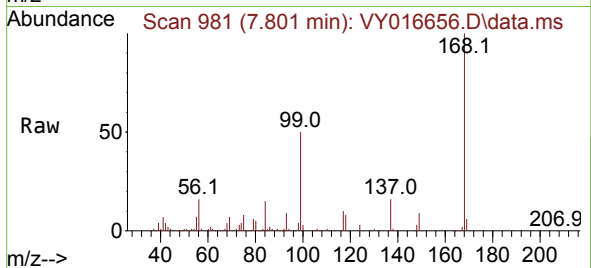




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016656.D
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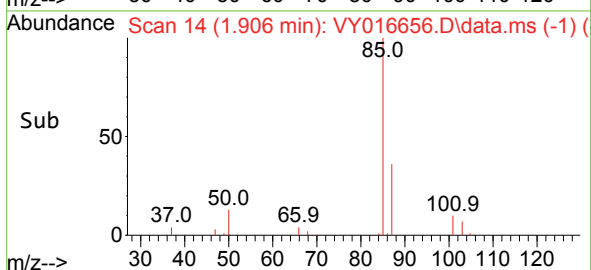
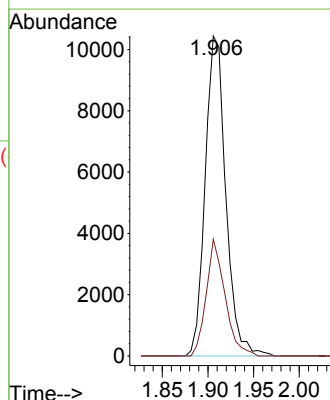
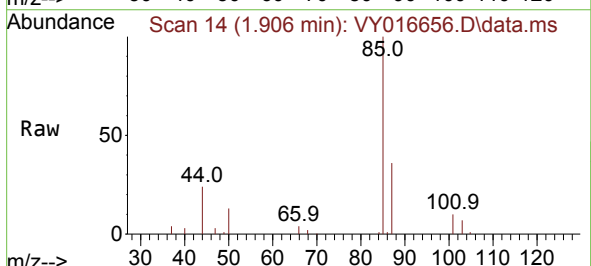
Instrument :
MSVOA_Y
ClientSampleId :

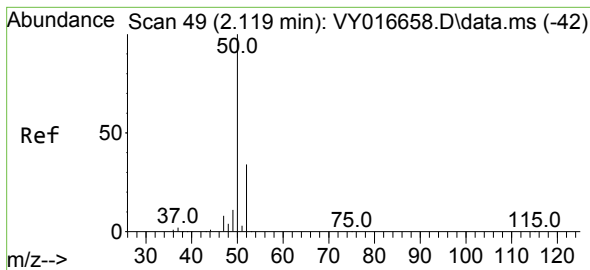
Tgt Ion:168 Resp: 201335
Ion Ratio Lower Upper
168 100
99 49.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 10.416 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 85 Resp: 16344
Ion Ratio Lower Upper
85 100
87 36.5 15.6 46.8





#3

Chloromethane

Concen: 10.919 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

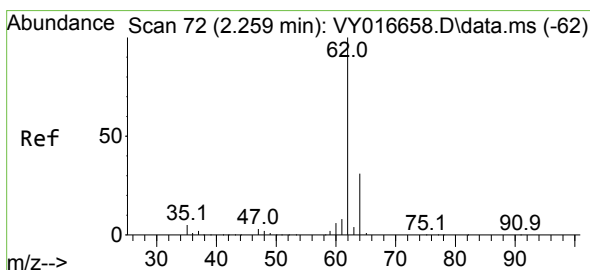
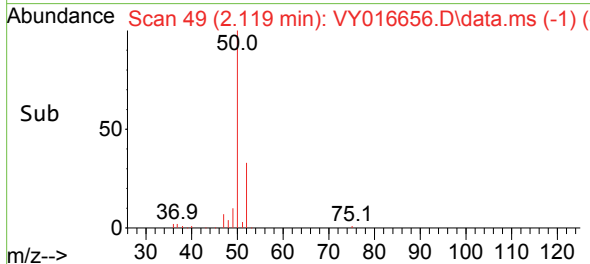
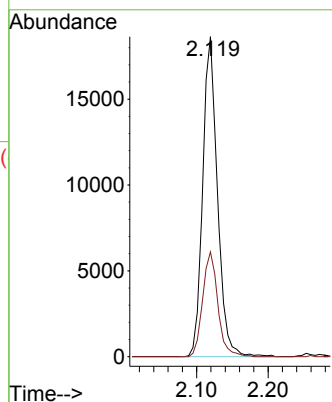
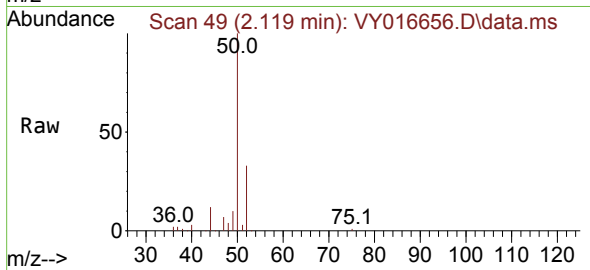
ClientSampleId :

Tgt Ion: 50 Resp: 26700

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 10.738 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016656.D

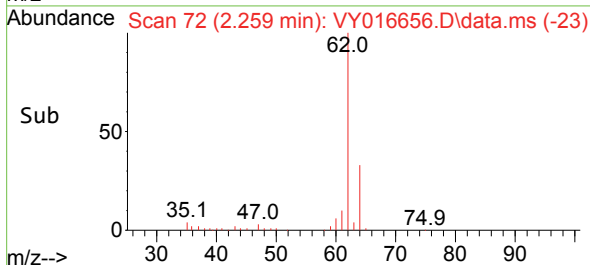
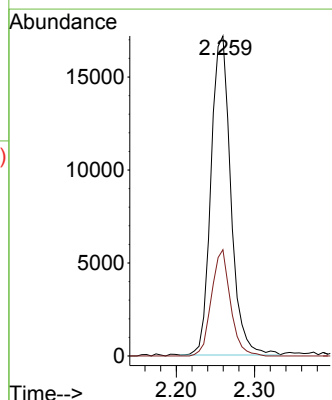
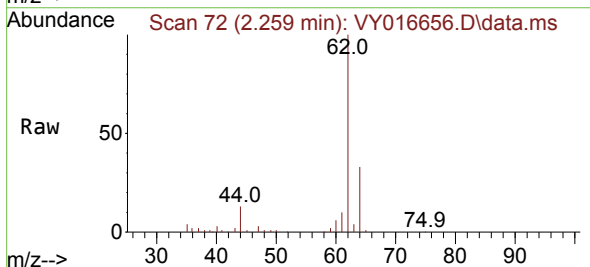
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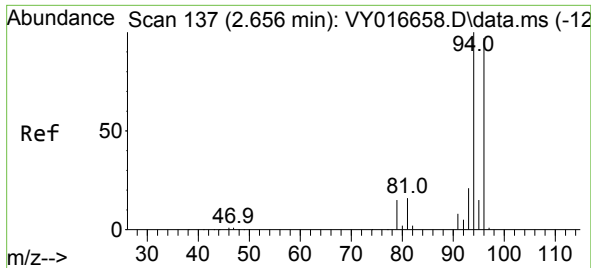
Tgt Ion: 62 Resp: 30141

Ion Ratio Lower Upper

62 100

64 33.3 24.3 36.5

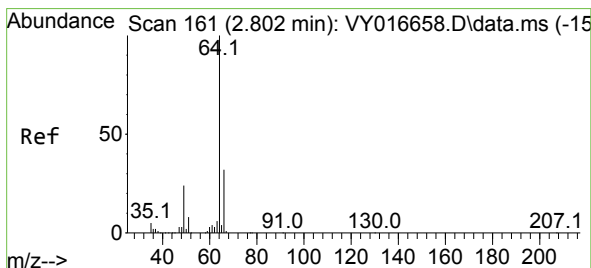
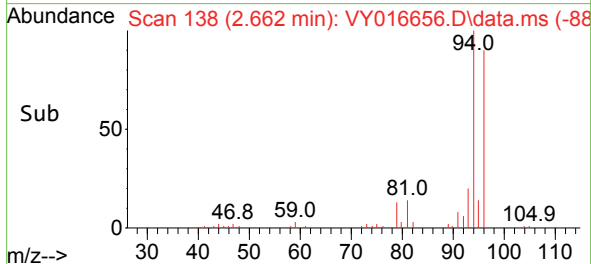
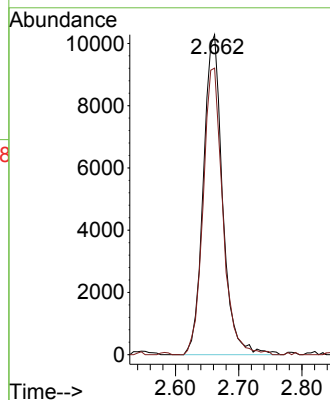
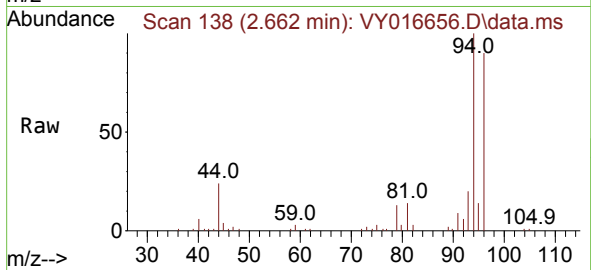




#5
Bromomethane
Concen: 10.843 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

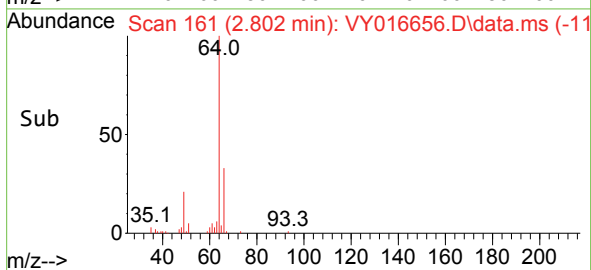
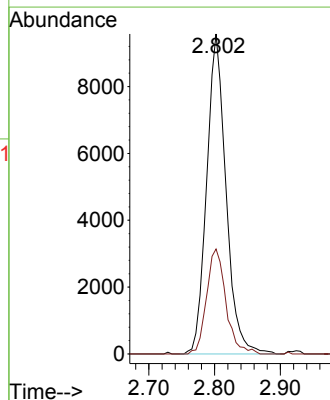
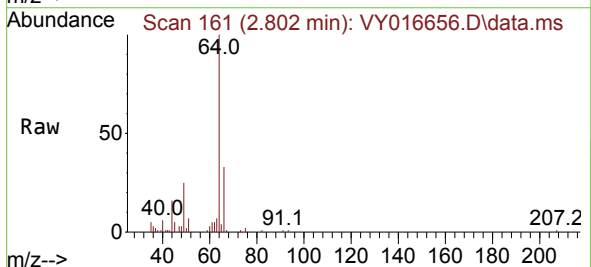
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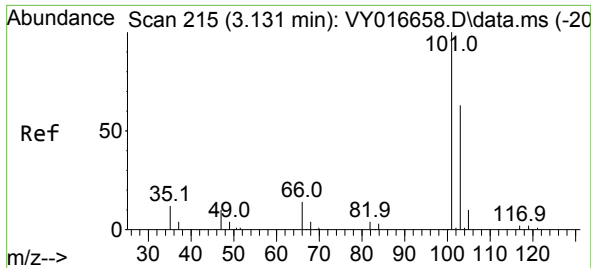
Tgt Ion: 94 Resp: 21784
Ion Ratio Lower Upper
94 100
96 89.6 75.8 113.6



#6
Chloroethane
Concen: 10.722 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 64 Resp: 19576
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6

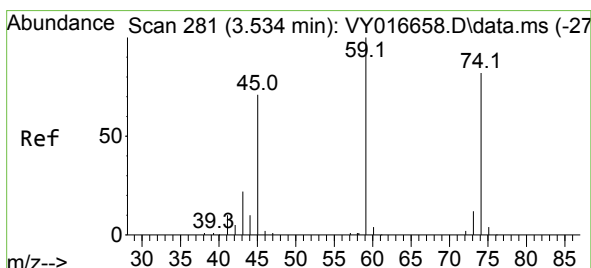
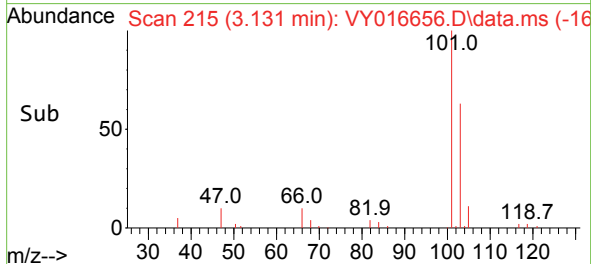
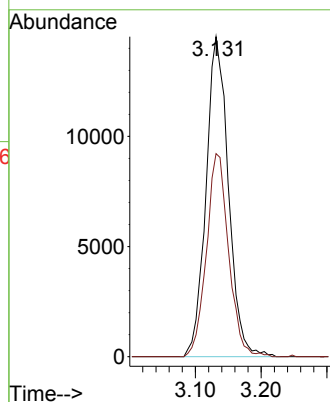
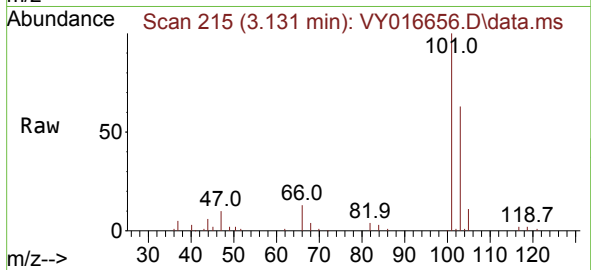




#7
 Trichlorofluoromethane
 Concen: 10.983 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY016656.D
 Acq: 15 Dec 2023 15:50

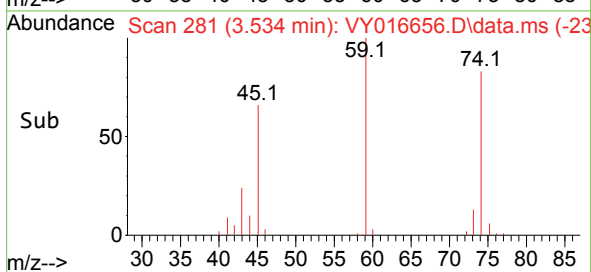
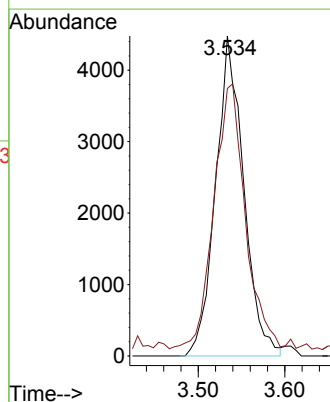
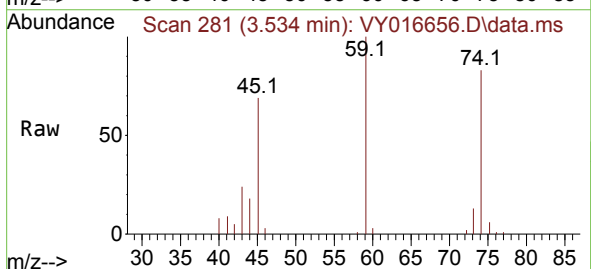
Instrument :
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 ClientSampleId :

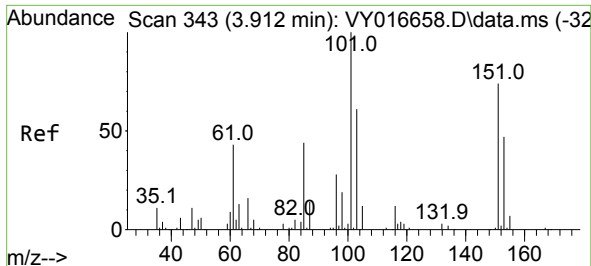
Tgt Ion:101 Resp: 34434
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 10.277 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY016656.D
 Acq: 15 Dec 2023 15:50

Tgt Ion: 74 Resp: 10065
 Ion Ratio Lower Upper
 74 100
 45 90.2 51.5 154.5

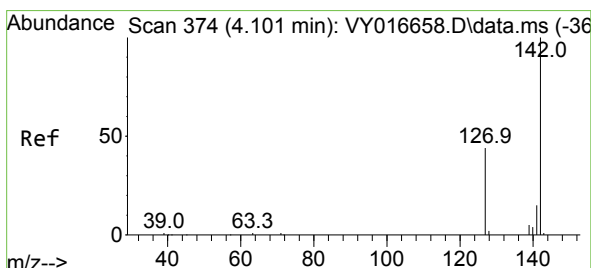
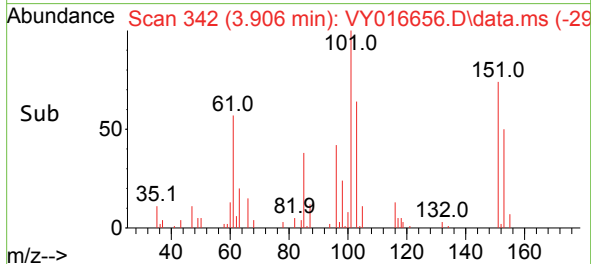
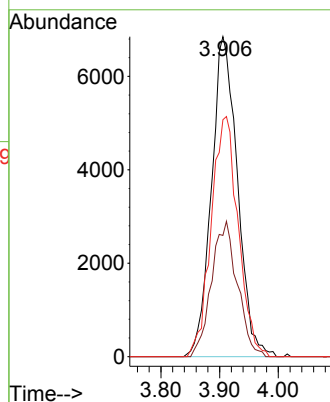
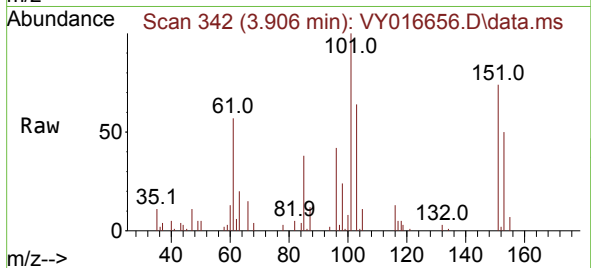




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.863 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016656.D
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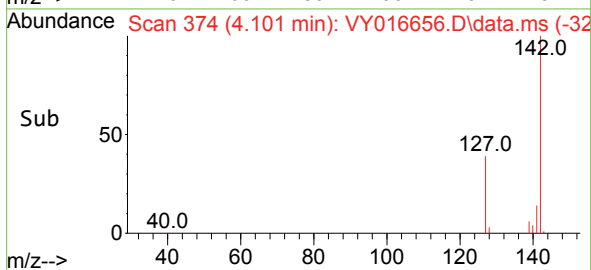
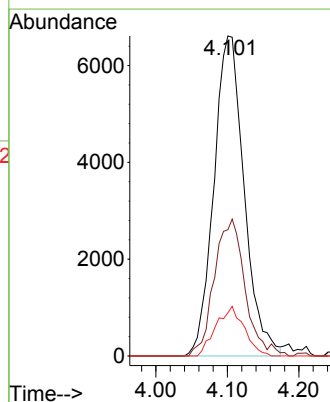
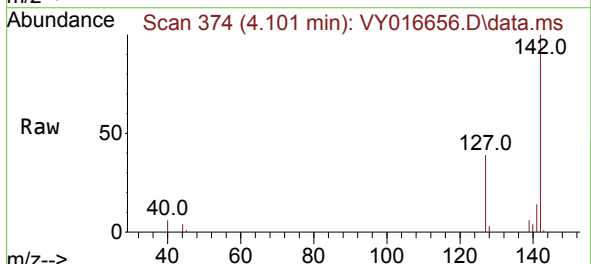
Instrument :
MSVOA_Y
ClientSampleId :

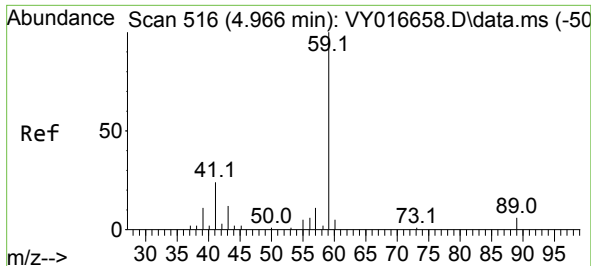
Tgt Ion:101 Resp: 21063
Ion Ratio Lower Upper
101 100
85 42.1 36.6 55.0
151 77.9 67.0 100.6



#10
Methyl Iodide
Concen: 9.636 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion:142 Resp: 19445
Ion Ratio Lower Upper
142 100
127 43.4 37.6 56.4
141 14.5 11.8 17.8

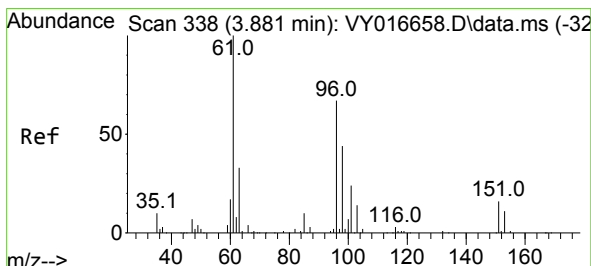
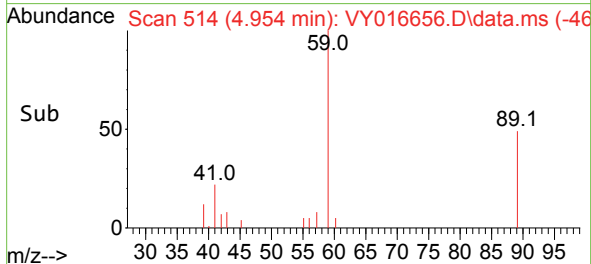
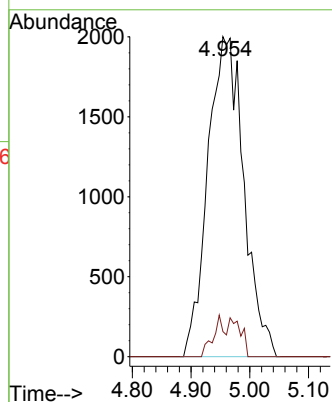
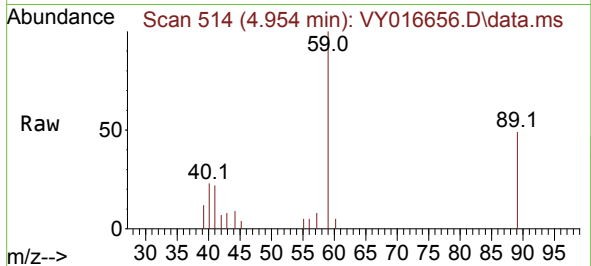




#11
Tert butyl alcohol
Concen: 63.829 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

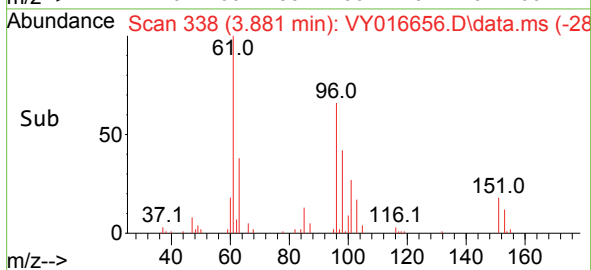
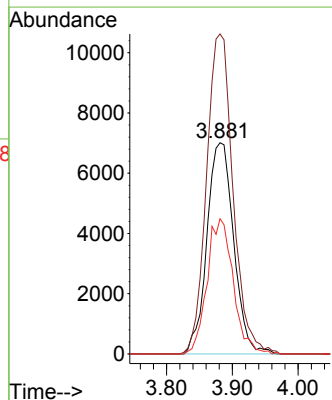
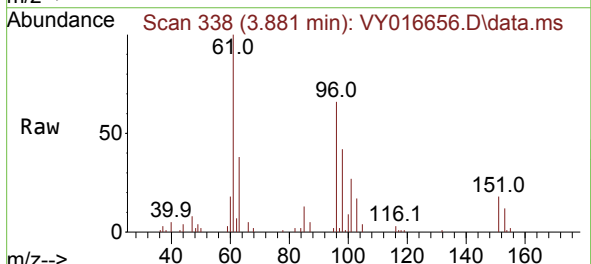
Instrument :
MSVOA_Y
ClientSampleId :

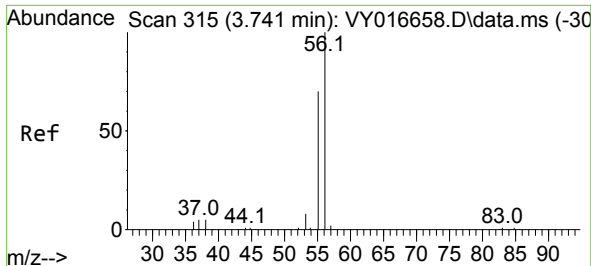
Tgt Ion: 59 Resp: 8481
Ion Ratio Lower Upper
59 100
57 4.2 3.0 4.4



#12
1,1-Dichloroethene
Concen: 10.866 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 96 Resp: 19863
Ion Ratio Lower Upper
96 100
61 151.6 136.4 204.6
98 64.0 49.4 74.2





#13

Acrolein

Concen: 67.013 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

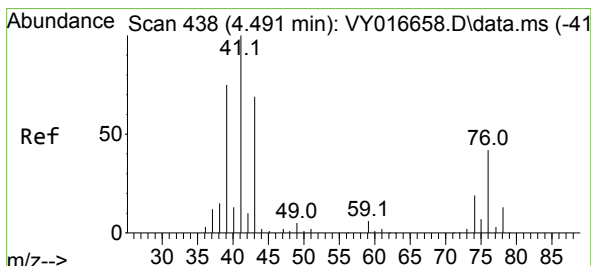
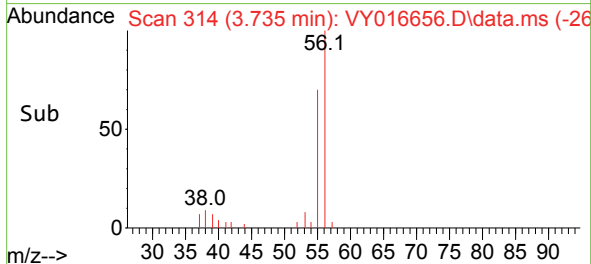
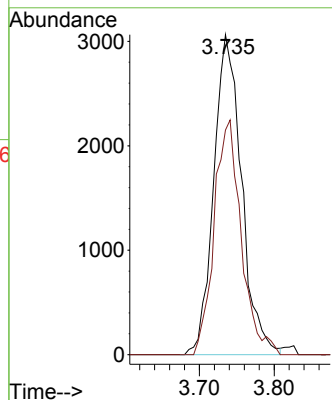
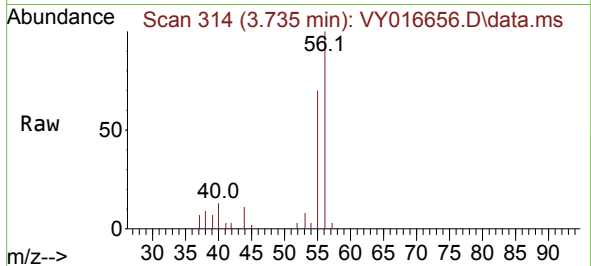
ClientSampleId :

Tgt Ion: 56 Resp: 7916

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 10.583 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

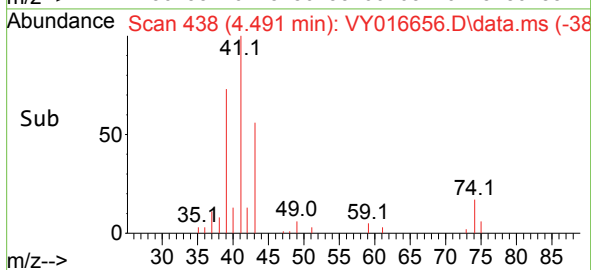
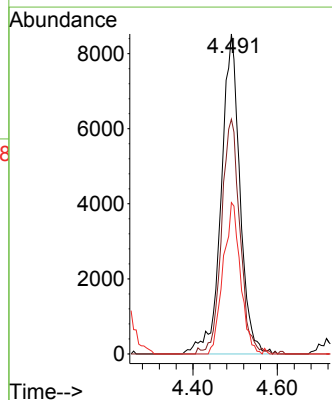
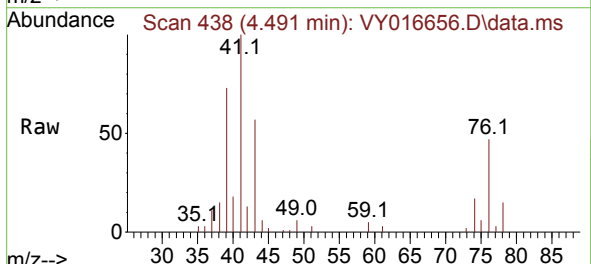
Tgt Ion: 41 Resp: 26229

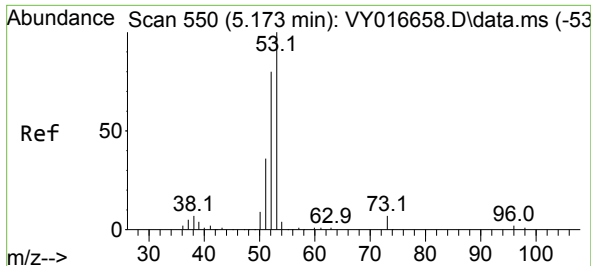
Ion Ratio Lower Upper

41 100

39 71.9 58.0 87.0

76 43.6 27.4 41.2#





#15

Acrylonitrile

Concen: 53.952 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.006 min

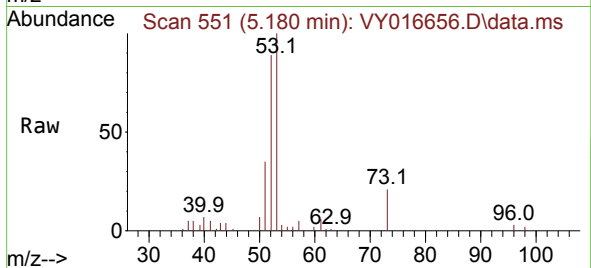
Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :



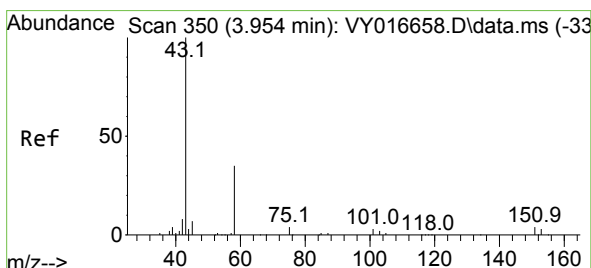
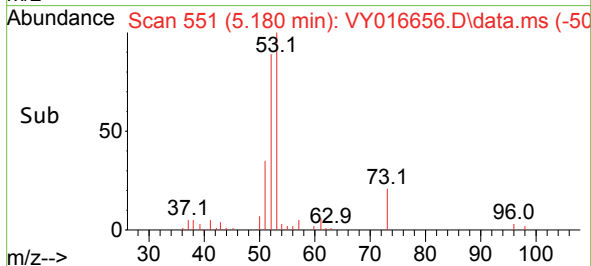
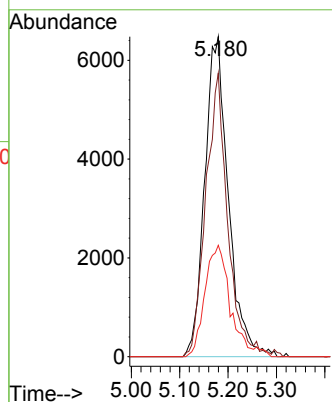
Tgt Ion: 53 Resp: 21988

Ion Ratio Lower Upper

53 100

52 82.1 66.9 100.3

51 36.7 29.8 44.6



#16

Acetone

Concen: 64.035 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY016656.D

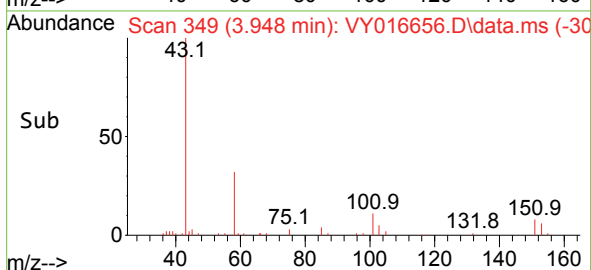
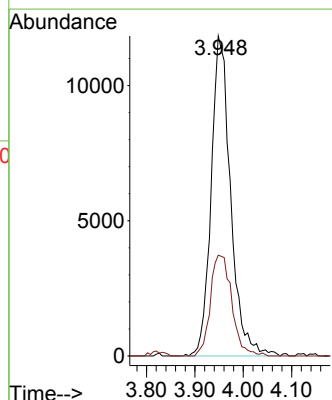
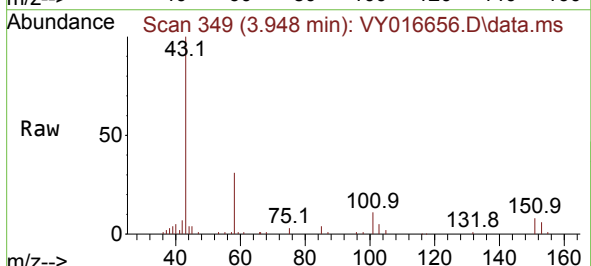
Acq: 15 Dec 2023 15:50

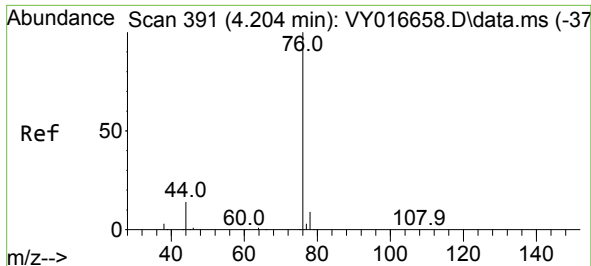
Tgt Ion: 43 Resp: 33063

Ion Ratio Lower Upper

43 100

58 31.5 22.7 34.1

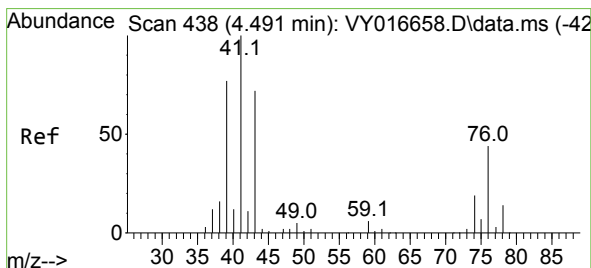
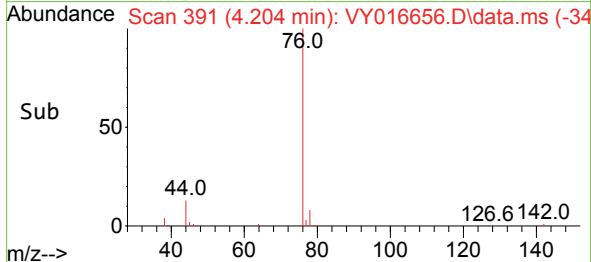
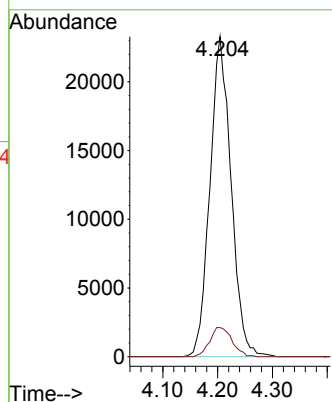
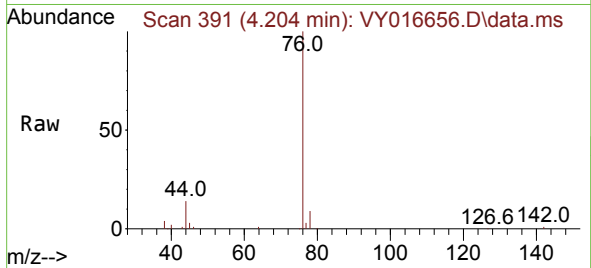




#17
Carbon Disulfide
Concen: 10.781 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

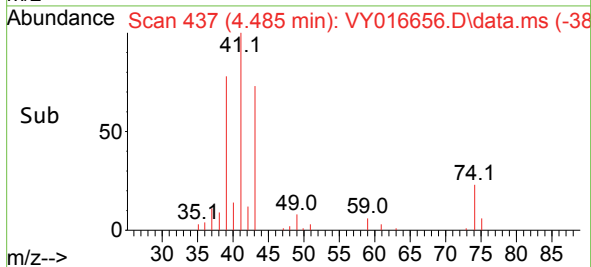
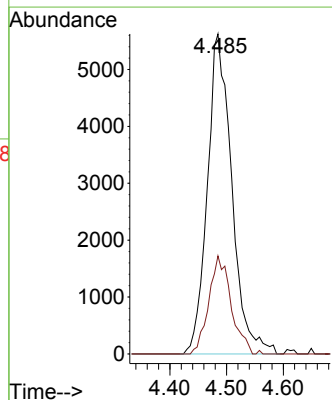
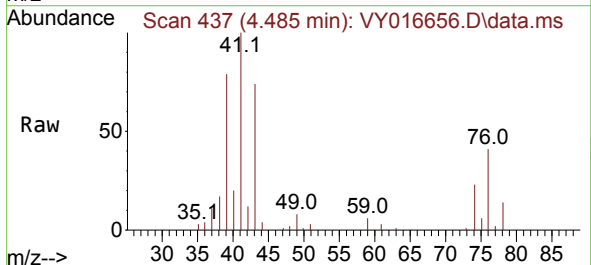
Instrument :
MSVOA_Y
ClientSampleId :

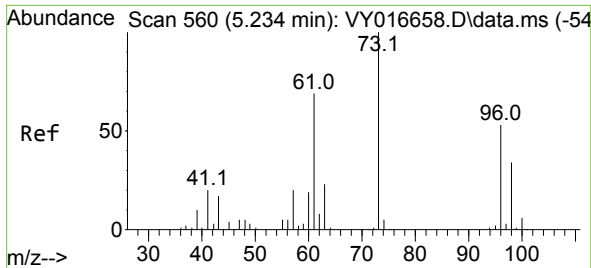
Tgt Ion: 76 Resp: 62327
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 10.936 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 43 Resp: 16816
Ion Ratio Lower Upper
43 100
74 28.0 17.4 26.0#

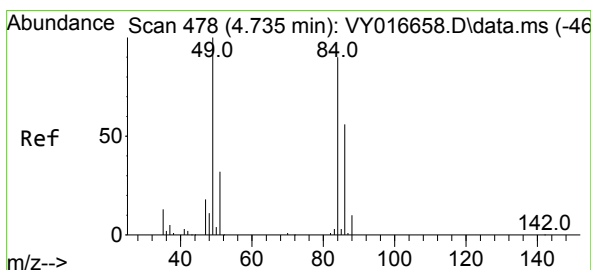
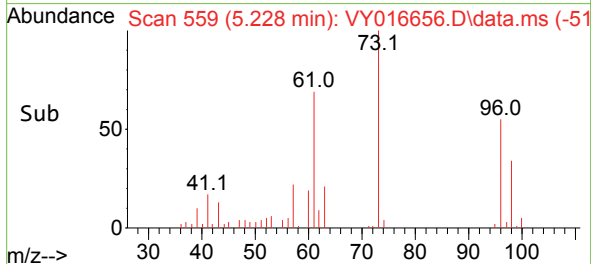
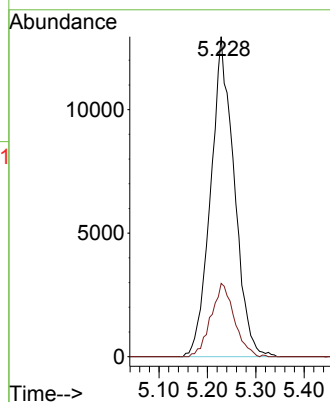
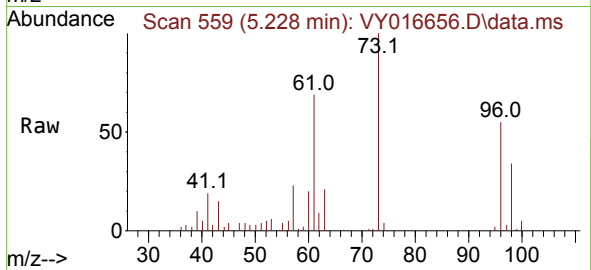




#19
Methyl tert-butyl Ether
Concen: 10.215 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

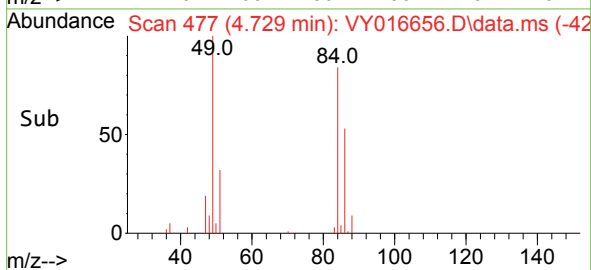
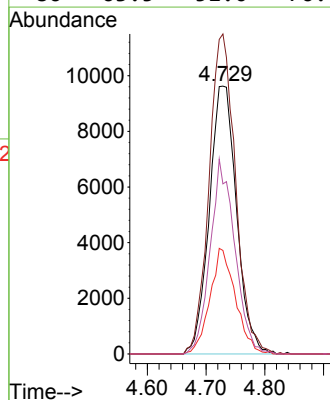
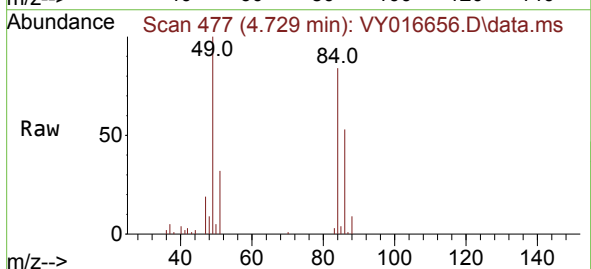
Instrument :
MSVOA_Y
ClientSampleId :

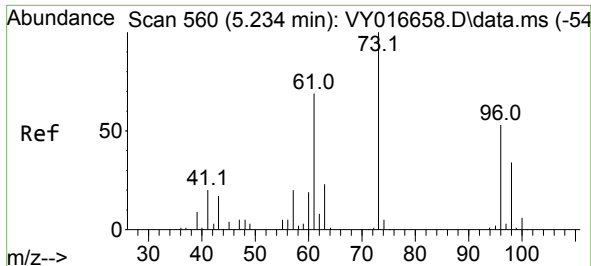
Tgt Ion: 73 Resp: 43780
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9



#20
Methylene Chloride
Concen: 10.935 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

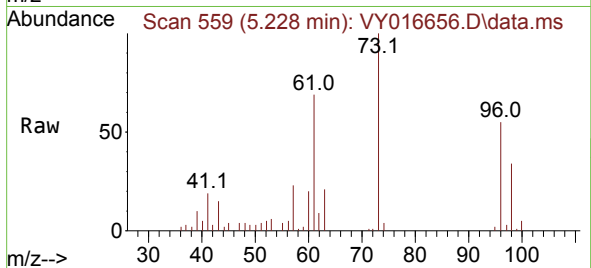
Tgt Ion: 84 Resp: 31050
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 38.6 33.2 49.8
86 63.5 51.0 76.6



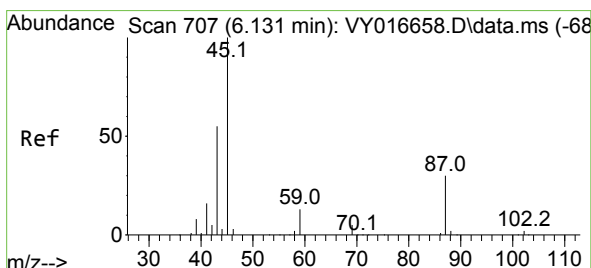
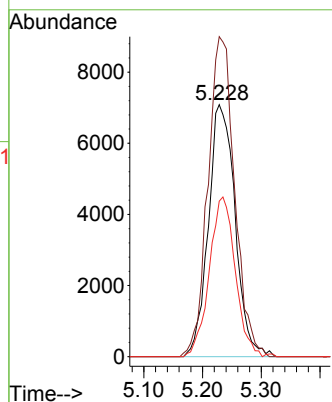
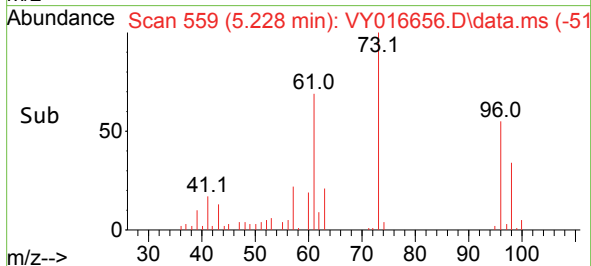


#21
trans-1,2-Dichloroethene
Concen: 10.520 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

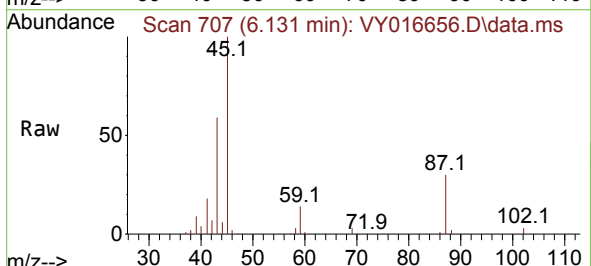
Instrument :
MSVOA_Y
ClientSampleId :



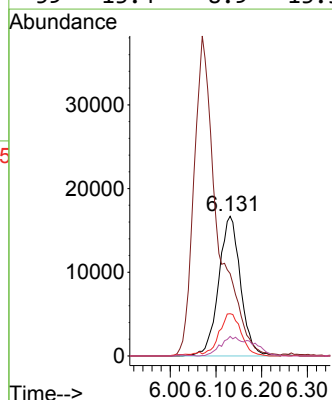
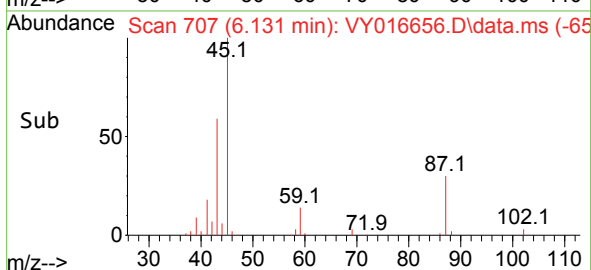
Tgt Ion: 96 Resp: 22404
Ion Ratio Lower Upper
96 100
61 127.0 110.2 165.4
98 61.7 51.8 77.6

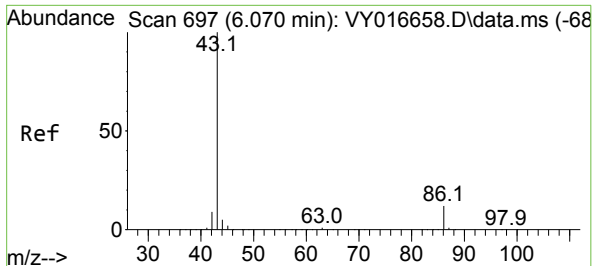


#22
Diisopropyl ether
Concen: 10.437 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50



Tgt Ion: 45 Resp: 55435
Ion Ratio Lower Upper
45 100
43 58.3 52.2 78.4
87 30.2 21.0 31.6
59 13.4 8.9 13.3#

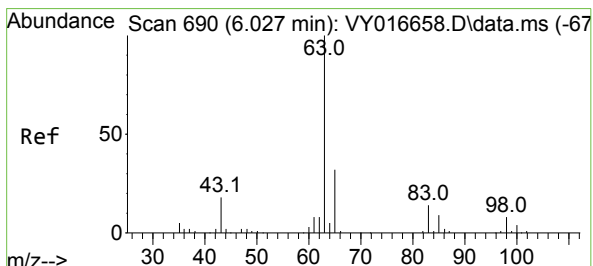
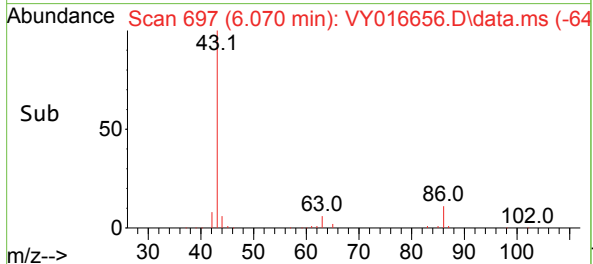
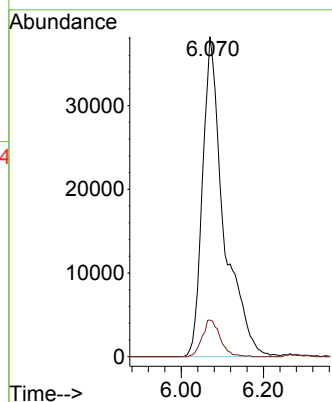
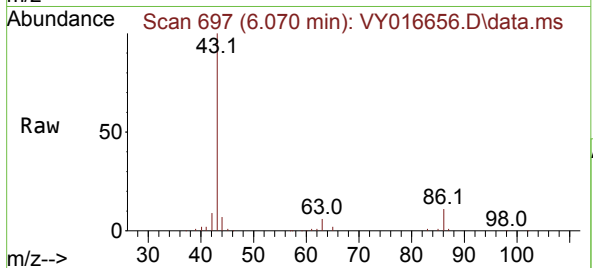




#23
 Vinyl Acetate
 Concen: 52.477 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016656.D
 Acq: 15 Dec 2023 15:50

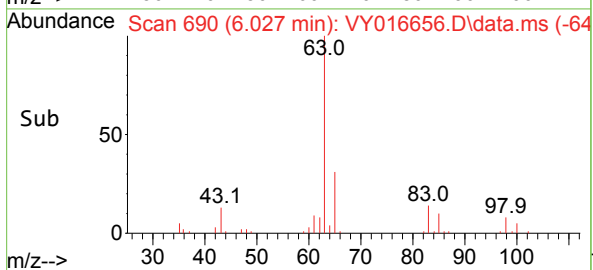
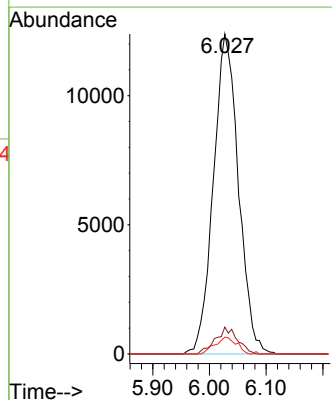
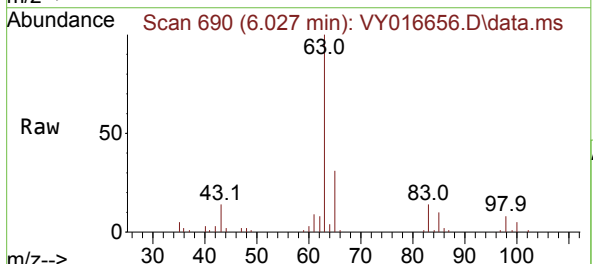
Instrument :
 MSVOA_Y
 ClientSampleId :

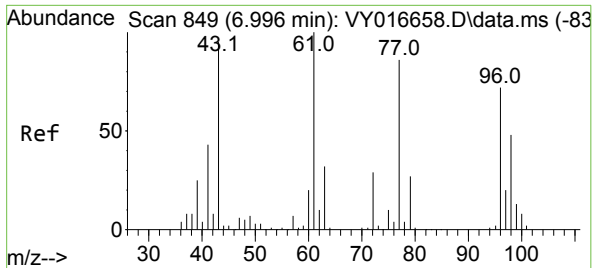
Tgt Ion: 43 Resp: 137343
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 10.957 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY016656.D
 Acq: 15 Dec 2023 15:50

Tgt Ion: 63 Resp: 37978
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 64.389 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

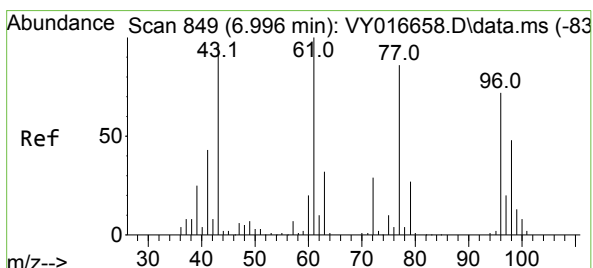
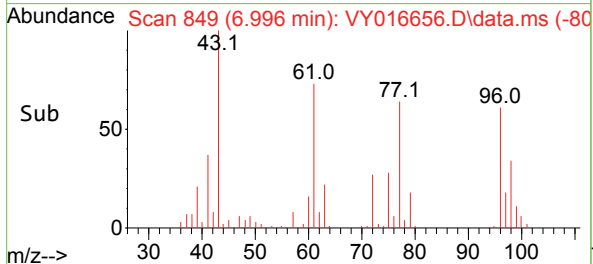
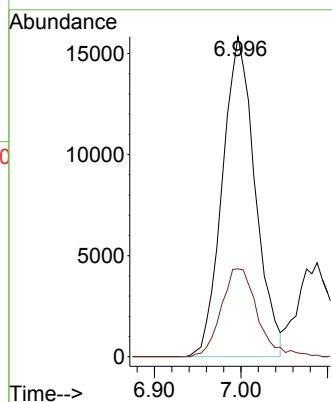
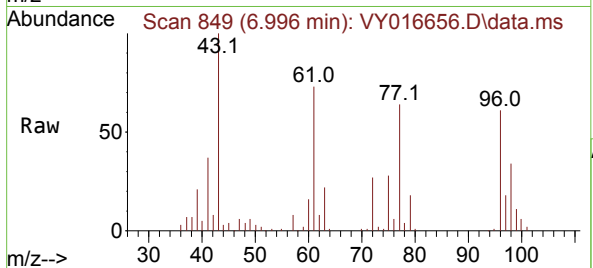
ClientSampleId :

Tgt Ion: 43 Resp: 41648

Ion Ratio Lower Upper

43 100

72 27.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 10.568 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016656.D

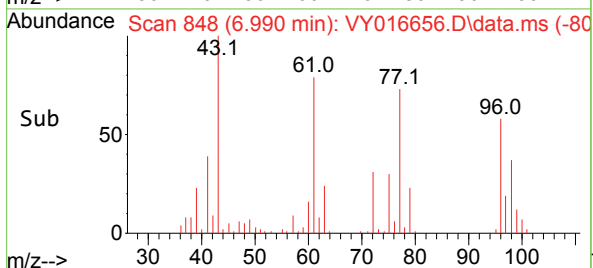
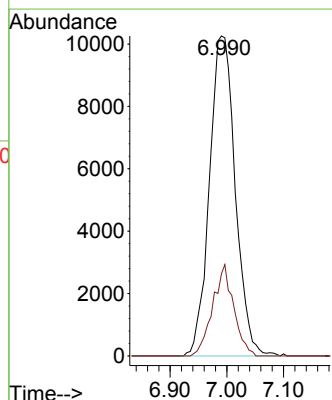
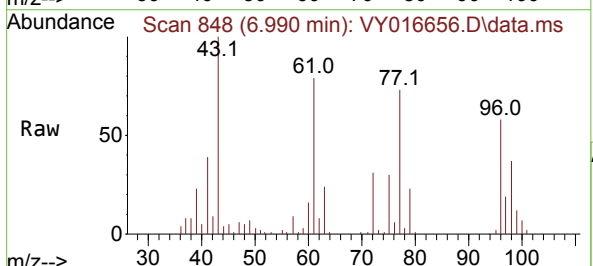
Acq: 15 Dec 2023 15:50

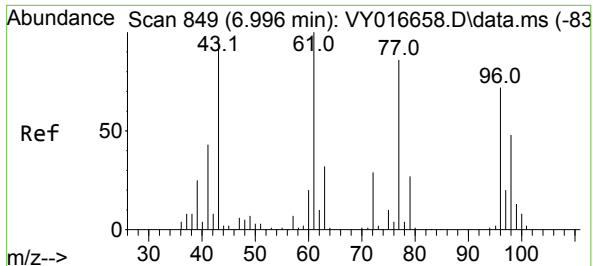
Tgt Ion: 77 Resp: 32522

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9

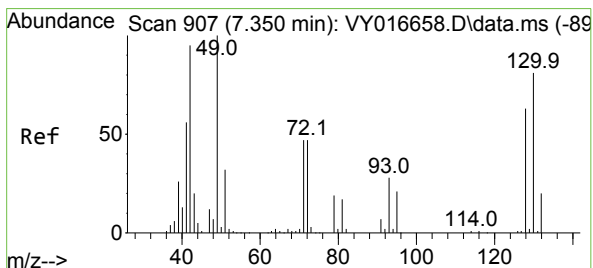
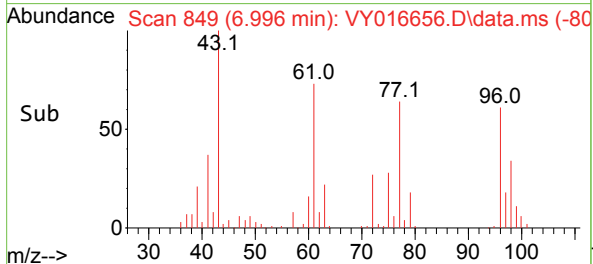
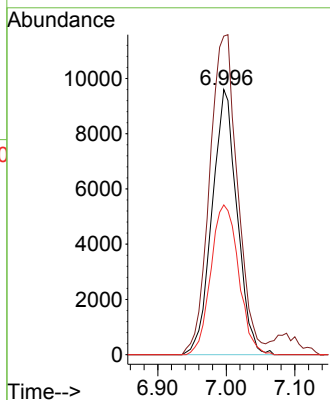
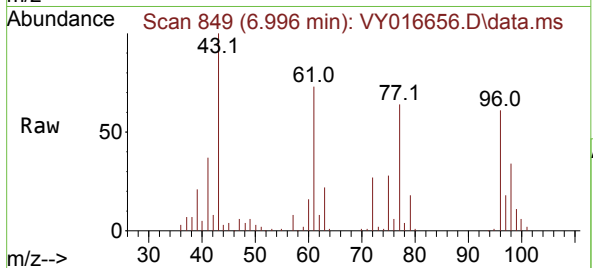




#27
 cis-1,2-Dichloroethene
 Concen: 10.553 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY016656.D
 Acq: 15 Dec 2023 15:50

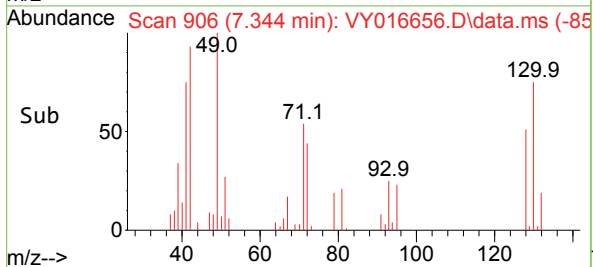
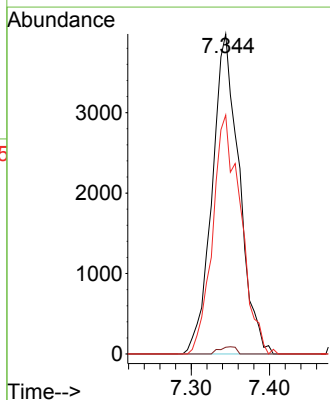
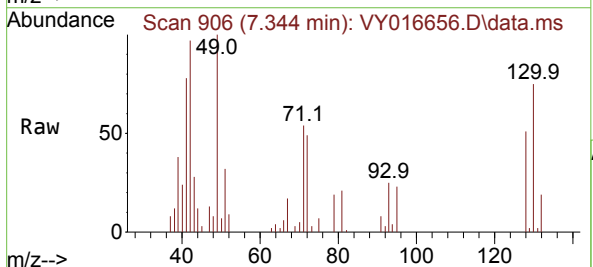
Instrument :
 MSVOA_Y
 ClientSampleId :

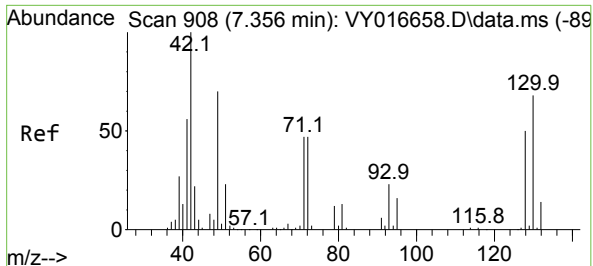
Tgt Ion: 96	Resp: 24271
Ion Ratio	Lower Upper
96 100	
61 135.3	0.0 301.4
98 62.9	0.0 130.4



#28
 Bromochloromethane
 Concen: 10.198 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY016656.D
 Acq: 15 Dec 2023 15:50

Tgt Ion: 49	Resp: 9537
Ion Ratio	Lower Upper
49 100	
129 1.4	0.0 4.6
130 77.8	60.7 91.1





#29

Tetrahydrofuran

Concen: 54.621 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

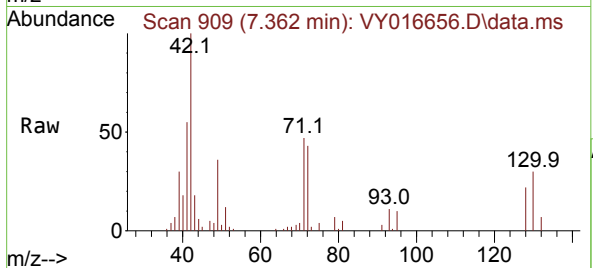
Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :



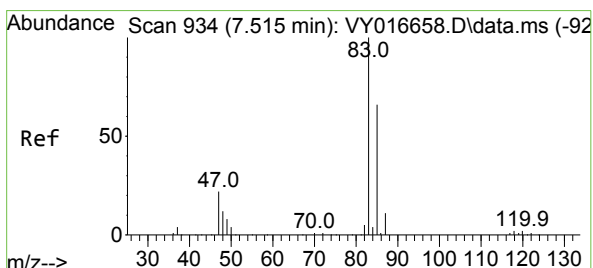
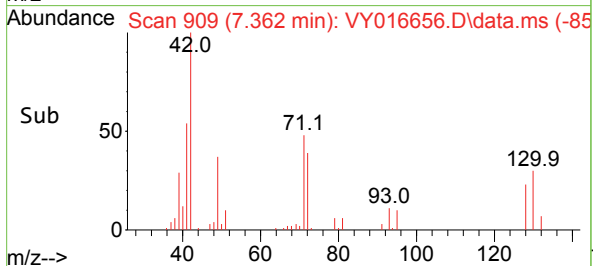
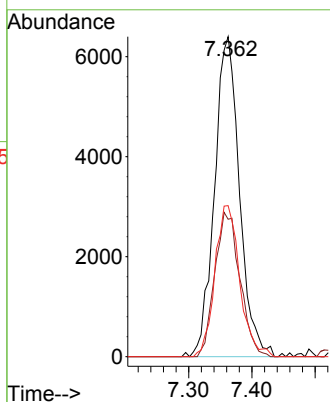
Tgt Ion: 42 Resp: 17483

Ion Ratio Lower Upper

42 100

72 45.4 32.8 49.2

71 47.0 31.0 46.4#



#30

Chloroform

Concen: 10.726 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY016656.D

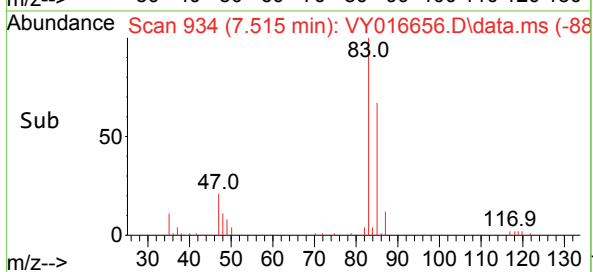
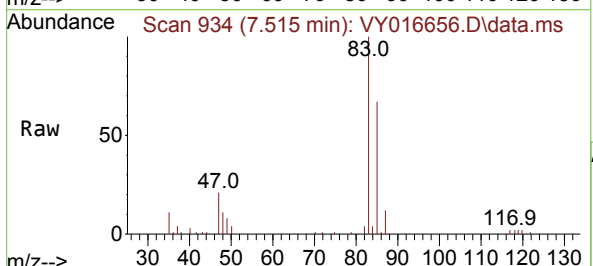
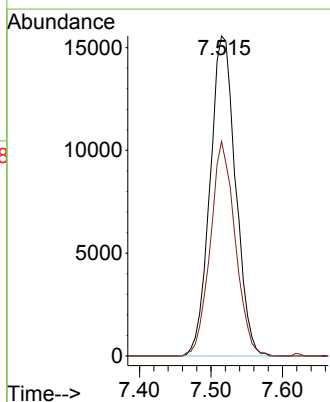
Acq: 15 Dec 2023 15:50

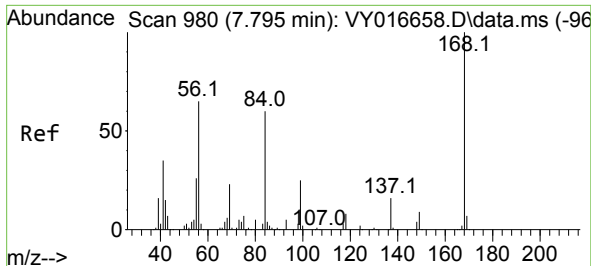
Tgt Ion: 83 Resp: 38663

Ion Ratio Lower Upper

83 100

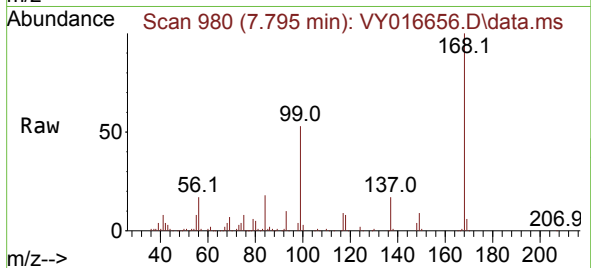
85 67.1 49.7 74.5



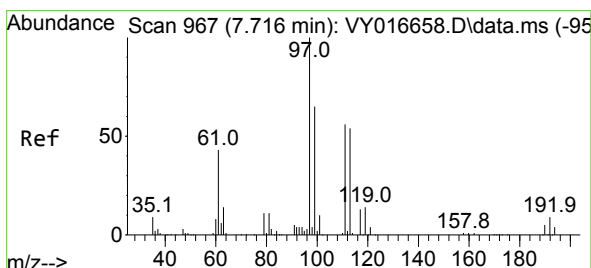
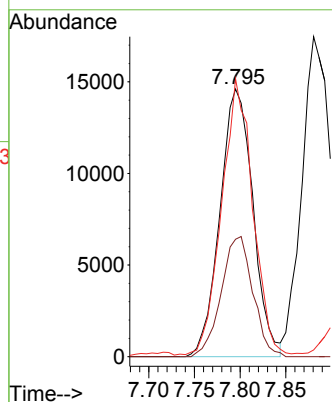
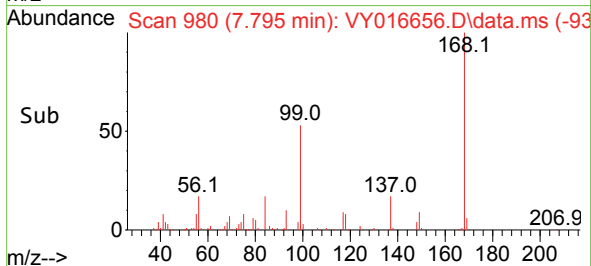


#31
Cyclohexane
Concen: 11.298 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Instrument :
MSVOA_Y
ClientSampleId :

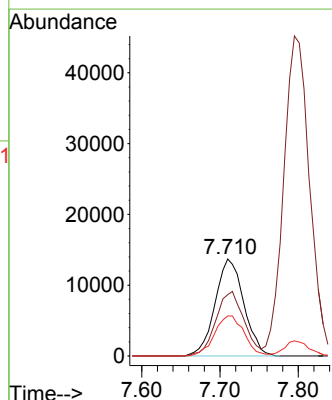
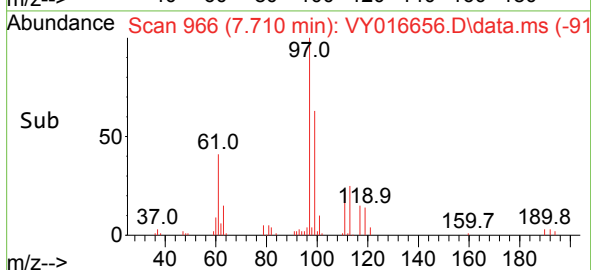
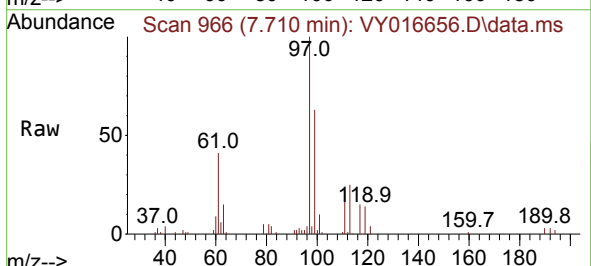


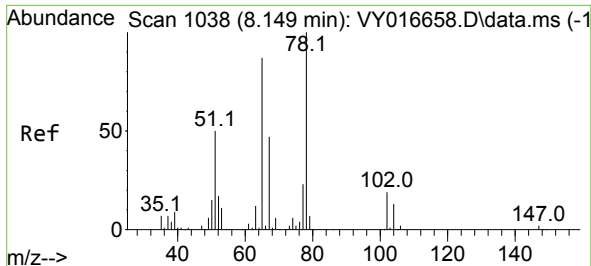
Tgt Ion: 56 Resp: 36726
Ion Ratio Lower Upper
56 100
69 43.9 27.8 41.6#
84 102.8 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 10.792 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 97 Resp: 34901
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 42.5 35.1 52.7

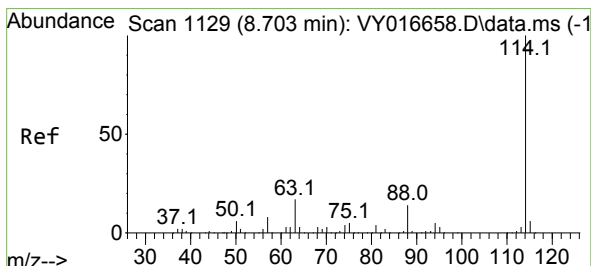
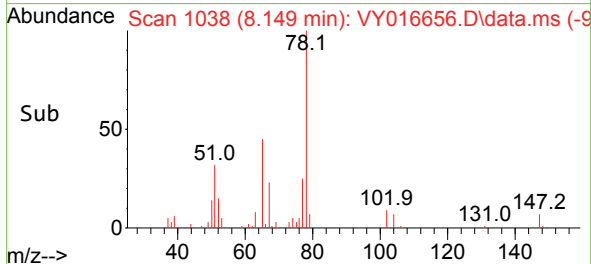
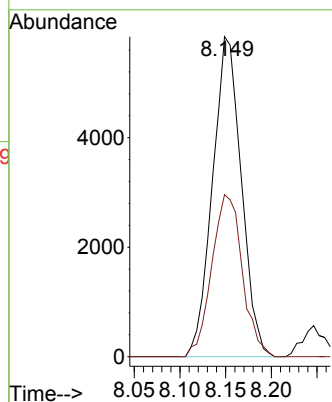
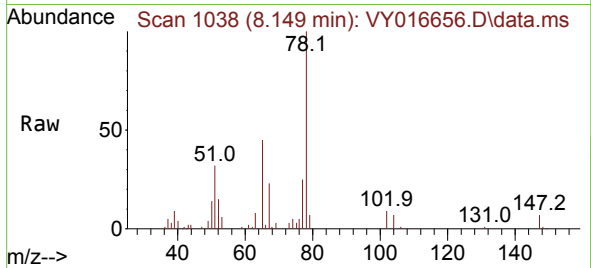




#33
1,2-Dichloroethane-d4
Concen: 8.062 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

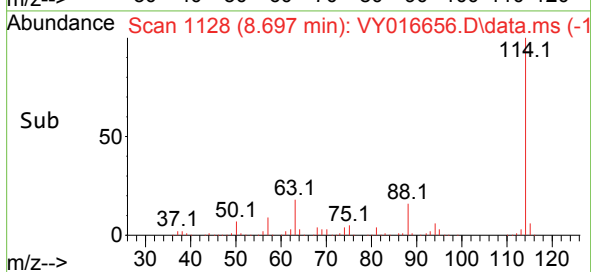
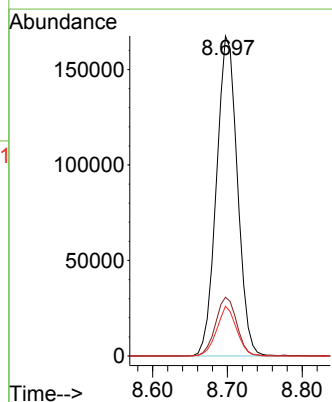
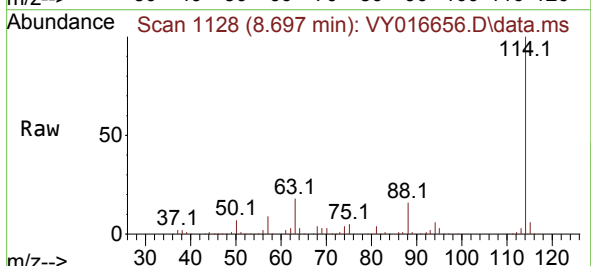
Instrument :
MSVOA_Y
ClientSampleId :

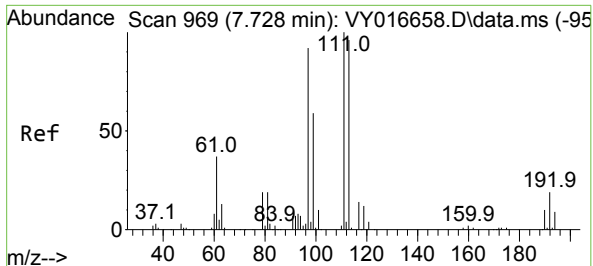
Tgt Ion: 65 Resp: 12803
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

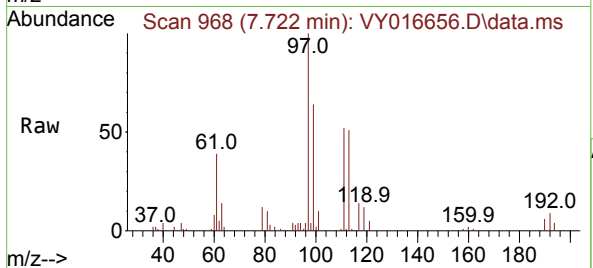
Tgt Ion: 114 Resp: 326241
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 15.5 0.0 30.6



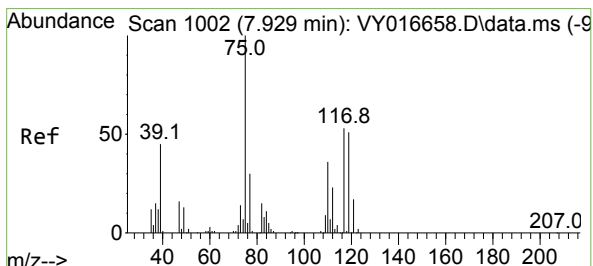
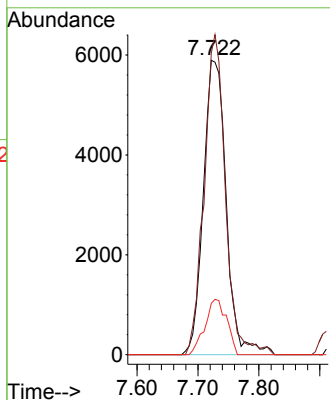
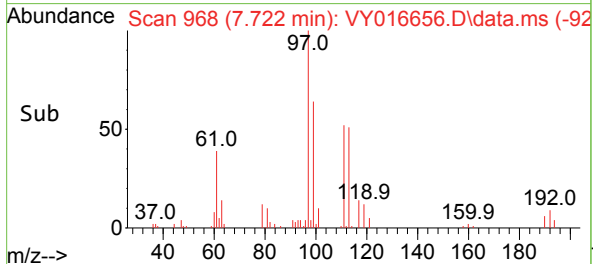


#35
Dibromofluoromethane
Concen: 8.767 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Instrument :
MSVOA_Y
ClientSampleId :

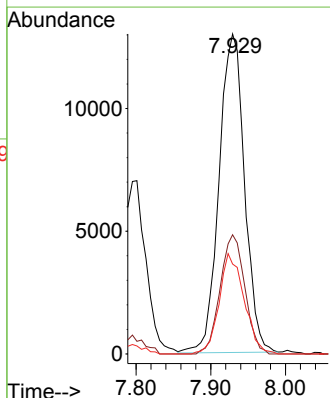
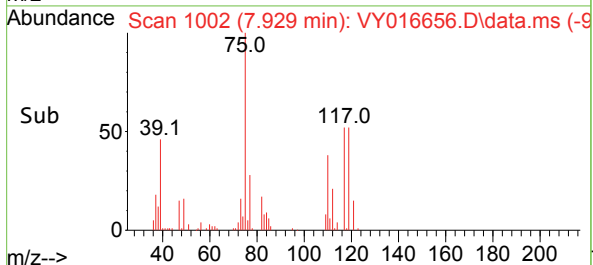
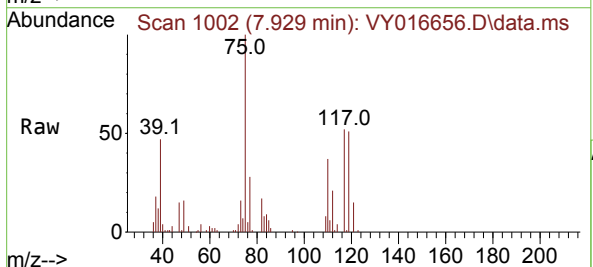


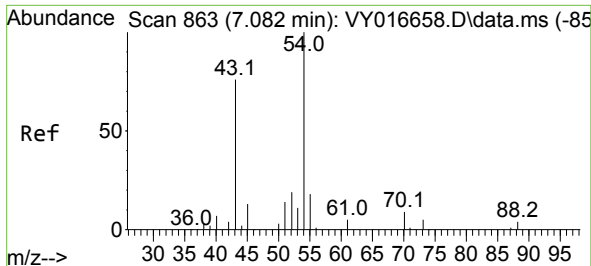
Tgt Ion:113 Resp: 15341
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 17.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 10.624 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 75 Resp: 30794
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 11.118 ug/l

RT: 7.088 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY016656.D

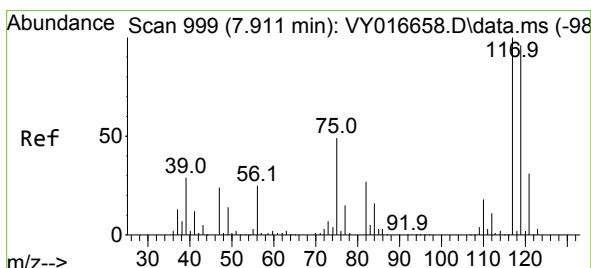
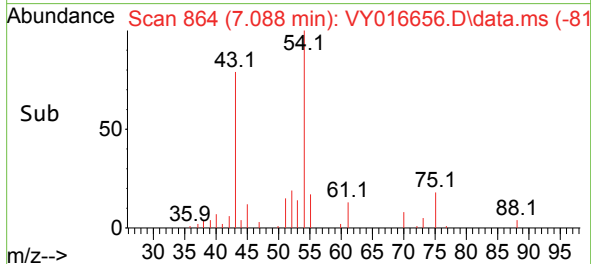
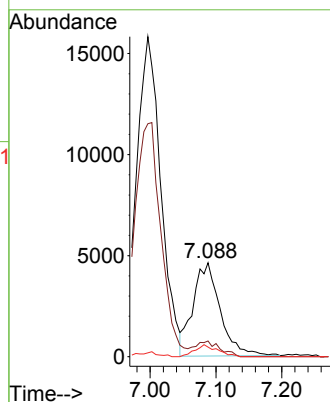
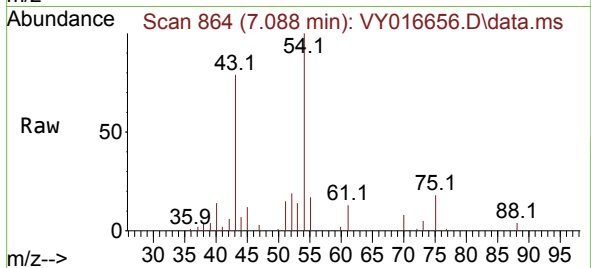
Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 13280
Ion Ratio	Lower Upper
43	100
61	15.2 10.1 15.1#
70	10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 10.434 ug/l

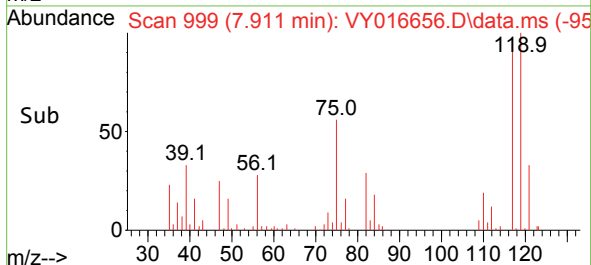
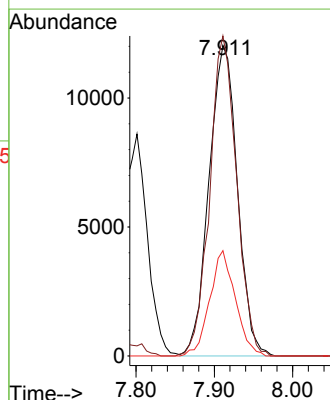
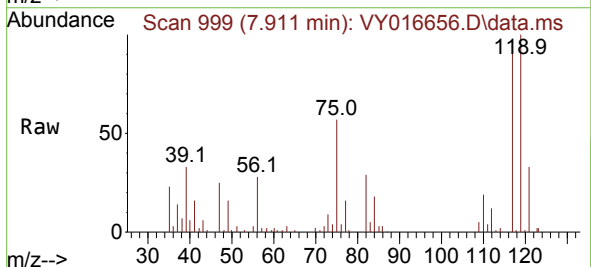
RT: 7.911 min Scan# 999

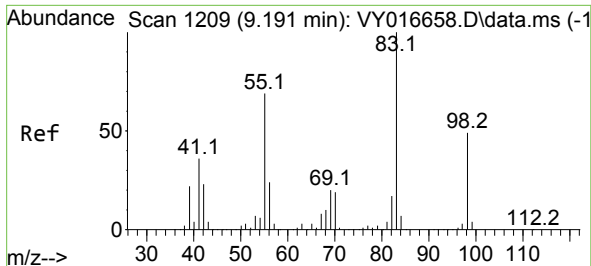
Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Tgt Ion: 117	Resp: 30378
Ion Ratio	Lower Upper
117	100
119	103.0 76.4 114.6
121	33.9 25.8 38.6





#39

Methylcyclohexane

Concen: 10.168 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

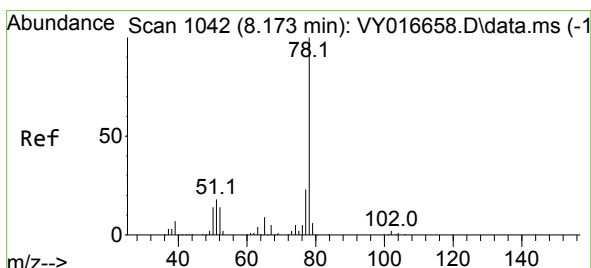
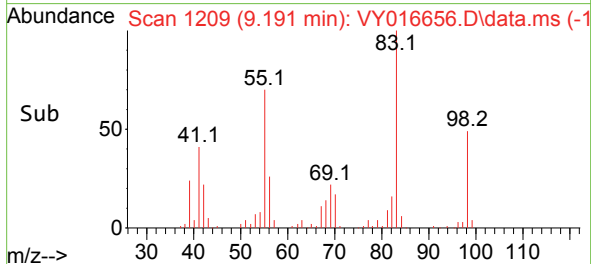
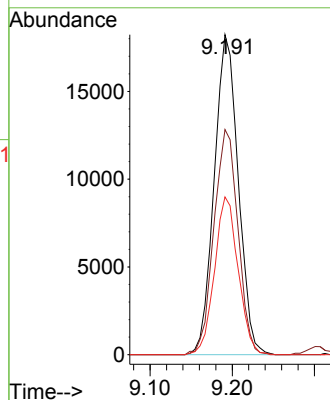
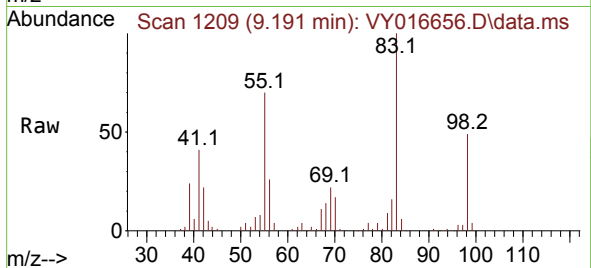
Tgt Ion: 83 Resp: 37040

Ion Ratio Lower Upper

83 100

55 70.4 63.0 94.4

98 49.3 37.4 56.2



#40

Benzene

Concen: 10.539 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016656.D

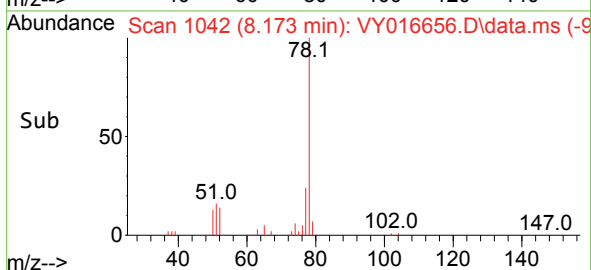
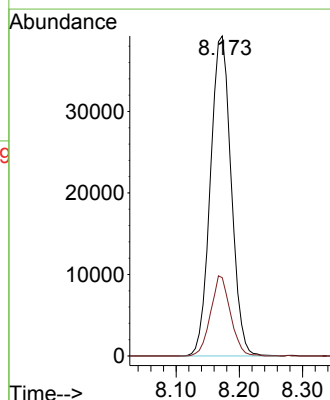
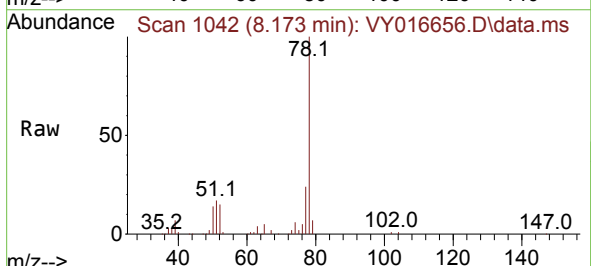
Acq: 15 Dec 2023 15:50

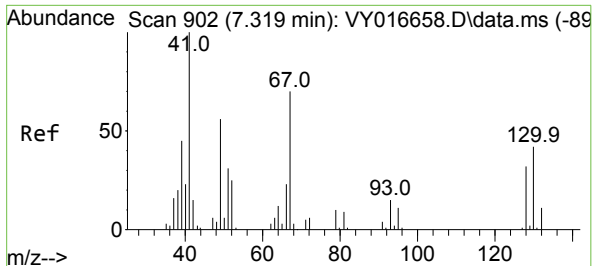
Tgt Ion: 78 Resp: 89528

Ion Ratio Lower Upper

78 100

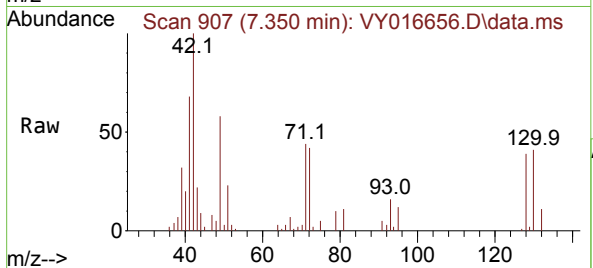
77 24.5 19.0 28.6



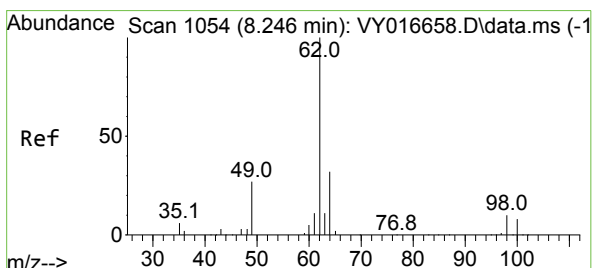
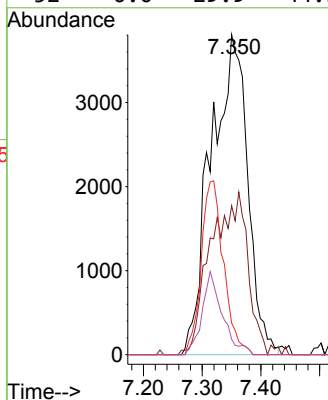
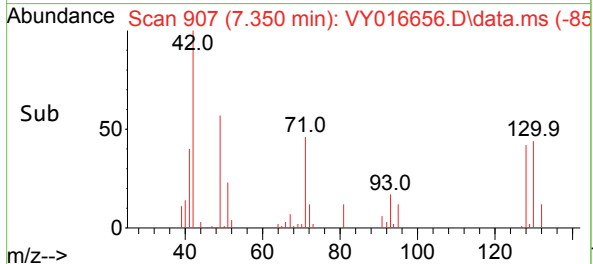


#41
Methacrylonitrile
Concen: 25.932 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Instrument :
MSVOA_Y
ClientSampleId :

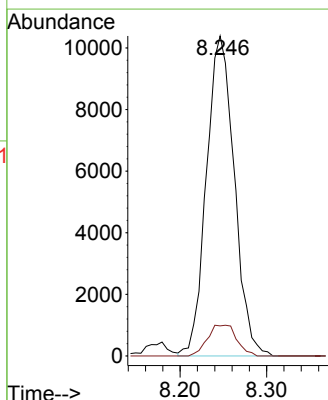
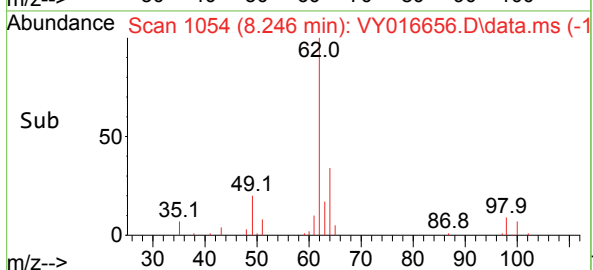
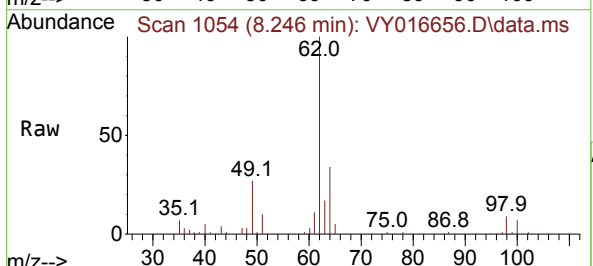


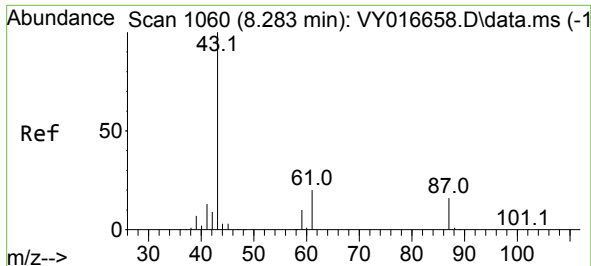
Tgt Ion: 41 Resp: 16448
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 10.705 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 62 Resp: 23241
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8

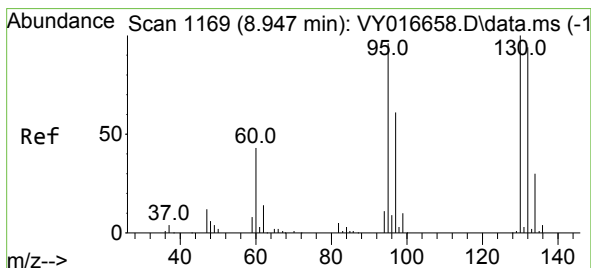
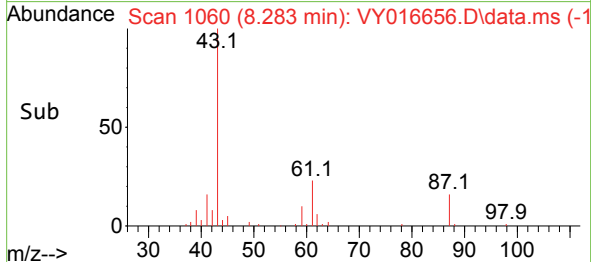
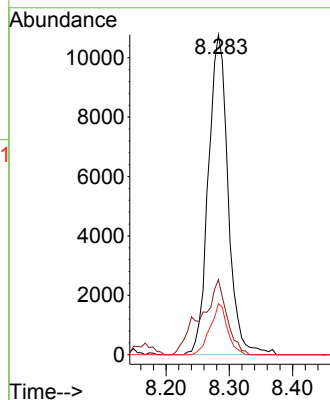
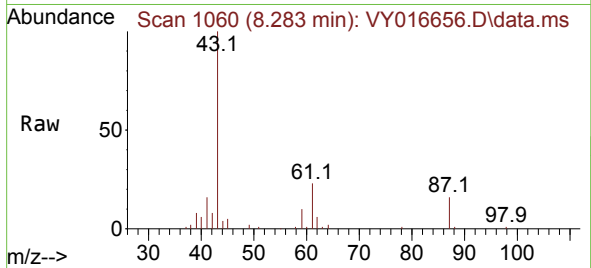




#43
Isopropyl Acetate
Concen: 10.646 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

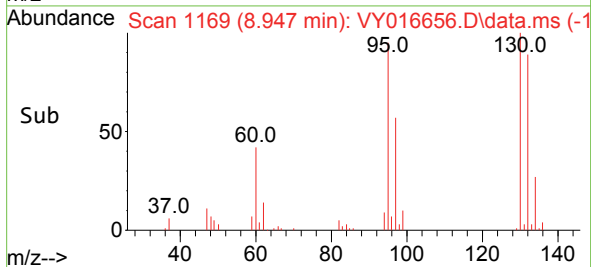
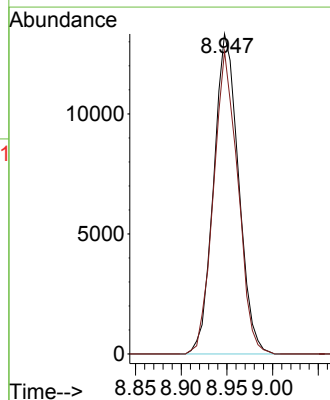
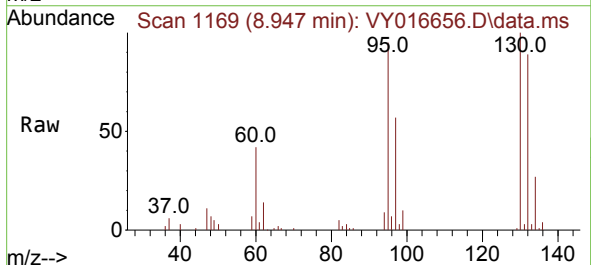
Instrument :
MSVOA_Y
ClientSampleId :

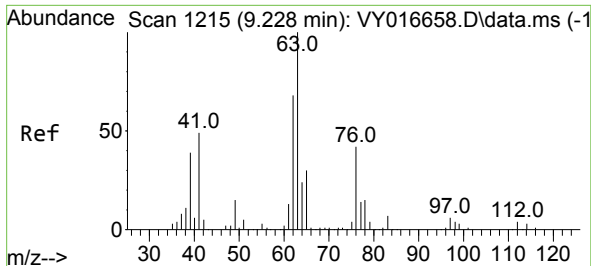
Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.0	21.1	31.7
87	13.9	9.8	14.8



#44
Trichloroethene
Concen: 10.673 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	196.0

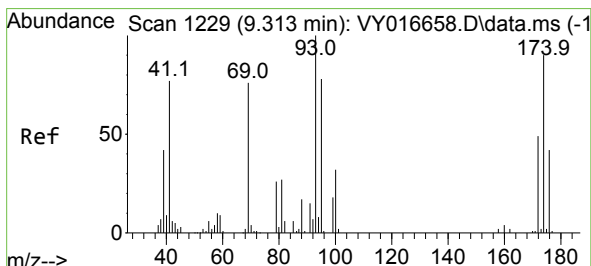
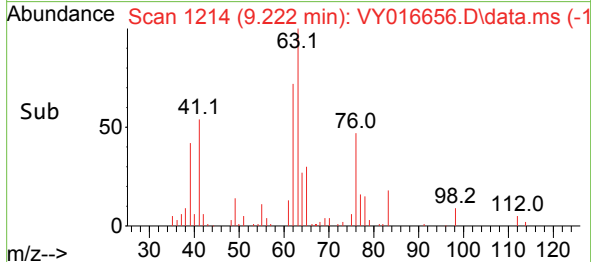
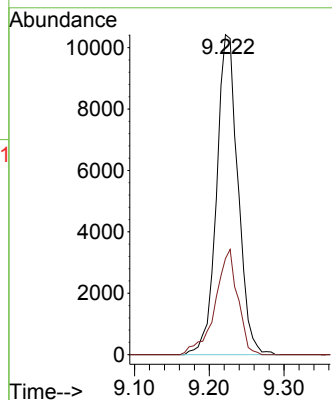
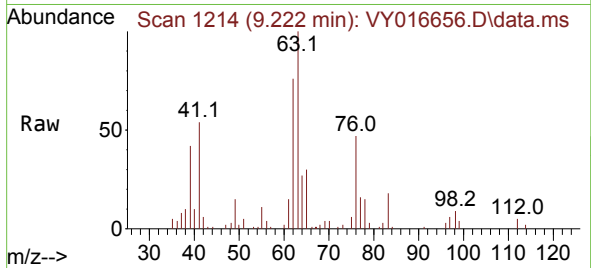




#45
1,2-Dichloropropane
Concen: 10.444 ug/l
RT: 9.222 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

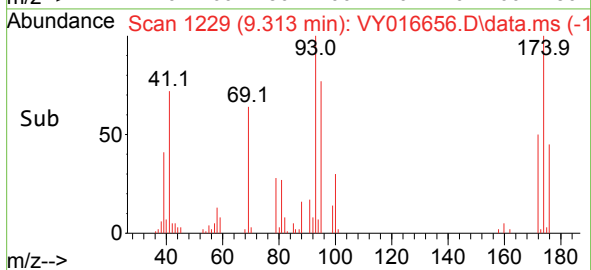
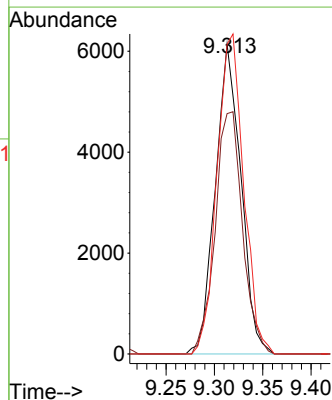
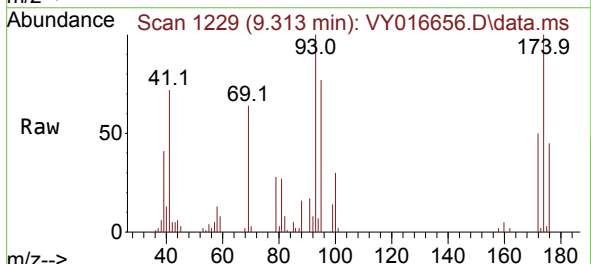
Instrument :
MSVOA_Y
ClientSampleId :

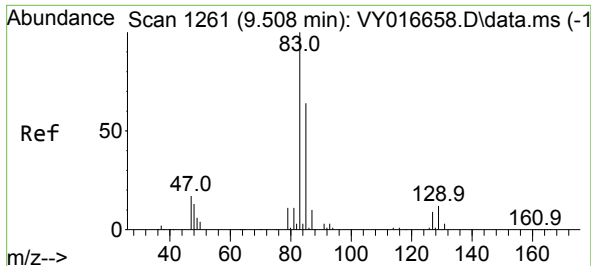
Tgt Ion: 63 Resp: 20727
Ion Ratio Lower Upper
63 100
65 30.0 23.8 35.6



#46
Dibromomethane
Concen: 10.272 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 93 Resp: 11274
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 107.6 84.8 127.2

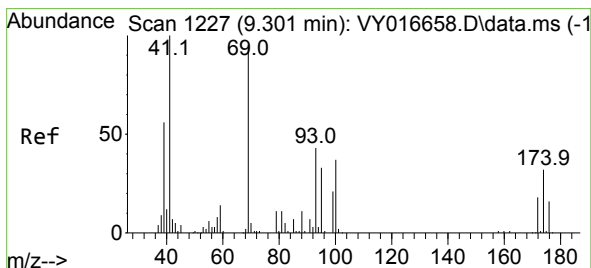
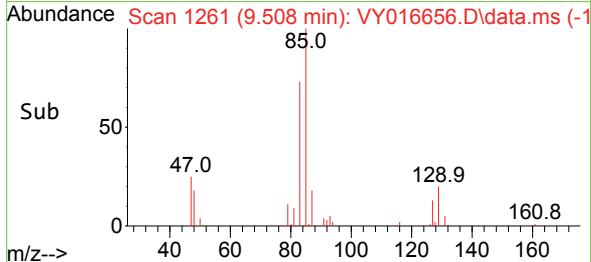
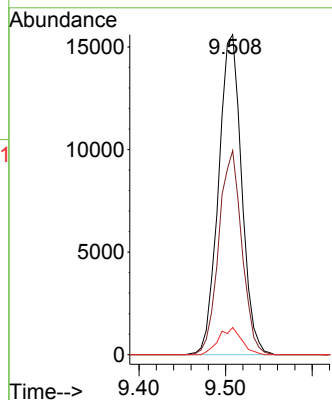
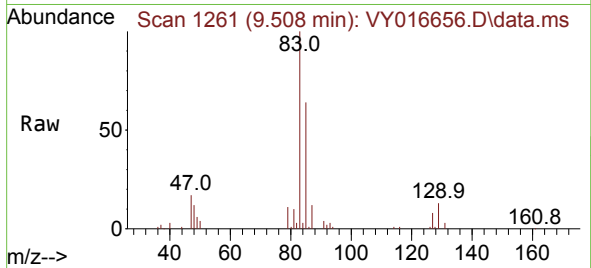




#47
Bromodichloromethane
Concen: 10.427 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

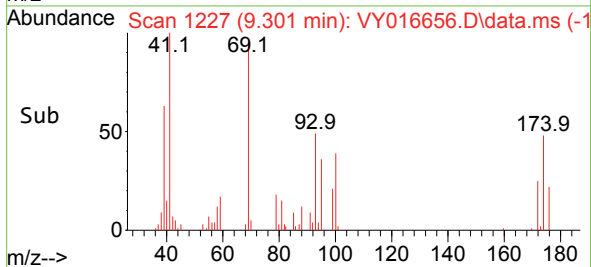
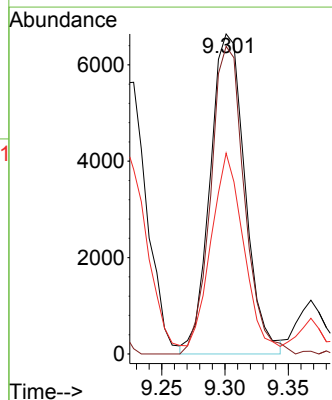
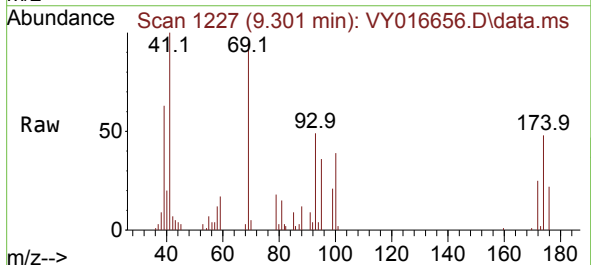
Instrument :
MSVOA_Y
ClientSampleId :

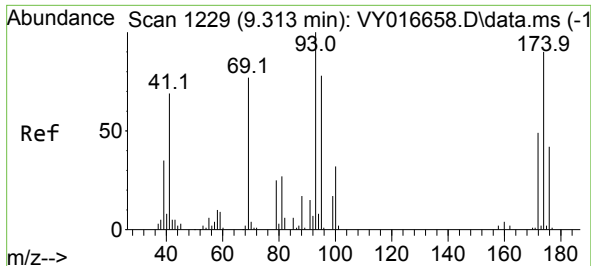
Tgt Ion: 83 Resp: 28914
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 10.495 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 41 Resp: 12757
Ion Ratio Lower Upper
41 100
69 92.9 64.5 96.7
39 55.4 50.8 76.2

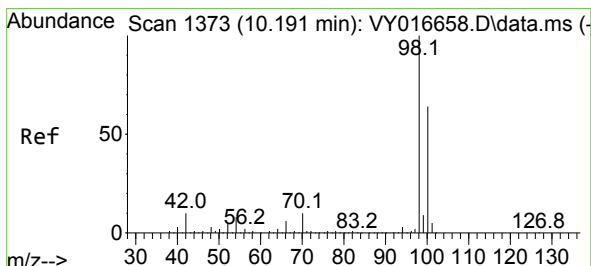
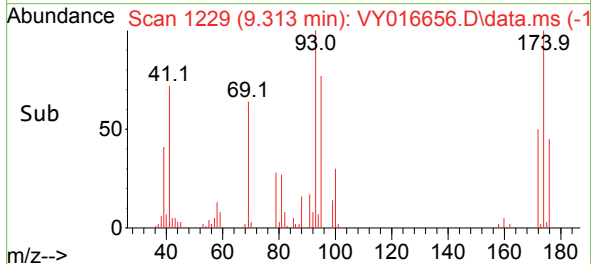
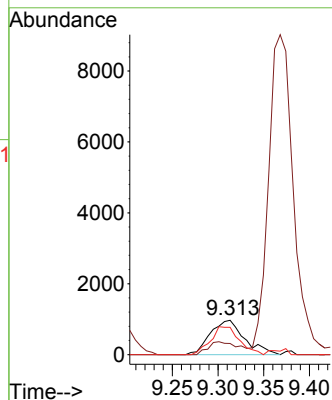
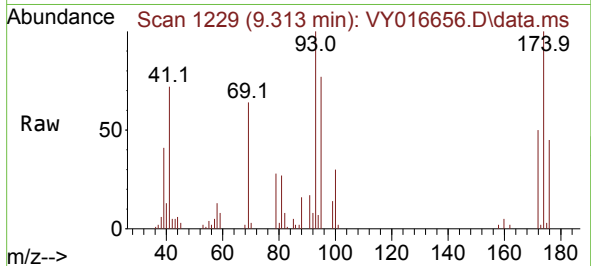




#49
1,4-Dioxane
Concen: 214.945 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

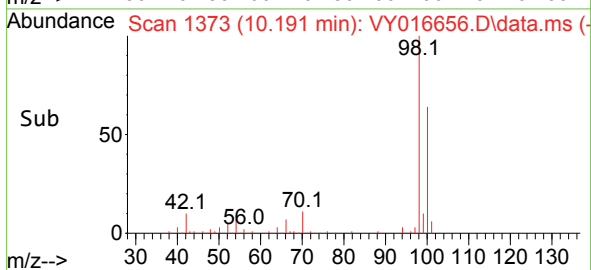
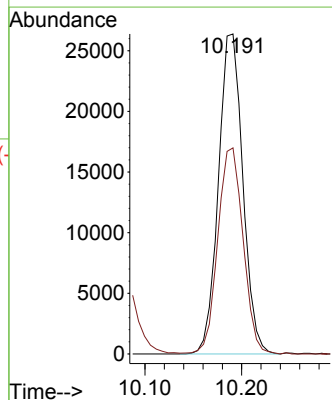
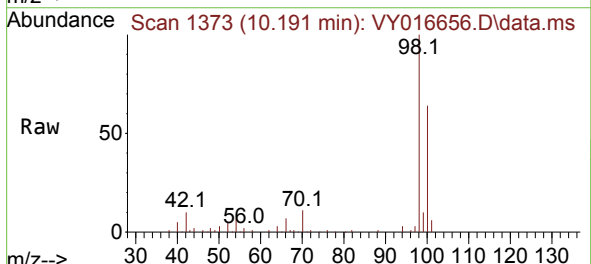
Instrument :
MSVOA_Y
ClientSampleId :

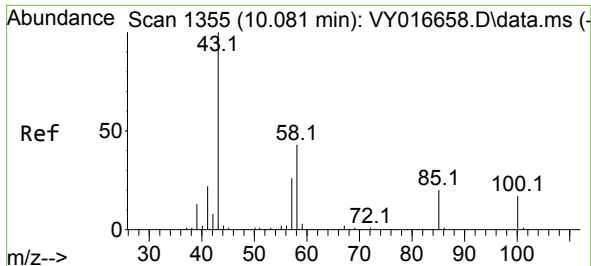
Tgt Ion: 88 Resp: 2527
Ion Ratio Lower Upper
88 100
43 33.0 0.0 0.0#
58 68.0 30.9 46.3#



#50
Toluene-d8
Concen: 8.479 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 98 Resp: 46116
Ion Ratio Lower Upper
98 100
100 66.8 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 52.802 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

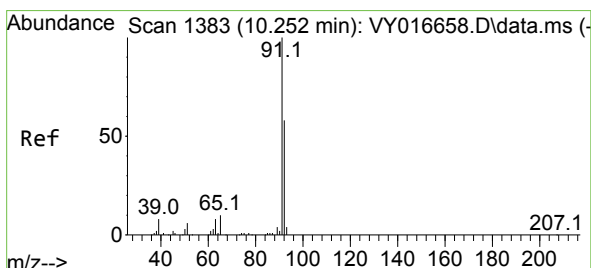
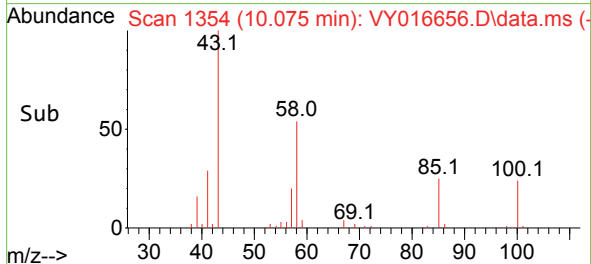
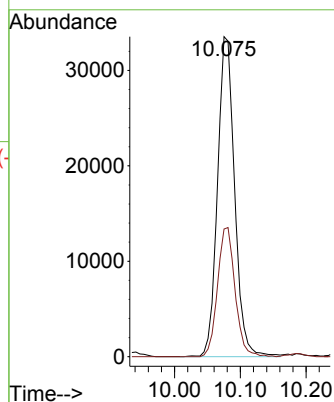
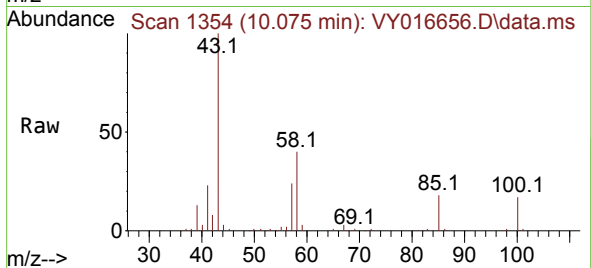
ClientSampleId :

Tgt Ion: 43 Resp: 60791

Ion Ratio Lower Upper

43 100

58 41.3 29.0 43.6



#52

Toluene

Concen: 10.177 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016656.D

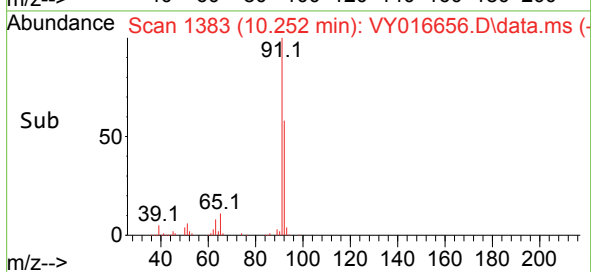
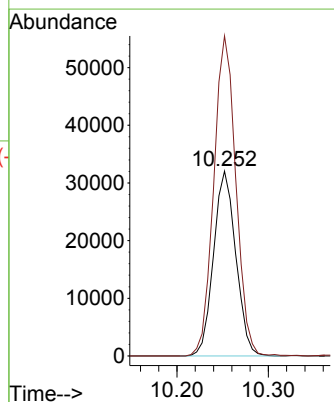
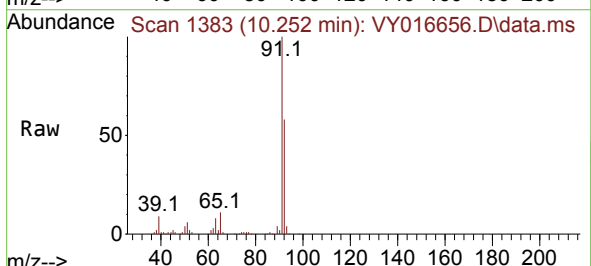
Acq: 15 Dec 2023 15:50

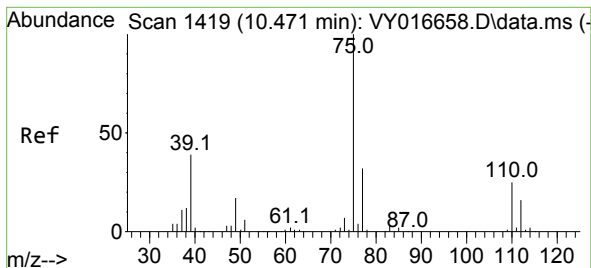
Tgt Ion: 92 Resp: 54151

Ion Ratio Lower Upper

92 100

91 172.6 143.8 215.6

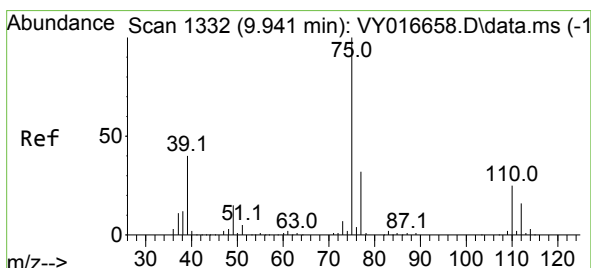
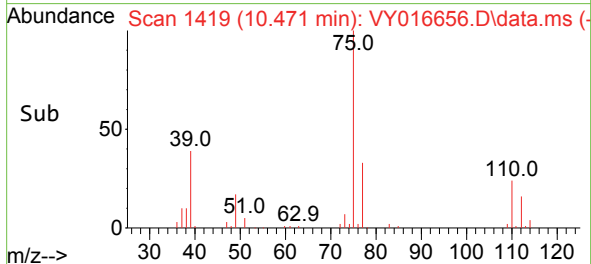
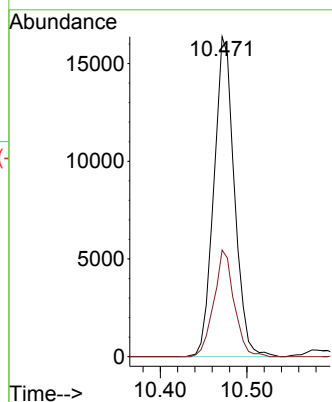
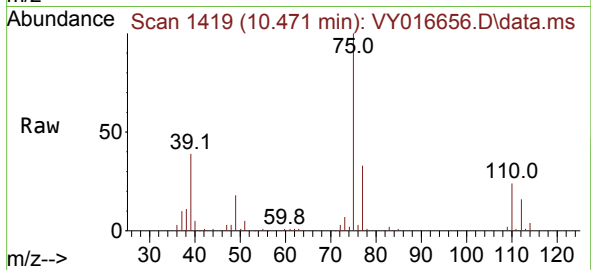




#53
 t-1,3-Dichloropropene
 Concen: 10.295 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY016656.D
 Acq: 15 Dec 2023 15:50

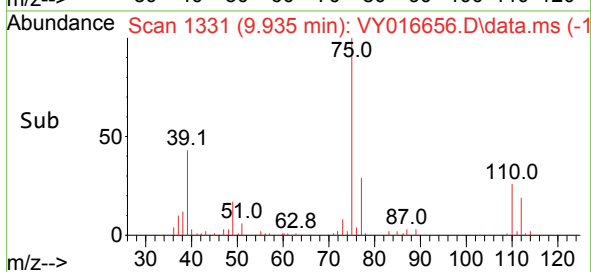
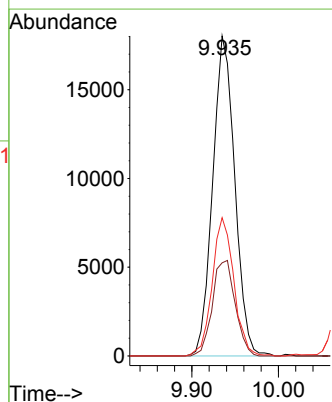
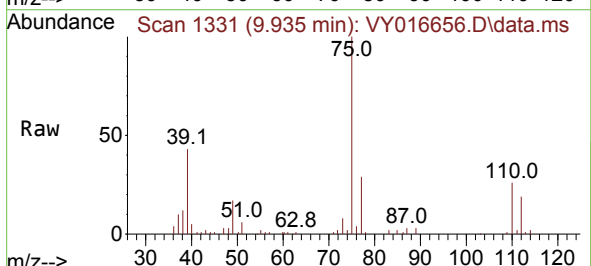
Instrument :
 MSVOA_Y
 ClientSampleId :

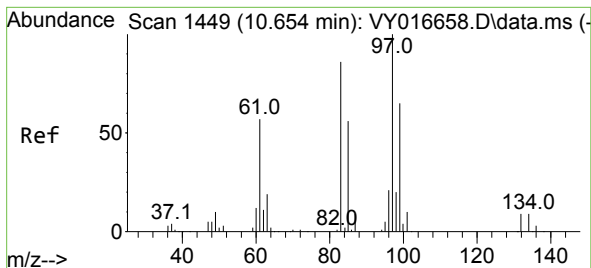
Tgt Ion: 75 Resp: 26932
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 10.161 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016656.D
 Acq: 15 Dec 2023 15:50

Tgt Ion: 75 Resp: 31958
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.2 36.4
 39 43.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 10.461 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 16132

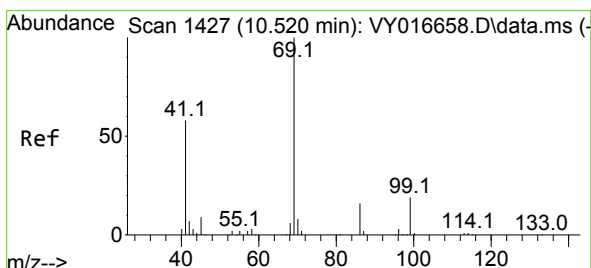
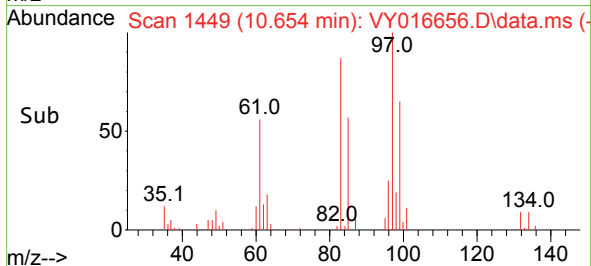
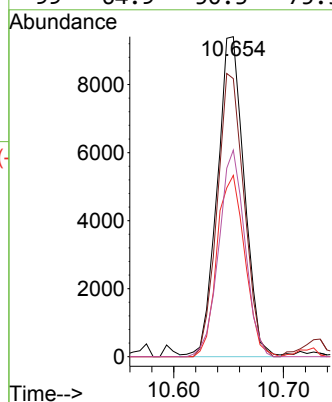
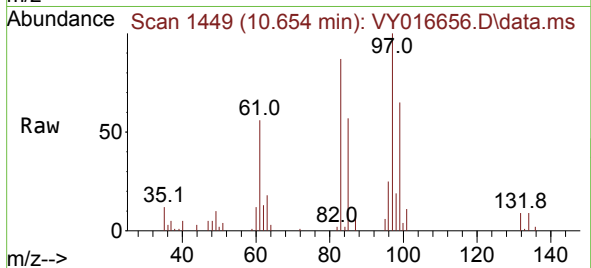
Ion Ratio Lower Upper

97 100

83 87.4 72.0 108.0

85 57.0 45.4 68.0

99 64.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 9.444 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

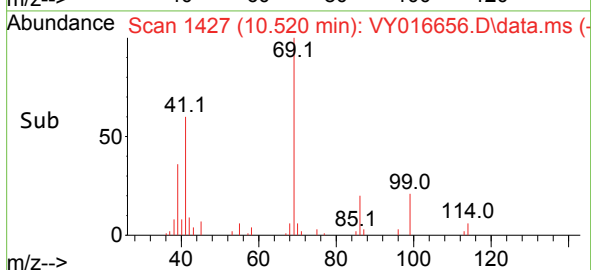
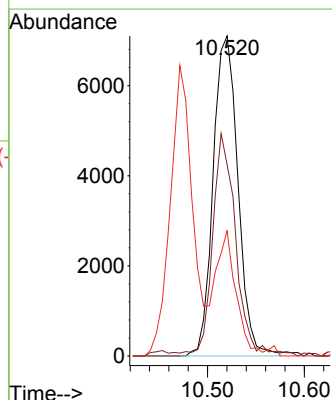
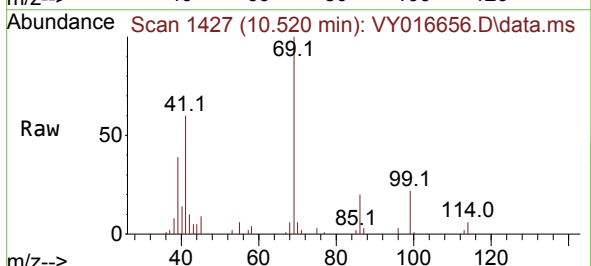
Tgt Ion: 69 Resp: 12627

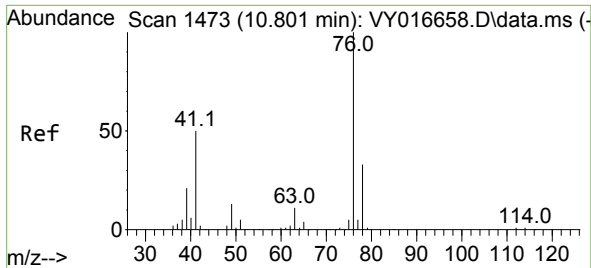
Ion Ratio Lower Upper

69 100

41 64.9 57.6 86.4

39 32.5 34.1 51.1#

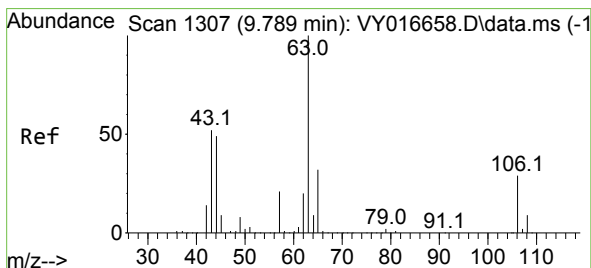
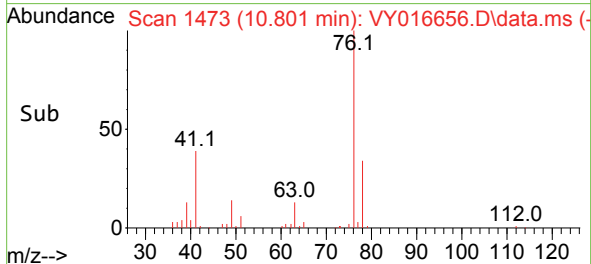
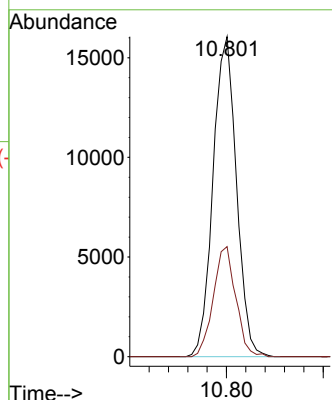
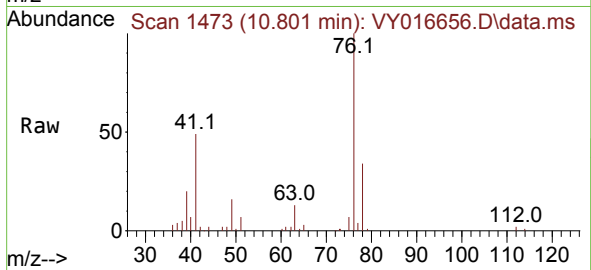




#57
1,3-Dichloropropane
Concen: 10.499 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

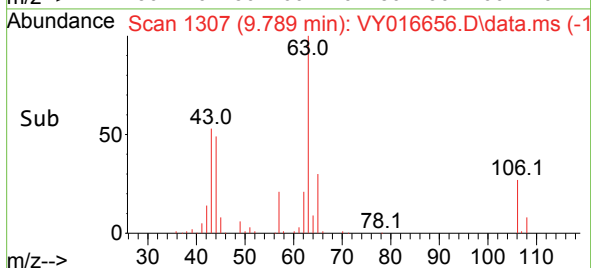
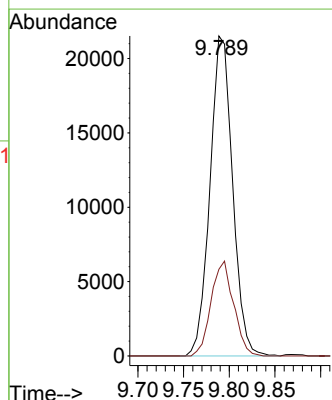
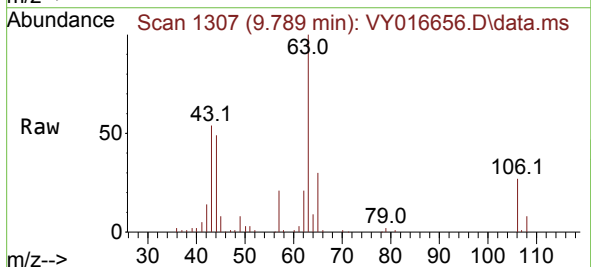
Instrument :
MSVOA_Y
ClientSampleId :

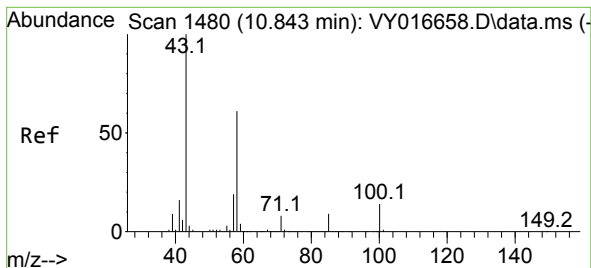
Tgt Ion: 76 Resp: 26945
Ion Ratio Lower Upper
76 100
78 33.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 50.607 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 63 Resp: 36979
Ion Ratio Lower Upper
63 100
106 29.5 21.2 31.8

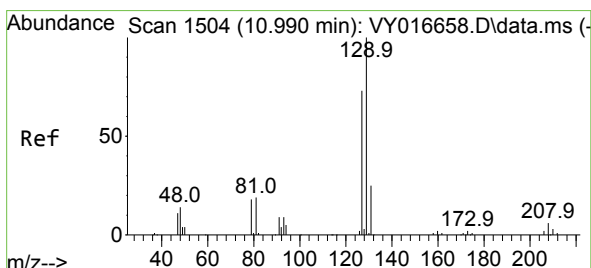
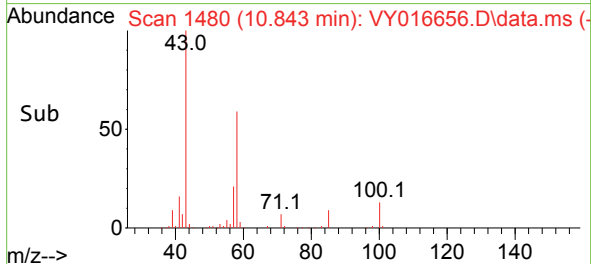
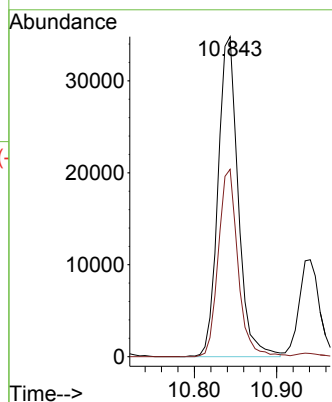
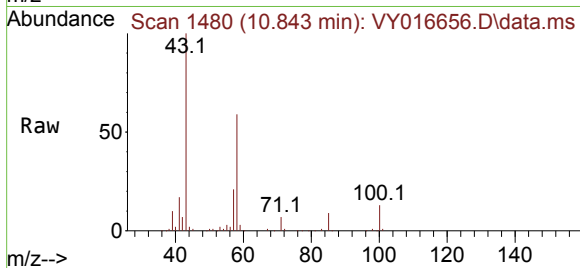




#59
2-Hexanone
Concen: 62.530 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

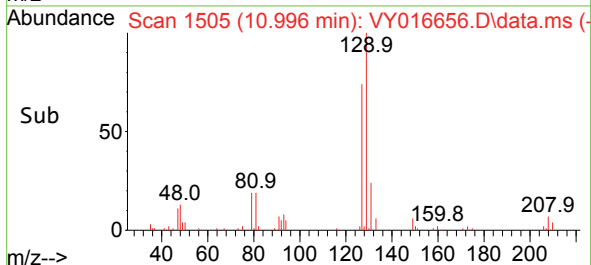
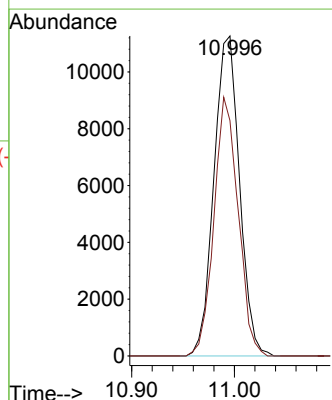
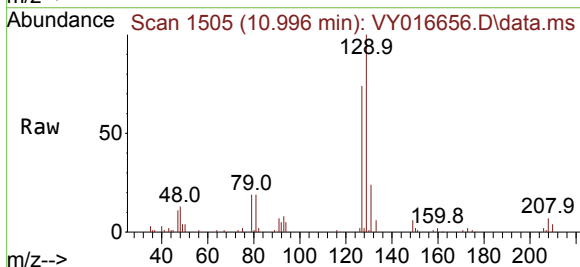
Instrument :
MSVOA_Y
ClientSampleId :

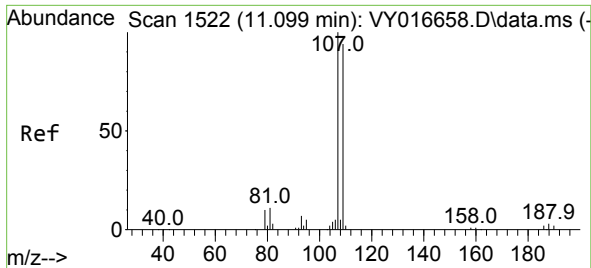
Tgt Ion: 43 Resp: 59062
Ion Ratio Lower Upper
43 100
58 57.2 25.1 75.3



#60
Dibromochloromethane
Concen: 10.423 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion:129 Resp: 19480
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

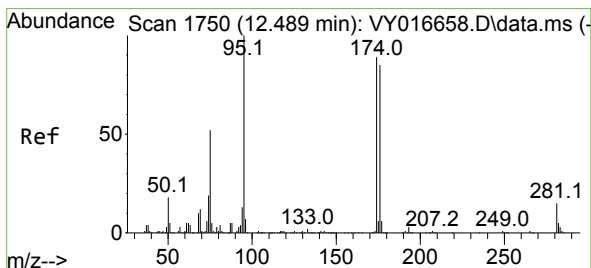
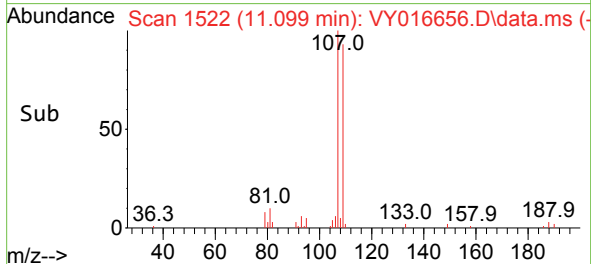
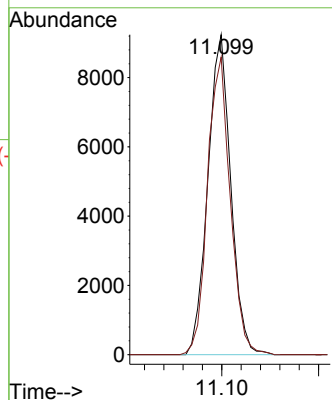
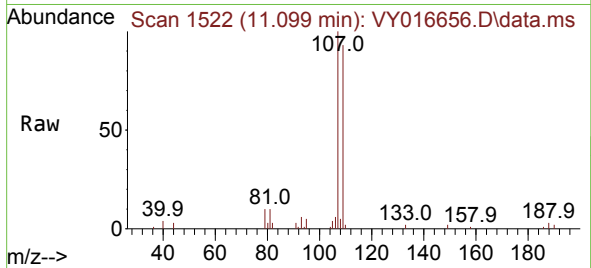




#61
1,2-Dibromoethane
Concen: 10.528 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

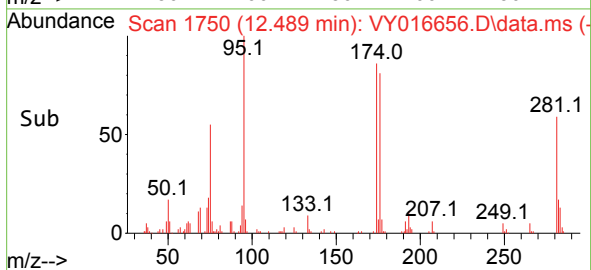
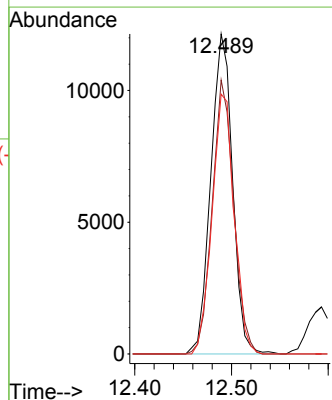
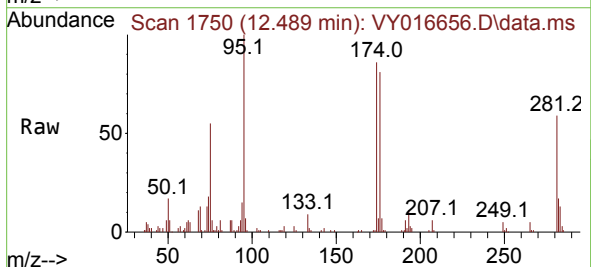
Instrument :
MSVOA_Y
ClientSampleId :

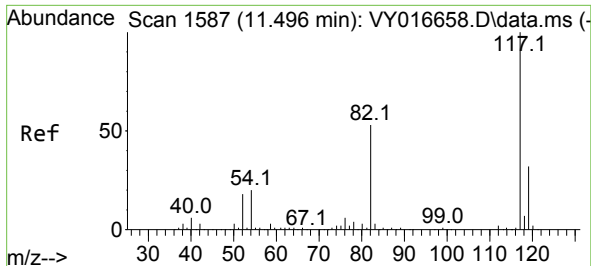
Tgt Ion:107 Resp: 15237
Ion Ratio Lower Upper
107 100
109 92.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 8.457 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 95 Resp: 18965
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 82.6 0.0 173.8

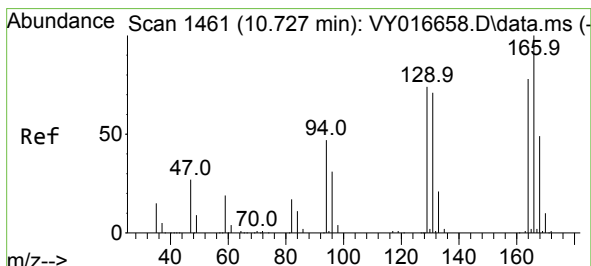
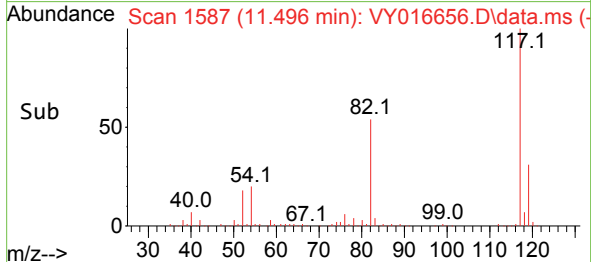
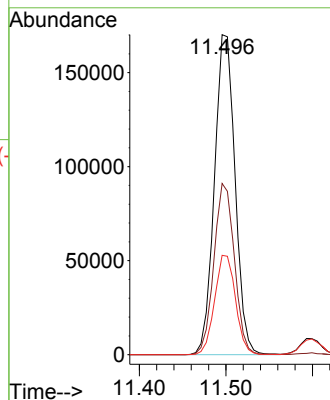
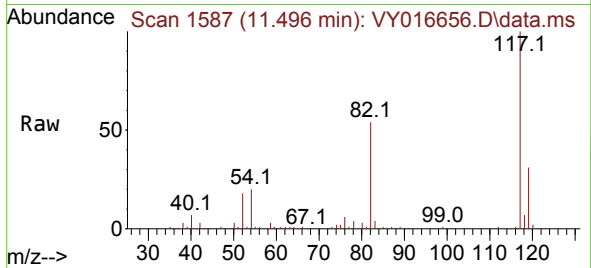




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

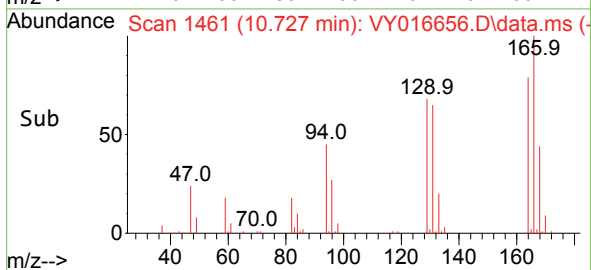
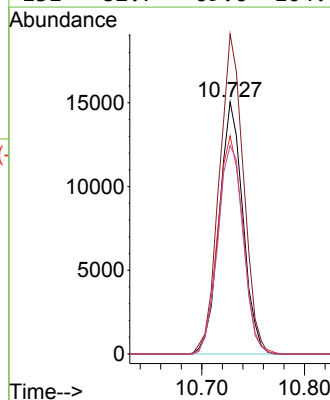
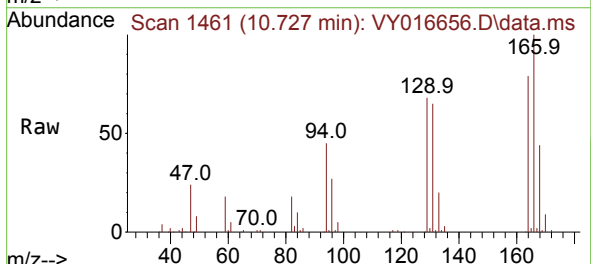
Instrument :
MSVOA_Y
ClientSampleId :

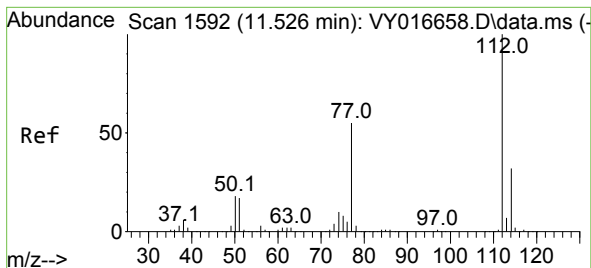
Tgt Ion:117 Resp: 282056
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.1 26.3 39.5



#64
Tetrachloroethene
Concen: 10.421 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion:164 Resp: 24080
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 86.5 77.2 115.8
131 82.7 69.6 104.4





#65

Chlorobenzene

Concen: 10.484 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

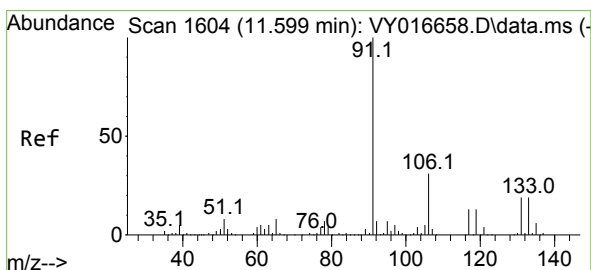
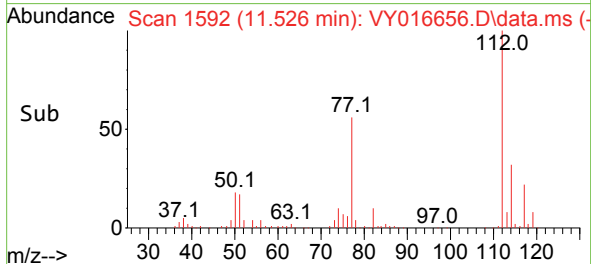
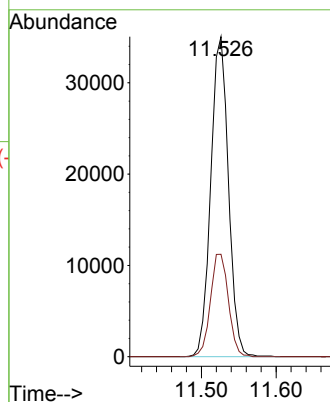
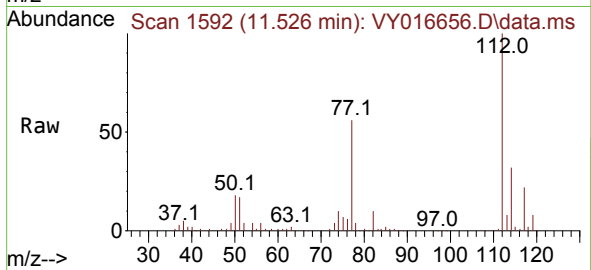
ClientSampleId :

Tgt Ion:112 Resp: 57678

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 10.060 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

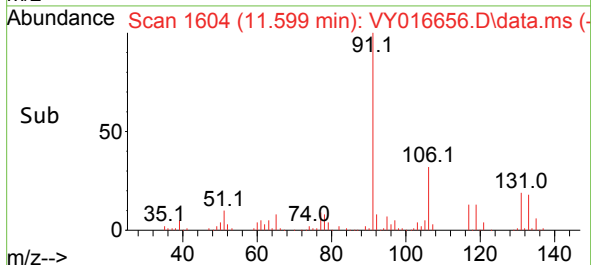
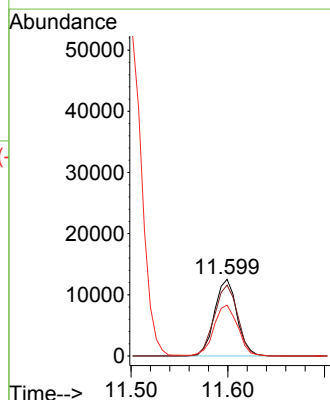
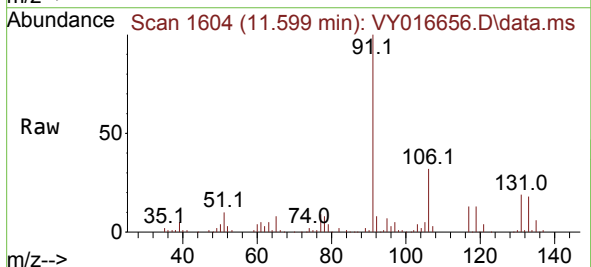
Tgt Ion:131 Resp: 20242

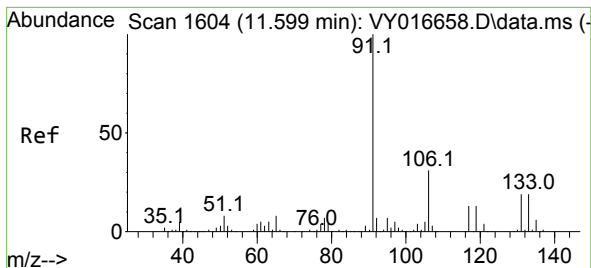
Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.6

119 70.4 31.6 94.7





#67

Ethyl Benzene

Concen: 10.062 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

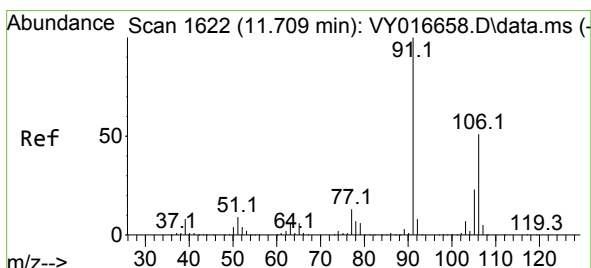
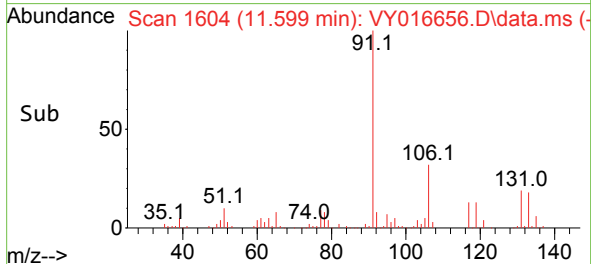
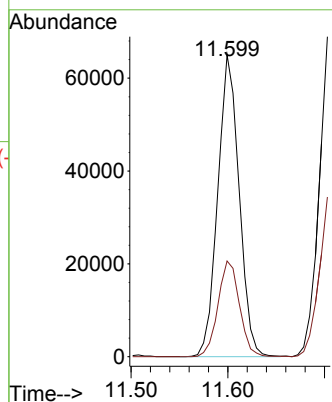
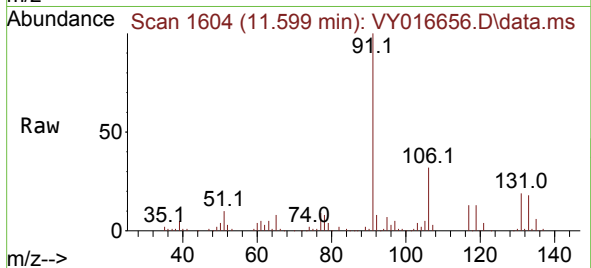
ClientSampleId :

Tgt Ion: 91 Resp: 99587

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 20.030 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016656.D

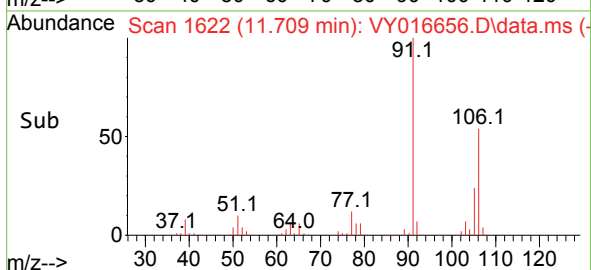
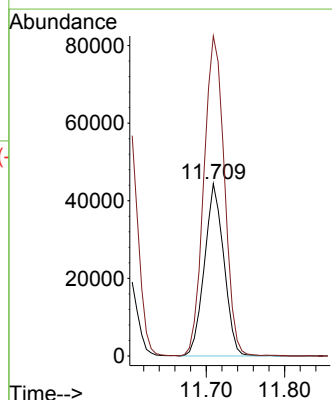
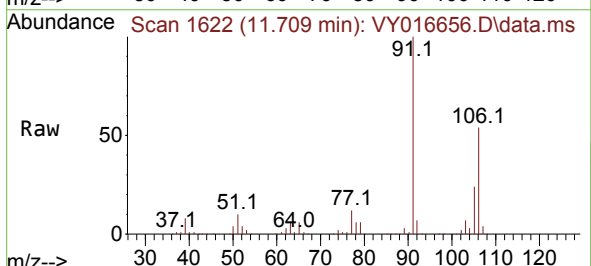
Acq: 15 Dec 2023 15:50

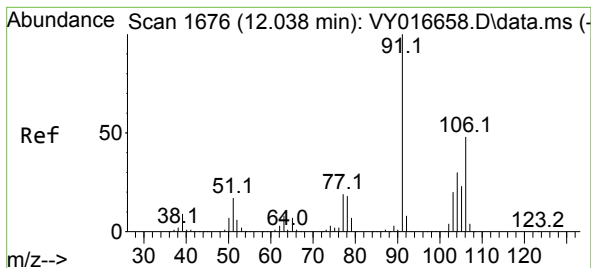
Tgt Ion:106 Resp: 76482

Ion Ratio Lower Upper

106 100

91 196.0 166.1 249.1

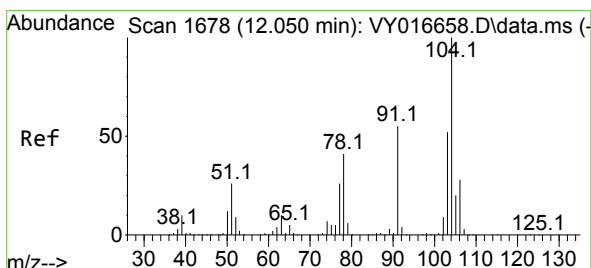
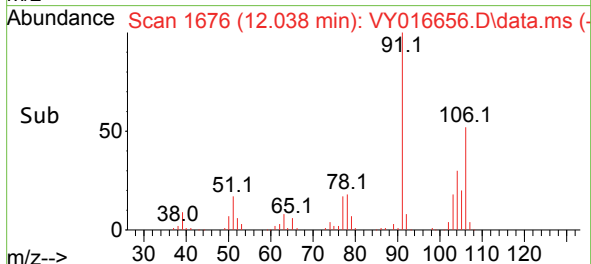
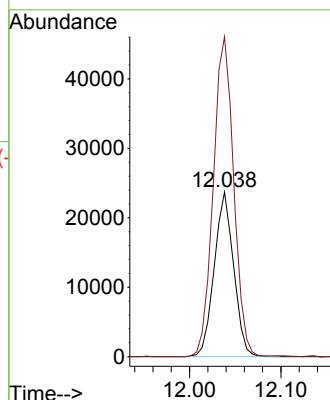
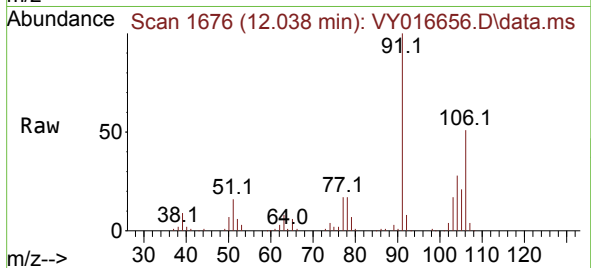




#69
o-Xylene
Concen: 10.012 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

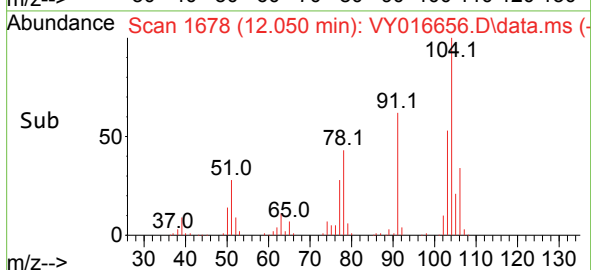
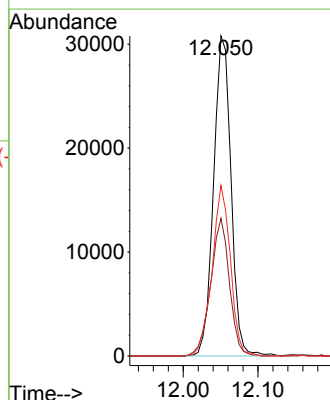
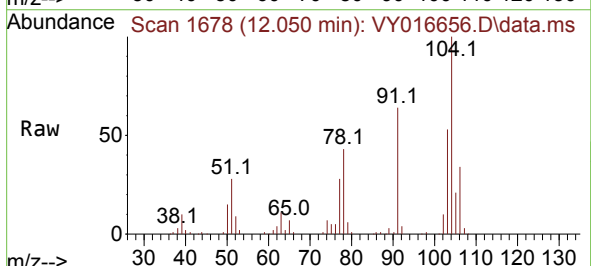
Instrument :
MSVOA_Y
ClientSampleId :

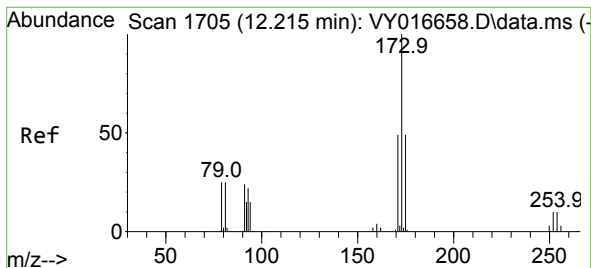
Tgt Ion:106 Resp: 34967
Ion Ratio Lower Upper
106 100
91 204.4 108.1 324.3



#70
Styrene
Concen: 9.875 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion:104 Resp: 49969
Ion Ratio Lower Upper
104 100
78 46.0 41.5 62.3
103 55.9 44.6 67.0





#71

Bromoform

Concen: 10.007 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016656.D

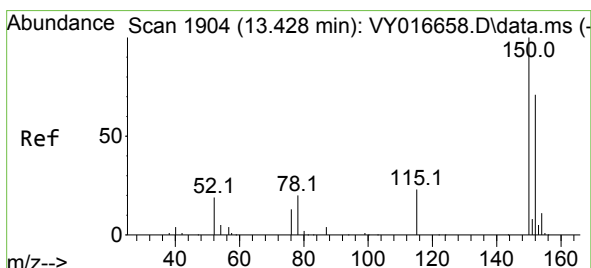
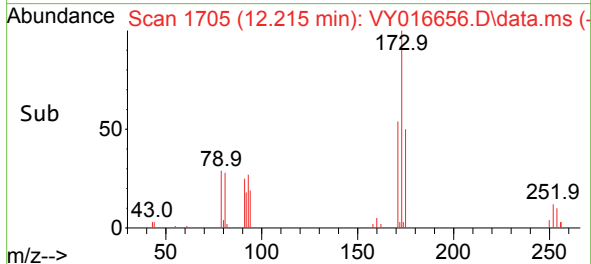
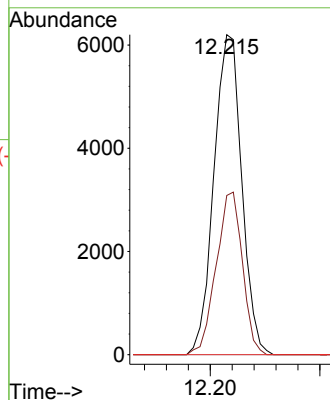
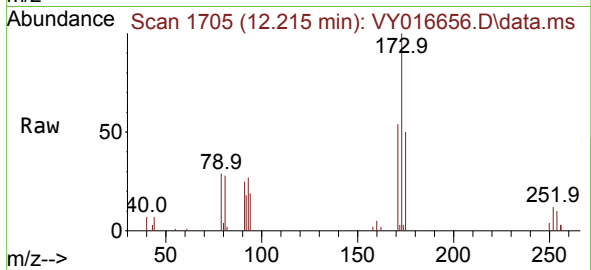
Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	10919
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

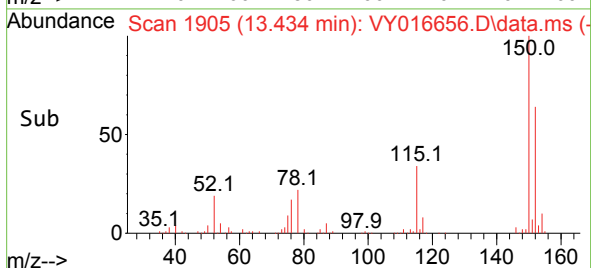
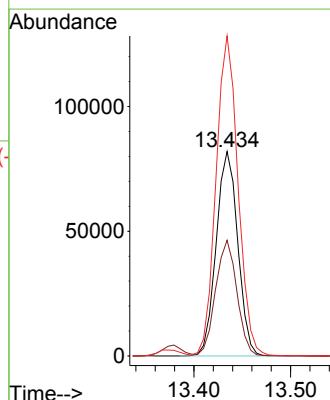
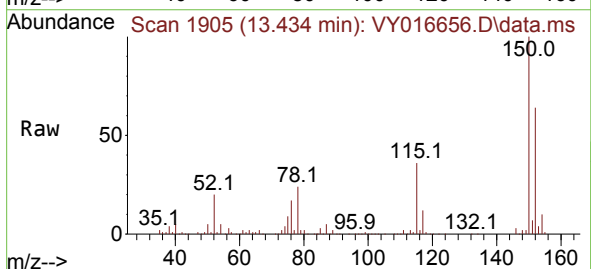
RT: 13.434 min Scan# 1905

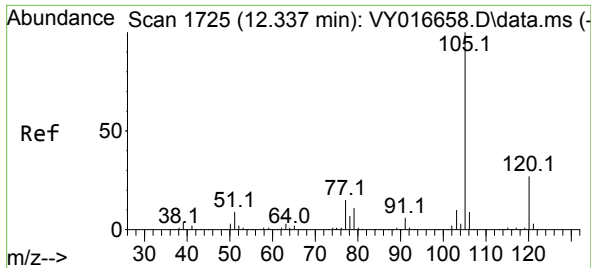
Delta R.T. 0.006 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Tgt Ion:152	Resp:	126947
Ion Ratio	Lower	Upper
152	100	
115	55.9	28.8 86.5
150	159.0	0.0 348.8

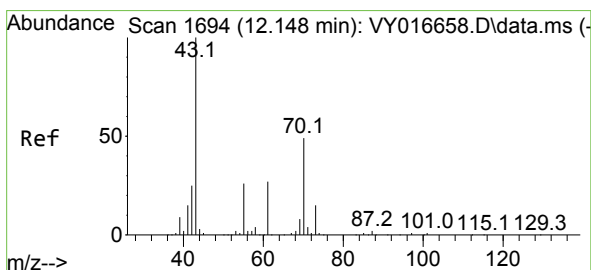
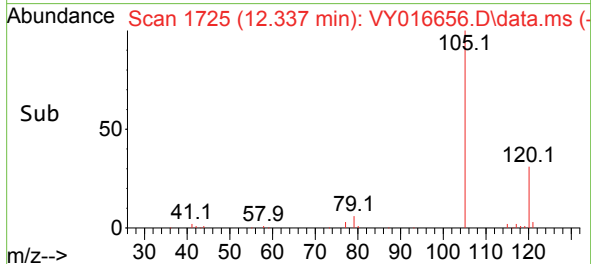
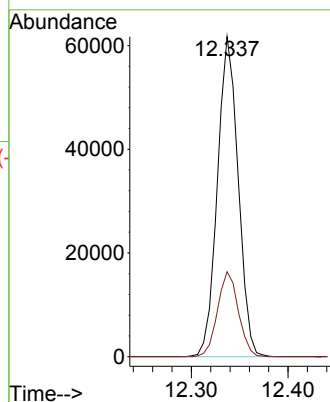
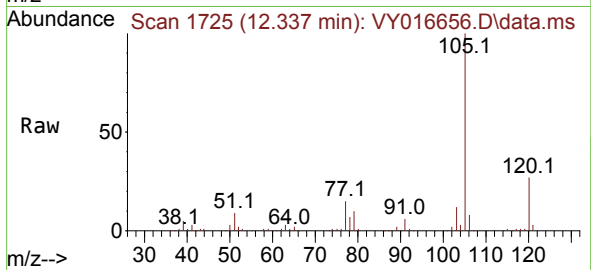




#73
Isopropylbenzene
Concen: 10.288 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

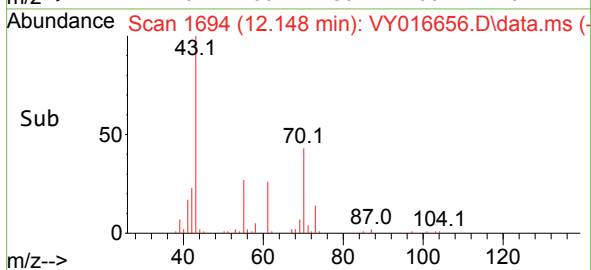
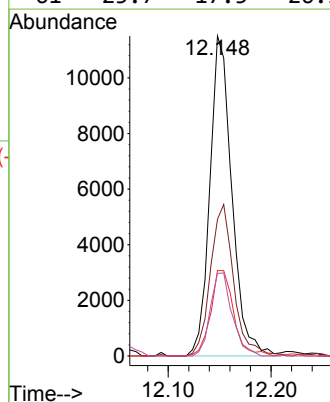
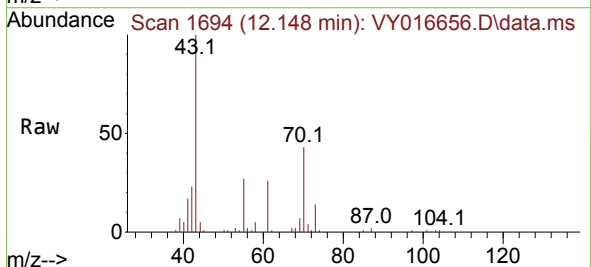
Instrument :
MSVOA_Y
ClientSampleId :

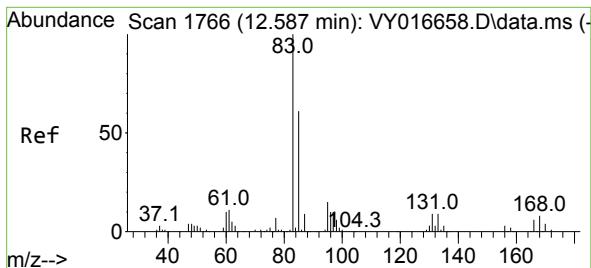
Tgt Ion:105 Resp: 91862
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 10.259 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 43 Resp: 17169
Ion Ratio Lower Upper
43 100
70 49.8 29.7 44.5#
55 27.8 18.3 27.5#
61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 11.392 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

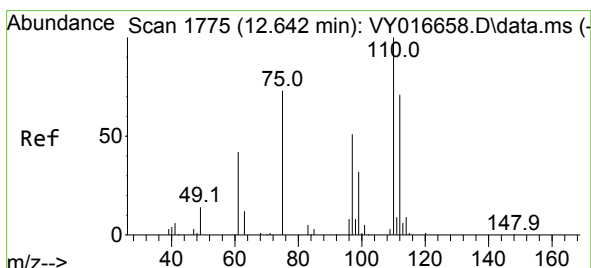
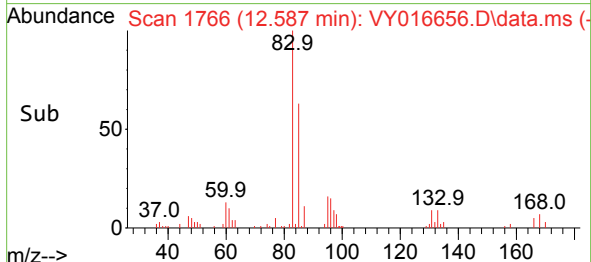
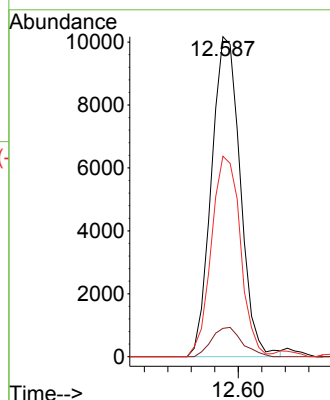
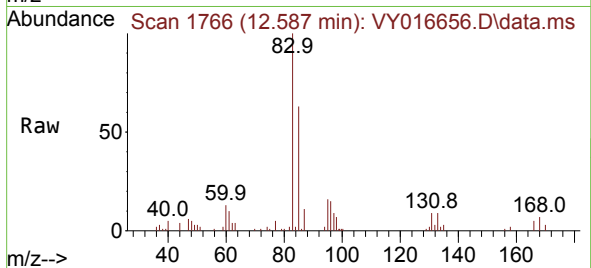
Tgt Ion: 83 Resp: 17306

Ion Ratio Lower Upper

83 100

131 9.7 5.4 16.2

85 63.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 18.990 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016656.D

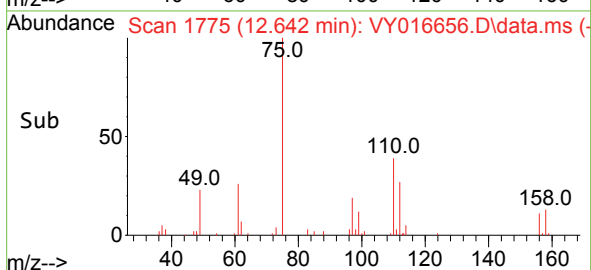
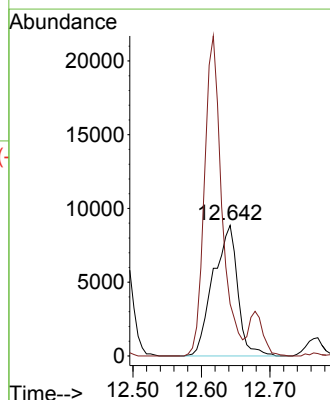
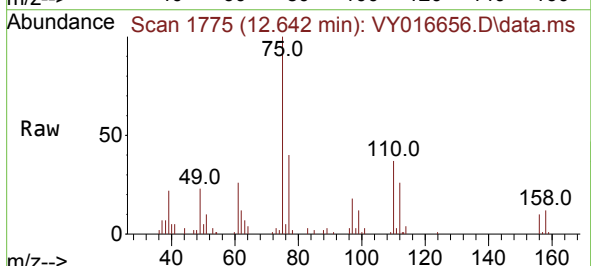
Acq: 15 Dec 2023 15:50

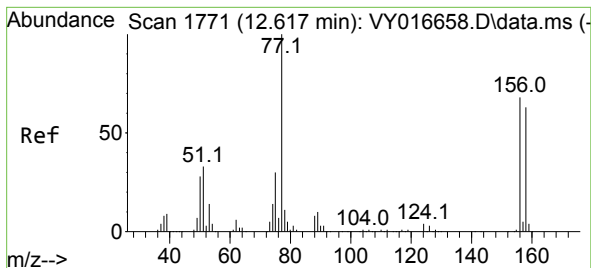
Tgt Ion: 75 Resp: 21983

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.265 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

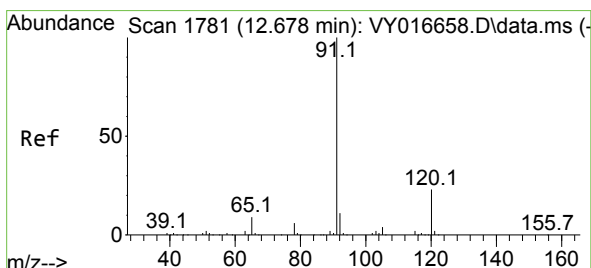
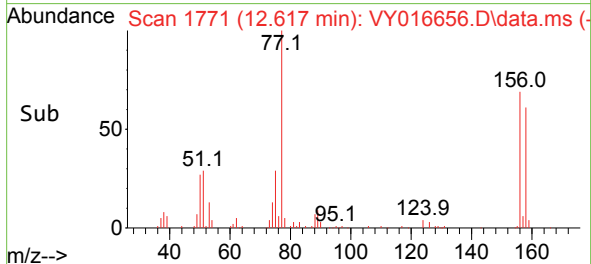
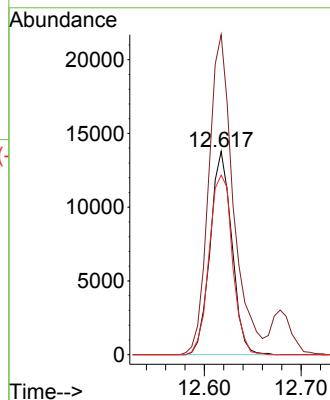
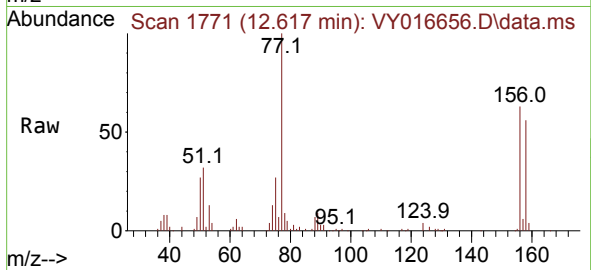
Tgt Ion:156 Resp: 21475

Ion Ratio Lower Upper

156 100

77 178.8 92.8 278.6

158 95.1 48.4 145.3



#78

n-propylbenzene

Concen: 10.293 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016656.D

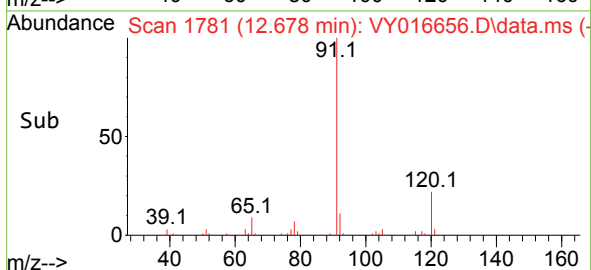
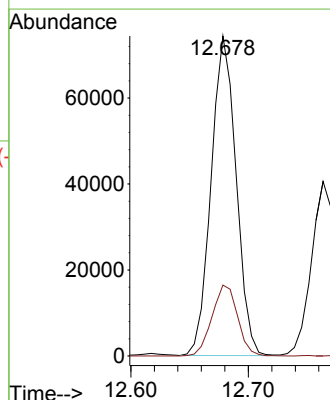
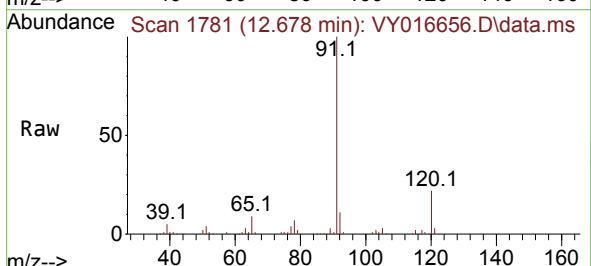
Acq: 15 Dec 2023 15:50

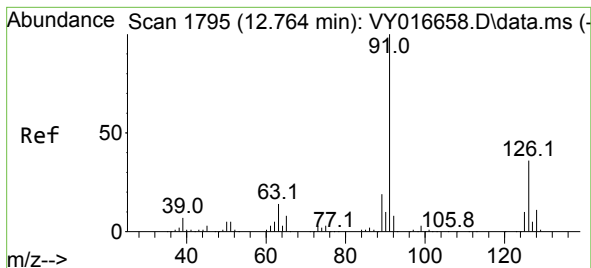
Tgt Ion: 91 Resp: 109855

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 10.491 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

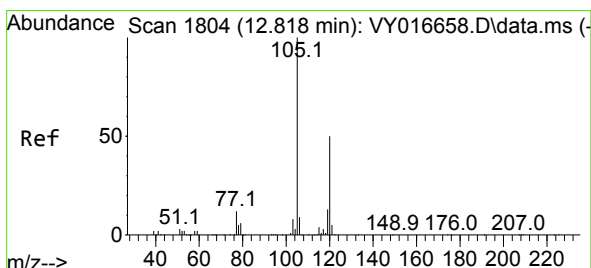
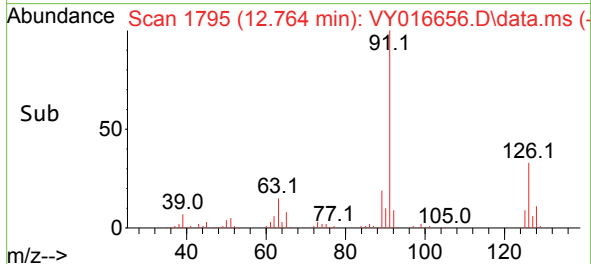
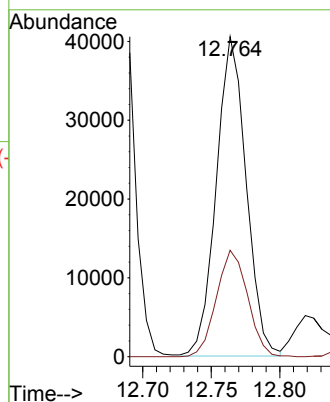
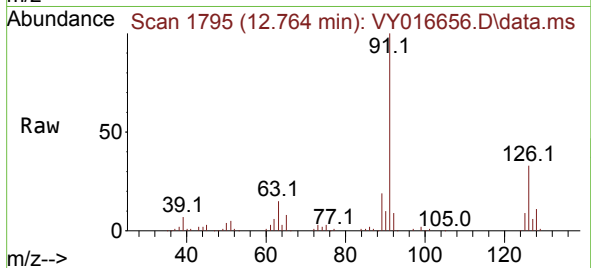
ClientSampleId :

Tgt Ion: 91 Resp: 61484

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 10.159 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016656.D

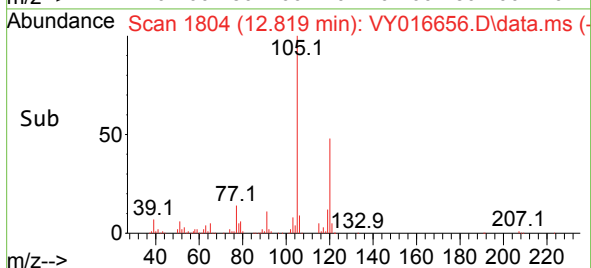
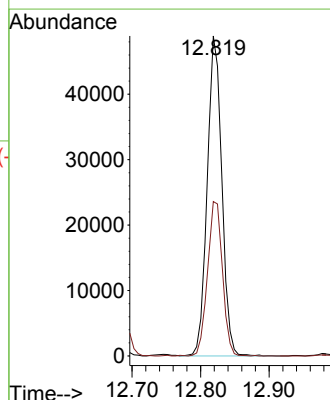
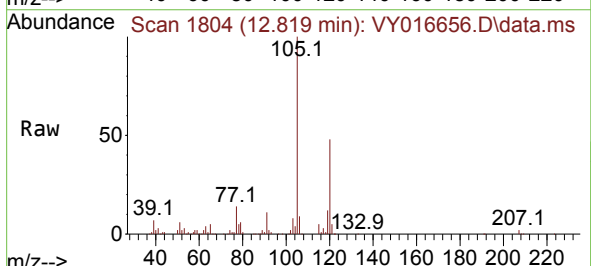
Acq: 15 Dec 2023 15:50

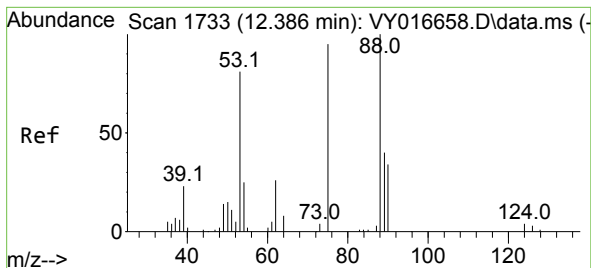
Tgt Ion: 105 Resp: 72532

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

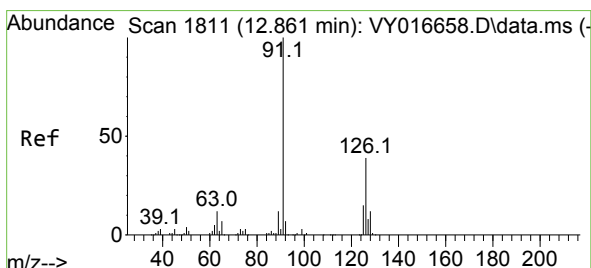
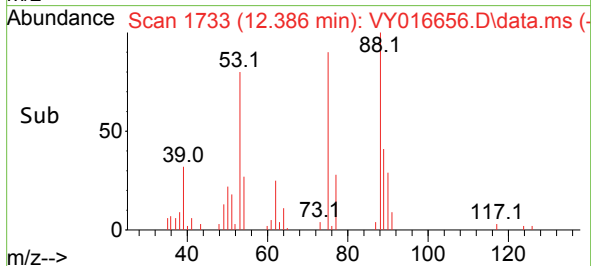
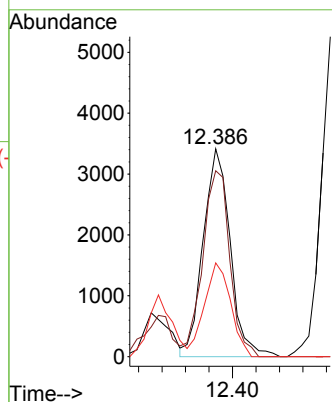
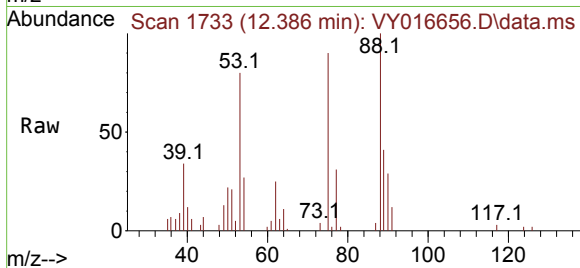




#81
trans-1,4-Dichloro-2-butene
Concen: 10.716 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

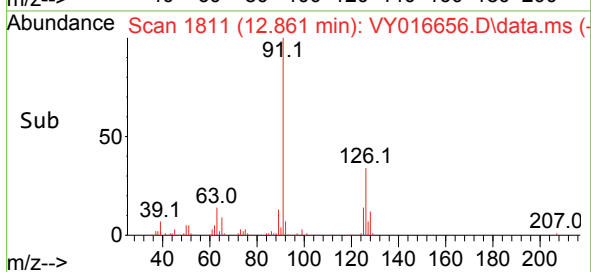
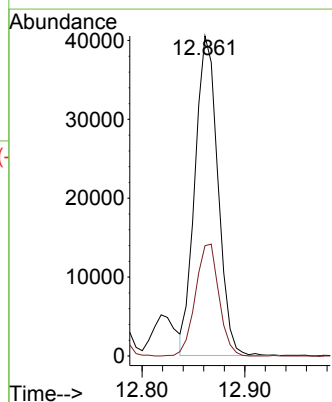
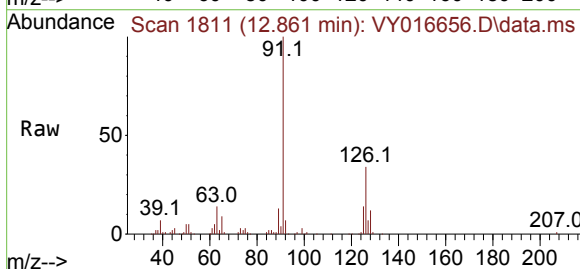
Instrument :
MSVOA_Y
ClientSampleId :

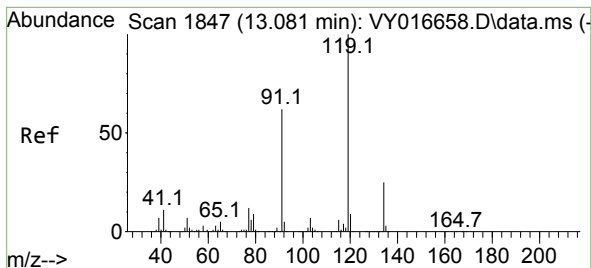
Tgt Ion: 75 Resp: 5453
Ion Ratio Lower Upper
75 100
53 89.7 77.8 116.8
89 43.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 10.354 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 91 Resp: 62753
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 10.014 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

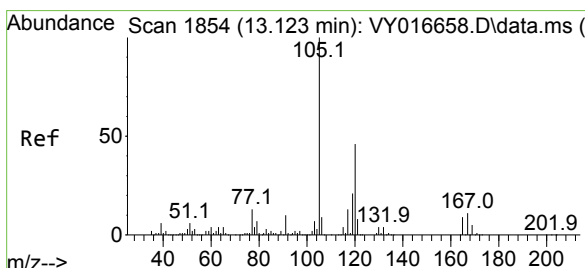
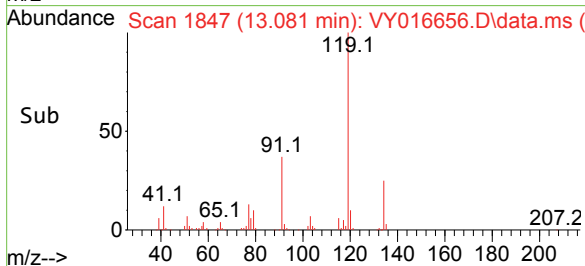
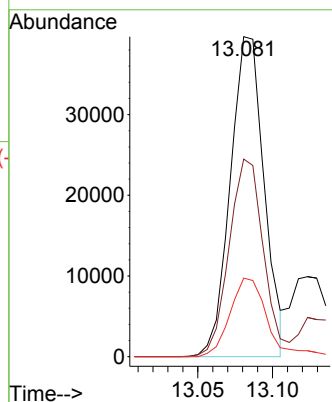
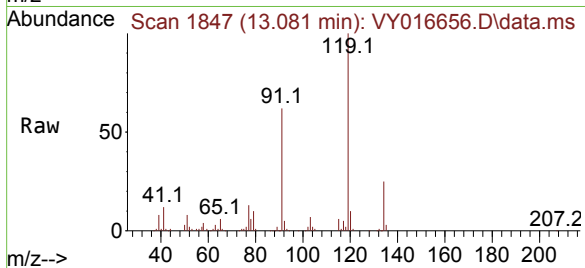
Tgt Ion:119 Resp: 62388

Ion Ratio Lower Upper

119 100

91 62.9 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 10.040 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY016656.D

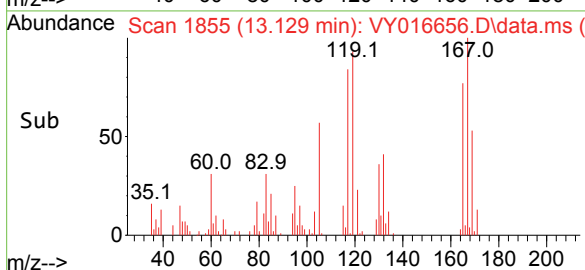
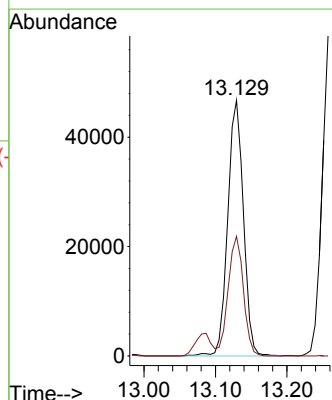
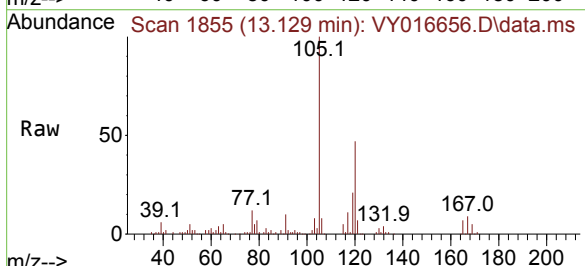
Acq: 15 Dec 2023 15:50

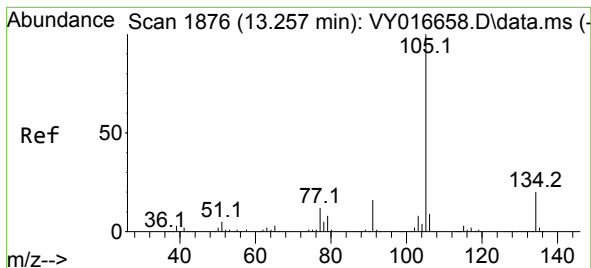
Tgt Ion:105 Resp: 71091

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 10.322 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

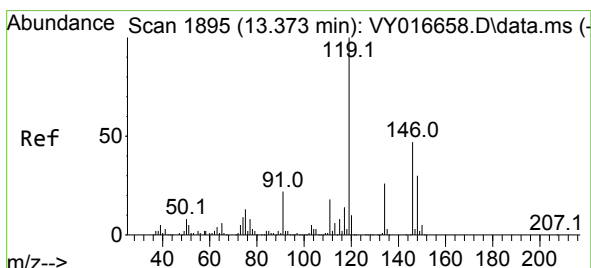
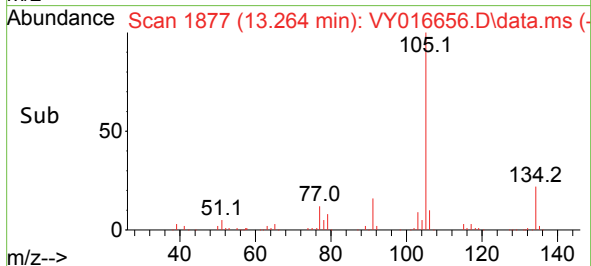
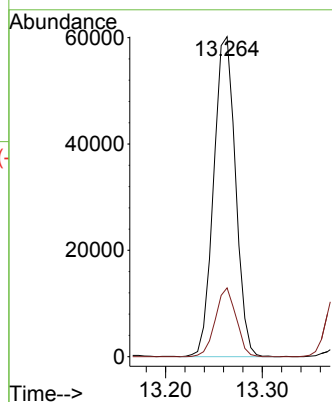
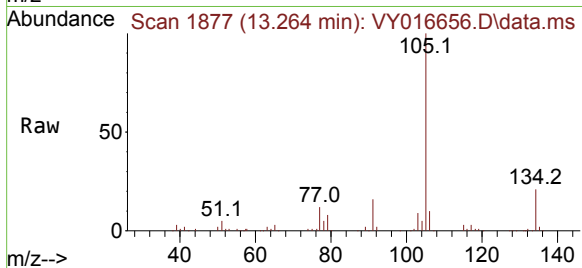
ClientSampleId :

Tgt Ion:105 Resp: 94360

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 9.910 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

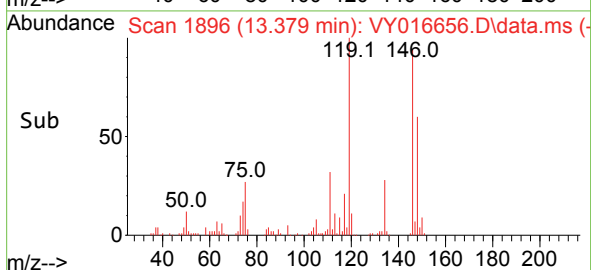
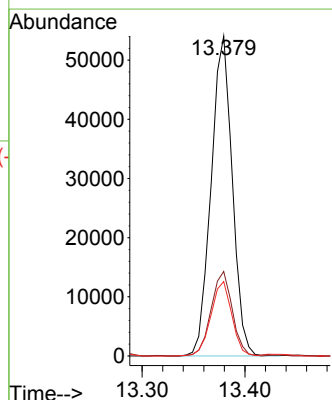
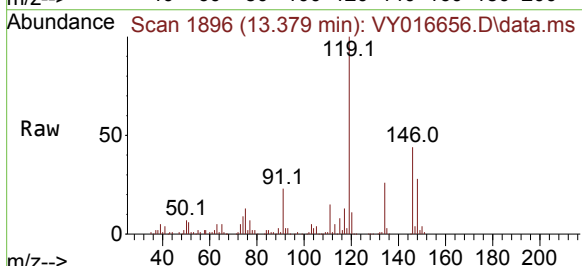
Tgt Ion:119 Resp: 77347

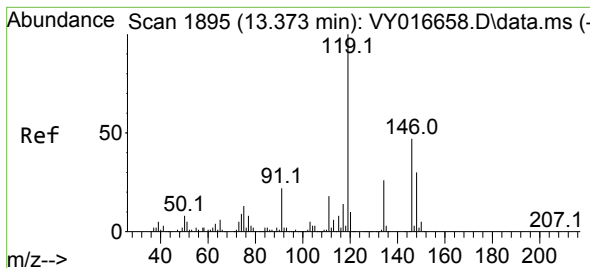
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 10.162 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

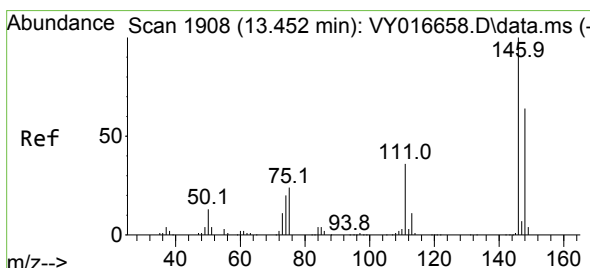
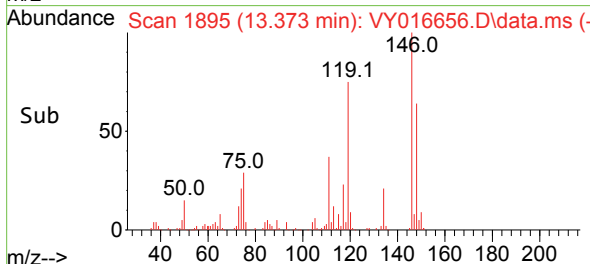
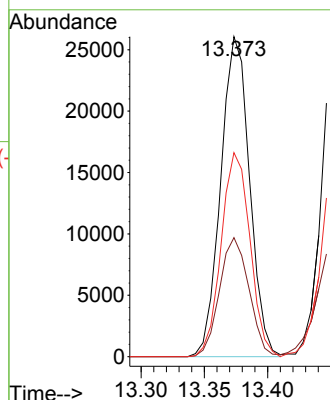
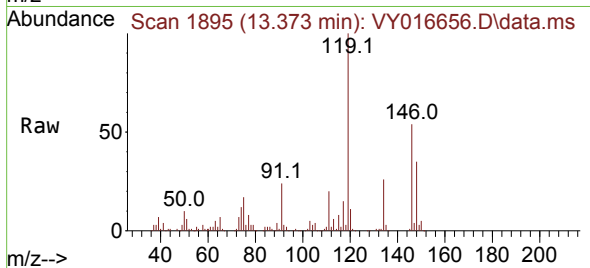
Tgt Ion:146 Resp: 41319

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 10.326 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

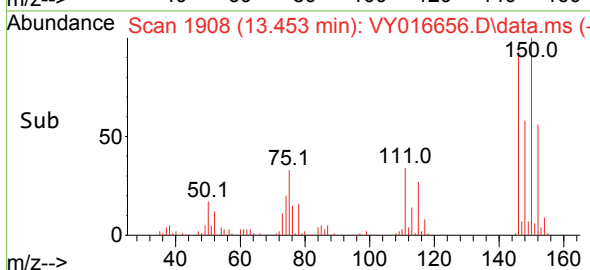
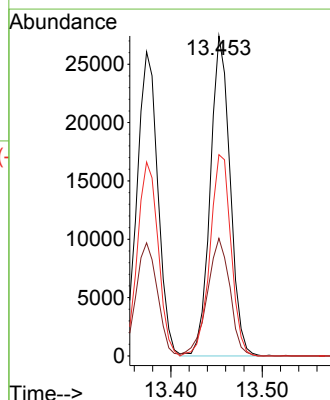
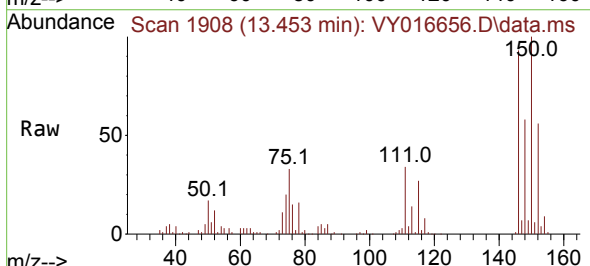
Tgt Ion:146 Resp: 41287

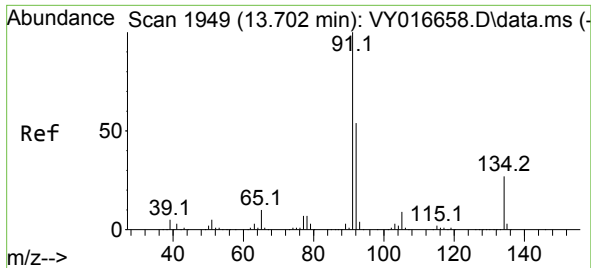
Ion Ratio Lower Upper

146 100

111 41.8 18.9 56.7

148 66.7 32.1 96.5

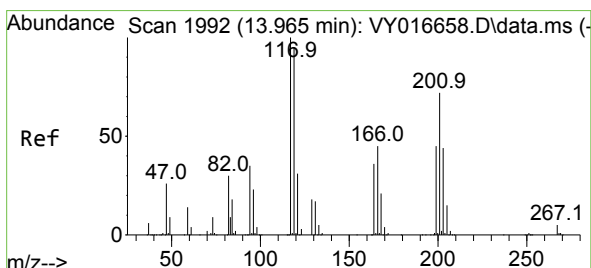
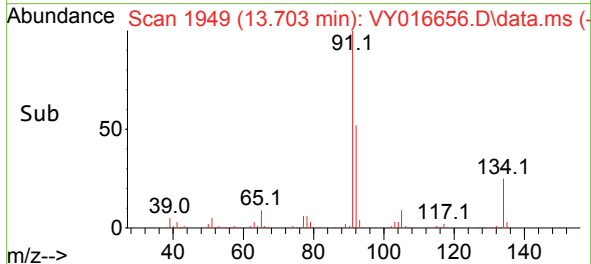
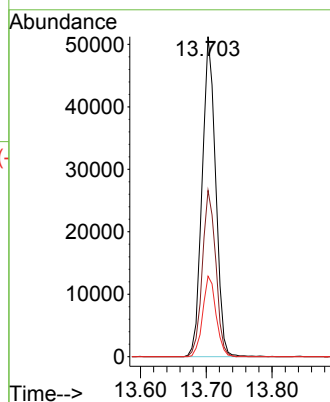
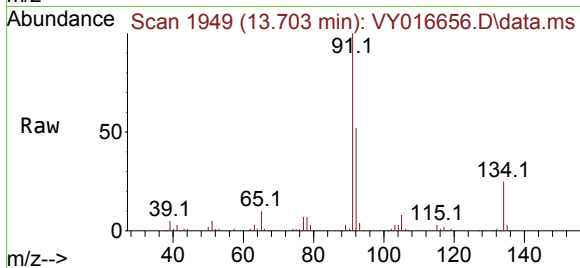




#89
n-Butylbenzene
Concen: 10.112 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

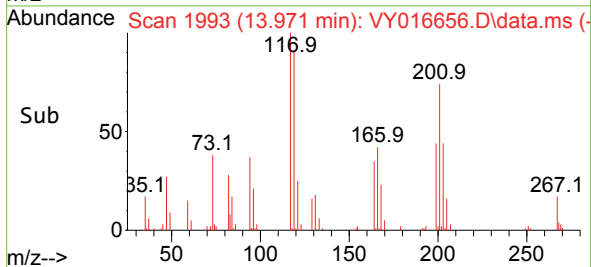
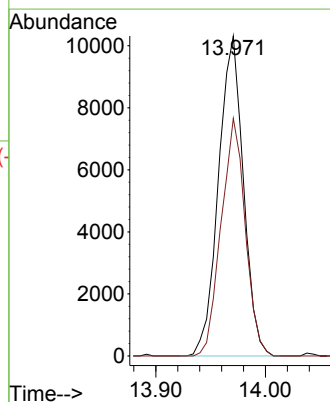
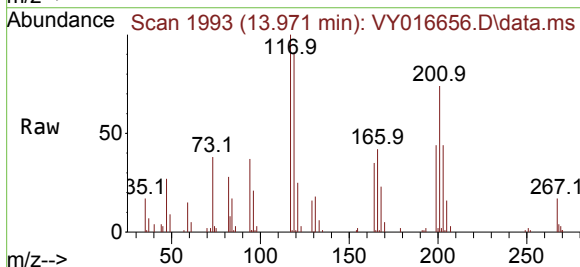
Instrument :
MSVOA_Y
ClientSampleId :

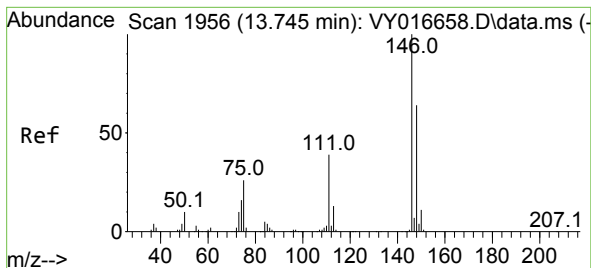
Tgt Ion: 91	Resp: 73320
Ion Ratio	Lower Upper
91	100
92	51.5 25.4 76.0
134	24.8 12.6 37.6



#90
Hexachloroethane
Concen: 10.479 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY016656.D
Acq: 15 Dec 2023 15:50

Tgt Ion: 117	Resp: 16279
Ion Ratio	Lower Upper
117	100
201	71.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 10.299 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

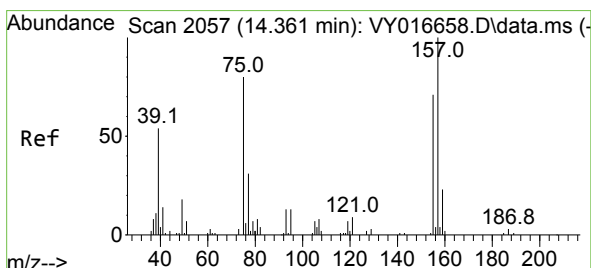
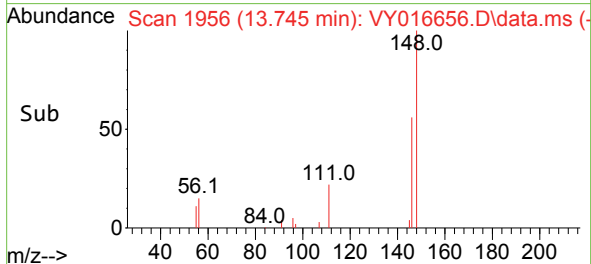
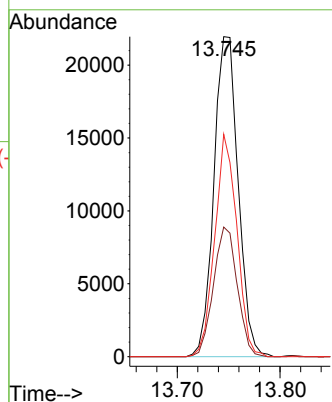
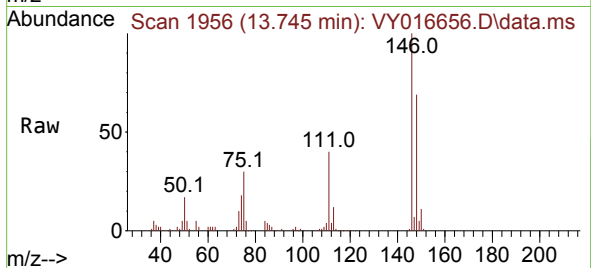
Tgt Ion:146 Resp: 35932

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.779 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

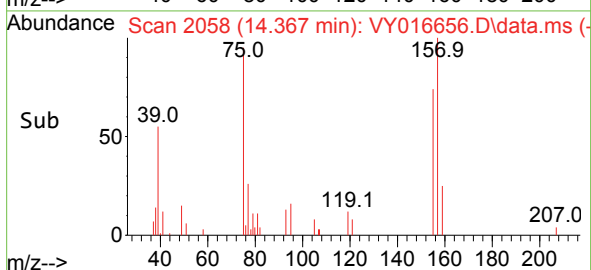
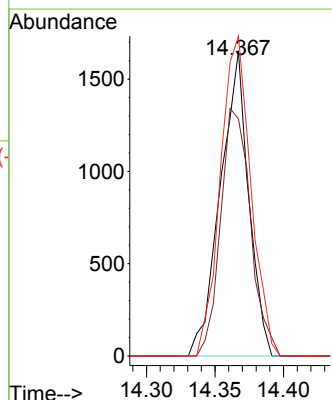
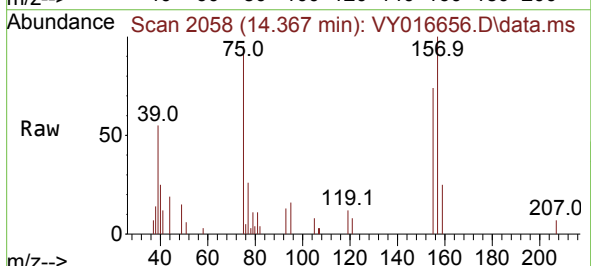
Tgt Ion: 75 Resp: 2370

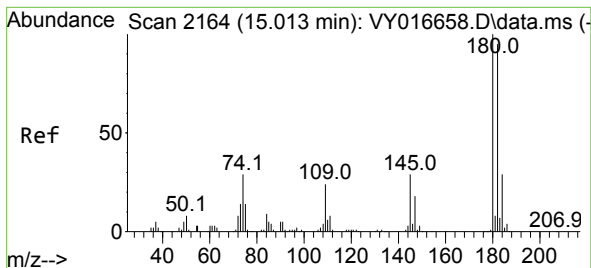
Ion Ratio Lower Upper

75 100

155 85.6 41.5 124.6

157 113.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 9.149 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

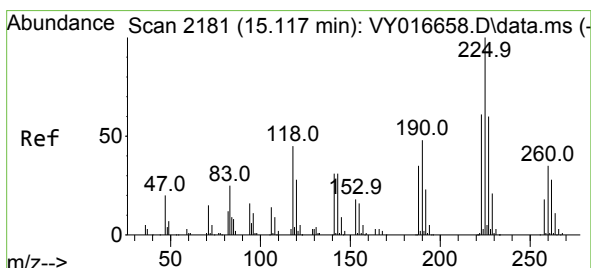
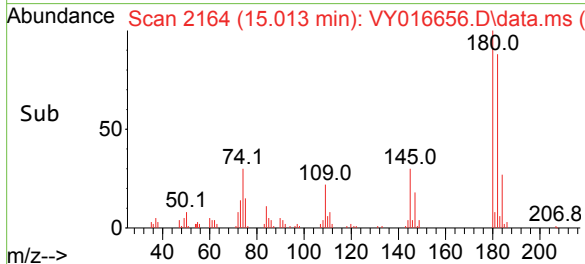
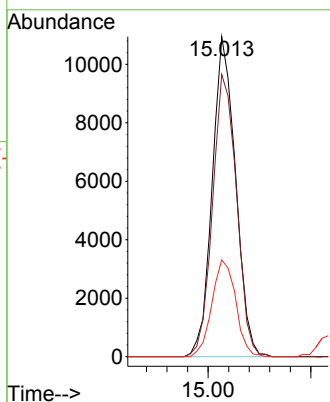
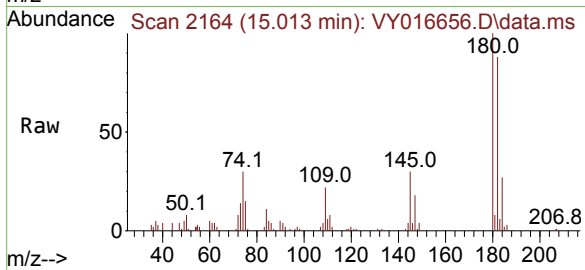
Tgt Ion:180 Resp: 17242

Ion Ratio Lower Upper

180 100

182 90.5 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 10.431 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

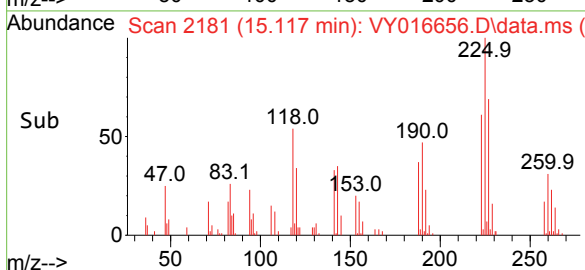
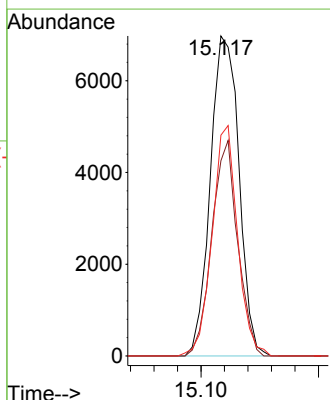
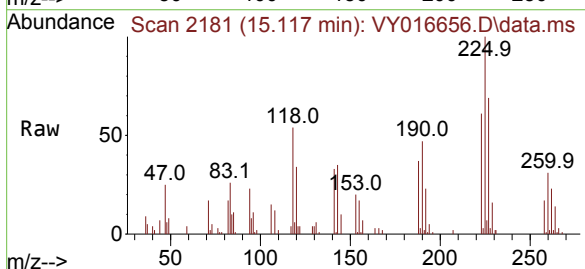
Tgt Ion:225 Resp: 11800

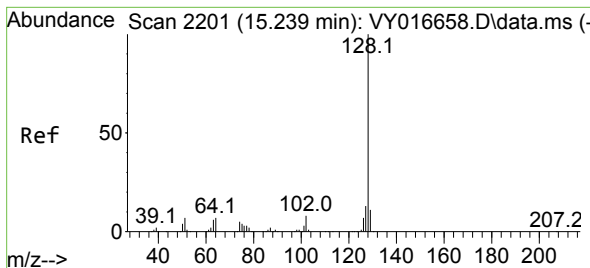
Ion Ratio Lower Upper

225 100

223 61.0 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 9.534 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY016656.D

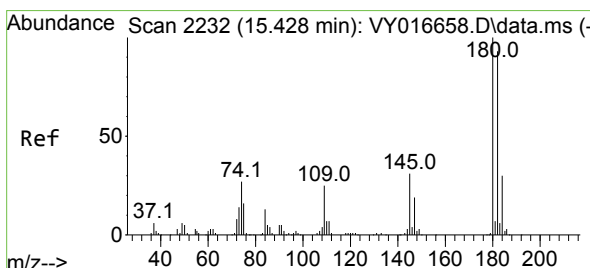
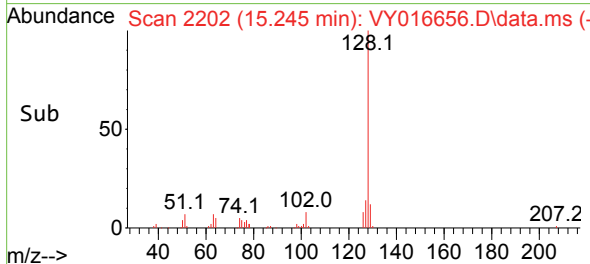
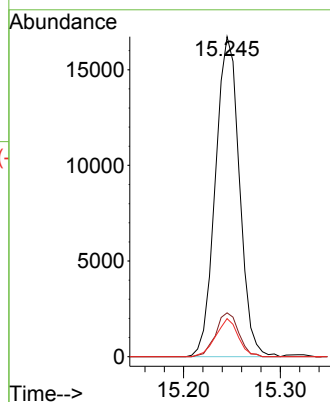
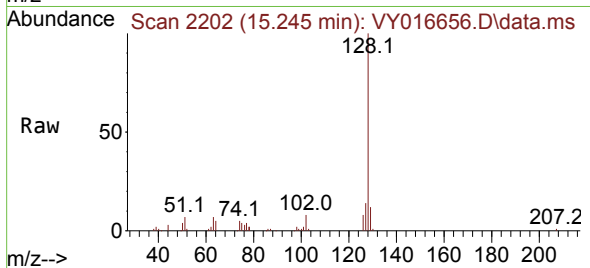
Acq: 15 Dec 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	28806
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.8 16.2
129	11.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.066 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY016656.D

Acq: 15 Dec 2023 15:50

Tgt Ion:180	Resp:	14085
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.3 141.8
145	32.5	15.4 46.2

