

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016015.D
 Acq On : 18 Oct 2023 11:54
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 02:54:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	25944	11.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.280%#
35) Dibromofluoromethane	7.715	113	23132	10.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.140%#
50) Toluene-d8	10.178	98	84809	10.670	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	21.340%#
62) 4-Bromofluorobenzene	12.483	95	30062	10.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.200%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16286	9.614	ug/l	99
3) Chloromethane	2.113	50	21887	10.233	ug/l	97
4) Vinyl Chloride	2.253	62	24107	10.042	ug/l	99
5) Bromomethane	2.643	94	18016	10.288	ug/l	99
6) Chloroethane	2.790	64	16312	10.567	ug/l	96
7) Trichlorofluoromethane	3.125	101	37011	10.131	ug/l	99
8) Diethyl Ether	3.533	74	12780	9.902	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	21070	10.026	ug/l	94
10) Methyl Iodide	4.094	142	27106	9.878	ug/l	97
11) Tert butyl alcohol	4.966	59	19279	53.612	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	19167	9.748	ug/l	95
13) Acrolein	3.734	56	14638	42.260	ug/l	99
14) Allyl chloride	4.484	41	30365	9.876	ug/l	95
15) Acrylonitrile	5.167	53	38843	50.446	ug/l	99
16) Acetone	3.954	43	42759	49.516	ug/l	90
17) Carbon Disulfide	4.198	76	57194	9.929	ug/l	98
18) Methyl Acetate	4.484	43	29593	9.957	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	62736	9.890	ug/l	96
20) Methylene Chloride	4.722	84	27431	10.693	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	22803	9.959	ug/l	94
22) Diisopropyl ether	6.124	45	66136	9.879	ug/l	91
23) Vinyl Acetate	6.063	43	200672	48.321	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	39133	9.853	ug/l	98
25) 2-Butanone	6.990	43	59637	50.420	ug/l	94
26) 2,2-Dichloropropane	6.984	77	36116	10.106	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	25960	9.844	ug/l	95
28) Bromochloromethane	7.338	49	17347	10.212	ug/l	90
29) Tetrahydrofuran	7.350	42	35723	49.896	ug/l	92
30) Chloroform	7.508	83	43209	10.146	ug/l	99
31) Cyclohexane	7.789	56	36556	10.026	ug/l #	76
32) 1,1,1-Trichloroethane	7.703	97	37587	9.865	ug/l	99
36) 1,1-Dichloropropene	7.917	75	32310	9.813	ug/l	99
37) Ethyl Acetate	7.075	43	23762	10.012	ug/l #	95
38) Carbon Tetrachloride	7.904	117	34861	9.962	ug/l	98
39) Methylcyclohexane	9.185	83	39364	9.567	ug/l	92
40) Benzene	8.161	78	91314	9.840	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	32350	27.072	ug/l #	39
42) 1,2-Dichloroethane	8.240	62	30416	10.175	ug/l	96
43) Isopropyl Acetate	8.276	43	39497	9.519	ug/l	94
44) Trichloroethene	8.941	130	25536	9.814	ug/l	96
45) 1,2-Dichloropropane	9.215	63	23109	9.951	ug/l	93
46) Dibromomethane	9.307	93	15648	10.149	ug/l	94
47) Bromodichloromethane	9.496	83	33705	9.974	ug/l	96
48) Methyl methacrylate	9.294	41	17827	9.438	ug/l #	86
49) 1,4-Dioxane	9.307	88	5005	203.869	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	117314	49.165	ug/l	92
52) Toluene	10.246	92	59410	9.871	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	35554	9.713	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	38691	9.696	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	20999	9.914	ug/l	94
56) Ethyl methacrylate	10.508	69	28895	9.335	ug/l	88
57) 1,3-Dichloropropane	10.788	76	36119	10.052	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	76544	51.481	ug/l	93
59) 2-Hexanone	10.831	43	89057	49.055	ug/l	89
60) Dibromochloromethane	10.983	129	25266	9.863	ug/l	99
61) 1,2-Dibromoethane	11.087	107	21463	9.957	ug/l	99
64) Tetrachloroethene	10.721	164	23601	10.066	ug/l	96
65) Chlorobenzene	11.514	112	65546	10.010	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	24524	9.936	ug/l	99
67) Ethyl Benzene	11.593	91	112675	9.724	ug/l	98
68) m/p-Xylenes	11.703	106	88895	19.674	ug/l	95
69) o-Xylene	12.032	106	42012	9.774	ug/l	97
70) Styrene	12.044	104	71058	9.699	ug/l	96
71) Bromoform	12.209	173	16714	9.624	ug/l #	99
73) Isopropylbenzene	12.331	105	112684	9.585	ug/l	99
74) N-amyl acetate	12.142	43	34185	9.206	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	28678	9.739	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	35409	15.972	ug/l #	100
77) Bromobenzene	12.605	156	28142	9.862	ug/l	97
78) n-propylbenzene	12.672	91	134774	9.518	ug/l	99
79) 2-Chlorotoluene	12.757	91	76138	9.579	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	94306	9.685	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9401	9.222	ug/l	96
82) 4-Chlorotoluene	12.855	91	80800	9.741	ug/l	99
83) tert-Butylbenzene	13.074	119	81003	9.487	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	93418	9.661	ug/l	98
85) sec-Butylbenzene	13.251	105	122122	9.576	ug/l	100
86) p-Isopropyltoluene	13.367	119	102000	9.571	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	53761	9.683	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	55542	9.936	ug/l	98
89) n-Butylbenzene	13.696	91	95418	9.618	ug/l	97
90) Hexachloroethane	13.958	117	19623	9.659	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	50123	9.833	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5496	9.805	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	32152	9.901	ug/l	98
94) Hexachlorobutadiene	15.110	225	18172	10.303	ug/l	96
95) Naphthalene	15.239	128	75997	9.535	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	29683	10.007	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 19 02:50:45 2023
Response via : Initial Calibration

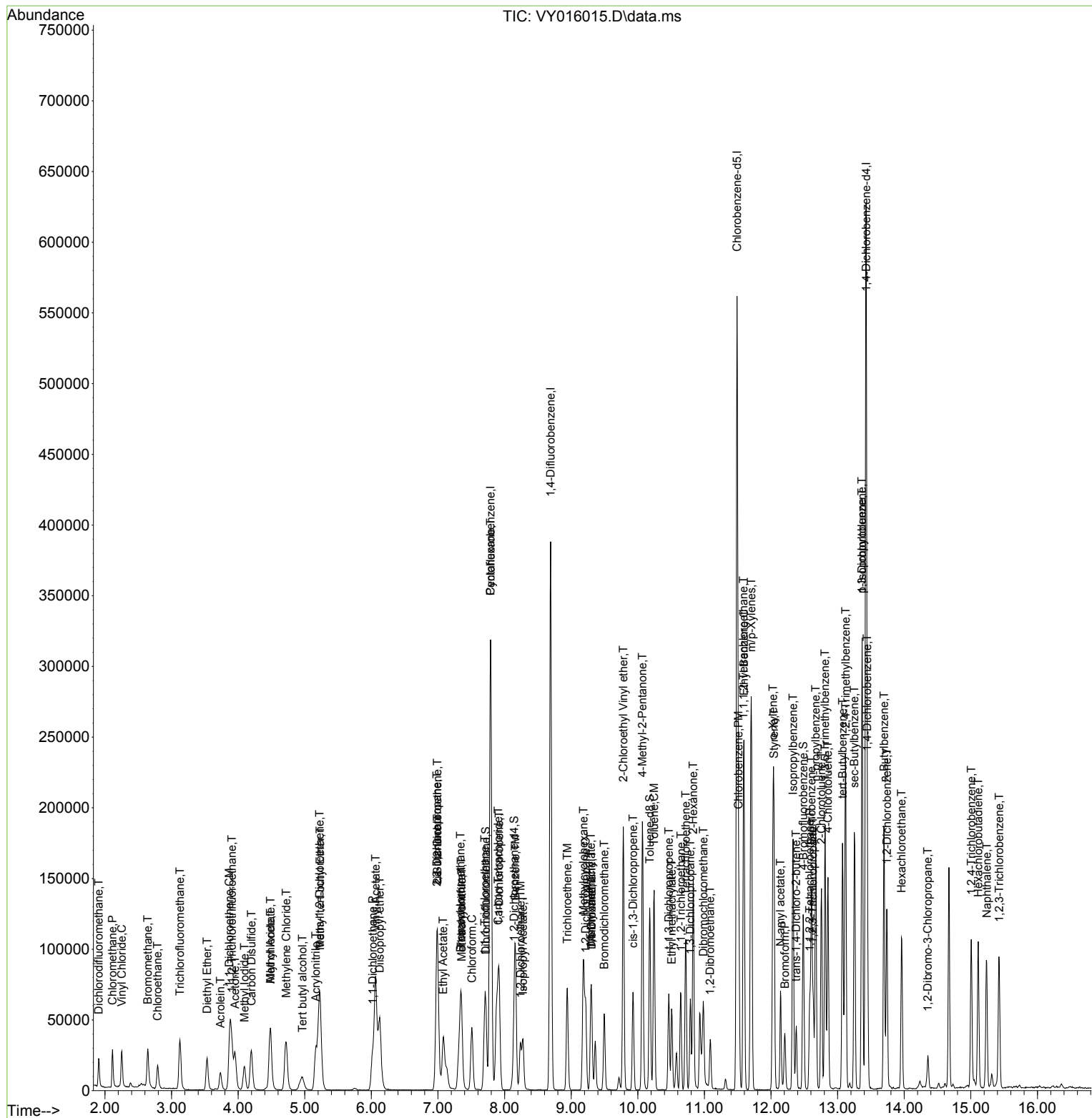
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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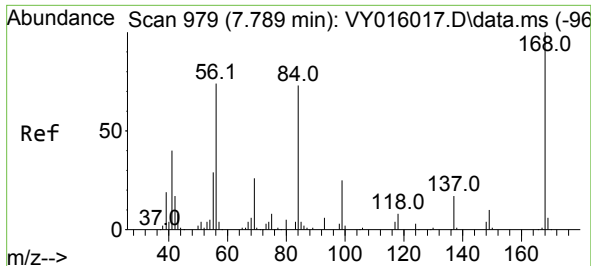
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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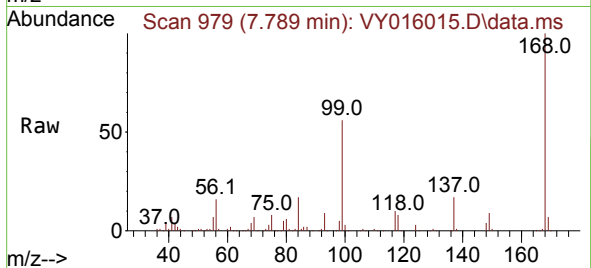
Quant Time: Oct 19 02:54:20 2023
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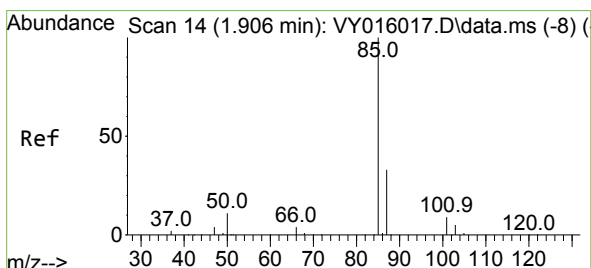
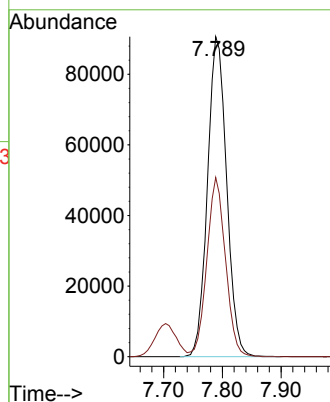
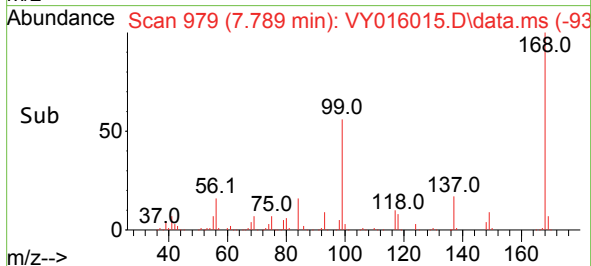


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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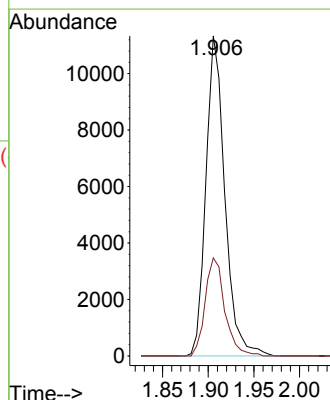
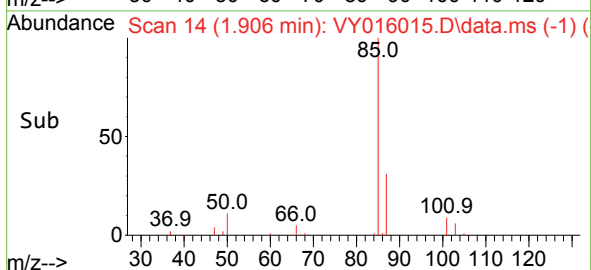
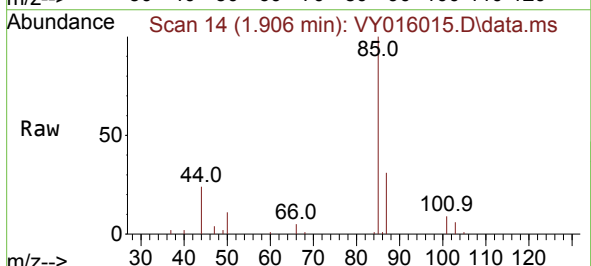


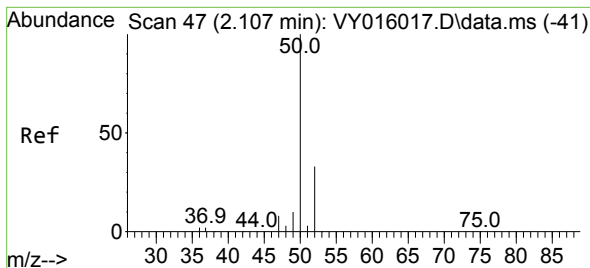
Tgt Ion:168 Resp: 204963
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 9.614 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 85 Resp: 16286
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8





#3

Chloromethane

Concen: 10.233 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

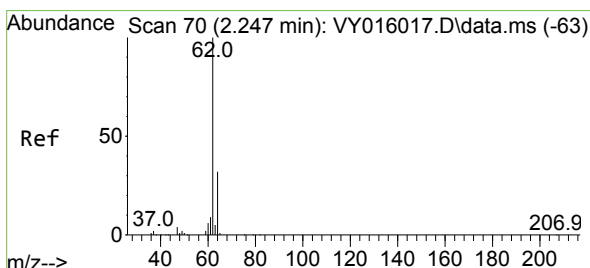
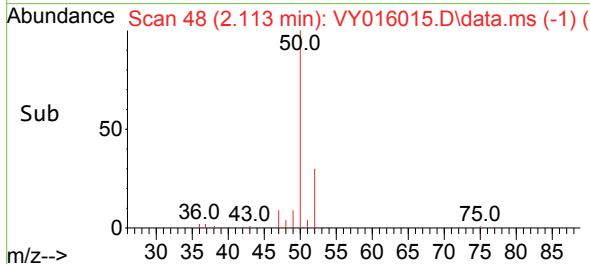
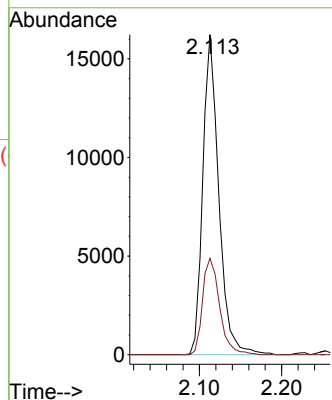
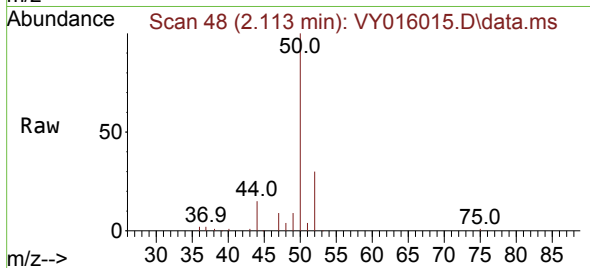
ClientSampleId :

Tgt Ion: 50 Resp: 21887

Ion Ratio Lower Upper

50 100

52 30.1 25.4 38.2



#4

Vinyl Chloride

Concen: 10.042 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY016015.D

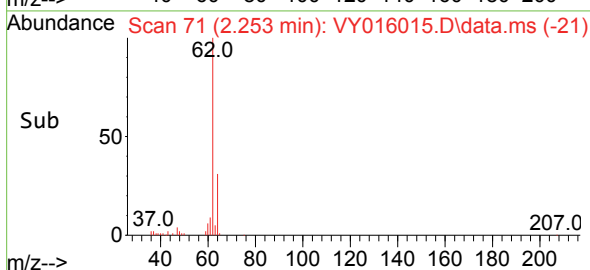
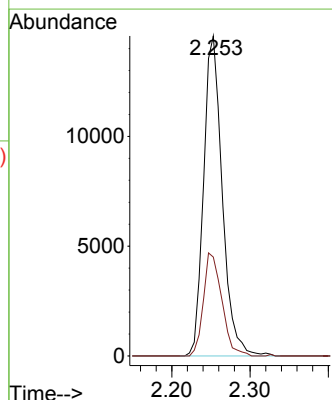
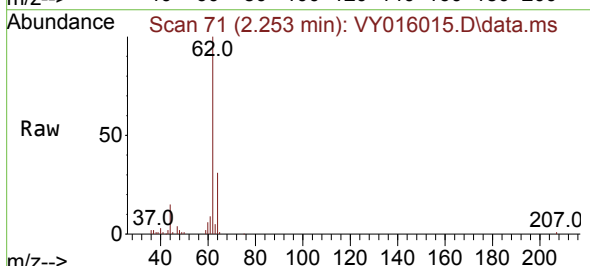
Acq: 18 Oct 2023 11:54

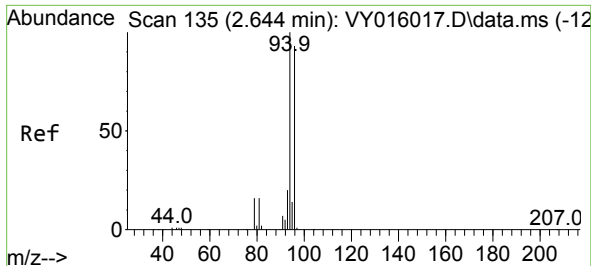
Tgt Ion: 62 Resp: 24107

Ion Ratio Lower Upper

62 100

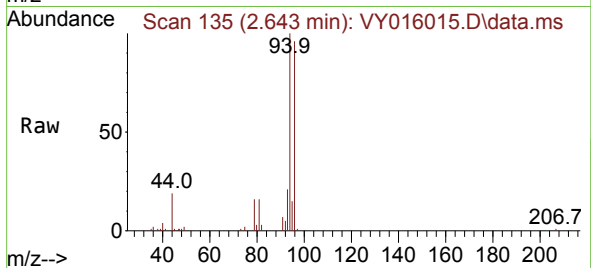
64 30.9 24.3 36.5



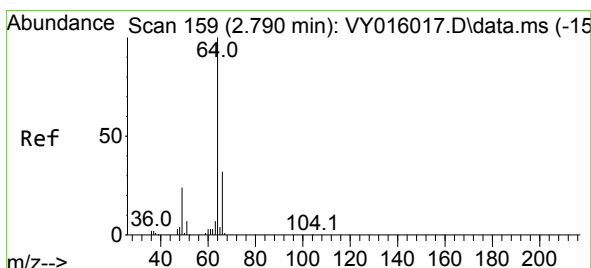
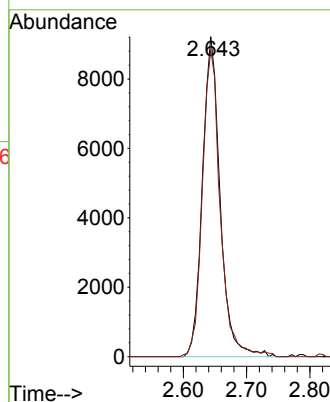
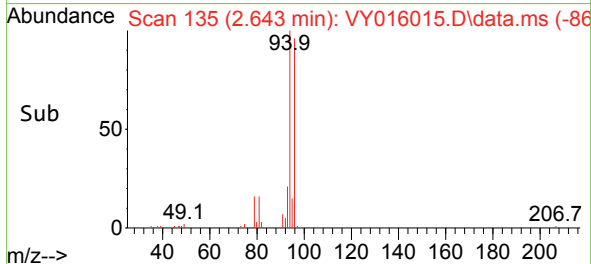


#5
Bromomethane
Concen: 10.288 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016015.D
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ClientSampleId :

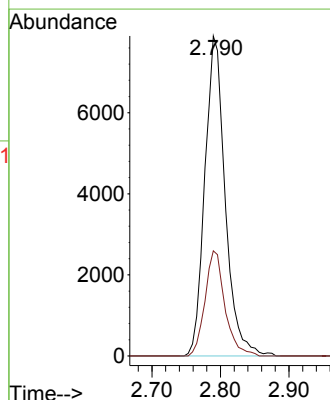
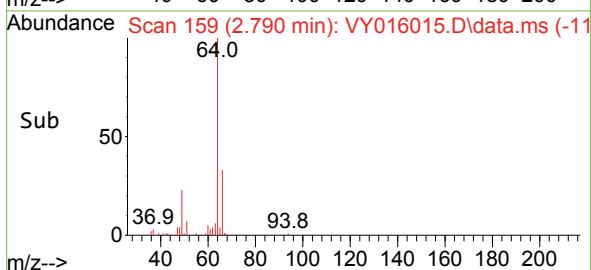
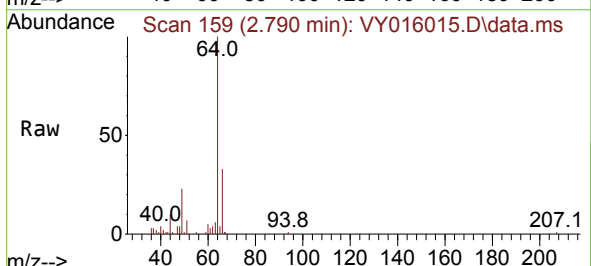


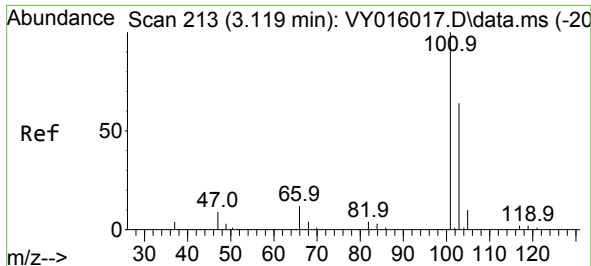
Tgt Ion: 94 Resp: 18016
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.6



#6
Chloroethane
Concen: 10.567 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 64 Resp: 16312
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6

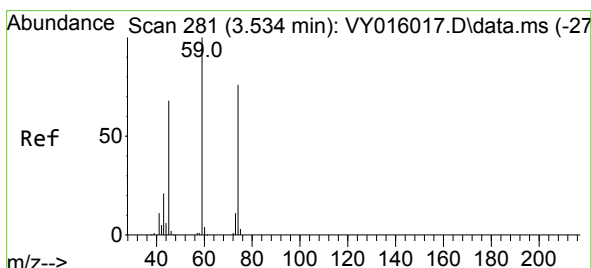
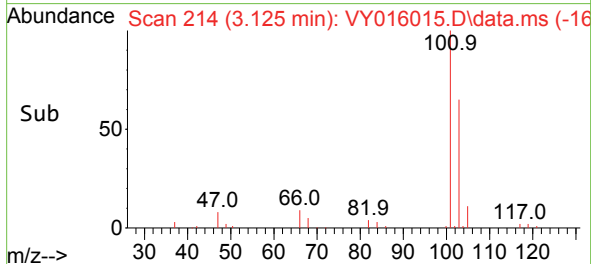
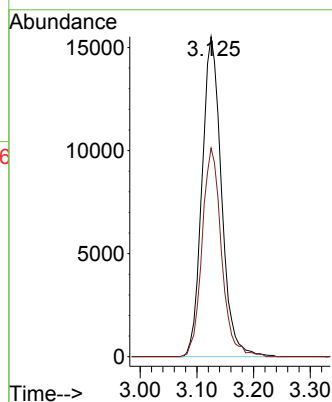
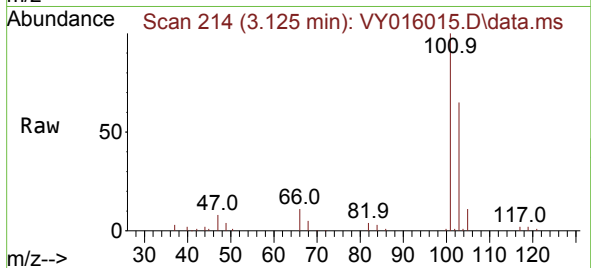




#7
Trichlorofluoromethane
Concen: 10.131 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

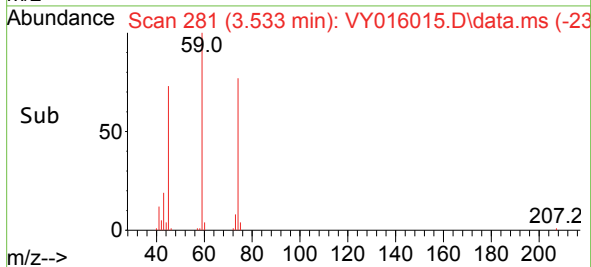
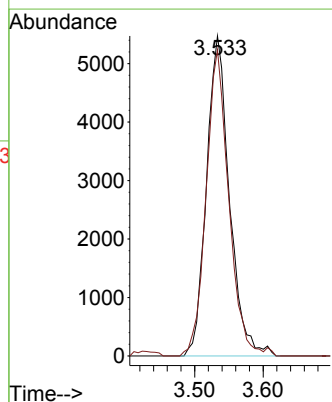
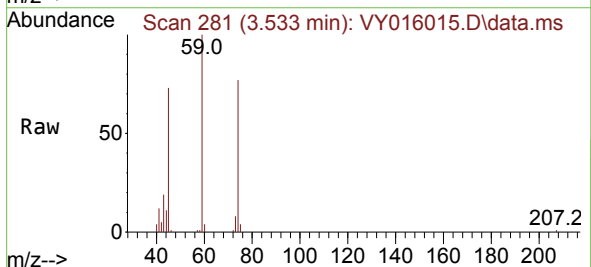
Instrument :
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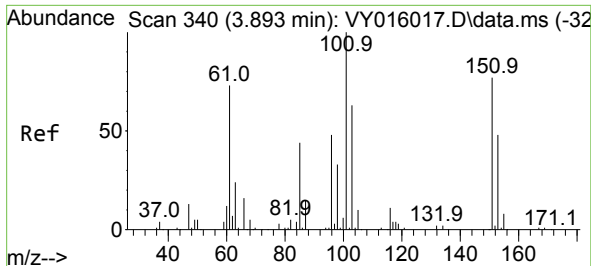
Tgt Ion:101 Resp: 37011
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0



#8
Diethyl Ether
Concen: 9.902 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016015.D
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Tgt Ion: 74 Resp: 12780
Ion Ratio Lower Upper
74 100
45 94.5 51.5 154.5

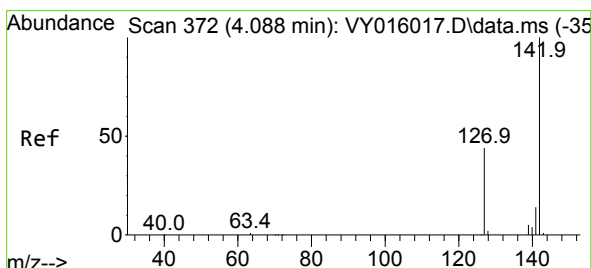
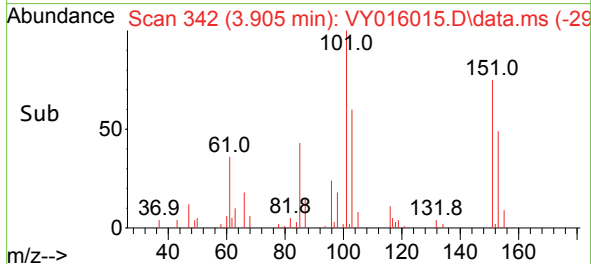
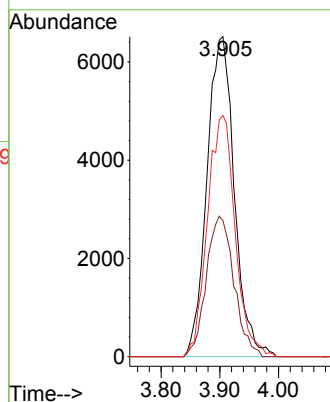
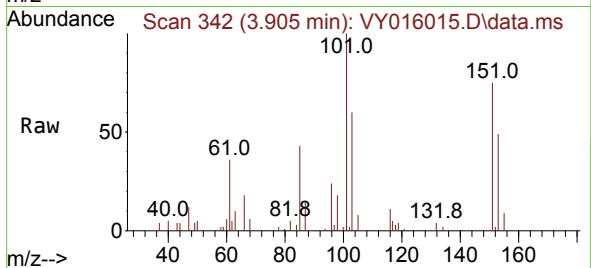




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.026 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

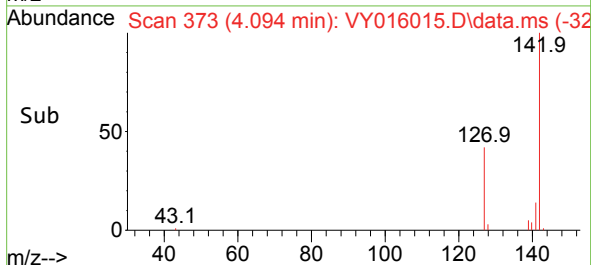
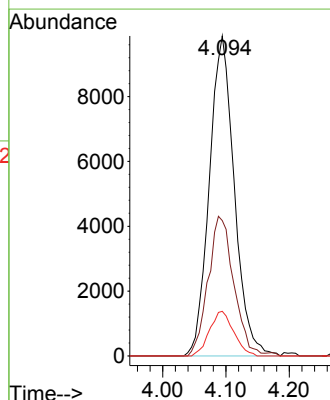
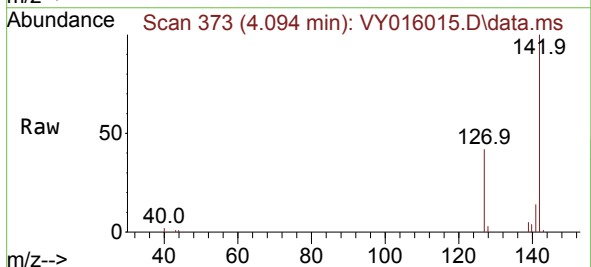
Instrument :
MSVOA_Y
ClientSampleId :

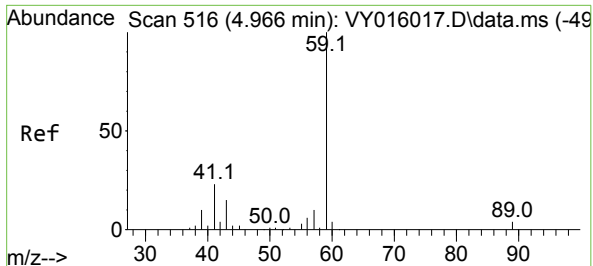
Tgt Ion:101 Resp: 21070
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 76.6 67.0 100.6



#10
Methyl Iodide
Concen: 9.878 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:142 Resp: 27106
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 13.5 11.8 17.8

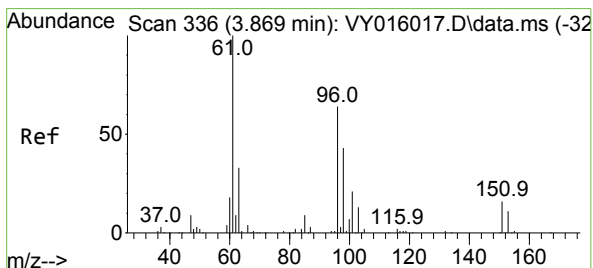
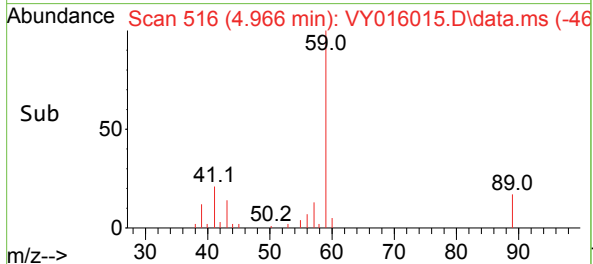
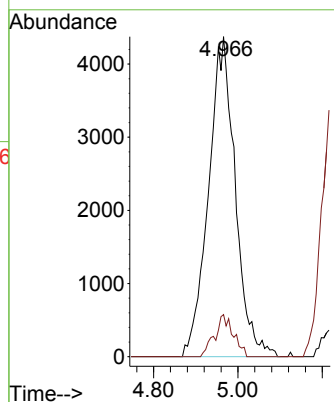
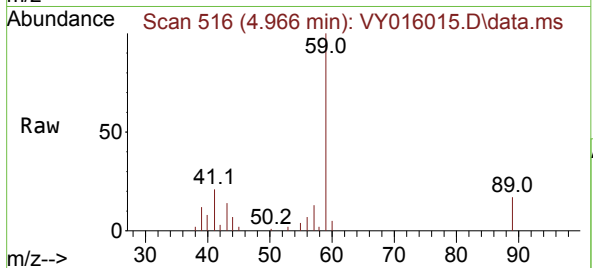




#11
Tert butyl alcohol
Concen: 53.612 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

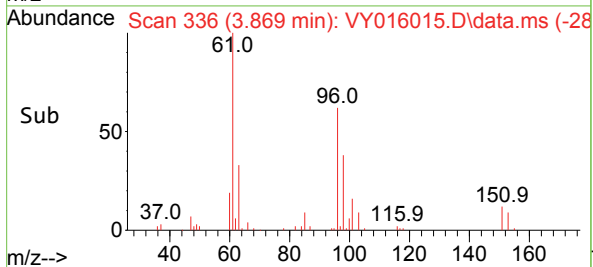
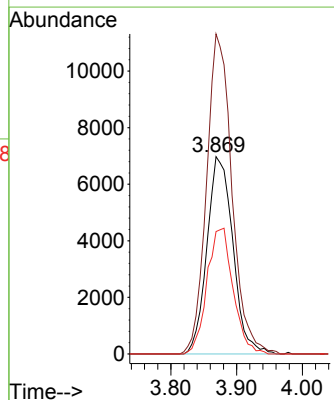
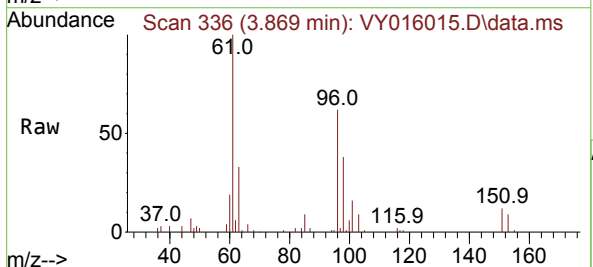
Instrument :
MSVOA_Y
ClientSampleId :

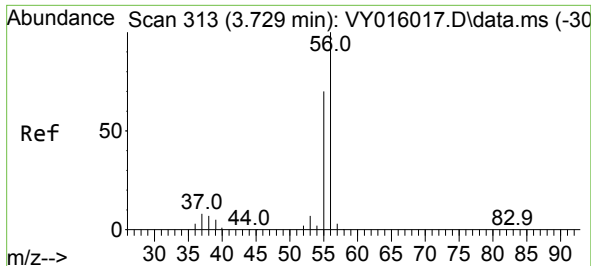
Tgt Ion: 59 Resp: 19279
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 9.748 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 96 Resp: 19167
Ion Ratio Lower Upper
96 100
61 162.2 136.4 204.6
98 62.0 49.4 74.2

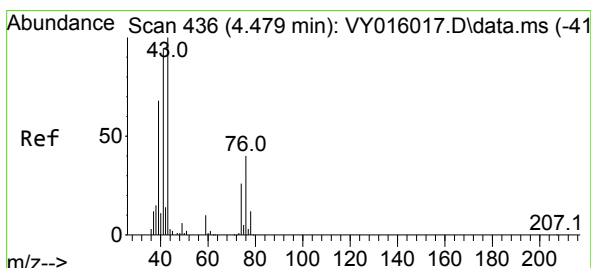
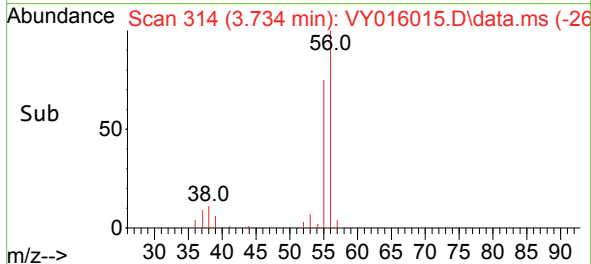
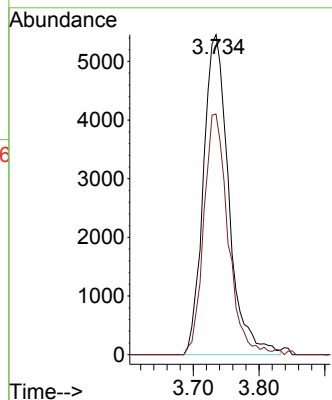
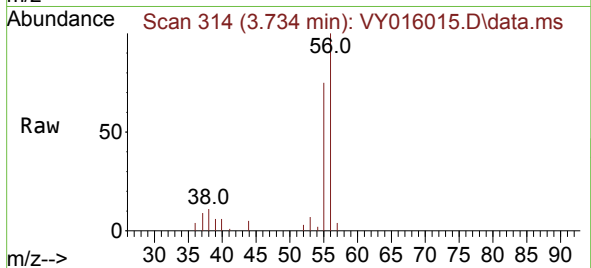




#13
Acrolein
Concen: 42.260 ug/l
RT: 3.734 min Scan# 313
Delta R.T. 0.005 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

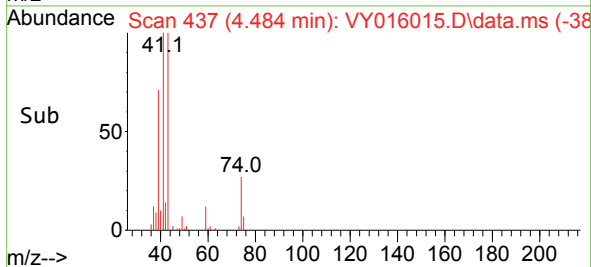
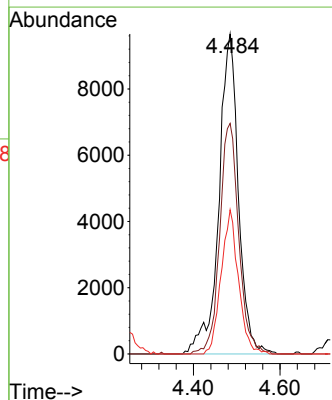
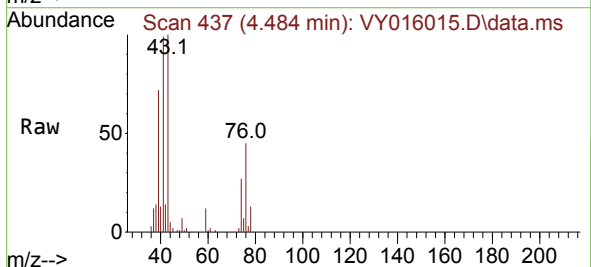
Instrument :
MSVOA_Y
ClientSampleId :

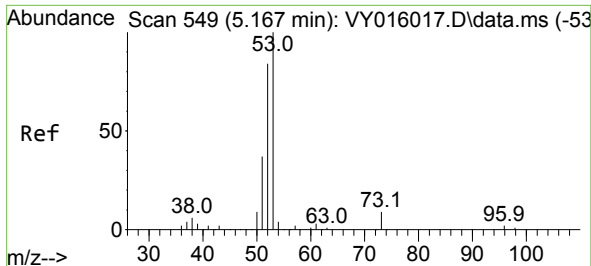
Tgt Ion: 56 Resp: 14638
Ion Ratio Lower Upper
56 100
55 71.9 57.0 85.4



#14
Allyl chloride
Concen: 9.876 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

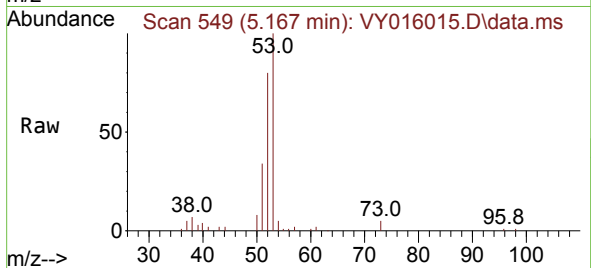
Tgt Ion: 41 Resp: 30365
Ion Ratio Lower Upper
41 100
39 70.1 58.0 87.0
76 39.9 27.4 41.2



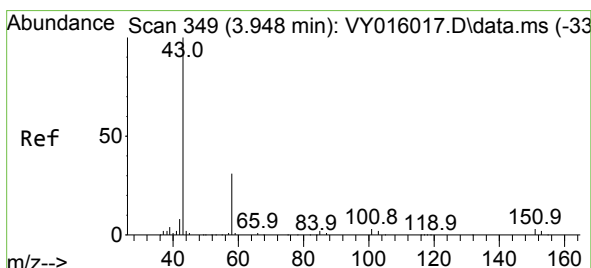
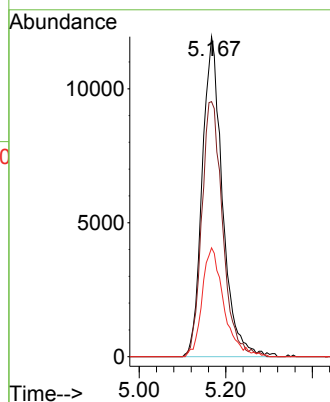
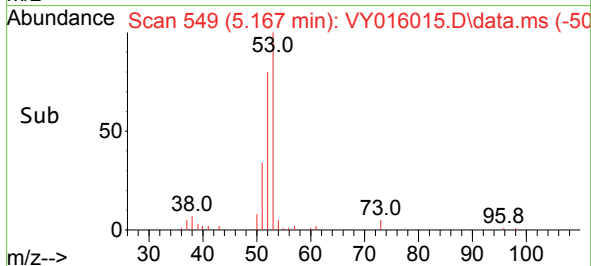


#15
Acrylonitrile
Concen: 50.446 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

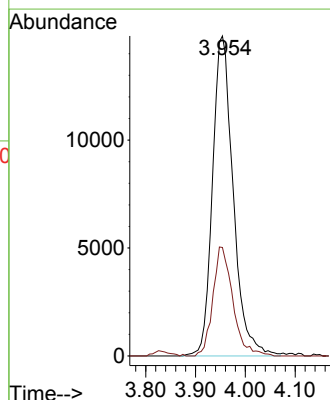
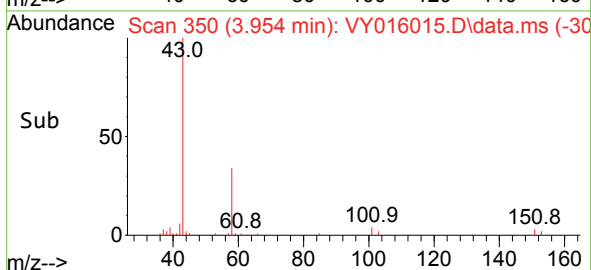
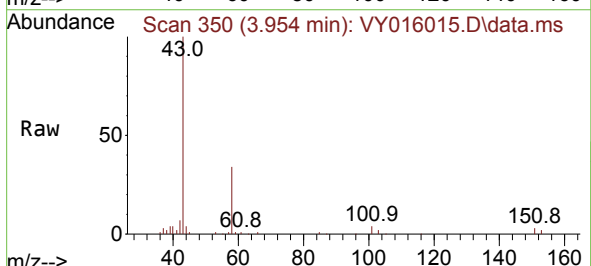


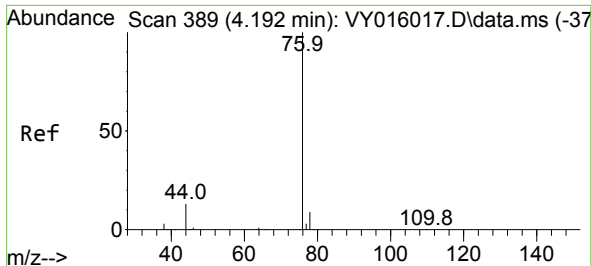
Tgt Ion: 53 Resp: 38843
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 49.516 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 43 Resp: 42759
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1

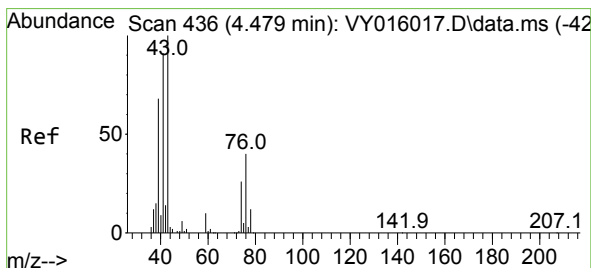
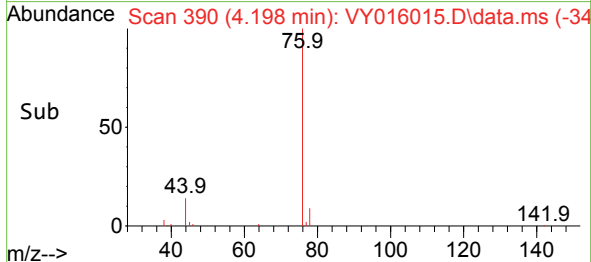
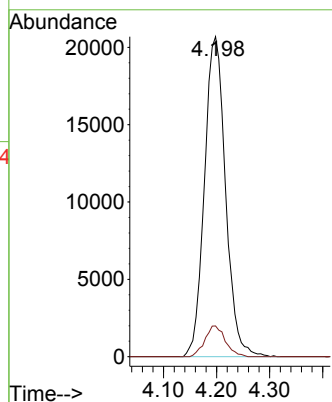
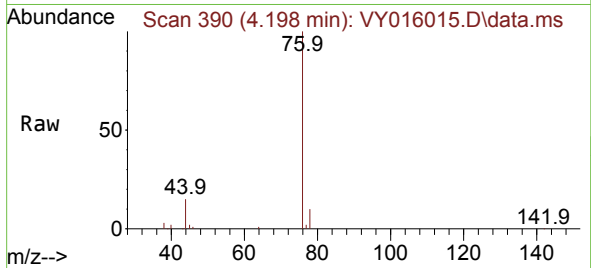




#17
Carbon Disulfide
Concen: 9.929 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

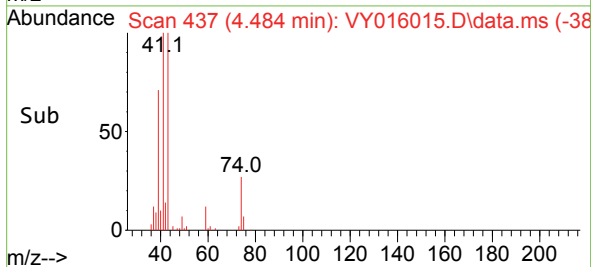
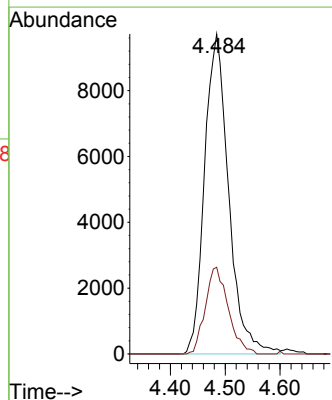
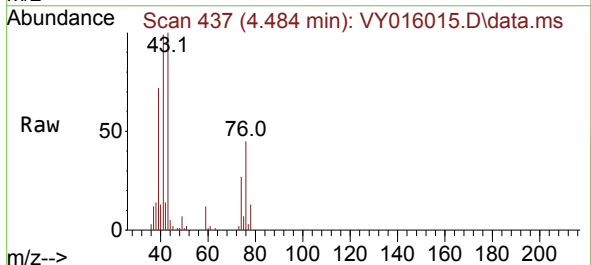
Instrument :
MSVOA_Y
ClientSampleId :

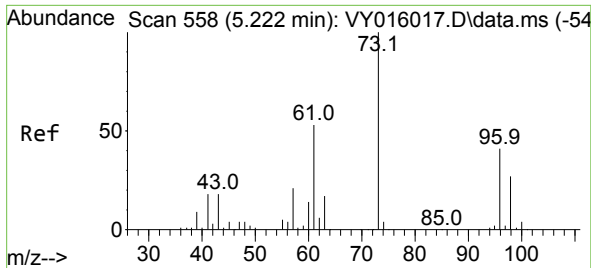
Tgt Ion: 76 Resp: 57194
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 9.957 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 43 Resp: 29593
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0

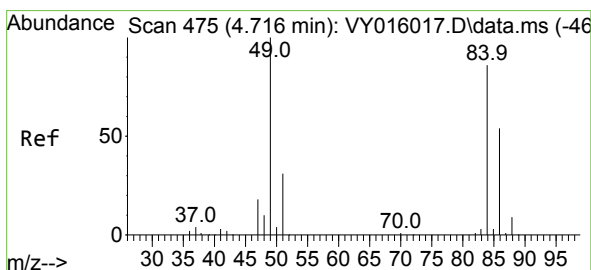
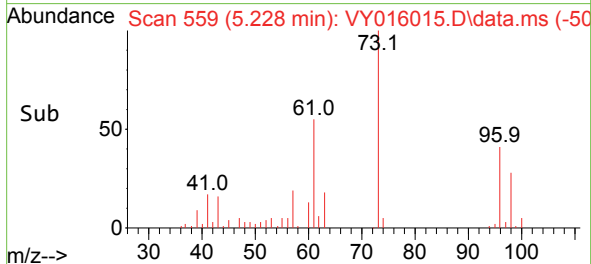
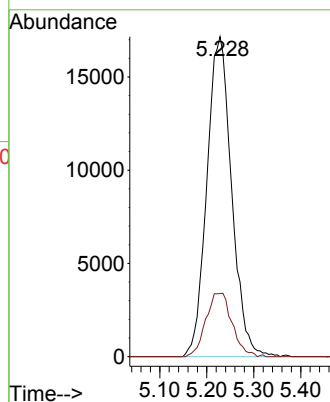
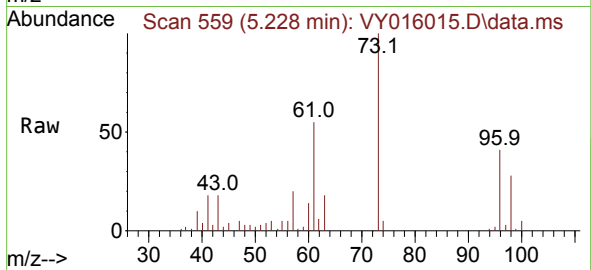




#19
Methyl tert-butyl Ether
Concen: 9.890 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

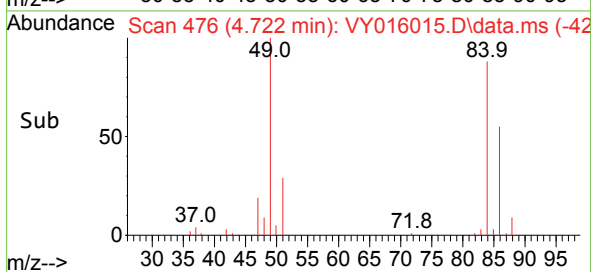
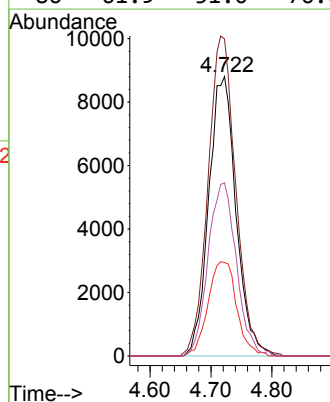
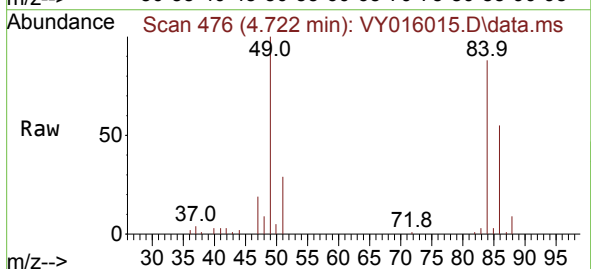
Instrument :
MSVOA_Y
ClientSampleId :

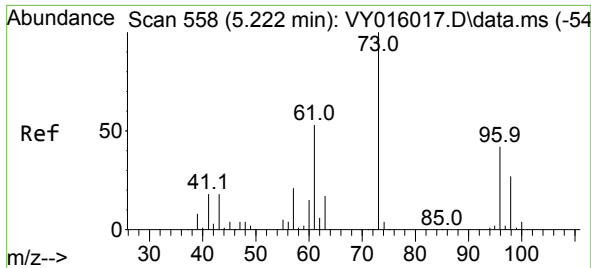
Tgt Ion: 73 Resp: 62736
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9



#20
Methylene Chloride
Concen: 10.693 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

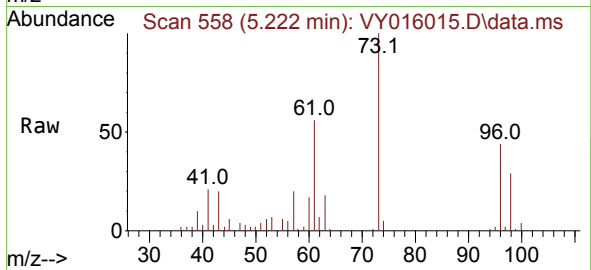
Tgt Ion: 84 Resp: 27431
Ion Ratio Lower Upper
84 100
49 113.4 106.9 160.3
51 33.5 33.2 49.8
86 61.9 51.0 76.6





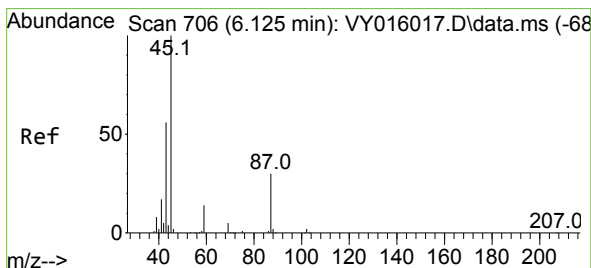
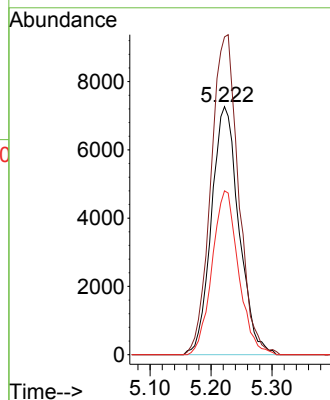
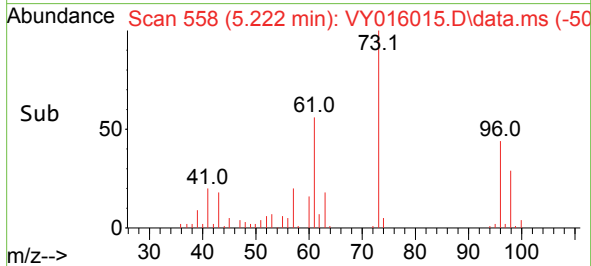
#21
trans-1,2-Dichloroethene
Concen: 9.959 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

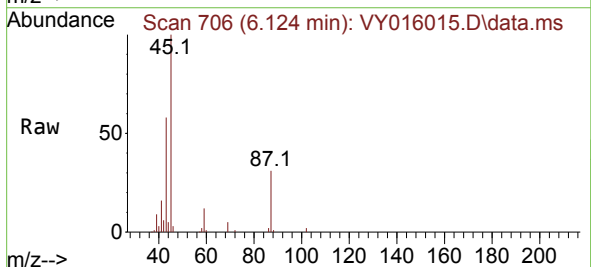


Tgt Ion: 96 Resp: 22803

Ion	Ratio	Lower	Upper
96	100		
61	128.1	110.2	165.4
98	66.1	51.8	77.6

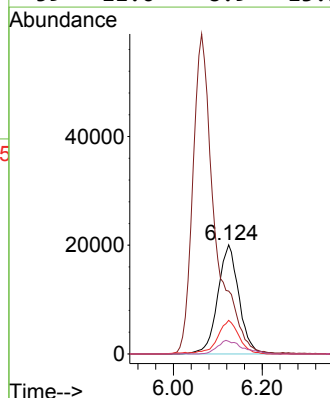
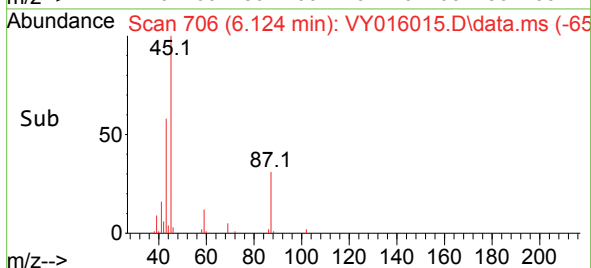


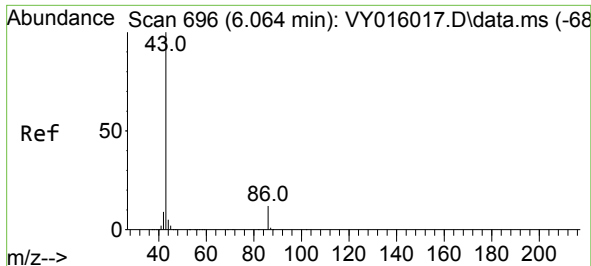
#22
Diisopropyl ether
Concen: 9.879 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54



Tgt Ion: 45 Resp: 66136

Ion	Ratio	Lower	Upper
45	100		
43	56.8	52.2	78.4
87	30.7	21.0	31.6
59	11.6	8.9	13.3

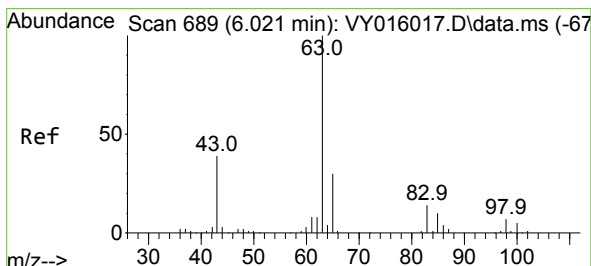
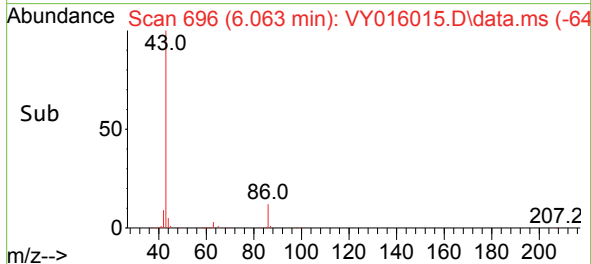
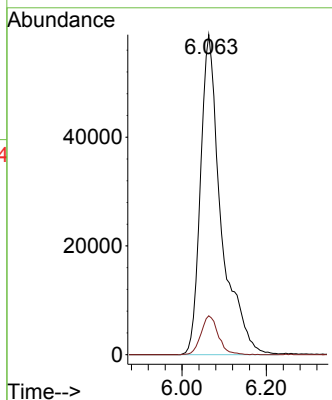
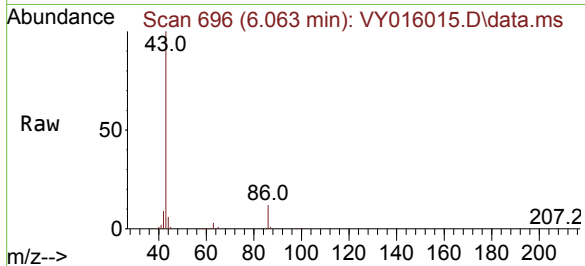




#23
 Vinyl Acetate
 Concen: 48.321 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

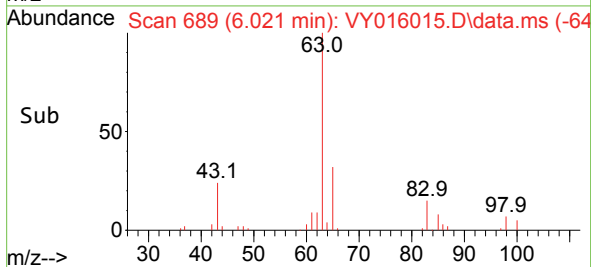
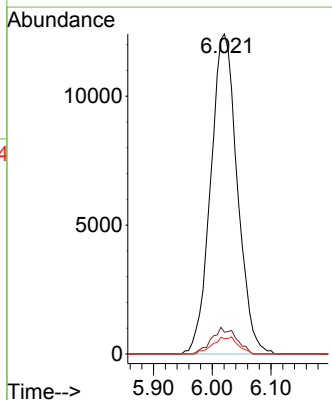
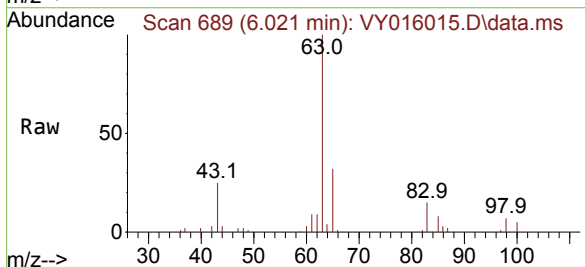
Instrument :
 MSVOA_Y
 ClientSampleId :

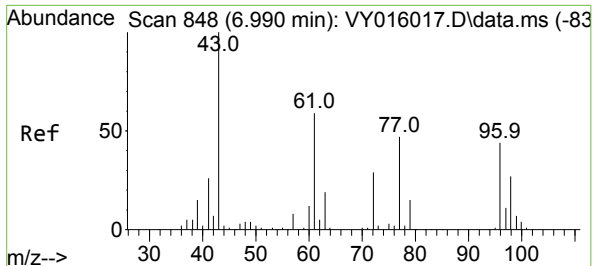
Tgt Ion: 43 Resp: 200672
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 9.853 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

Tgt Ion: 63 Resp: 39133
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 50.420 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

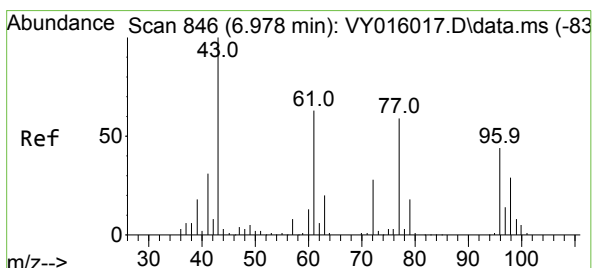
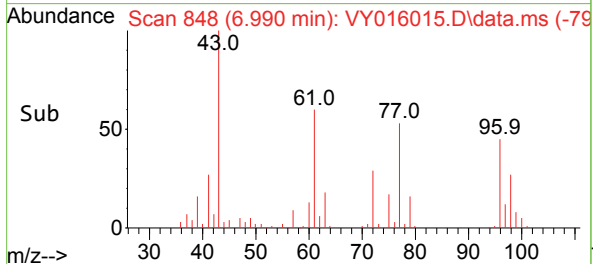
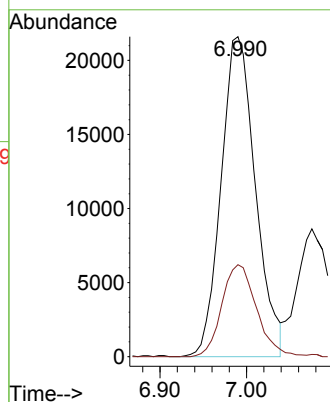
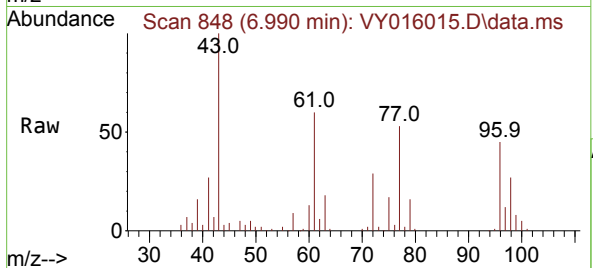
ClientSampleId :

Tgt Ion: 43 Resp: 59637

Ion Ratio Lower Upper

43 100

72 28.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 10.106 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016015.D

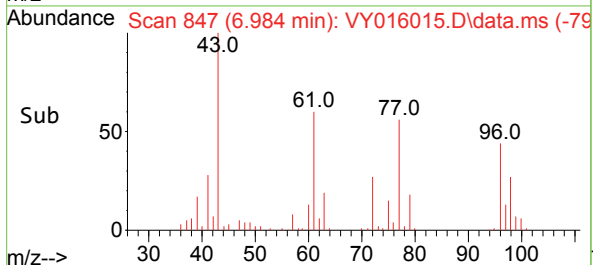
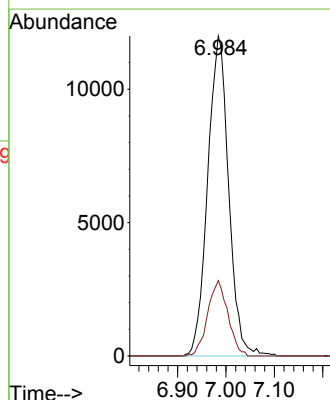
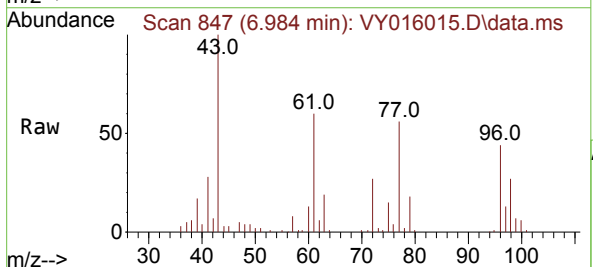
Acq: 18 Oct 2023 11:54

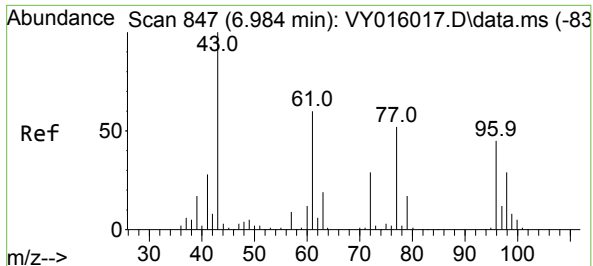
Tgt Ion: 77 Resp: 36116

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 9.844 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

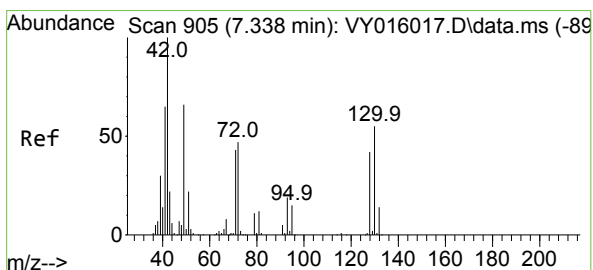
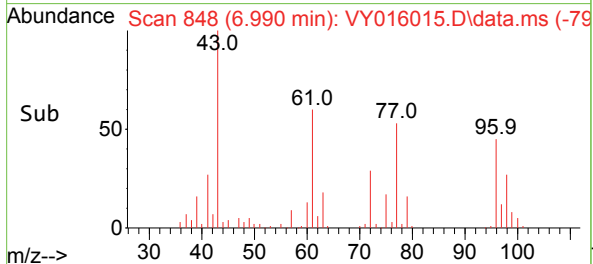
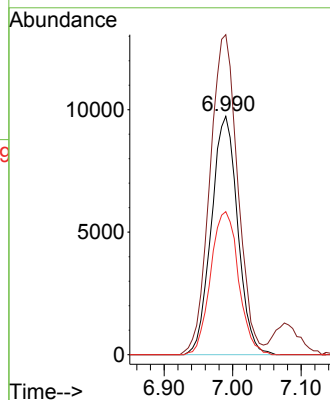
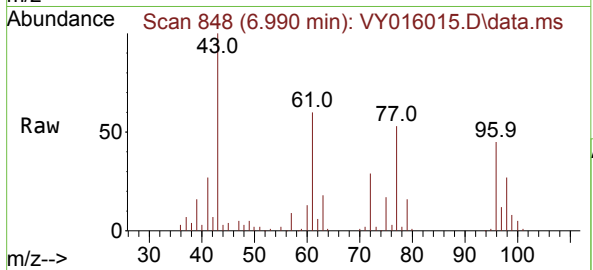
Tgt Ion: 96 Resp: 25960

Ion Ratio Lower Upper

96 100

61 142.1 0.0 301.4

98 63.6 0.0 130.4



#28

Bromochloromethane

Concen: 10.212 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

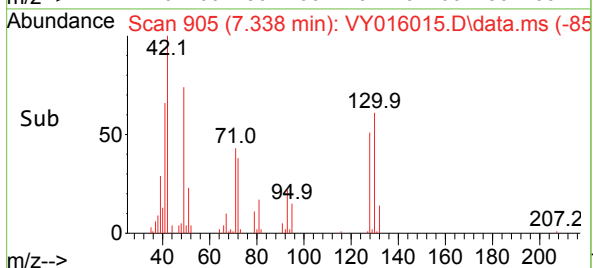
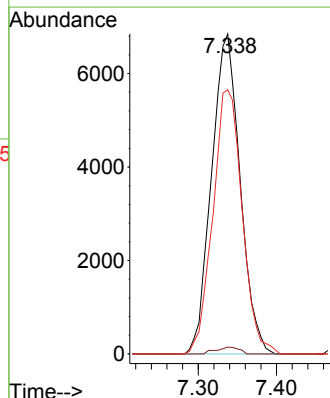
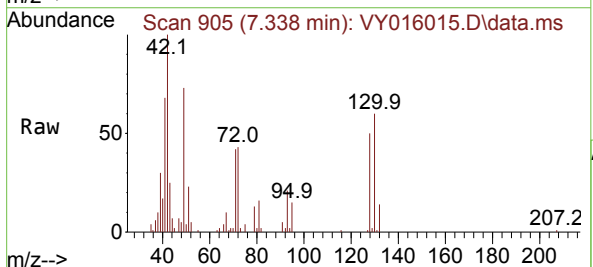
Tgt Ion: 49 Resp: 17347

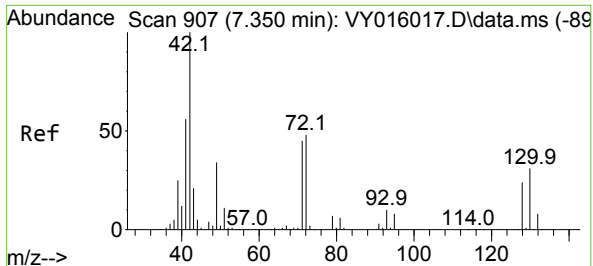
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 84.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 49.896 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

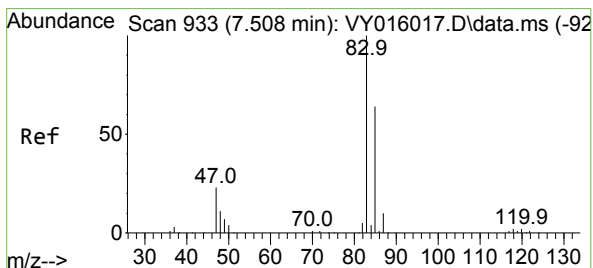
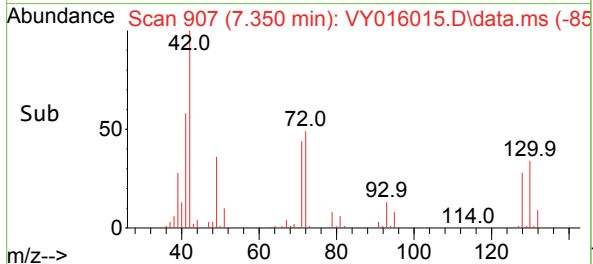
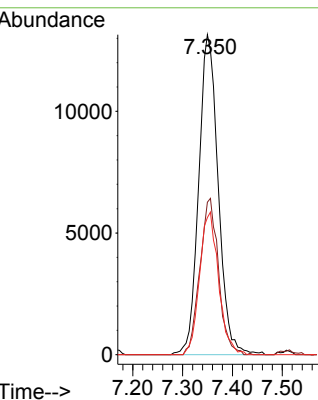
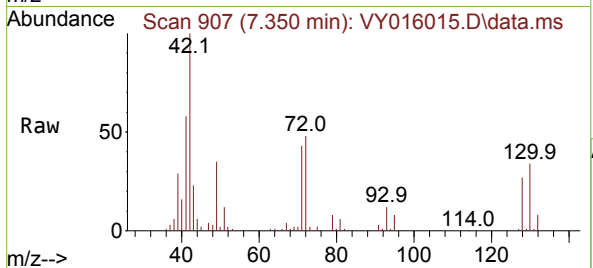
Tgt Ion: 42 Resp: 35723

Ion Ratio Lower Upper

42 100

72 46.7 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 10.146 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY016015.D

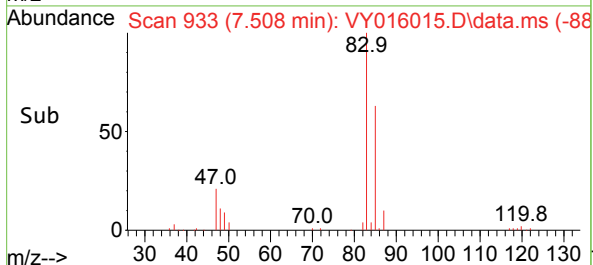
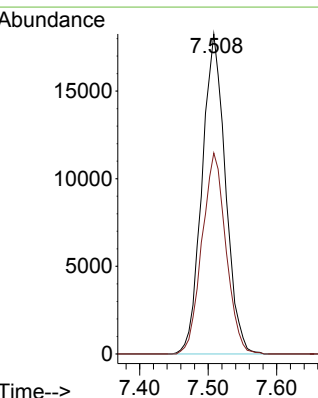
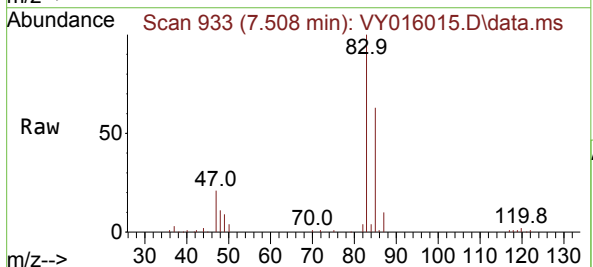
Acq: 18 Oct 2023 11:54

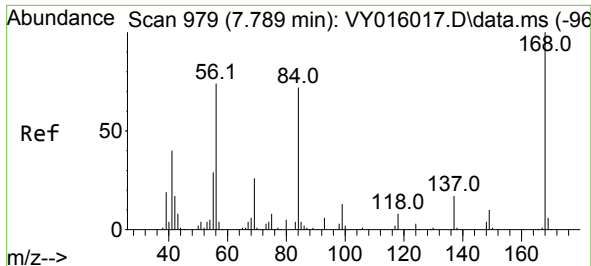
Tgt Ion: 83 Resp: 43209

Ion Ratio Lower Upper

83 100

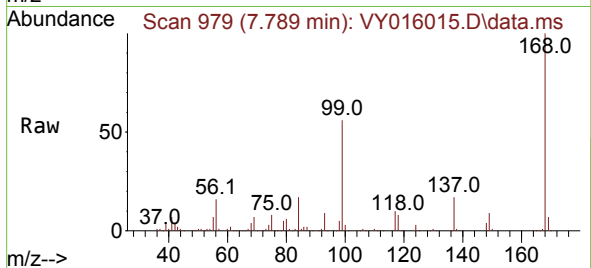
85 62.8 49.7 74.5



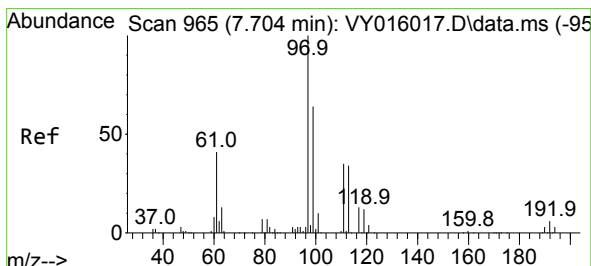
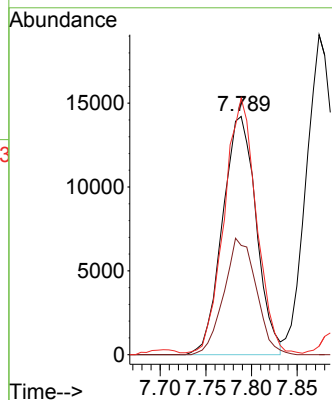
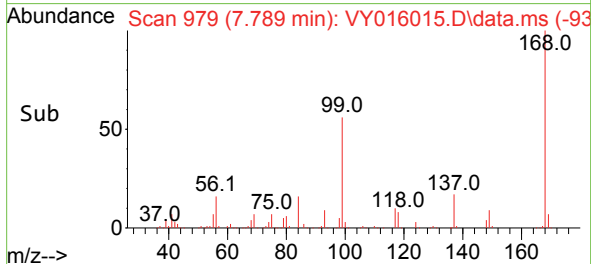


#31
Cyclohexane
Concen: 10.026 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

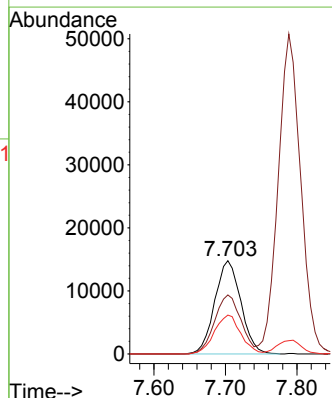
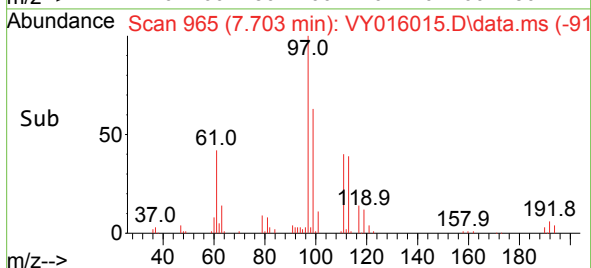
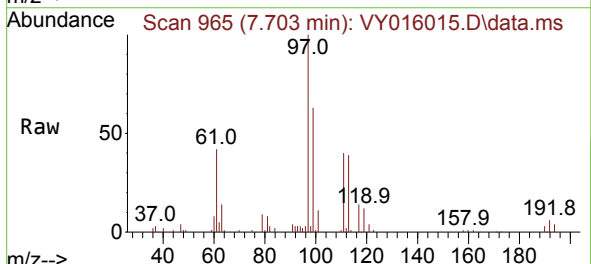


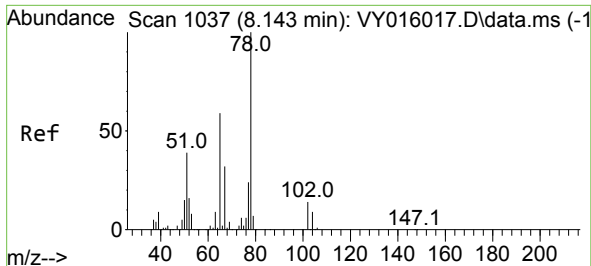
Tgt Ion: 56 Resp: 36556
Ion Ratio Lower Upper
56 100
69 45.9 27.8 41.6#
84 106.8 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 9.865 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 97 Resp: 37587
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 42.1 35.1 52.7

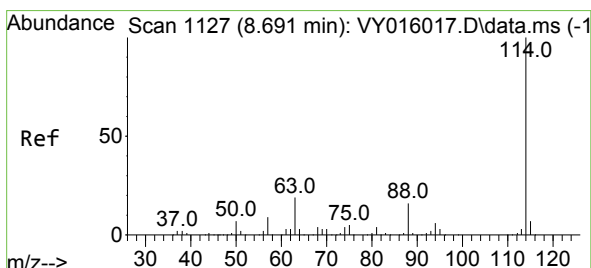
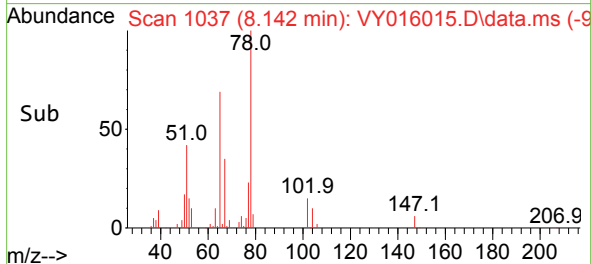
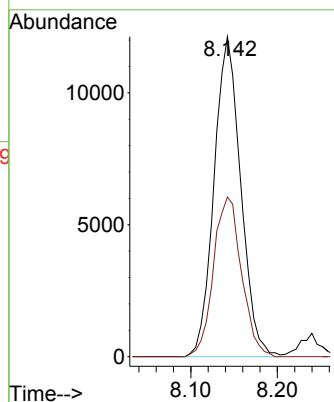
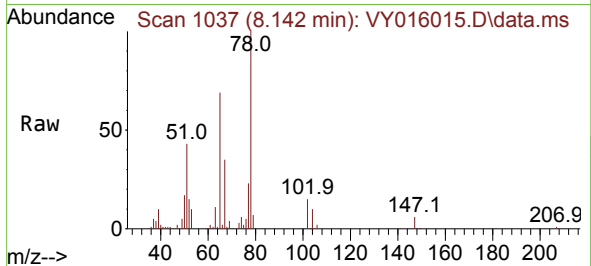




#33
 1,2-Dichloroethane-d4
 Concen: 11.137 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

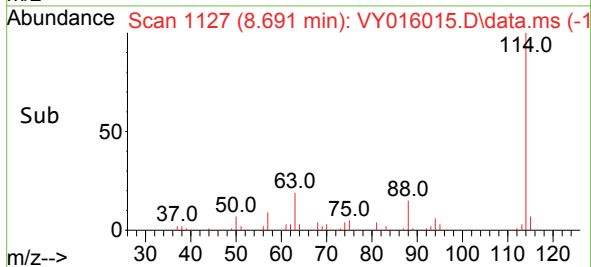
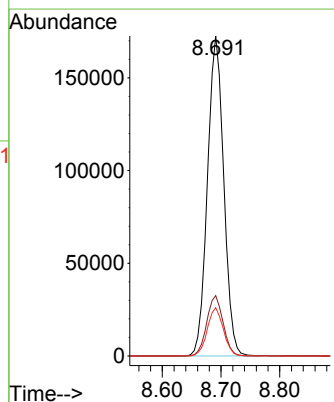
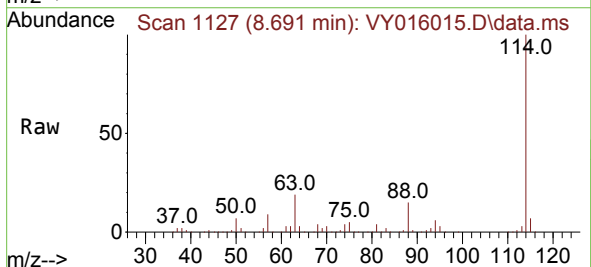
Instrument :
 MSVOA_Y
 ClientSampleId :

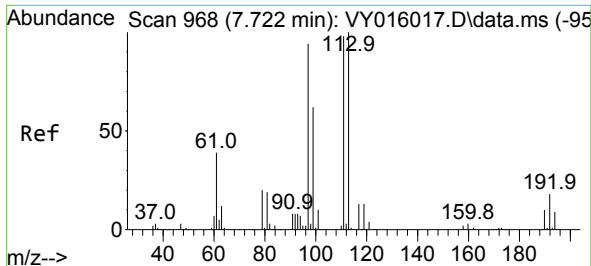
Tgt Ion: 65 Resp: 25944
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

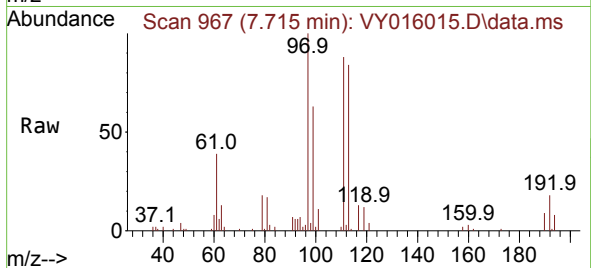
Tgt Ion:114 Resp: 332483
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 15.1 0.0 30.6



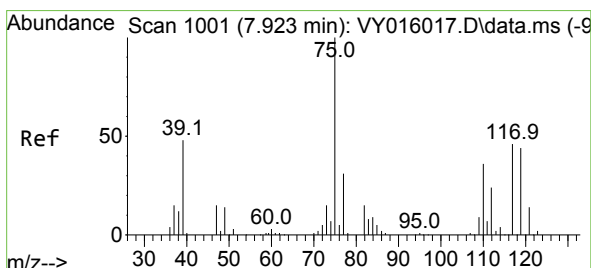
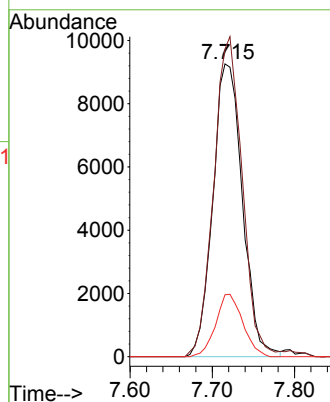
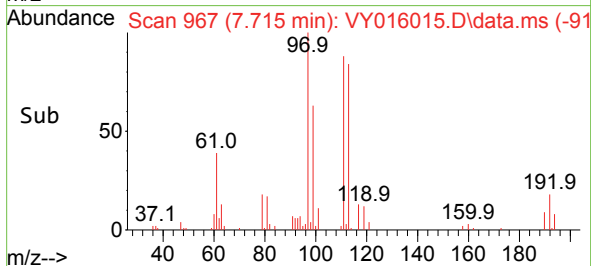


#35
Dibromofluoromethane
Concen: 10.570 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

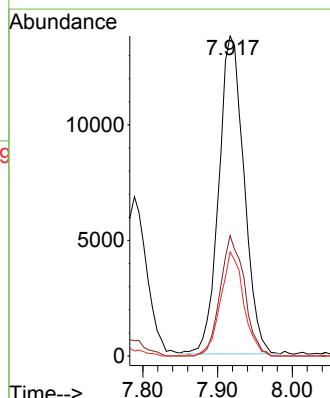
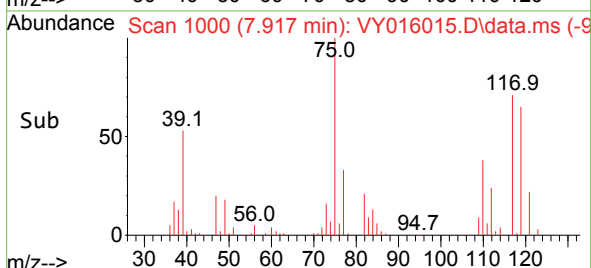
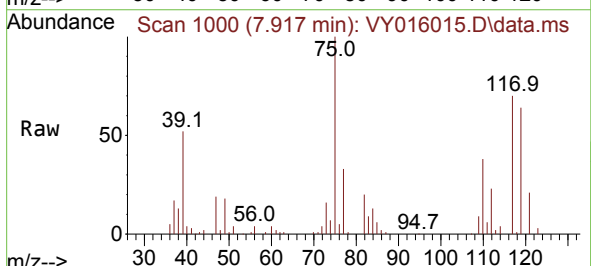


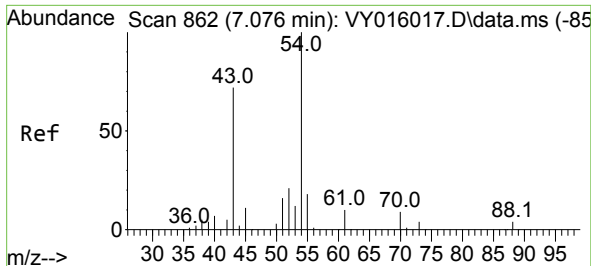
Tgt Ion:113 Resp: 23132
Ion Ratio Lower Upper
113 100
111 105.2 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 9.813 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 75 Resp: 32310
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 10.012 ug/l

RT: 7.075 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY016015.D

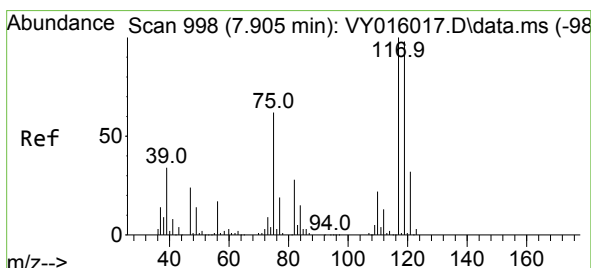
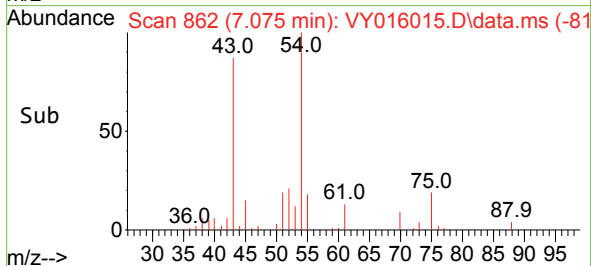
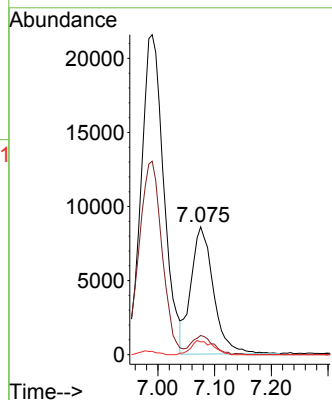
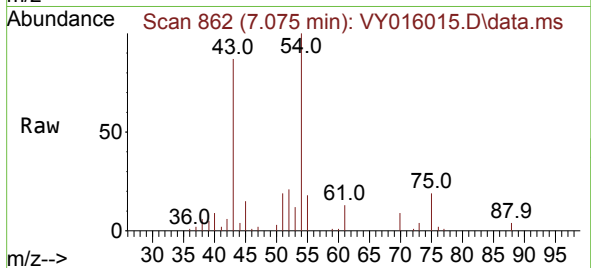
Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	23762
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.1	15.1
70	10.7	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 9.962 ug/l

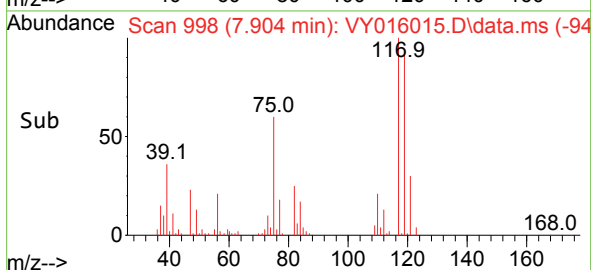
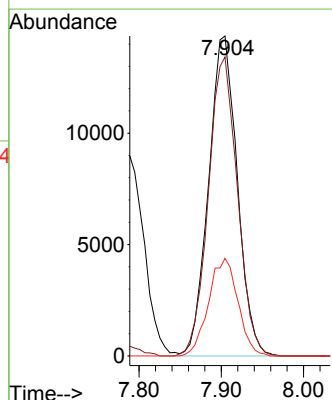
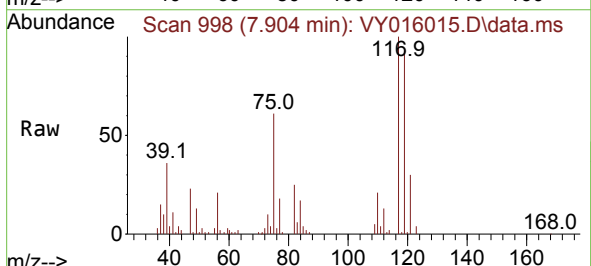
RT: 7.904 min Scan# 998

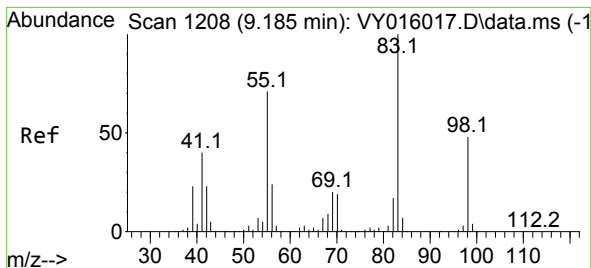
Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Tgt Ion:	117	Resp:	34861
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.4	114.6
121	30.5	25.8	38.6





#39

Methylcyclohexane

Concen: 9.567 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

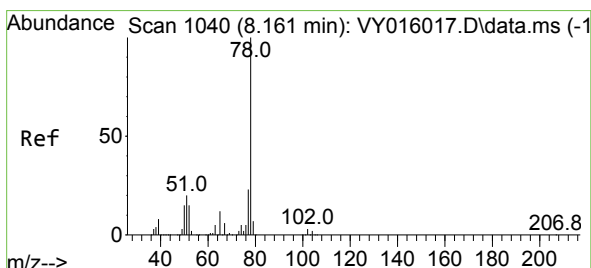
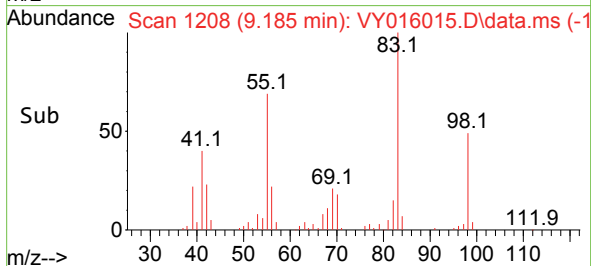
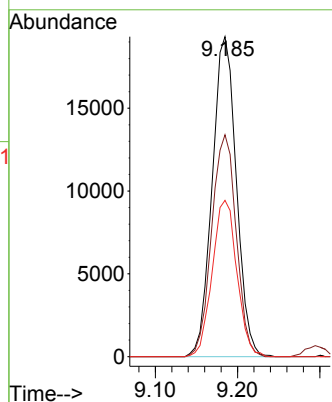
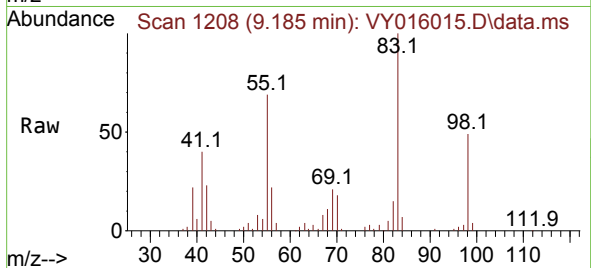
Tgt Ion: 83 Resp: 39364

Ion Ratio Lower Upper

83 100

55 69.3 63.0 94.4

98 48.8 37.4 56.2



#40

Benzene

Concen: 9.840 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016015.D

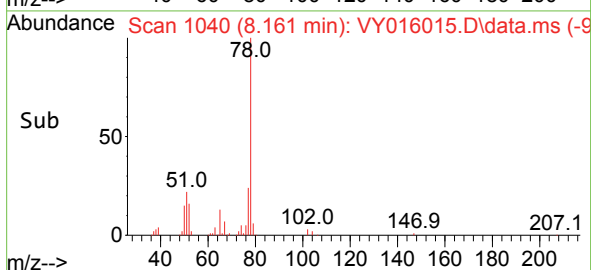
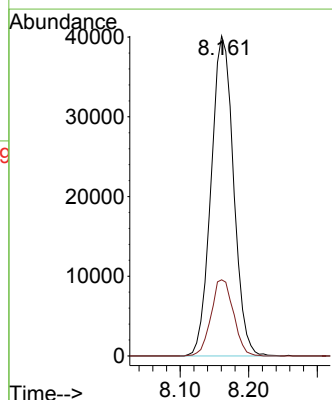
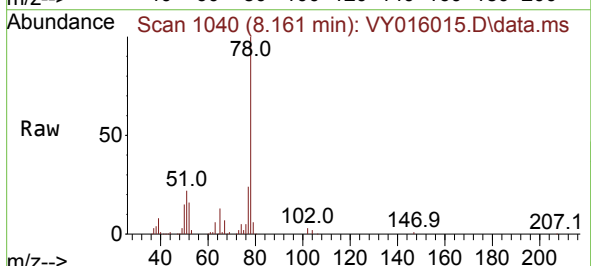
Acq: 18 Oct 2023 11:54

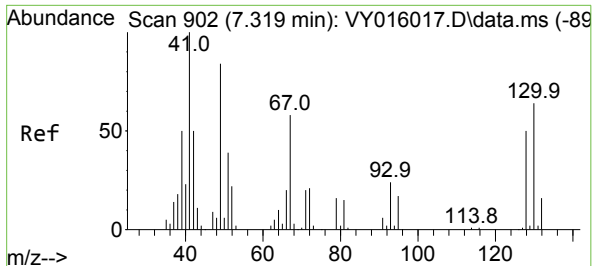
Tgt Ion: 78 Resp: 91314

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

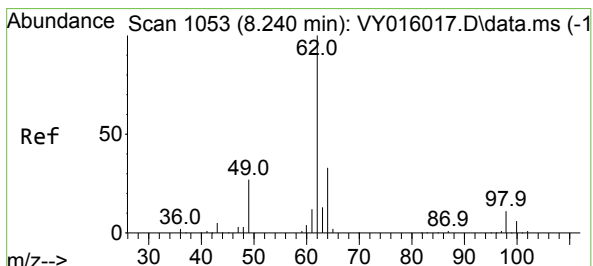
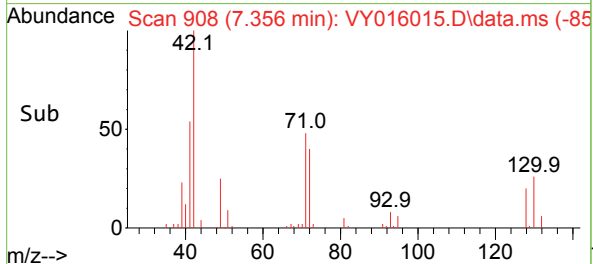
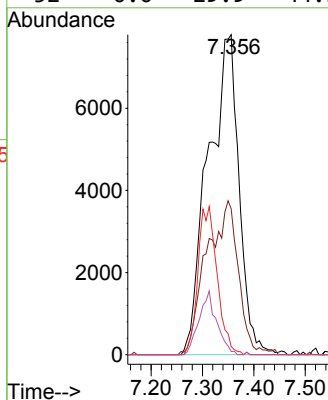
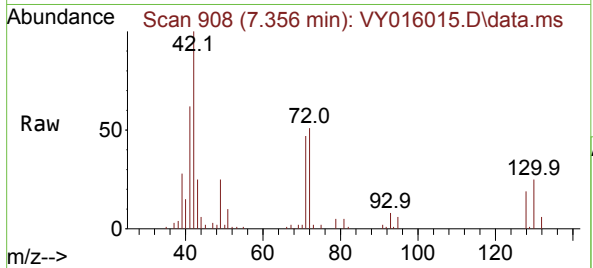




#41
Methacrylonitrile
Concen: 27.072 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.036 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

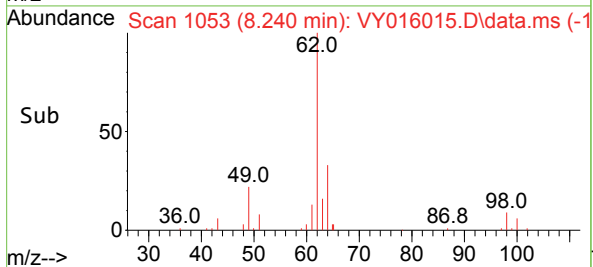
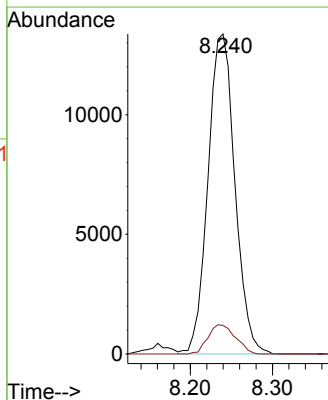
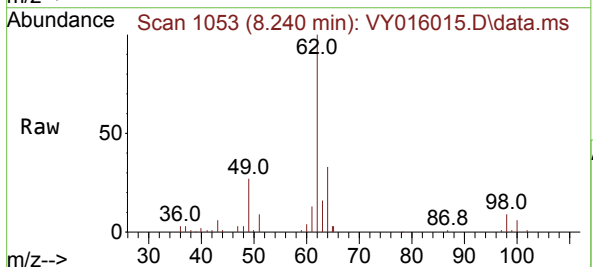
Instrument :
MSVOA_Y
ClientSampleId :

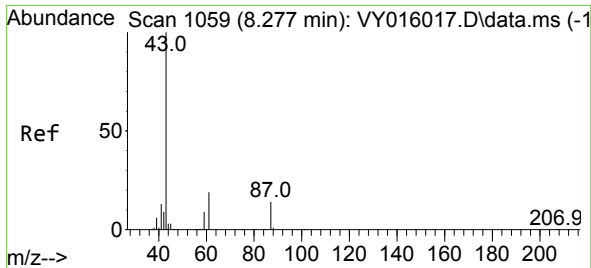
Tgt Ion: 41 Resp: 32350
Ion Ratio Lower Upper
41 100
39 49.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 10.175 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

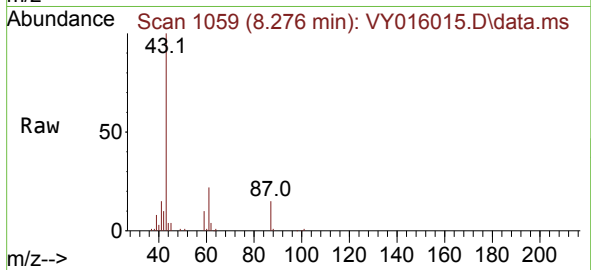
Tgt Ion: 62 Resp: 30416
Ion Ratio Lower Upper
62 100
98 9.3 0.0 15.8



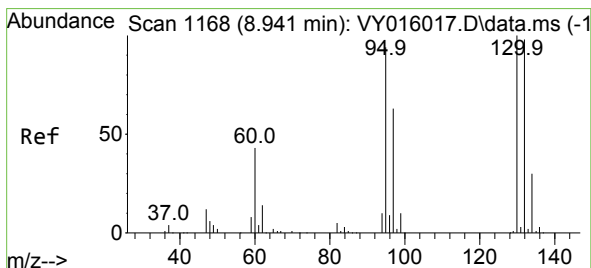
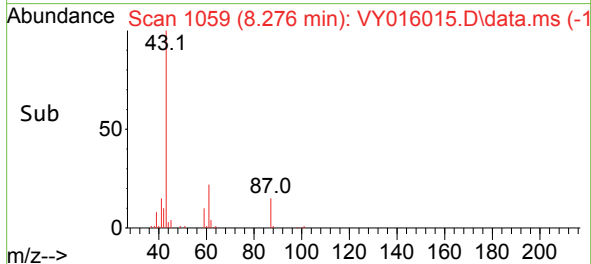
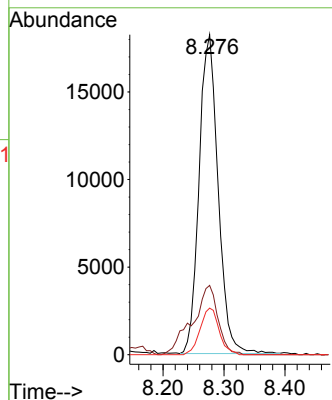


#43
Isopropyl Acetate
Concen: 9.519 ug/l
RT: 8.276 min Scan# 11059
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

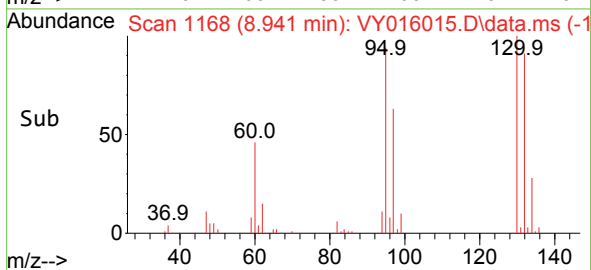
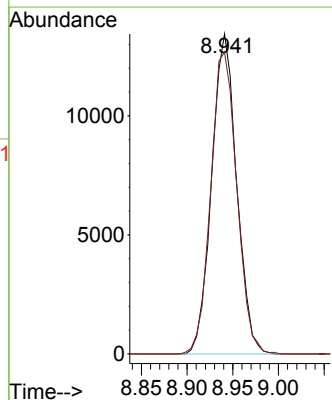
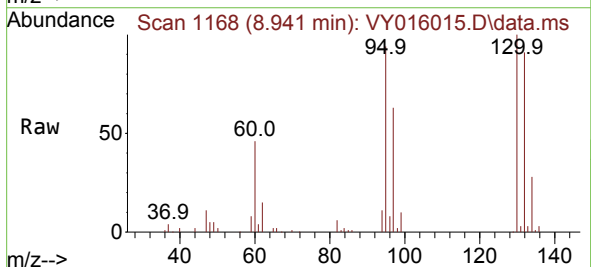


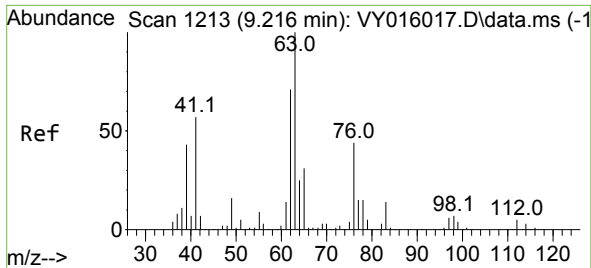
Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.1	21.1	31.7
87	14.6	9.8	14.8



#44
Trichloroethene
Concen: 9.814 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	196.0

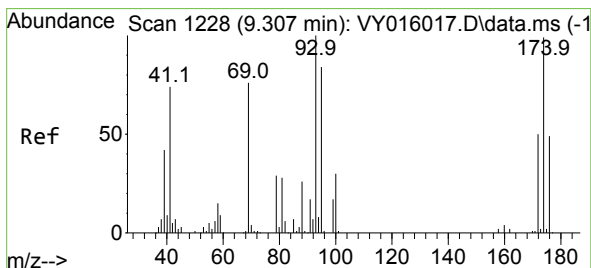
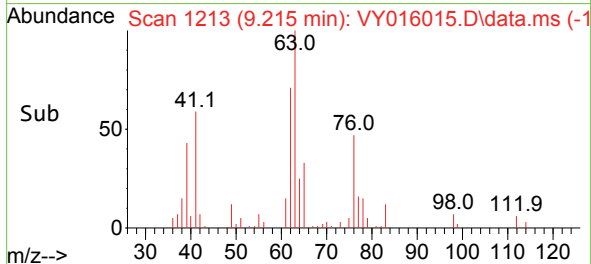
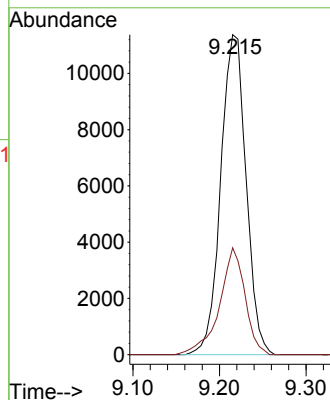
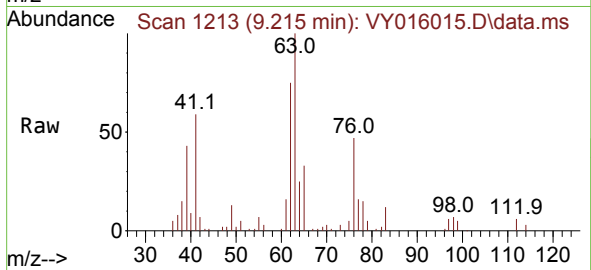




#45
1,2-Dichloropropane
Concen: 9.951 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

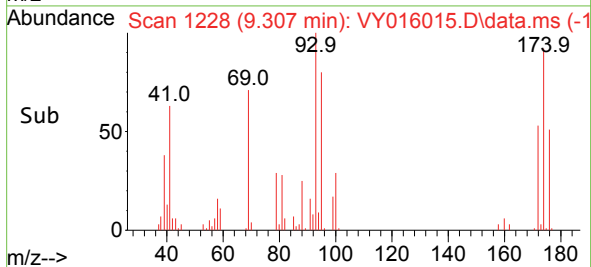
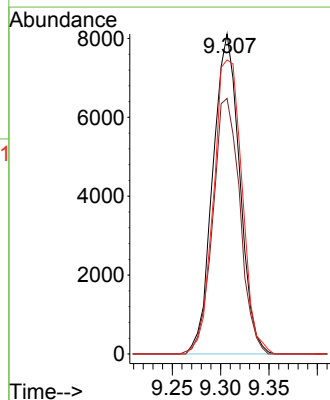
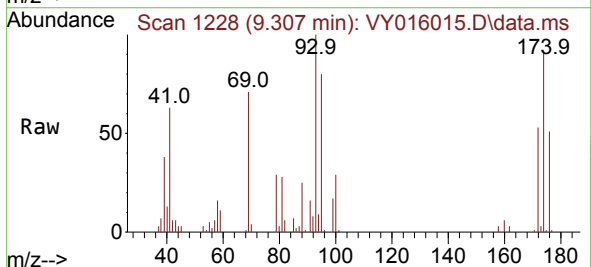
Instrument :
MSVOA_Y
ClientSampleId :

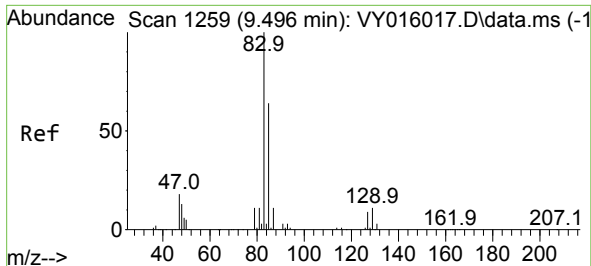
Tgt Ion: 63 Resp: 23109
Ion Ratio Lower Upper
63 100
65 33.4 23.8 35.6



#46
Dibromomethane
Concen: 10.149 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

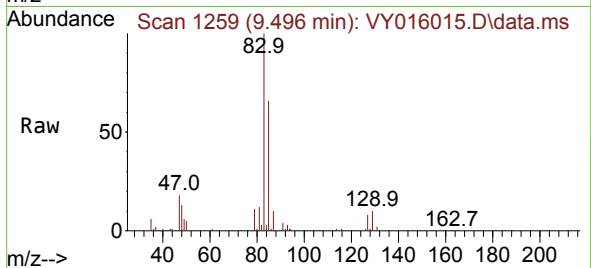
Tgt Ion: 93 Resp: 15648
Ion Ratio Lower Upper
93 100
95 80.8 66.6 100.0
174 97.4 84.8 127.2



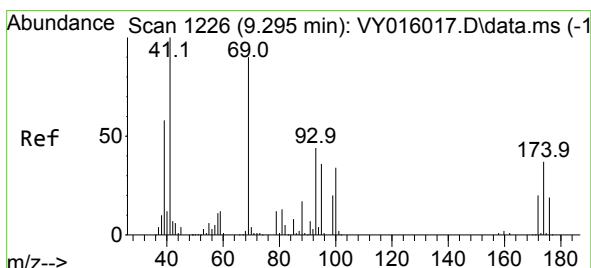
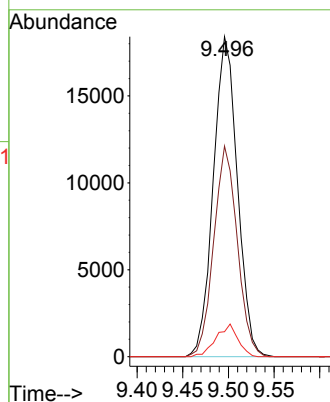
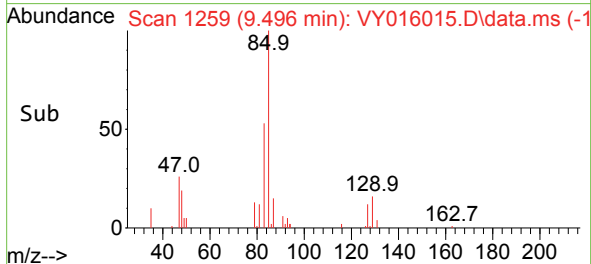


#47
 Bromodichloromethane
 Concen: 9.974 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :

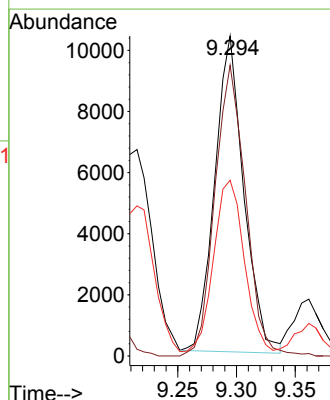
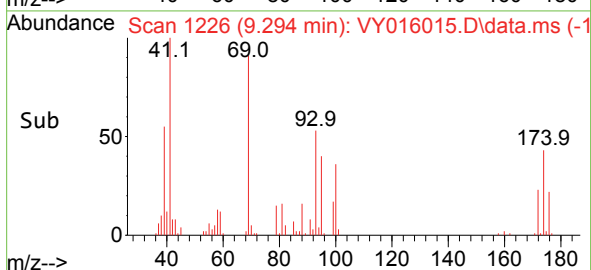
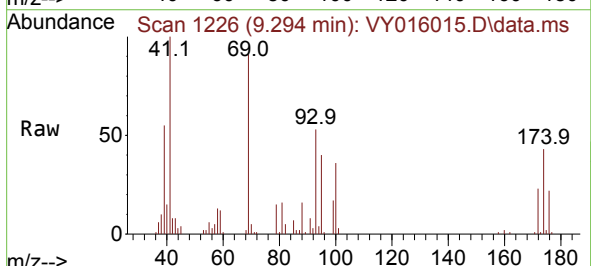


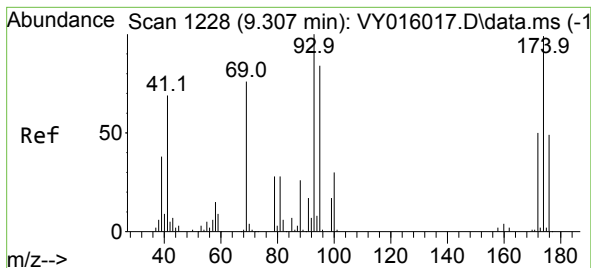
Tgt Ion: 83 Resp: 33705
 Ion Ratio Lower Upper
 83 100
 85 65.8 50.1 75.1
 127 7.8 7.1 10.7



#48
 Methyl methacrylate
 Concen: 9.438 ug/l
 RT: 9.294 min Scan# 1226
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

Tgt Ion: 41 Resp: 17827
 Ion Ratio Lower Upper
 41 100
 69 96.9 64.5 96.7#
 39 57.4 50.8 76.2





#49

1,4-Dioxane

Concen: 203.869 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

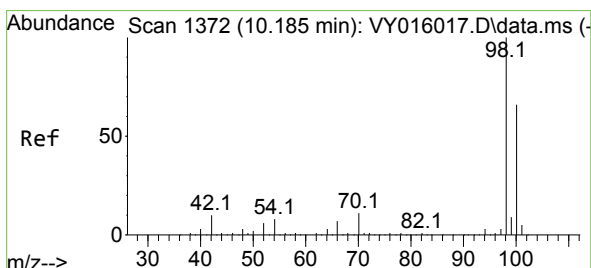
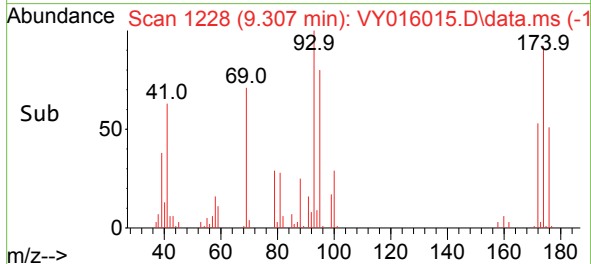
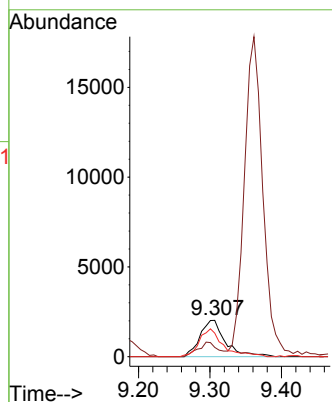
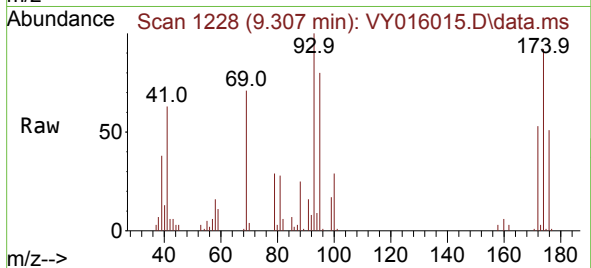
Tgt Ion: 88 Resp: 5005

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 71.5 30.9 46.3#



#50

Toluene-d8

Concen: 10.670 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016015.D

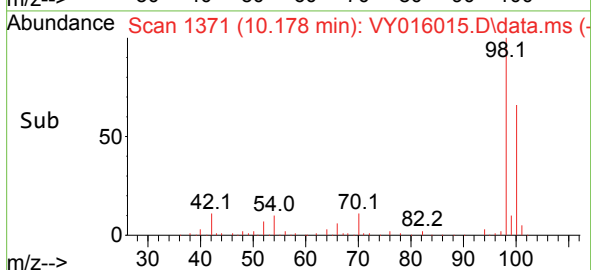
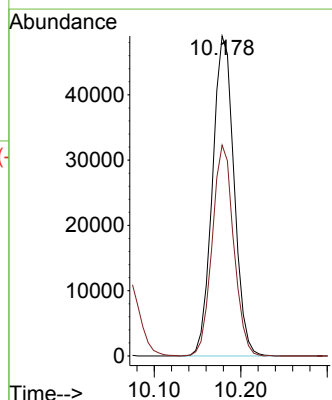
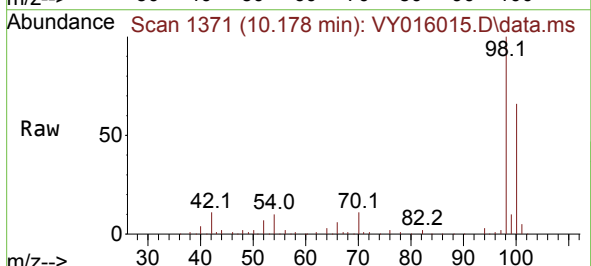
Acq: 18 Oct 2023 11:54

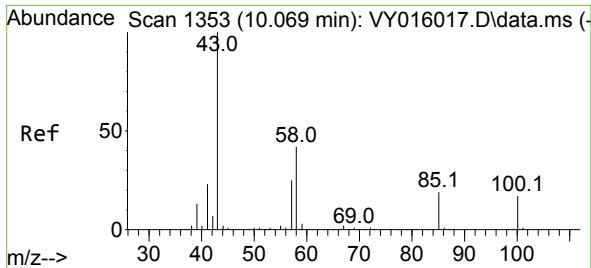
Tgt Ion: 98 Resp: 84809

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 49.165 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

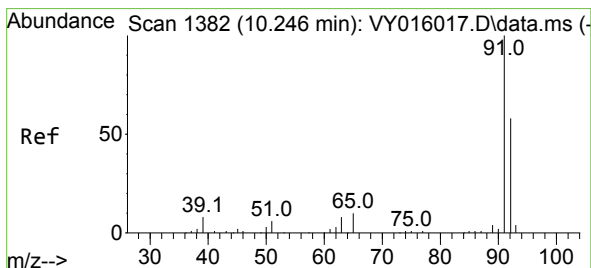
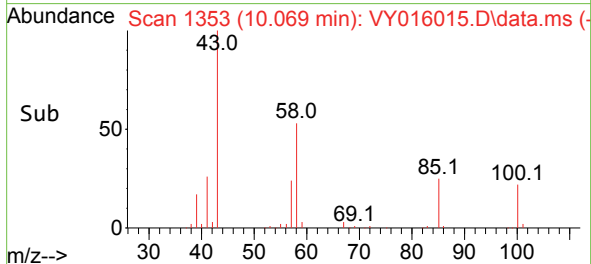
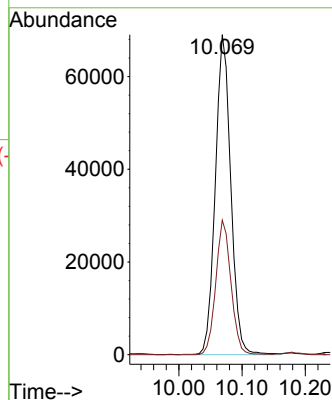
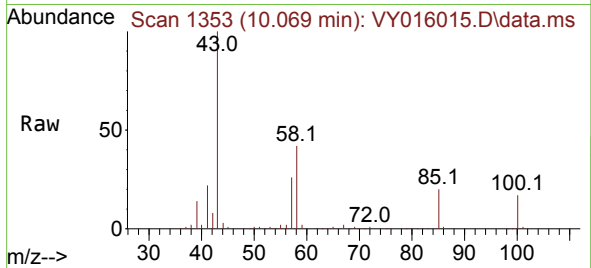
ClientSampleId :

Tgt Ion: 43 Resp: 117314

Ion Ratio Lower Upper

43 100

58 41.3 29.0 43.6



#52

Toluene

Concen: 9.871 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY016015.D

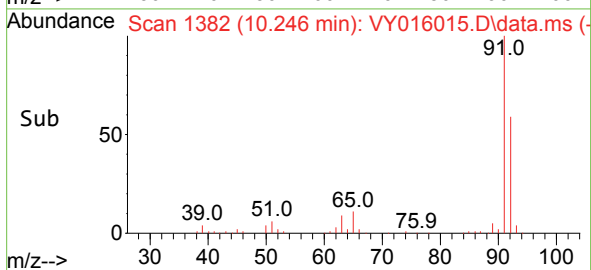
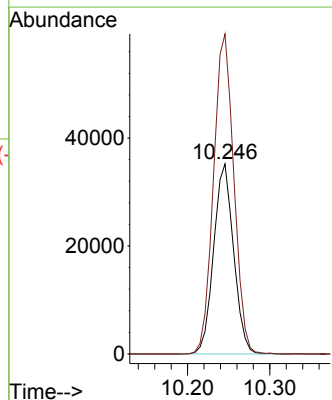
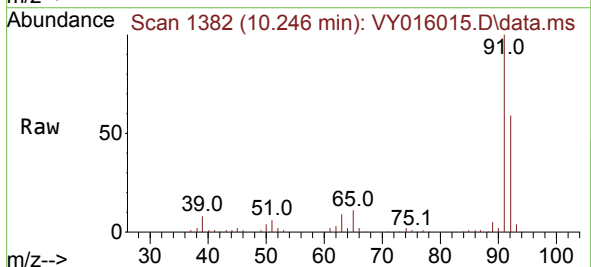
Acq: 18 Oct 2023 11:54

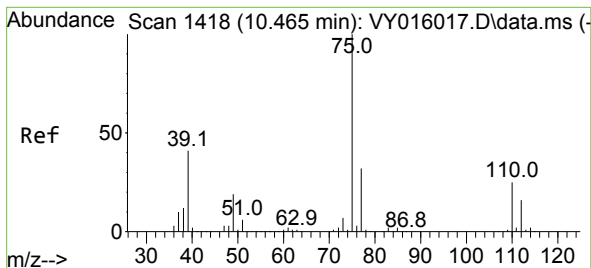
Tgt Ion: 92 Resp: 59410

Ion Ratio Lower Upper

92 100

91 171.7 143.8 215.6

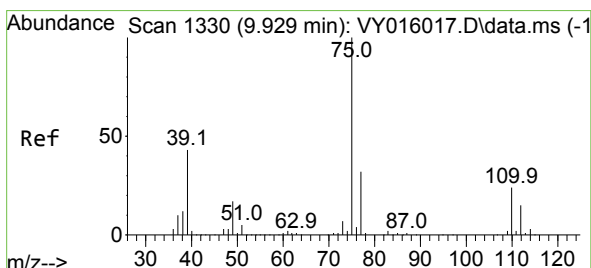
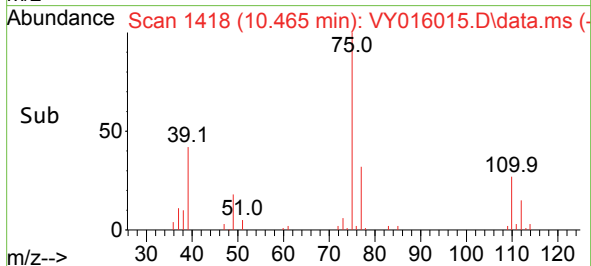
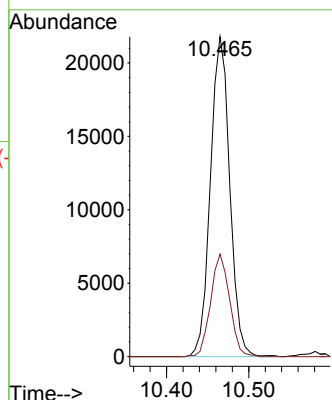
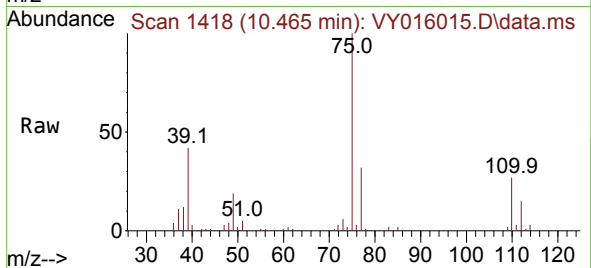




#53
 t-1,3-Dichloropropene
 Concen: 9.713 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

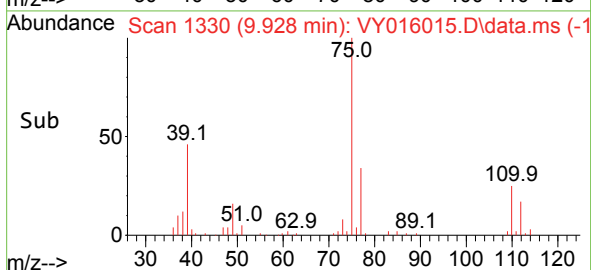
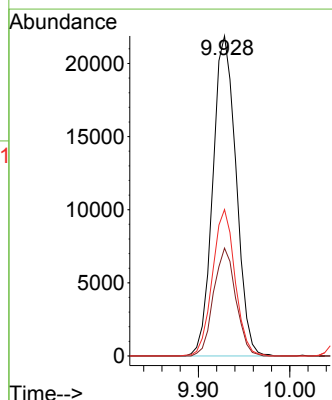
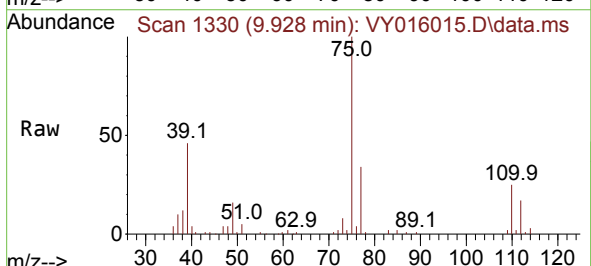
Instrument :
 MSVOA_Y
 ClientSampleId :

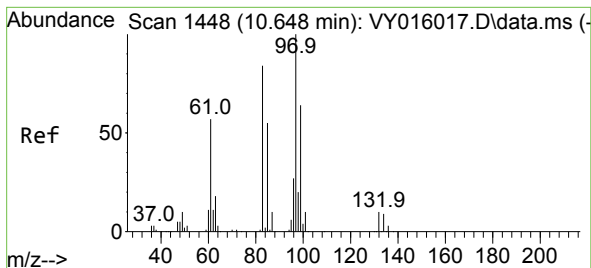
Tgt Ion: 75 Resp: 35554
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 9.696 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

Tgt Ion: 75 Resp: 38691
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.2 36.4
 39 45.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 9.914 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

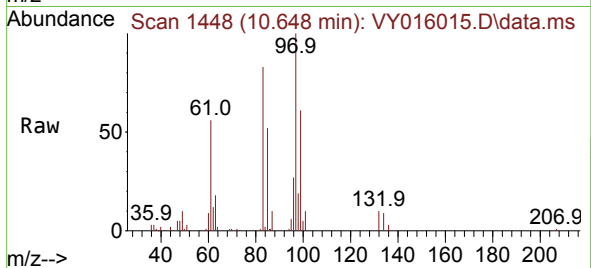
Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 20999

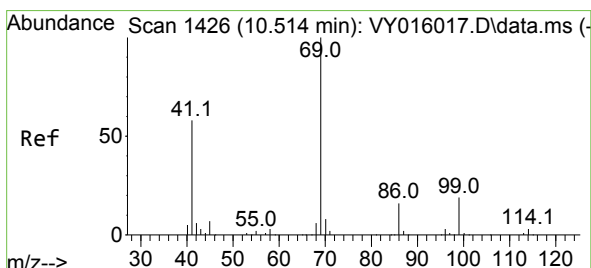
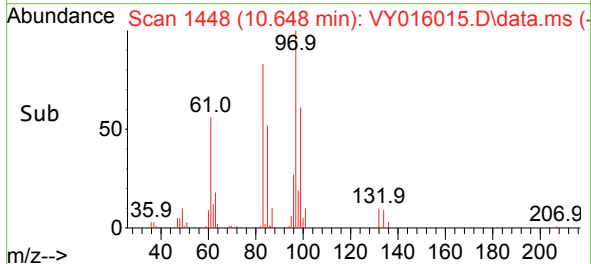
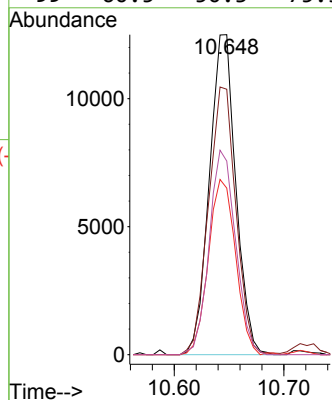
Ion Ratio Lower Upper

97 100

83 83.0 72.0 108.0

85 52.0 45.4 68.0

99 60.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 9.335 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

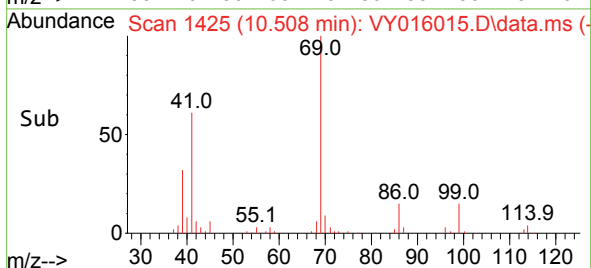
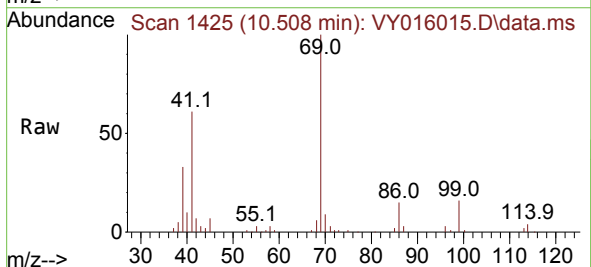
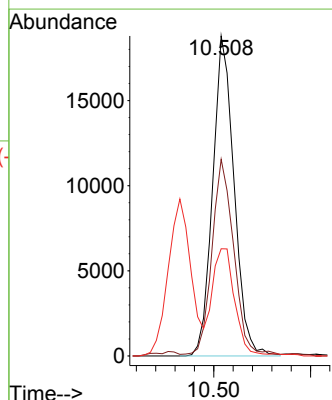
Tgt Ion: 69 Resp: 28895

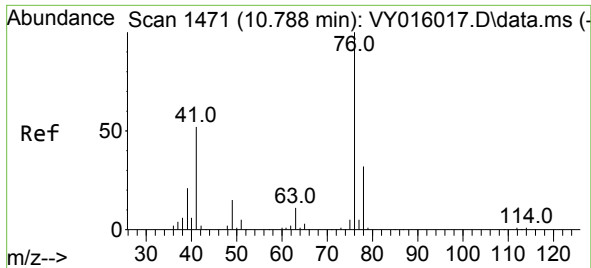
Ion Ratio Lower Upper

69 100

41 61.8 57.6 86.4

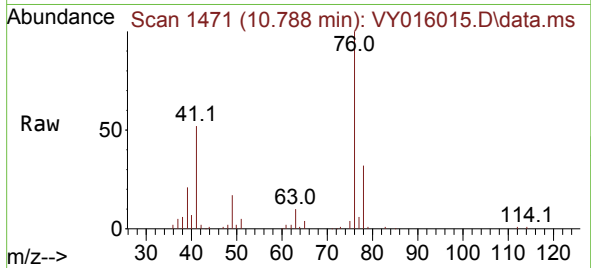
39 35.7 34.1 51.1



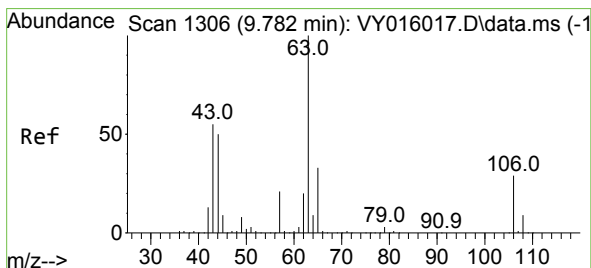
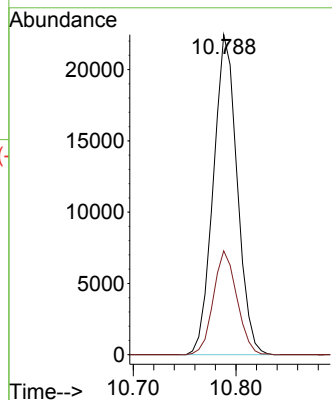
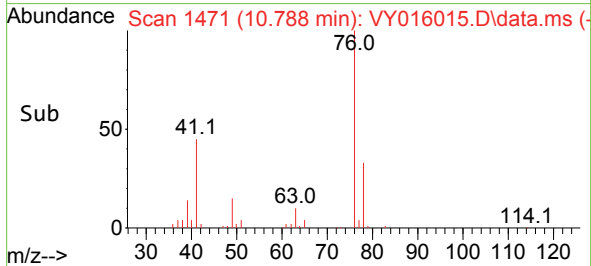


#57
1,3-Dichloropropane
Concen: 10.052 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

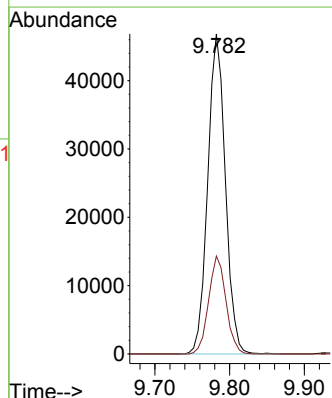
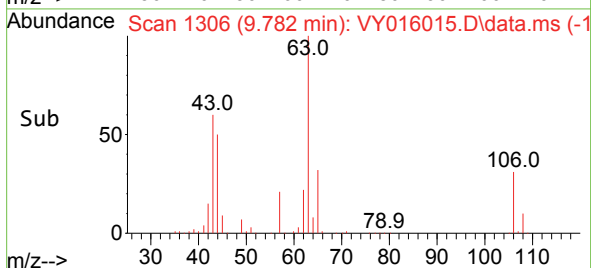
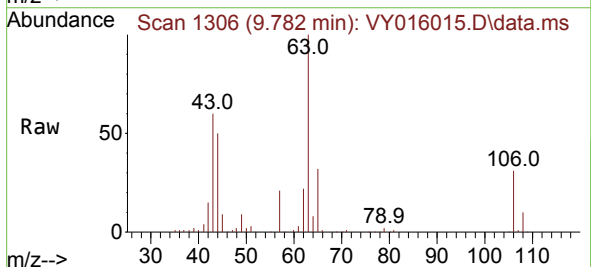


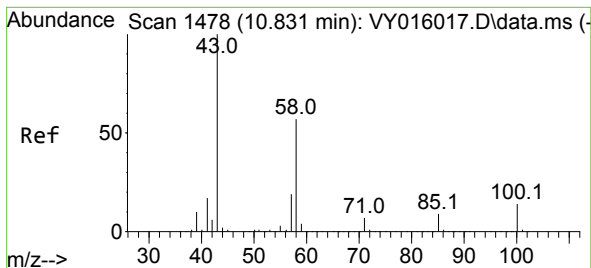
Tgt Ion: 76 Resp: 36119
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 51.481 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 63 Resp: 76544
Ion Ratio Lower Upper
63 100
106 30.1 21.2 31.8

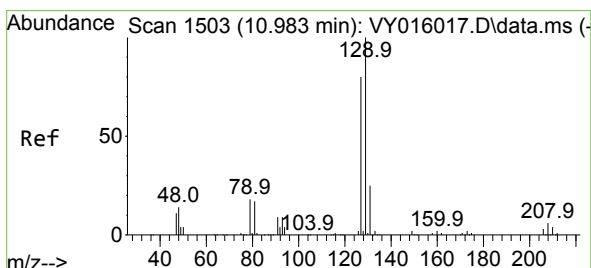
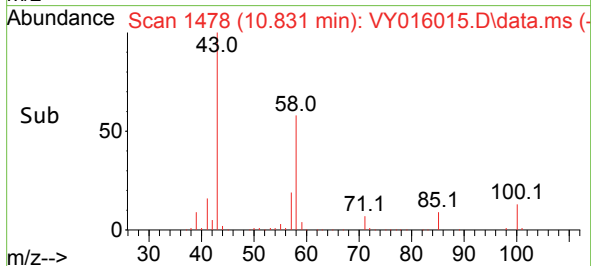
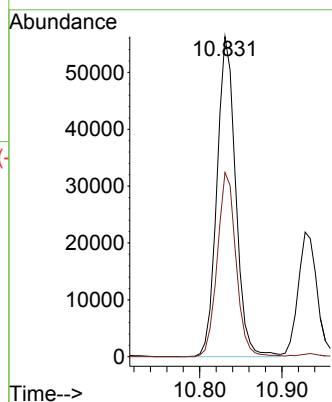
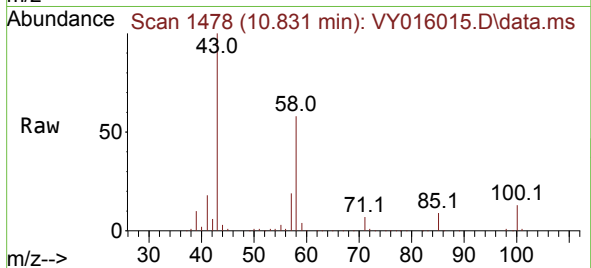




#59
2-Hexanone
Concen: 49.055 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

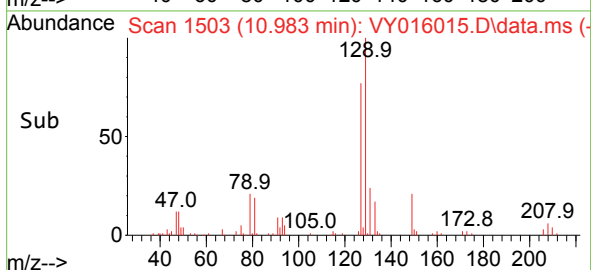
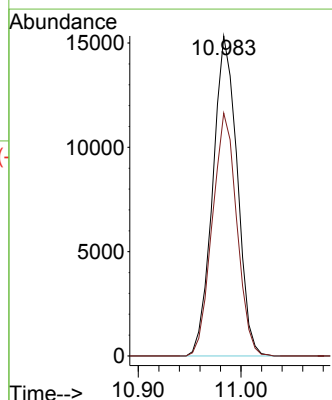
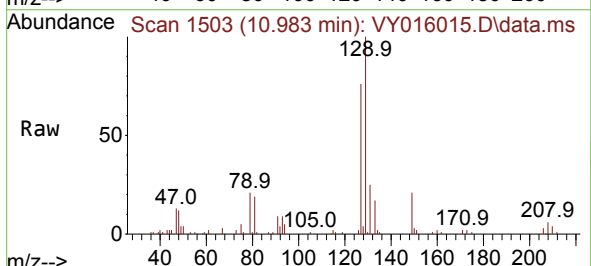
Instrument :
MSVOA_Y
ClientSampleId :

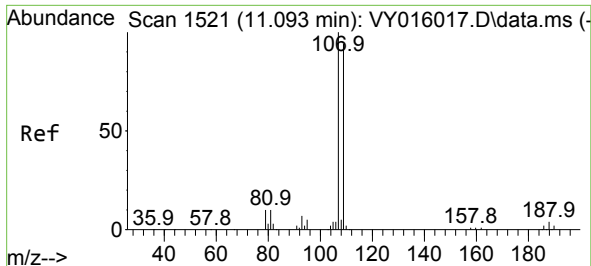
Tgt Ion: 43 Resp: 89057
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 9.863 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 129 Resp: 25266
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 9.957 ug/l

RT: 11.087 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

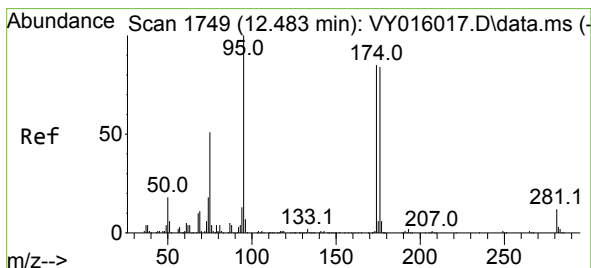
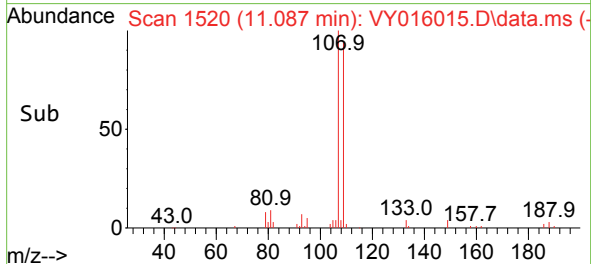
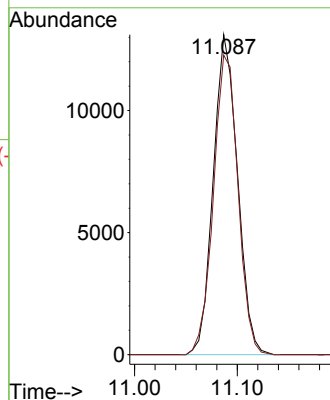
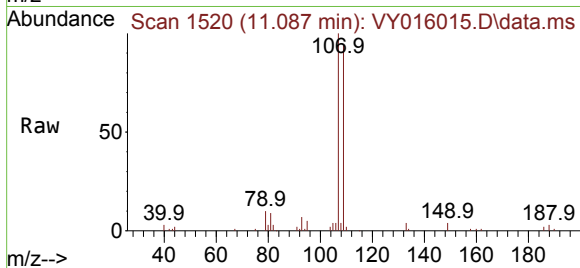
ClientSampleId :

Tgt Ion:107 Resp: 21463

Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 10.600 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

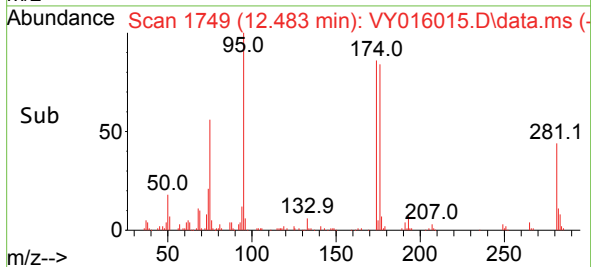
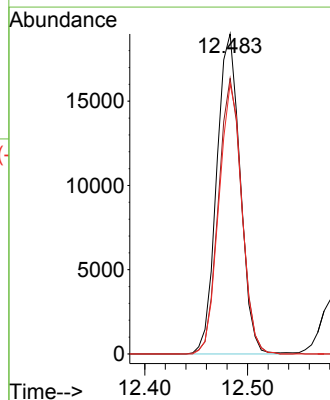
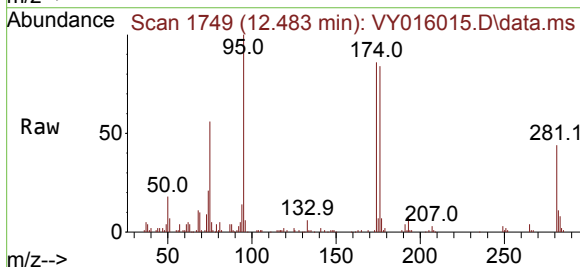
Tgt Ion: 95 Resp: 30062

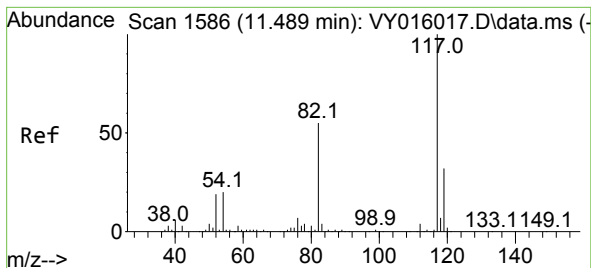
Ion Ratio Lower Upper

95 100

174 85.0 0.0 178.2

176 83.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

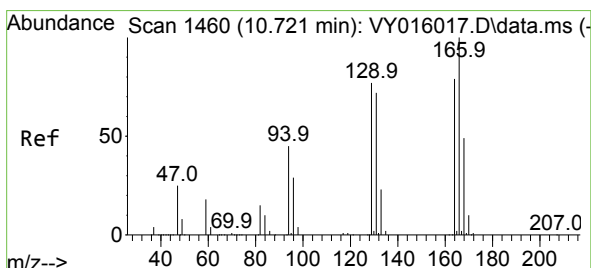
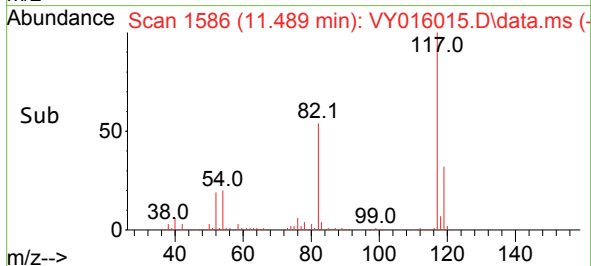
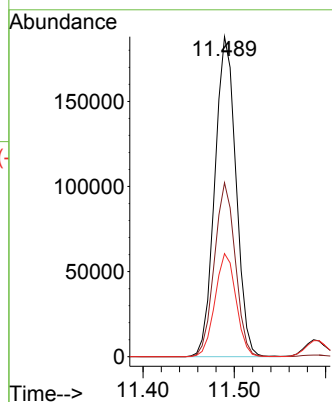
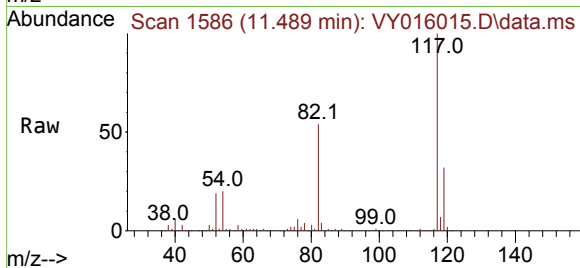
Tgt Ion:117 Resp: 302355

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 10.066 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Tgt Ion:164 Resp: 23601

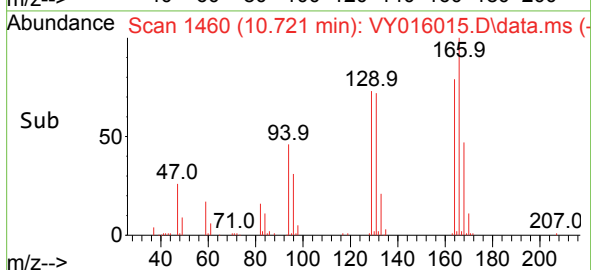
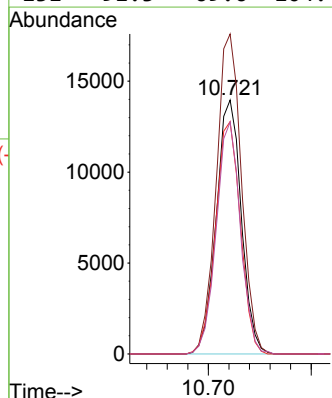
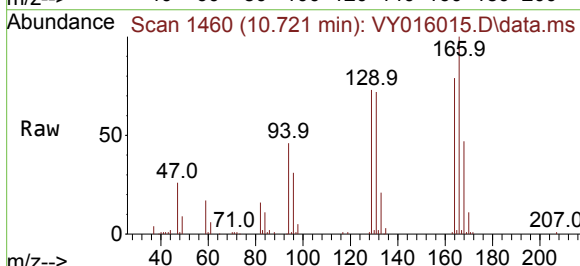
Ion Ratio Lower Upper

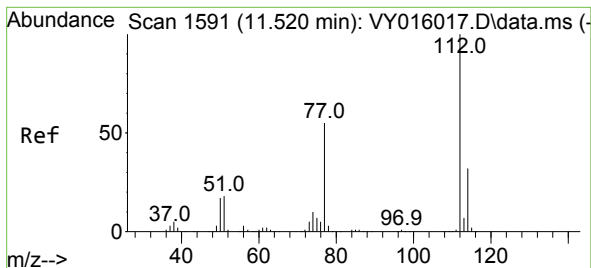
164 100

166 126.0 103.0 154.6

129 91.5 77.2 115.8

131 91.3 69.6 104.4





#65

Chlorobenzene

Concen: 10.010 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

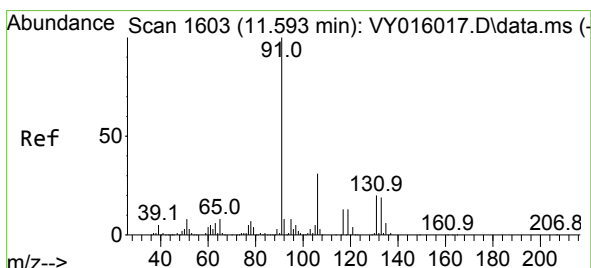
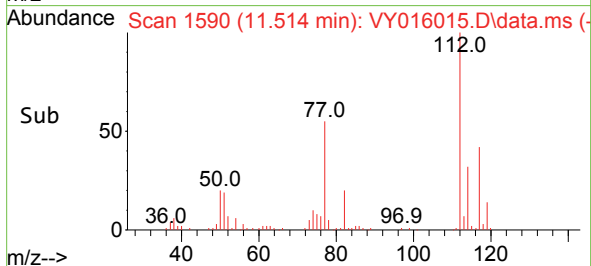
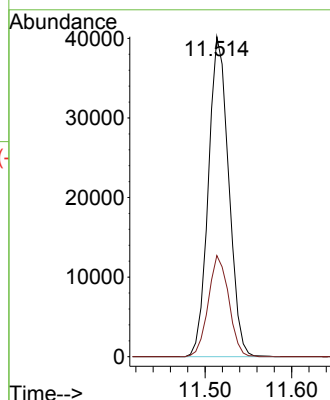
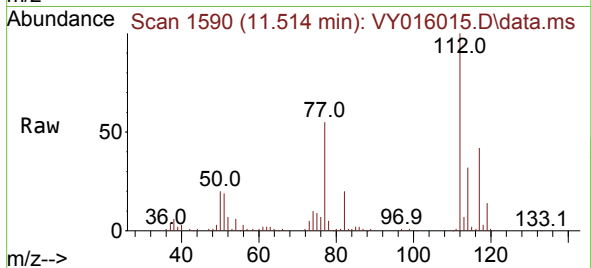
ClientSampleId :

Tgt Ion:112 Resp: 65546

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 9.936 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

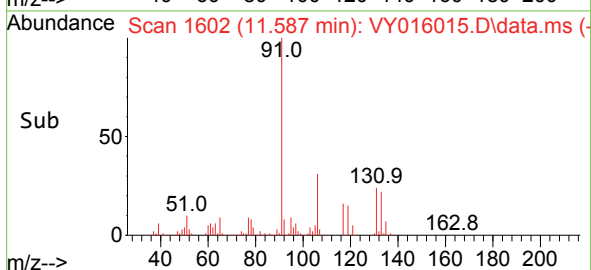
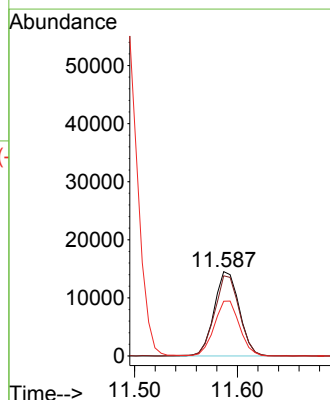
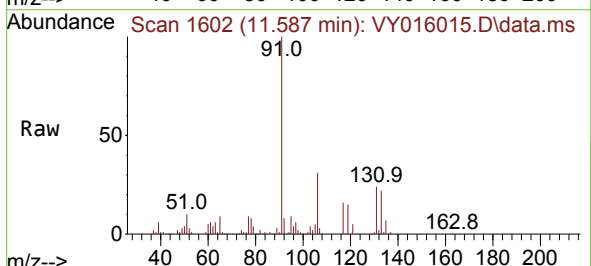
Tgt Ion:131 Resp: 24524

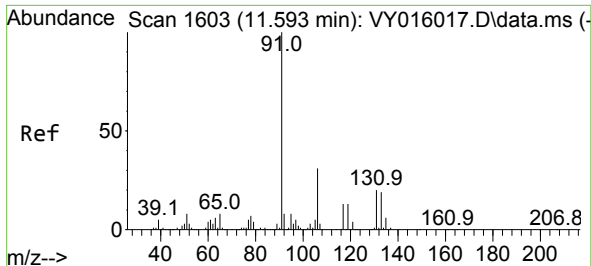
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.6

119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 9.724 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

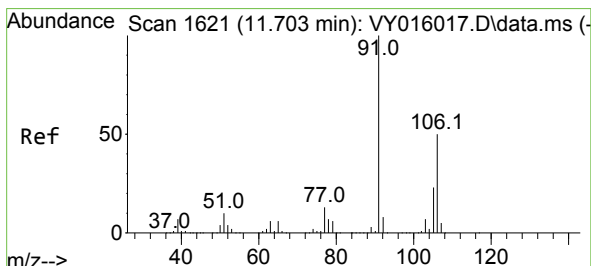
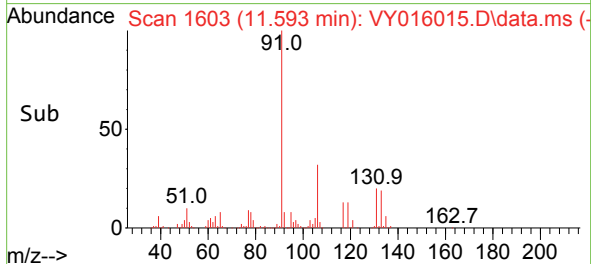
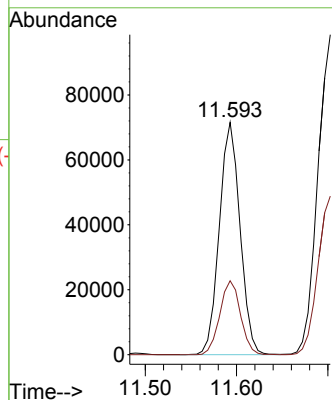
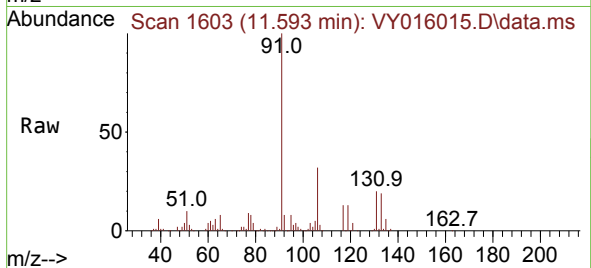
ClientSampleId :

Tgt Ion: 91 Resp: 112675

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 19.674 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY016015.D

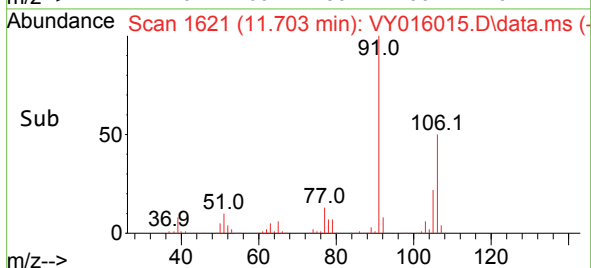
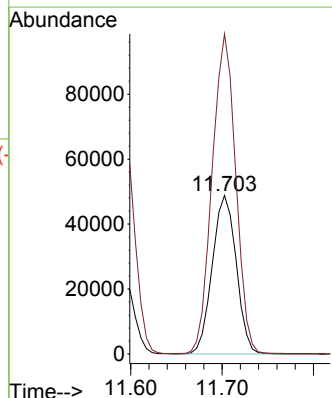
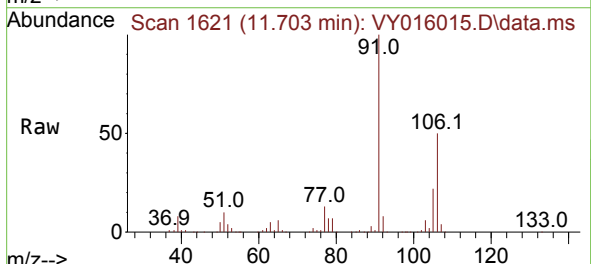
Acq: 18 Oct 2023 11:54

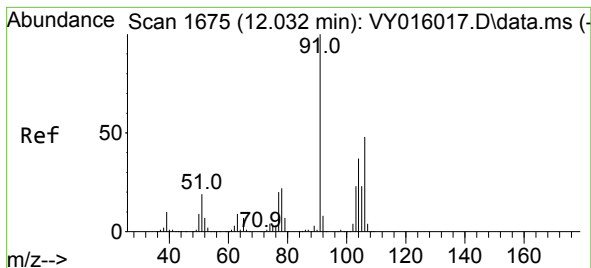
Tgt Ion:106 Resp: 88895

Ion Ratio Lower Upper

106 100

91 199.5 166.1 249.1





#69

o-Xylene

Concen: 9.774 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

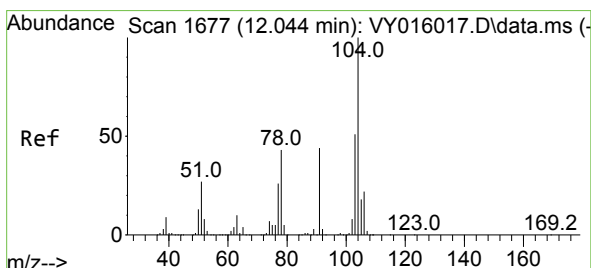
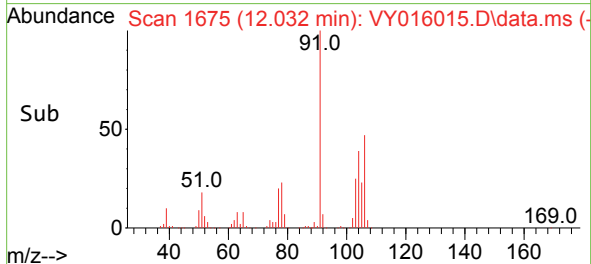
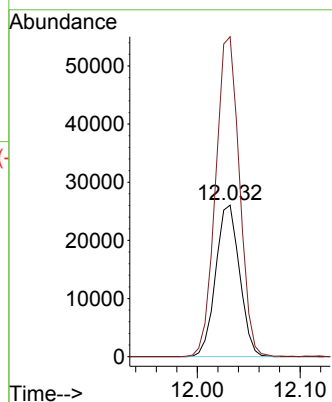
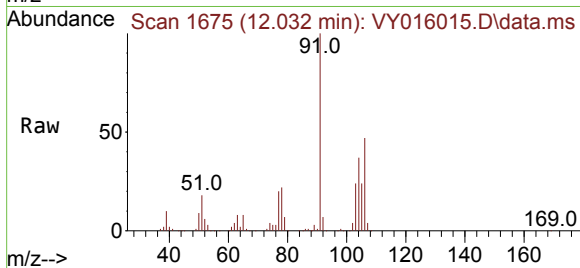
ClientSampleId :

Tgt Ion:106 Resp: 42012

Ion Ratio Lower Upper

106 100

91 210.7 108.1 324.3



#70

Styrene

Concen: 9.699 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

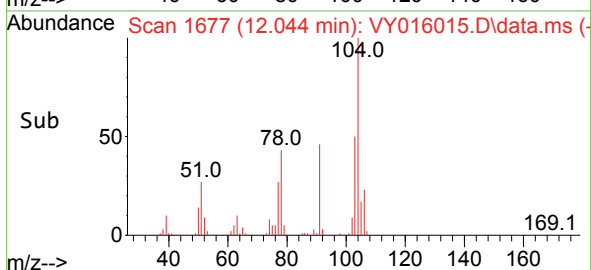
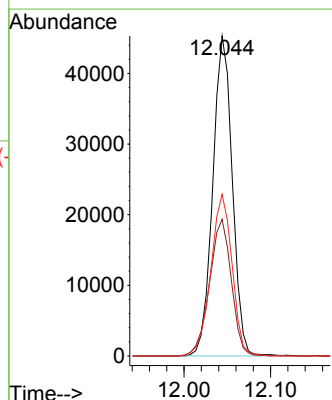
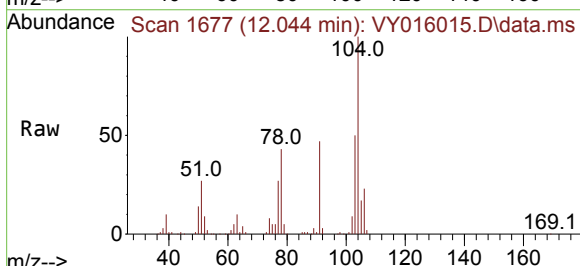
Tgt Ion:104 Resp: 71058

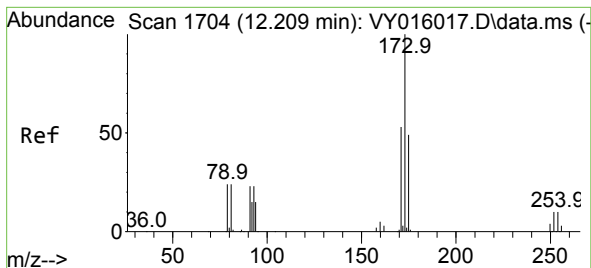
Ion Ratio Lower Upper

104 100

78 47.7 41.5 62.3

103 54.8 44.6 67.0





#71

Bromoform

Concen: 9.624 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

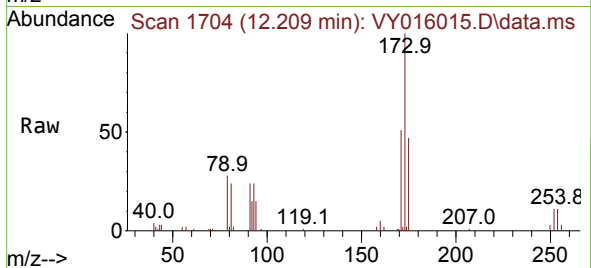
Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :



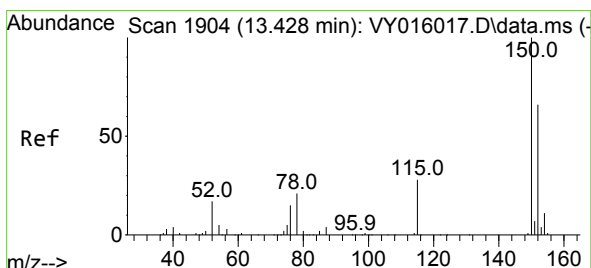
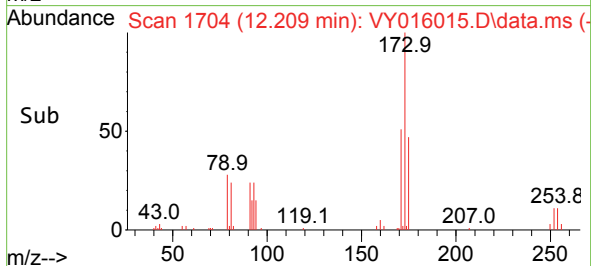
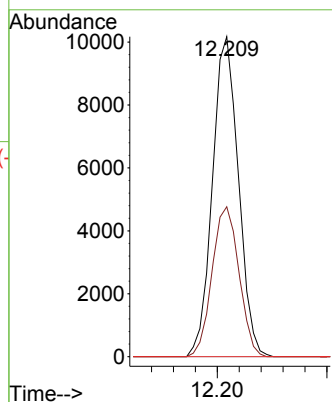
Tgt Ion:173 Resp: 16714

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

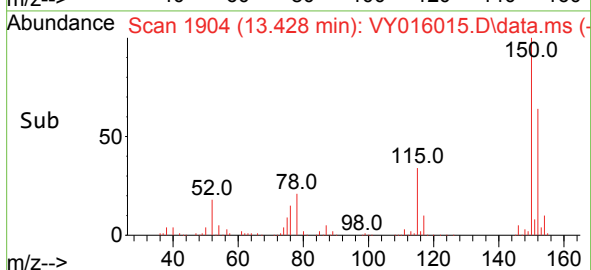
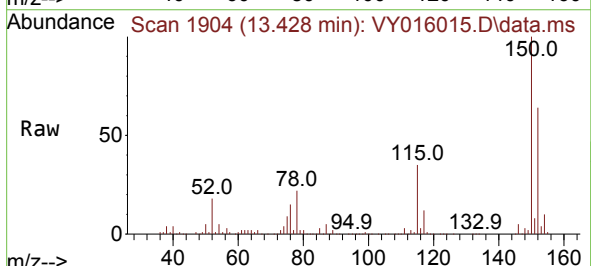
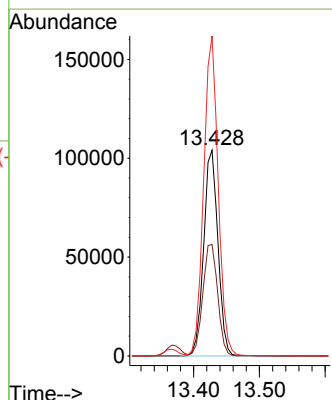
Tgt Ion:152 Resp: 157163

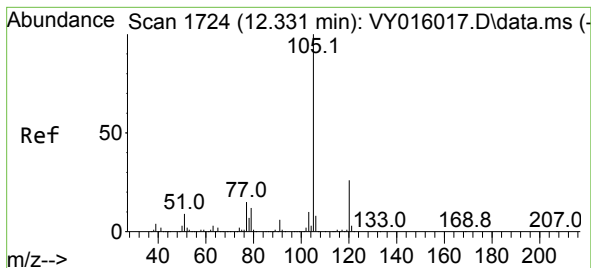
Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 157.7 0.0 348.8





#73

Isopropylbenzene

Concen: 9.585 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

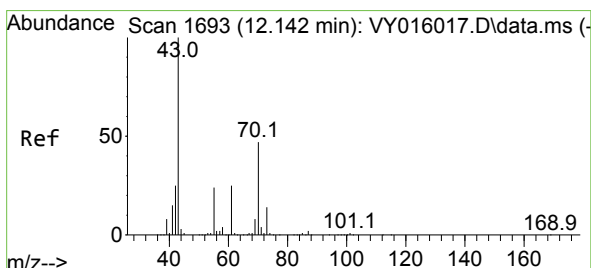
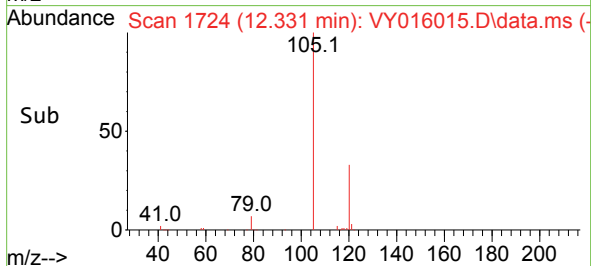
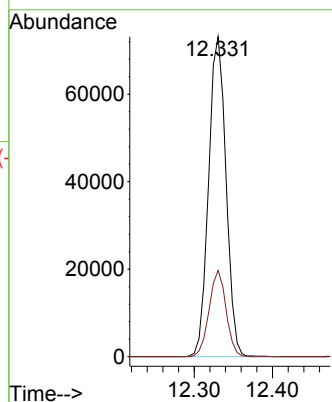
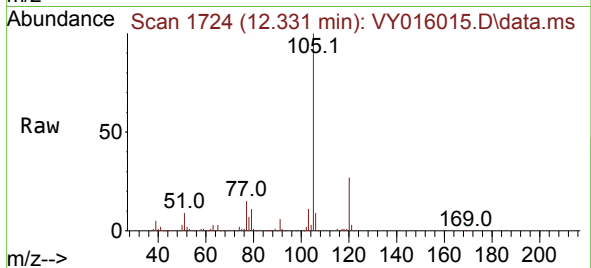
ClientSampleId :

Tgt Ion:105 Resp: 112684

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 9.206 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Tgt Ion: 43 Resp: 34185

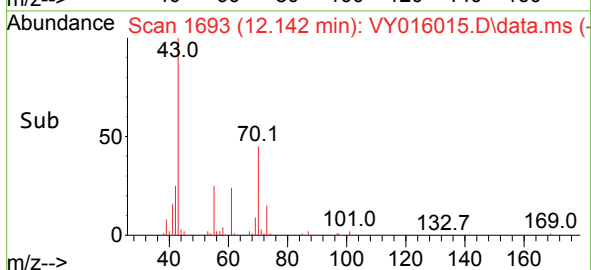
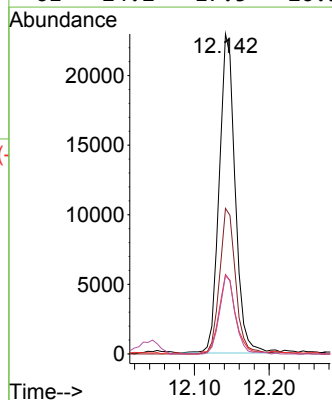
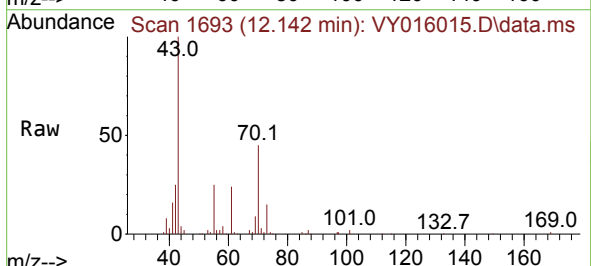
Ion Ratio Lower Upper

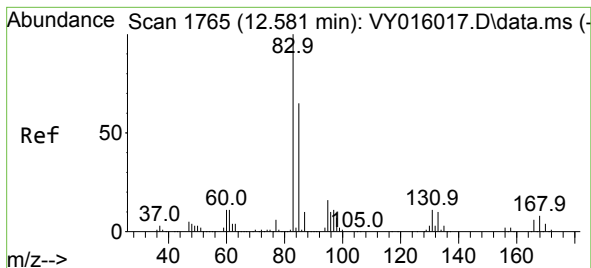
43 100

70 45.7 29.7 44.5#

55 26.0 18.3 27.5

61 24.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 9.739 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

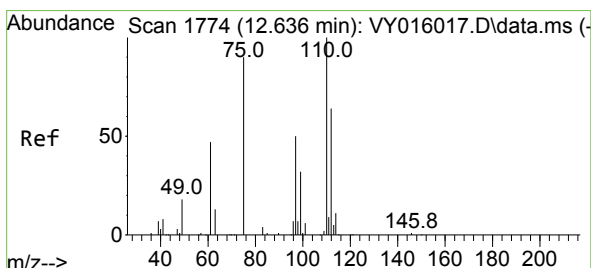
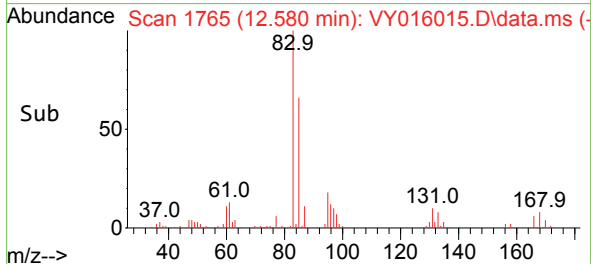
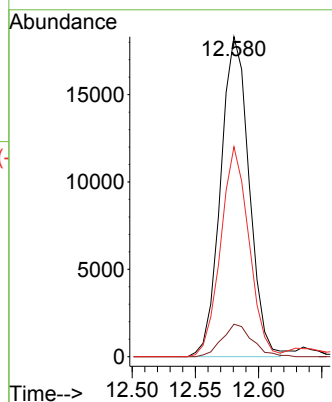
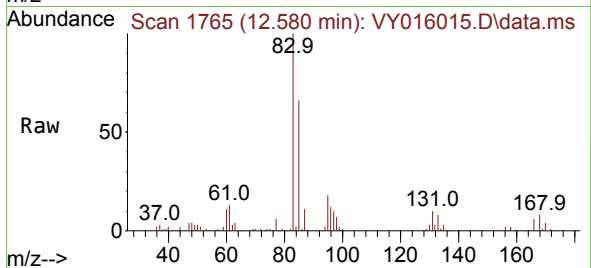
Tgt Ion: 83 Resp: 28678

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 15.972 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY016015.D

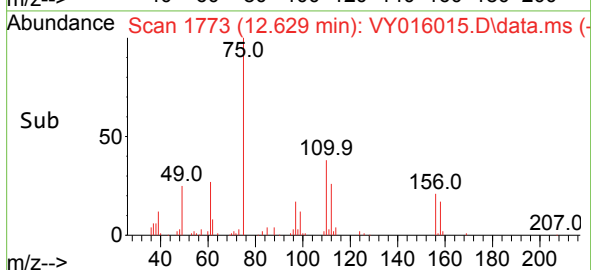
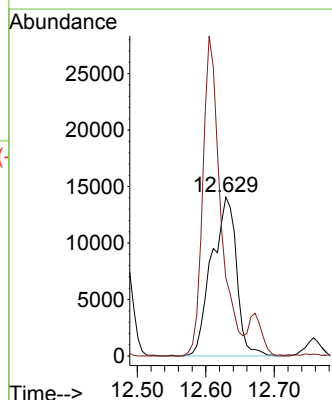
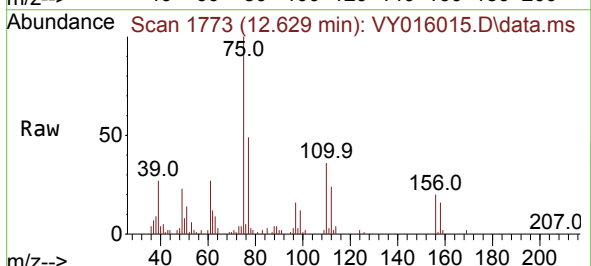
Acq: 18 Oct 2023 11:54

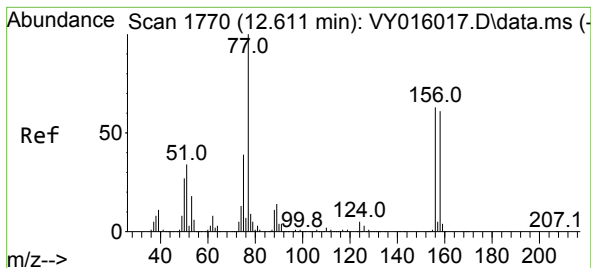
Tgt Ion: 75 Resp: 35409

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.862 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY016015.D

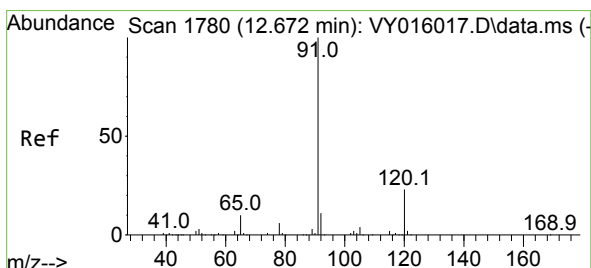
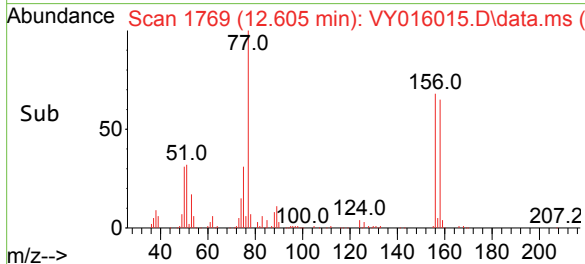
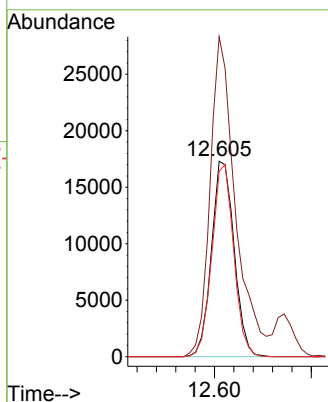
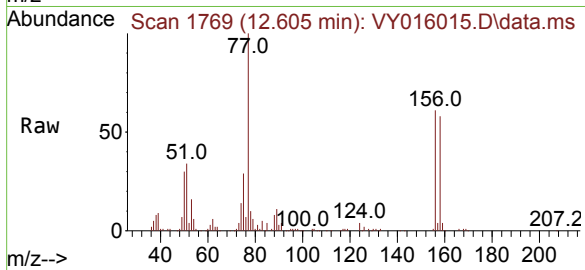
Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	28142
Ion Ratio	Lower	Upper	
156	100		
77	181.8	92.8	278.6
158	94.4	48.4	145.3



#78

n-propylbenzene

Concen: 9.518 ug/l

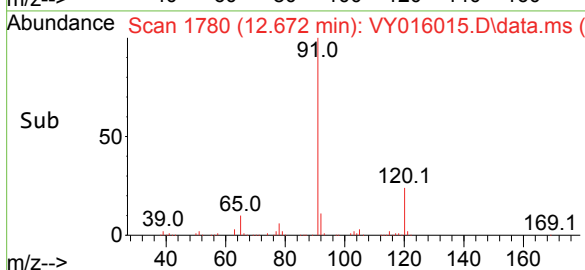
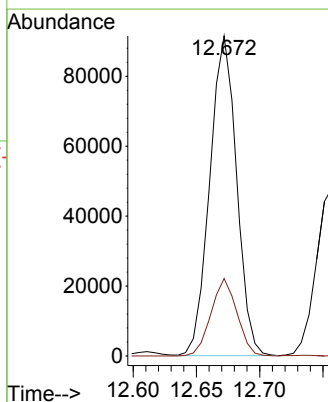
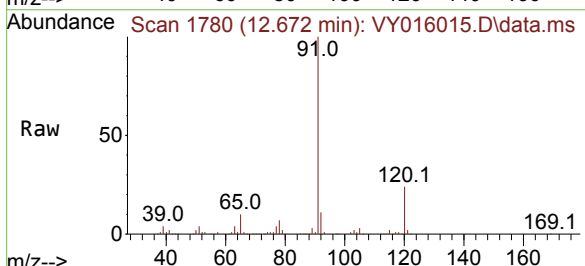
RT: 12.672 min Scan# 1780

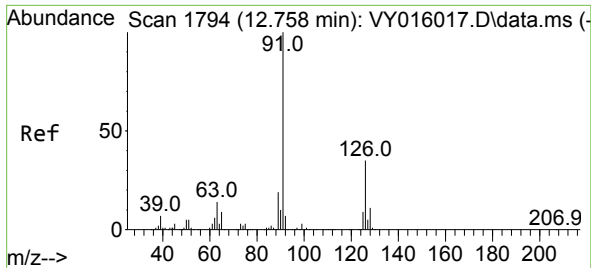
Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Tgt Ion:	91	Resp:	134774
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4

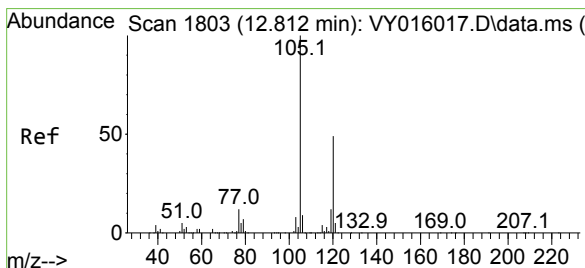
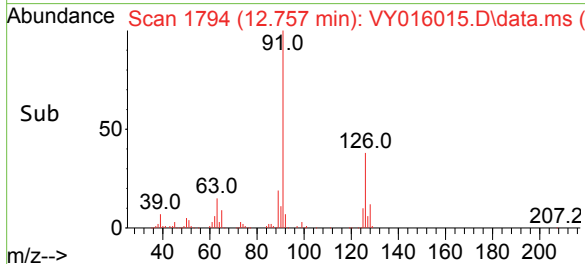
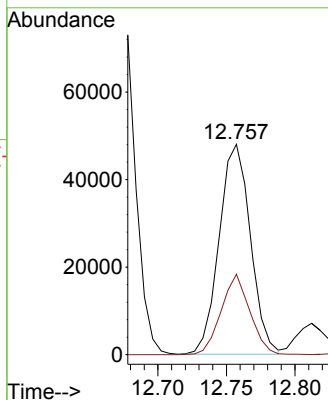
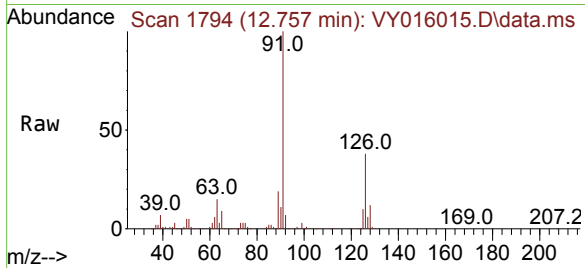




#79
2-Chlorotoluene
Concen: 9.579 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

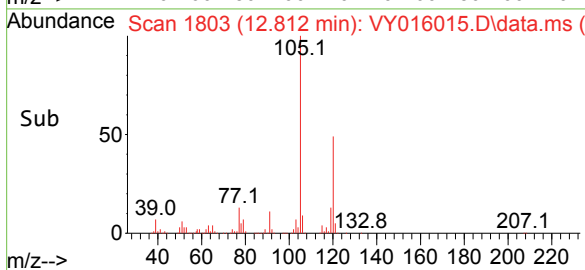
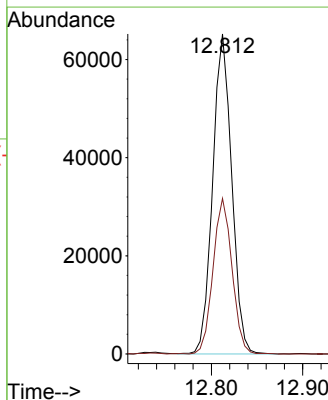
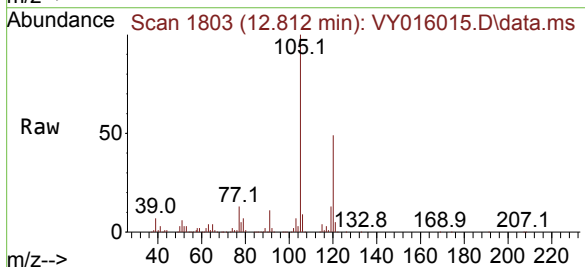
Instrument :
MSVOA_Y
ClientSampleId :

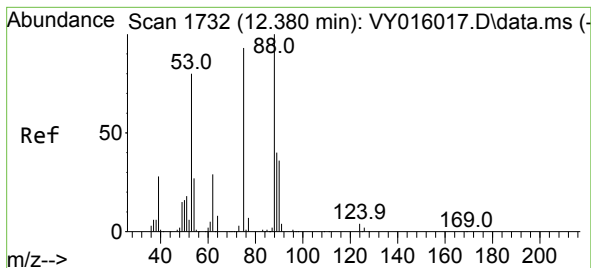
Tgt Ion: 91 Resp: 76138
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 9.685 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 105 Resp: 94306
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7

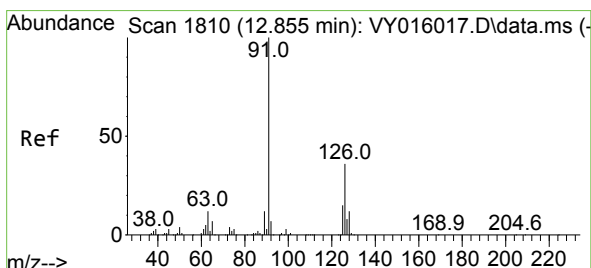
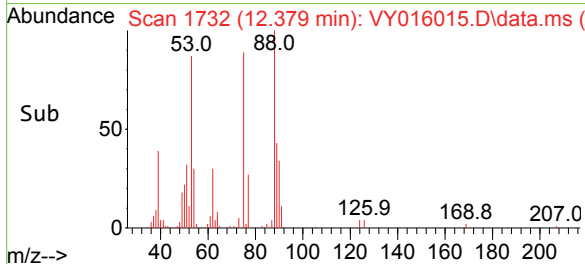
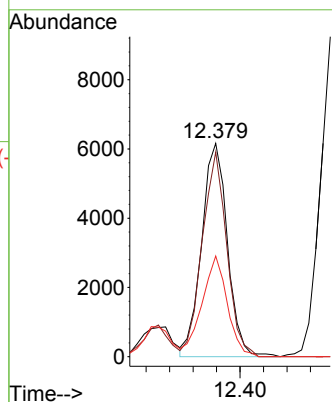
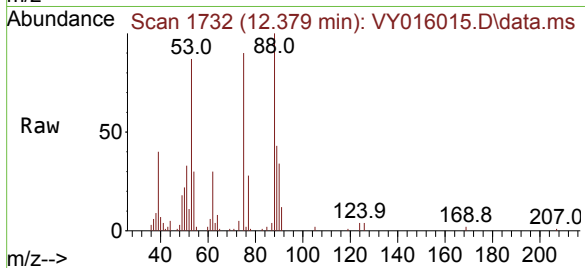




#81
trans-1,4-Dichloro-2-butene
Concen: 9.222 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

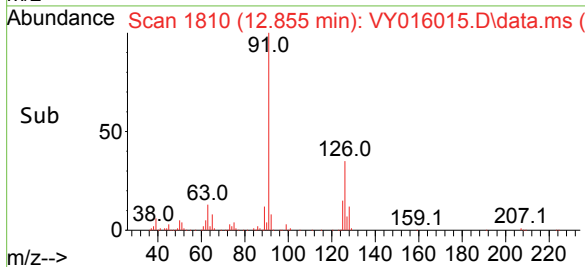
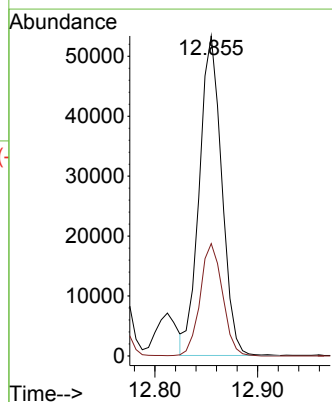
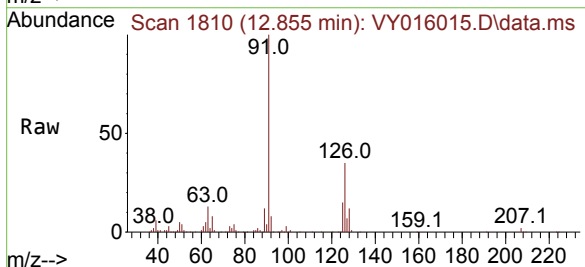
Instrument :
MSVOA_Y
ClientSampleId :

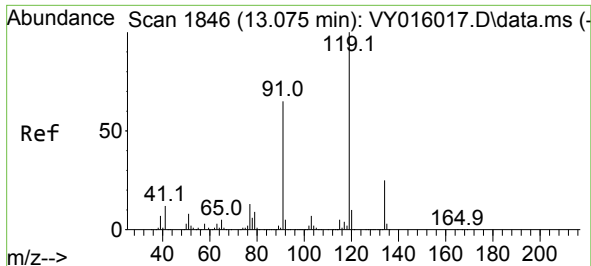
Tgt Ion: 75 Resp: 9401
Ion Ratio Lower Upper
75 100
53 91.6 77.8 116.8
89 46.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 9.741 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

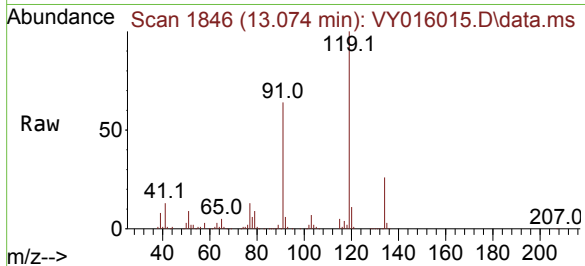
Tgt Ion: 91 Resp: 80800
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6



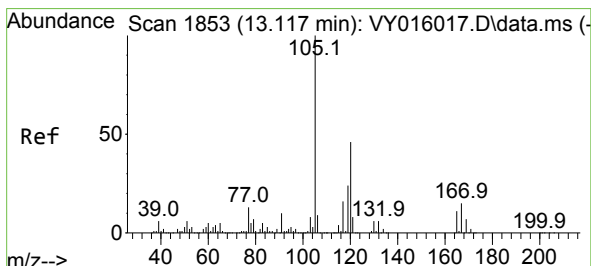
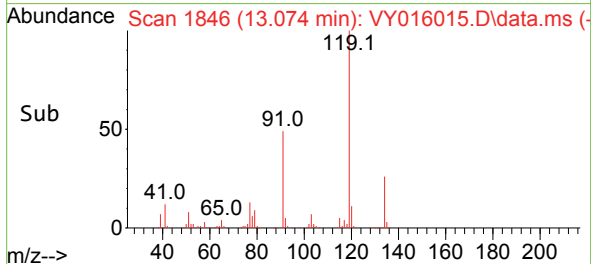
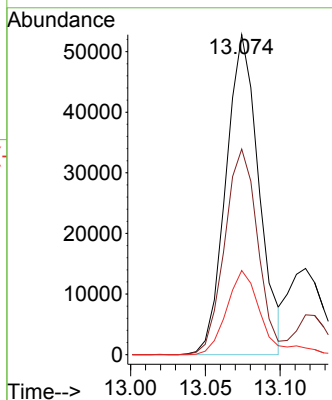


#83
tert-Butylbenzene
Concen: 9.487 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

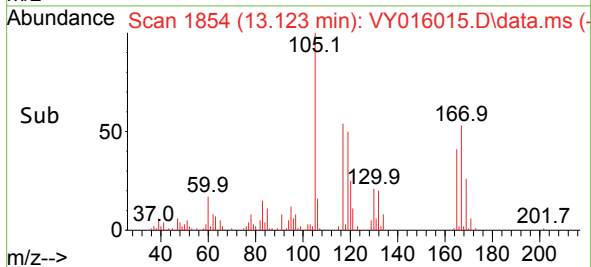
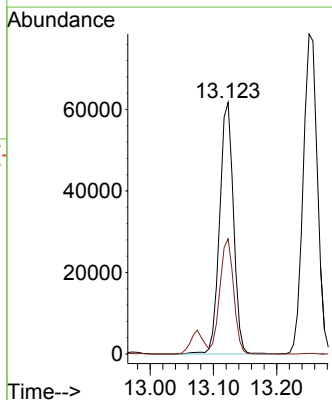
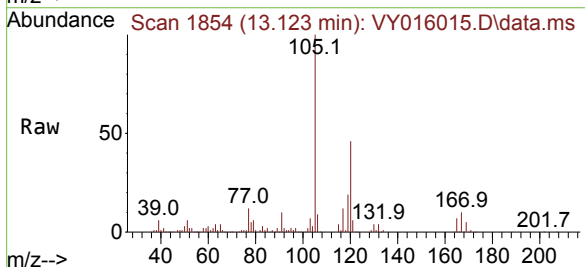


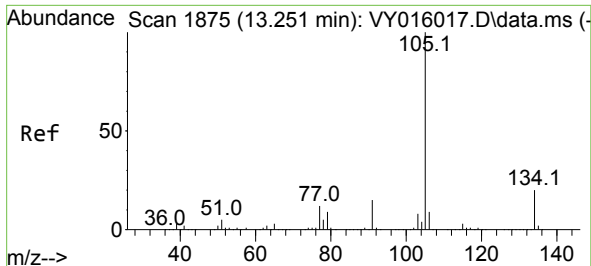
Tgt Ion:119 Resp: 81003
Ion Ratio Lower Upper
119 100
91 64.2 32.9 98.6
134 28.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 9.661 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:105 Resp: 93418
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6

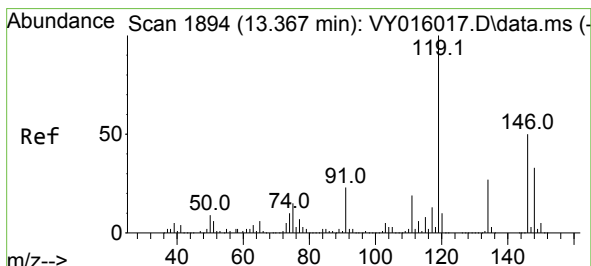
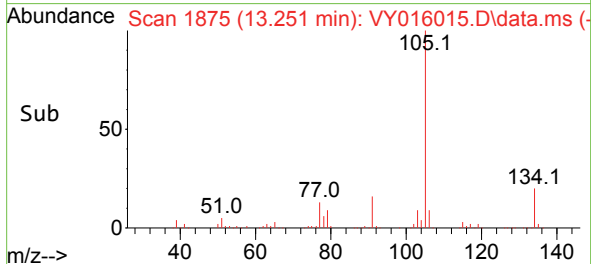
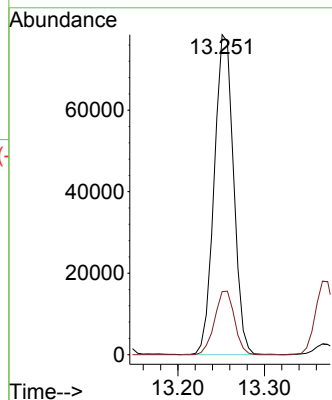
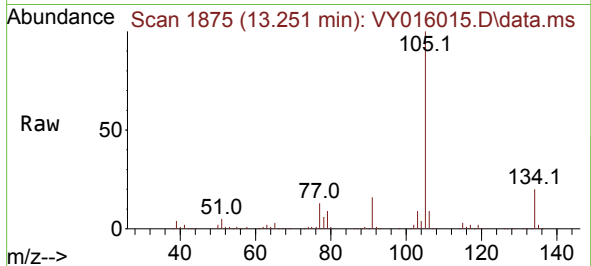




#85
 sec-Butylbenzene
 Concen: 9.576 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

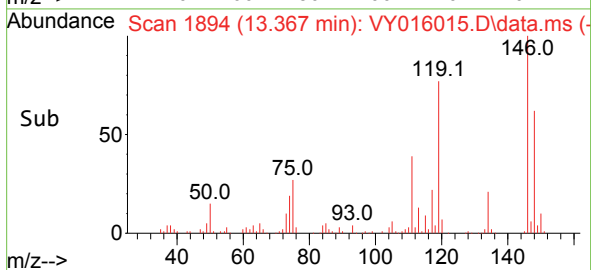
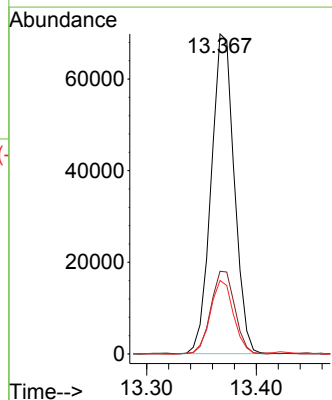
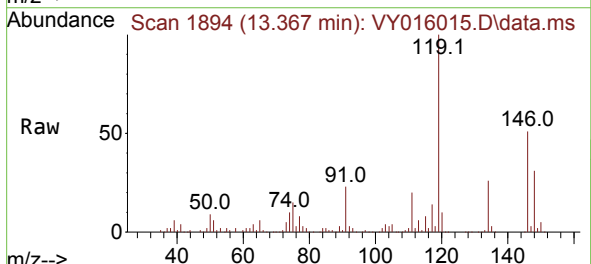
Instrument :
 MSVOA_Y
 ClientSampleId :

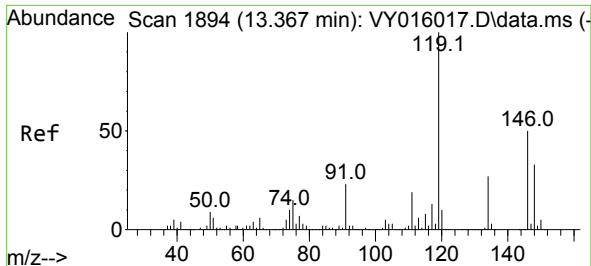
Tgt Ion:105 Resp: 122122
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 9.571 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

Tgt Ion:119 Resp: 102000
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 9.683 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

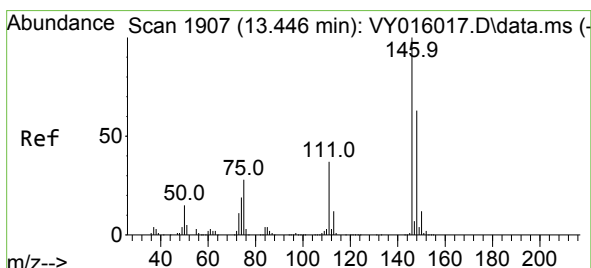
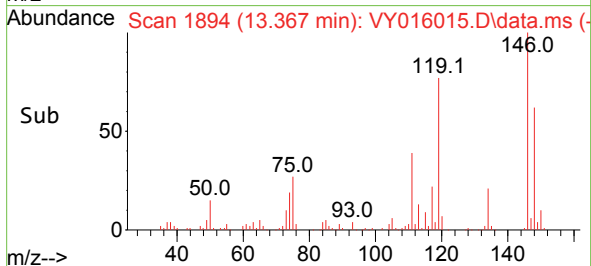
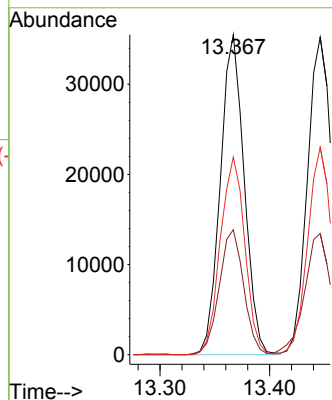
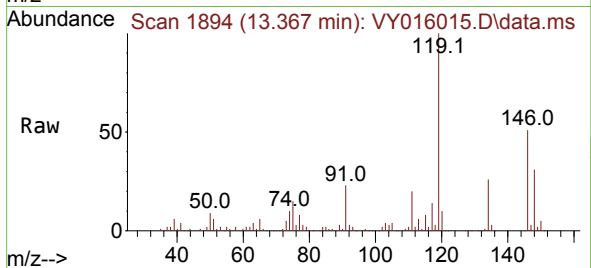
Tgt Ion:146 Resp: 53761

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 9.936 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

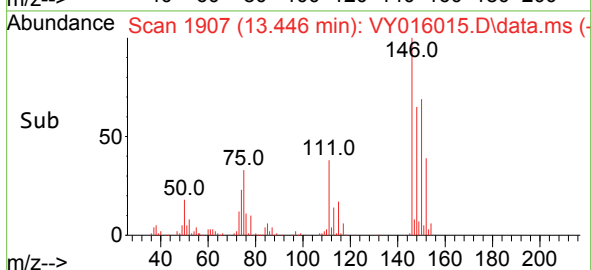
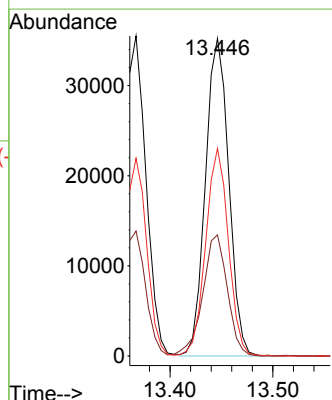
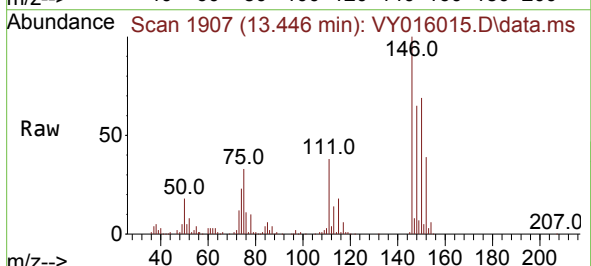
Tgt Ion:146 Resp: 55542

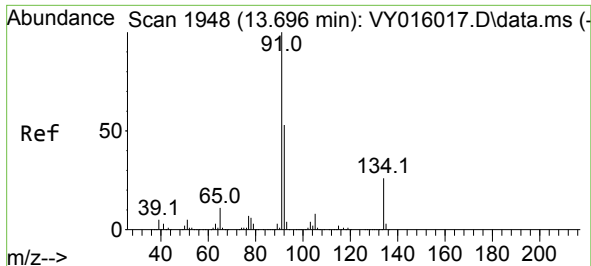
Ion Ratio Lower Upper

146 100

111 40.4 18.9 56.7

148 63.8 32.1 96.5

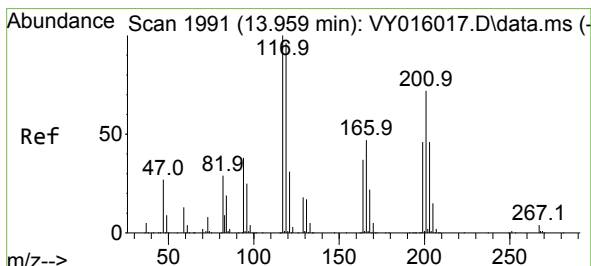
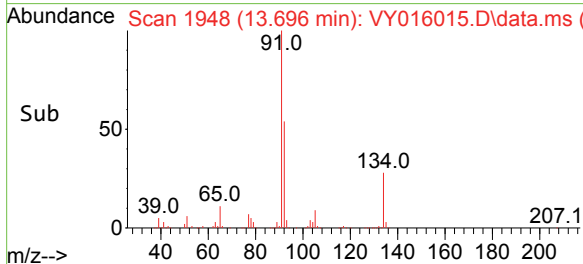
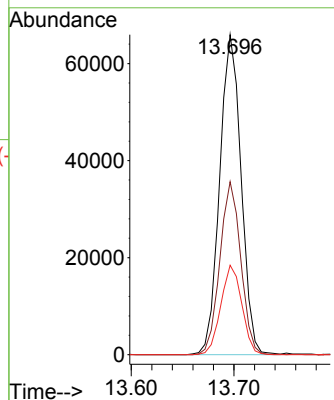
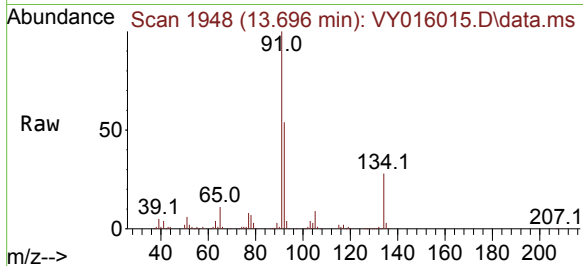




#89
n-Butylbenzene
Concen: 9.618 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

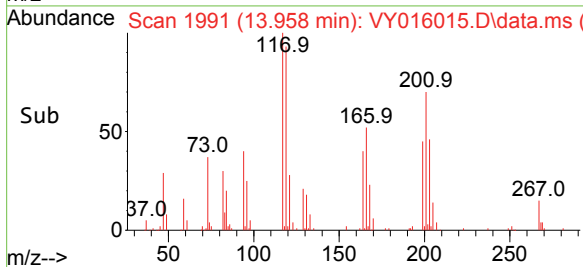
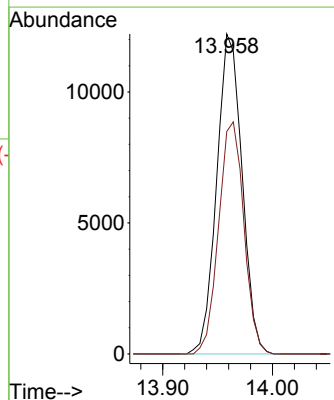
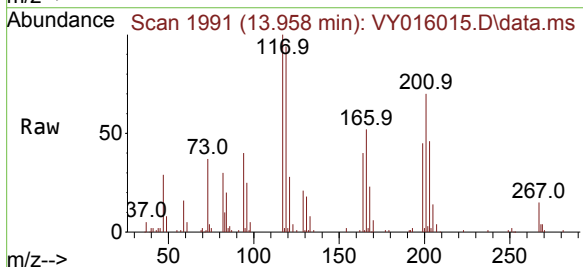
Instrument :
MSVOA_Y
ClientSampleId :

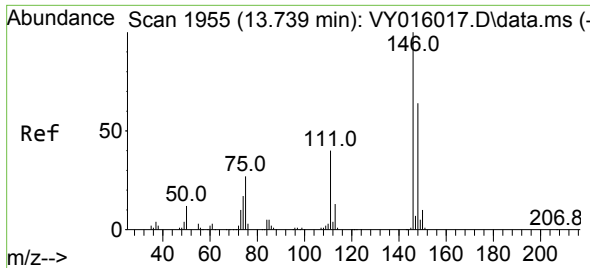
Tgt Ion: 91 Resp: 95418
Ion Ratio Lower Upper
91 100
92 52.7 25.4 76.0
134 27.4 12.6 37.6



#90
Hexachloroethane
Concen: 9.659 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 117 Resp: 19623
Ion Ratio Lower Upper
117 100
201 72.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 9.833 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

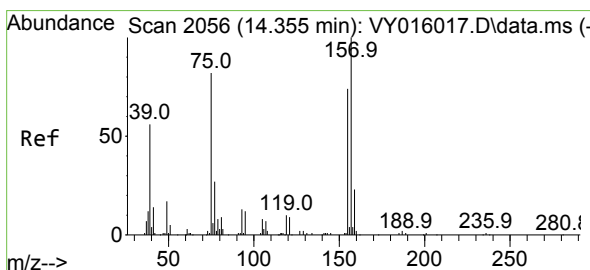
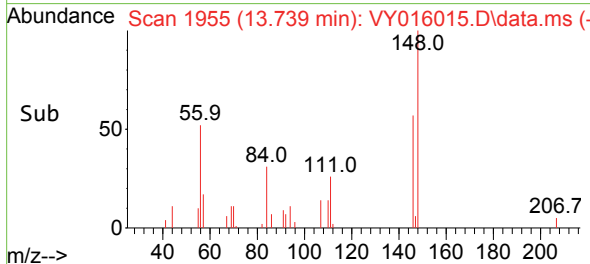
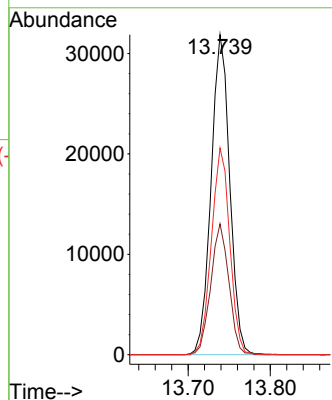
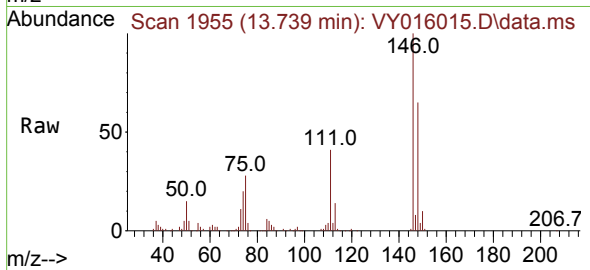
Tgt Ion:146 Resp: 50123

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.805 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

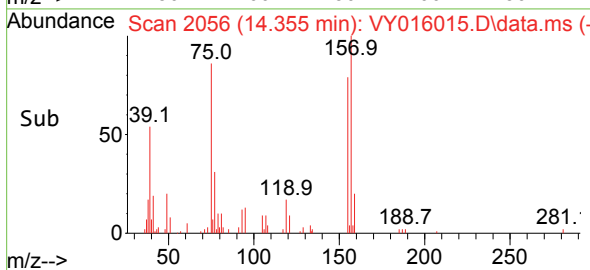
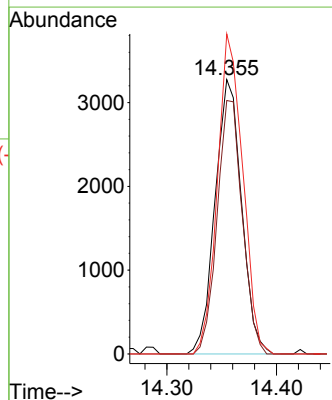
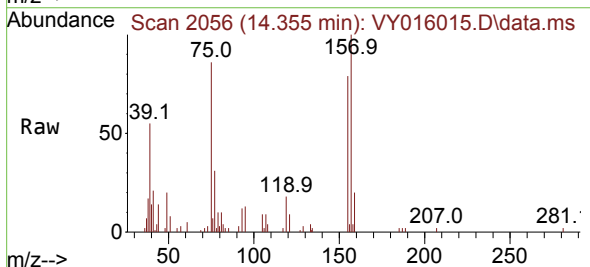
Tgt Ion: 75 Resp: 5496

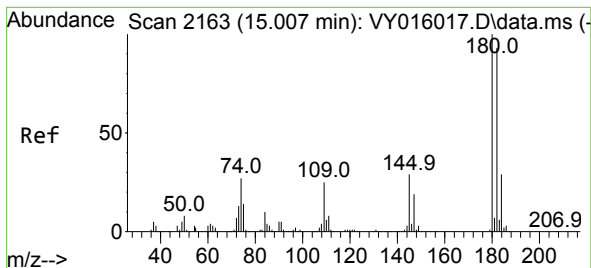
Ion Ratio Lower Upper

75 100

155 87.6 41.5 124.6

157 111.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 9.901 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

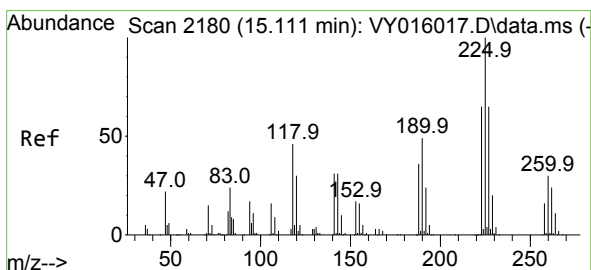
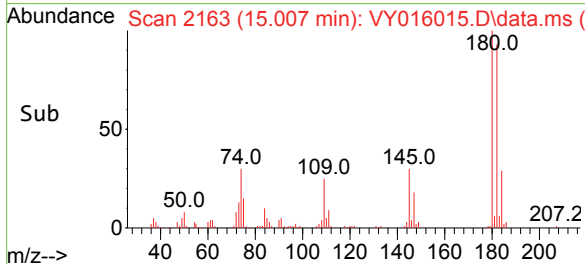
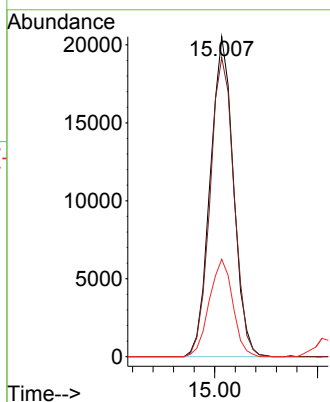
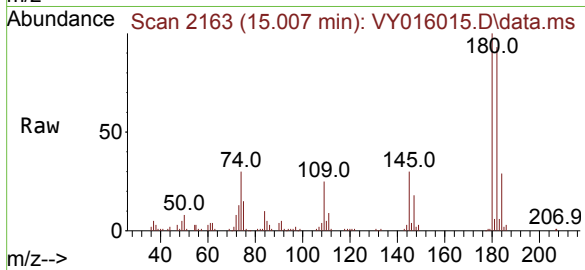
Tgt Ion:180 Resp: 32152

Ion Ratio Lower Upper

180 100

182 96.0 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 10.303 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

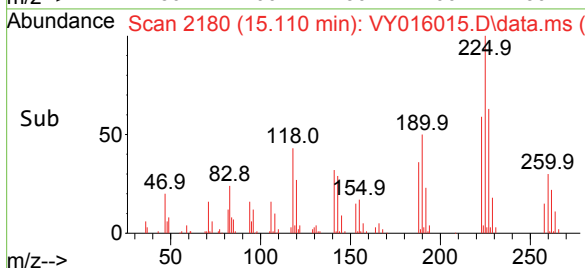
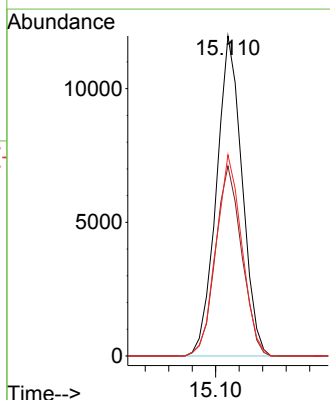
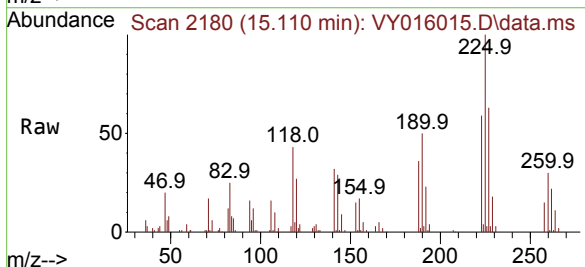
Tgt Ion:225 Resp: 18172

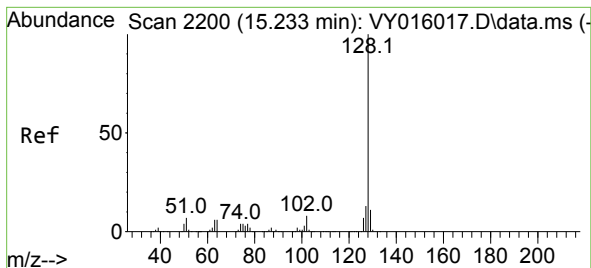
Ion Ratio Lower Upper

225 100

223 60.7 31.9 95.9

227 63.3 33.0 98.9





#95

Naphthalene

Concen: 9.535 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY016015.D

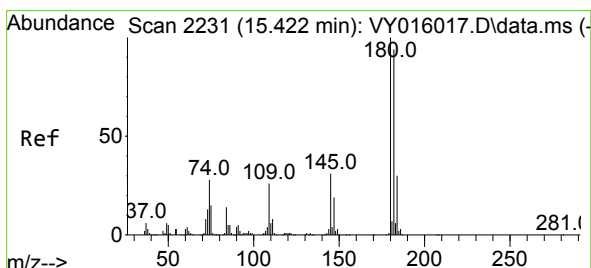
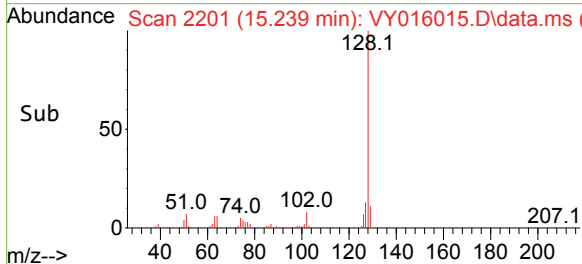
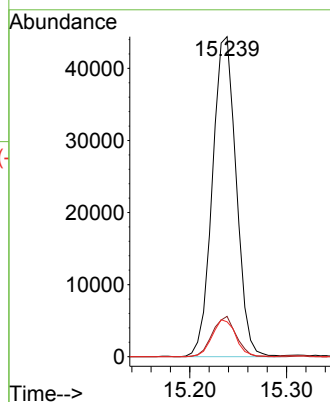
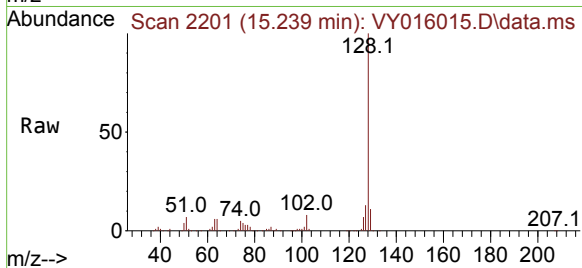
Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	75997
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.8	16.2
129	11.5	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 10.007 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Tgt Ion:	180	Resp:	29683
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.3	141.8
145	32.5	15.4	46.2

