

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015776.D
 Acq On : 02 Oct 2023 14:35
 Operator : SY/MD
 Sample : VY1002SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:21:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	193645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147158	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92591	43.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.920%
35) Dibromofluoromethane	7.716	113	87677	45.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.179	98	303276	46.892	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.477	95	114970	45.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	23697	18.565	ug/l	96
3) Chloromethane	2.113	50	28046	17.416	ug/l	100
4) Vinyl Chloride	2.247	62	33768	18.340	ug/l	95
5) Bromomethane	2.631	94	29366	18.564	ug/l	98
6) Chloroethane	2.784	64	25986	19.042	ug/l	97
7) Trichlorofluoromethane	3.119	101	60330	19.538	ug/l	97
8) Diethyl Ether	3.521	74	25067	19.037	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	38662	19.998	ug/l	95
10) Methyl Iodide	4.082	142	35902	17.659	ug/l	97
11) Tert butyl alcohol	4.942	59	69051	140.282	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	32431	19.037	ug/l	85
13) Acrolein	3.729	56	9543	29.246	ug/l	98
14) Allyl chloride	4.466	41	57936	18.600	ug/l	94
15) Acrylonitrile	5.155	53	85723	88.743	ug/l	97
16) Acetone	3.942	43	100916	88.506	ug/l	92
17) Carbon Disulfide	4.192	76	56295	17.010	ug/l	98
18) Methyl Acetate	4.472	43	70006	18.299	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	132631	19.115	ug/l	98
20) Methylene Chloride	4.704	84	91898	35.388	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	37130	19.068	ug/l	97
22) Diisopropyl ether	6.112	45	144639	19.295	ug/l	93
23) Vinyl Acetate	6.051	43	412434	89.139	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	79221	19.389	ug/l	98
25) 2-Butanone	6.984	43	133414	82.780	ug/l	97
26) 2,2-Dichloropropane	6.978	77	74501	19.950	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	50359	19.480	ug/l	97
28) Bromochloromethane	7.326	49	25113	22.654	ug/l	97
29) Tetrahydrofuran	7.344	42	76484	83.963	ug/l	92
30) Chloroform	7.502	83	86385	19.742	ug/l	95
31) Cyclohexane	7.777	56	54673	18.523	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	71313	19.743	ug/l	98
36) 1,1-Dichloropropene	7.917	75	55414	19.648	ug/l	99
37) Ethyl Acetate	7.070	43	49346	17.541	ug/l	96
38) Carbon Tetrachloride	7.899	117	62616	20.453	ug/l	97
39) Methylcyclohexane	9.179	83	60864	19.511	ug/l	96
40) Benzene	8.155	78	169785	19.741	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	69338	45.776	ug/l #	38
42) 1,2-Dichloroethane	8.234	62	58078	19.717	ug/l	94
43) Isopropyl Acetate	8.271	43	87767	18.264	ug/l	97
44) Trichloroethene	8.935	130	48589	20.227	ug/l	95
45) 1,2-Dichloropropane	9.216	63	47512	19.809	ug/l	100
46) Dibromomethane	9.301	93	29709	19.364	ug/l	96
47) Bromodichloromethane	9.496	83	69690	20.378	ug/l	99
48) Methyl methacrylate	9.289	41	38094	18.060	ug/l	90
49) 1,4-Dioxane	9.295	88	10598	349.649	ug/l #	42
51) 4-Methyl-2-Pentanone	10.069	43	262487	88.128	ug/l	94
52) Toluene	10.240	92	109585	19.763	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	71851	19.592	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	78501	19.886	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	45253	20.127	ug/l	95
56) Ethyl methacrylate	10.508	69	62293	18.800	ug/l	89
57) 1,3-Dichloropropane	10.788	76	73786	19.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	64937	61.698	ug/l	95
59) 2-Hexanone	10.831	43	198430	86.835	ug/l	92
60) Dibromochloromethane	10.983	129	53222	20.278	ug/l	98
61) 1,2-Dibromoethane	11.087	107	41910	19.053	ug/l	99
64) Tetrachloroethene	10.715	164	51830	20.624	ug/l	98
65) Chlorobenzene	11.514	112	127571	19.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	50394	20.291	ug/l	98
67) Ethyl Benzene	11.593	91	220810	19.758	ug/l	97
68) m/p-Xylenes	11.697	106	169773	39.968	ug/l	96
69) o-Xylene	12.026	106	83150	19.963	ug/l	97
70) Styrene	12.044	104	144895	20.323	ug/l	97
71) Bromoform	12.203	173	35430	19.686	ug/l #	100
73) Isopropylbenzene	12.331	105	225431	20.421	ug/l	100
74) N-amyl acetate	12.142	43	77204	18.607	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	57274	18.642	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	75079	31.980	ug/l #	100
77) Bromobenzene	12.605	156	55342	20.423	ug/l	98
78) n-propylbenzene	12.672	91	273162	20.368	ug/l	100
79) 2-Chlorotoluene	12.758	91	155005	20.276	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	187961	20.338	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	19835	19.026	ug/l	93
82) 4-Chlorotoluene	12.855	91	163275	20.459	ug/l	100
83) tert-Butylbenzene	13.075	119	168328	20.796	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	188840	20.422	ug/l	98
85) sec-Butylbenzene	13.251	105	250147	20.650	ug/l	99
86) p-Isopropyltoluene	13.367	119	211915	20.943	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	110885	20.626	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	110851	20.617	ug/l	98
89) n-Butylbenzene	13.696	91	198931	20.762	ug/l	97
90) Hexachloroethane	13.959	117	40153	20.561	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	103277	20.811	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11211	18.373	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	64916	20.779	ug/l	99
94) Hexachlorobutadiene	15.111	225	34759	21.726	ug/l	98
95) Naphthalene	15.233	128	156472	19.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	58909	20.429	ug/l	99

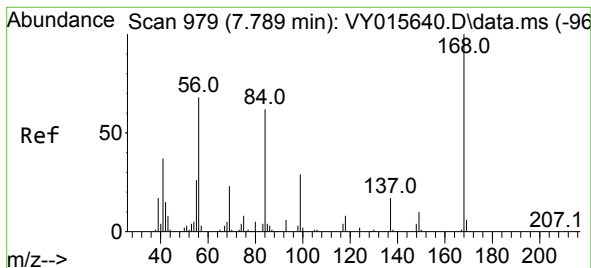
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015776.D

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Instrument :

MSVOA_Y

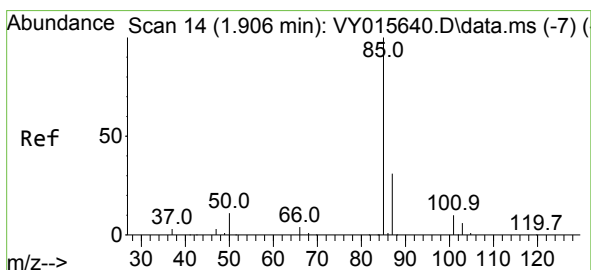
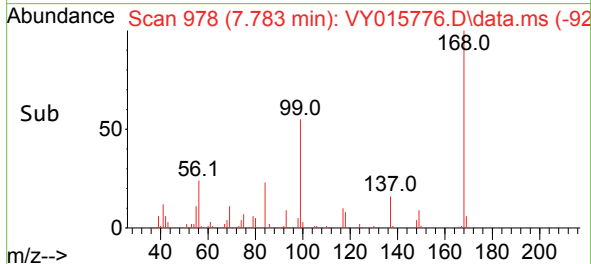
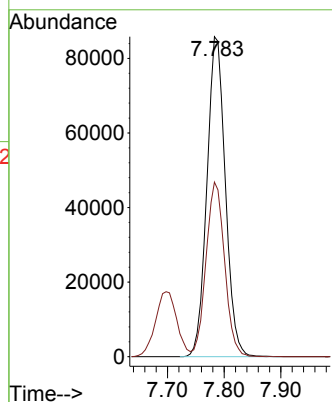
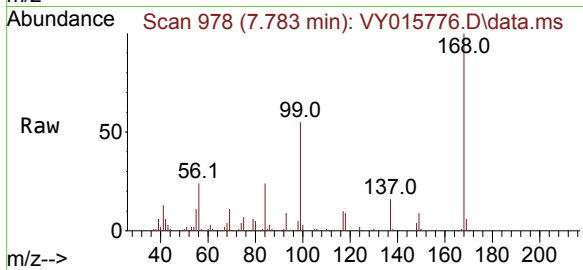
ClientSampleId :

Tgt Ion:168 Resp: 193645

Ion Ratio Lower Upper

168 100

99 54.5 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 18.565 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY015776.D

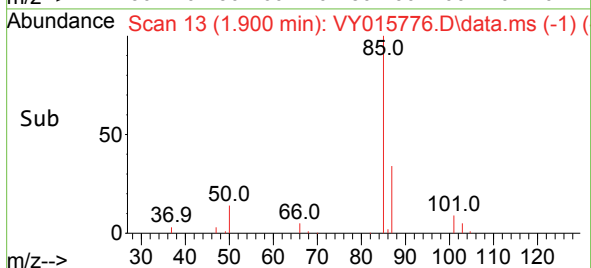
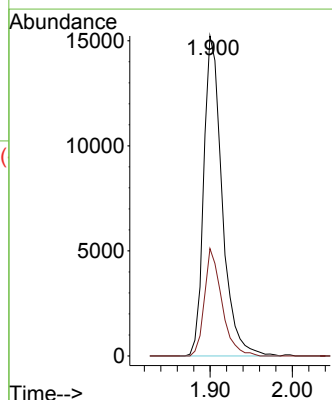
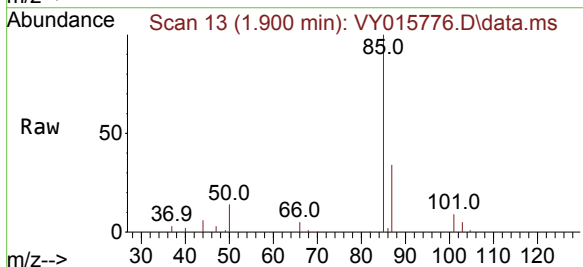
Acq: 02 Oct 2023 14:35

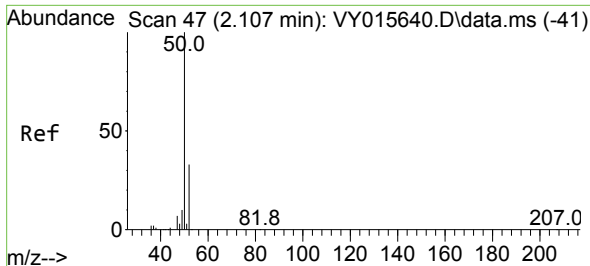
Tgt Ion: 85 Resp: 23697

Ion Ratio Lower Upper

85 100

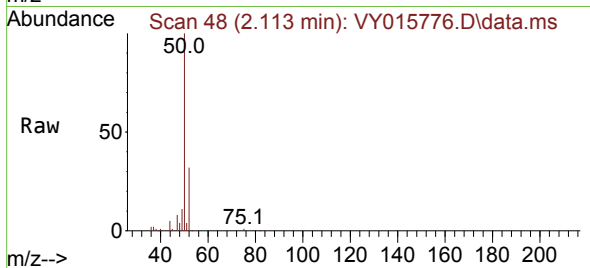
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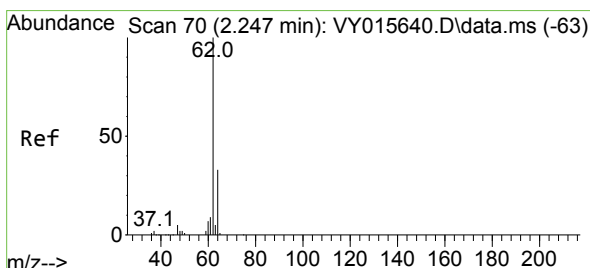
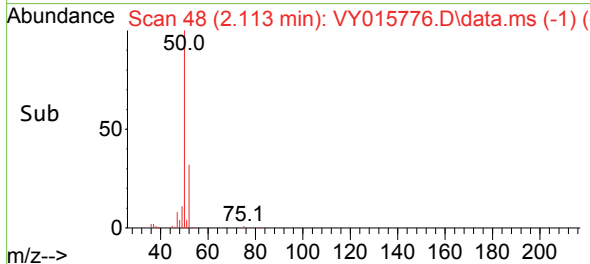
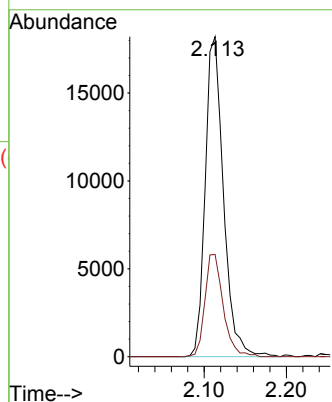


#3
Chloromethane
Concen: 17.416 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Instrument :
MSVOA_Y
ClientSampleId :

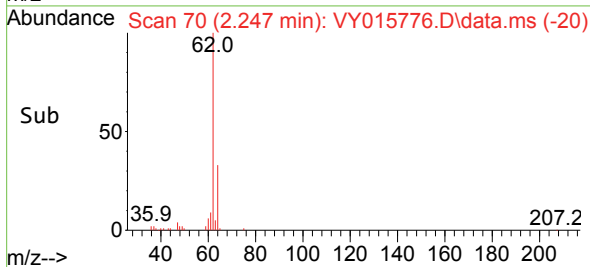
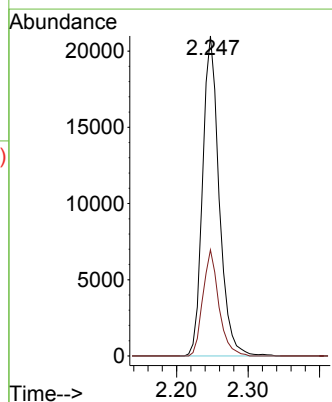
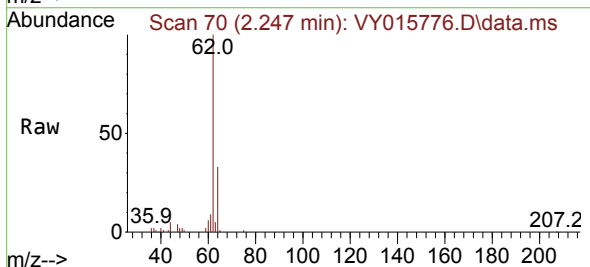


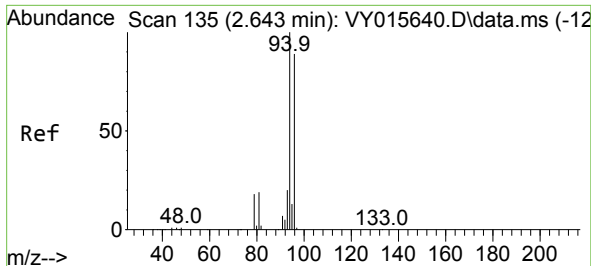
Tgt Ion: 50 Resp: 28046
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 18.340 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 62 Resp: 33768
Ion Ratio Lower Upper
62 100
64 33.2 24.3 36.5

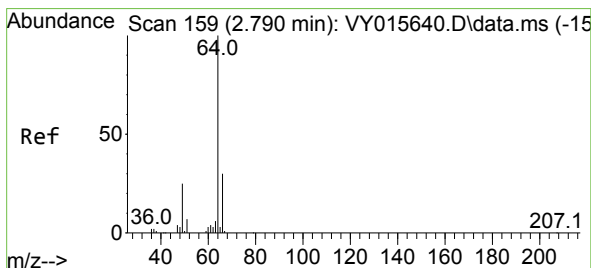
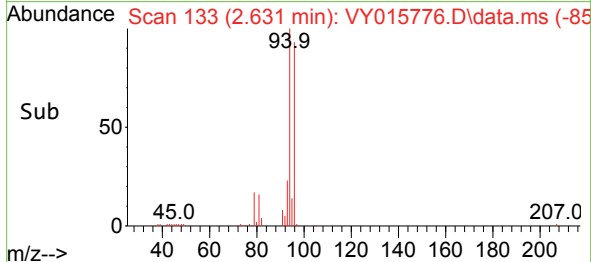
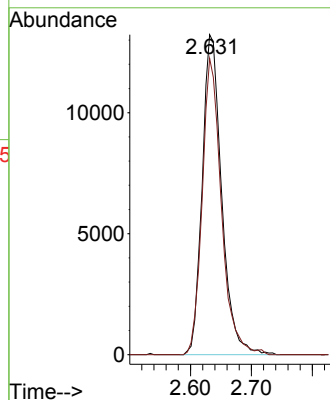
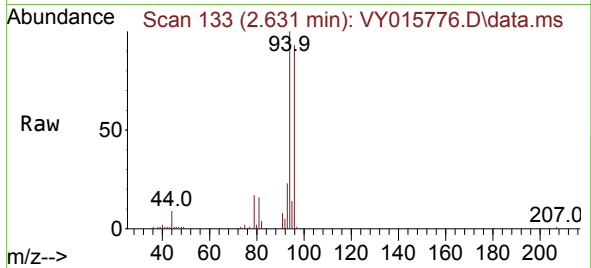




#5
Bromomethane
Concen: 18.564 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

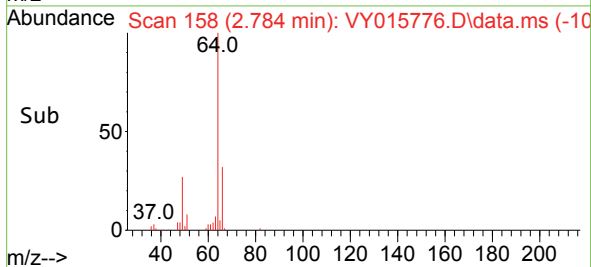
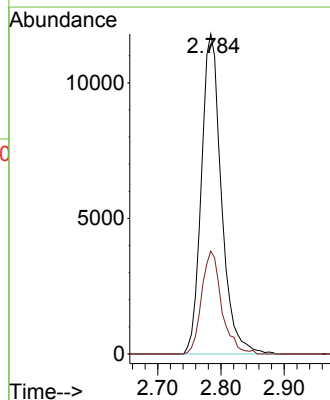
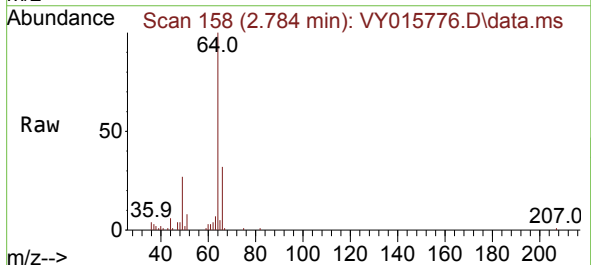
Instrument :
MSVOA_Y
ClientSampleId :

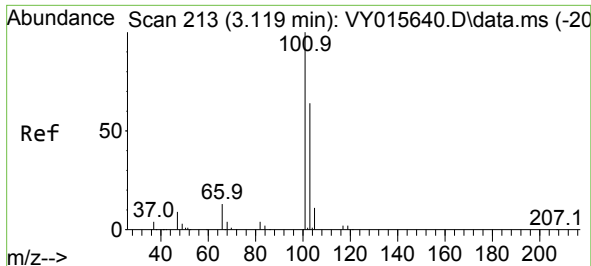
Tgt Ion: 94 Resp: 29366
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.6



#6
Chloroethane
Concen: 19.042 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

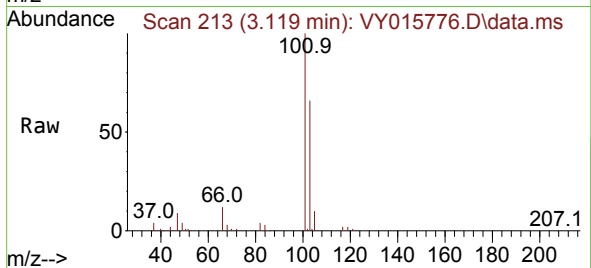
Tgt Ion: 64 Resp: 25986
Ion Ratio Lower Upper
64 100
66 32.2 24.4 36.6



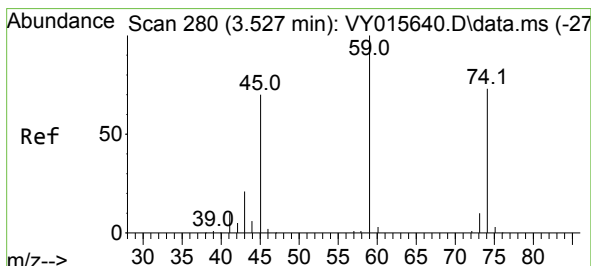
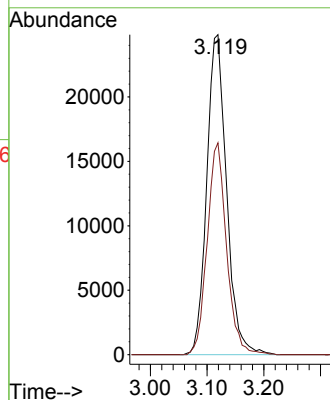
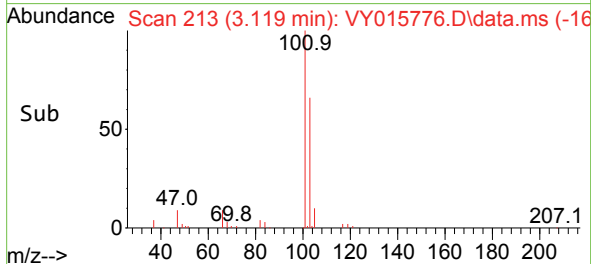


#7
 Trichlorofluoromethane
 Concen: 19.538 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015776.D
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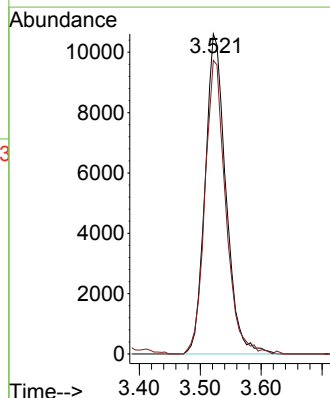
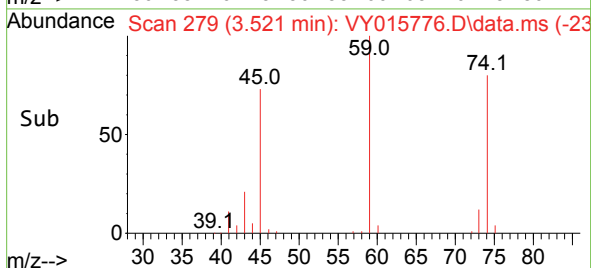
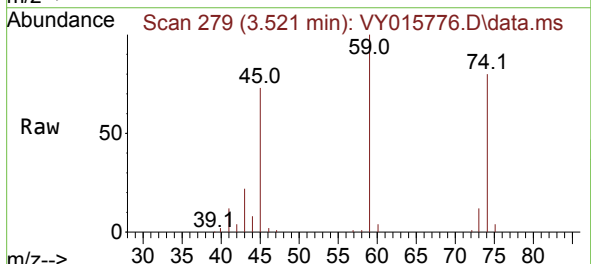


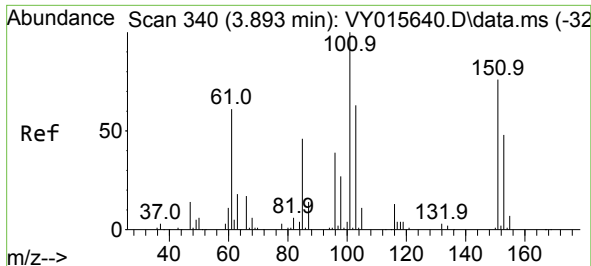
Tgt Ion:101 Resp: 60330
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.037 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35

Tgt Ion: 74 Resp: 25067
 Ion Ratio Lower Upper
 74 100
 45 92.1 51.5 154.5

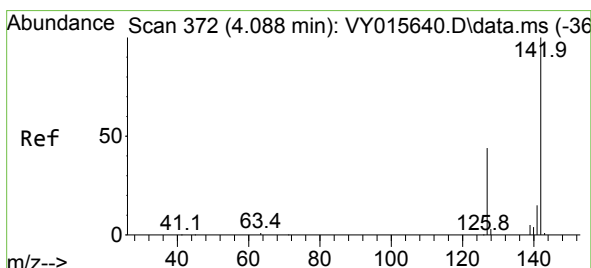
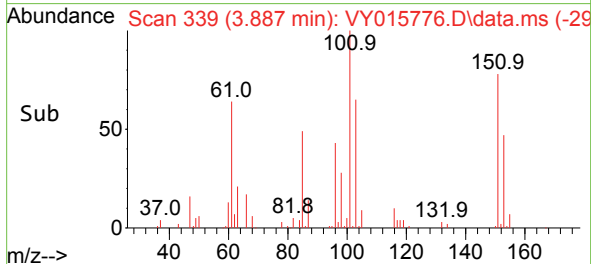
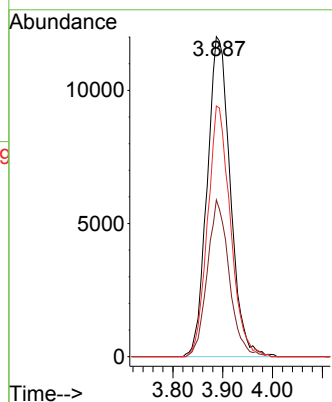
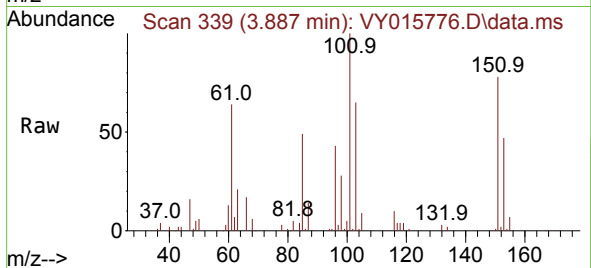




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.998 ug/l
 RT: 3.887 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35

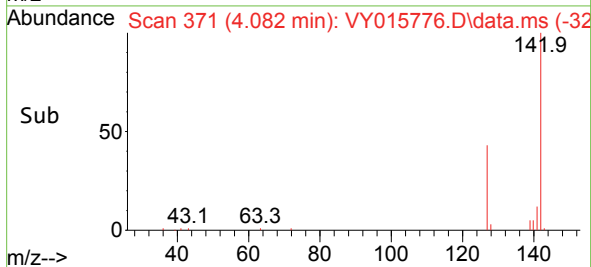
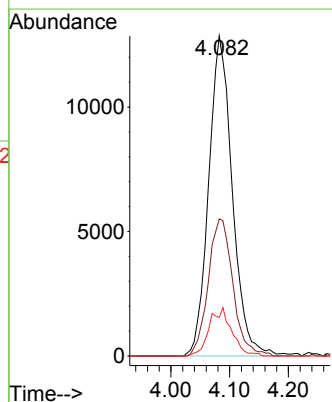
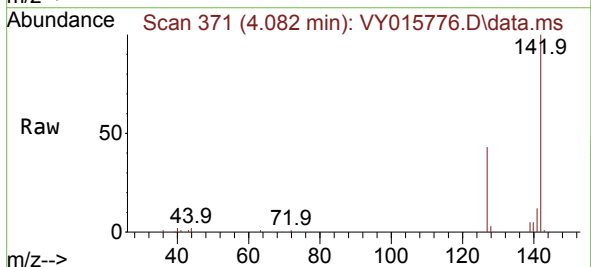
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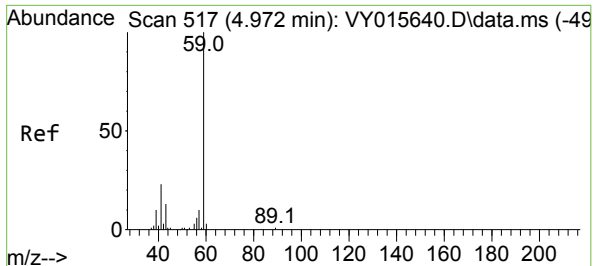
Tgt Ion:101 Resp: 38662
 Ion Ratio Lower Upper
 101 100
 85 46.4 36.6 55.0
 151 77.3 67.0 100.6



#10
 Methyl Iodide
 Concen: 17.659 ug/l
 RT: 4.082 min Scan# 371
 Delta R.T. 0.000 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35

Tgt Ion:142 Resp: 35902
 Ion Ratio Lower Upper
 142 100
 127 44.7 37.6 56.4
 141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 140.282 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

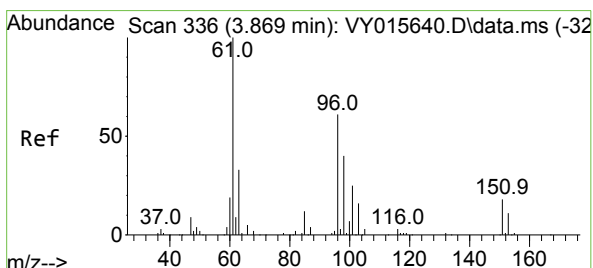
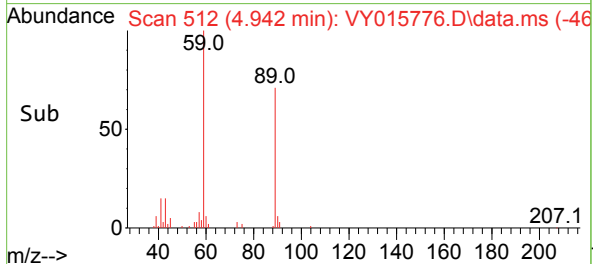
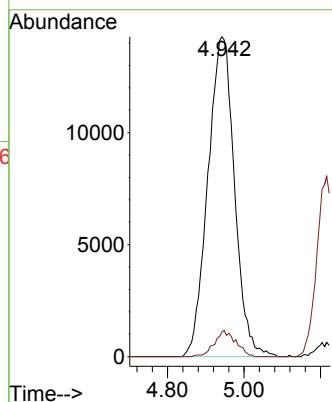
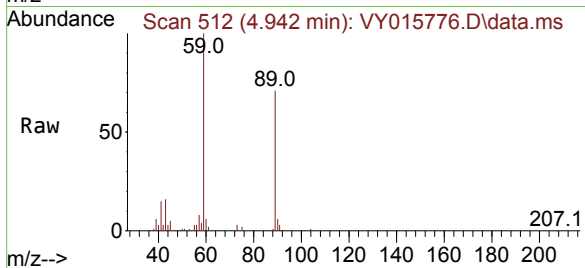
ClientSampleId :

Tgt Ion: 59 Resp: 69051

Ion Ratio Lower Upper

59 100

57 6.6 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 19.037 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

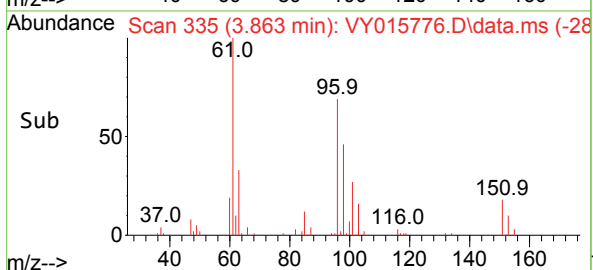
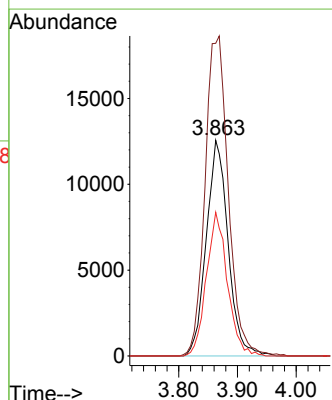
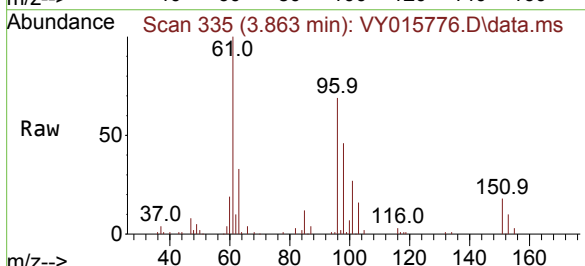
Tgt Ion: 96 Resp: 32431

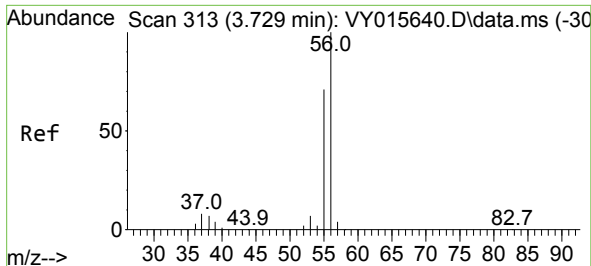
Ion Ratio Lower Upper

96 100

61 144.9 136.4 204.6

98 66.6 49.4 74.2





#13

Acrolein

Concen: 29.246 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.006 min

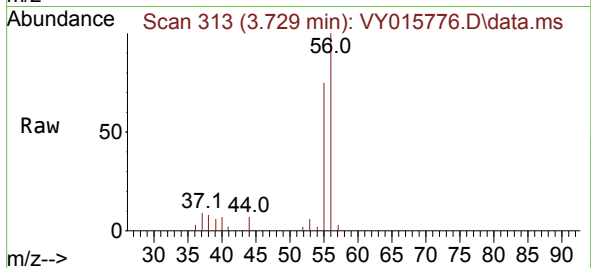
Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

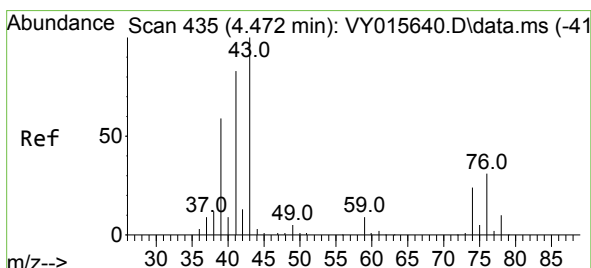
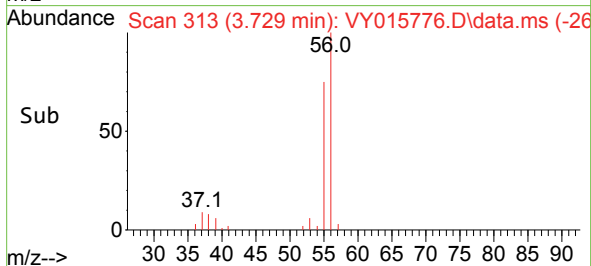
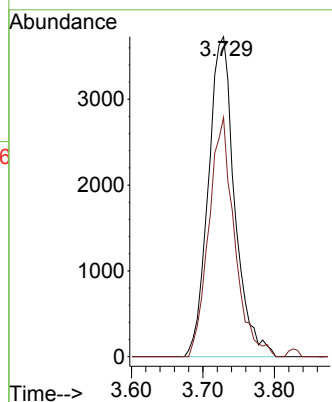


Tgt Ion: 56 Resp: 9543

Ion Ratio Lower Upper

56 100

55 72.6 57.0 85.4



#14

Allyl chloride

Concen: 18.600 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

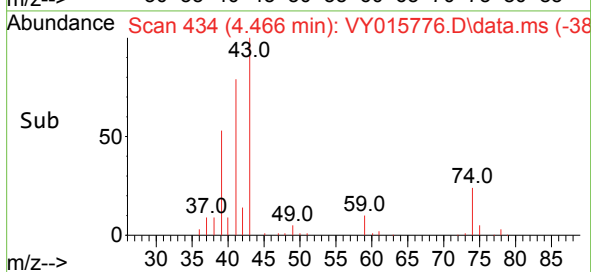
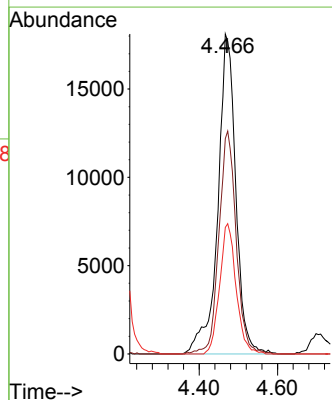
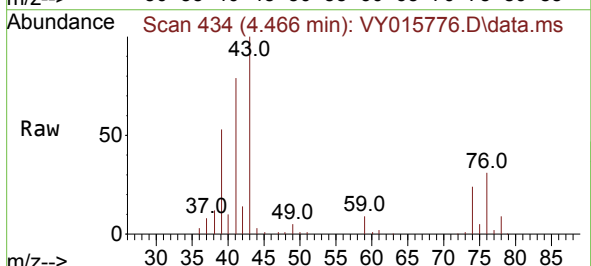
Tgt Ion: 41 Resp: 57936

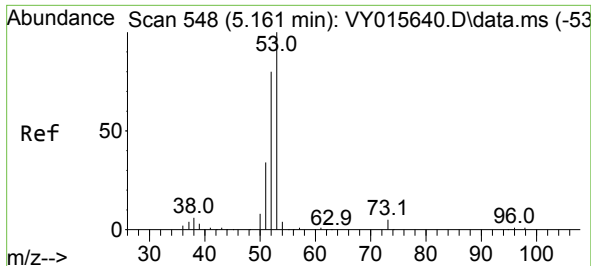
Ion Ratio Lower Upper

41 100

39 66.9 58.0 87.0

76 37.2 27.4 41.2

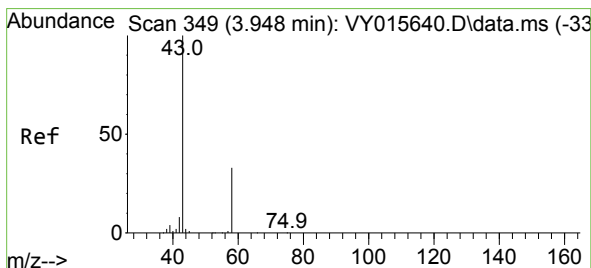
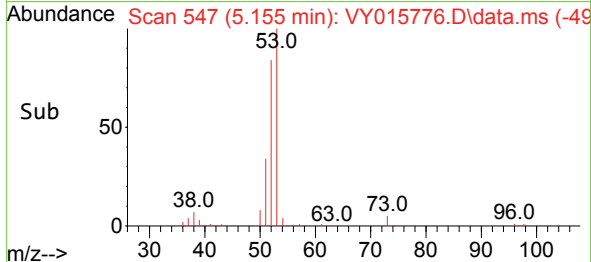
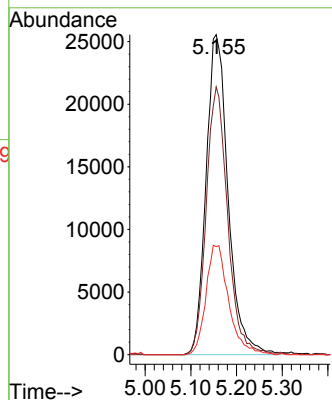
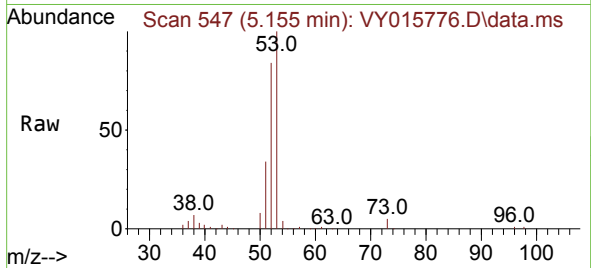




#15
Acrylonitrile
Concen: 88.743 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

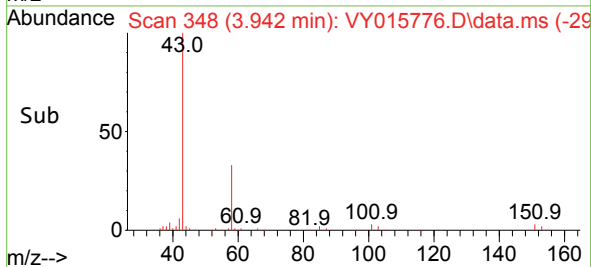
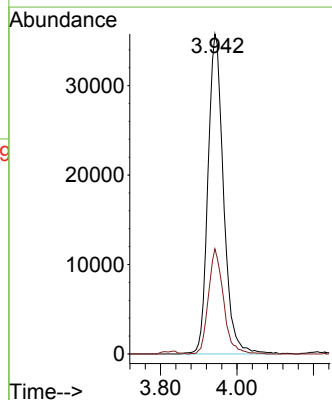
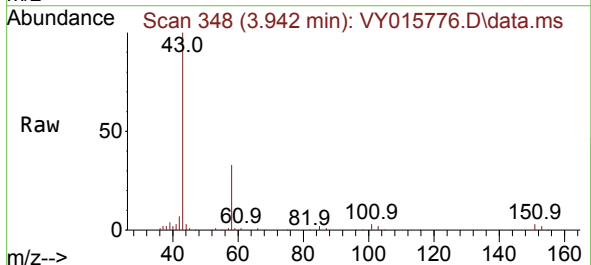
Instrument :
MSVOA_Y
ClientSampleId :

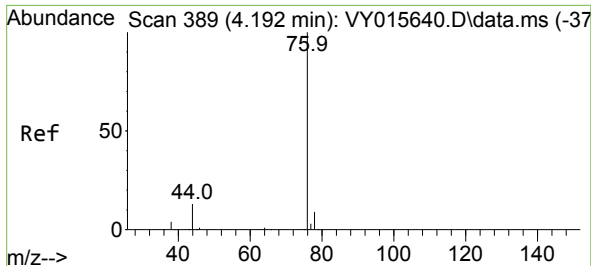
Tgt Ion: 53 Resp: 85723
Ion Ratio Lower Upper
53 100
52 81.2 66.9 100.3
51 35.3 29.8 44.6



#16
Acetone
Concen: 88.506 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 43 Resp: 100916
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1

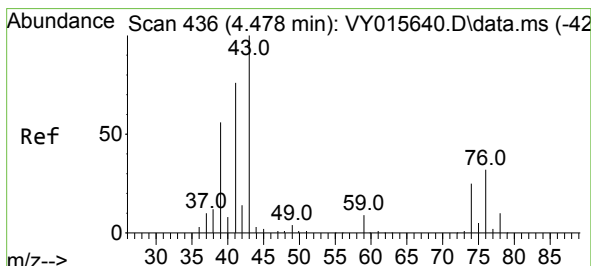
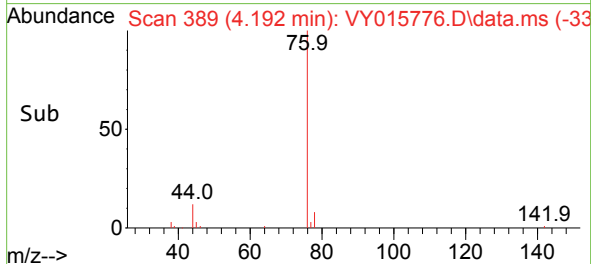
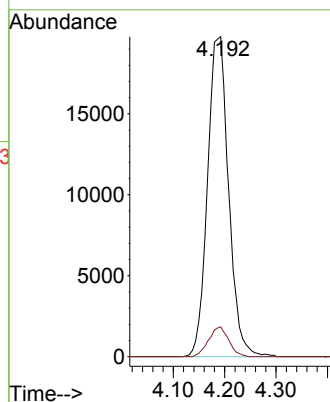
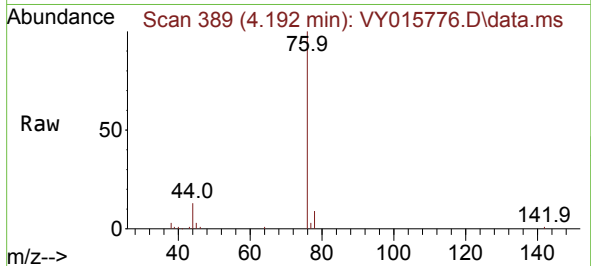




#17
Carbon Disulfide
Concen: 17.010 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

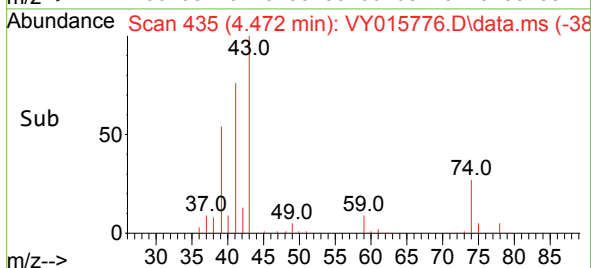
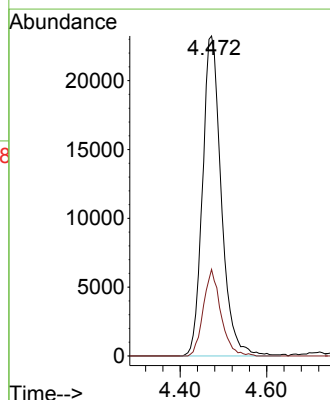
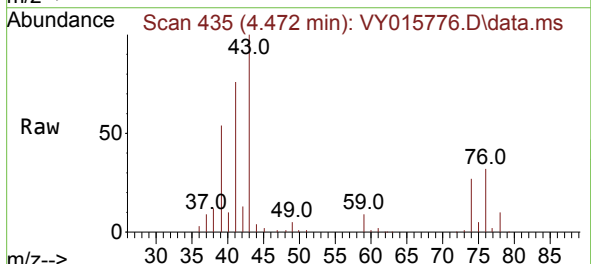
Instrument :
MSVOA_Y
ClientSampleId :

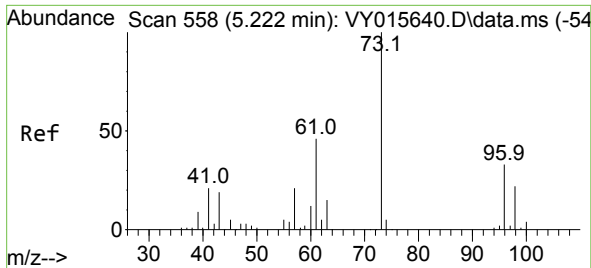
Tgt Ion: 76 Resp: 56295
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 18.299 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 43 Resp: 70006
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0

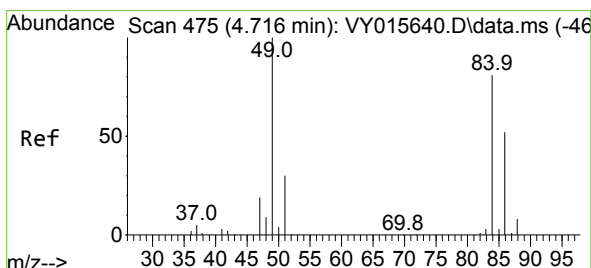
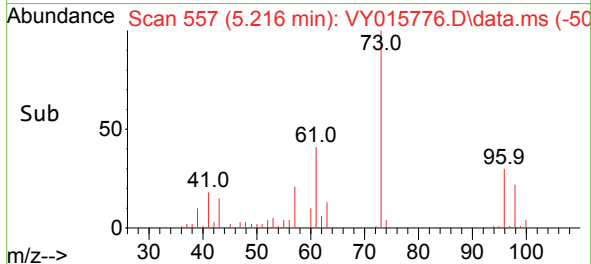
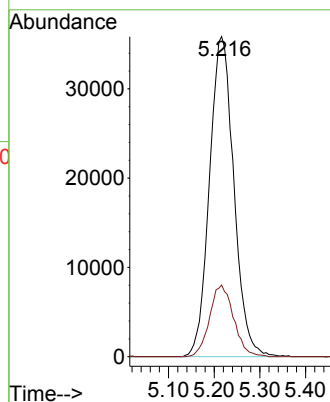
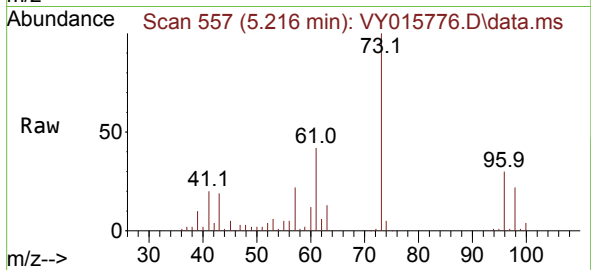




#19
Methyl tert-butyl Ether
Concen: 19.115 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

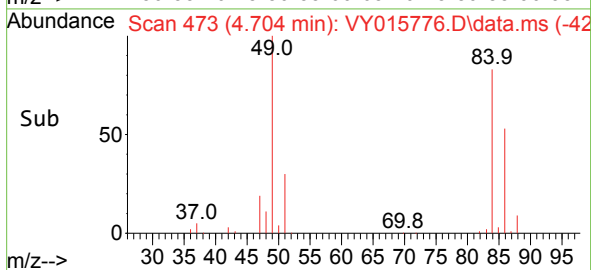
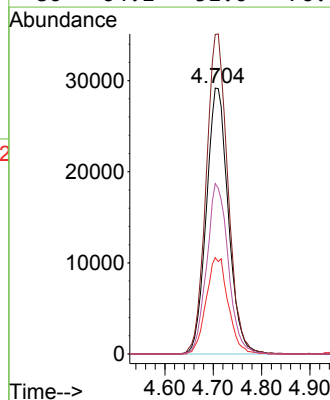
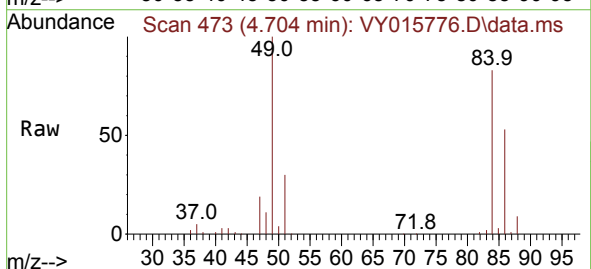
Instrument :
MSVOA_Y
ClientSampleId :

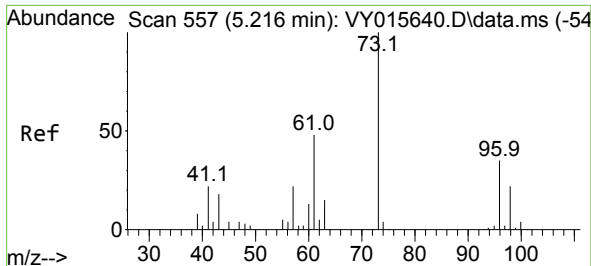
Tgt Ion: 73 Resp: 132631
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 35.388 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 84 Resp: 91898
Ion Ratio Lower Upper
84 100
49 120.1 106.9 160.3
51 36.2 33.2 49.8
86 64.1 51.0 76.6

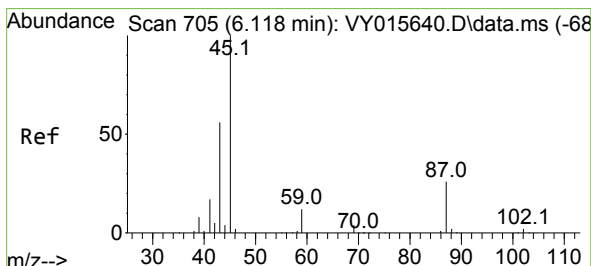
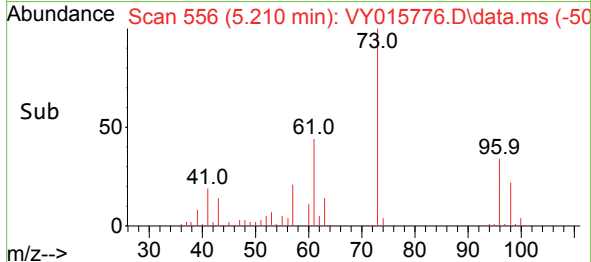
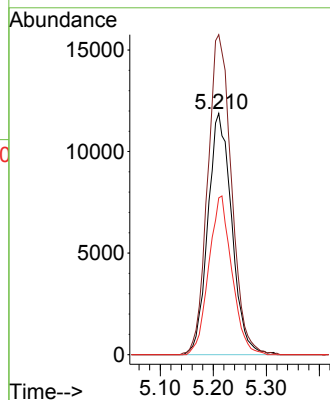
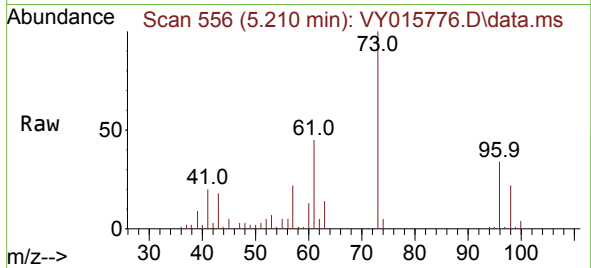




#21
trans-1,2-Dichloroethene
Concen: 19.068 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

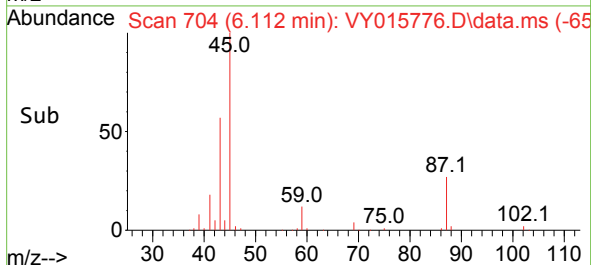
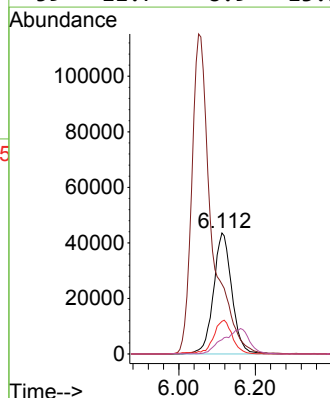
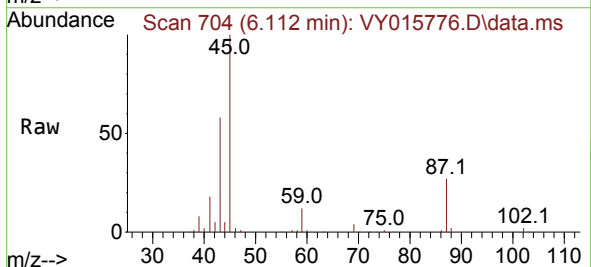
Instrument :
MSVOA_Y
ClientSampleId :

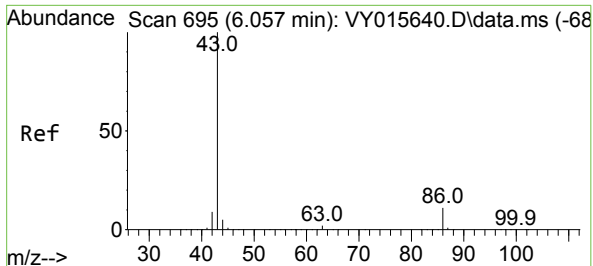
Tgt Ion: 96 Resp: 37130
Ion Ratio Lower Upper
96 100
61 132.7 110.2 165.4
98 65.0 51.8 77.6



#22
Diisopropyl ether
Concen: 19.295 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 45 Resp: 144639
Ion Ratio Lower Upper
45 100
43 57.2 52.2 78.4
87 26.9 21.0 31.6
59 11.7 8.9 13.3





#23

Vinyl Acetate

Concen: 89.139 ug/l

RT: 6.051 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

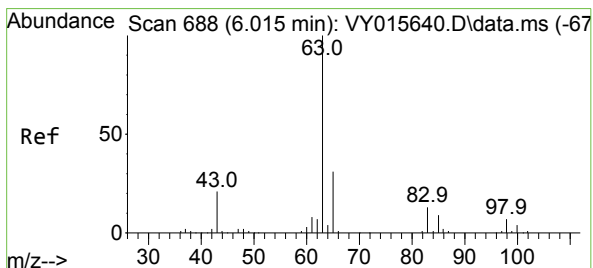
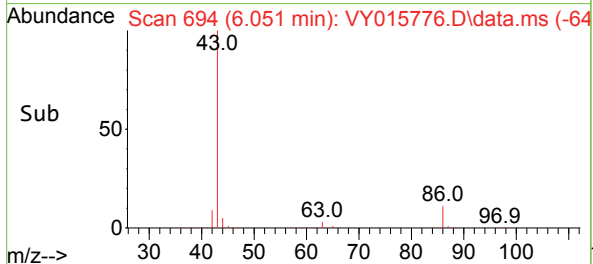
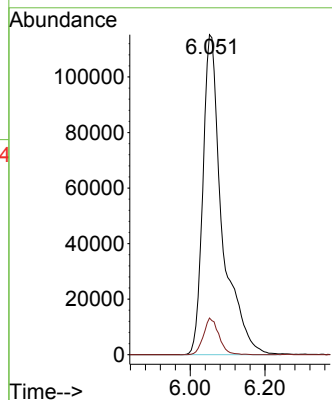
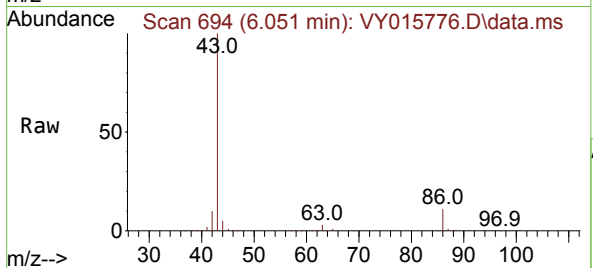
ClientSampleId :

Tgt Ion: 43 Resp: 412434

Ion Ratio Lower Upper

43 100

86 11.4 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 19.389 ug/l

RT: 6.009 min Scan# 687

Delta R.T. 0.006 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

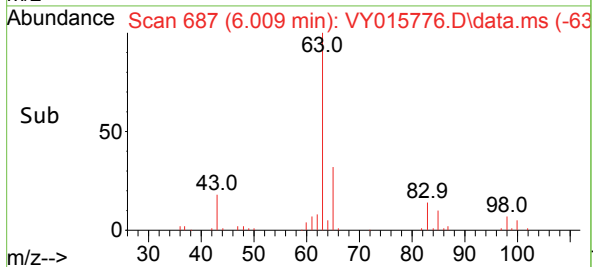
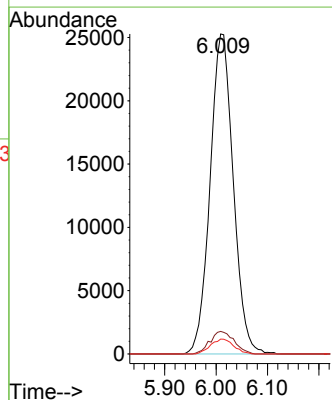
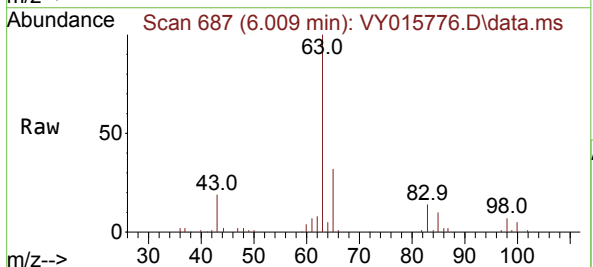
Tgt Ion: 63 Resp: 79221

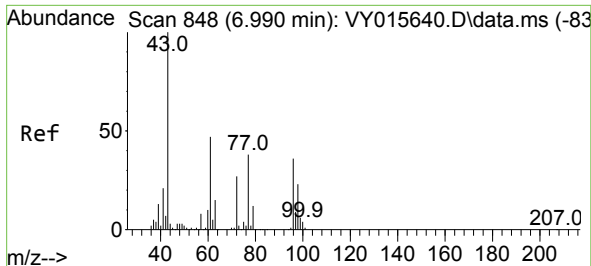
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

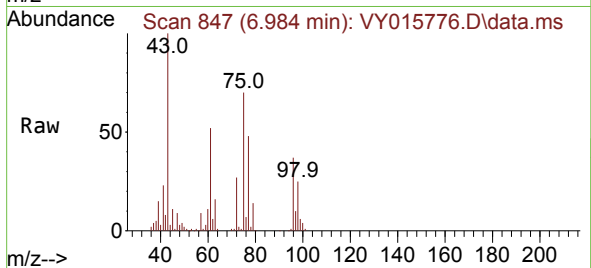
100 4.6 1.8 5.5



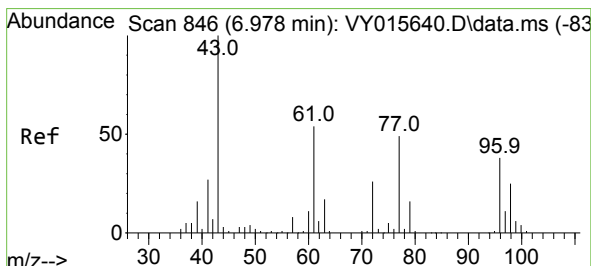
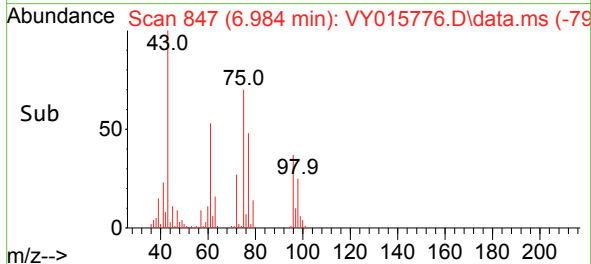
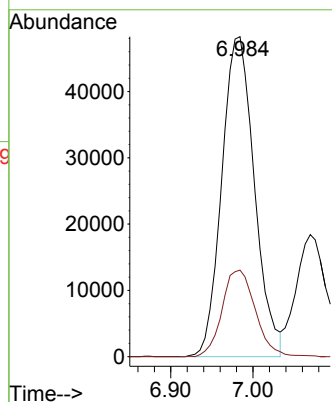


#25
2-Butanone
Concen: 82.780 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Instrument :
MSVOA_Y
ClientSampleId :

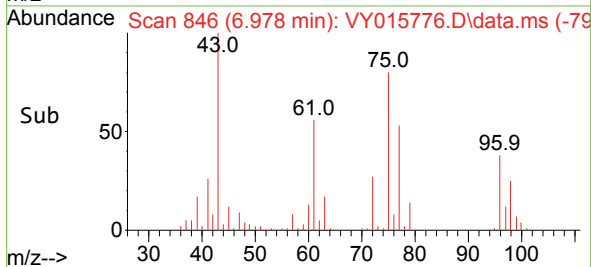
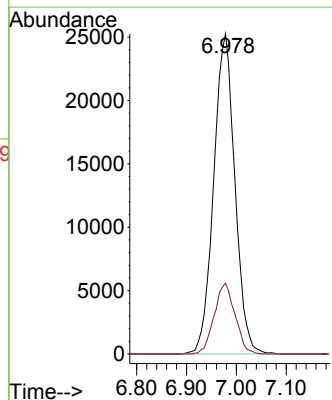
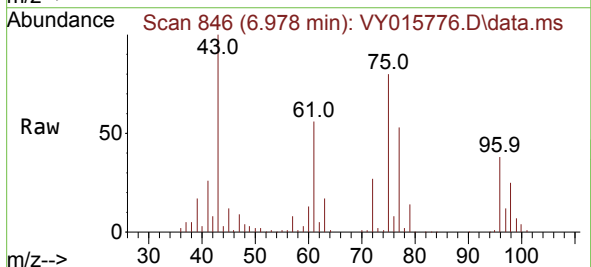


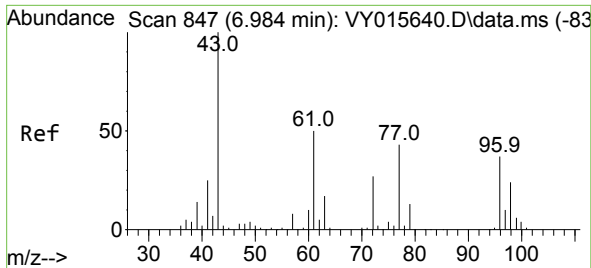
Tgt Ion: 43 Resp: 133414
Ion Ratio Lower Upper
43 100
72 27.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.950 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

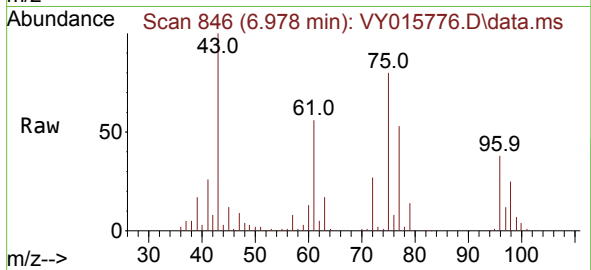
Tgt Ion: 77 Resp: 74501
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9





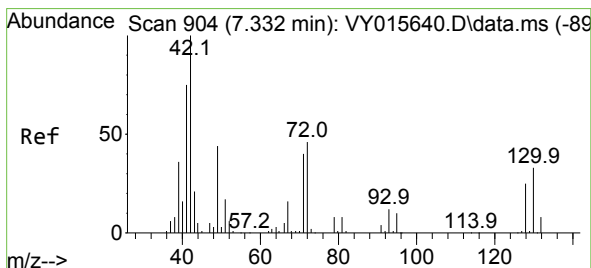
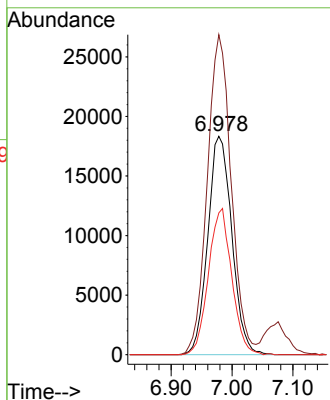
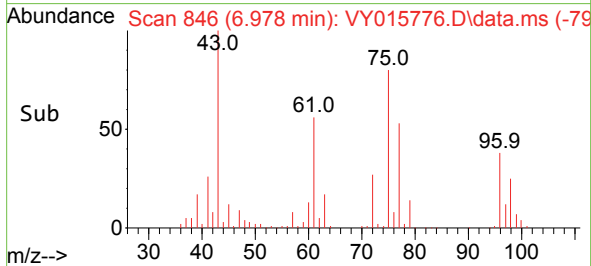
#27
 cis-1,2-Dichloroethene
 Concen: 19.480 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35

Instrument :
 MSVOA_Y
 ClientSampleId :

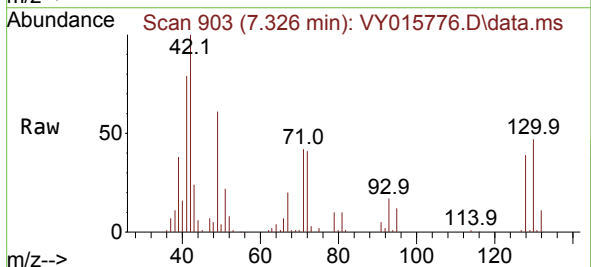


Tgt Ion: 96 Resp: 50359

Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	301.4
98	64.9	0.0	130.4

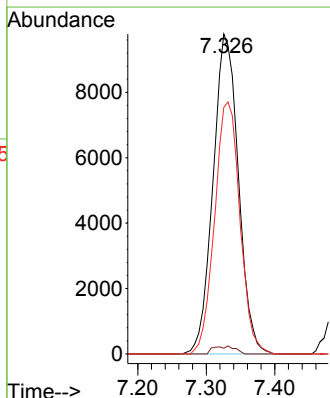
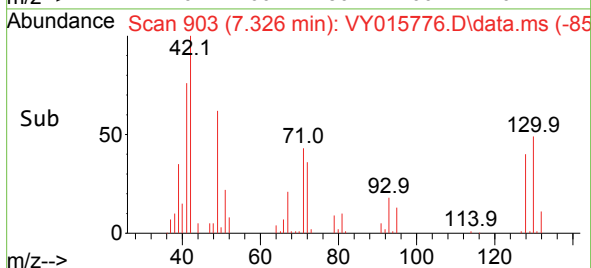


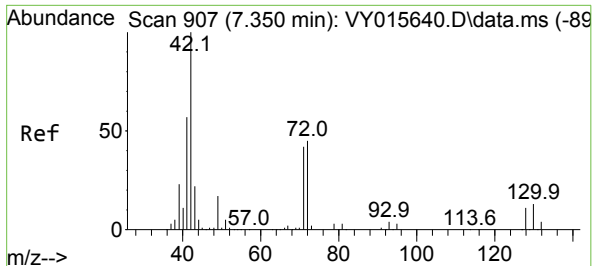
#28
 Bromochloromethane
 Concen: 22.654 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35



Tgt Ion: 49 Resp: 25113

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	78.5	60.7	91.1





#29

Tetrahydrofuran

Concen: 83.963 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

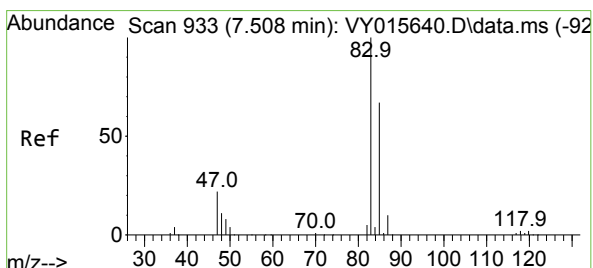
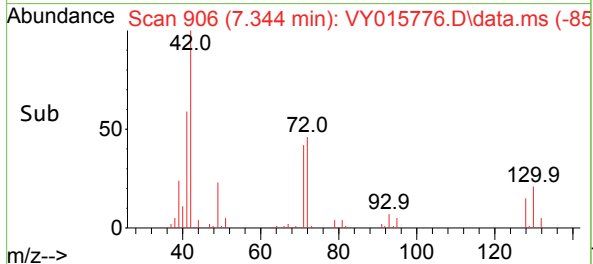
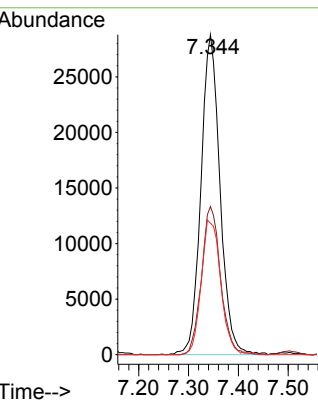
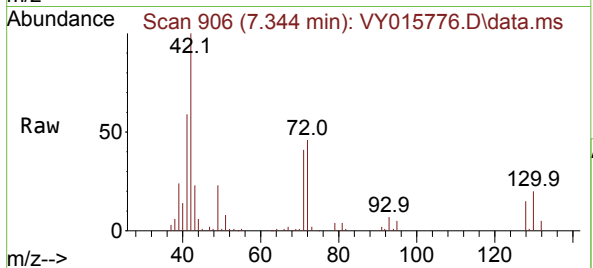
Tgt Ion: 42 Resp: 76484

Ion Ratio Lower Upper

42 100

72 46.3 32.8 49.2

71 43.1 31.0 46.4



#30

Chloroform

Concen: 19.742 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015776.D

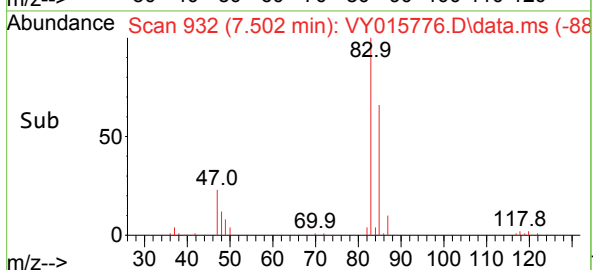
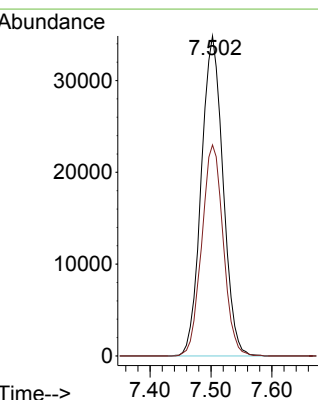
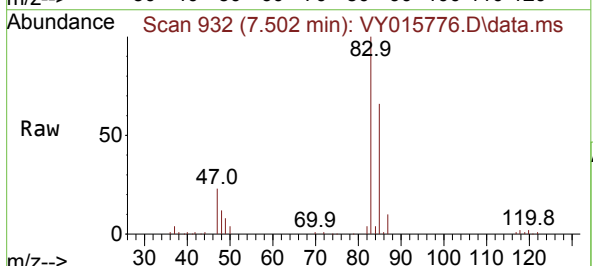
Acq: 02 Oct 2023 14:35

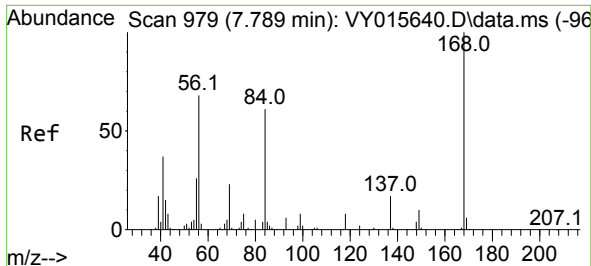
Tgt Ion: 83 Resp: 86385

Ion Ratio Lower Upper

83 100

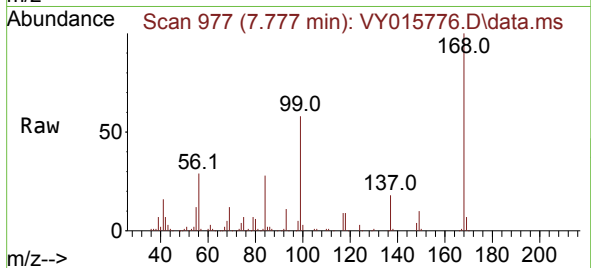
85 65.9 49.7 74.5



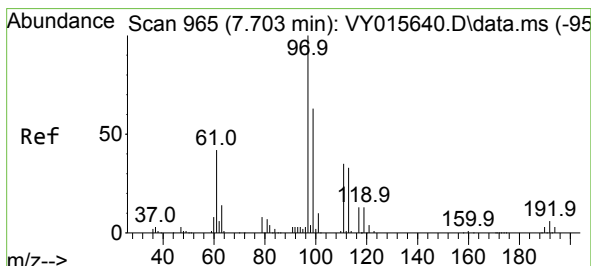
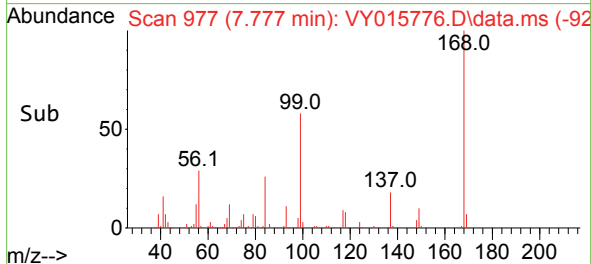
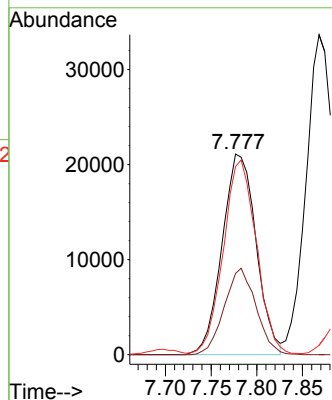


#31
Cyclohexane
Concen: 18.523 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Instrument :
MSVOA_Y
ClientSampleId :

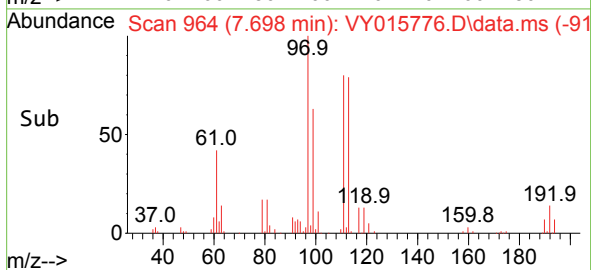
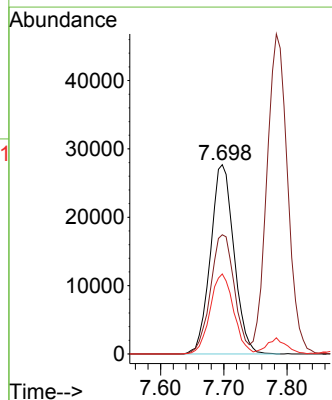
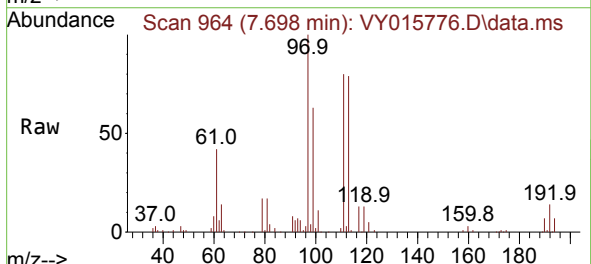


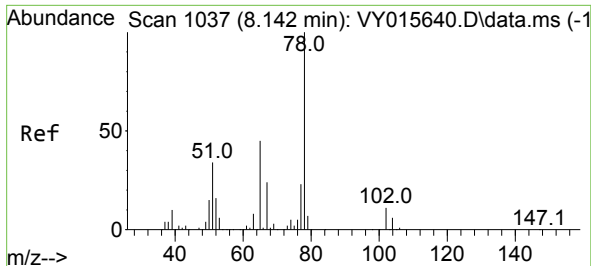
Tgt Ion: 56 Resp: 54673
Ion Ratio Lower Upper
56 100
69 40.5 27.8 41.6
84 92.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.743 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.007 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 97 Resp: 71313
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 42.4 35.1 52.7

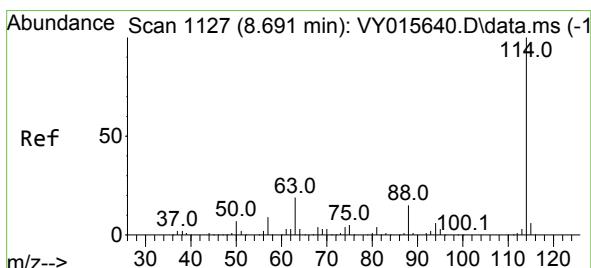
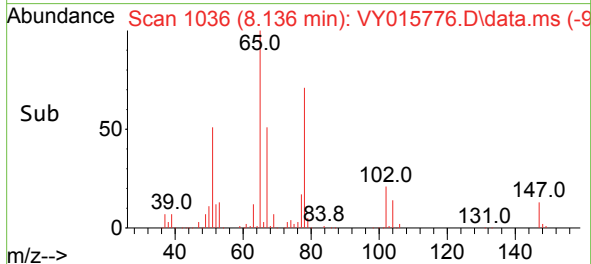
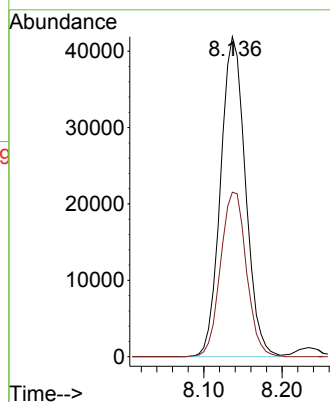
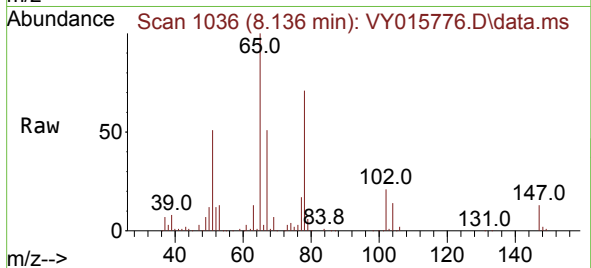




#33
 1,2-Dichloroethane-d4
 Concen: 43.457 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35

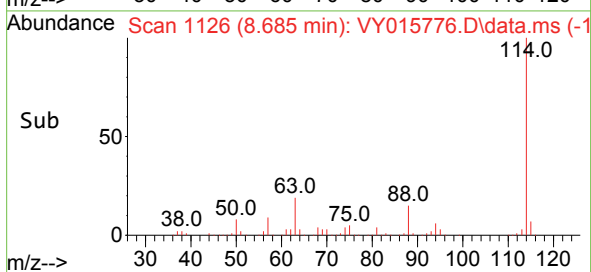
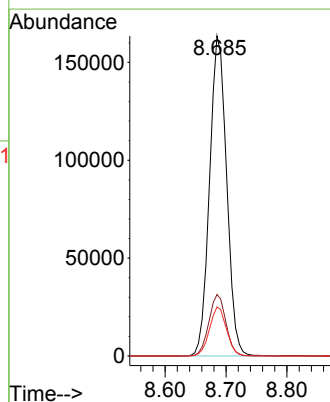
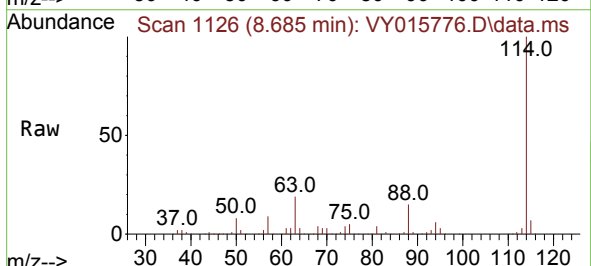
Instrument :
 MSVOA_Y
 ClientSampleId :

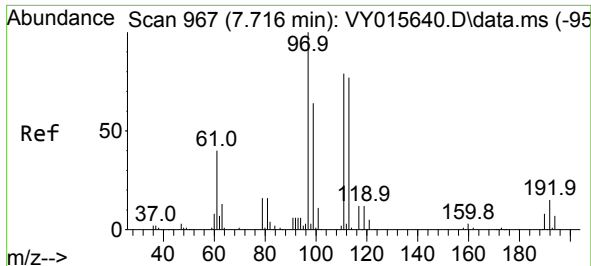
Tgt Ion: 65 Resp: 92591
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35

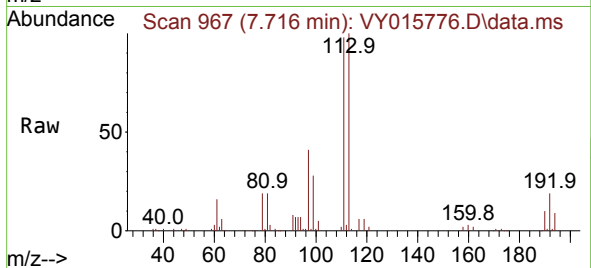
Tgt Ion: 114 Resp: 318690
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 15.3 0.0 30.6



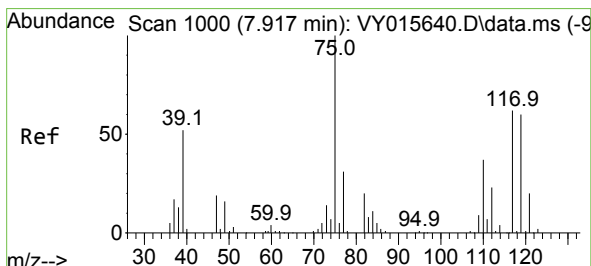
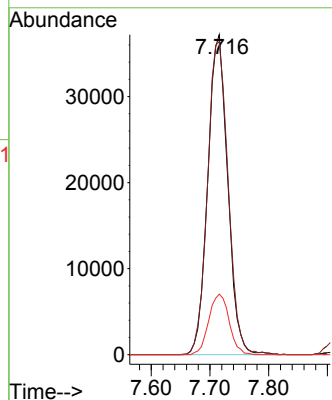
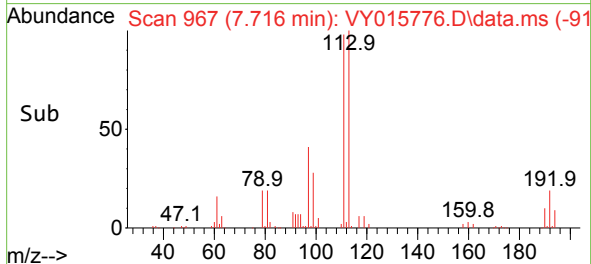


#35
Dibromofluoromethane
Concen: 45.965 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

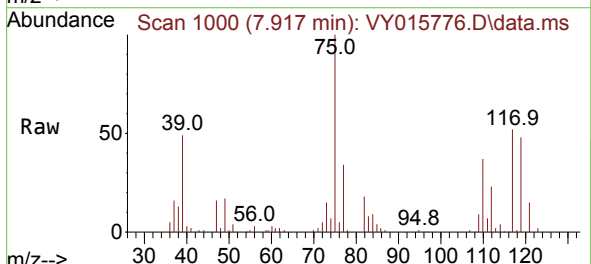
Instrument :
MSVOA_Y
ClientSampleId :



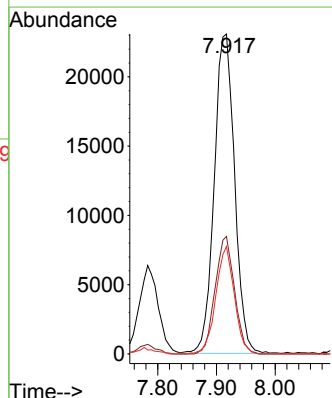
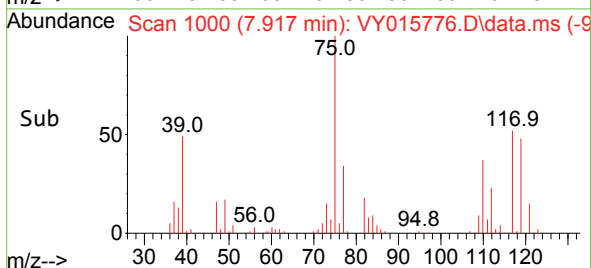
Tgt Ion:113 Resp: 87677
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.3 16.9 25.3

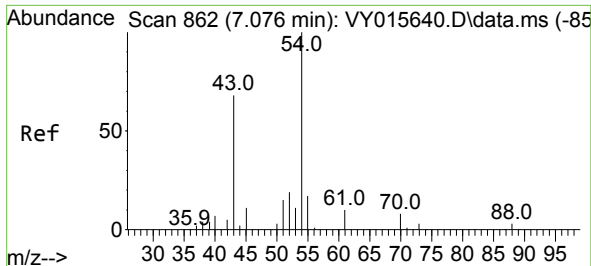


#36
1,1-Dichloropropene
Concen: 19.648 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35



Tgt Ion: 75 Resp: 55414
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 17.541 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.007 min

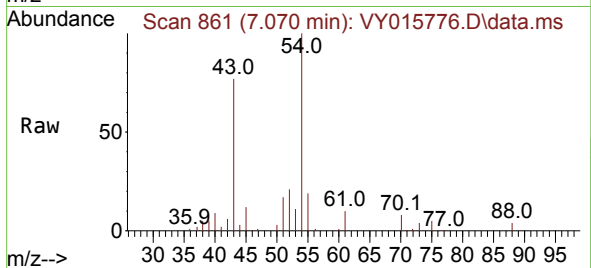
Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

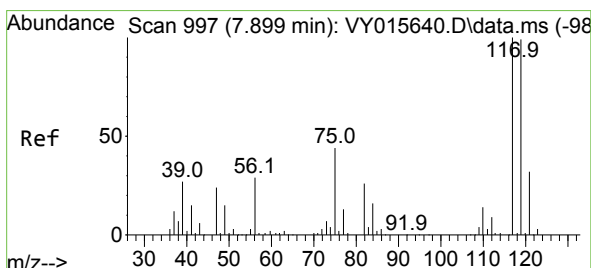
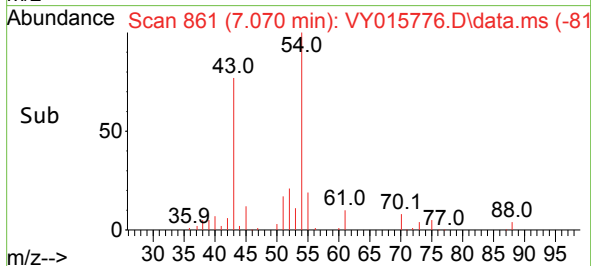
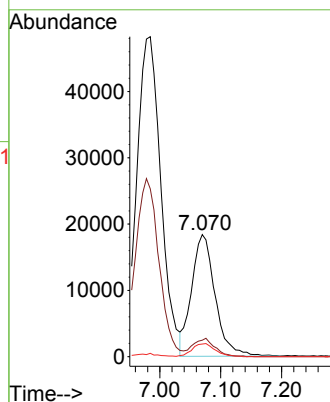
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 49346
Ion Ratio	Lower Upper
43	100
61	14.3 10.1 15.1
70	10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.453 ug/l

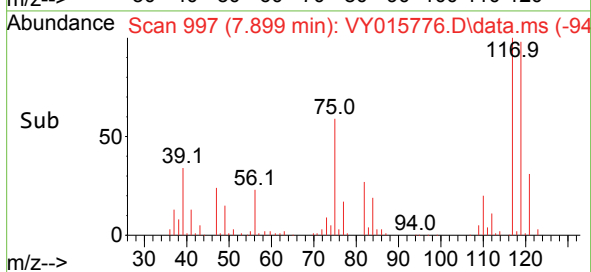
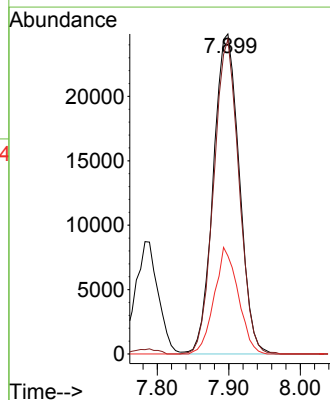
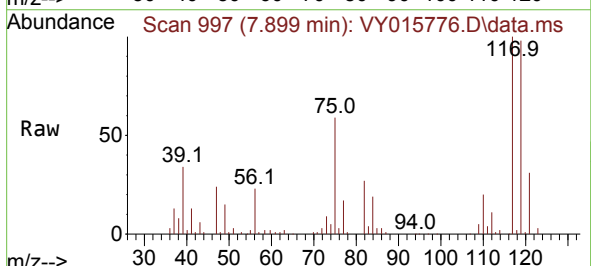
RT: 7.899 min Scan# 997

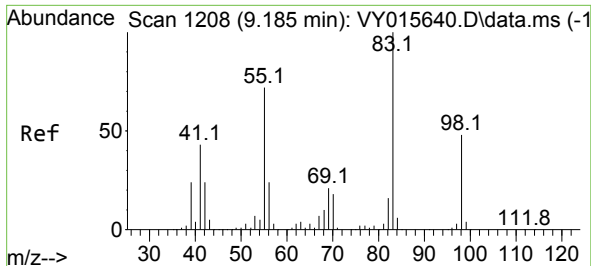
Delta R.T. 0.006 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Tgt Ion: 117	Resp: 62616
Ion Ratio	Lower Upper
117	100
119	98.3 76.4 114.6
121	30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 19.511 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

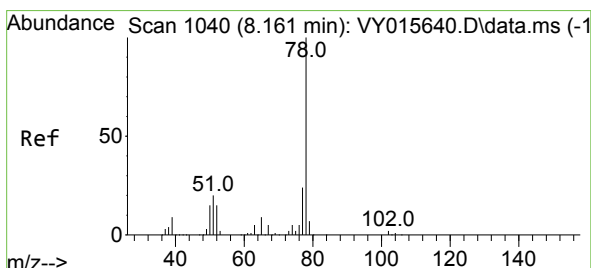
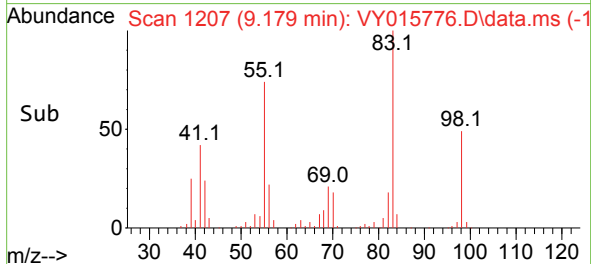
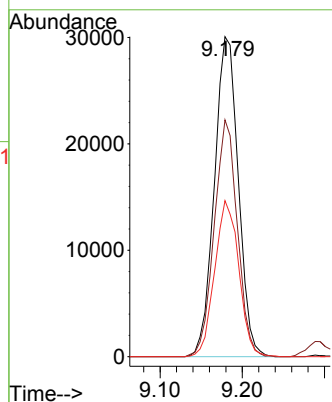
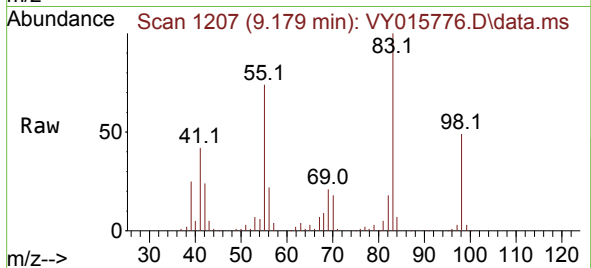
Tgt Ion: 83 Resp: 60864

Ion Ratio Lower Upper

83 100

55 74.0 63.0 94.4

98 48.8 37.4 56.2



#40

Benzene

Concen: 19.741 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015776.D

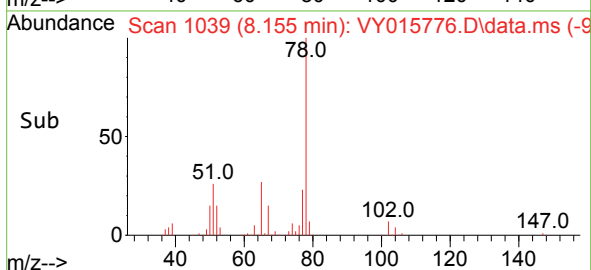
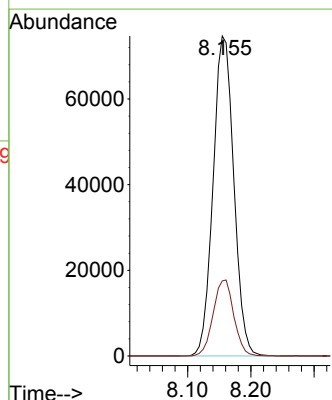
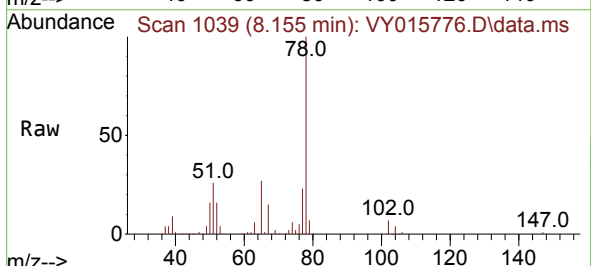
Acq: 02 Oct 2023 14:35

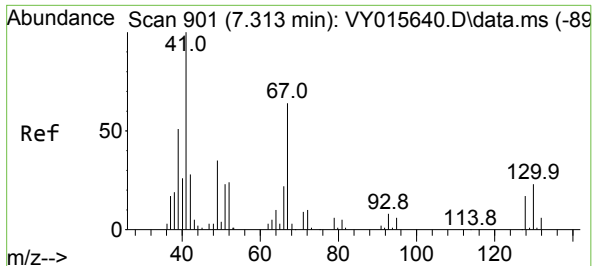
Tgt Ion: 78 Resp: 169785

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

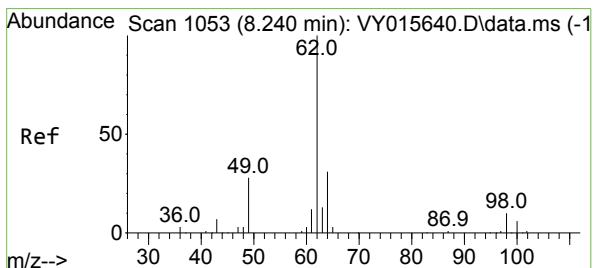
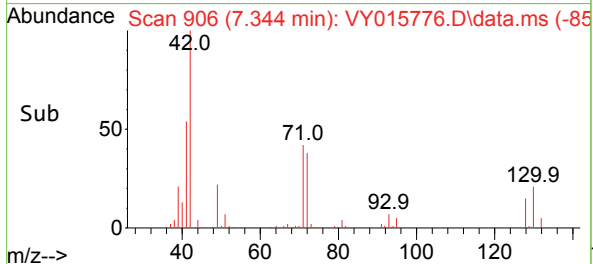
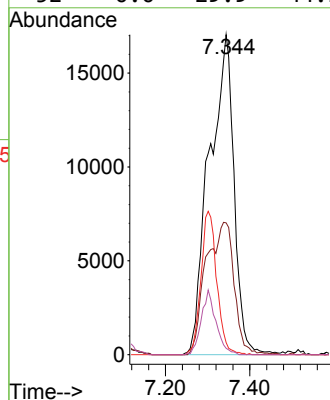
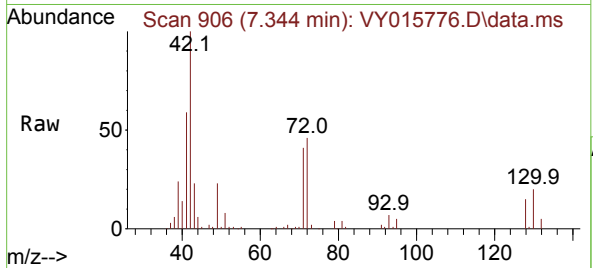




#41
Methacrylonitrile
Concen: 45.776 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

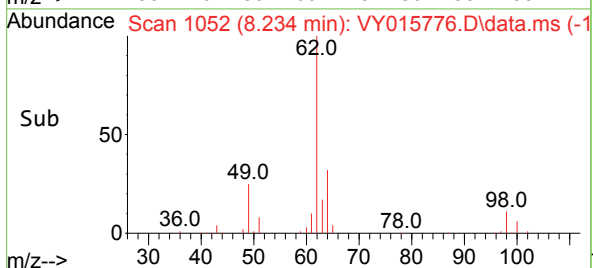
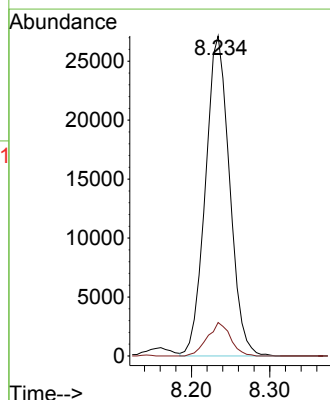
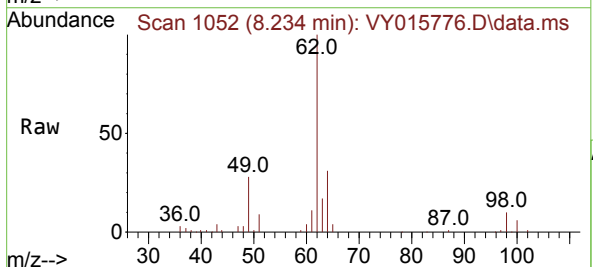
Instrument :
MSVOA_Y
ClientSampleId :

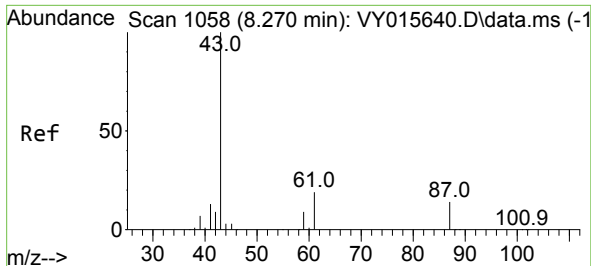
Tgt Ion: 41 Resp: 69338
Ion Ratio Lower Upper
41 100
39 47.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 19.717 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

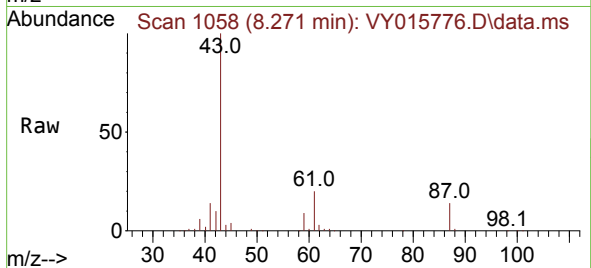
Tgt Ion: 62 Resp: 58078
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8



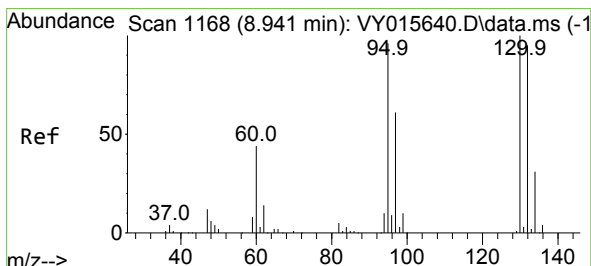
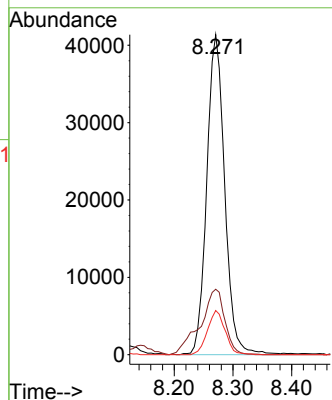
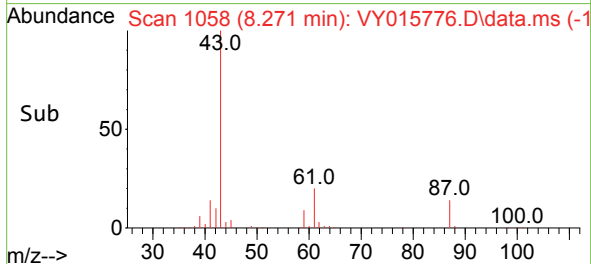


#43
Isopropyl Acetate
Concen: 18.264 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Instrument :
MSVOA_Y
ClientSampleId :

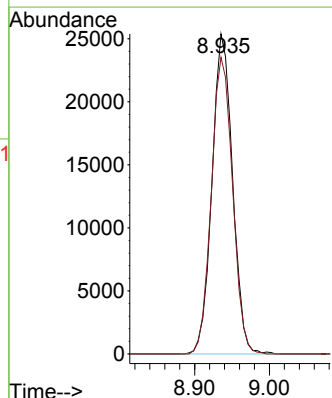
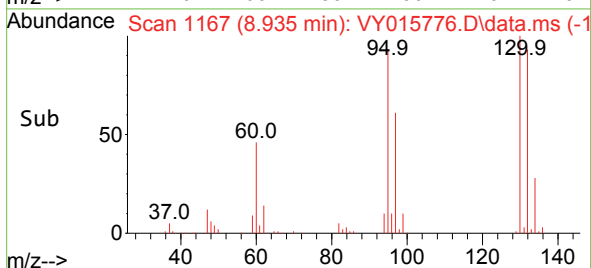
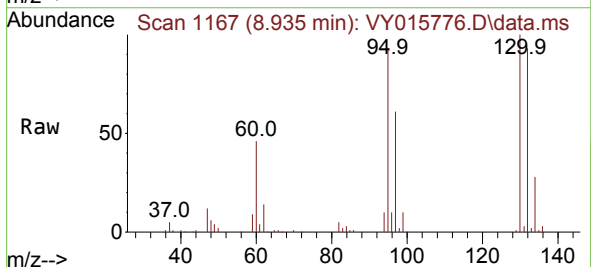


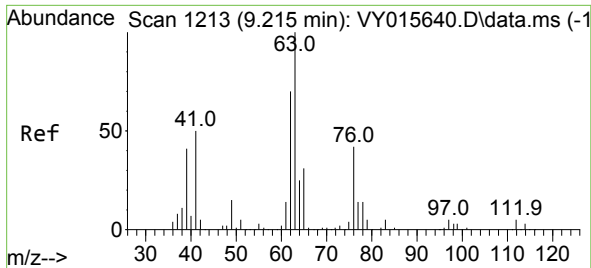
Tgt Ion: 43 Resp: 87767
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 20.227 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion:130 Resp: 48589
Ion Ratio Lower Upper
130 100
95 92.7 0.0 196.0

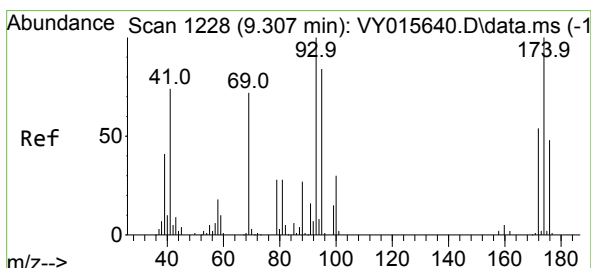
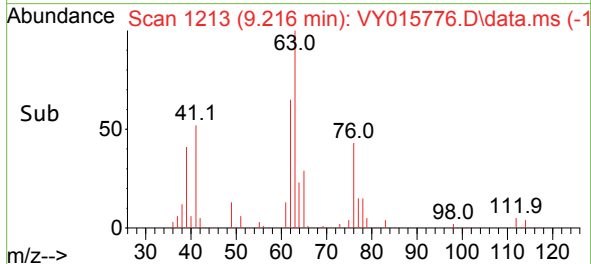
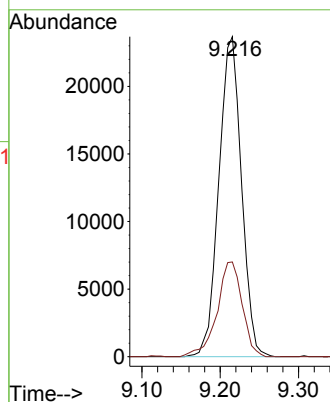
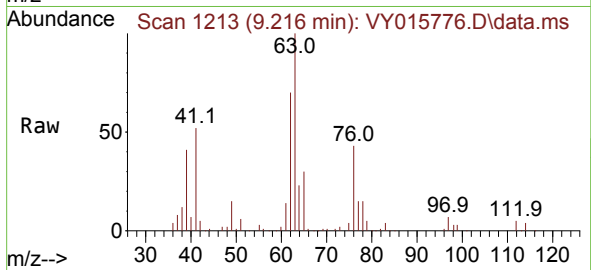




#45
1,2-Dichloropropane
Concen: 19.809 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

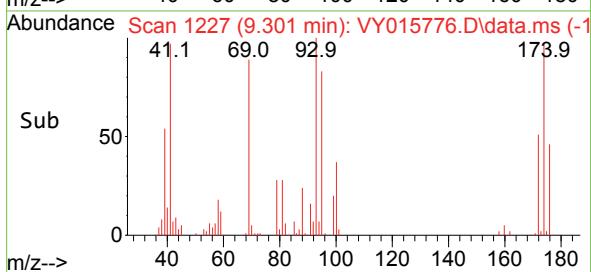
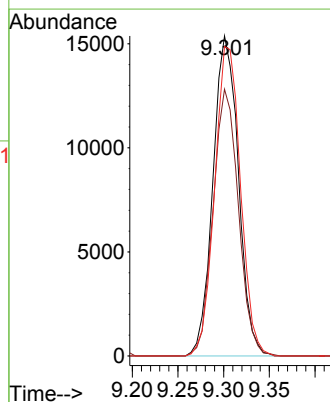
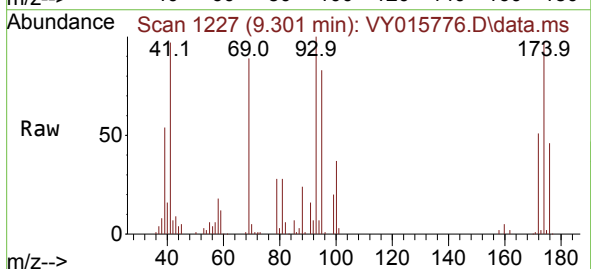
Instrument :
MSVOA_Y
ClientSampleId :

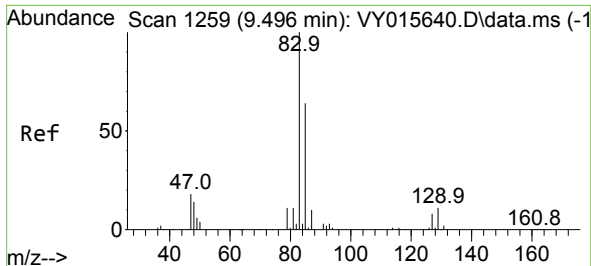
Tgt Ion: 63 Resp: 47512
Ion Ratio Lower Upper
63 100
65 29.6 23.8 35.6



#46
Dibromomethane
Concen: 19.364 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

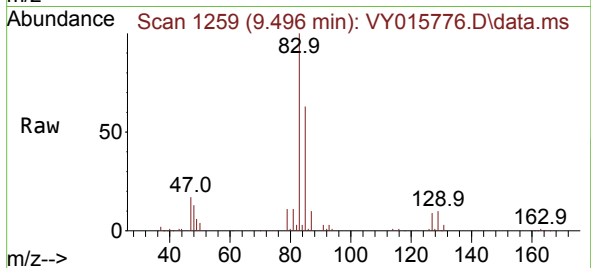
Tgt Ion: 93 Resp: 29709
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 98.6 84.8 127.2



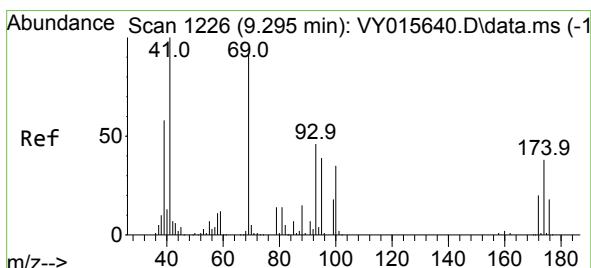
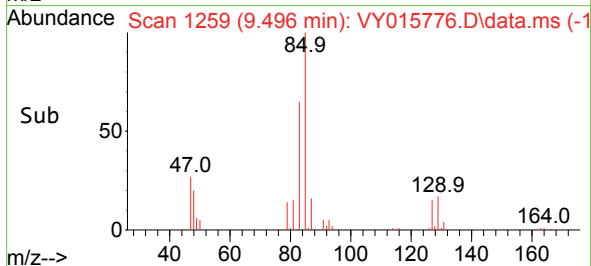
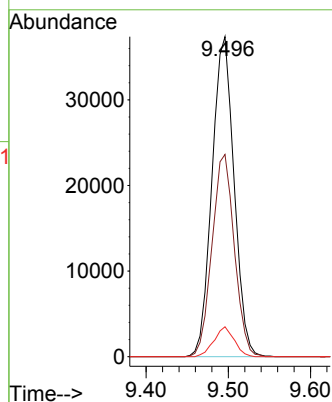


#47
Bromodichloromethane
Concen: 20.378 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Instrument :
MSVOA_Y
ClientSampleId :

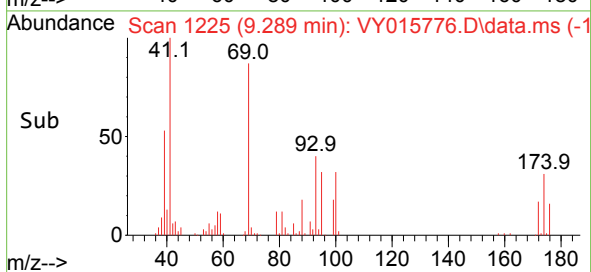
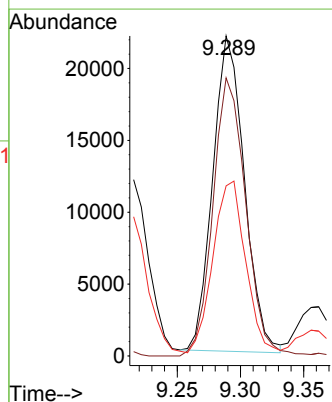
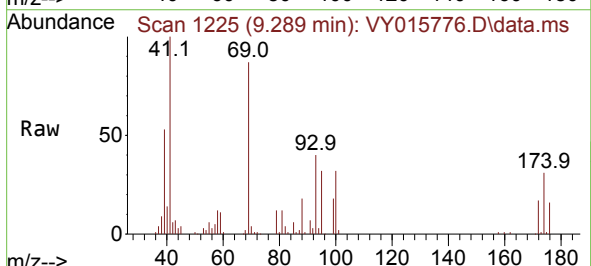


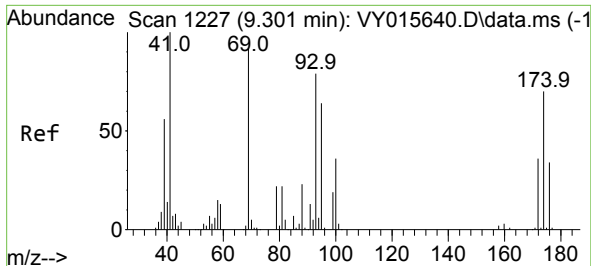
Tgt Ion: 83 Resp: 69690
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 18.060 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 41 Resp: 38094
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 58.5 50.8 76.2





#49

1,4-Dioxane

Concen: 349.649 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

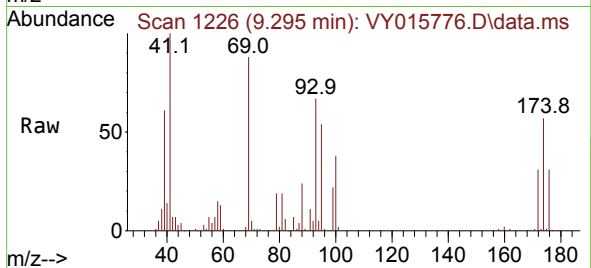
Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :



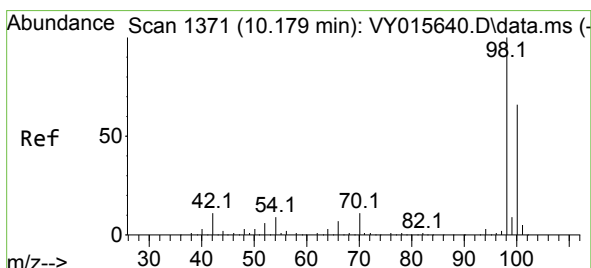
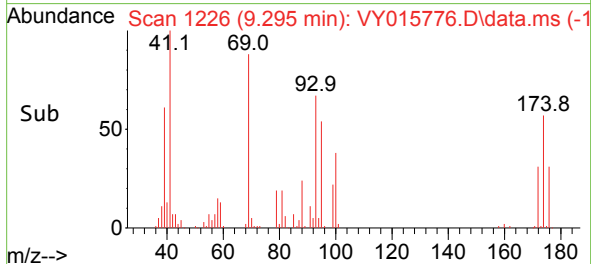
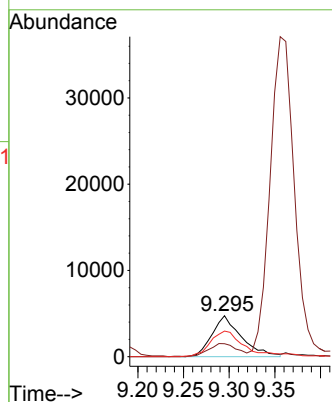
Tgt Ion: 88 Resp: 10598

Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0#

58 74.0 30.9 46.3#



#50

Toluene-d8

Concen: 46.892 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015776.D

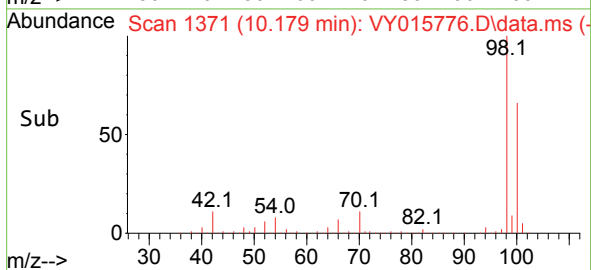
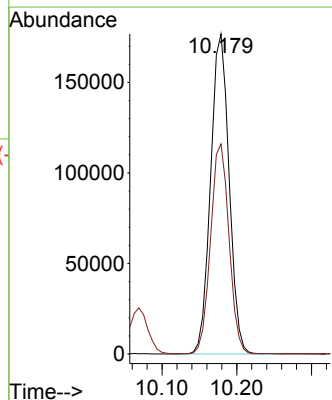
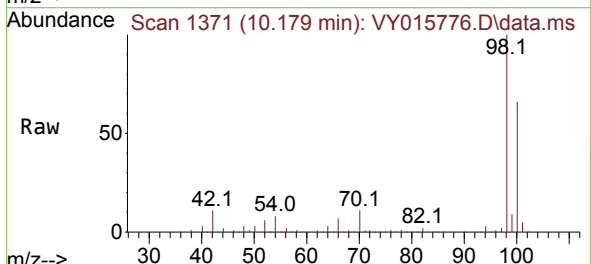
Acq: 02 Oct 2023 14:35

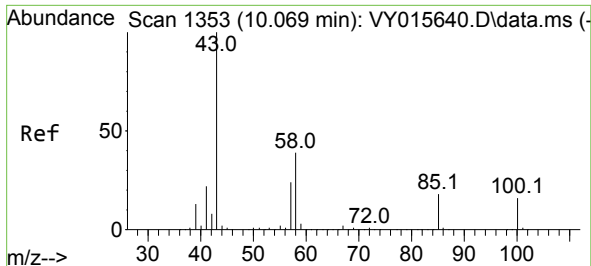
Tgt Ion: 98 Resp: 303276

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 88.128 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

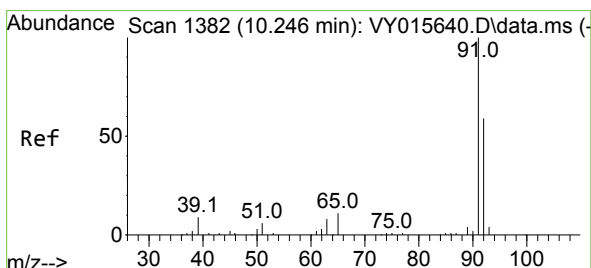
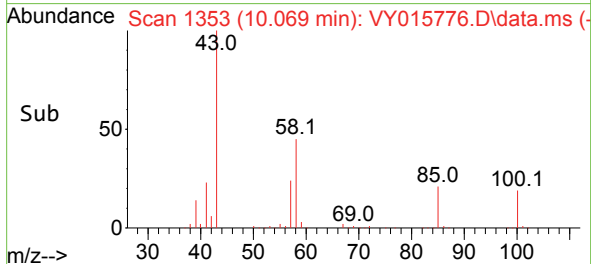
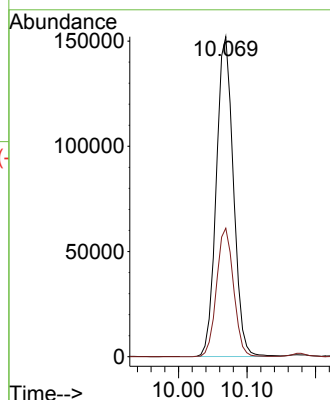
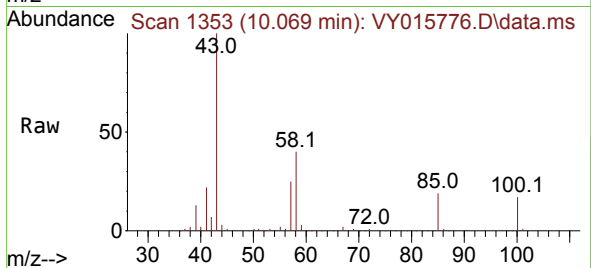
ClientSampleId :

Tgt Ion: 43 Resp: 262487

Ion Ratio Lower Upper

43 100

58 40.0 29.0 43.6



#52

Toluene

Concen: 19.763 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY015776.D

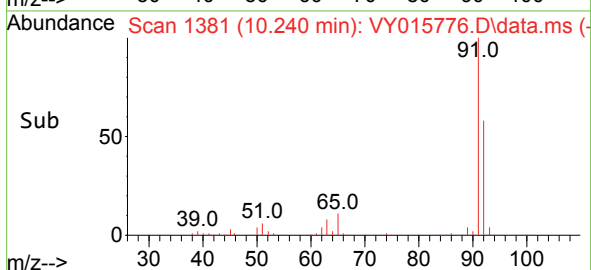
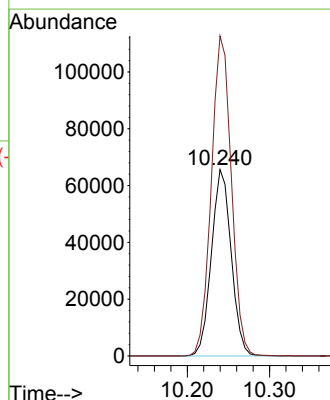
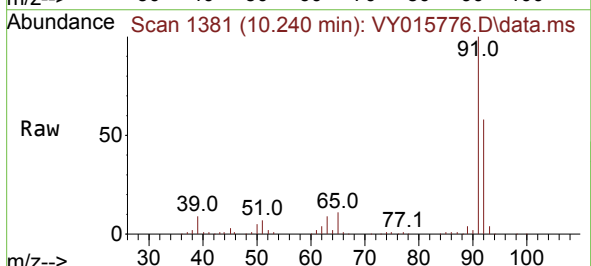
Acq: 02 Oct 2023 14:35

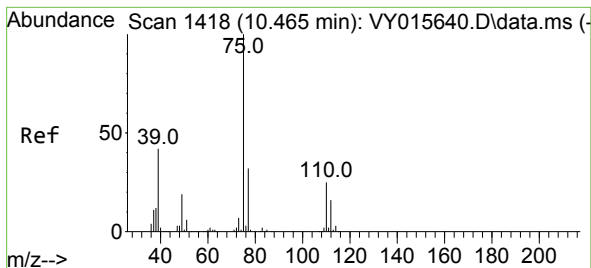
Tgt Ion: 92 Resp: 109585

Ion Ratio Lower Upper

92 100

91 174.2 143.8 215.6

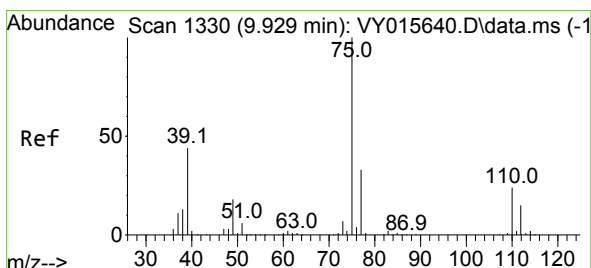
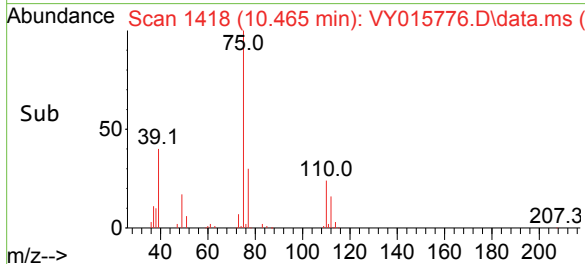
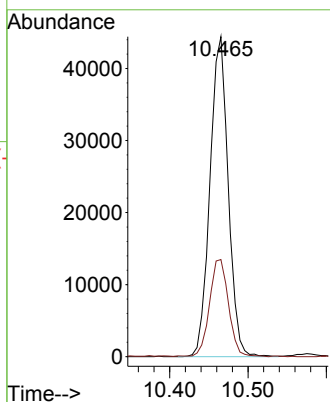
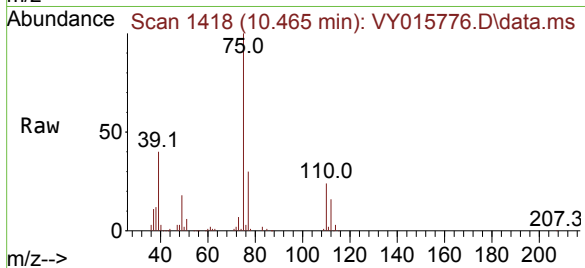




#53
 t-1,3-Dichloropropene
 Concen: 19.592 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35

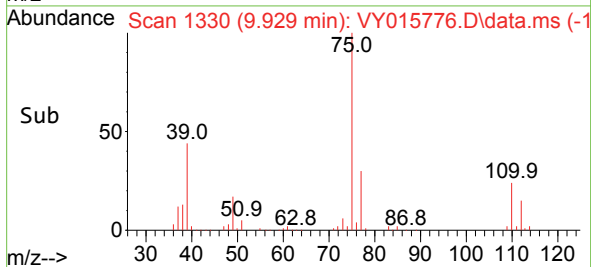
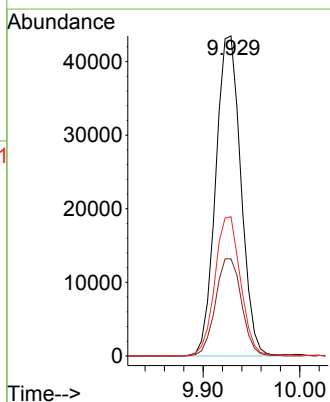
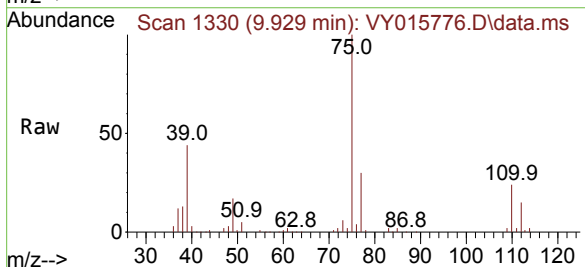
Instrument :
 MSVOA_Y
 ClientSampleId :

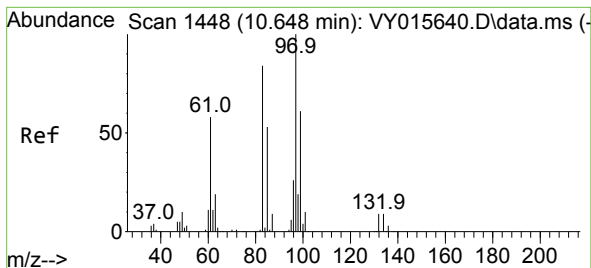
Tgt Ion: 75 Resp: 71851
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.886 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35

Tgt Ion: 75 Resp: 78501
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.2 36.4
 39 43.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.127 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 45253

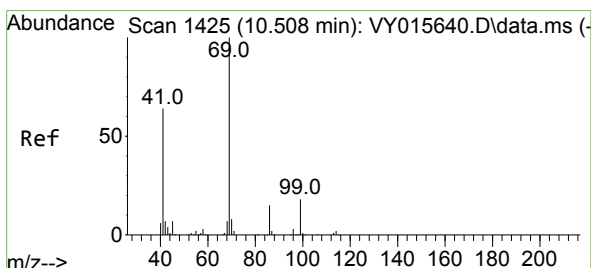
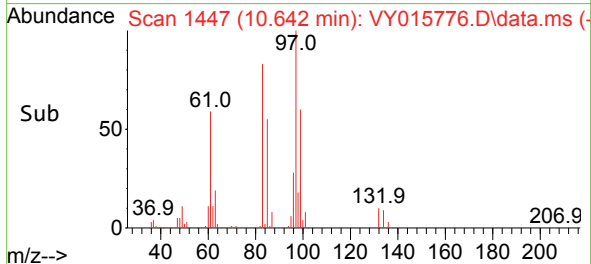
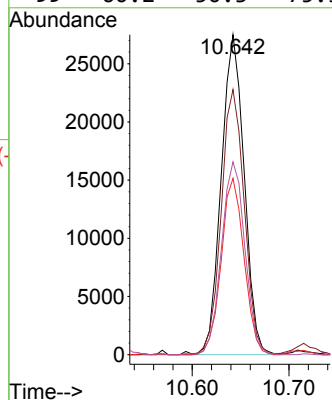
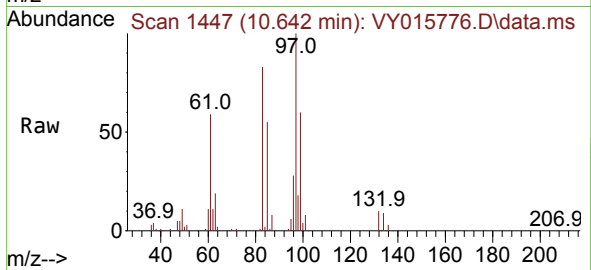
Ion Ratio Lower Upper

97 100

83 82.8 72.0 108.0

85 55.1 45.4 68.0

99 60.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.800 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

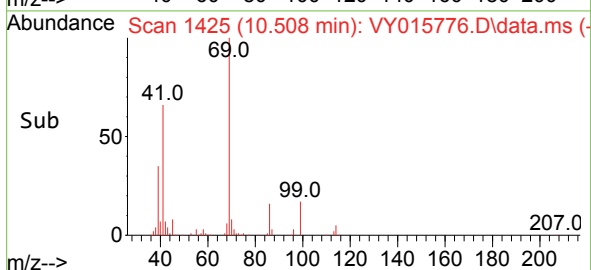
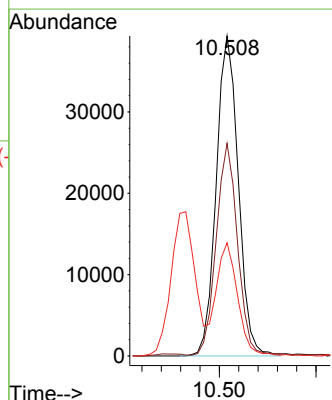
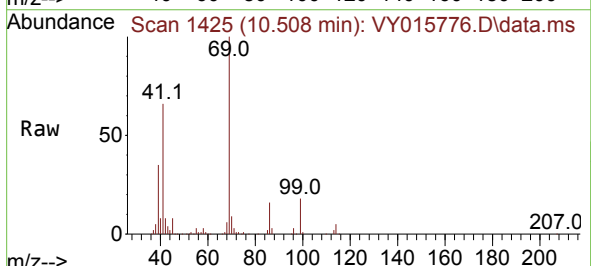
Tgt Ion: 69 Resp: 62293

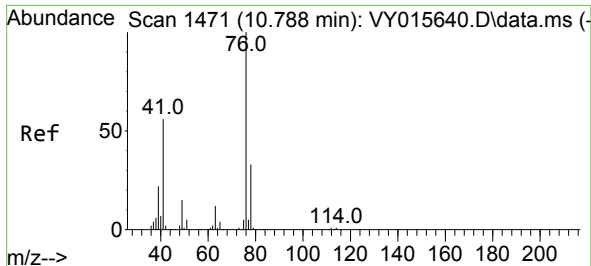
Ion Ratio Lower Upper

69 100

41 63.7 57.6 86.4

39 34.6 34.1 51.1

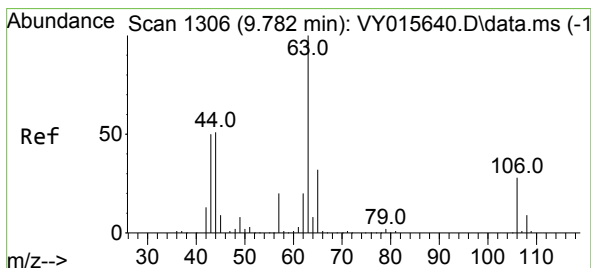
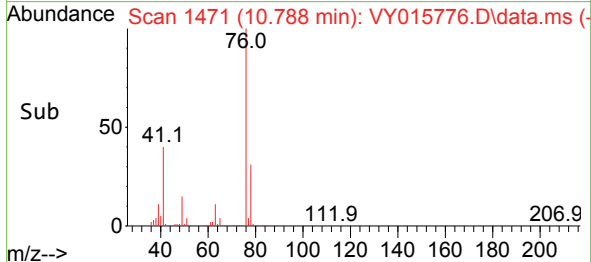
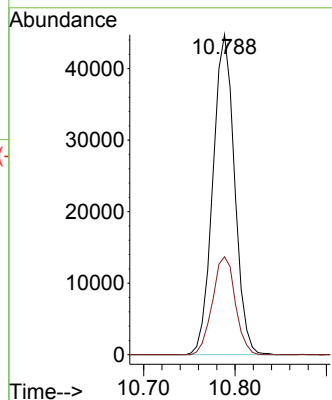
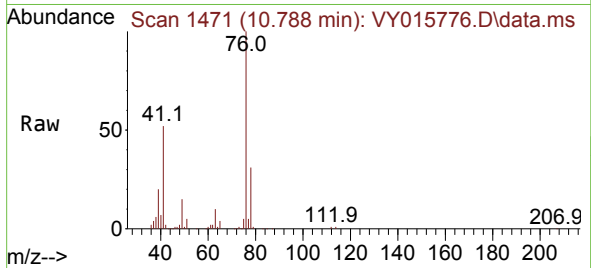




#57
1,3-Dichloropropane
Concen: 19.569 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

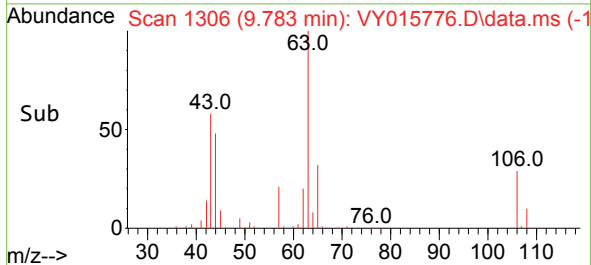
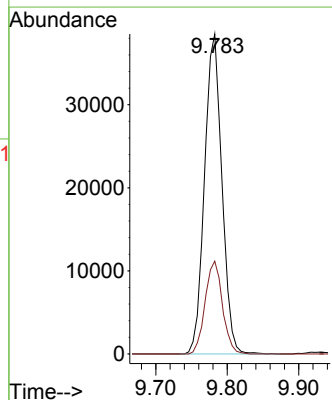
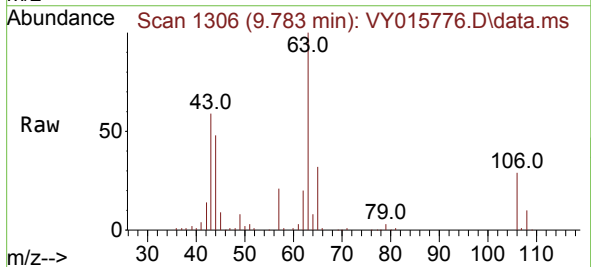
Instrument :
MSVOA_Y
ClientSampleId :

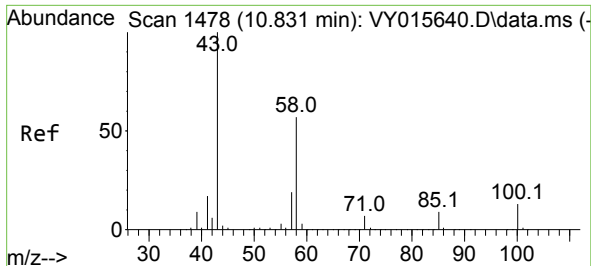
Tgt Ion: 76 Resp: 73786
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 61.698 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.007 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 63 Resp: 64937
Ion Ratio Lower Upper
63 100
106 28.9 21.2 31.8

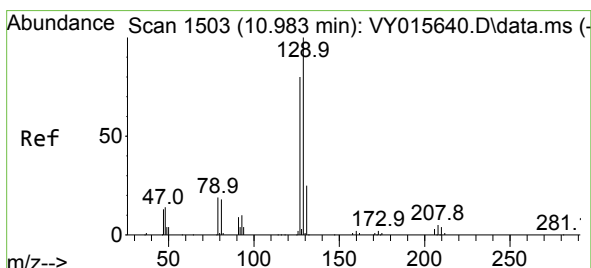
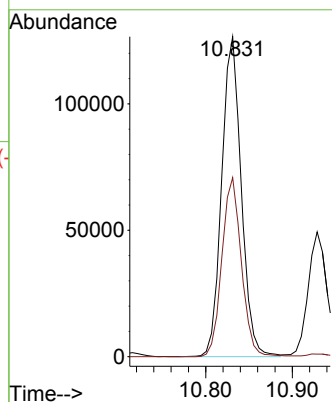
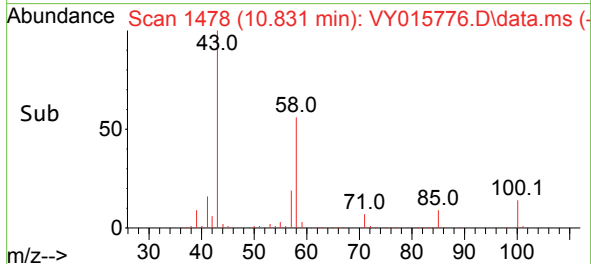
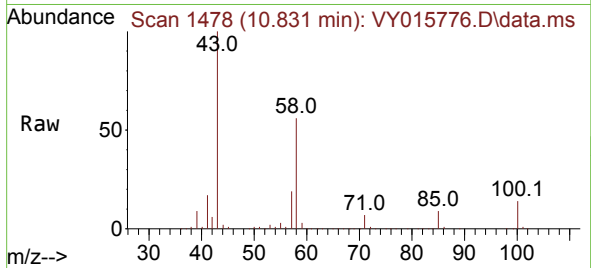




#59
2-Hexanone
Concen: 86.835 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

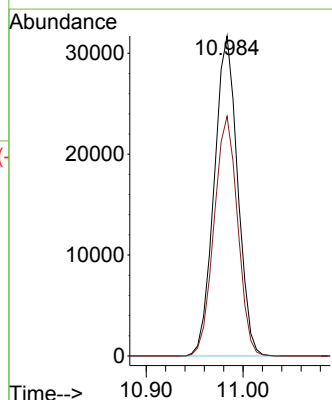
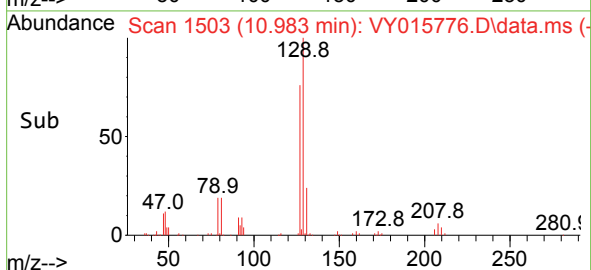
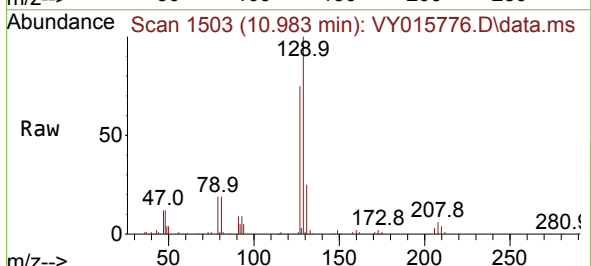
Instrument :
MSVOA_Y
ClientSampleId :

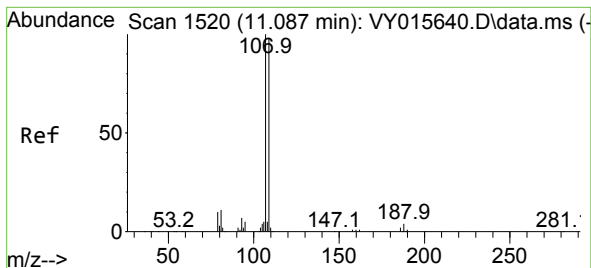
Tgt Ion: 43 Resp: 198430
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3



#60
Dibromochloromethane
Concen: 20.278 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 129 Resp: 53222
Ion Ratio Lower Upper
129 100
127 75.3 38.5 115.5

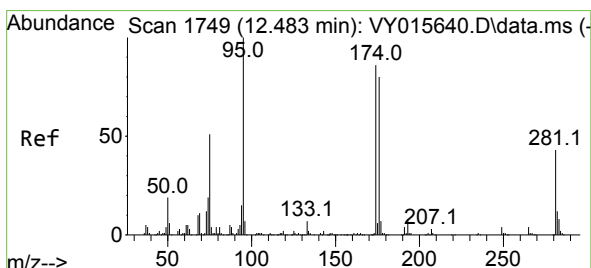
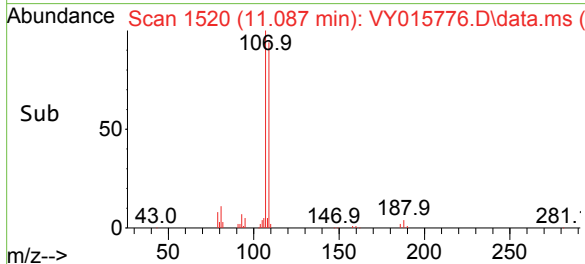
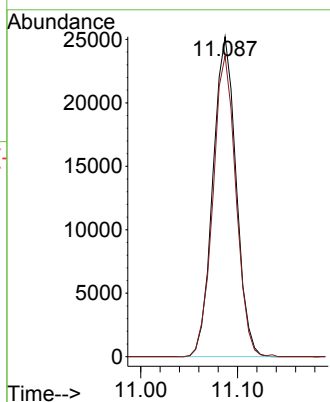
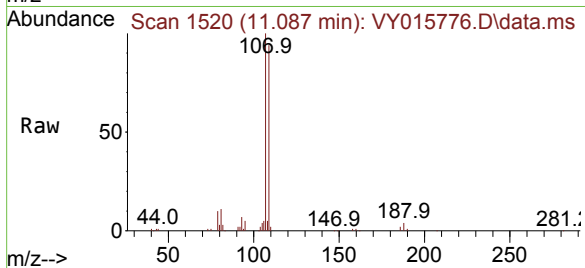




#61
1,2-Dibromoethane
Concen: 19.053 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

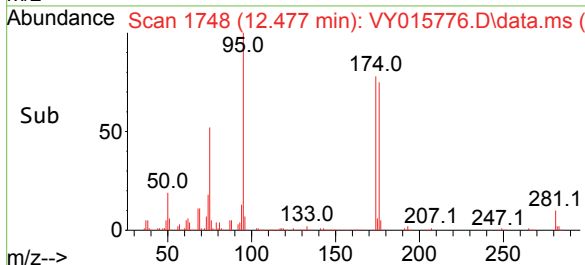
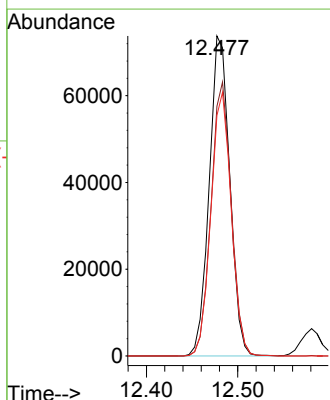
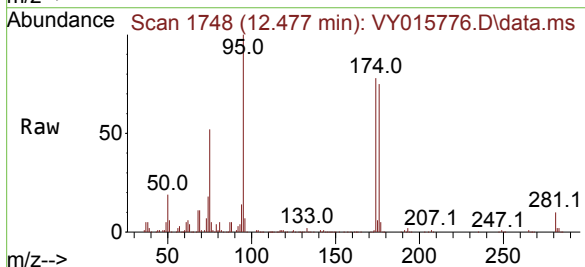
Instrument :
MSVOA_Y
ClientSampleId :

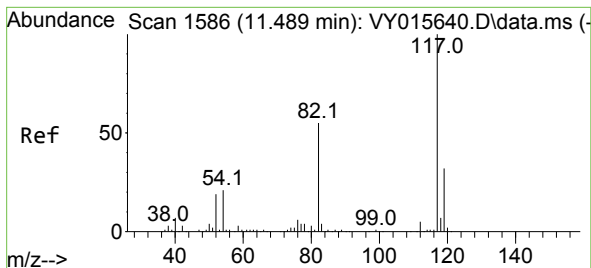
Tgt Ion:107 Resp: 41910
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.298 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 95 Resp: 114970
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.6 0.0 173.8

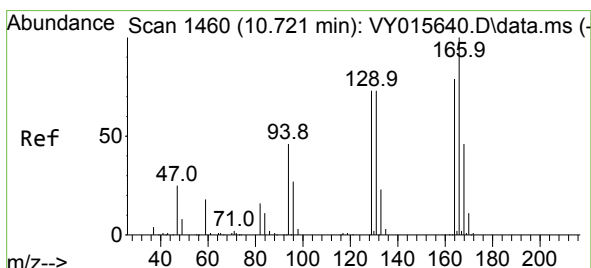
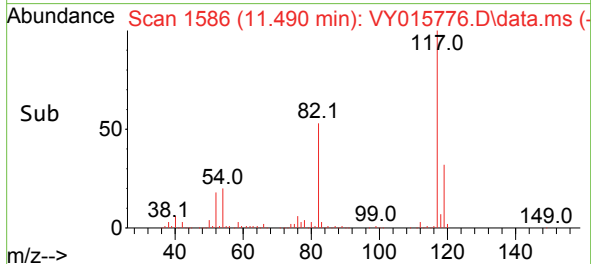
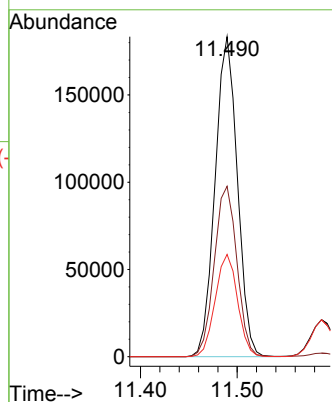
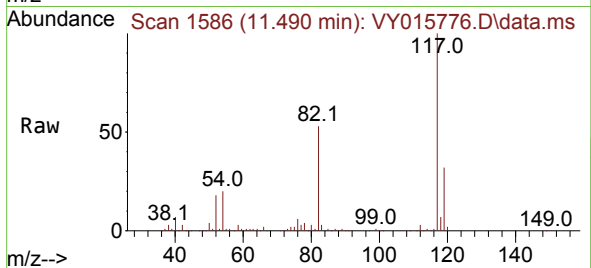




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

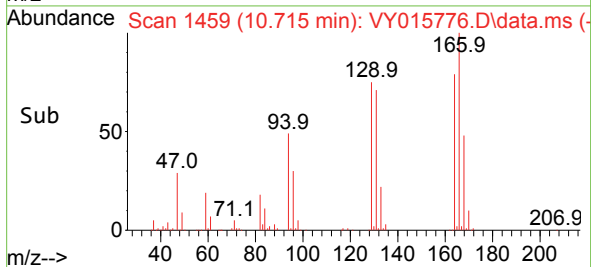
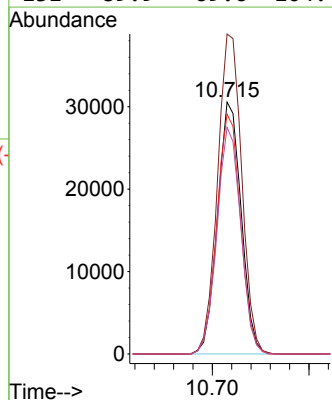
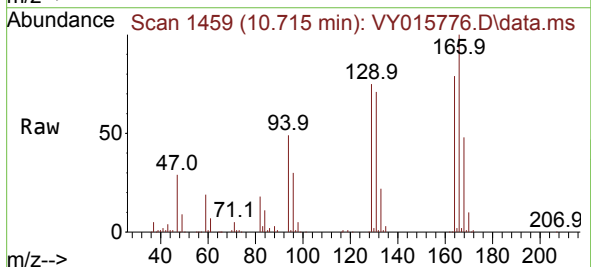
Instrument :
MSVOA_Y
ClientSampleId :

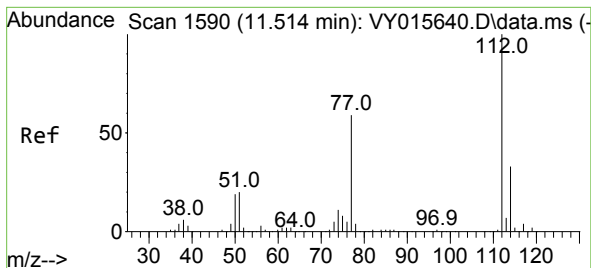
Tgt Ion:117 Resp: 292916
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 20.624 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion:164 Resp: 51830
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 95.2 77.2 115.8
131 89.9 69.6 104.4

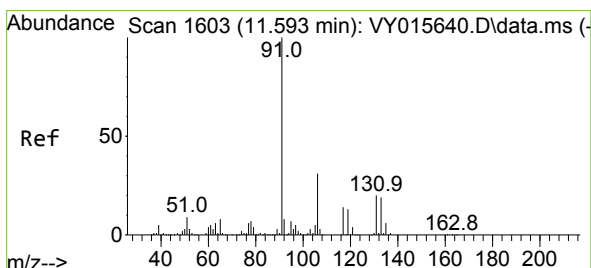
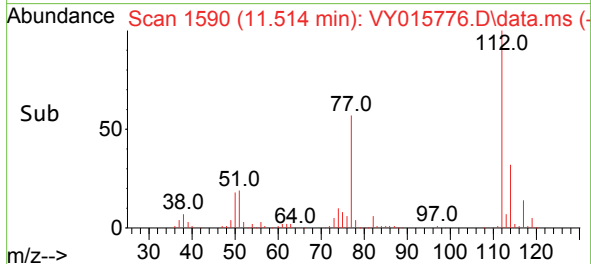
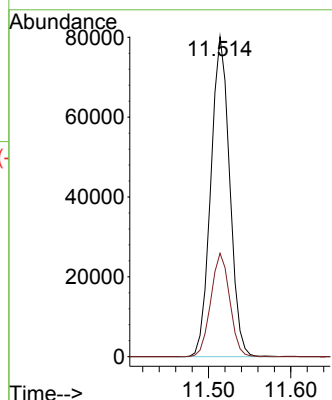
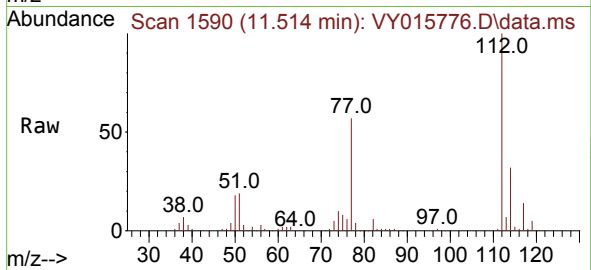




#65
Chlorobenzene
Concen: 19.952 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

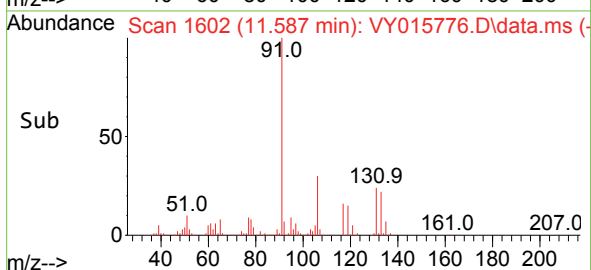
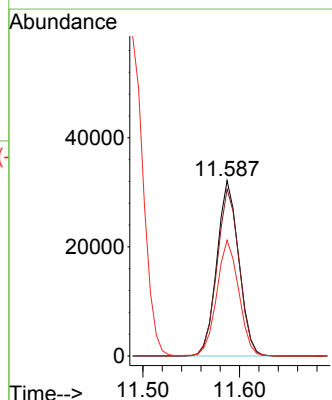
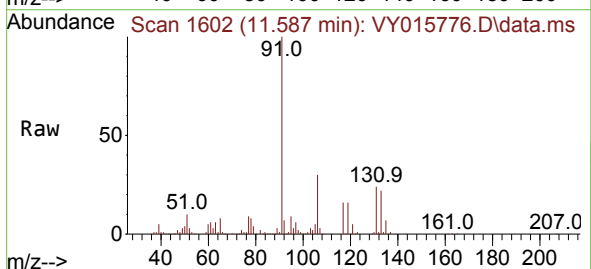
Instrument :
MSVOA_Y
ClientSampleId :

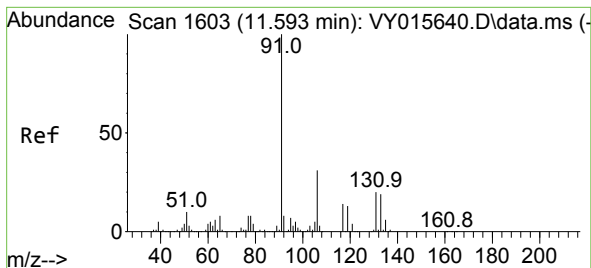
Tgt Ion:112 Resp: 127571
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.291 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion:131 Resp: 50394
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 66.4 31.6 94.7





#67

Ethyl Benzene

Concen: 19.758 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

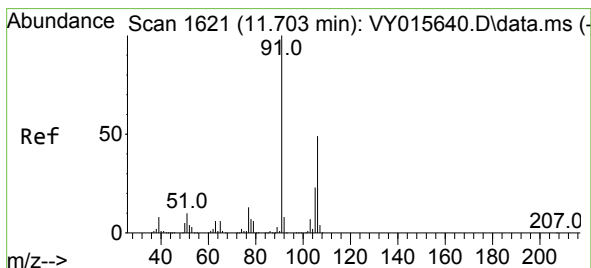
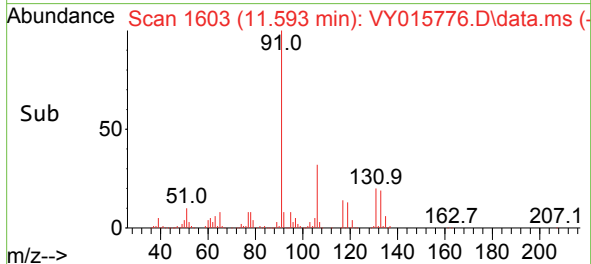
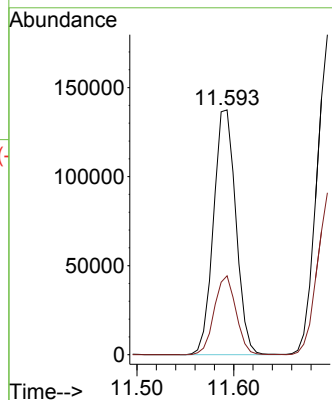
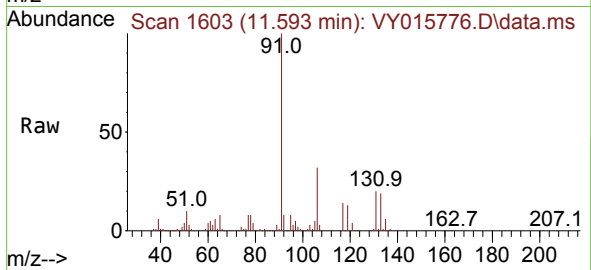
ClientSampleId :

Tgt Ion: 91 Resp: 220810

Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8



#68

m/p-Xylenes

Concen: 39.968 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY015776.D

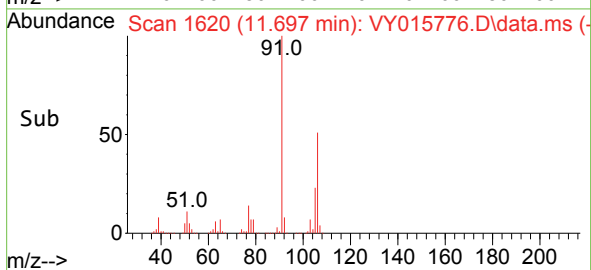
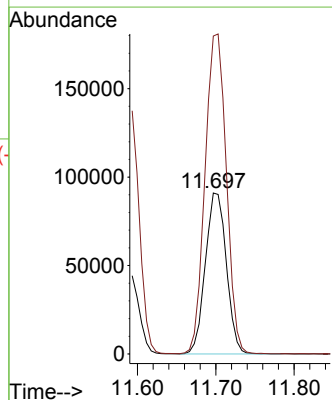
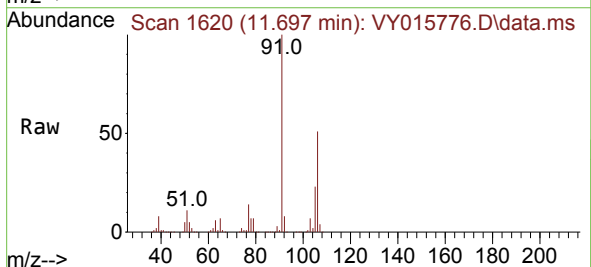
Acq: 02 Oct 2023 14:35

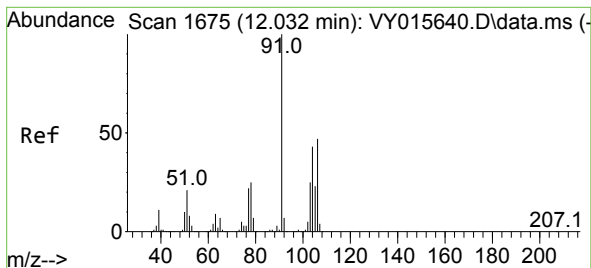
Tgt Ion:106 Resp: 169773

Ion Ratio Lower Upper

106 100

91 201.2 166.1 249.1





#69

o-Xylene

Concen: 19.963 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

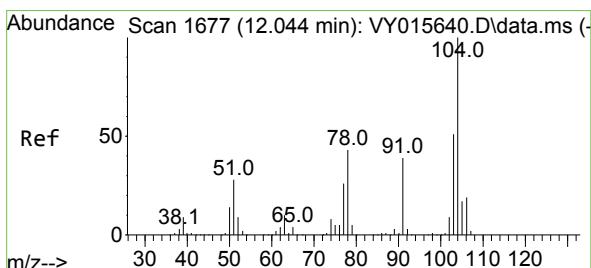
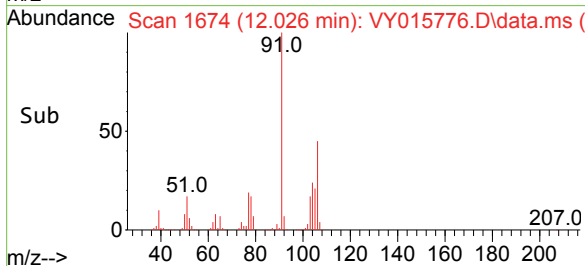
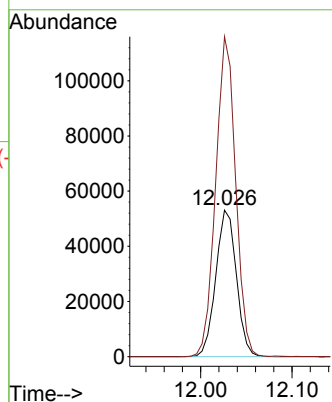
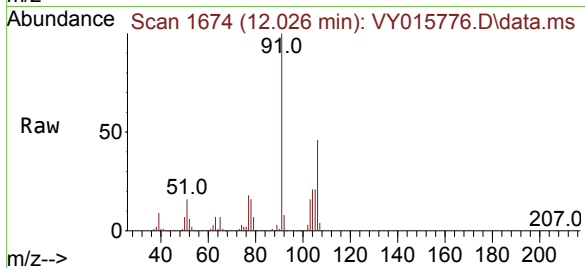
ClientSampleId :

Tgt Ion:106 Resp: 83150

Ion Ratio Lower Upper

106 100

91 211.8 108.1 324.3



#70

Styrene

Concen: 20.323 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

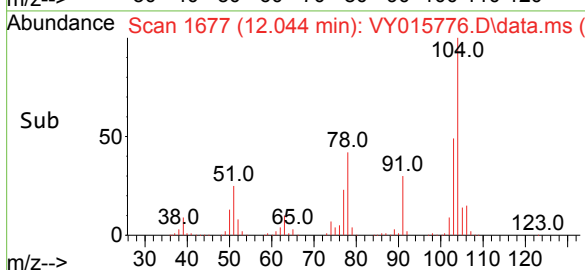
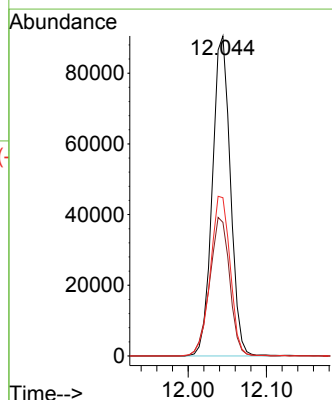
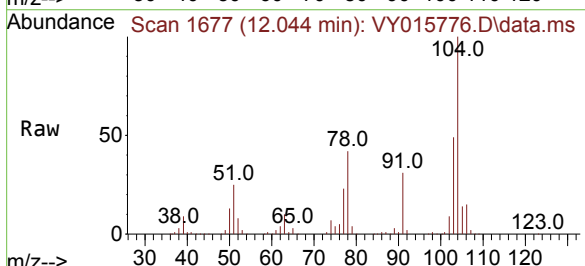
Tgt Ion:104 Resp: 144895

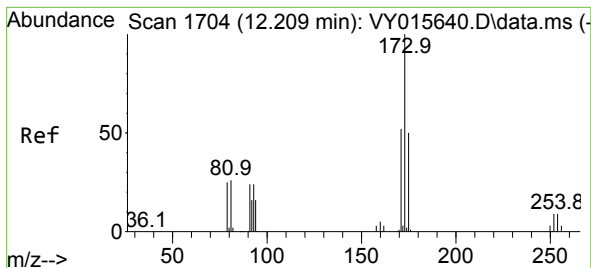
Ion Ratio Lower Upper

104 100

78 48.1 41.5 62.3

103 54.9 44.6 67.0





#71

Bromoform

Concen: 19.686 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015776.D

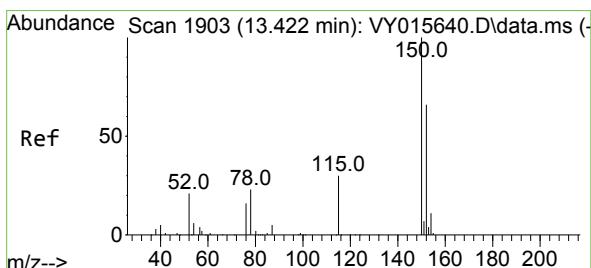
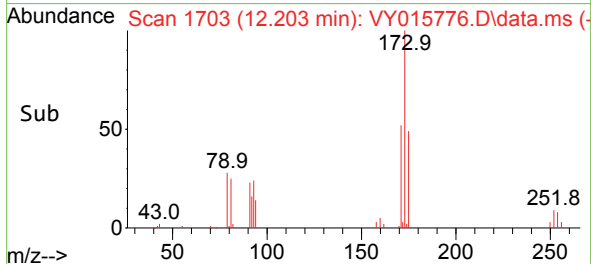
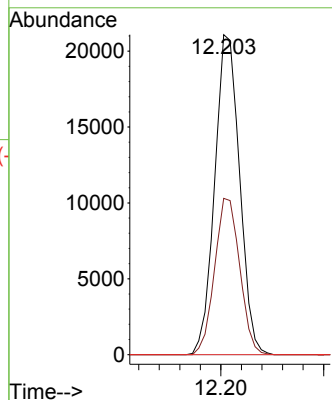
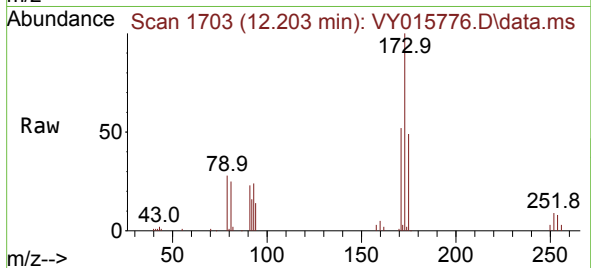
Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	35430
Ion Ratio	Lower	Upper
173	100	
175	49.3	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

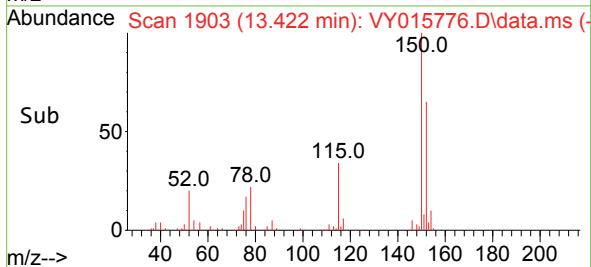
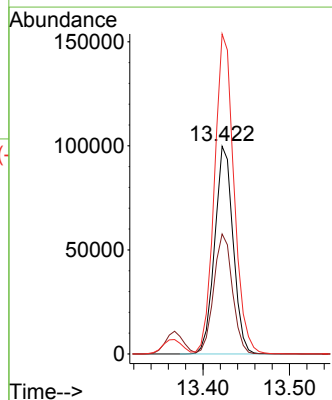
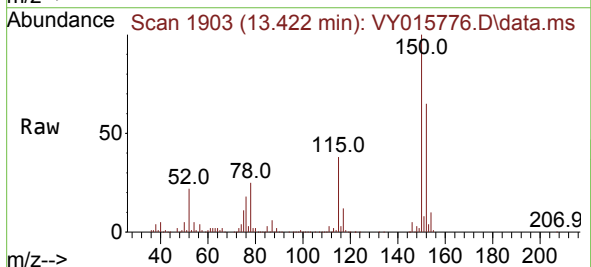
RT: 13.422 min Scan# 1903

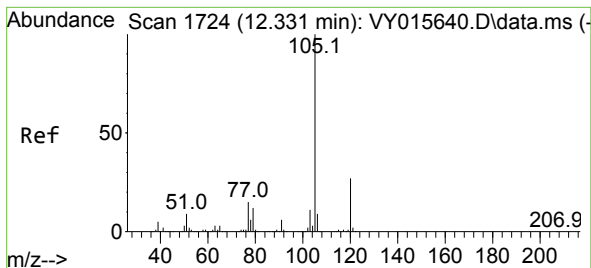
Delta R.T. 0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Tgt Ion:152	Resp:	147158
Ion Ratio	Lower	Upper
152	100	
115	58.7	28.8 86.5
150	163.8	0.0 348.8





#73

Isopropylbenzene

Concen: 20.421 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

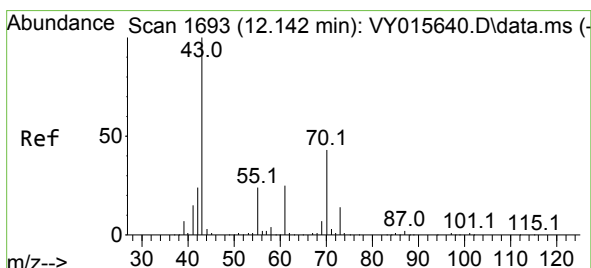
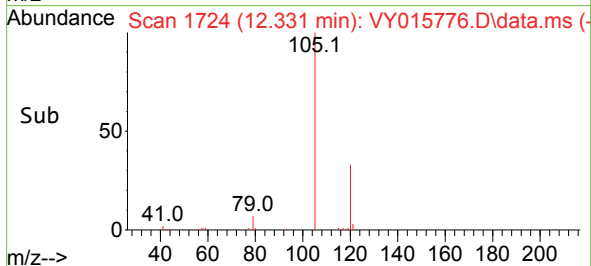
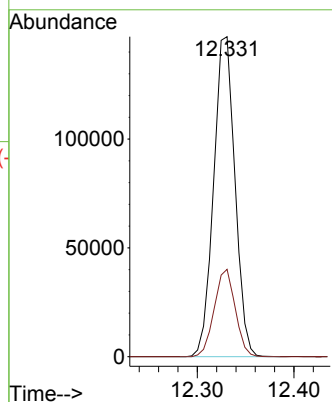
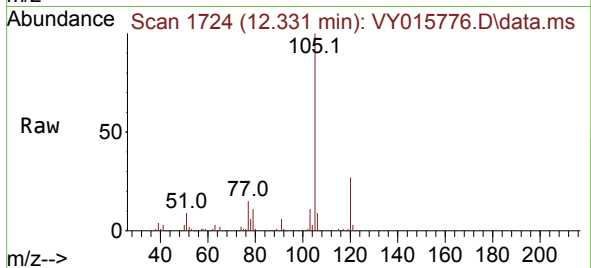
ClientSampleId :

Tgt Ion:105 Resp: 225431

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 18.607 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Tgt Ion: 43 Resp: 77204

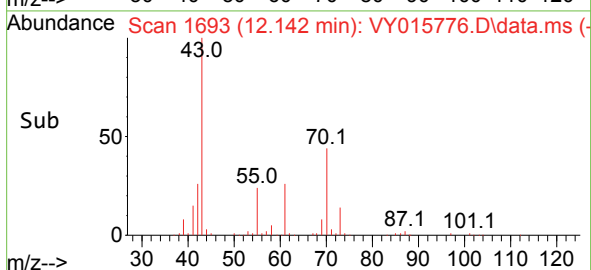
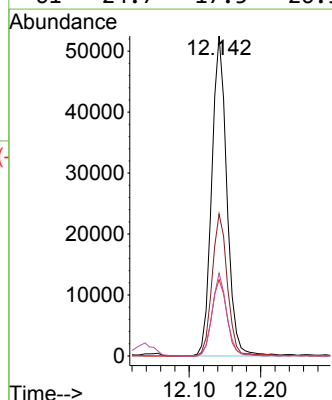
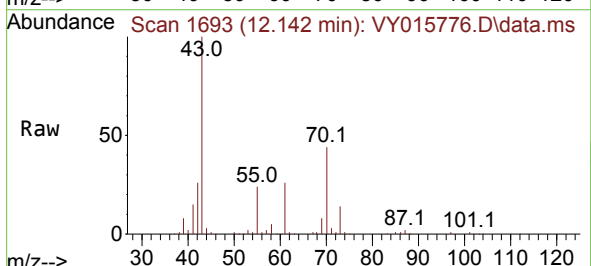
Ion Ratio Lower Upper

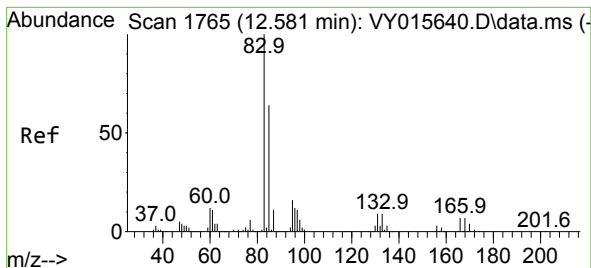
43 100

70 44.9 29.7 44.5

55 24.2 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.642 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

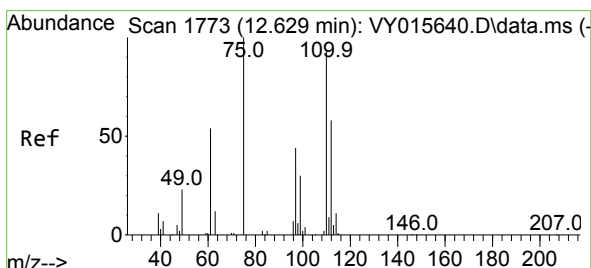
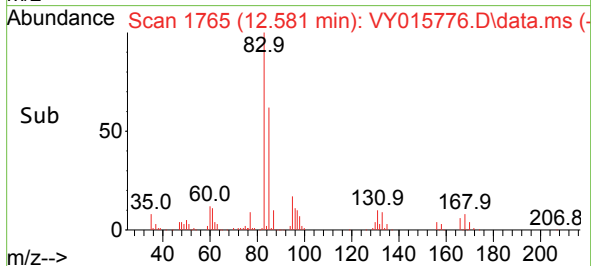
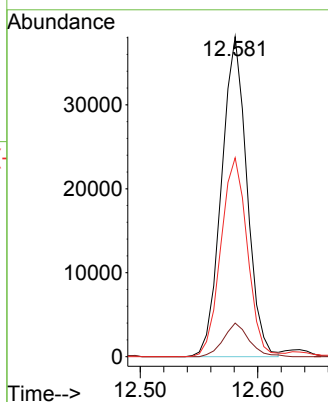
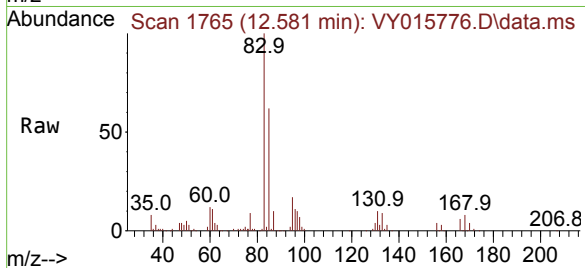
Tgt Ion: 83 Resp: 57274

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 31.980 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY015776.D

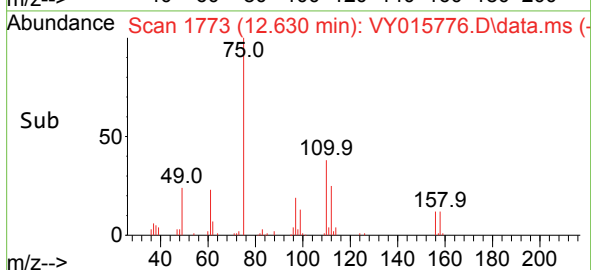
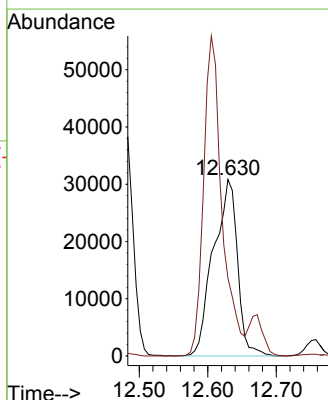
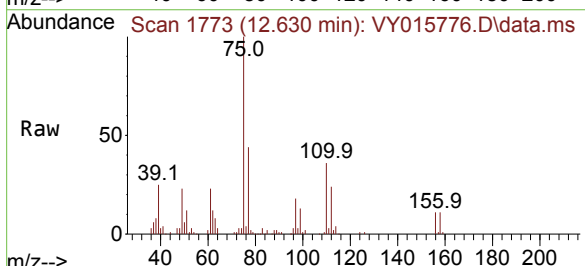
Acq: 02 Oct 2023 14:35

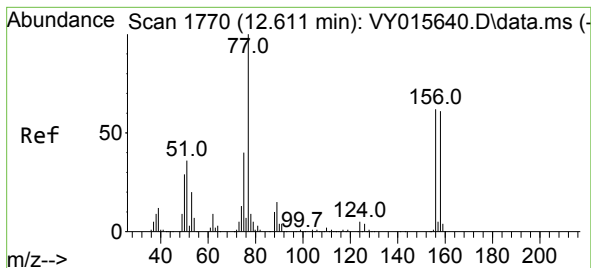
Tgt Ion: 75 Resp: 75079

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.423 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015776.D

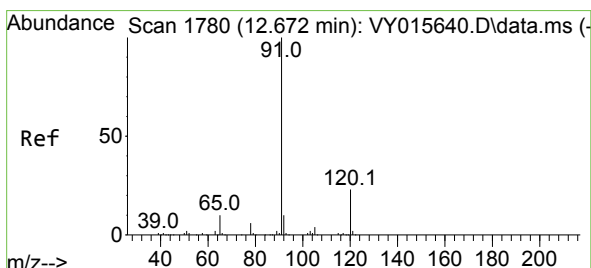
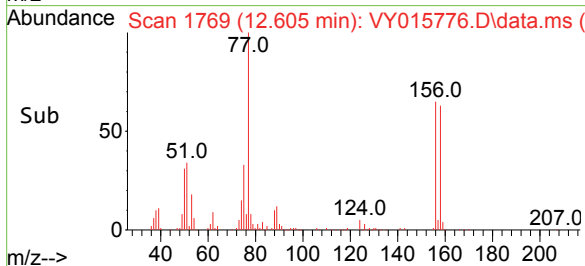
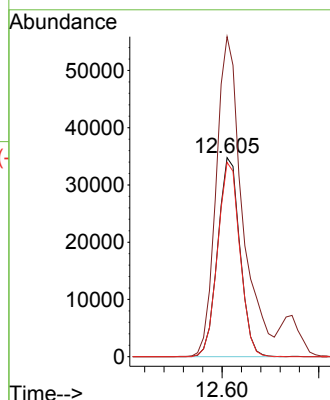
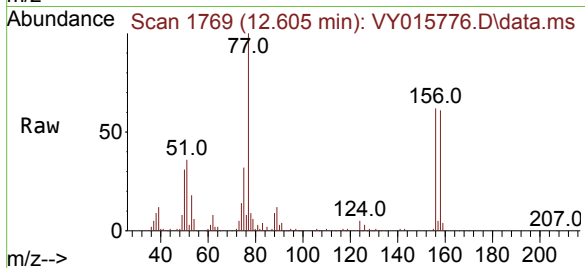
Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	55342
Ion Ratio	Lower	Upper	
156	100		
77	189.7	92.8	278.6
158	98.0	48.4	145.3



#78

n-propylbenzene

Concen: 20.368 ug/l

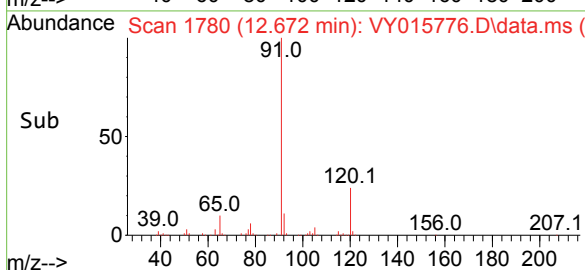
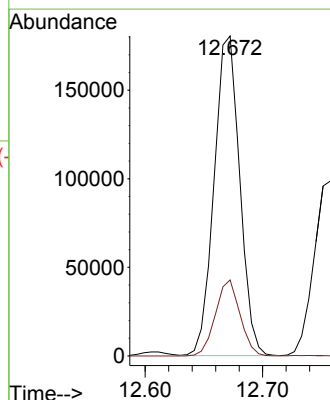
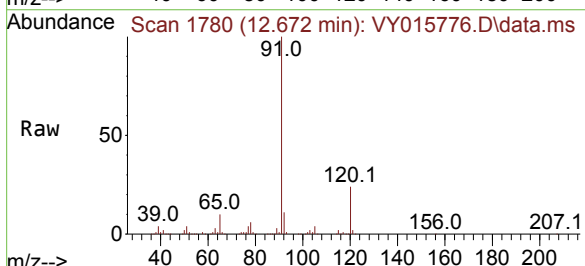
RT: 12.672 min Scan# 1780

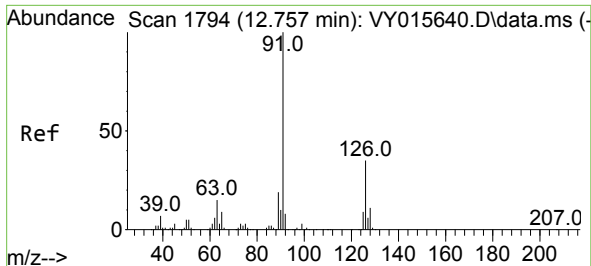
Delta R.T. 0.006 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Tgt Ion:	91	Resp:	273162
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4

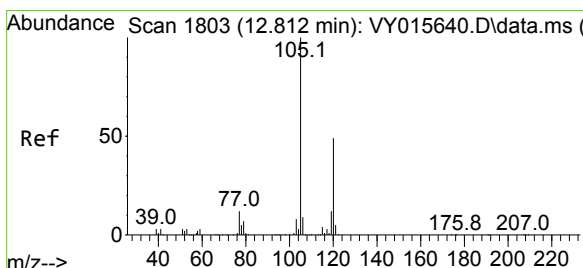
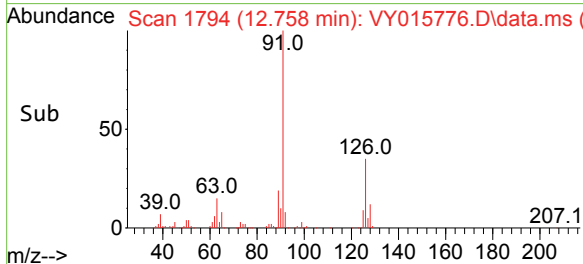
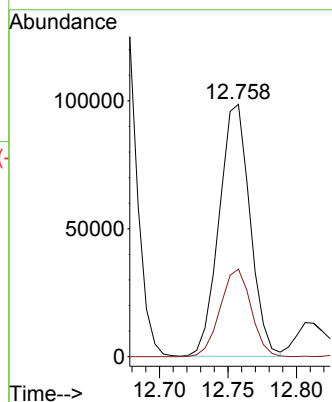
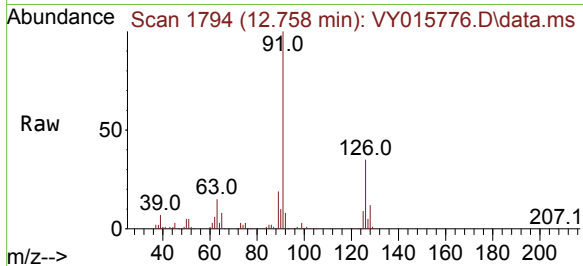




#79
2-Chlorotoluene
Concen: 20.276 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

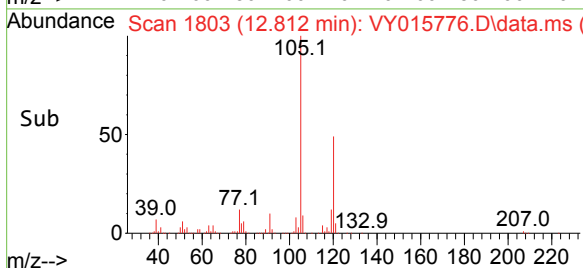
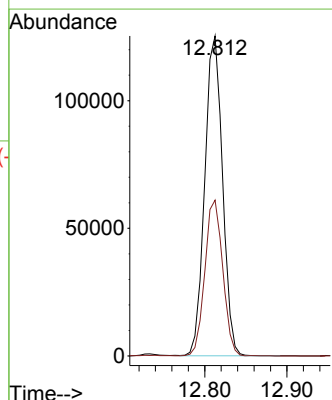
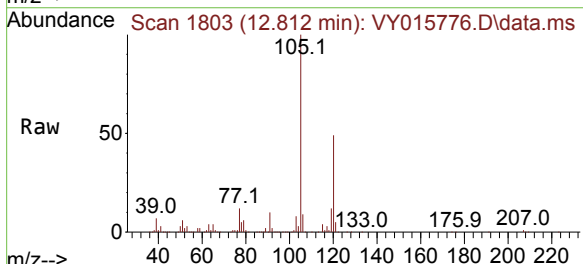
Instrument :
MSVOA_Y
ClientSampleId :

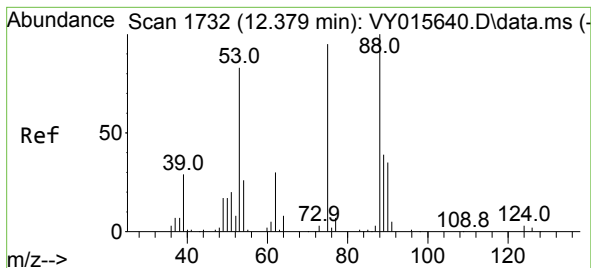
Tgt Ion: 91 Resp: 155005
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.338 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion:105 Resp: 187961
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

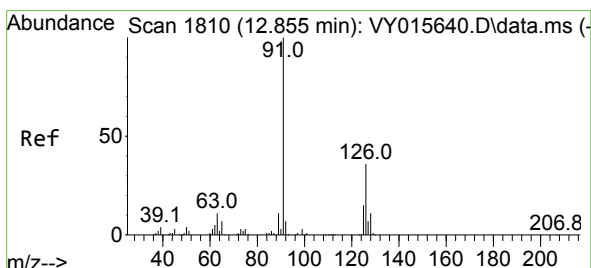
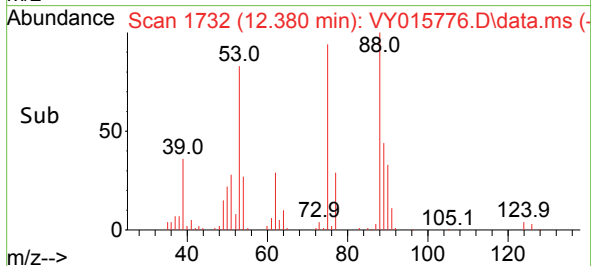
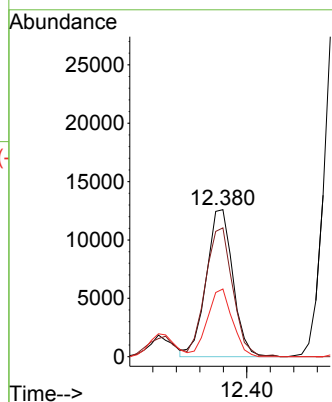
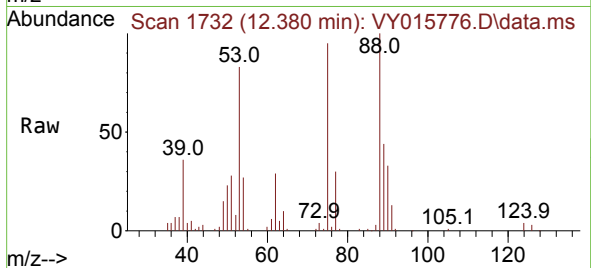




#81
trans-1,4-Dichloro-2-butene
Concen: 19.026 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

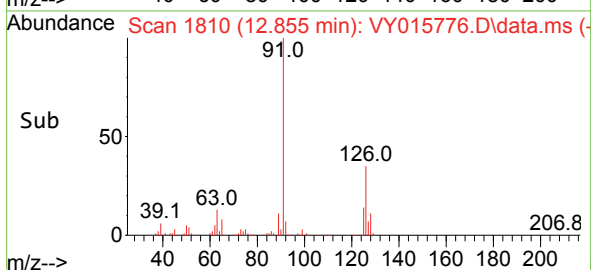
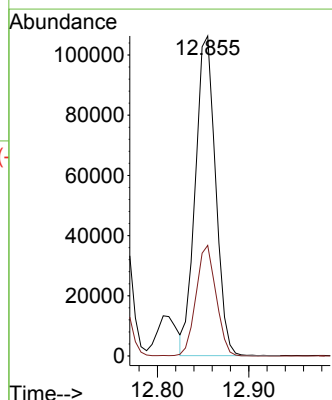
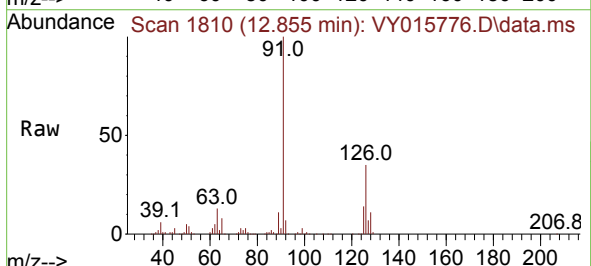
Instrument :
MSVOA_Y
ClientSampleId :

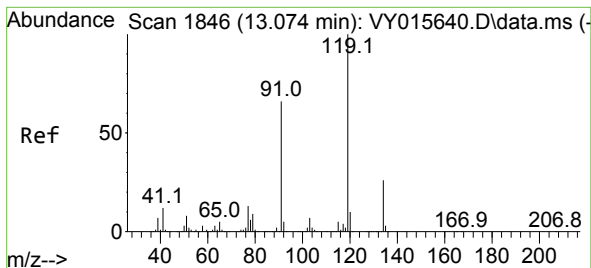
Tgt Ion: 75 Resp: 19835
Ion Ratio Lower Upper
75 100
53 89.6 77.8 116.8
89 43.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.459 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

Tgt Ion: 91 Resp: 163275
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

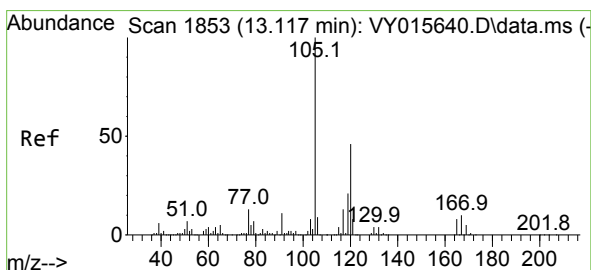
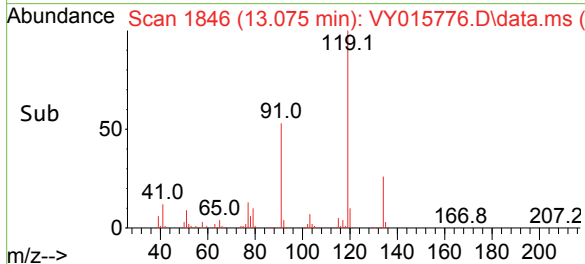
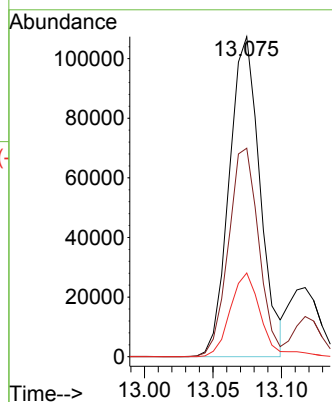
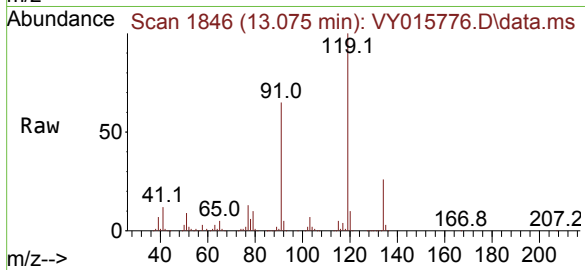




#83
 tert-Butylbenzene
 Concen: 20.796 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35

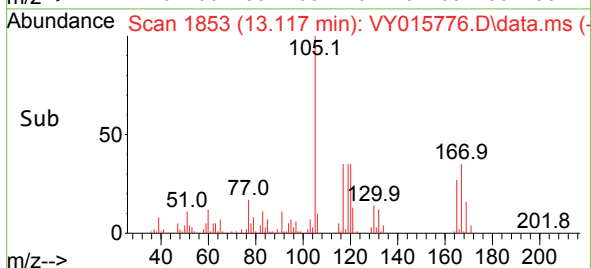
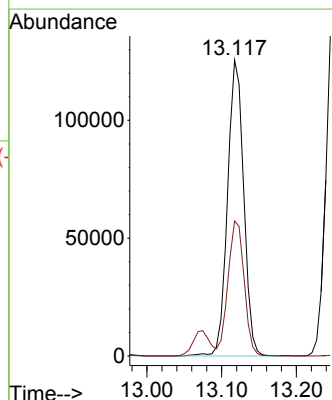
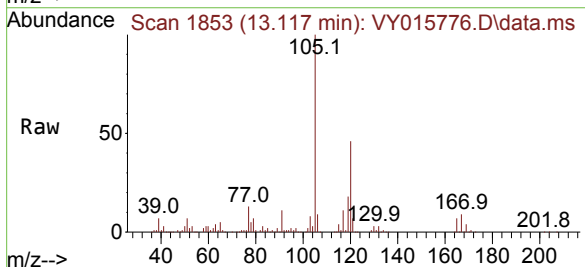
Instrument :
 MSVOA_Y
 ClientSampleId :

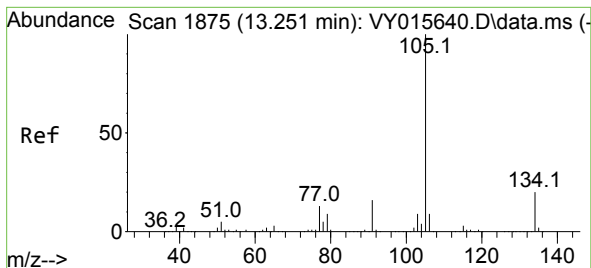
Tgt Ion:119 Resp: 168328
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.9 98.6
 134 26.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.422 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015776.D
 Acq: 02 Oct 2023 14:35

Tgt Ion:105 Resp: 188840
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.650 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

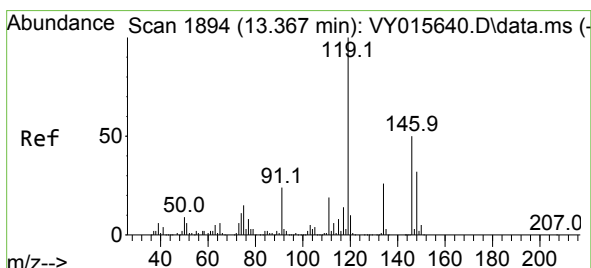
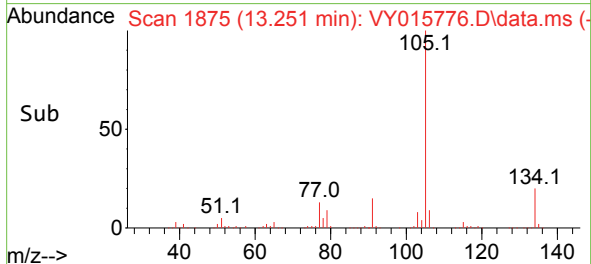
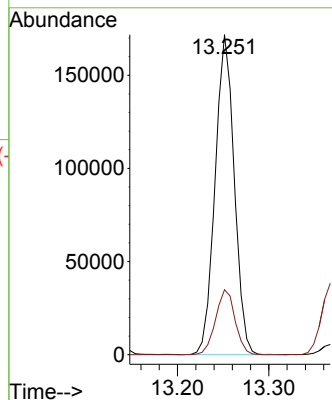
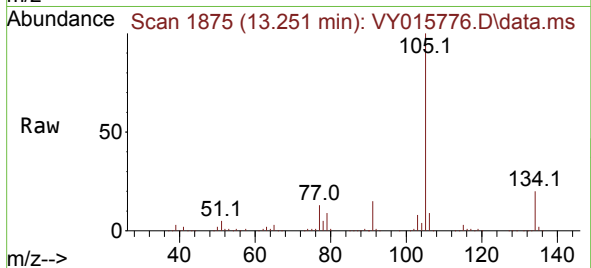
ClientSampleId :

Tgt Ion:105 Resp: 250147

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.943 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

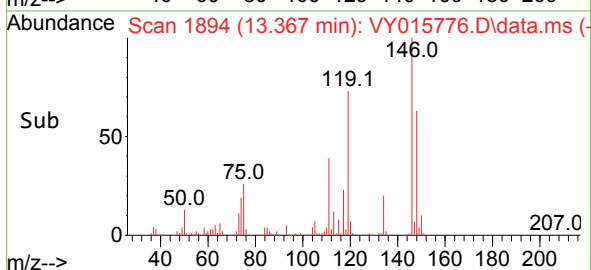
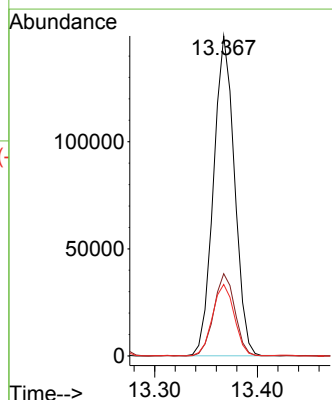
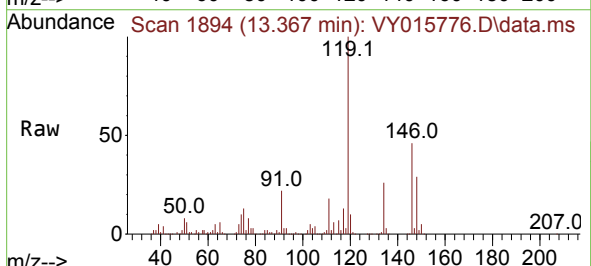
Tgt Ion:119 Resp: 211915

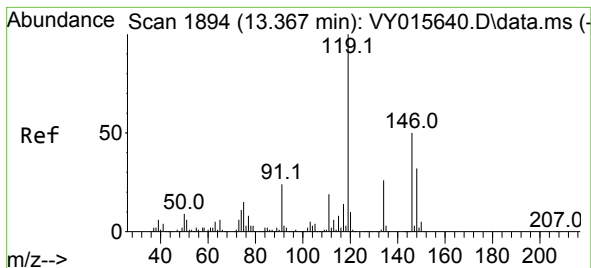
Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.626 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

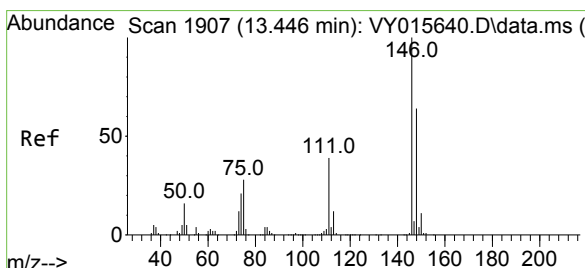
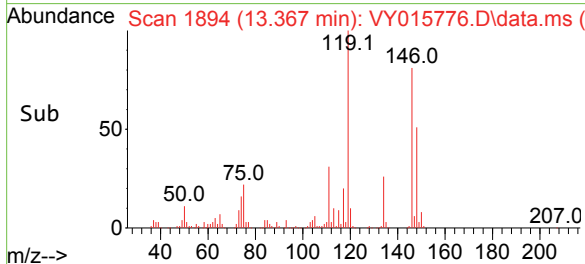
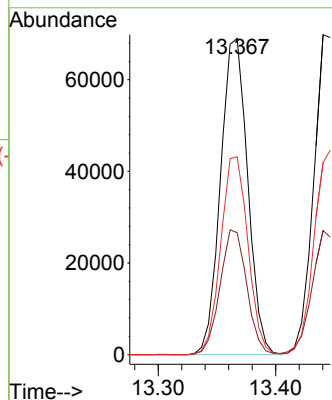
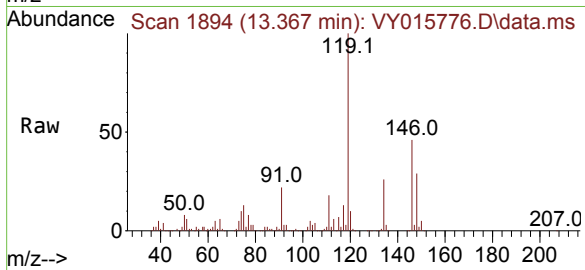
Tgt Ion:146 Resp: 110885

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 62.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.617 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

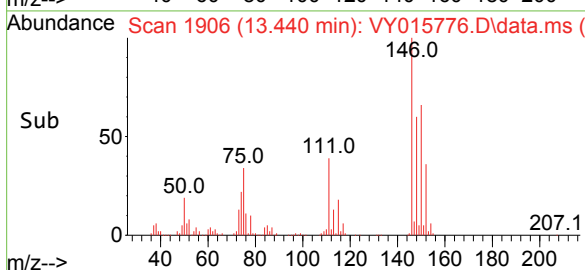
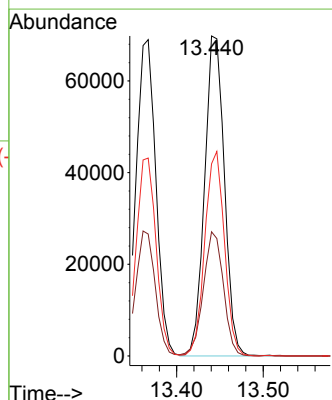
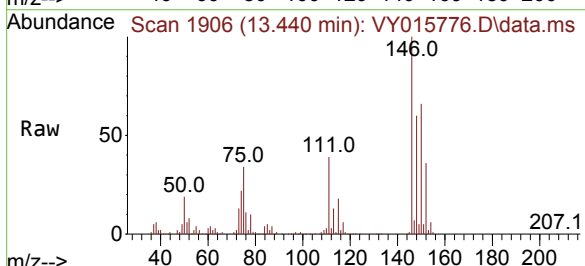
Tgt Ion:146 Resp: 110851

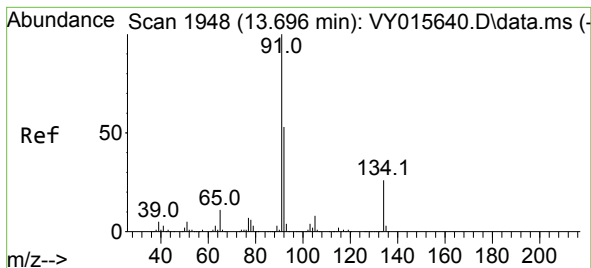
Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 20.762 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

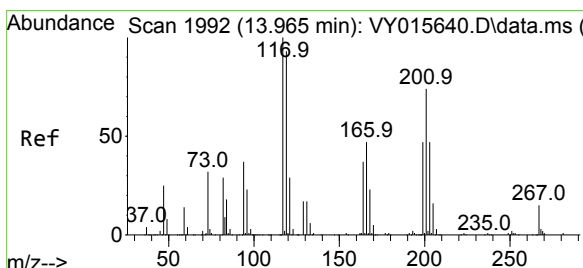
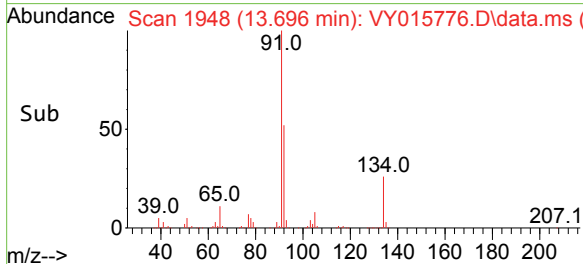
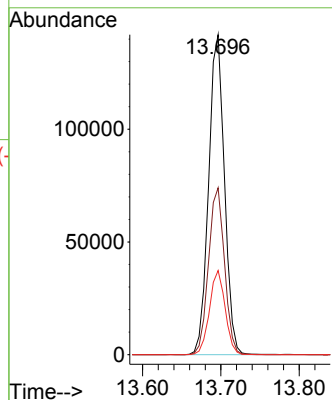
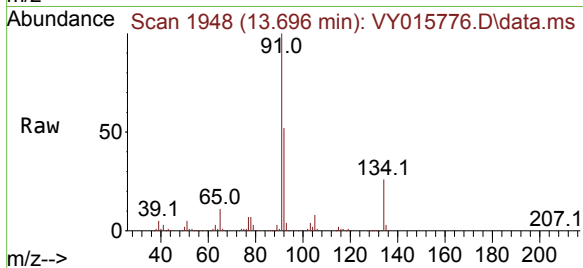
Tgt Ion: 91 Resp: 198931

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 20.561 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015776.D

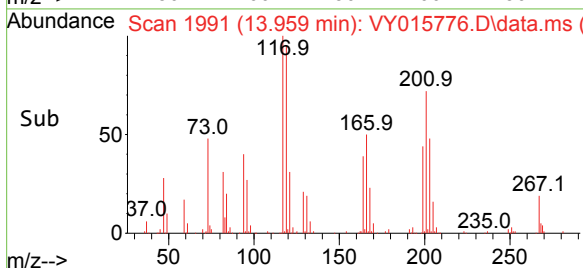
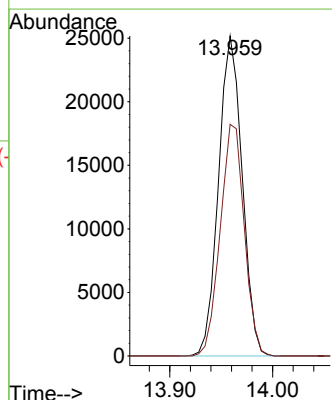
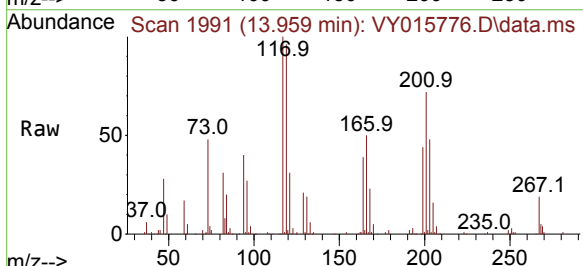
Acq: 02 Oct 2023 14:35

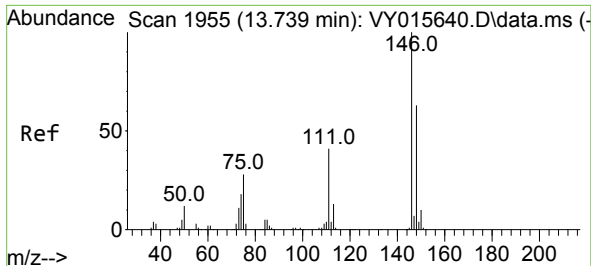
Tgt Ion: 117 Resp: 40153

Ion Ratio Lower Upper

117 100

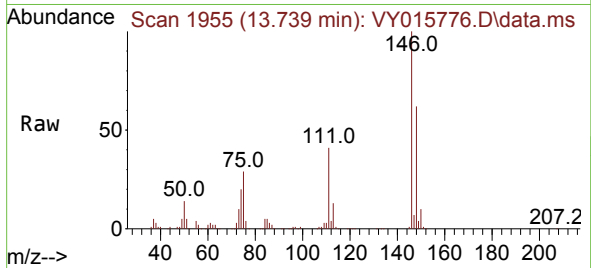
201 73.9 41.6 124.8



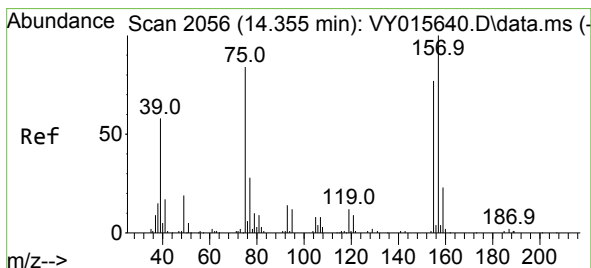
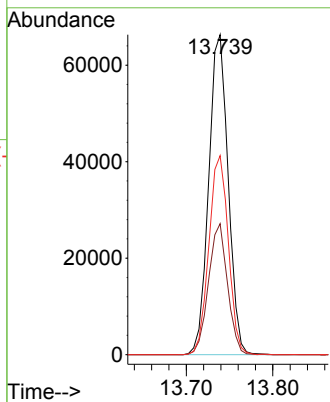
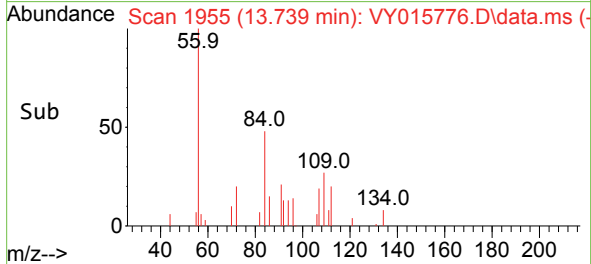


#91
1,2-Dichlorobenzene
Concen: 20.811 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35

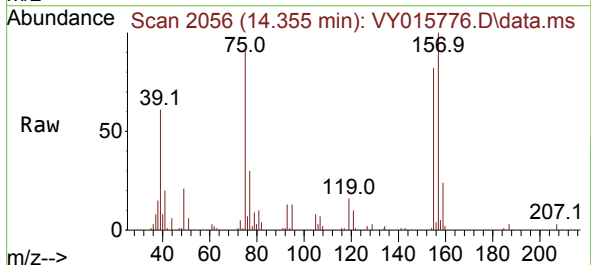
Instrument :
MSVOA_Y
ClientSampleId :



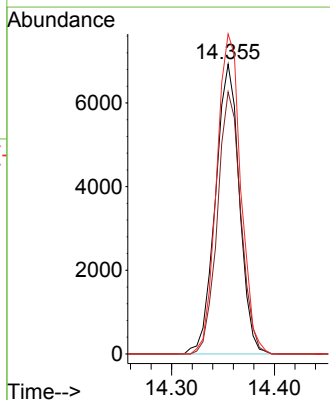
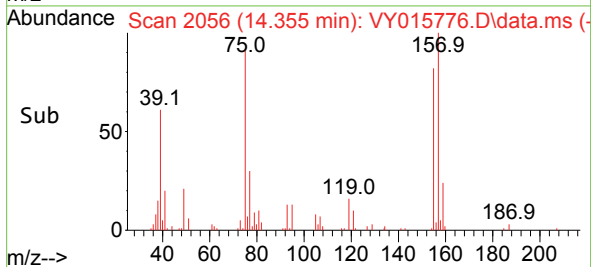
Tgt Ion:146 Resp: 103277
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 62.4 32.0 96.2

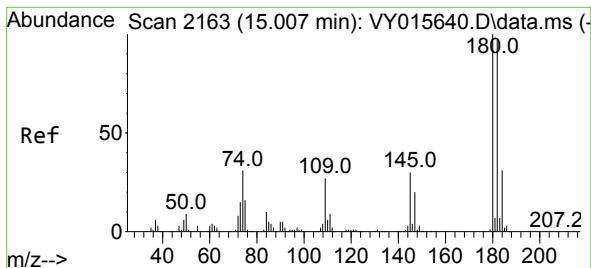


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.373 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015776.D
Acq: 02 Oct 2023 14:35



Tgt Ion: 75 Resp: 11211
Ion Ratio Lower Upper
75 100
155 87.8 41.5 124.6
157 111.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.779 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

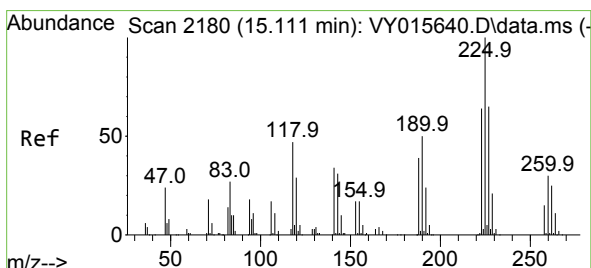
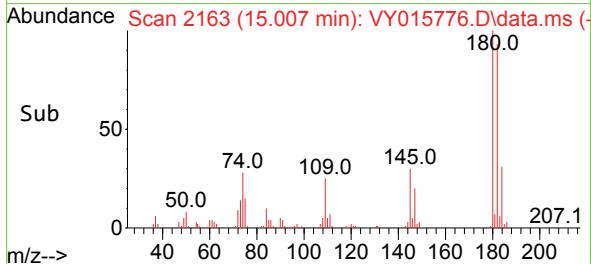
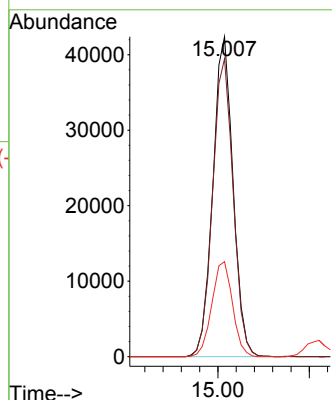
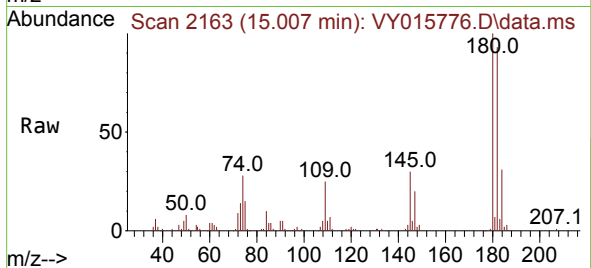
Tgt Ion:180 Resp: 64916

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.726 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

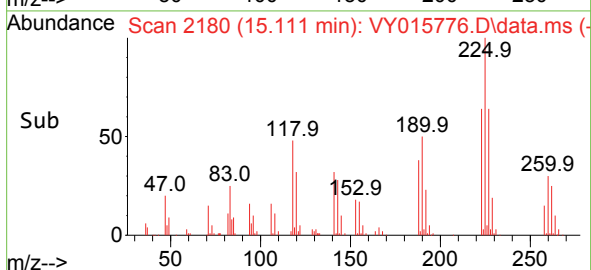
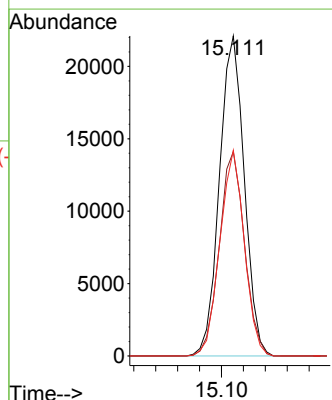
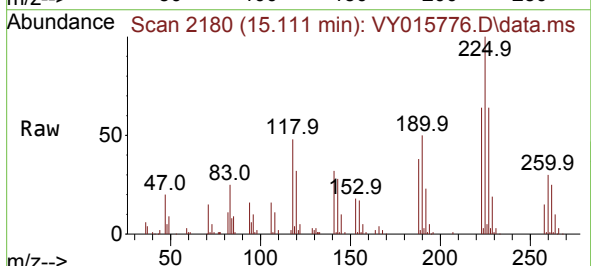
Tgt Ion:225 Resp: 34759

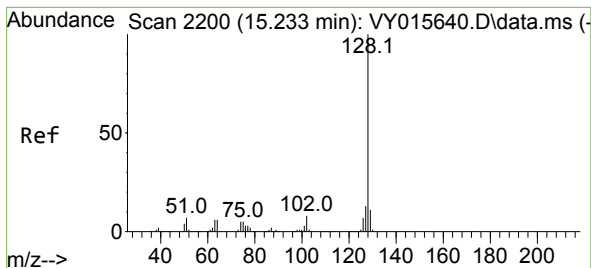
Ion Ratio Lower Upper

225 100

223 64.8 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 19.207 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY015776.D

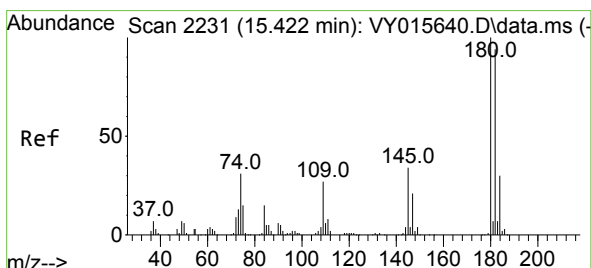
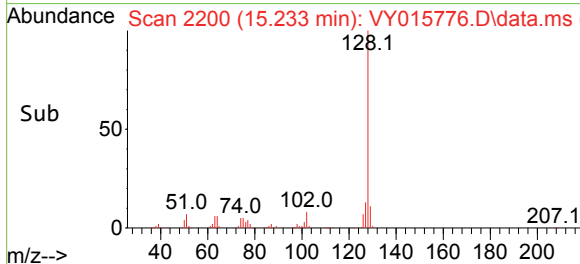
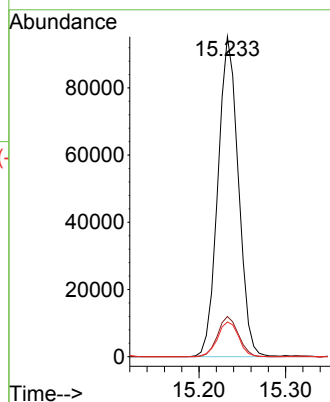
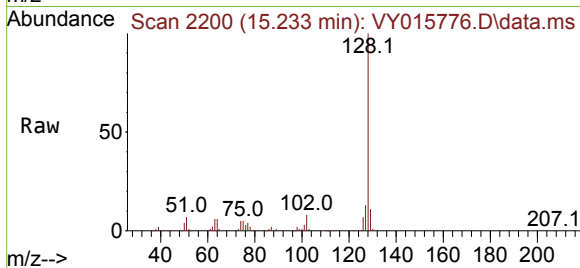
Acq: 02 Oct 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 156472
Ion Ratio	Lower Upper
128	100
127	12.8 10.8 16.2
129	11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.429 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015776.D

Acq: 02 Oct 2023 14:35

Tgt Ion:180	Resp: 58909
Ion Ratio	Lower Upper
180	100
182	94.8 47.3 141.8
145	32.0 15.4 46.2

