

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
 Data File : VY015758.D
 Acq On : 29 Sep 2023 16:56
 Operator : SY/MD
 Sample : VY0929SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 01:13:40 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	7.795	168	163561	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	276456	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	256966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	129699	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78828	43.802	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.600%
35) Dibromofluoromethane	7.728	113	72024	43.527	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.060%
50) Toluene-d8	10.185	98	250904	44.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.440%
62) 4-Bromofluorobenzene	12.489	95	92938	42.211	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	17247	15.997	ug/l	92
3) Chloromethane	2.113	50	21351	15.698	ug/l	98
4) Vinyl Chloride	2.253	62	25344	16.297	ug/l	95
5) Bromomethane	2.656	94	19554	15.034	ug/l	98
6) Chloroethane	2.796	64	18387	15.952	ug/l	99
7) Trichlorofluoromethane	3.125	101	46356	17.774	ug/l	96
8) Diethyl Ether	3.540	74	19957	17.944	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	30093	18.428	ug/l	92
10) Methyl Iodide	4.101	142	26852	15.949	ug/l	96
11) Tert butyl alcohol	5.027	59	41437	76.739	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	23656	16.440	ug/l	93
13) Acrolein	3.747	56	16525	59.958	ug/l	98
14) Allyl chloride	4.491	41	46236	17.574	ug/l	93
15) Acrylonitrile	5.180	53	86047	105.463	ug/l	96
16) Acetone	3.973	43	116519	120.986	ug/l	92
17) Carbon Disulfide	4.198	76	34520	12.349	ug/l	98
18) Methyl Acetate	4.497	43	64384	19.925	ug/l	95
19) Methyl tert-butyl Ether	5.241	73	114176	19.482	ug/l	98
20) Methylene Chloride	4.722	84	51529	21.691	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	27919	16.975	ug/l	93
22) Diisopropyl ether	6.131	45	119455	18.867	ug/l	97
23) Vinyl Acetate	6.070	43	378198	96.774	ug/l	96
24) 1,1-Dichloroethane	6.027	63	62698	18.168	ug/l	96
25) 2-Butanone	7.003	43	149141	109.559	ug/l	96
26) 2,2-Dichloropropane	6.990	77	53337	16.909	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	39529	18.104	ug/l	94
28) Bromochloromethane	7.350	49	21772	23.253	ug/l	96
29) Tetrahydrofuran	7.368	42	80419	104.520	ug/l	93
30) Chloroform	7.515	83	70452	19.063	ug/l	99
31) Cyclohexane	7.795	56	39474	15.834	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	56684	18.579	ug/l	99
36) 1,1-Dichloropropene	7.923	75	40374	16.502	ug/l	98
37) Ethyl Acetate	7.088	43	51984	21.302	ug/l	96
38) Carbon Tetrachloride	7.911	117	47679	17.954	ug/l	96
39) Methylcyclohexane	9.191	83	43164	15.951	ug/l	96
40) Benzene	8.167	78	133414	17.882	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	23363	17.780	ug/l	95
42) 1,2-Dichloroethane	8.246	62	48407	18.944	ug/l	93
43) Isopropyl Acetate	8.283	43	84488	20.268	ug/l	99
44) Trichloroethene	8.947	130	38718	18.580	ug/l	97
45) 1,2-Dichloropropane	9.222	63	38877	18.685	ug/l	97
46) Dibromomethane	9.313	93	25471	19.138	ug/l	94
47) Bromodichloromethane	9.502	83	57619	19.423	ug/l	100
48) Methyl methacrylate	9.301	41	36103	19.731	ug/l	90
49) 1,4-Dioxane	9.331	88	12259	466.236	ug/l #	50
51) 4-Methyl-2-Pentanone	10.075	43	282964	109.516	ug/l	94
52) Toluene	10.252	92	86920	18.071	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	59331	18.650	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	63563	18.562	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	39915	20.465	ug/l	96
56) Ethyl methacrylate	10.514	69	56460	19.643	ug/l	88
57) 1,3-Dichloropropane	10.795	76	63742	19.488	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	66620	72.967	ug/l	96
59) 2-Hexanone	10.837	43	230872	116.467	ug/l	92
60) Dibromochloromethane	10.990	129	44749	19.654	ug/l	99
61) 1,2-Dibromoethane	11.093	107	37275	19.535	ug/l	99
64) Tetrachloroethene	10.727	164	42159	19.122	ug/l	96
65) Chlorobenzene	11.526	112	104357	18.605	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	41508	19.051	ug/l	98
67) Ethyl Benzene	11.599	91	177537	18.109	ug/l	100
68) m/p-Xylenes	11.709	106	135149	36.268	ug/l	97
69) o-Xylene	12.038	106	66457	18.188	ug/l	100
70) Styrene	12.050	104	119263	19.068	ug/l	96
71) Bromoform	12.215	173	32055	20.303	ug/l #	98
73) Isopropylbenzene	12.337	105	180570	18.559	ug/l	99
74) N-amyl acetate	12.148	43	73573	20.119	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	54397	20.089	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	72117	34.854	ug/l #	100
77) Bromobenzene	12.617	156	44115	18.471	ug/l	90
78) n-propylbenzene	12.678	91	221230	18.716	ug/l	100
79) 2-Chlorotoluene	12.764	91	125615	18.644	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	151720	18.627	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	18607	20.251	ug/l	94
82) 4-Chlorotoluene	12.861	91	134401	19.108	ug/l	99
83) tert-Butylbenzene	13.081	119	135348	18.972	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	154522	18.960	ug/l	98
85) sec-Butylbenzene	13.258	105	203552	19.066	ug/l	99
86) p-Isopropyltoluene	13.373	119	170227	19.088	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	91242	19.257	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	92231	19.463	ug/l	98
89) n-Butylbenzene	13.703	91	161635	19.140	ug/l	97
90) Hexachloroethane	13.965	117	32857	19.090	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	85128	19.463	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11207	20.839	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	54445	19.773	ug/l	97
94) Hexachlorobutadiene	15.117	225	28257	20.039	ug/l	98
95) Naphthalene	15.239	128	146522	20.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	51488	20.259	ug/l	99

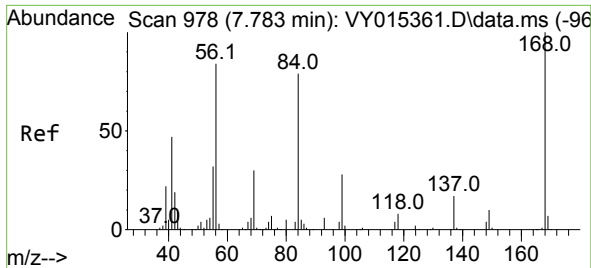
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
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Response via : Initial Calibration

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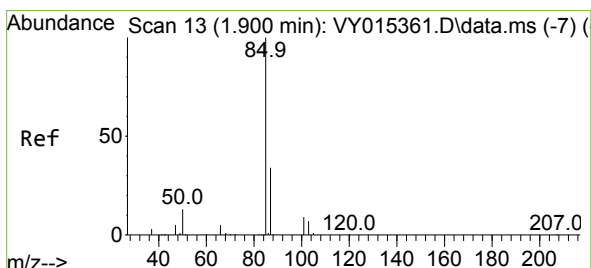
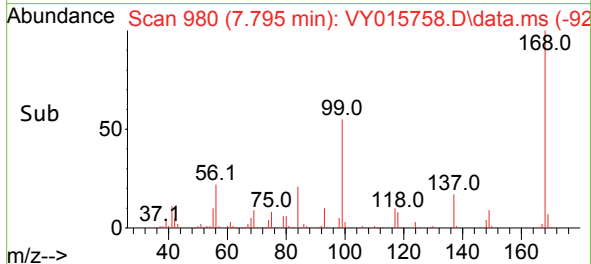
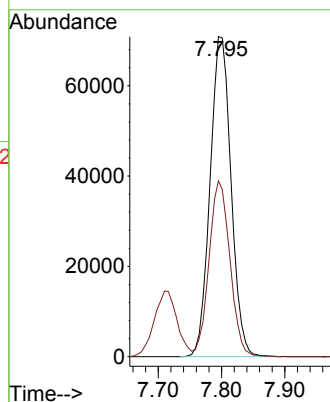
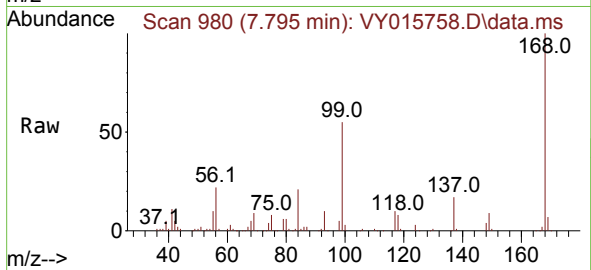
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

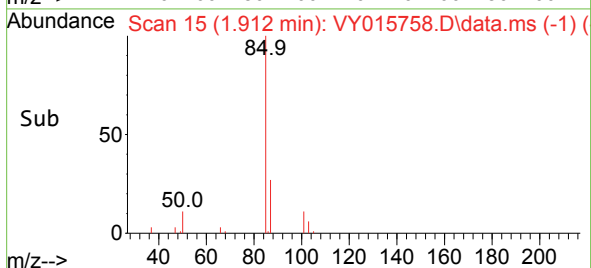
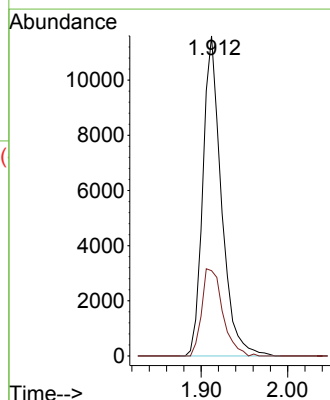
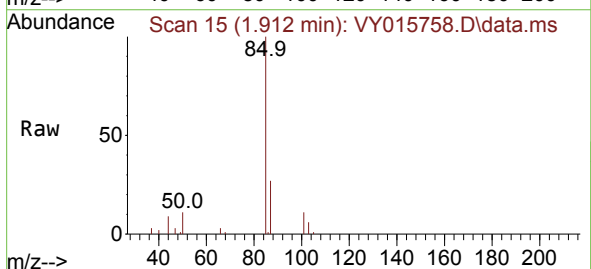
Instrument :
MSVOA_Y
ClientSampleId :

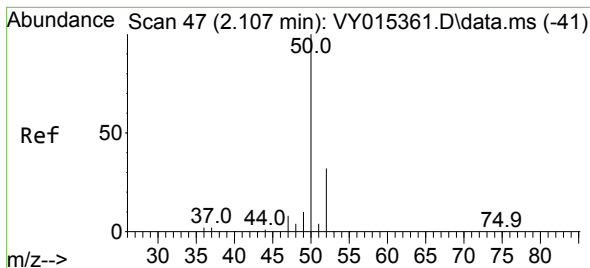
Tgt Ion:168 Resp: 163561
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 15.997 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 85 Resp: 17247
Ion Ratio Lower Upper
85 100
87 26.6 15.6 46.8





#3

Chloromethane

Concen: 15.698 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

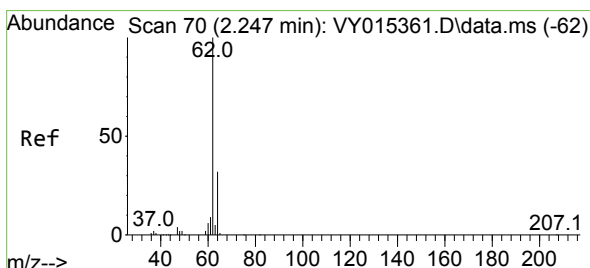
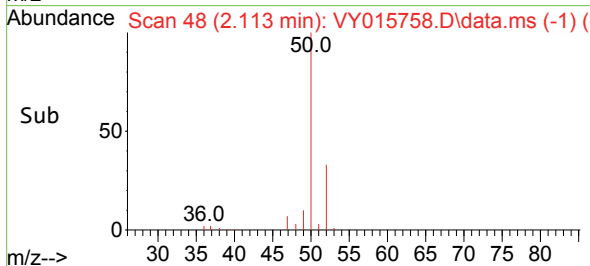
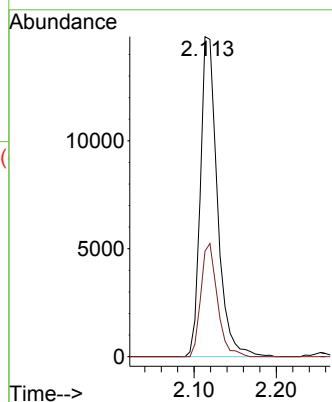
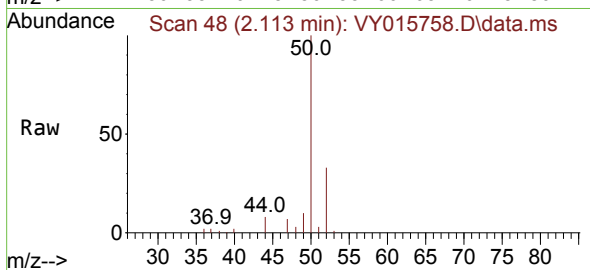
ClientSampleId :

Tgt Ion: 50 Resp: 21351

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



#4

Vinyl Chloride

Concen: 16.297 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015758.D

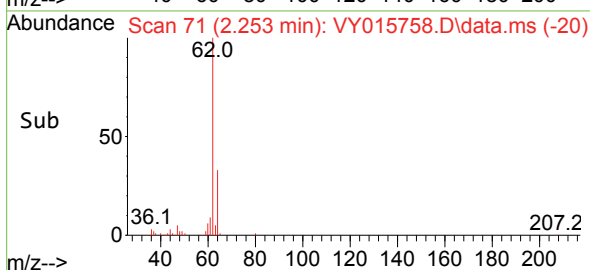
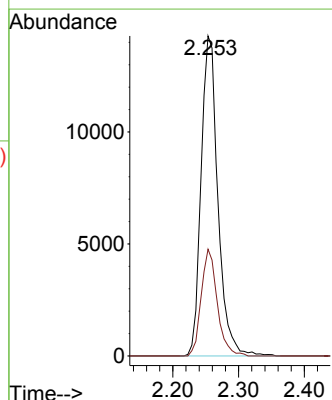
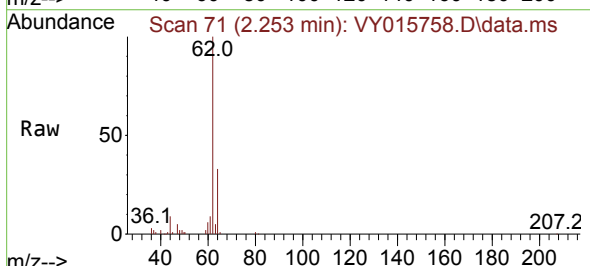
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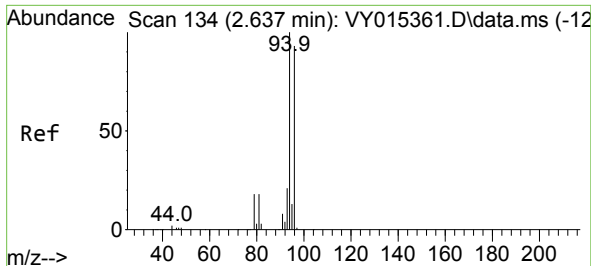
Tgt Ion: 62 Resp: 25344

Ion Ratio Lower Upper

62 100

64 33.4 24.3 36.5





#5

Bromomethane

Concen: 15.034 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

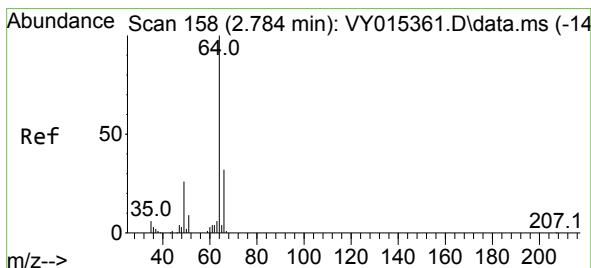
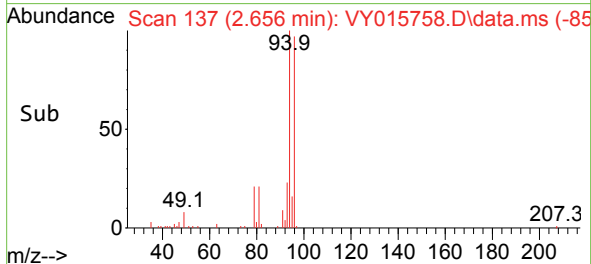
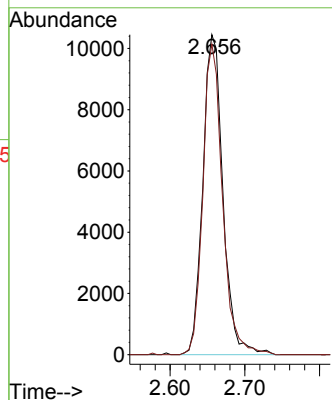
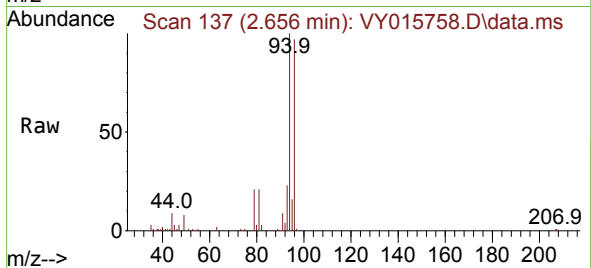
ClientSampleId :

Tgt Ion: 94 Resp: 19554

Ion Ratio Lower Upper

94 100

96 97.0 75.8 113.6



#6

Chloroethane

Concen: 15.952 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.012 min

Lab File: VY015758.D

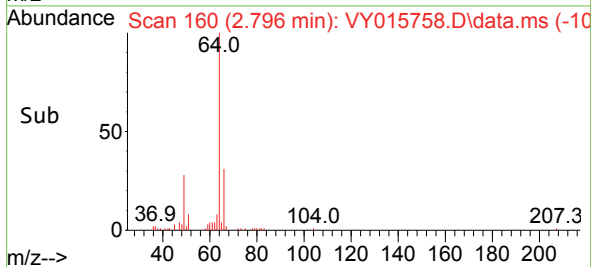
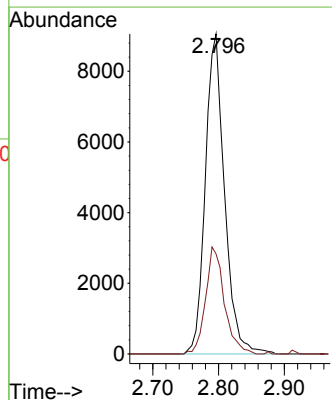
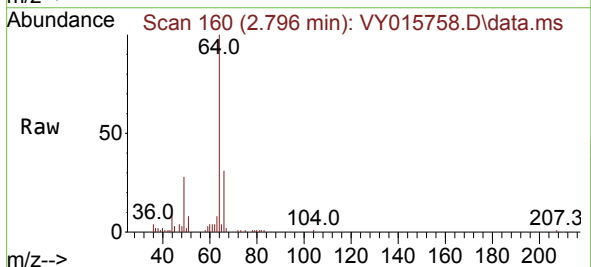
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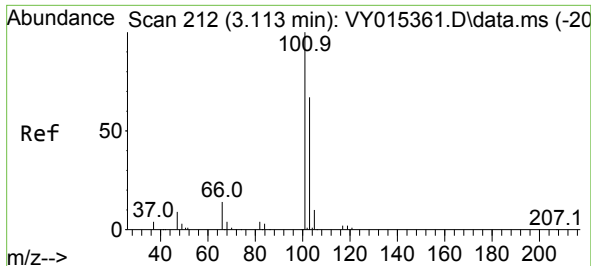
Tgt Ion: 64 Resp: 18387

Ion Ratio Lower Upper

64 100

66 31.3 24.4 36.6

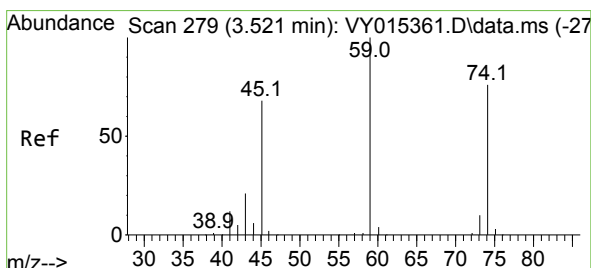
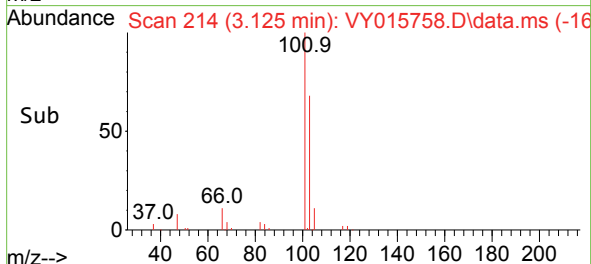
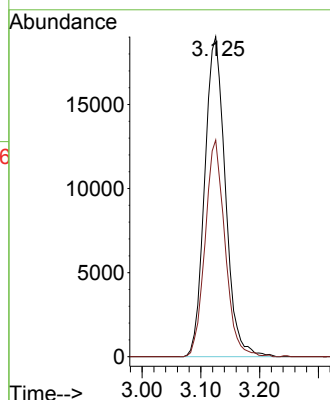
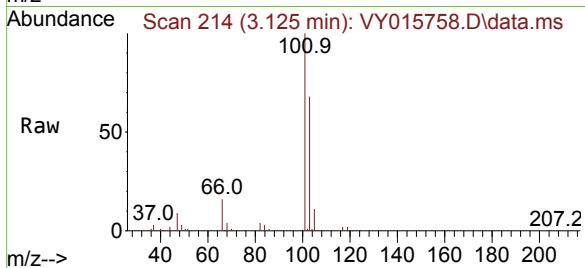




#7
Trichlorofluoromethane
Concen: 17.774 ug/l
RT: 3.125 min Scan# 212
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

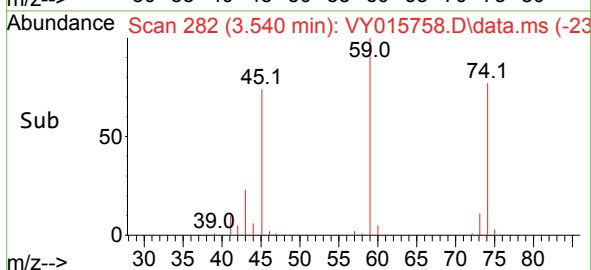
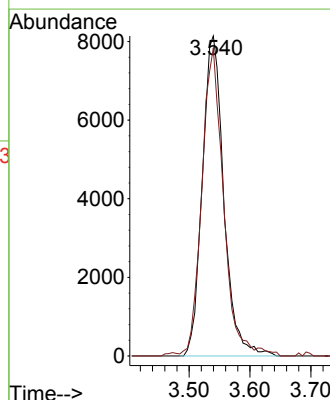
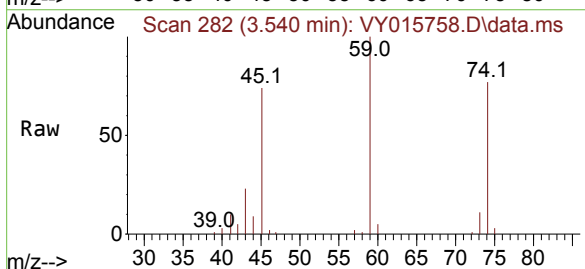
Instrument :
MSVOA_Y
ClientSampleId :

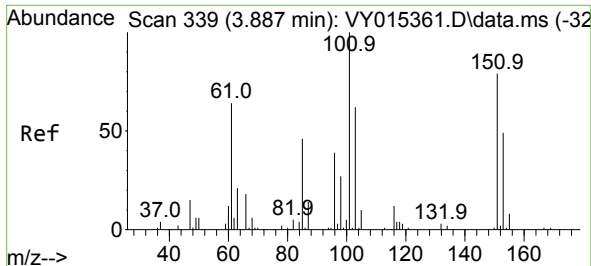
Tgt Ion:101 Resp: 46356
Ion Ratio Lower Upper
101 100
103 67.7 51.4 77.0



#8
Diethyl Ether
Concen: 17.944 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.019 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 74 Resp: 19957
Ion Ratio Lower Upper
74 100
45 97.8 51.5 154.5

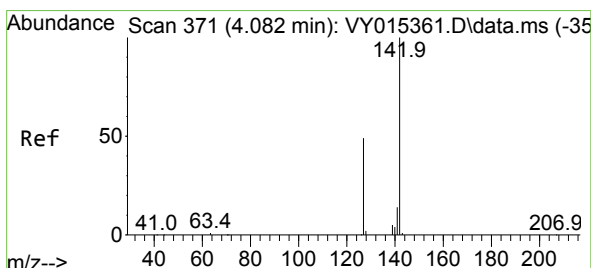
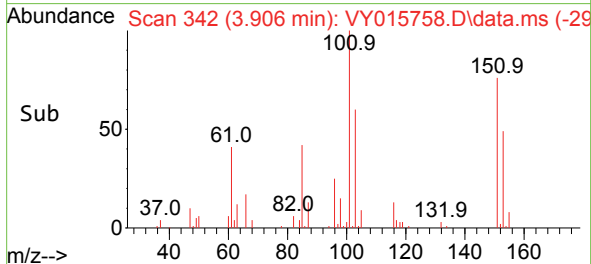
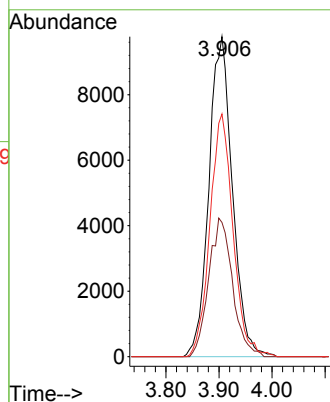
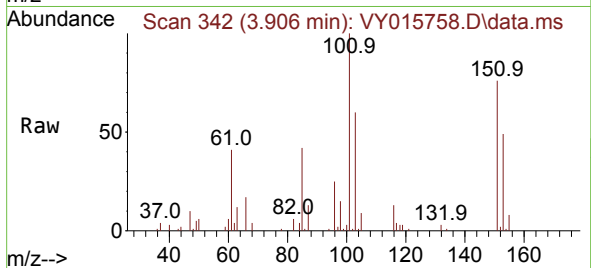




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.428 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

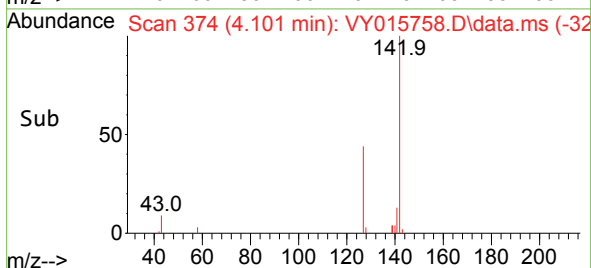
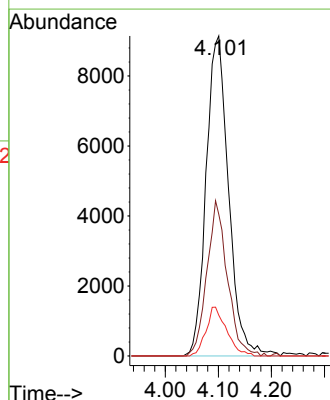
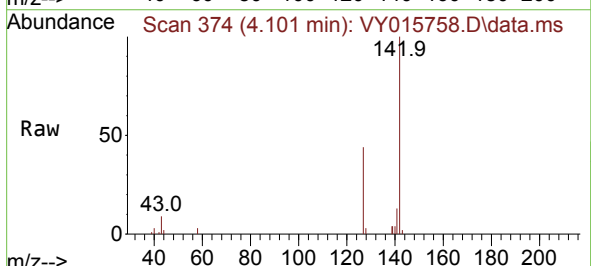
Instrument :
MSVOA_Y
ClientSampleId :

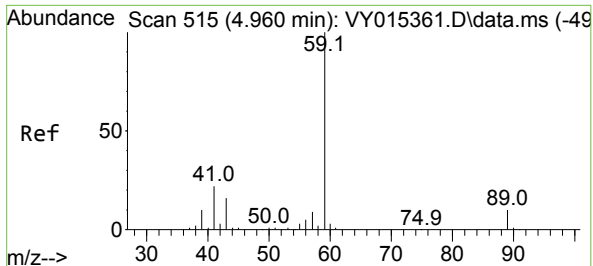
Tgt Ion:101 Resp: 30093
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 74.6 67.0 100.6



#10
Methyl Iodide
Concen: 15.949 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion:142 Resp: 26852
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.0 11.8 17.8





#11

Tert butyl alcohol

Concen: 76.739 ug/l

RT: 5.027 min Scan# 51

Delta R.T. 0.073 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

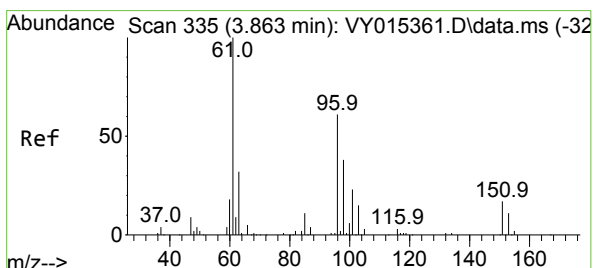
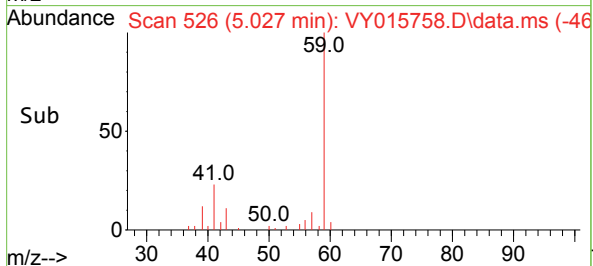
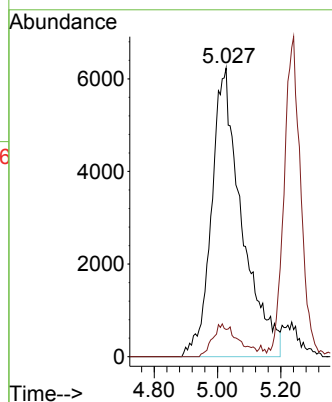
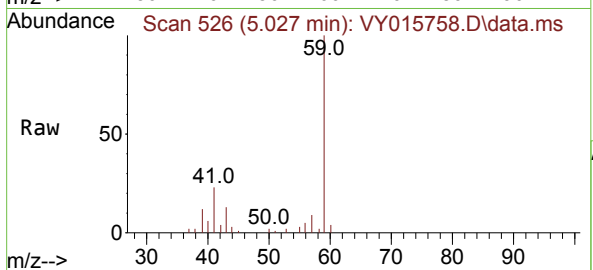
ClientSampleId :

Tgt Ion: 59 Resp: 41437

Ion Ratio Lower Upper

59 100

57 9.5 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 16.440 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

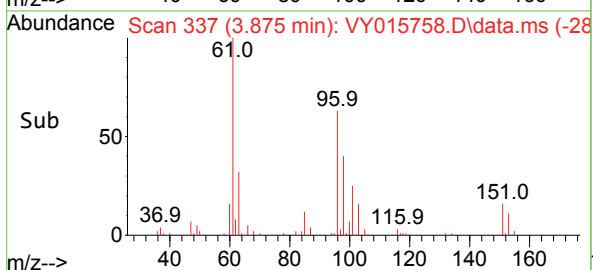
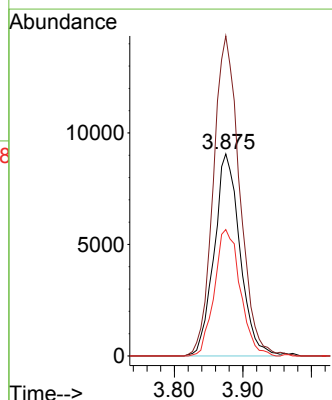
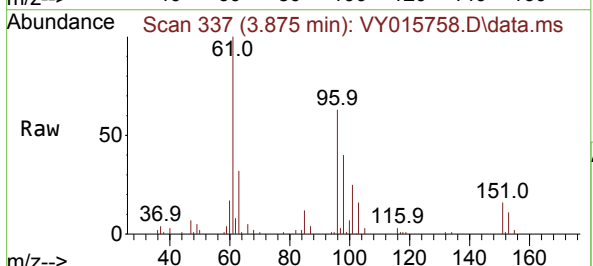
Tgt Ion: 96 Resp: 23656

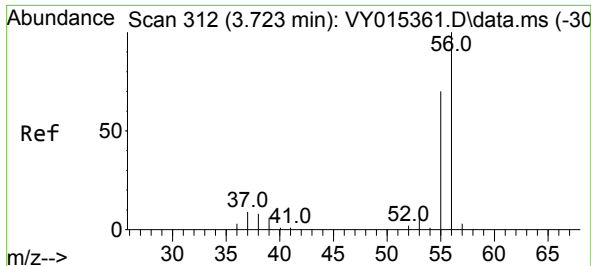
Ion Ratio Lower Upper

96 100

61 158.3 136.4 204.6

98 62.5 49.4 74.2





#13

Acrolein

Concen: 59.958 ug/l

RT: 3.747 min Scan# 312

Delta R.T. 0.024 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

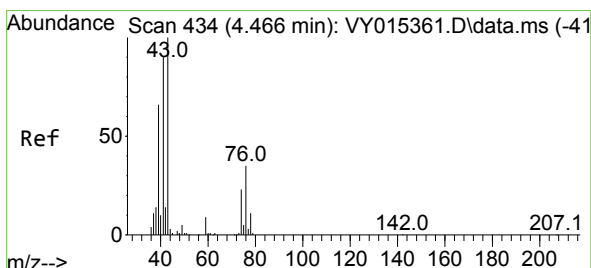
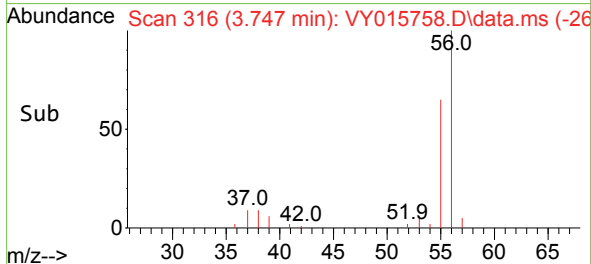
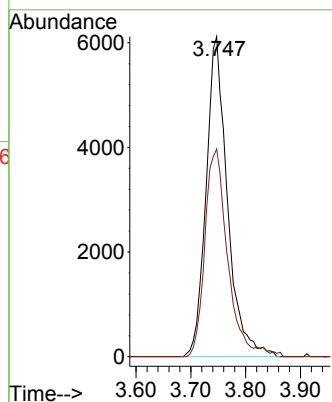
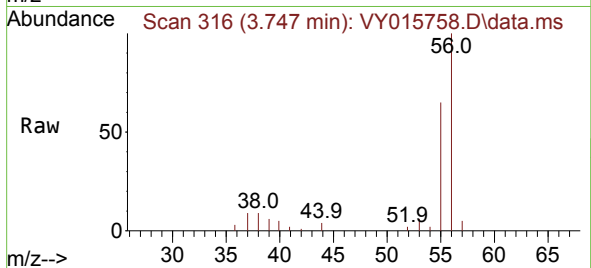
ClientSampleId :

Tgt Ion: 56 Resp: 16525

Ion Ratio Lower Upper

56 100

55 69.5 57.0 85.4



#14

Allyl chloride

Concen: 17.574 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.019 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

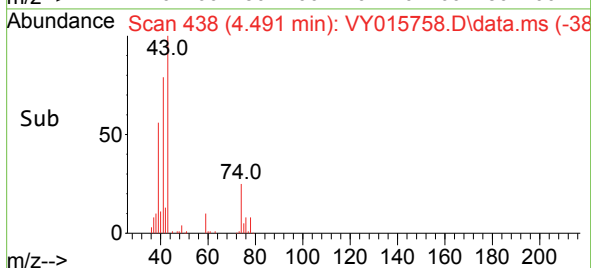
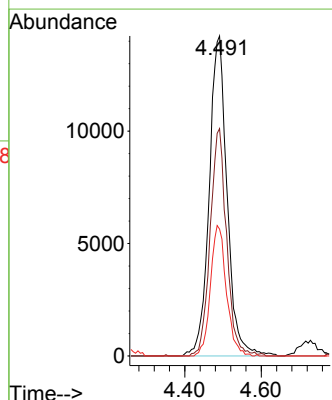
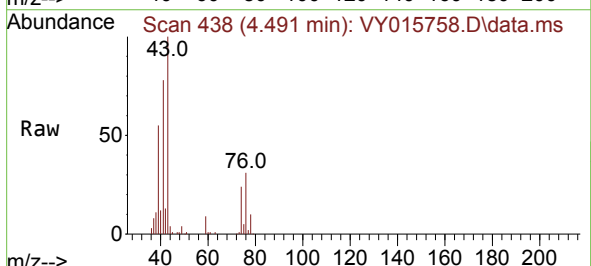
Tgt Ion: 41 Resp: 46236

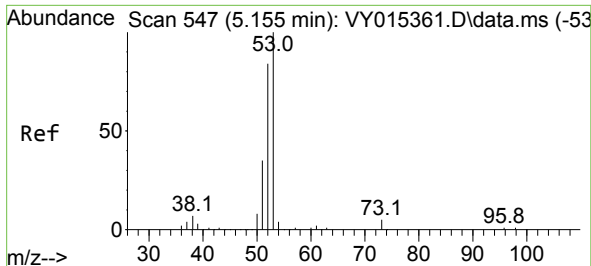
Ion Ratio Lower Upper

41 100

39 65.3 58.0 87.0

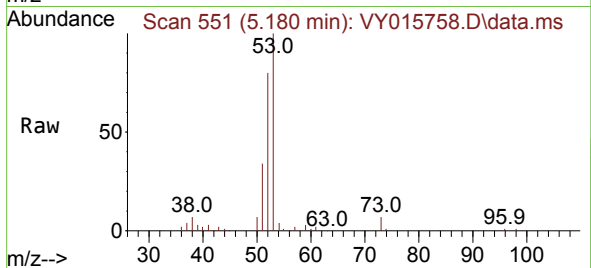
76 36.3 27.4 41.2



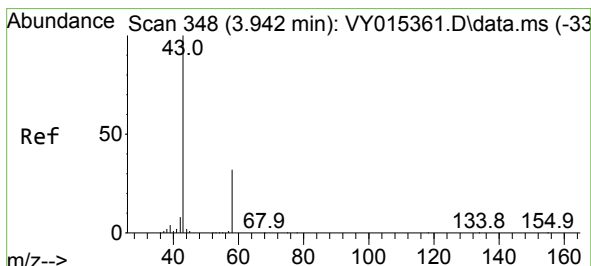
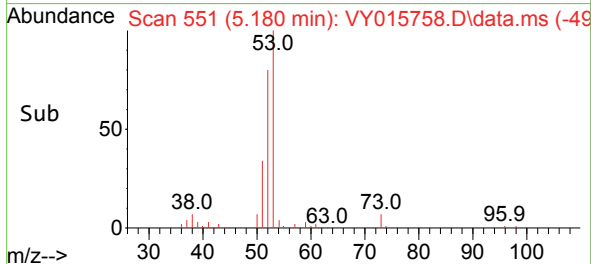
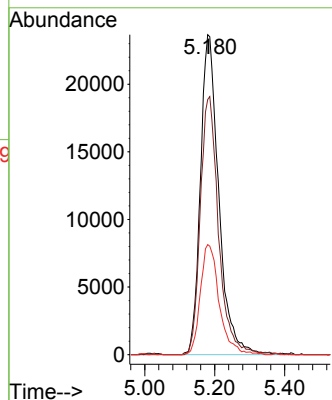


#15
Acrylonitrile
Concen: 105.463 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :

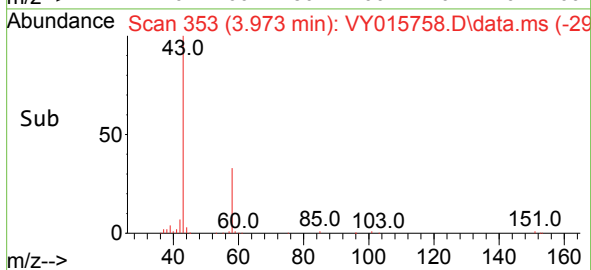
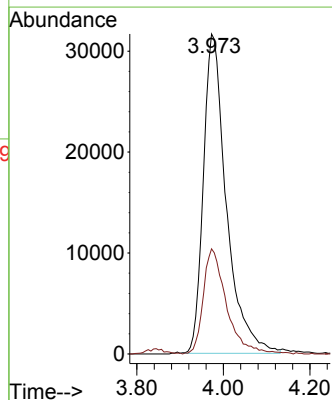
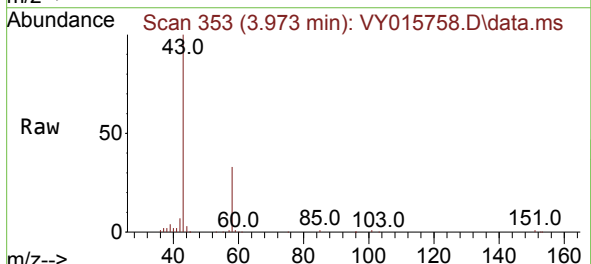


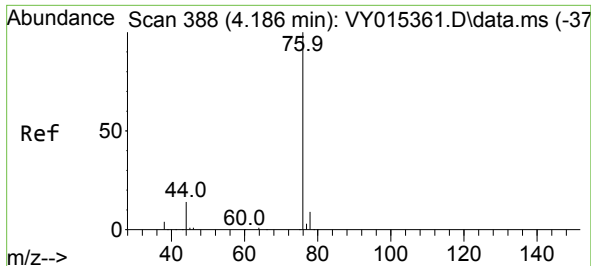
Tgt Ion: 53 Resp: 86047
Ion Ratio Lower Upper
53 100
52 80.1 66.9 100.3
51 35.6 29.8 44.6



#16
Acetone
Concen: 120.986 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 43 Resp: 116519
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1





#17

Carbon Disulfide

Concen: 12.349 ug/l

RT: 4.198 min Scan# 34

Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

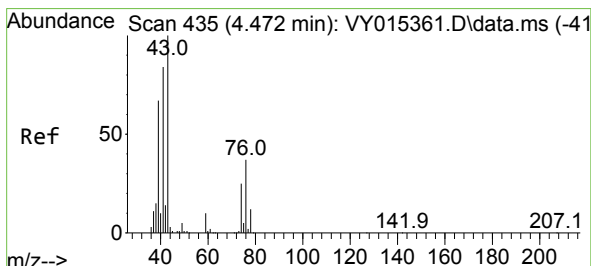
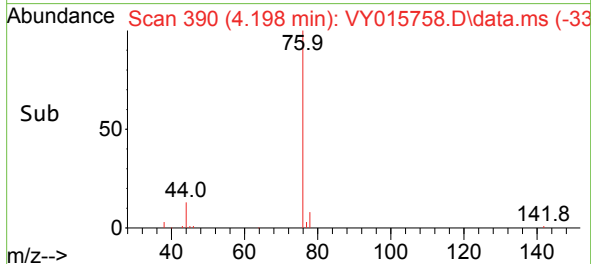
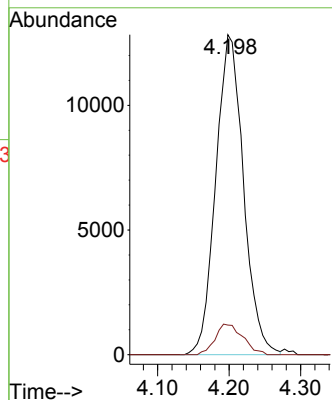
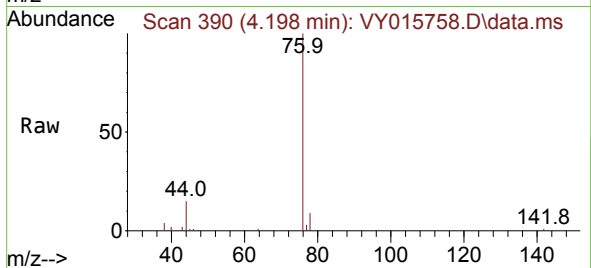
ClientSampleId :

Tgt Ion: 76 Resp: 34520

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 19.925 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.025 min

Lab File: VY015758.D

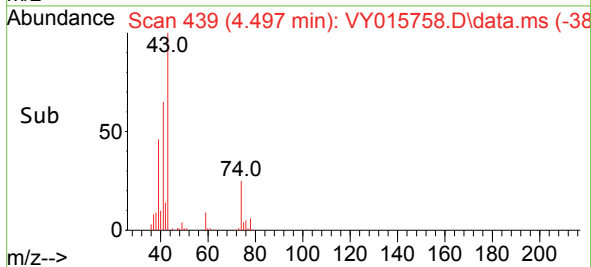
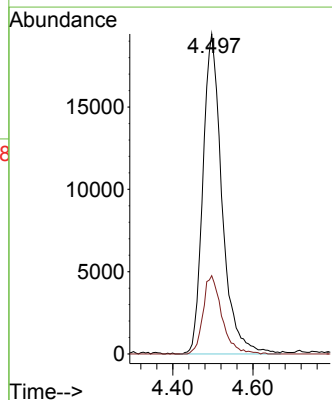
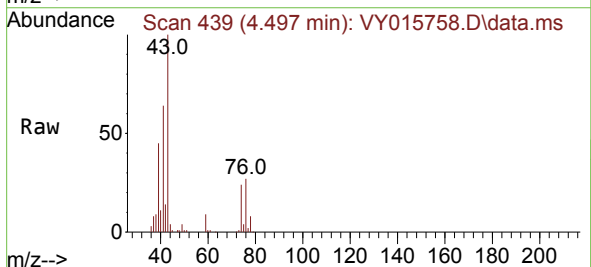
Acq: 29 Sep 2023 16:56

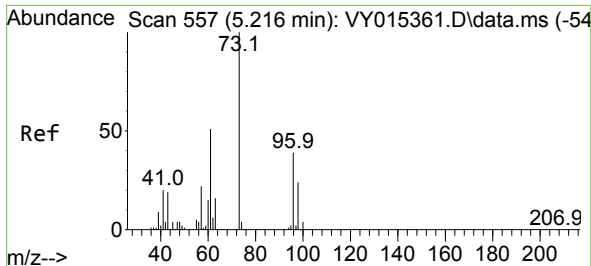
Tgt Ion: 43 Resp: 64384

Ion Ratio Lower Upper

43 100

74 24.0 17.4 26.0

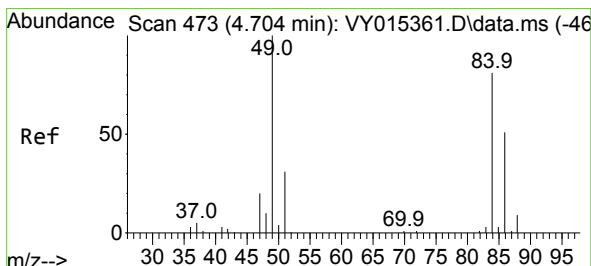
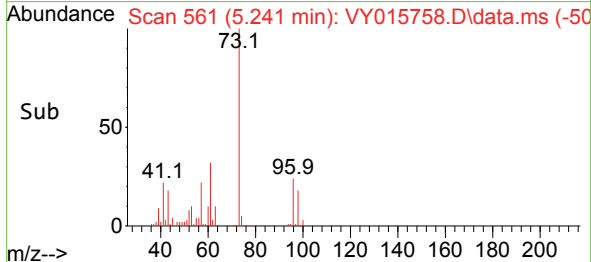
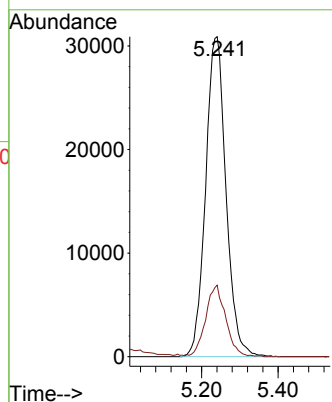
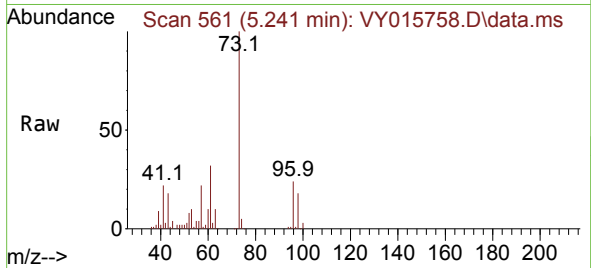




#19
Methyl tert-butyl Ether
Concen: 19.482 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

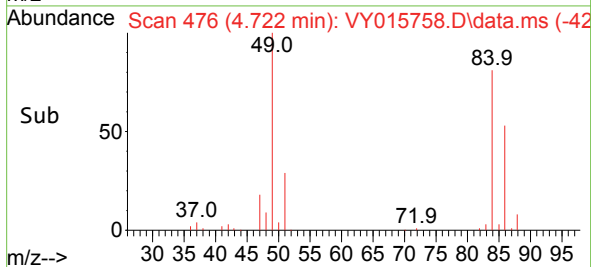
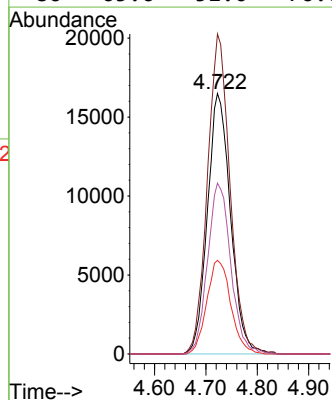
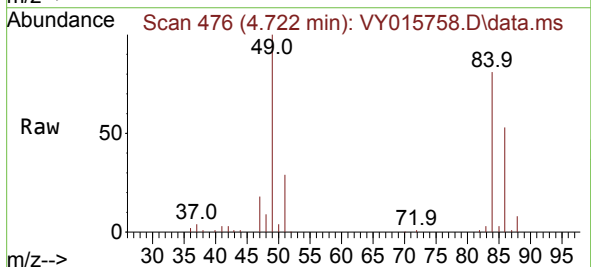
Instrument :
MSVOA_Y
ClientSampleId :

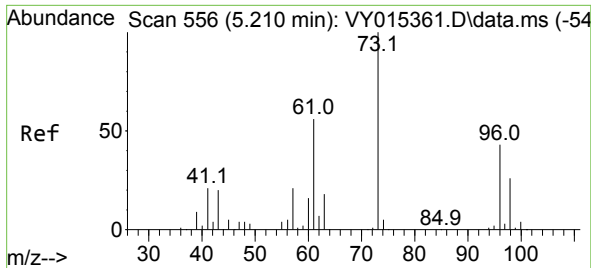
Tgt Ion: 73 Resp: 114176
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 21.691 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 84 Resp: 51529
Ion Ratio Lower Upper
84 100
49 122.8 106.9 160.3
51 35.9 33.2 49.8
86 65.6 51.0 76.6

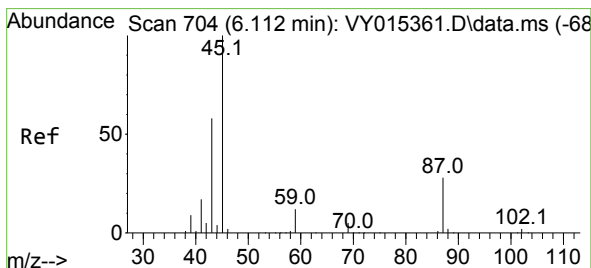
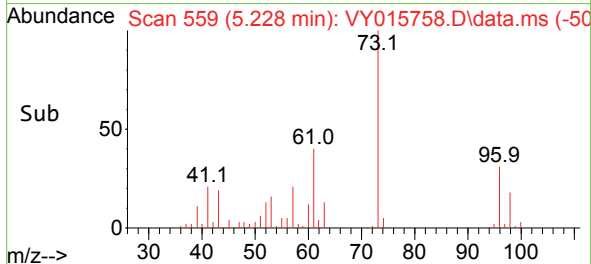
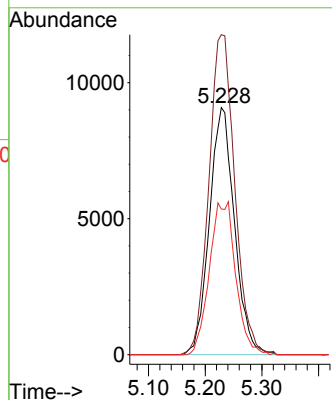
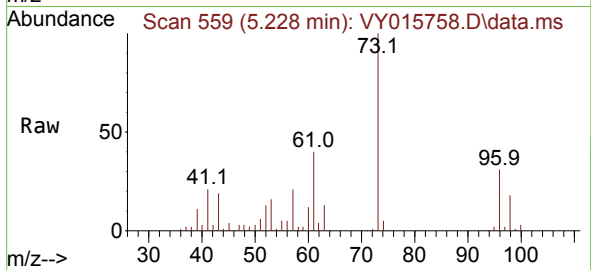




#21
trans-1,2-Dichloroethene
Concen: 16.975 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

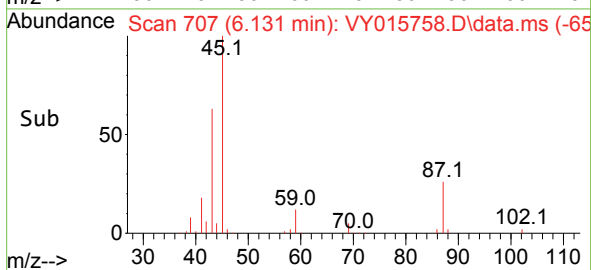
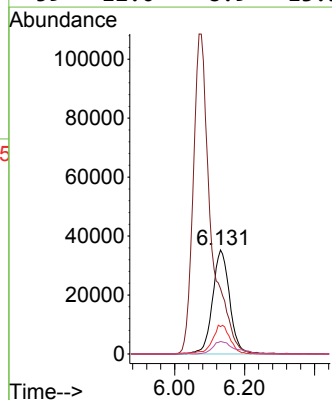
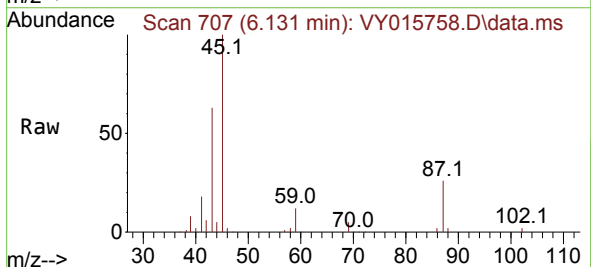
Instrument :
MSVOA_Y
ClientSampleId :

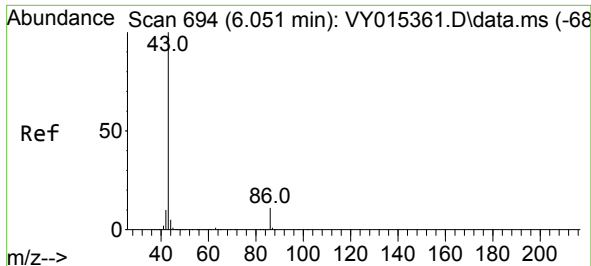
Tgt Ion: 96 Resp: 27919
Ion Ratio Lower Upper
96 100
61 129.6 110.2 165.4
98 59.0 51.8 77.6



#22
Diisopropyl ether
Concen: 18.867 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.019 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 45 Resp: 119455
Ion Ratio Lower Upper
45 100
43 62.4 52.2 78.4
87 26.3 21.0 31.6
59 12.0 8.9 13.3

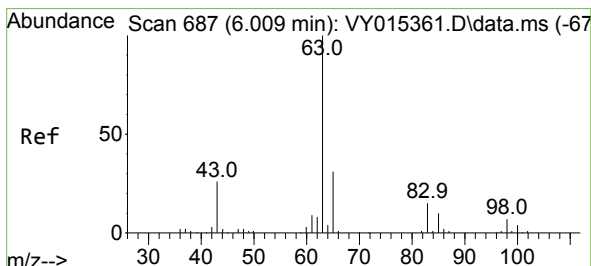
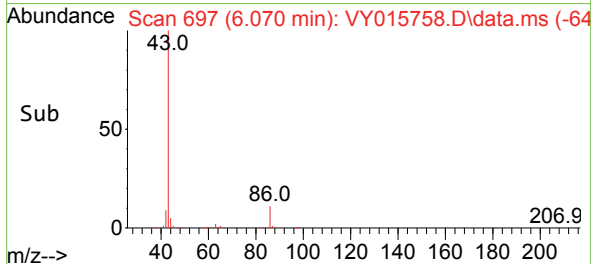
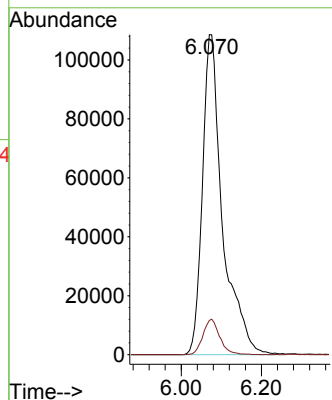
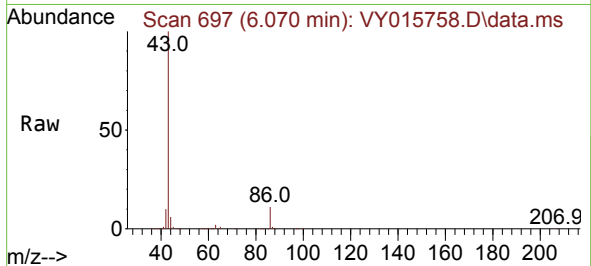




#23
 Vinyl Acetate
 Concen: 96.774 ug/l
 RT: 6.070 min Scan# 694
 Delta R.T. 0.019 min
 Lab File: VY015758.D
 Acq: 29 Sep 2023 16:56

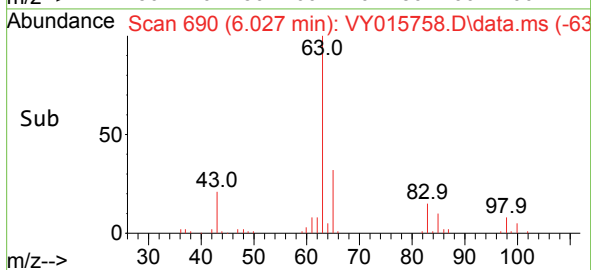
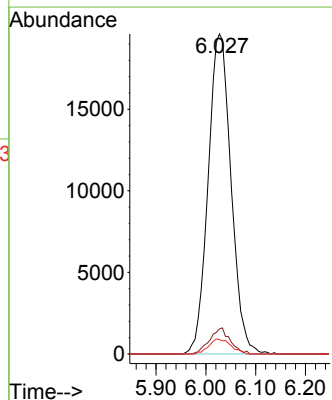
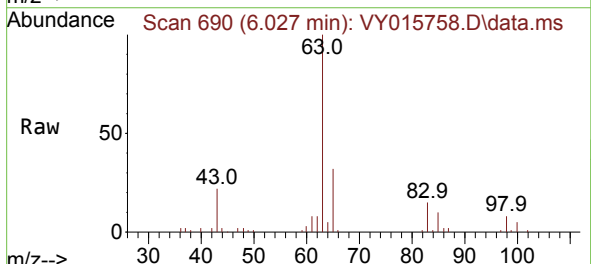
Instrument :
 MSVOA_Y
 ClientSampleId :

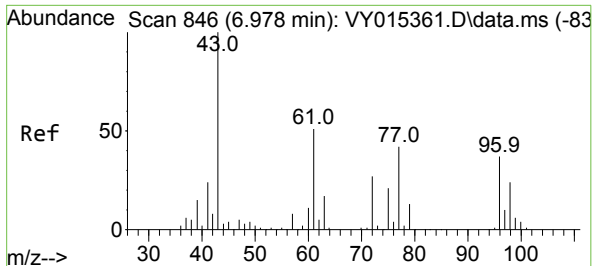
Tgt Ion: 43 Resp: 378198
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 18.168 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015758.D
 Acq: 29 Sep 2023 16:56

Tgt Ion: 63 Resp: 62698
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 109.559 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

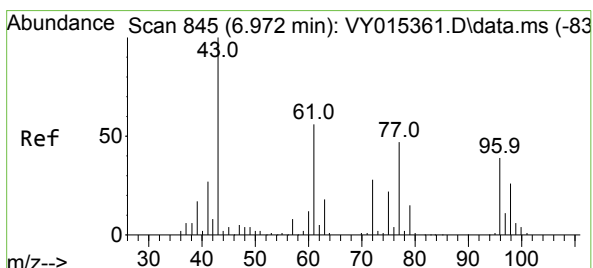
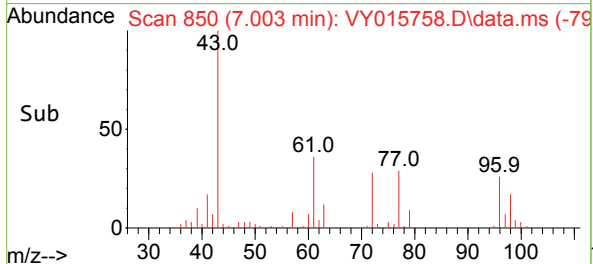
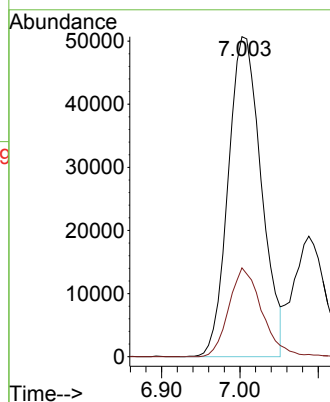
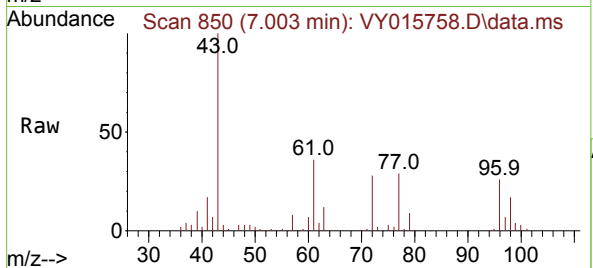
ClientSampleId :

Tgt Ion: 43 Resp: 149141

Ion Ratio Lower Upper

43 100

72 27.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 16.909 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015758.D

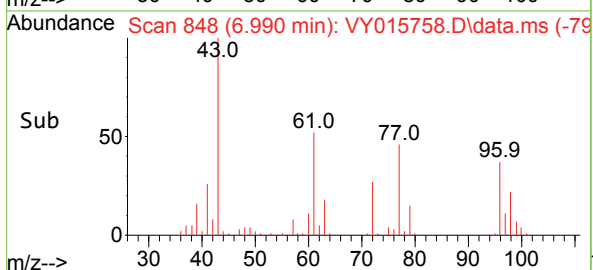
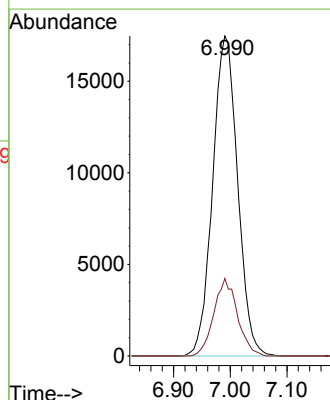
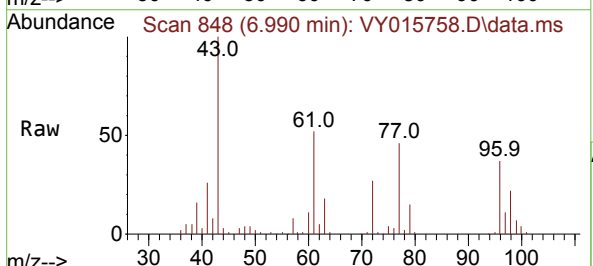
Acq: 29 Sep 2023 16:56

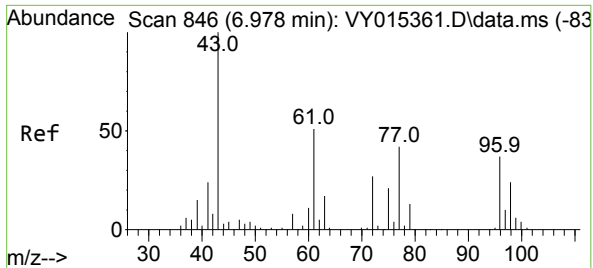
Tgt Ion: 77 Resp: 53337

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.104 ug/l

RT: 6.996 min Scan# 846

Delta R.T. 0.018 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

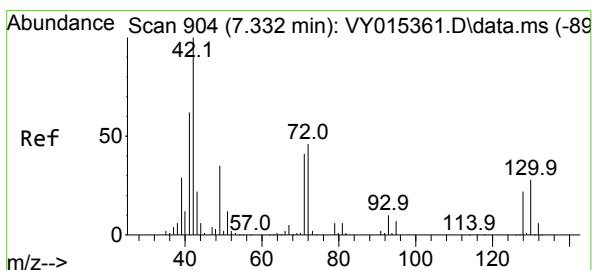
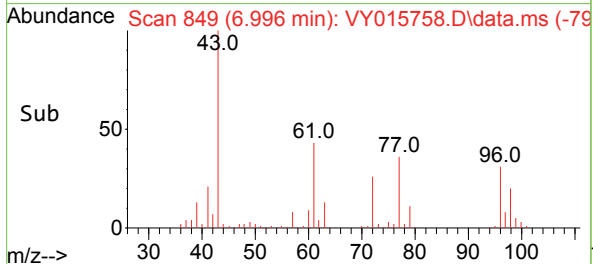
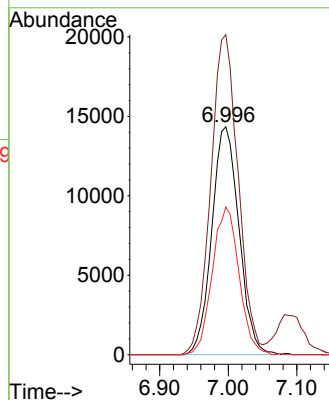
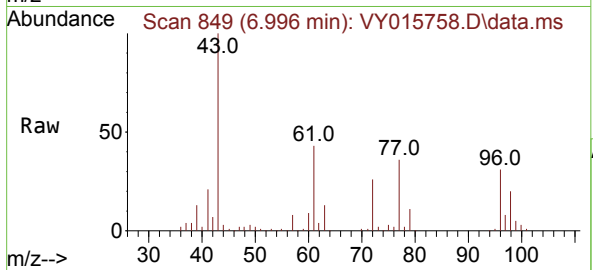
Tgt Ion: 96 Resp: 39529

Ion Ratio Lower Upper

96 100

61 141.8 0.0 301.4

98 63.5 0.0 130.4



#28

Bromochloromethane

Concen: 23.253 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.024 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

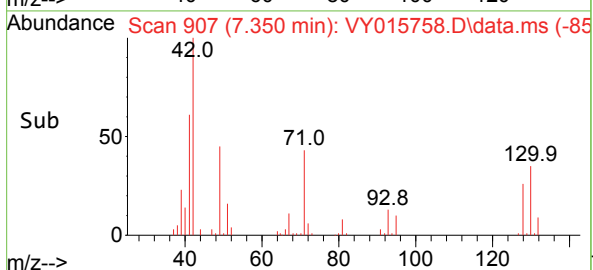
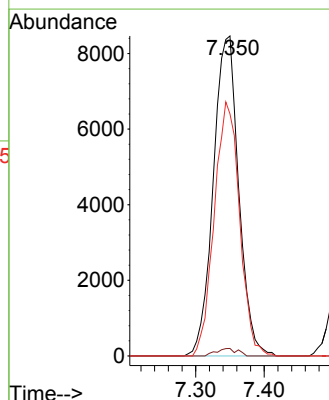
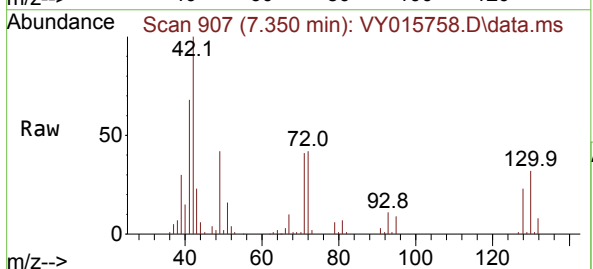
Tgt Ion: 49 Resp: 21772

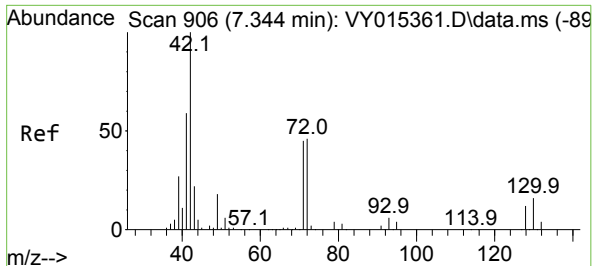
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 79.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.520 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.024 min

Lab File: VY015758.D

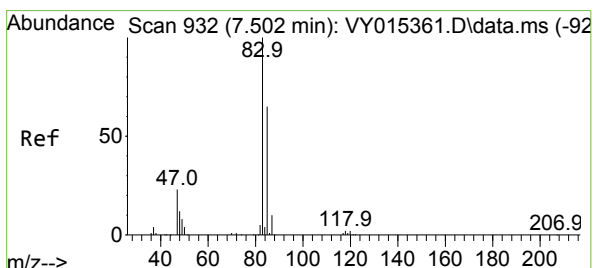
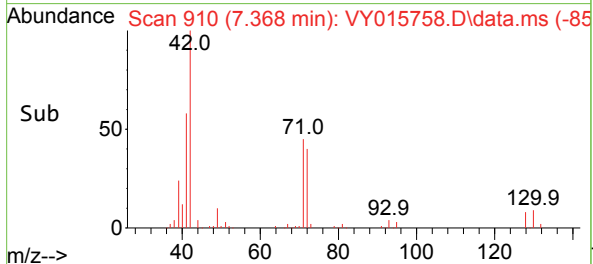
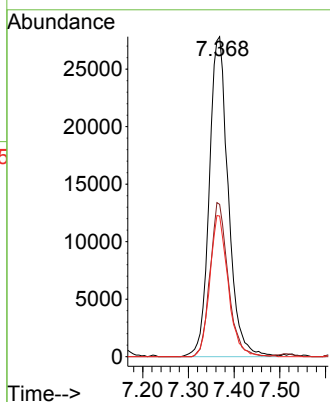
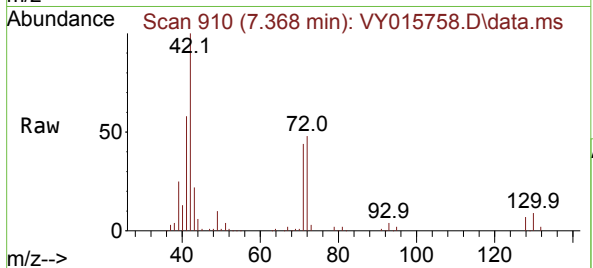
Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	80419
Ion	Ratio	Lower	Upper
42	100		
72	46.0	32.8	49.2
71	42.7	31.0	46.4



#30

Chloroform

Concen: 19.063 ug/l

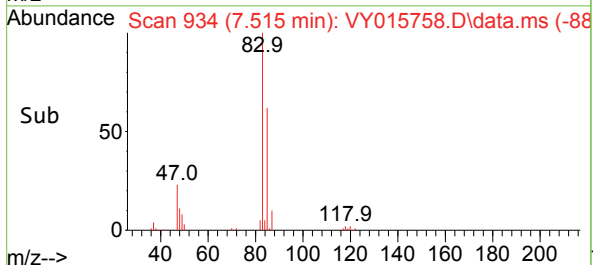
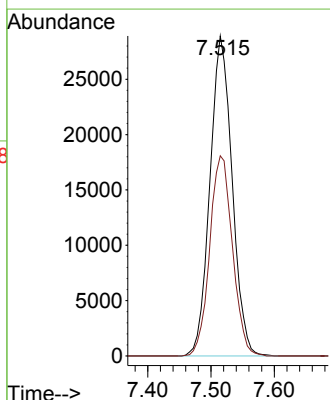
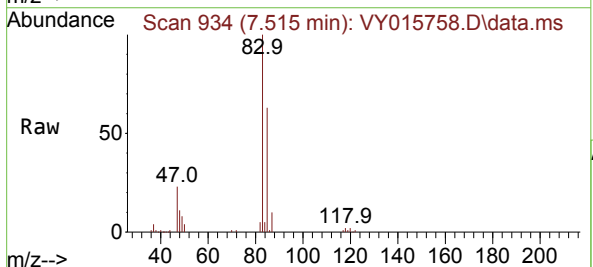
RT: 7.515 min Scan# 934

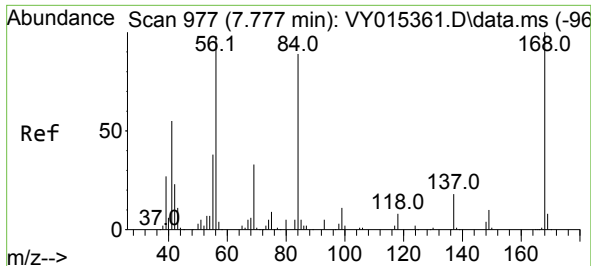
Delta R.T. 0.019 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

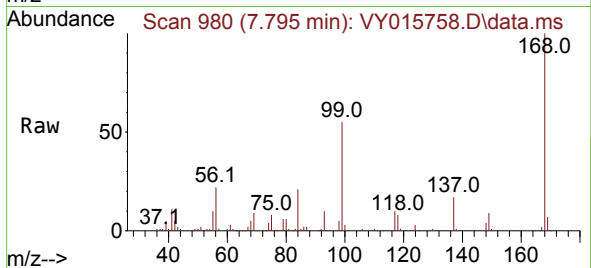
Tgt Ion:	83	Resp:	70452
Ion	Ratio	Lower	Upper
83	100		
85	62.6	49.7	74.5



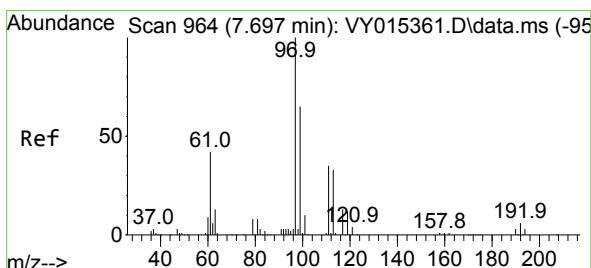
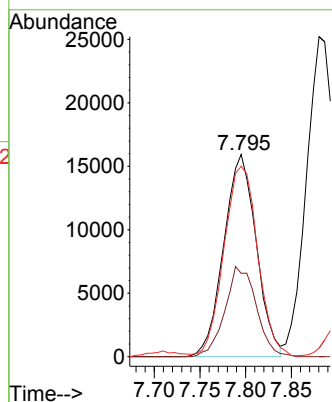
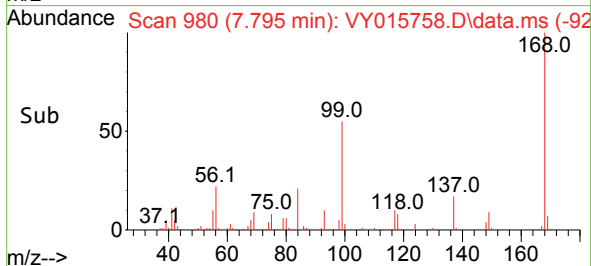


#31
Cyclohexane
Concen: 15.834 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :

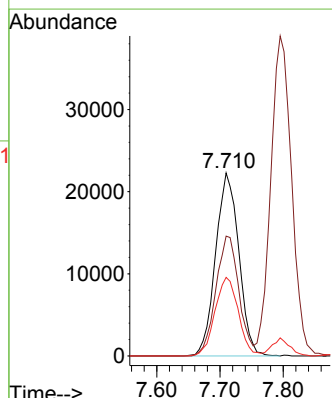
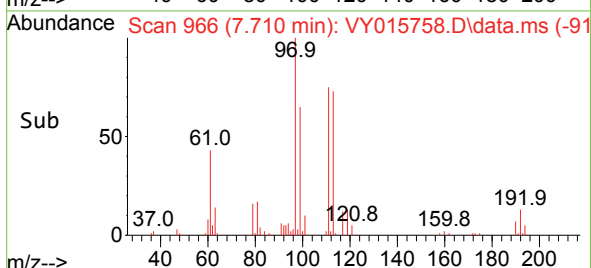
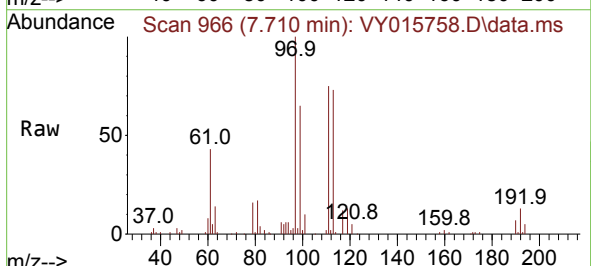


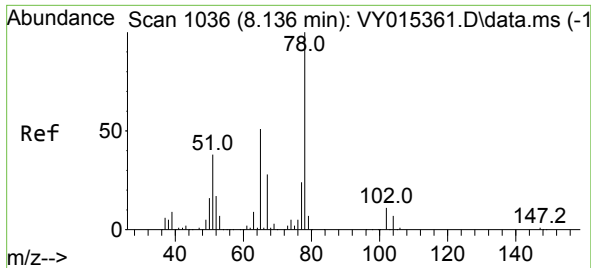
Tgt Ion: 56 Resp: 39474
Ion Ratio Lower Upper
56 100
69 41.2 27.8 41.6
84 92.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 18.579 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 97 Resp: 56684
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 43.3 35.1 52.7

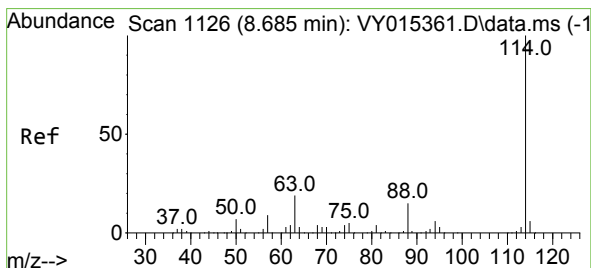
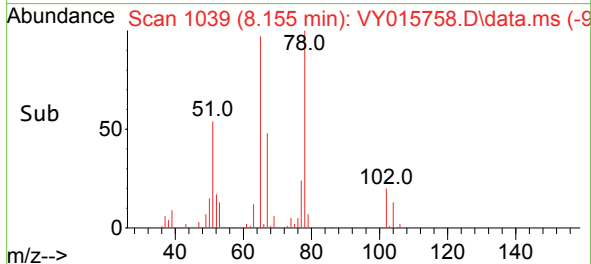
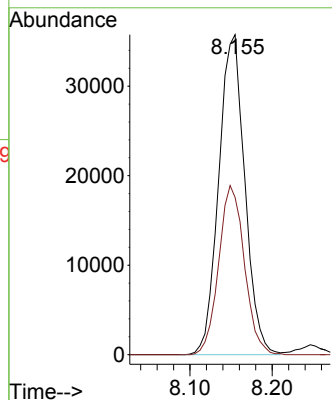
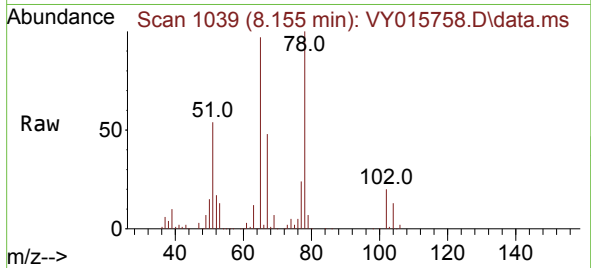




#33
 1,2-Dichloroethane-d4
 Concen: 43.802 ug/l
 RT: 8.155 min Scan# 110
 Delta R.T. 0.019 min
 Lab File: VY015758.D
 Acq: 29 Sep 2023 16:56

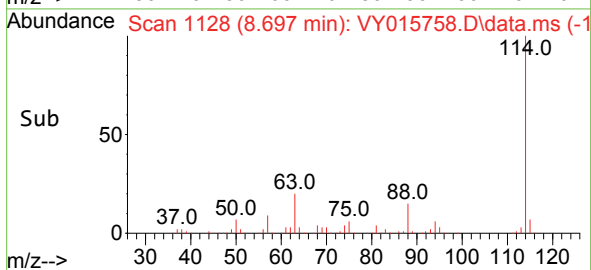
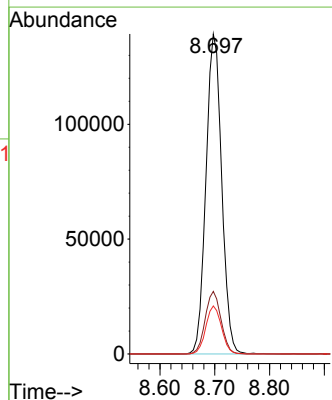
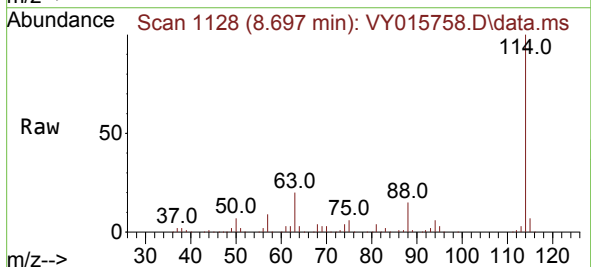
Instrument :
 MSVOA_Y
 ClientSampleId :

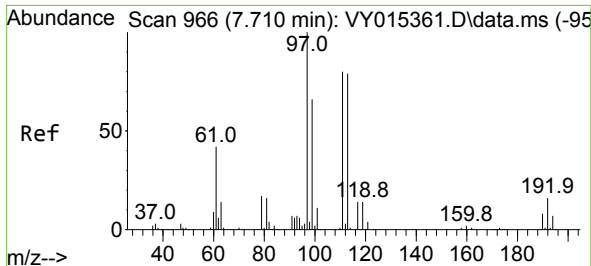
Tgt Ion: 65 Resp: 78828
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015758.D
 Acq: 29 Sep 2023 16:56

Tgt Ion: 114 Resp: 276456
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.0 0.0 30.6

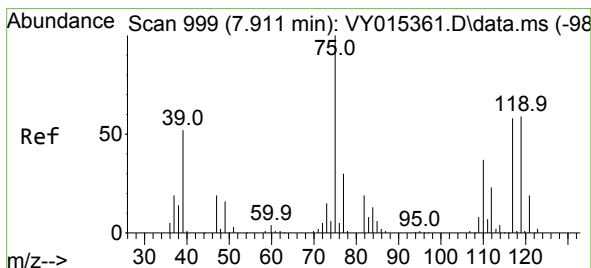
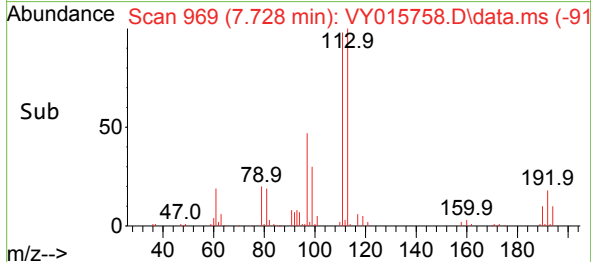
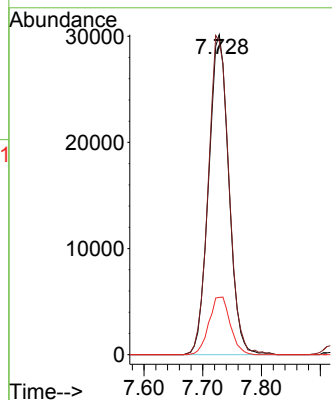
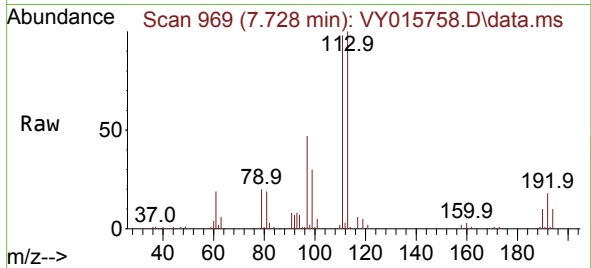




#35
Dibromofluoromethane
Concen: 43.527 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

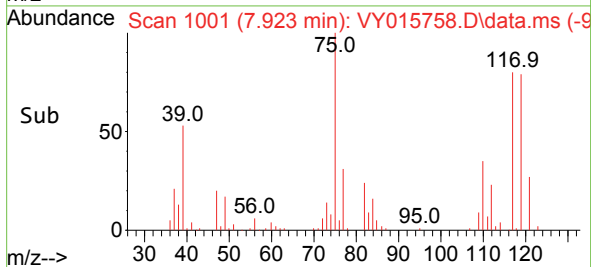
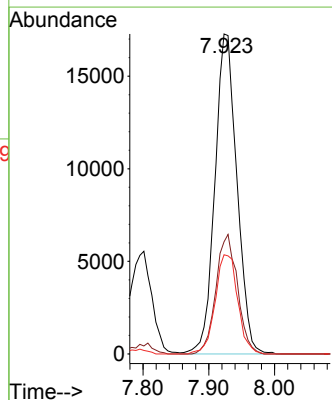
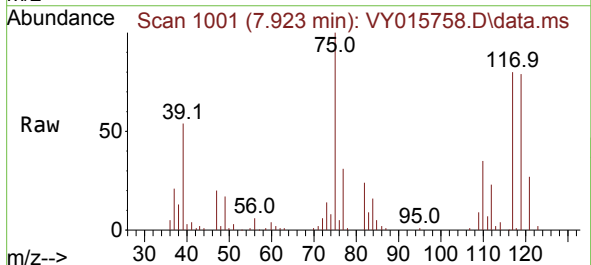
Instrument :
MSVOA_Y
ClientSampleId :

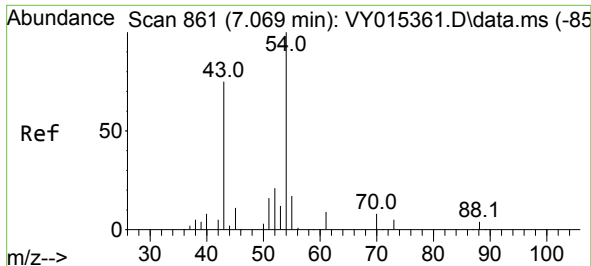
Tgt Ion:113 Resp: 72024
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 16.502 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 75 Resp: 40374
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.7 24.4 36.6

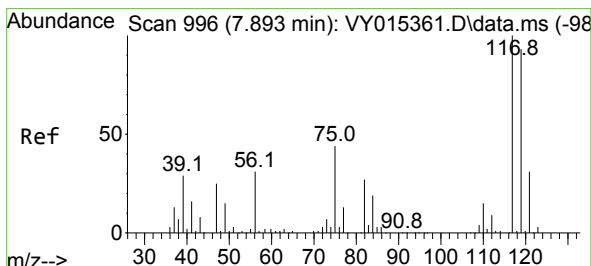
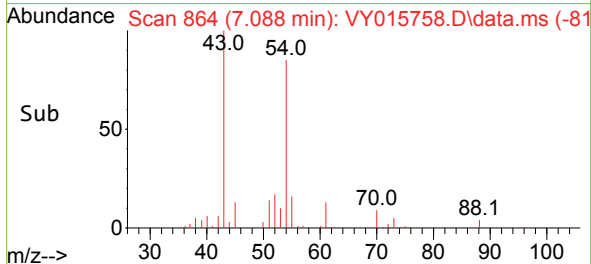
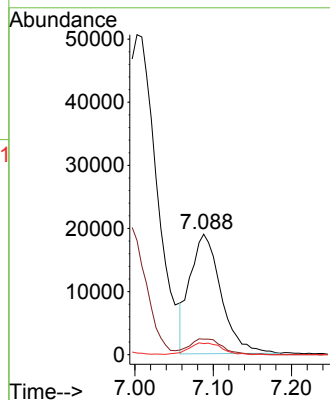
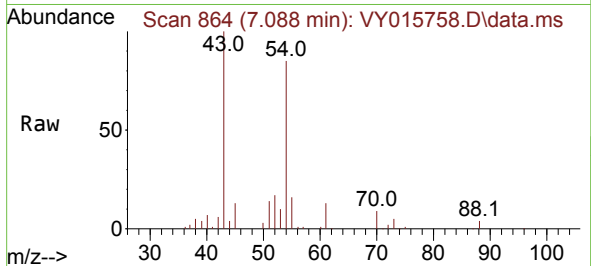




#37
Ethyl Acetate
Concen: 21.302 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.025 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

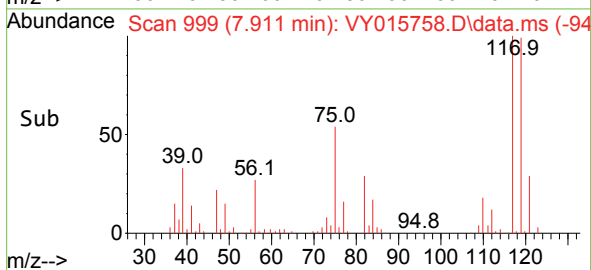
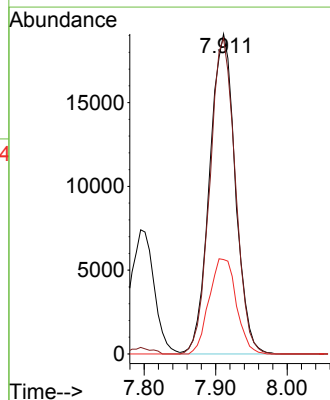
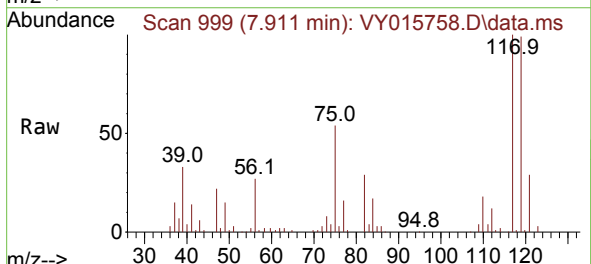
Instrument :
MSVOA_Y
ClientSampleId :

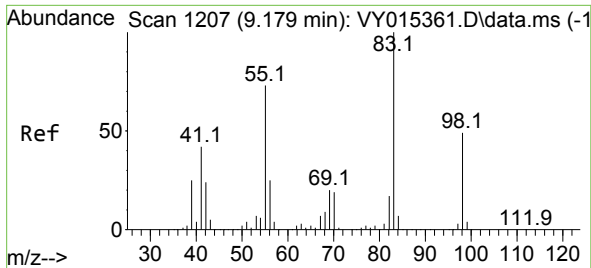
Tgt Ion: 43 Resp: 51984
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 10.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 17.954 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.018 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 117 Resp: 47679
Ion Ratio Lower Upper
117 100
119 98.6 76.4 114.6
121 29.5 25.8 38.6

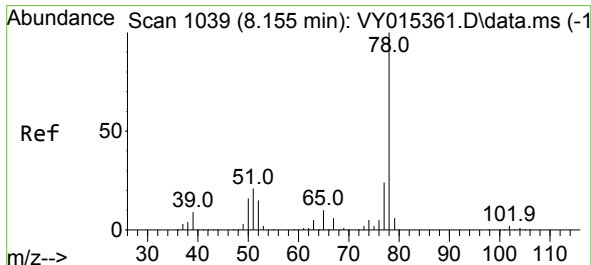
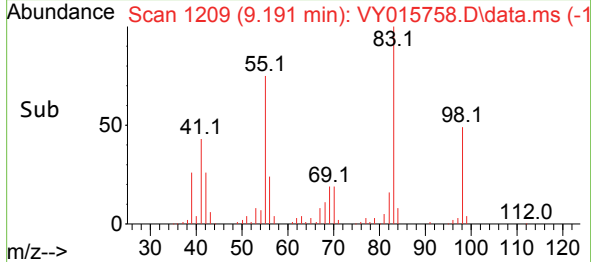
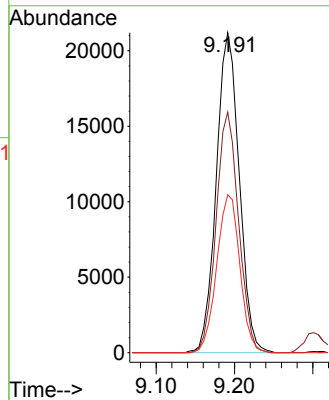
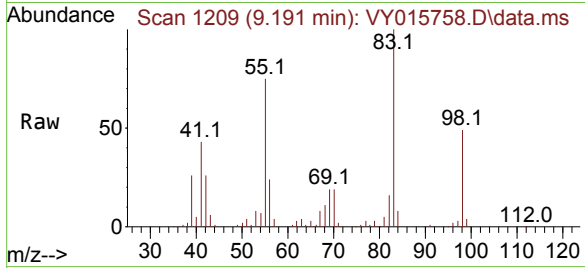




#39
Methylcyclohexane
Concen: 15.951 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

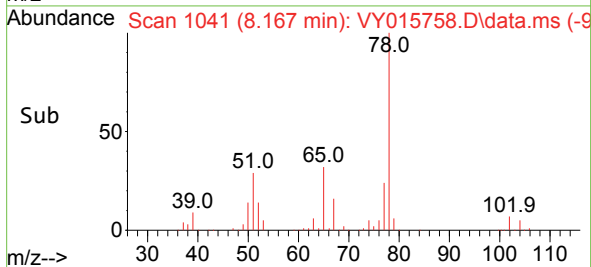
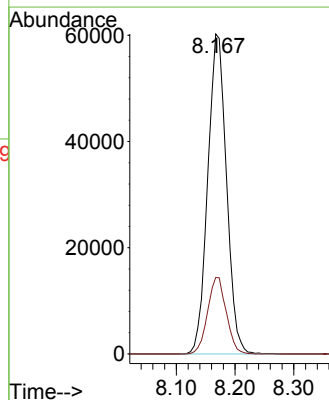
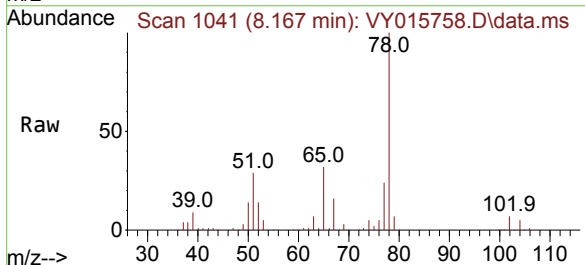
Instrument :
MSVOA_Y
ClientSampleId :

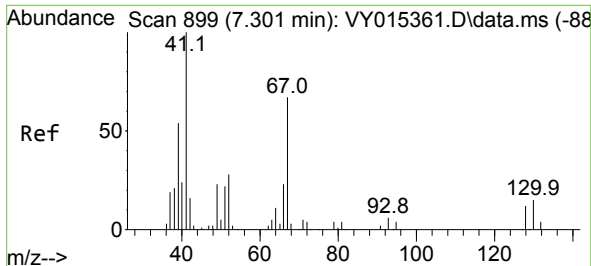
Tgt Ion: 83 Resp: 43164
Ion Ratio Lower Upper
83 100
55 75.2 63.0 94.4
98 49.4 37.4 56.2



#40
Benzene
Concen: 17.882 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.018 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 78 Resp: 133414
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

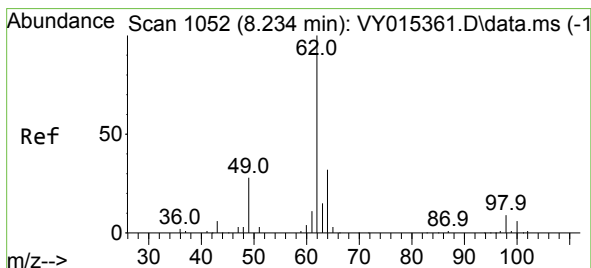
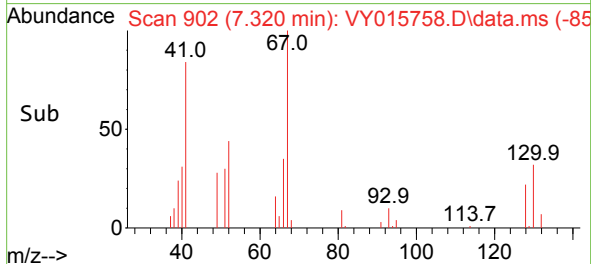
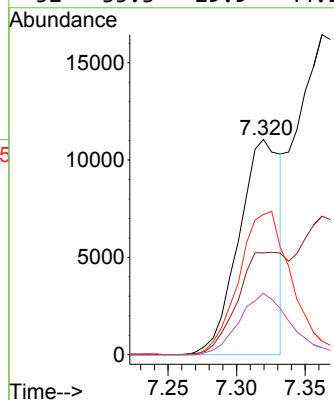
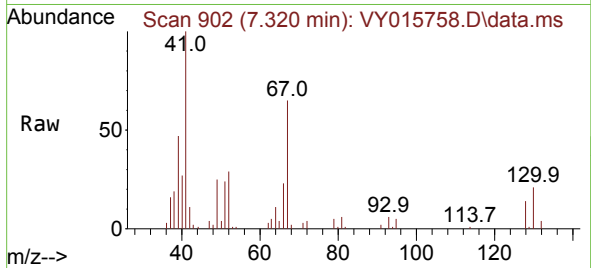




#41
Methacrylonitrile
Concen: 17.780 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

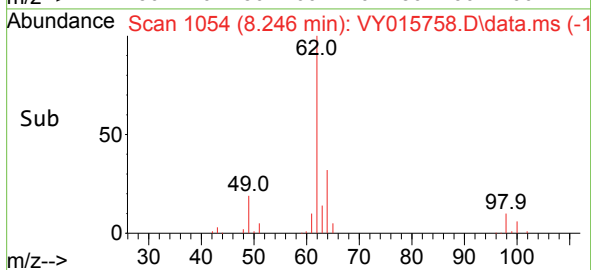
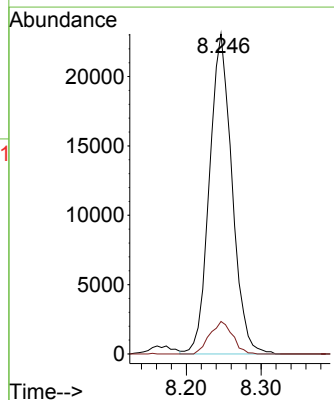
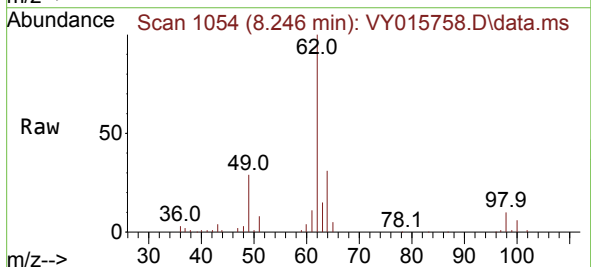
Instrument :
MSVOA_Y
ClientSampleId :

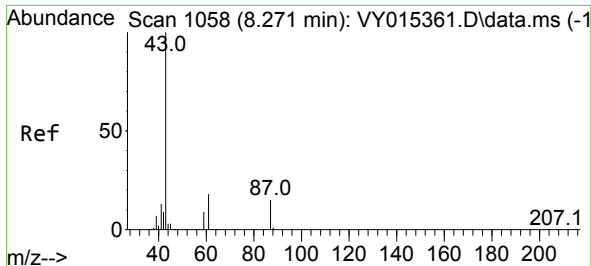
Tgt Ion: 41	Resp: 23363
Ion Ratio	Lower Upper
41 100	
39 57.4	52.1 78.1
67 84.3	66.2 99.2
52 35.3	29.9 44.9



#42
1,2-Dichloroethane
Concen: 18.944 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

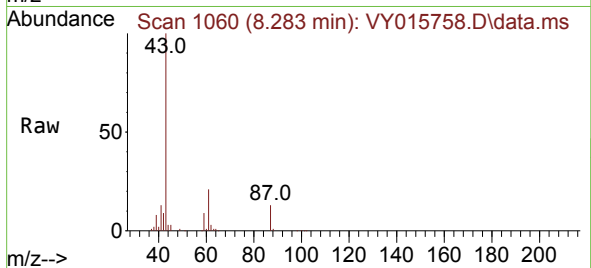
Tgt Ion: 62	Resp: 48407
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 15.8



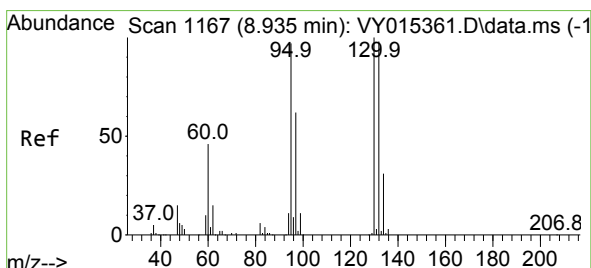
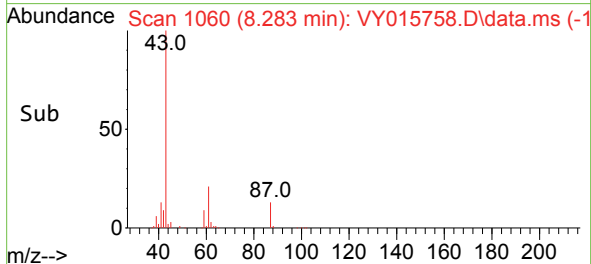
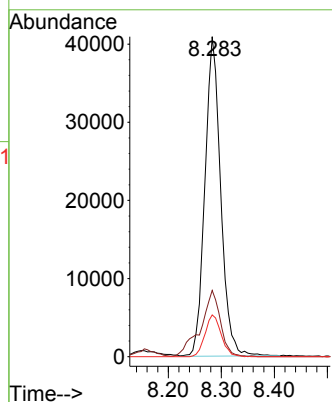


#43
Isopropyl Acetate
Concen: 20.268 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.019 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :

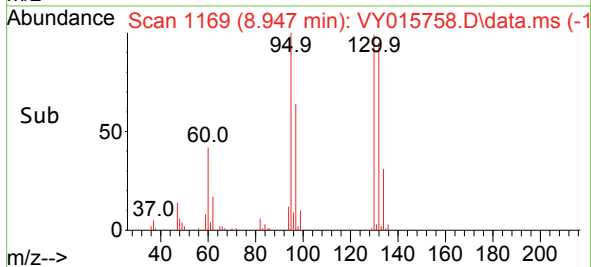
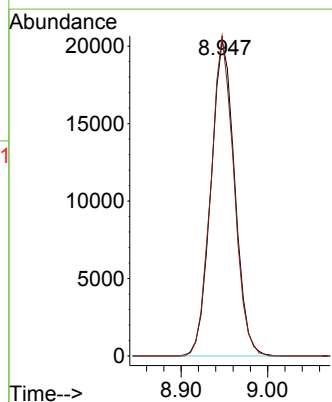
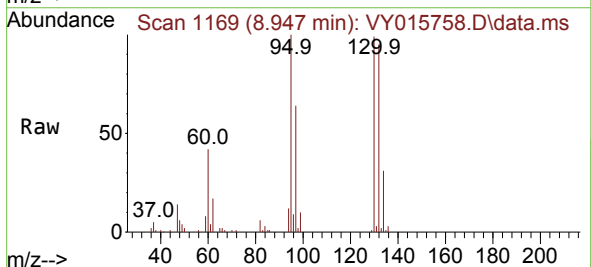


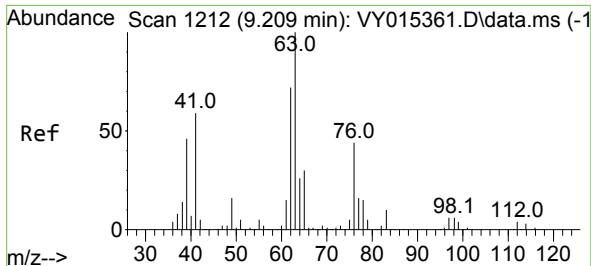
Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.1	21.1	31.7
87	13.4	9.8	14.8



#44
Trichloroethene
Concen: 18.580 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	196.0





#45

1,2-Dichloropropane

Concen: 18.685 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

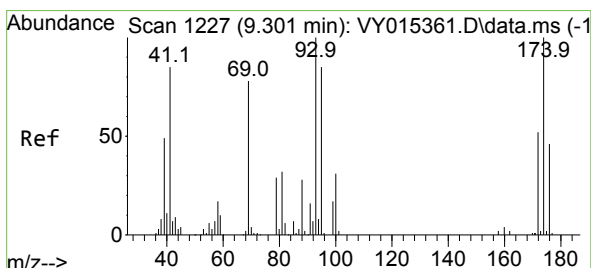
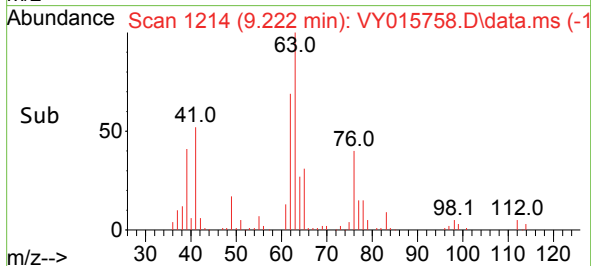
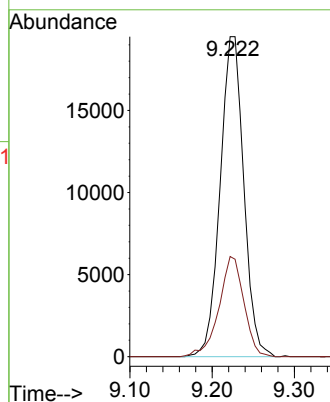
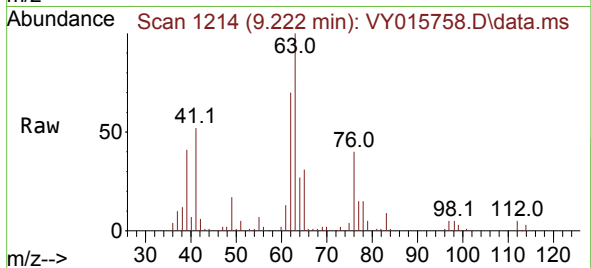
ClientSampleId :

Tgt Ion: 63 Resp: 38877

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 19.138 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

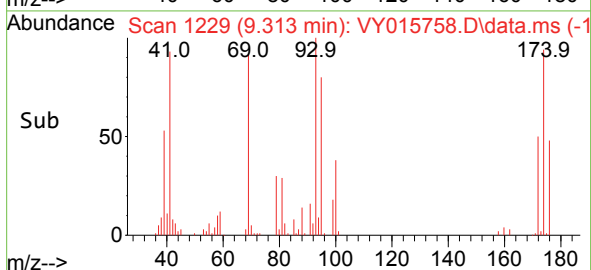
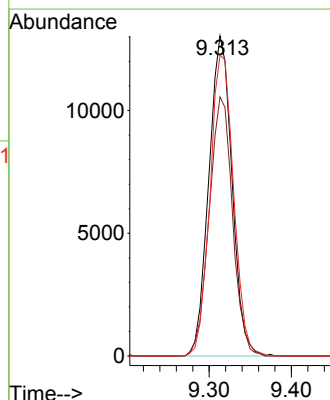
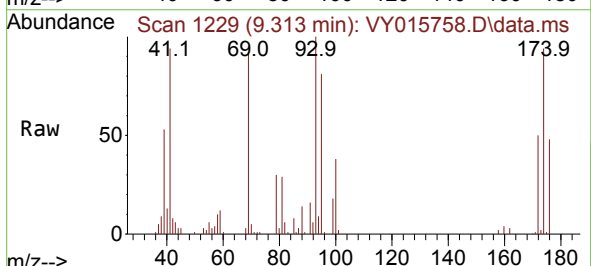
Tgt Ion: 93 Resp: 25471

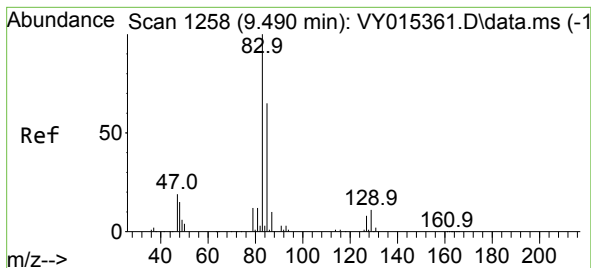
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 96.0 84.8 127.2





#47

Bromodichloromethane

Concen: 19.423 ug/l

RT: 9.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

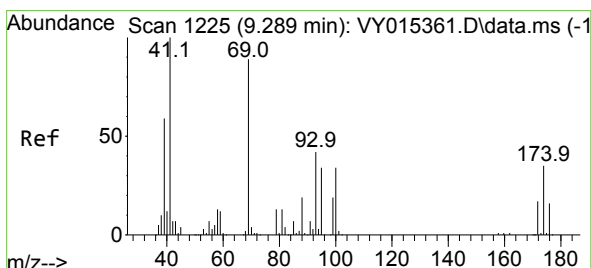
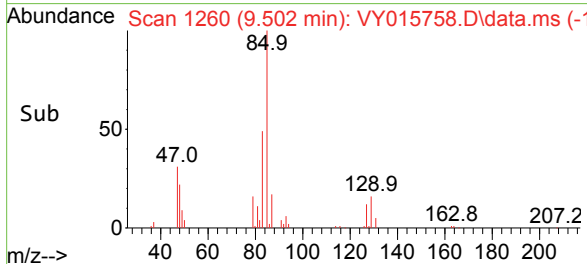
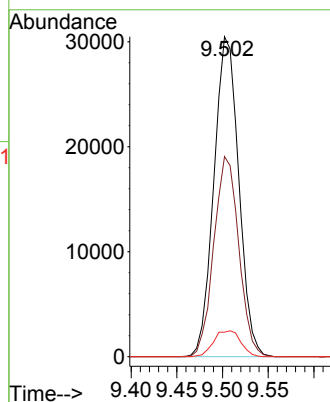
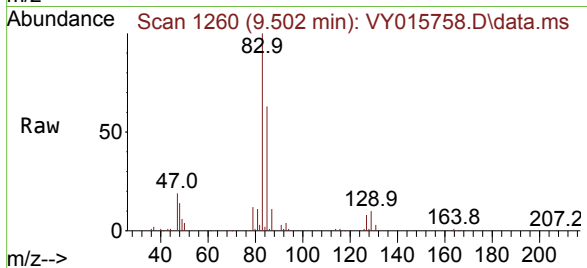
Tgt Ion: 83 Resp: 57619

Ion Ratio Lower Upper

83 100

85 62.5 50.1 75.1

127 7.6 7.1 10.7



#48

Methyl methacrylate

Concen: 19.731 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

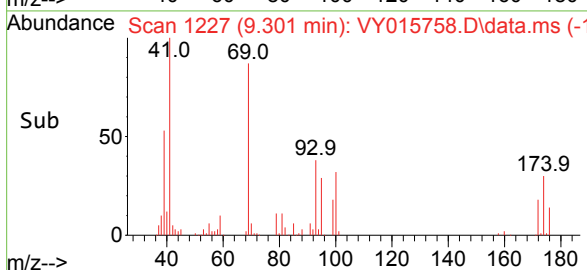
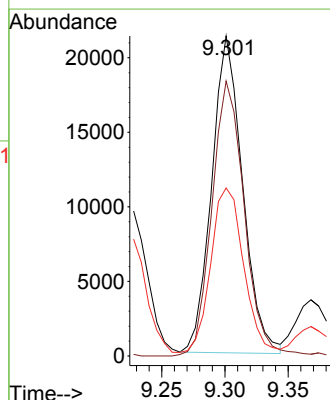
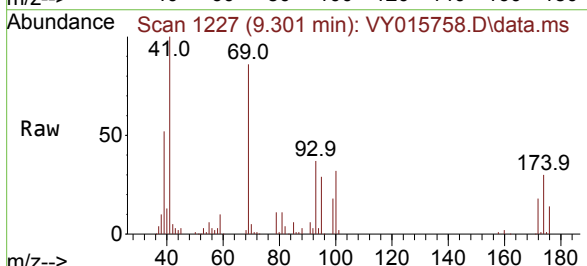
Tgt Ion: 41 Resp: 36103

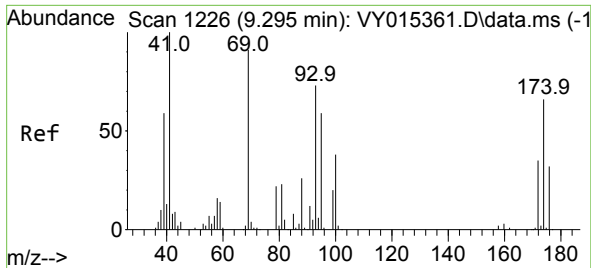
Ion Ratio Lower Upper

41 100

69 91.0 64.5 96.7

39 57.3 50.8 76.2





#49

1,4-Dioxane

Concen: 466.236 ug/l

RT: 9.331 min Scan# 11

Delta R.T. 0.042 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

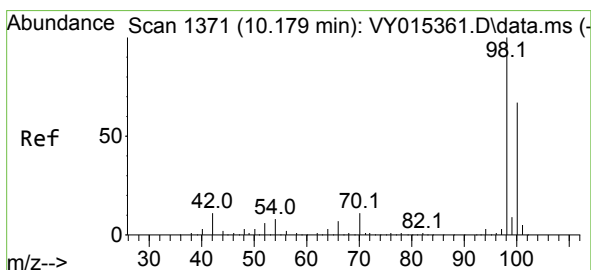
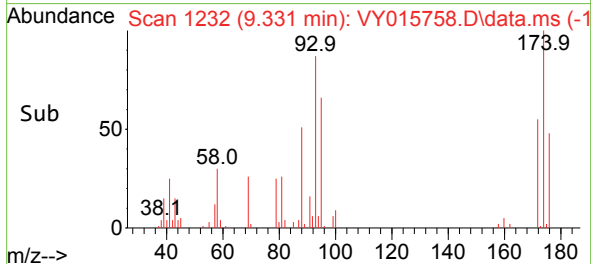
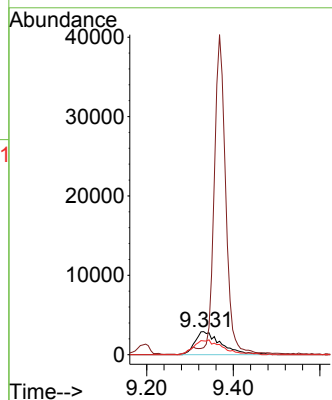
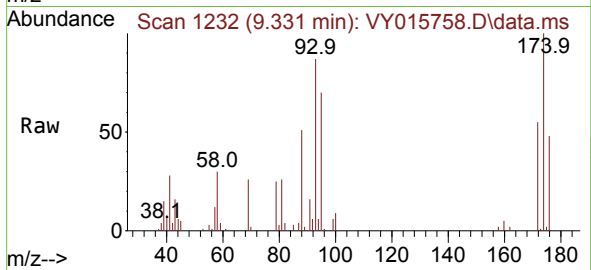
Tgt Ion: 88 Resp: 12259

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 68.9 30.9 46.3#



#50

Toluene-d8

Concen: 44.721 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015758.D

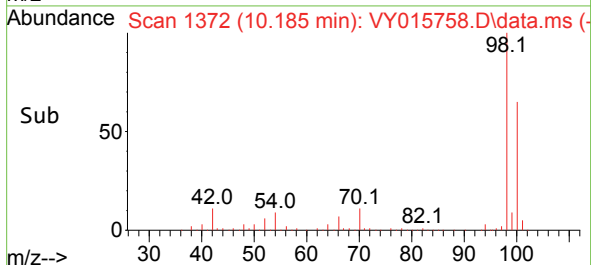
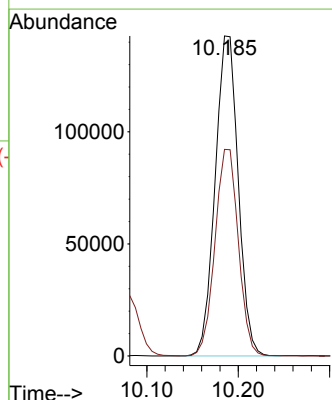
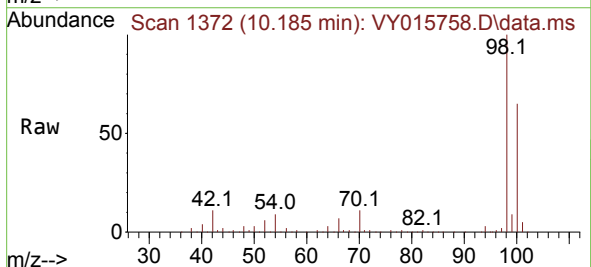
Acq: 29 Sep 2023 16:56

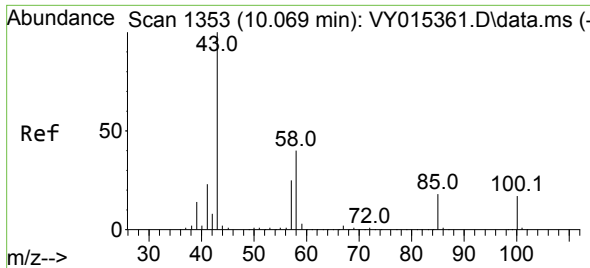
Tgt Ion: 98 Resp: 250904

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

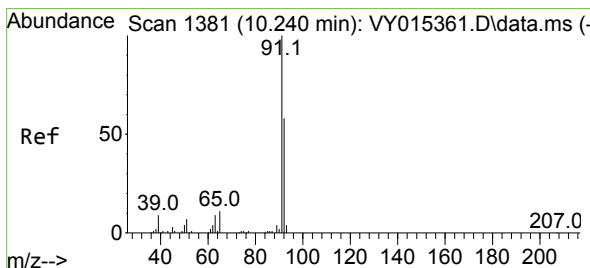
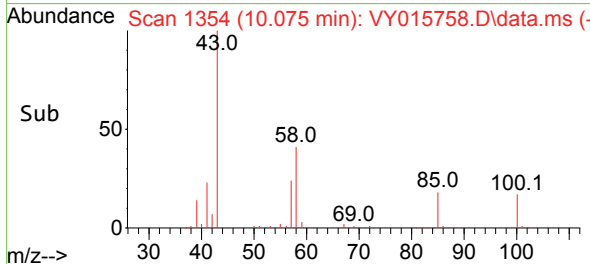
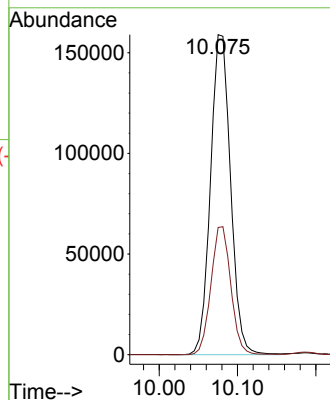
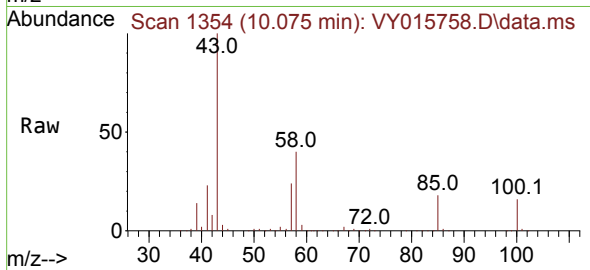




#51
4-Methyl-2-Pentanone
Concen: 109.516 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

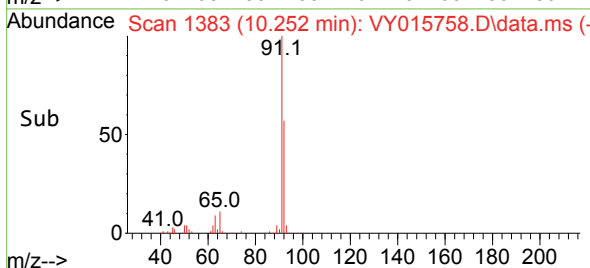
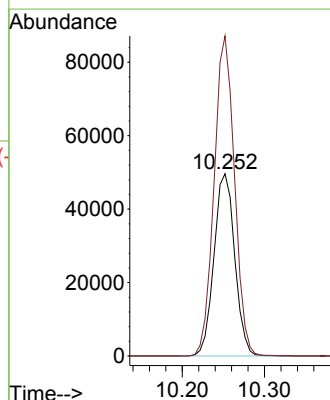
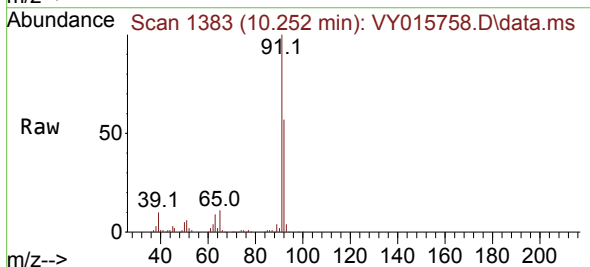
Instrument :
MSVOA_Y
ClientSampleId :

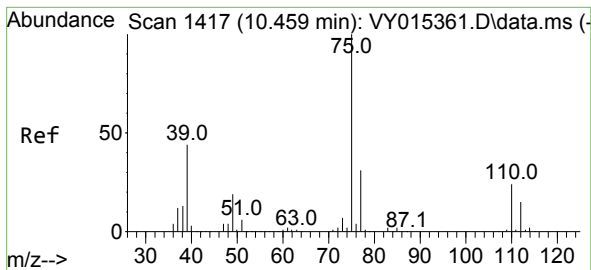
Tgt Ion: 43 Resp: 282964
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6



#52
Toluene
Concen: 18.071 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 92 Resp: 86920
Ion Ratio Lower Upper
92 100
91 172.9 143.8 215.6

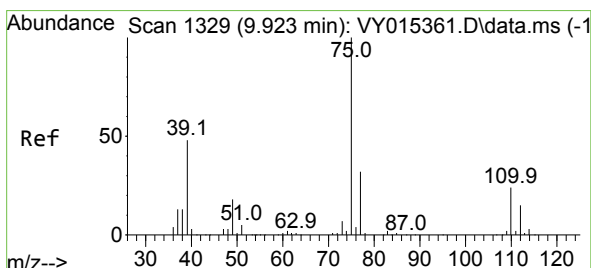
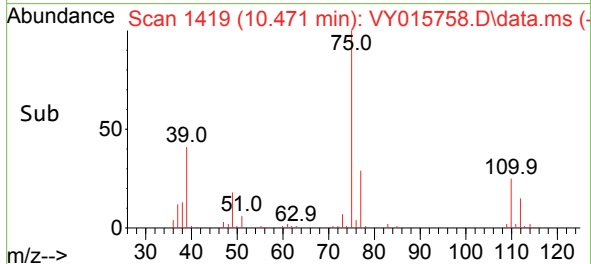
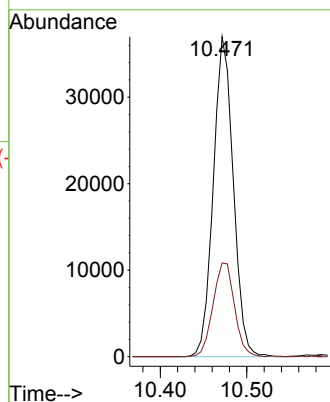
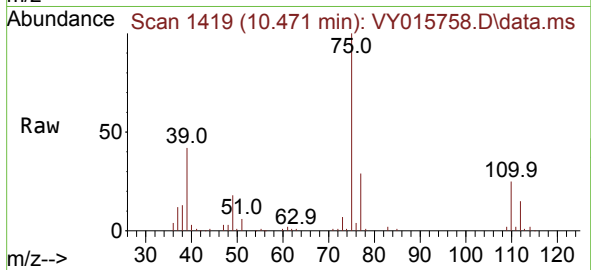




#53
 t-1,3-Dichloropropene
 Concen: 18.650 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015758.D
 Acq: 29 Sep 2023 16:56

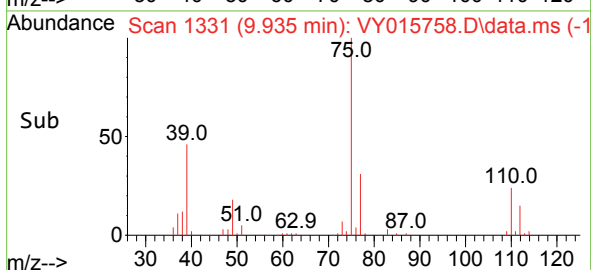
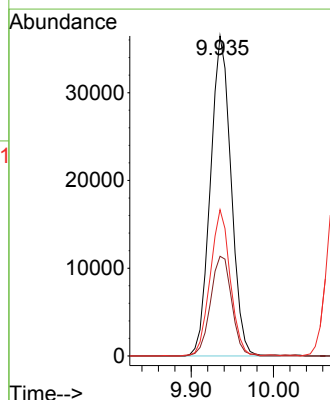
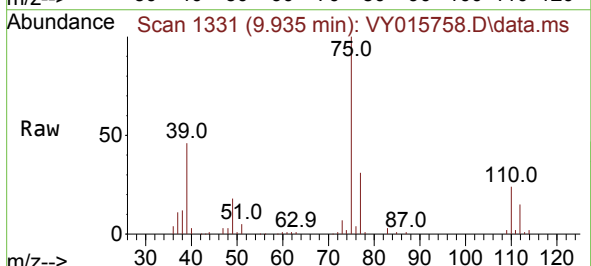
Instrument :
 MSVOA_Y
 ClientSampleId :

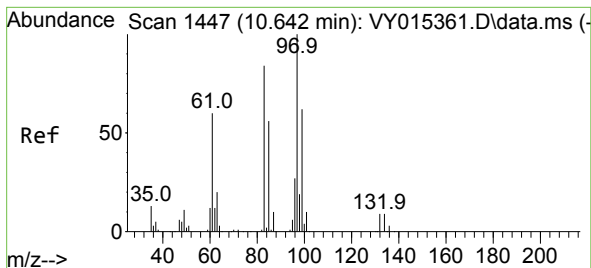
Tgt Ion: 75 Resp: 59331
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.562 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015758.D
 Acq: 29 Sep 2023 16:56

Tgt Ion: 75 Resp: 63563
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.2 36.4
 39 45.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.465 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 39915

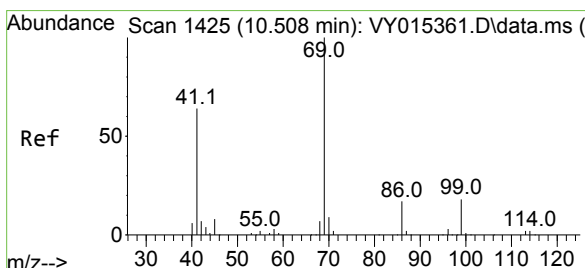
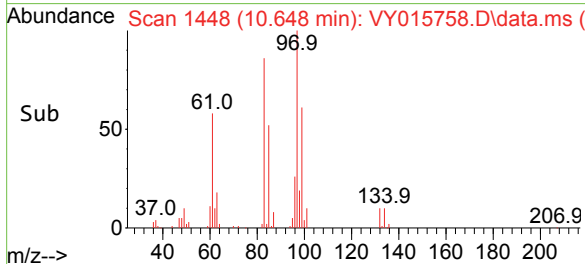
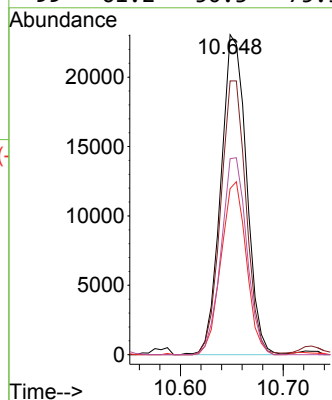
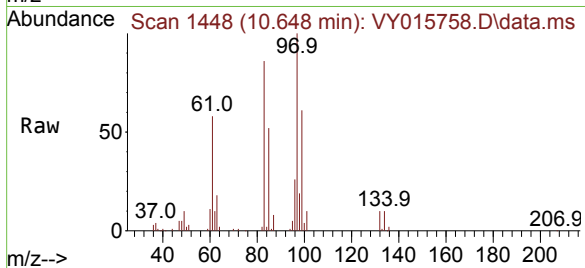
Ion Ratio Lower Upper

97 100

83 85.6 72.0 108.0

85 51.9 45.4 68.0

99 61.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.643 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

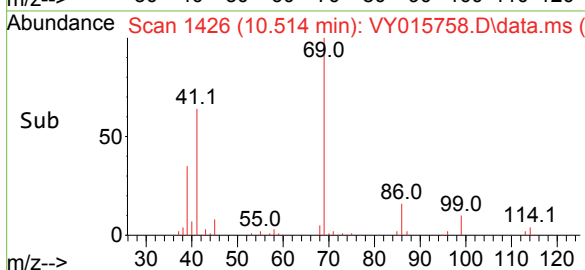
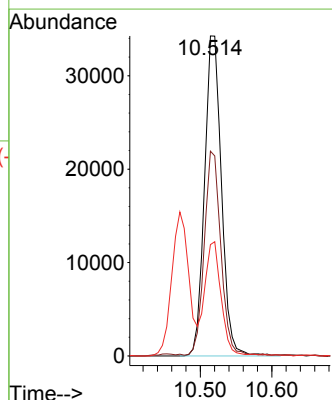
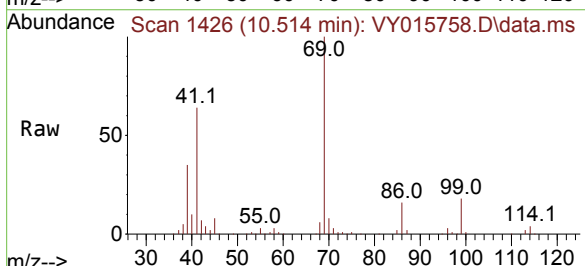
Tgt Ion: 69 Resp: 56460

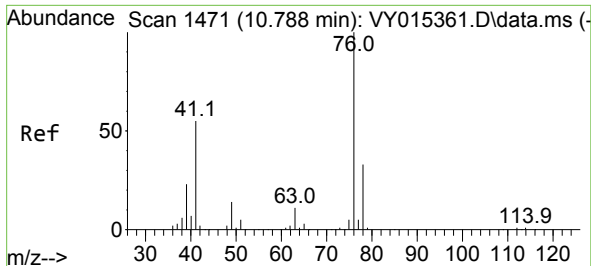
Ion Ratio Lower Upper

69 100

41 62.2 57.6 86.4

39 35.1 34.1 51.1

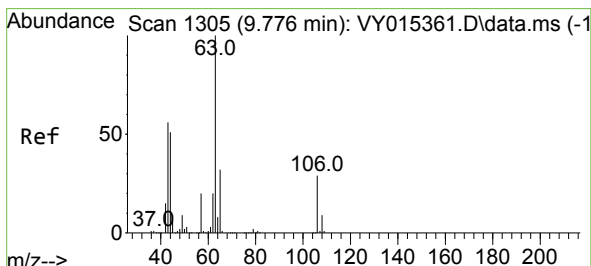
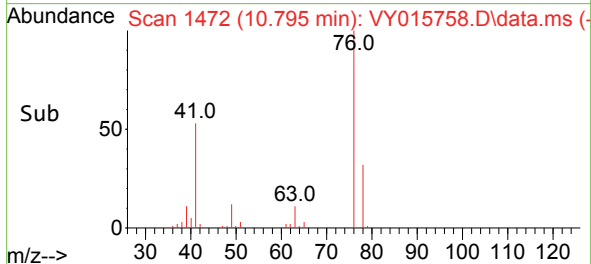
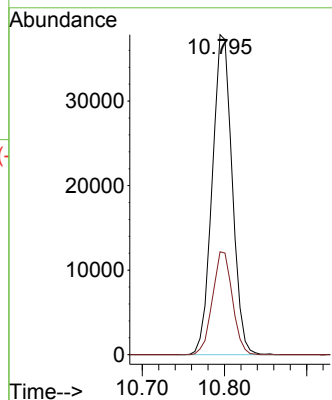
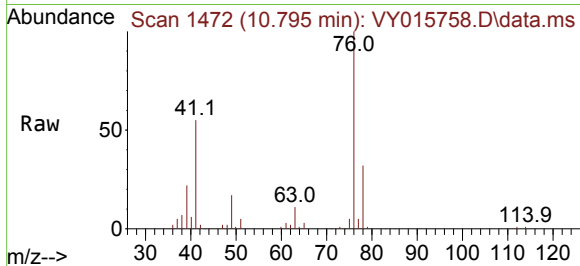




#57
1,3-Dichloropropane
Concen: 19.488 ug/l
RT: 10.795 min Scan# 1471
Delta R.T. 0.007 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

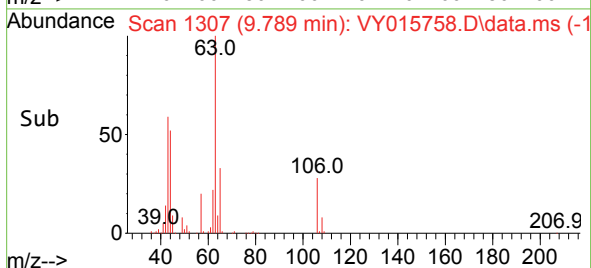
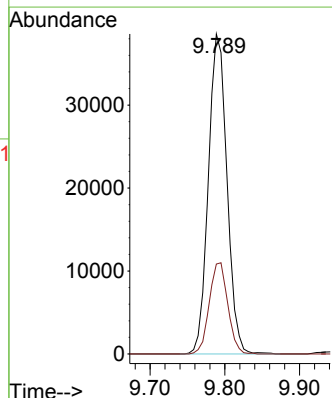
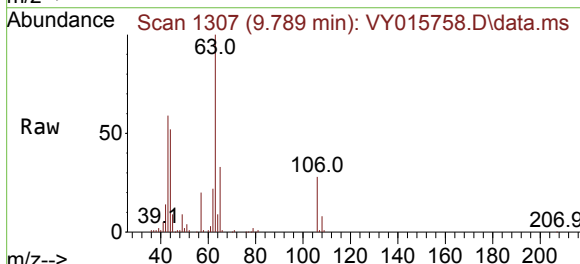
Instrument :
MSVOA_Y
ClientSampleId :

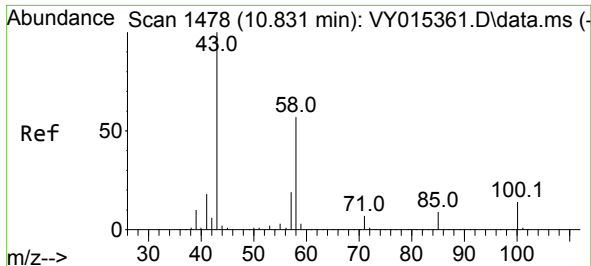
Tgt Ion: 76 Resp: 63742
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 72.967 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.013 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 63 Resp: 66620
Ion Ratio Lower Upper
63 100
106 28.4 21.2 31.8

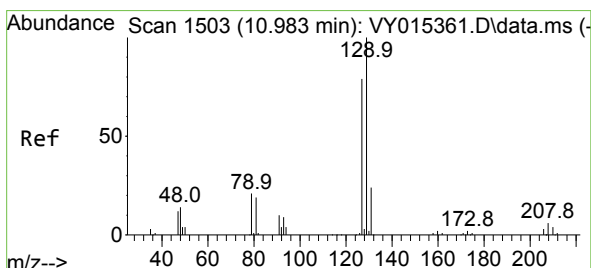
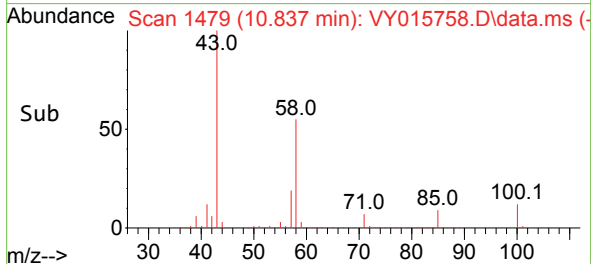
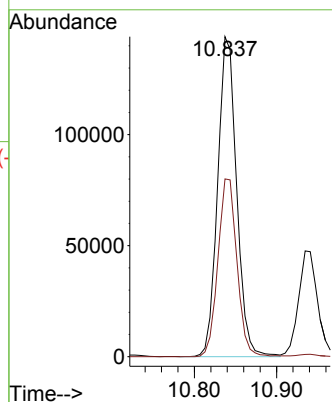
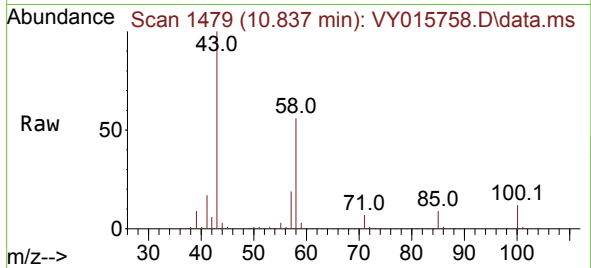




#59
2-Hexanone
Concen: 116.467 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

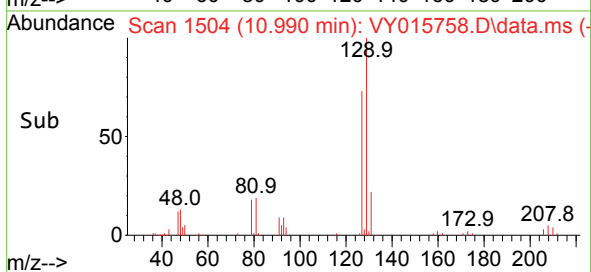
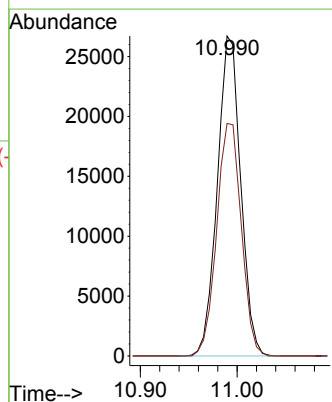
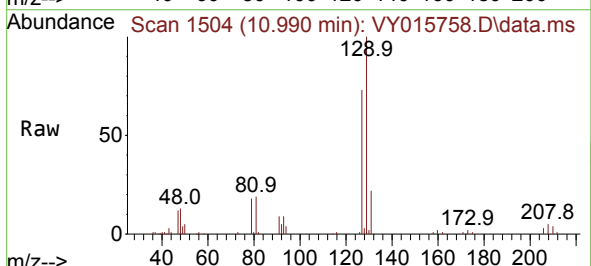
Instrument :
MSVOA_Y
ClientSampleId :

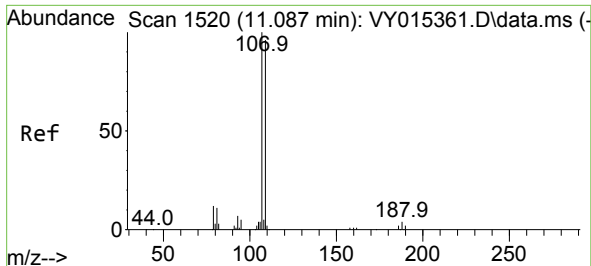
Tgt Ion: 43 Resp: 230872
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 19.654 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 129 Resp: 44749
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

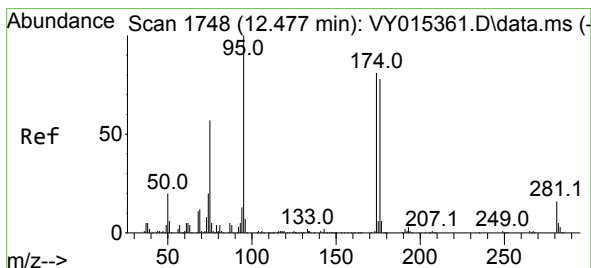
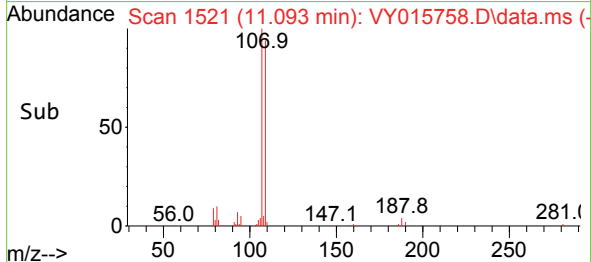
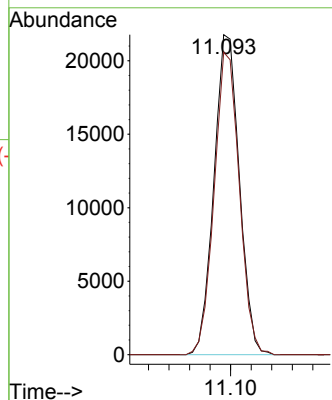
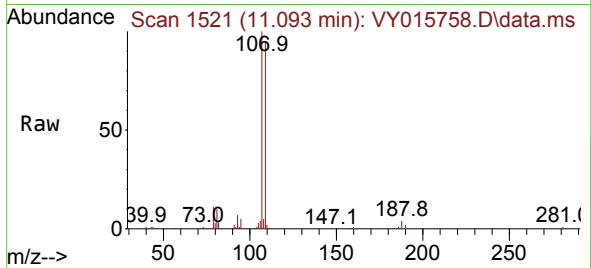




#61
1,2-Dibromoethane
Concen: 19.535 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

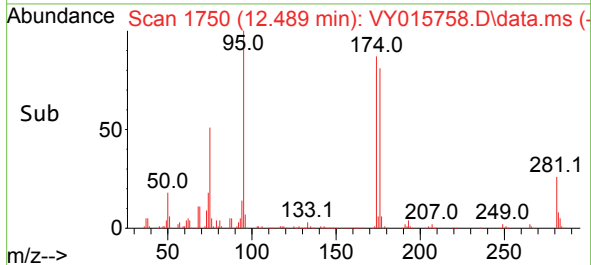
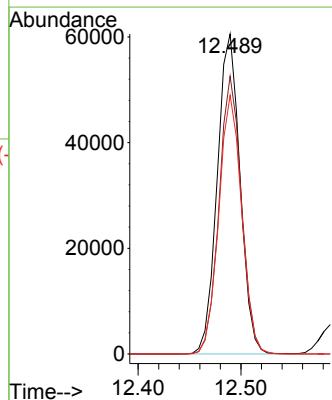
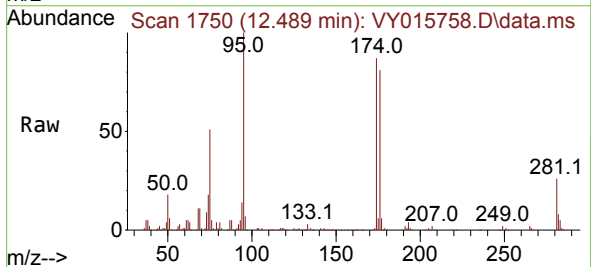
Instrument :
MSVOA_Y
ClientSampleId :

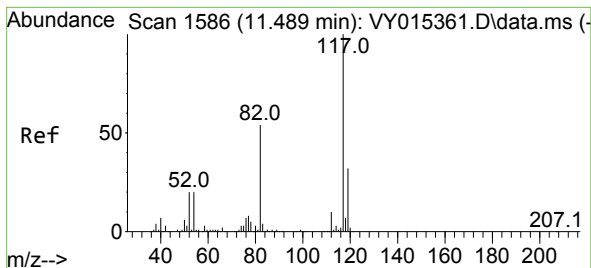
Tgt Ion:107 Resp: 37275
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 42.211 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 95 Resp: 92938
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.007 min

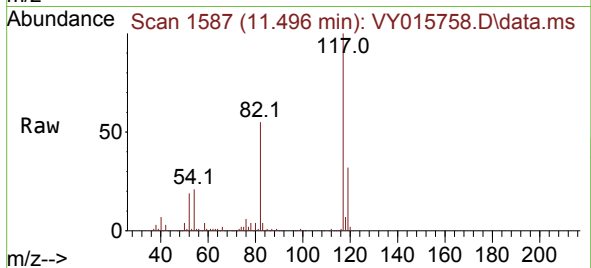
Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :



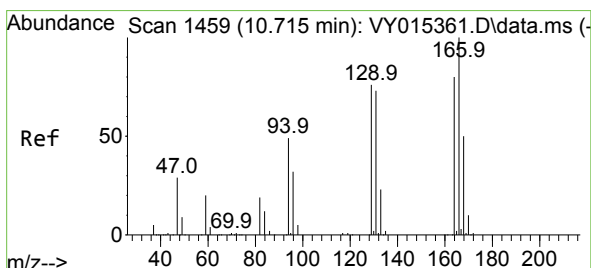
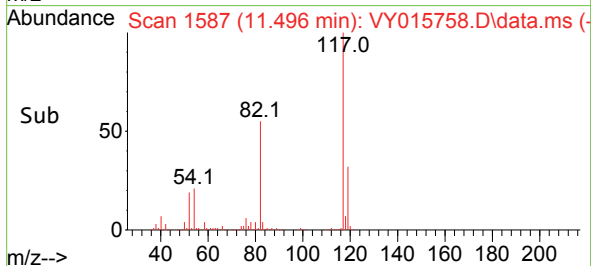
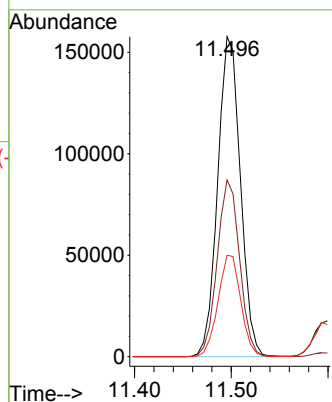
Tgt Ion:117 Resp: 256966

Ion Ratio Lower Upper

117 100

82 55.2 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 19.122 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Tgt Ion:164 Resp: 42159

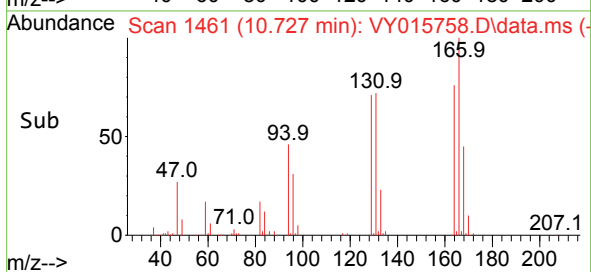
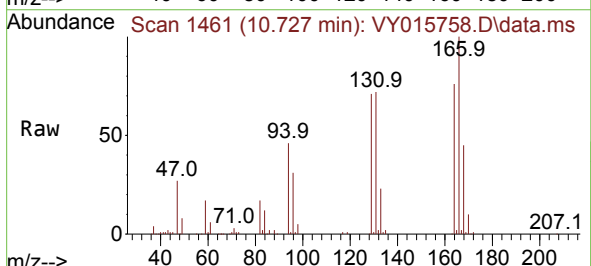
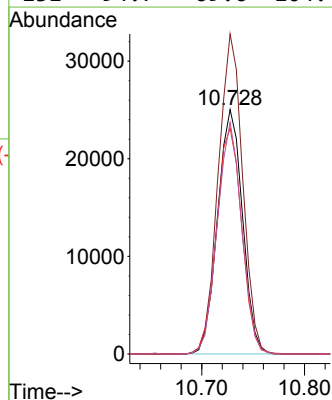
Ion Ratio Lower Upper

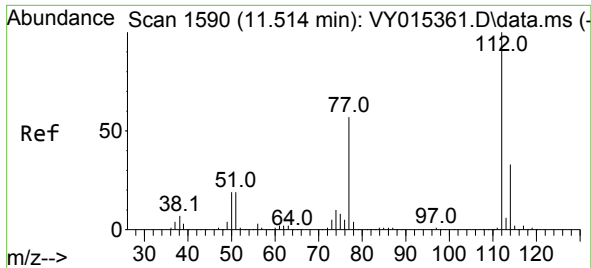
164 100

166 131.0 103.0 154.6

129 92.4 77.2 115.8

131 94.7 69.6 104.4

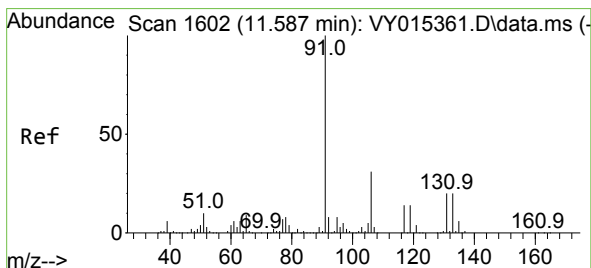
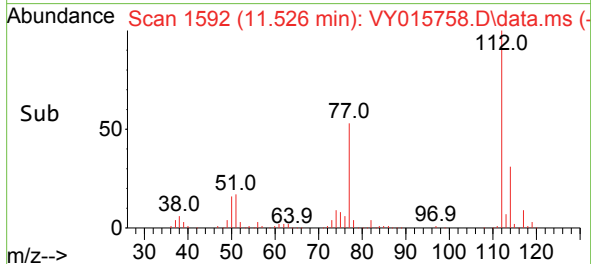
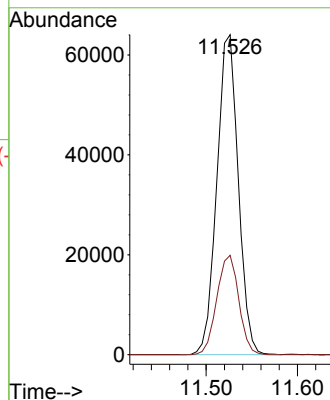
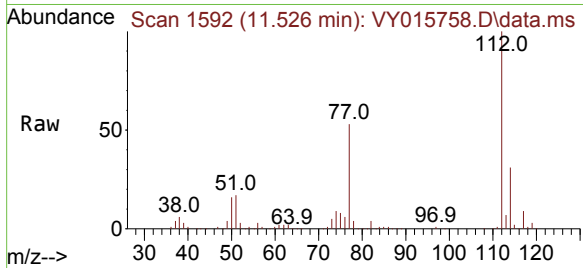




#65
Chlorobenzene
Concen: 18.605 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

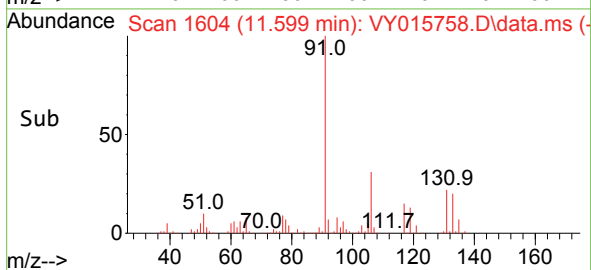
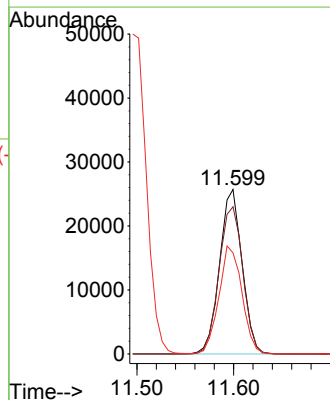
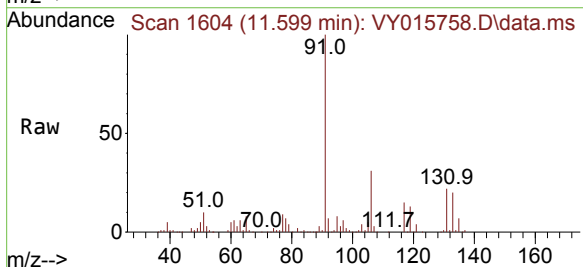
Instrument :
MSVOA_Y
ClientSampleId :

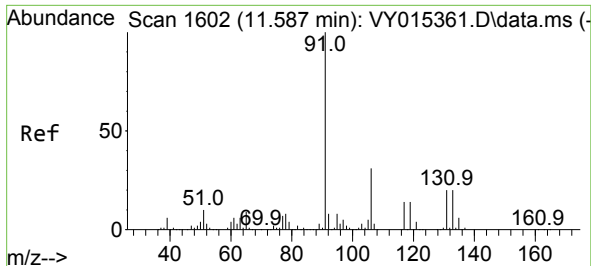
Tgt Ion:112 Resp: 104357
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.051 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion:131 Resp: 41508
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 67.1 31.6 94.7

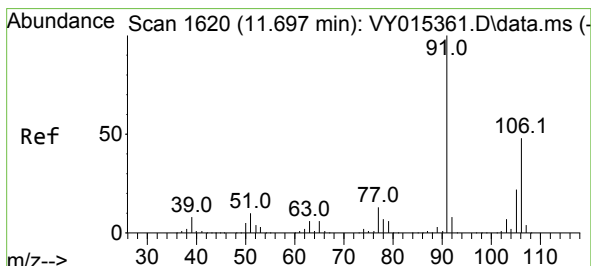
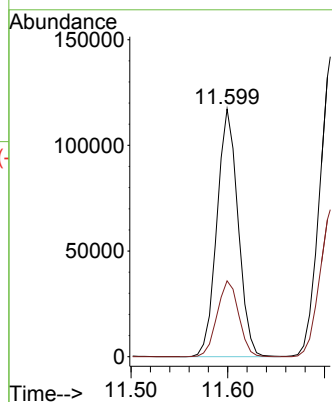
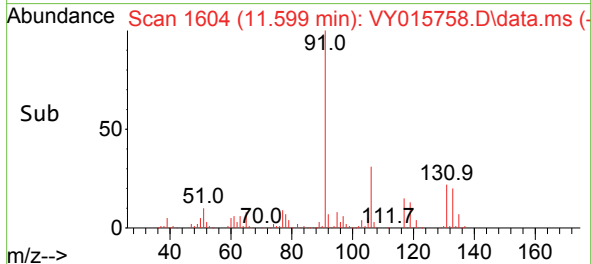
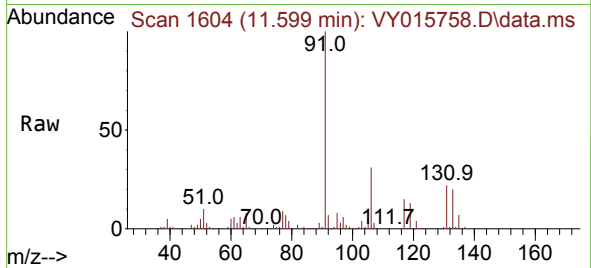




#67
Ethyl Benzene
Concen: 18.109 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

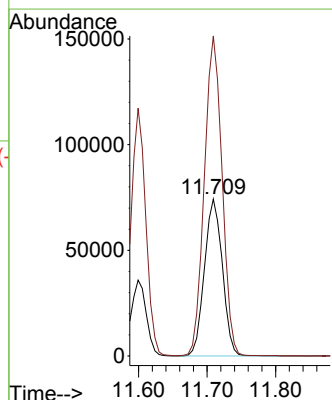
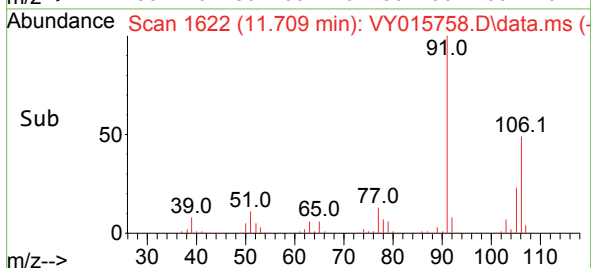
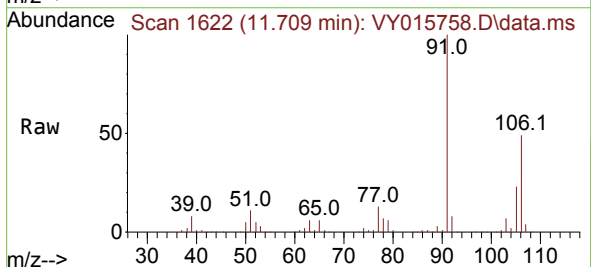
Instrument :
MSVOA_Y
ClientSampleId :

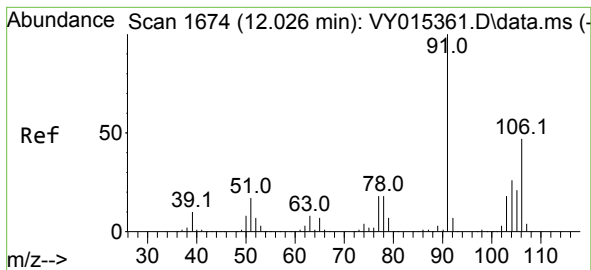
Tgt Ion: 91 Resp: 177537
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 36.268 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion:106 Resp: 135149
Ion Ratio Lower Upper
106 100
91 202.8 166.1 249.1





#69

o-Xylene

Concen: 18.188 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

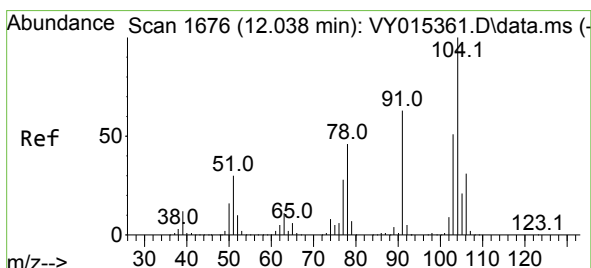
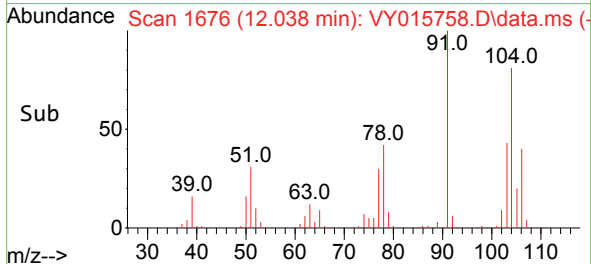
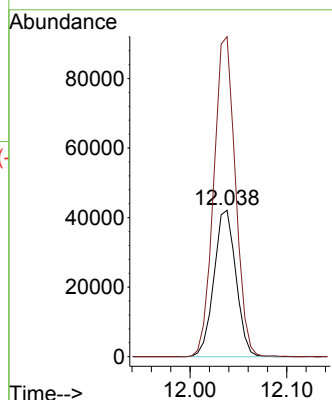
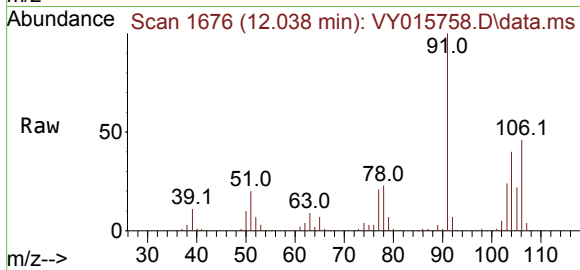
ClientSampleId :

Tgt Ion:106 Resp: 66457

Ion Ratio Lower Upper

106 100

91 215.7 108.1 324.3



#70

Styrene

Concen: 19.068 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

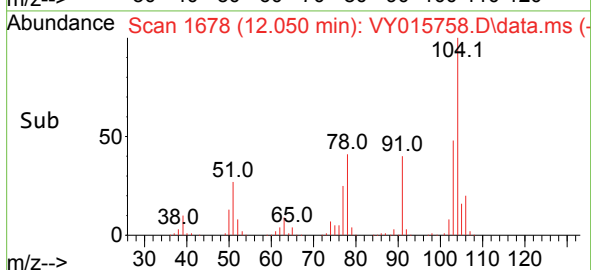
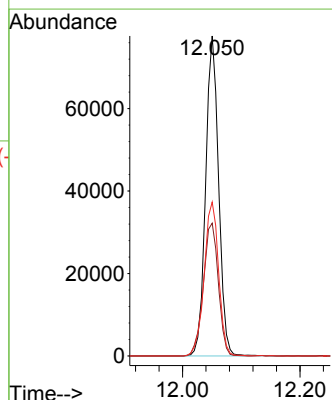
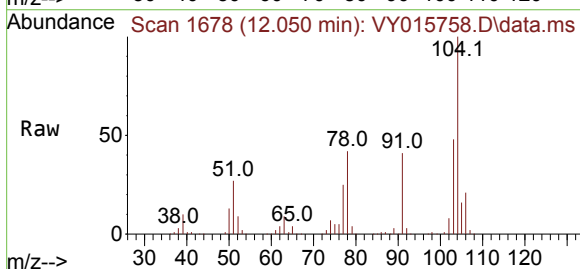
Tgt Ion:104 Resp: 119263

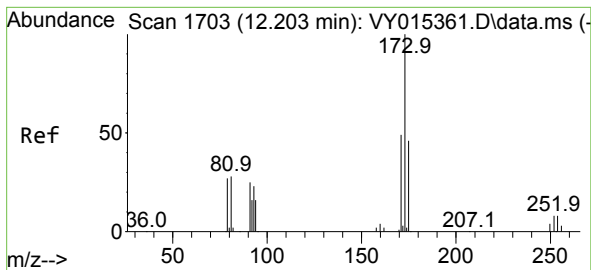
Ion Ratio Lower Upper

104 100

78 47.9 41.5 62.3

103 53.6 44.6 67.0





#71

Bromoform

Concen: 20.303 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015758.D

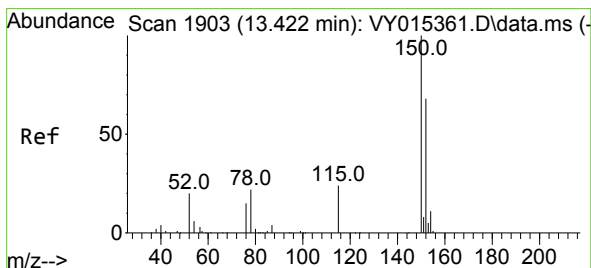
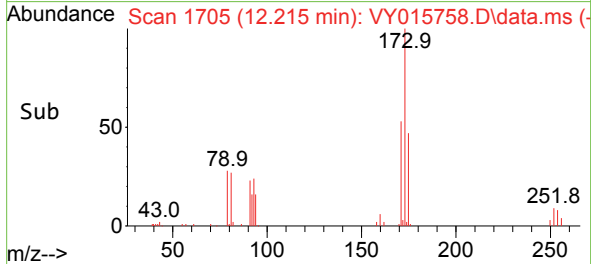
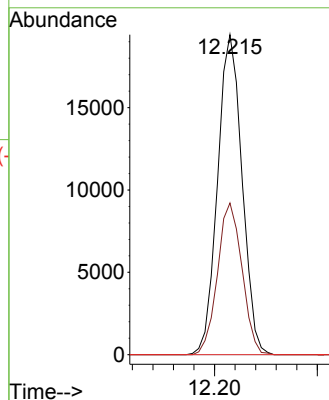
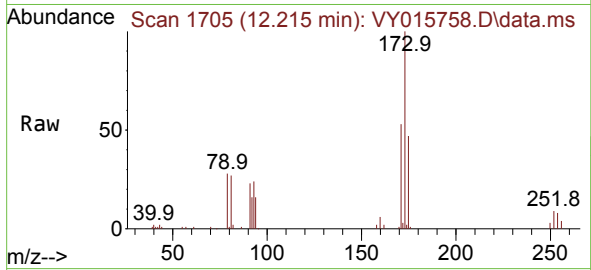
Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	32055
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

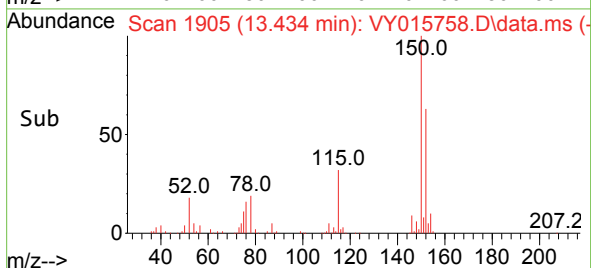
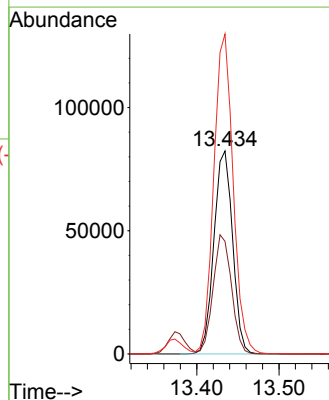
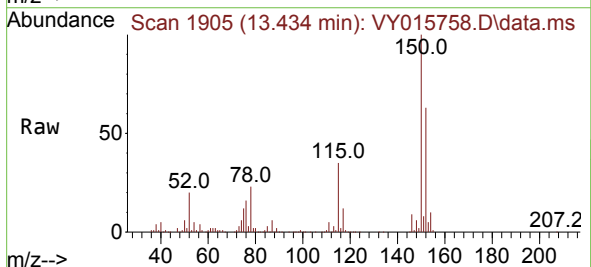
RT: 13.434 min Scan# 1905

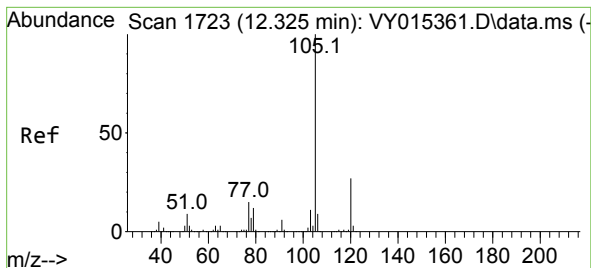
Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Tgt Ion:152	Resp:	129699
Ion Ratio	Lower	Upper
152	100	
115	57.9	28.8 86.5
150	163.2	0.0 348.8





#73

Isopropylbenzene

Concen: 18.559 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

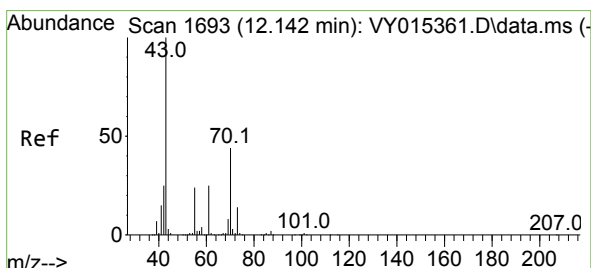
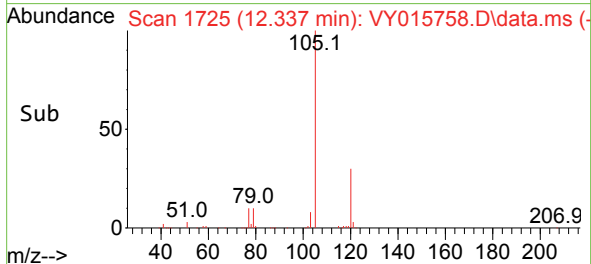
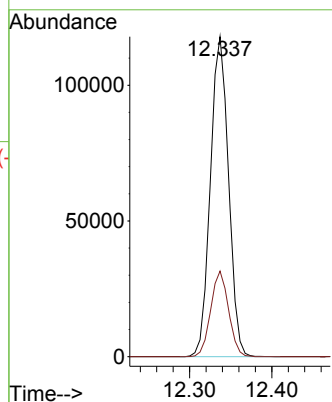
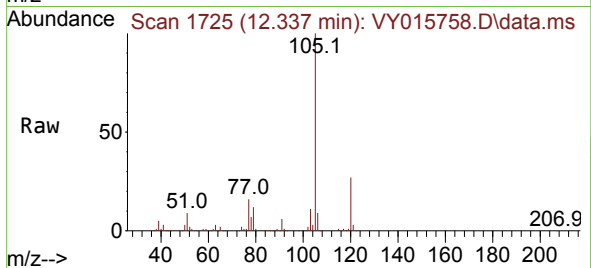
ClientSampleId :

Tgt Ion:105 Resp: 180570

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 20.119 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Tgt Ion: 43 Resp: 73573

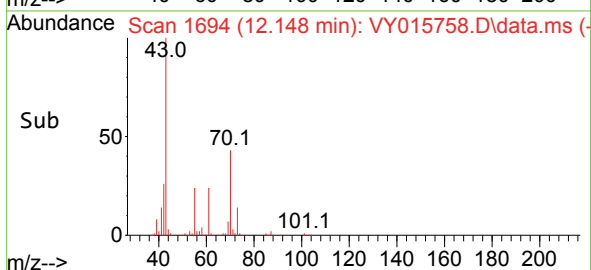
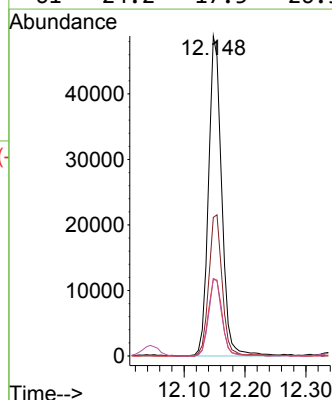
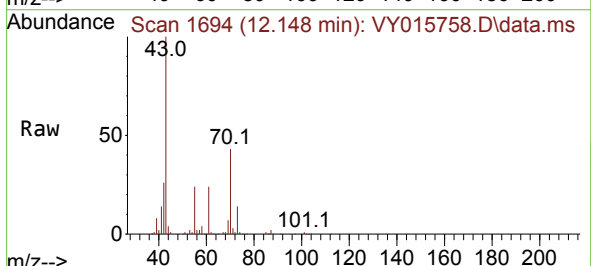
Ion Ratio Lower Upper

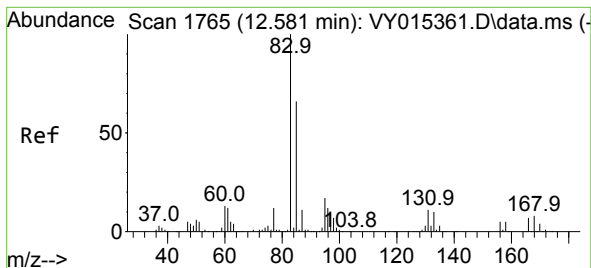
43 100

70 44.9 29.7 44.5#

55 25.5 18.3 27.5

61 24.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.089 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

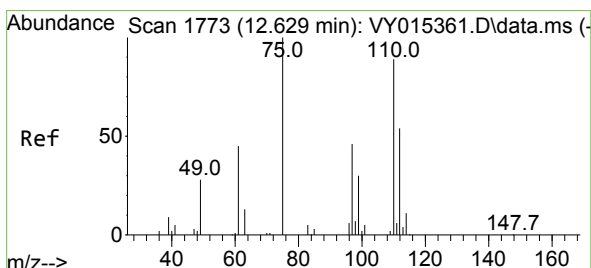
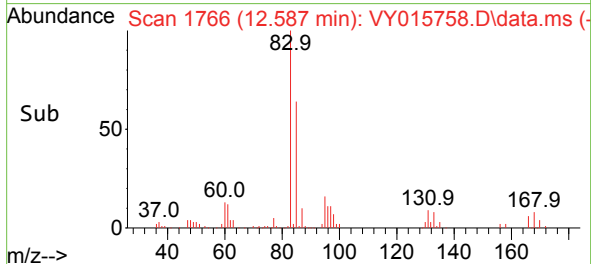
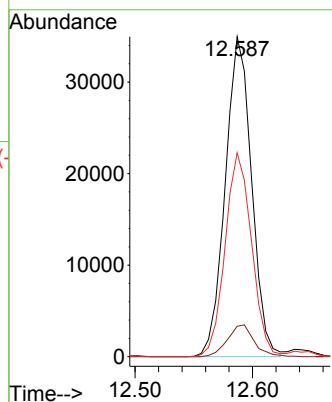
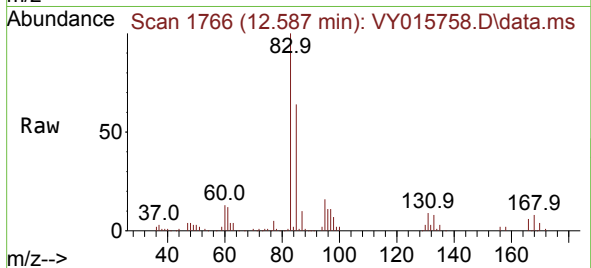
Tgt Ion: 83 Resp: 54397

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.854 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015758.D

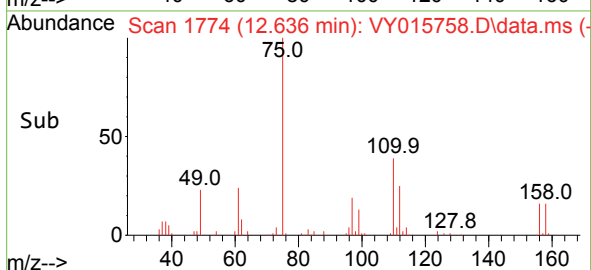
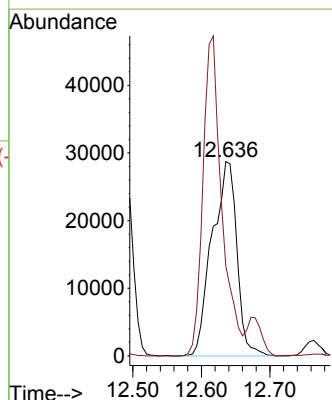
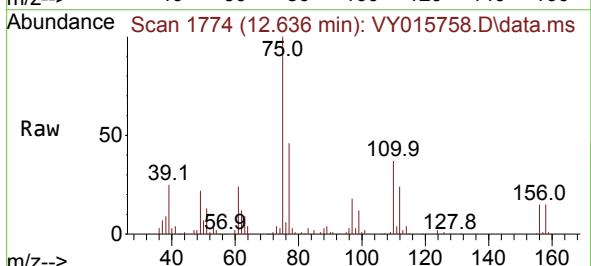
Acq: 29 Sep 2023 16:56

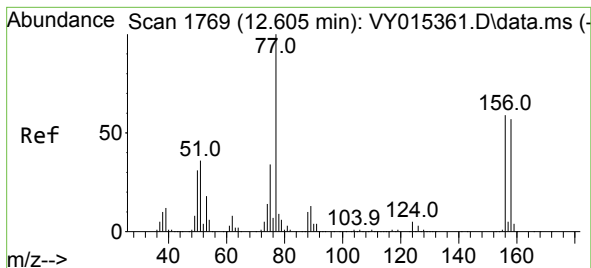
Tgt Ion: 75 Resp: 72117

Ion Ratio Lower Upper

75 100

77 125.7 0.0 0.0#





#77

Bromobenzene

Concen: 18.471 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

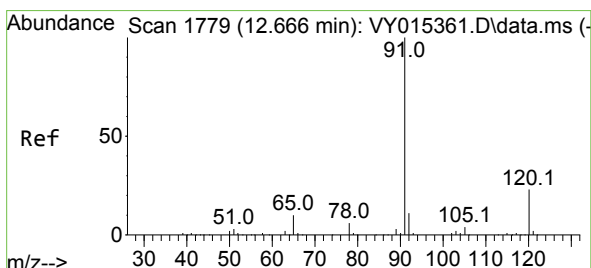
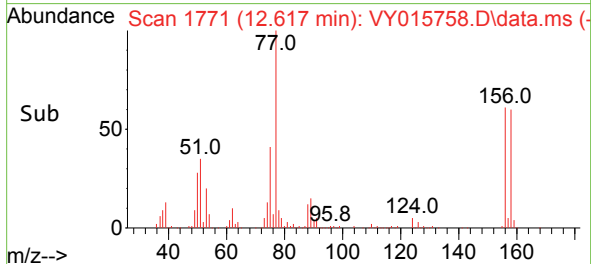
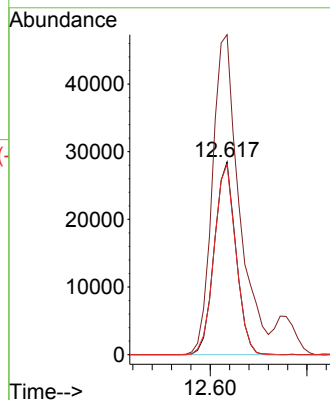
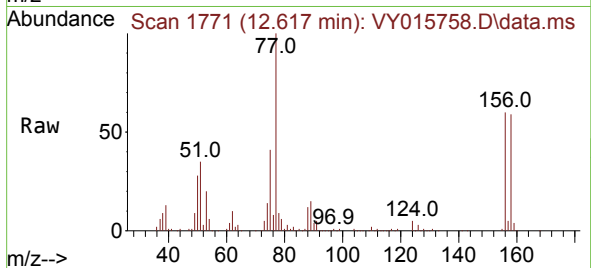
Tgt Ion:156 Resp: 44115

Ion Ratio Lower Upper

156 100

77 205.5 92.8 278.6

158 99.6 48.4 145.3



#78

n-propylbenzene

Concen: 18.716 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.012 min

Lab File: VY015758.D

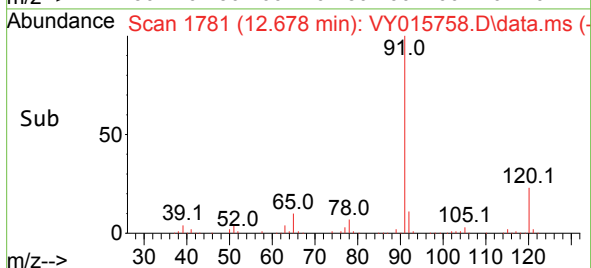
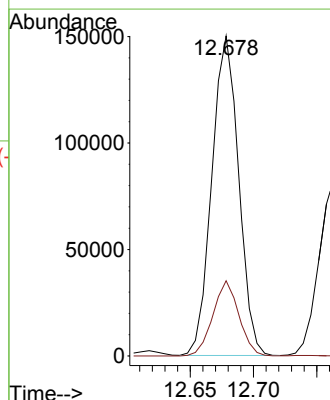
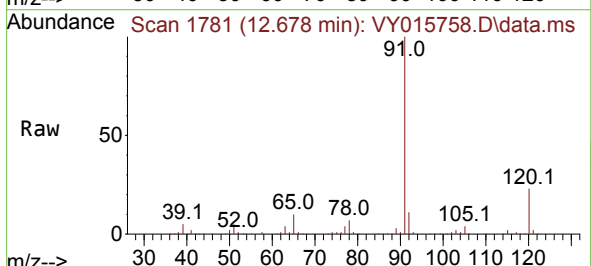
Acq: 29 Sep 2023 16:56

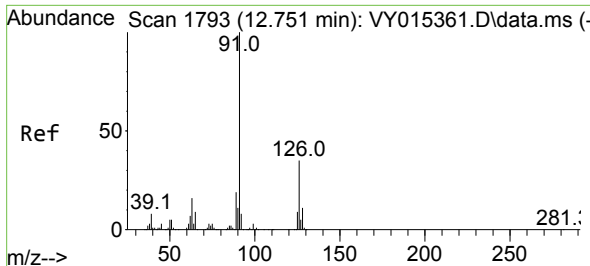
Tgt Ion: 91 Resp: 221230

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

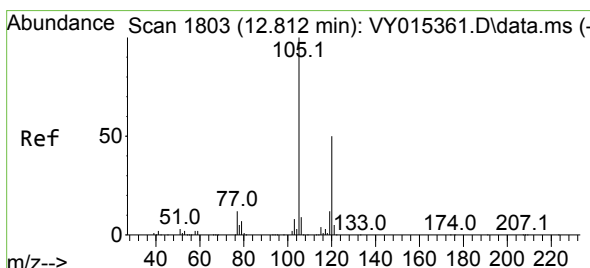
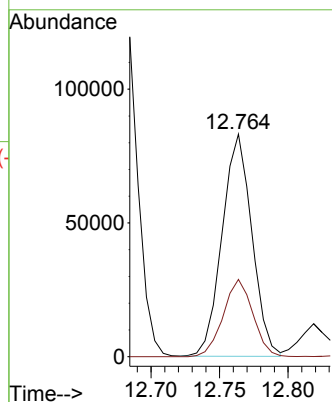
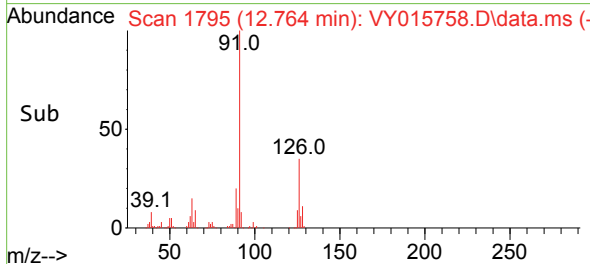
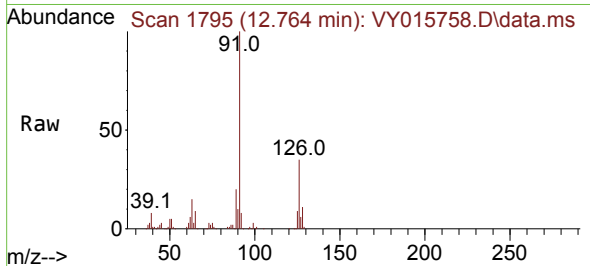




#79
2-Chlorotoluene
Concen: 18.644 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.013 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

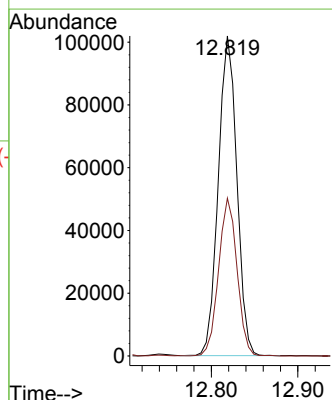
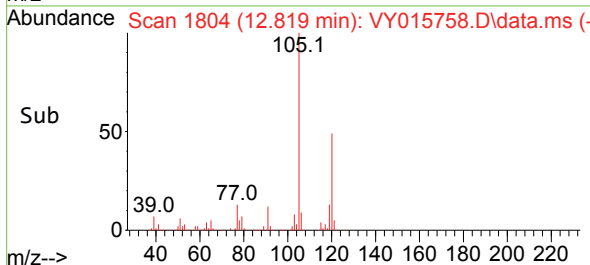
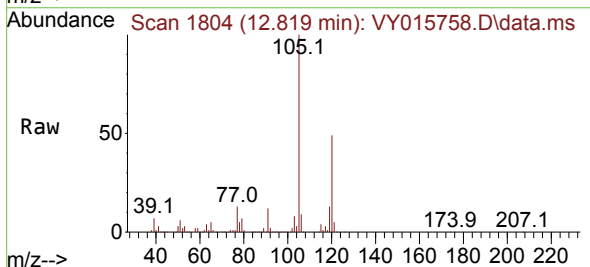
Instrument :
MSVOA_Y
ClientSampleId :

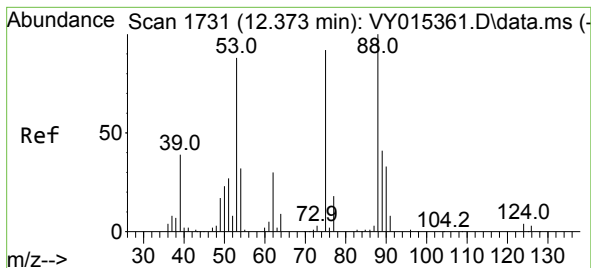
Tgt Ion: 91 Resp: 125615
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.627 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 105 Resp: 151720
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

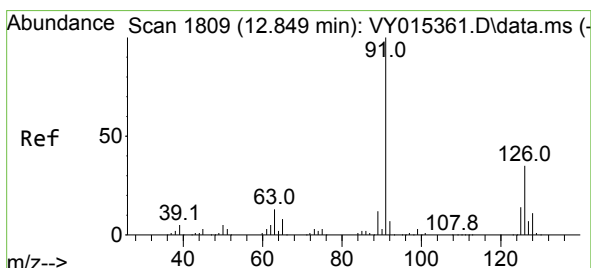
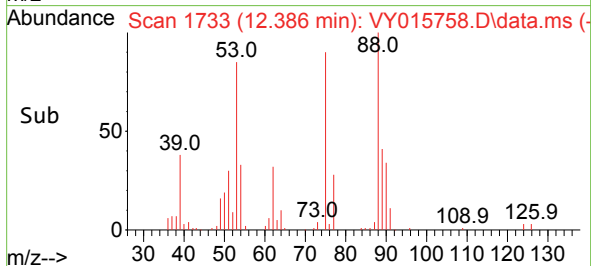
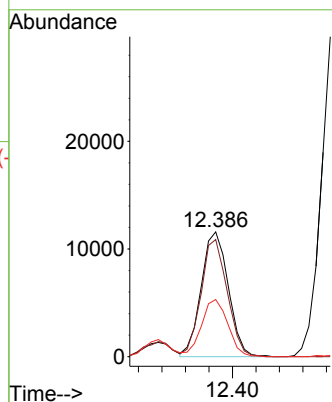
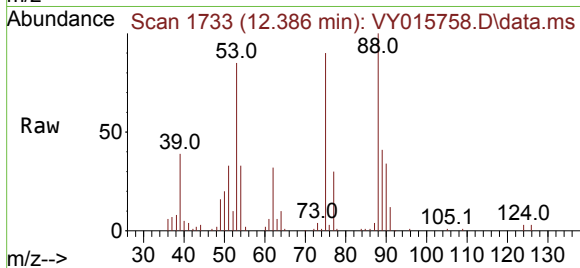




#81
trans-1,4-Dichloro-2-butene
Concen: 20.251 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

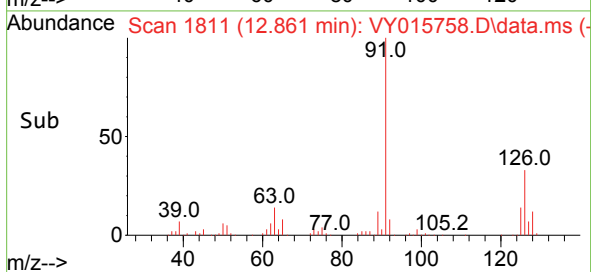
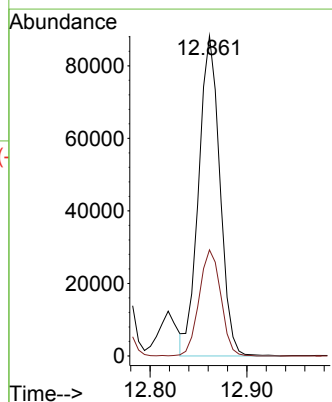
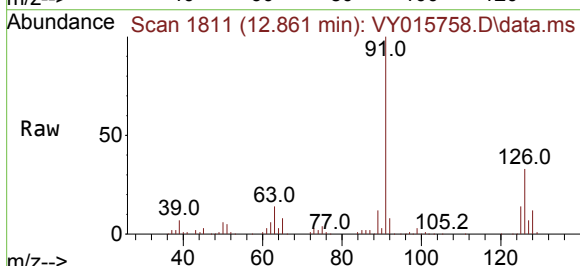
Instrument :
MSVOA_Y
ClientSampleId :

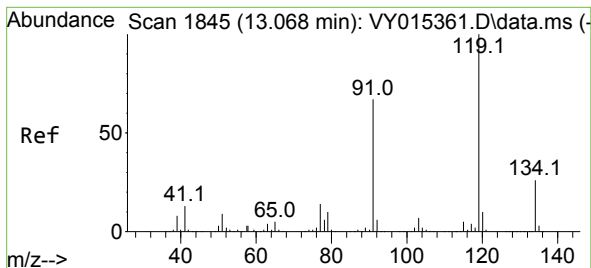
Tgt Ion: 75 Resp: 18607
Ion Ratio Lower Upper
75 100
53 90.7 77.8 116.8
89 44.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.108 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015758.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 91 Resp: 134401
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.972 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

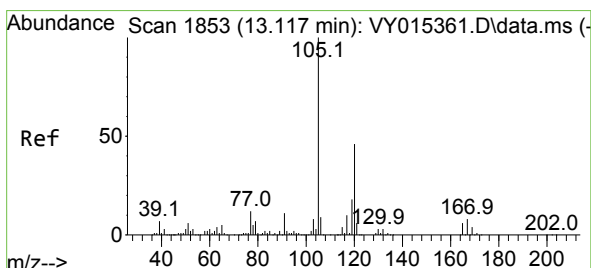
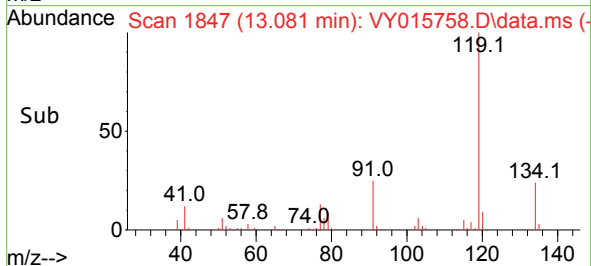
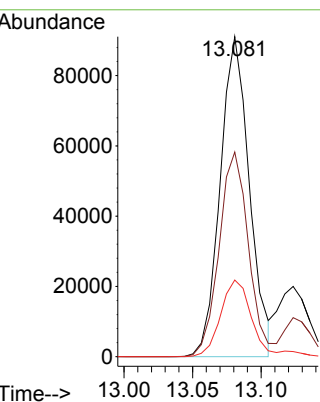
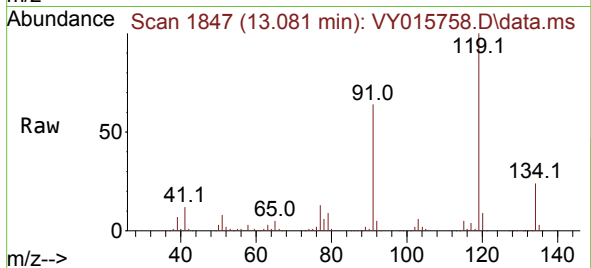
Tgt Ion:119 Resp: 135348

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.960 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015758.D

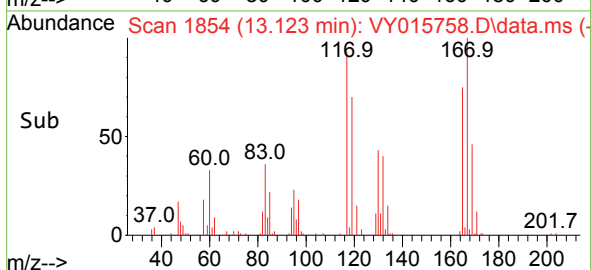
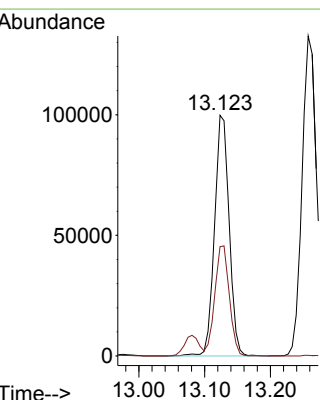
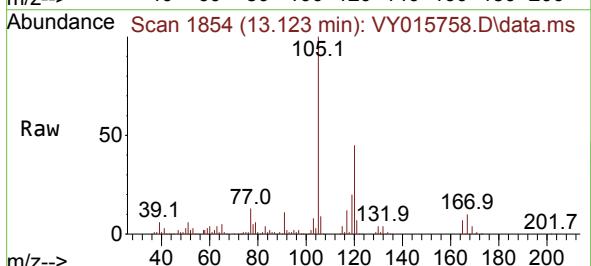
Acq: 29 Sep 2023 16:56

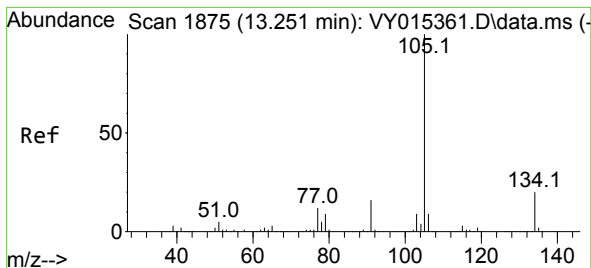
Tgt Ion:105 Resp: 154522

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.066 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

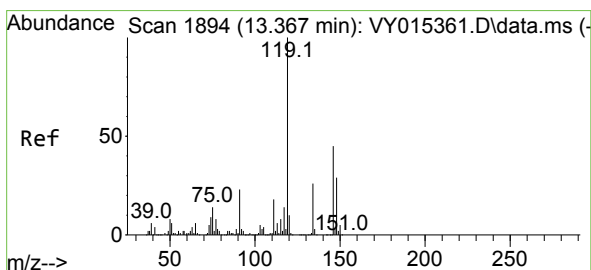
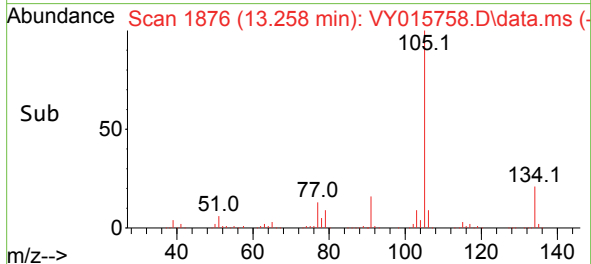
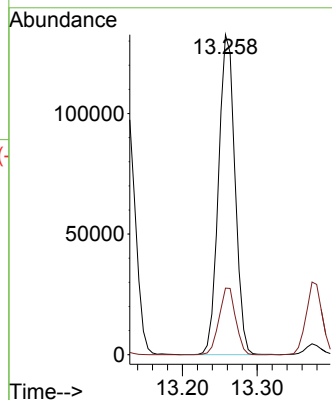
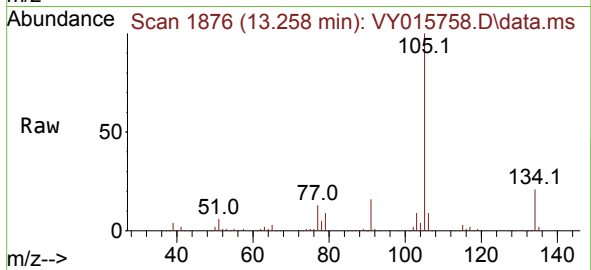
ClientSampleId :

Tgt Ion:105 Resp: 203552

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.088 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

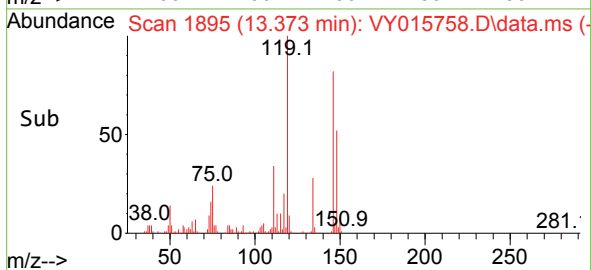
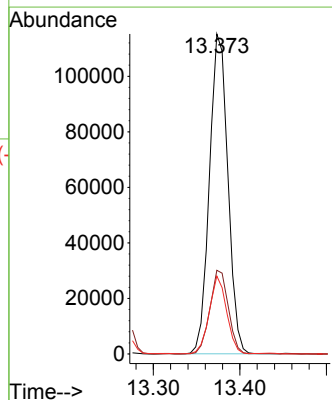
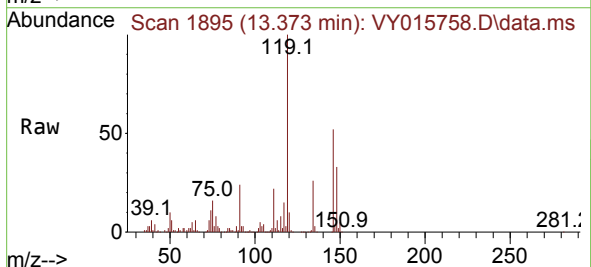
Tgt Ion:119 Resp: 170227

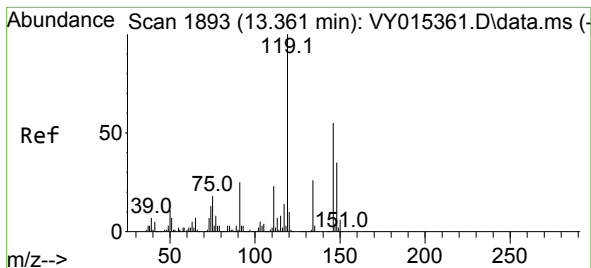
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.257 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

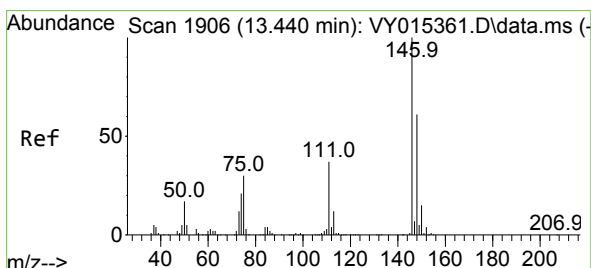
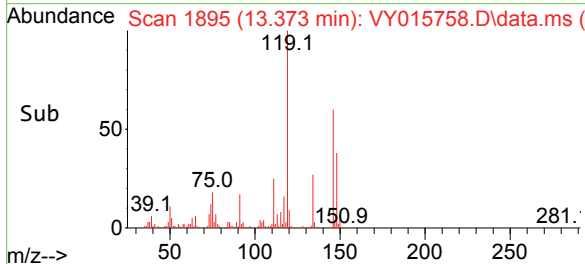
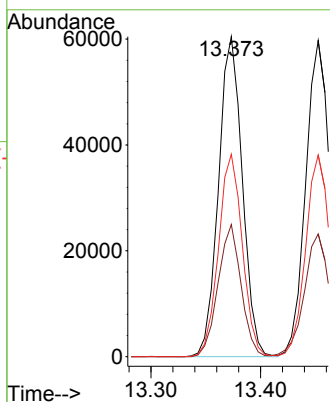
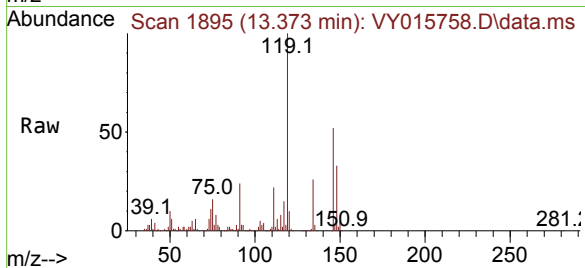
Tgt Ion:146 Resp: 91242

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.463 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

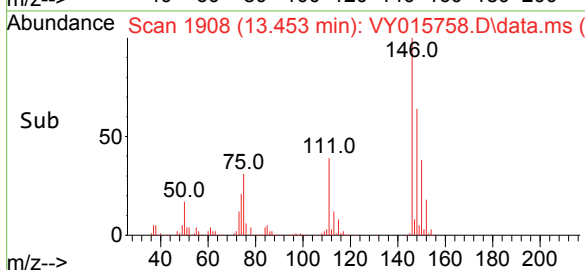
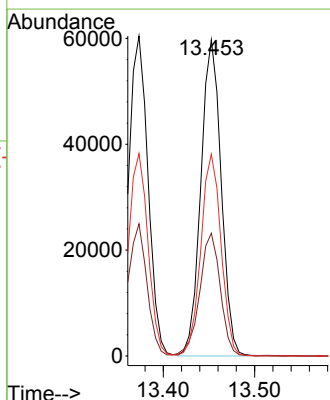
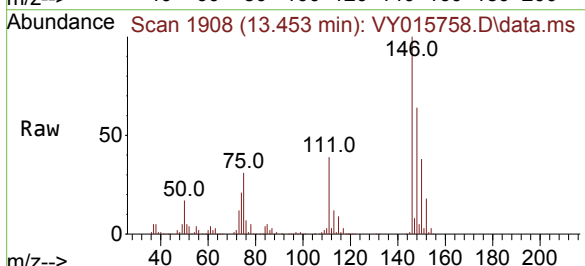
Tgt Ion:146 Resp: 92231

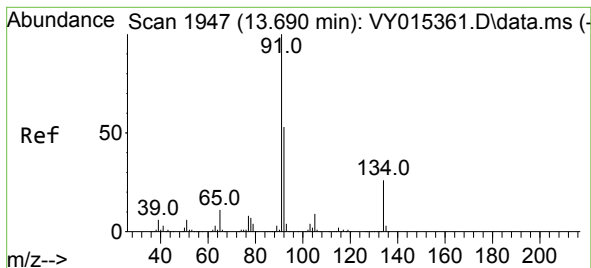
Ion Ratio Lower Upper

146 100

111 39.6 18.9 56.7

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.140 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

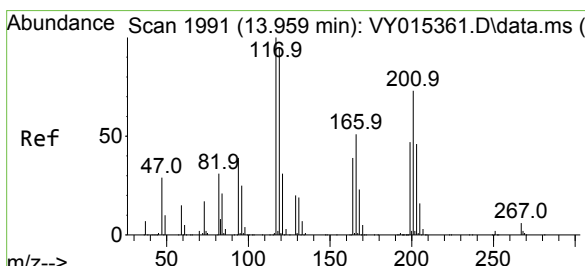
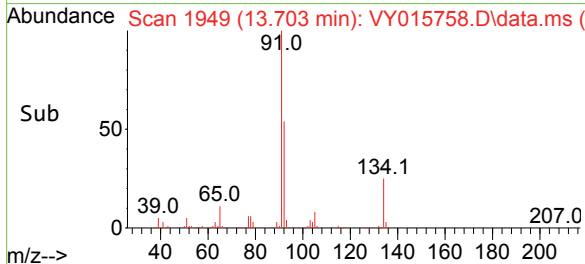
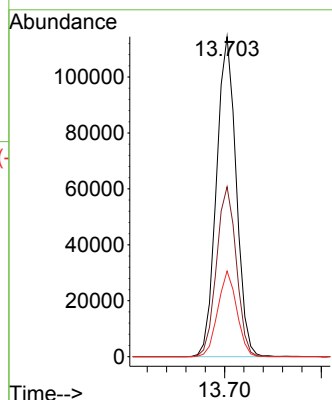
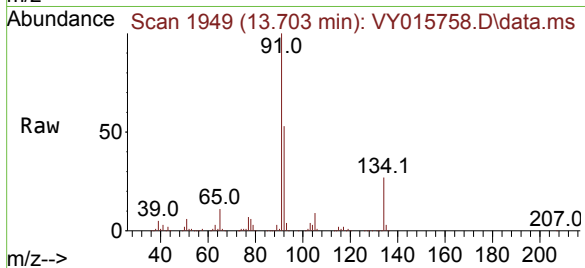
Tgt Ion: 91 Resp: 161635

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 19.090 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015758.D

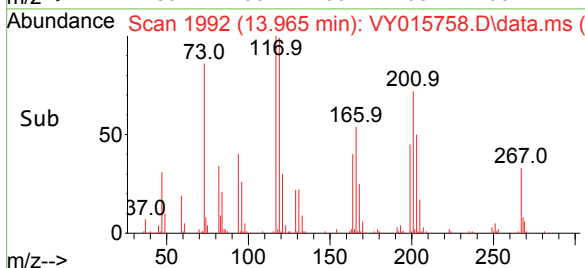
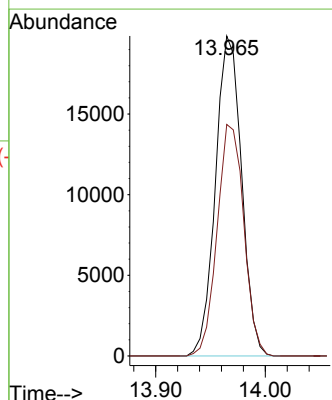
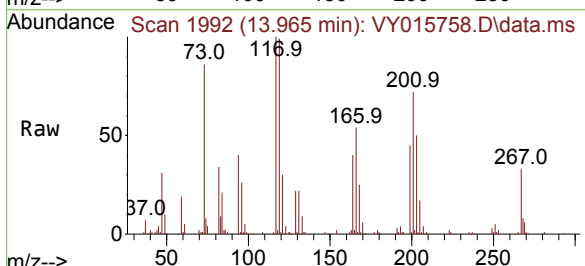
Acq: 29 Sep 2023 16:56

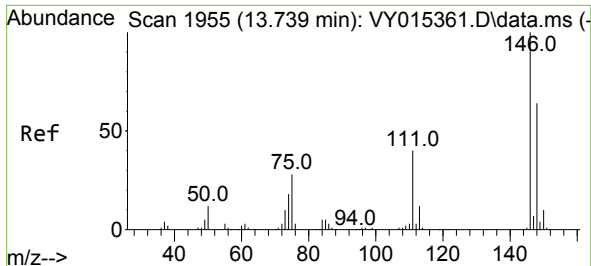
Tgt Ion: 117 Resp: 32857

Ion Ratio Lower Upper

117 100

201 73.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.463 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

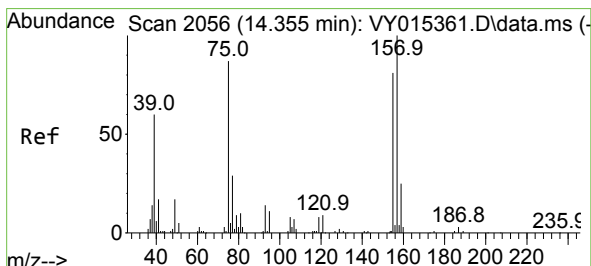
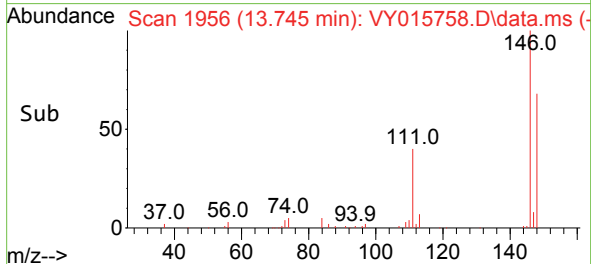
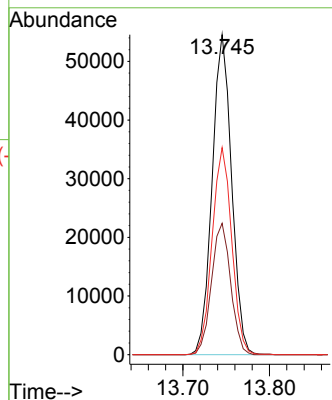
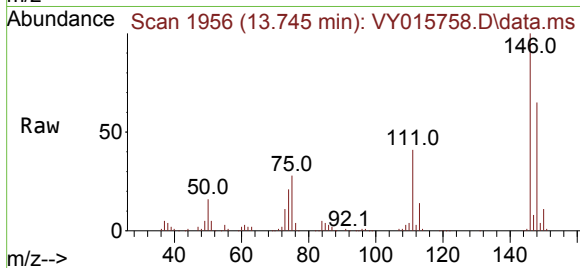
Tgt Ion:146 Resp: 85128

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

148 65.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.839 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

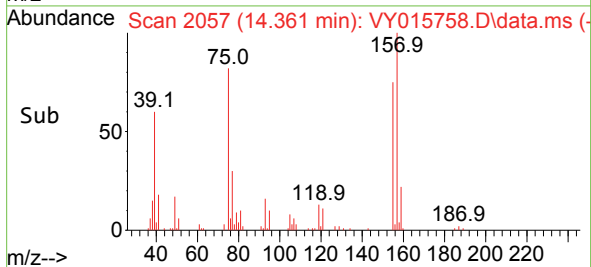
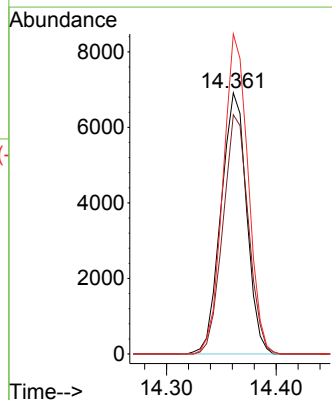
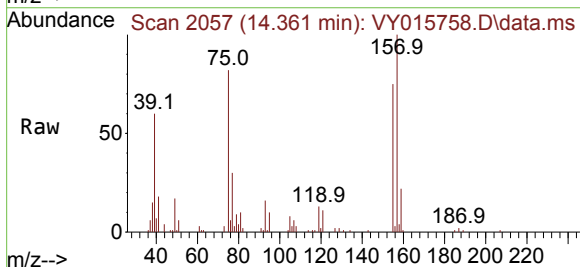
Tgt Ion: 75 Resp: 11207

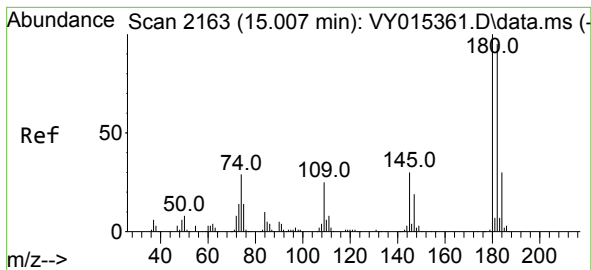
Ion Ratio Lower Upper

75 100

155 91.1 41.5 124.6

157 119.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.773 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

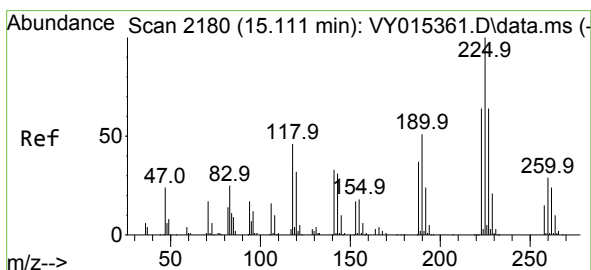
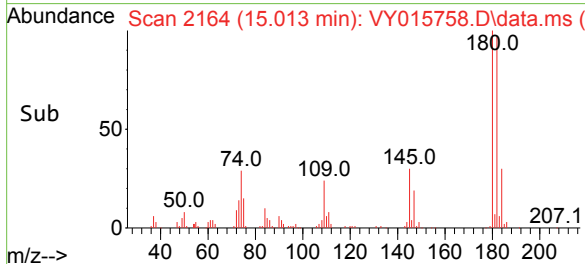
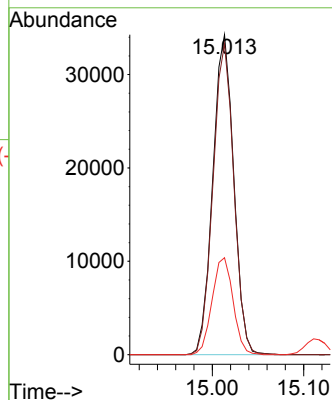
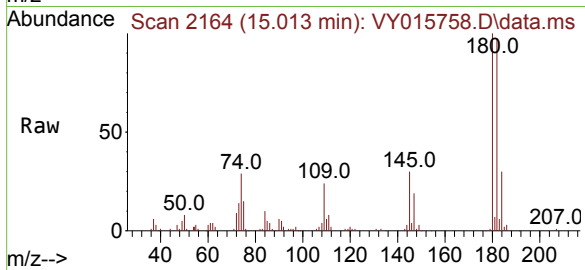
Tgt Ion:180 Resp: 54445

Ion Ratio Lower Upper

180 100

182 96.7 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.039 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

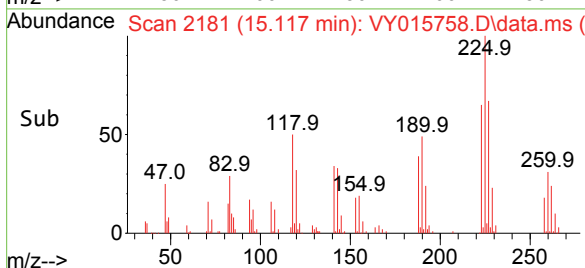
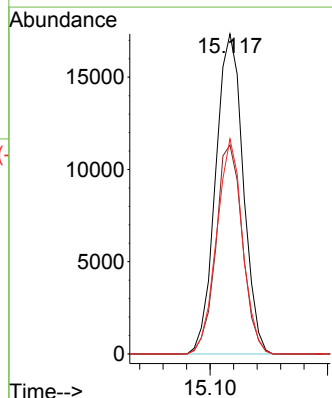
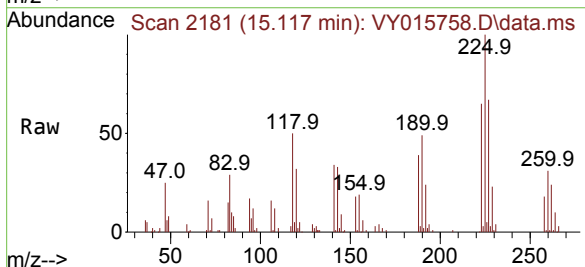
Tgt Ion:225 Resp: 28257

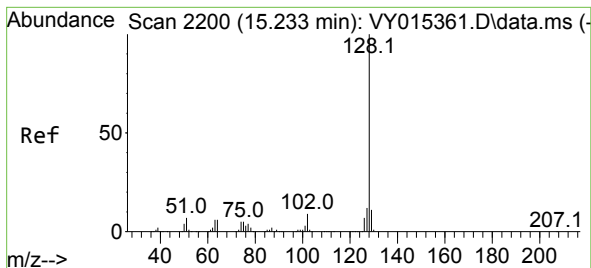
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 20.407 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015758.D

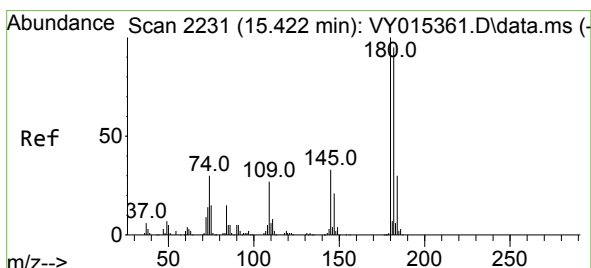
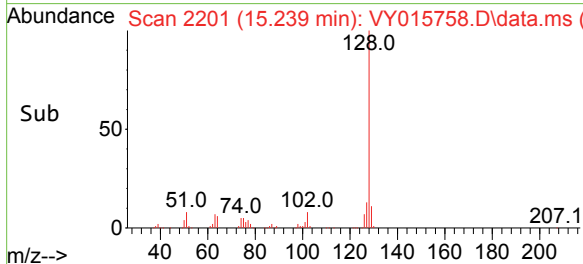
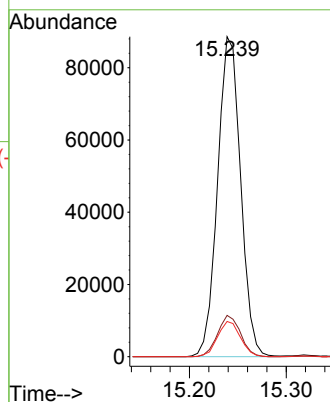
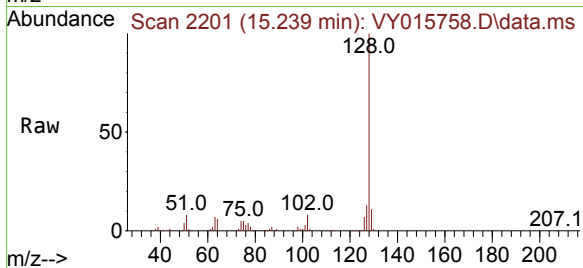
Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 146522
Ion Ratio	Lower Upper
128 100	
127 12.8	10.8 16.2
129 10.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.259 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015758.D

Acq: 29 Sep 2023 16:56

Tgt Ion:180	Resp: 51488
Ion Ratio	Lower Upper
180 100	
182 94.1	47.3 141.8
145 31.9	15.4 46.2

