

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015559.D
 Acq On : 15 Sep 2023 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 15:33:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	181803	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	306834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	278887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107089	54.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.900%	
35) Dibromofluoromethane	7.722	113	100439	56.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.660%	
50) Toluene-d8	10.185	98	334869	52.323	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.640%	
62) 4-Bromofluorobenzene	12.483	95	131518	55.354	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	66513	42.088	ug/l	97
3) Chloromethane	2.113	50	94303	44.932	ug/l	97
4) Vinyl Chloride	2.253	62	107753	44.109	ug/l	96
5) Bromomethane	2.650	94	79363	45.658	ug/l	94
6) Chloroethane	2.790	64	77309	48.146	ug/l	97
7) Trichlorofluoromethane	3.125	101	158266	45.801	ug/l	99
8) Diethyl Ether	3.533	74	63144	53.470	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	91334	47.688	ug/l	95
10) Methyl Iodide	4.094	142	115516	51.360	ug/l	98
11) Tert butyl alcohol	4.984	59	80611	179.862	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	85724	47.434	ug/l	92
13) Acrolein	3.735	56	122172	226.780	ug/l	99
14) Allyl chloride	4.485	41	147829	51.375	ug/l	96
15) Acrylonitrile	5.173	53	189700	255.281	ug/l	98
16) Acetone	3.960	43	217745	267.677	ug/l	93
17) Carbon Disulfide	4.198	76	219495	40.625	ug/l	98
18) Methyl Acetate	4.485	43	169058	57.378	ug/l	92
19) Methyl tert-butyl Ether	5.228	73	321673	54.764	ug/l	99
20) Methylene Chloride	4.722	84	146688	57.600	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	102292	49.153	ug/l	96
22) Diisopropyl ether	6.124	45	345481	54.898	ug/l	92
23) Vinyl Acetate	6.064	43	980446	246.755	ug/l	96
24) 1,1-Dichloroethane	6.021	63	195301	53.685	ug/l	97
25) 2-Butanone	6.990	43	298987	259.142	ug/l	97
26) 2,2-Dichloropropane	6.984	77	167465	54.199	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	125462	53.142	ug/l	95
28) Bromochloromethane	7.338	49	63874	57.256	ug/l	94
29) Tetrahydrofuran	7.356	42	175501	242.227	ug/l	91
30) Chloroform	7.508	83	208384	54.490	ug/l	97
31) Cyclohexane	7.789	56	145801	42.116	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	179366	52.510	ug/l	98
36) 1,1-Dichloropropene	7.923	75	143097	46.113	ug/l	99
37) Ethyl Acetate	7.082	43	114348	47.778	ug/l	96
38) Carbon Tetrachloride	7.905	117	156950	48.970	ug/l	99
39) Methylcyclohexane	9.185	83	165366	42.328	ug/l	94
40) Benzene	8.167	78	434258	50.158	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	57248	51.008	ug/l	97
42) 1,2-Dichloroethane	8.240	62	145065	50.248	ug/l	96
43) Isopropyl Acetate	8.277	43	208919	50.481	ug/l	97
44) Trichloroethene	8.941	130	121698	49.681	ug/l	98
45) 1,2-Dichloropropane	9.221	63	112530	51.559	ug/l	93
46) Dibromomethane	9.307	93	73240	50.518	ug/l	96
47) Bromodichloromethane	9.502	83	166008	53.544	ug/l	98
48) Methyl methacrylate	9.295	41	93160	49.062	ug/l	91
49) 1,4-Dioxane	9.313	88	25714	954.884	ug/l #	57
51) 4-Methyl-2-Pentanone	10.075	43	605781	251.838	ug/l	93
52) Toluene	10.246	92	280203	50.495	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	174700	53.021	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	189093	52.756	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	102988	52.721	ug/l	96
56) Ethyl methacrylate	10.514	69	151806	52.441	ug/l	90
57) 1,3-Dichloropropane	10.794	76	173164	51.497	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	233141	225.638	ug/l	94
59) 2-Hexanone	10.837	43	460706	255.250	ug/l	91
60) Dibromochloromethane	10.989	129	123921	54.199	ug/l	99
61) 1,2-Dibromoethane	11.093	107	100988	51.020	ug/l	100
64) Tetrachloroethene	10.721	164	130339	51.490	ug/l	98
65) Chlorobenzene	11.520	112	309303	51.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	120206	54.648	ug/l	99
67) Ethyl Benzene	11.593	91	547986	50.781	ug/l	100
68) m/p-Xylenes	11.703	106	423506	101.249	ug/l	95
69) o-Xylene	12.032	106	205473	51.401	ug/l	99
70) Styrene	12.044	104	355808	52.936	ug/l	97
71) Bromoform	12.209	173	83348	54.320	ug/l #	99
73) Isopropylbenzene	12.331	105	543261	50.925	ug/l	99
74) N-amyl acetate	12.148	43	186482	52.032	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	132080	51.865	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	176081	93.492	ug/l #	100
77) Bromobenzene	12.611	156	132416	52.408	ug/l	98
78) n-propylbenzene	12.672	91	652430	50.543	ug/l	99
79) 2-Chlorotoluene	12.757	91	373673	51.611	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	455607	51.060	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	45484	53.273	ug/l	97
82) 4-Chlorotoluene	12.855	91	385249	51.199	ug/l	99
83) tert-Butylbenzene	13.074	119	405181	51.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	453977	51.242	ug/l	99
85) sec-Butylbenzene	13.257	105	596476	51.169	ug/l	100
86) p-Isopropyltoluene	13.373	119	498738	51.049	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	258722	51.868	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	256003	50.773	ug/l	99
89) n-Butylbenzene	13.696	91	454361	49.411	ug/l	97
90) Hexachloroethane	13.965	117	94857	54.287	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	238449	52.383	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25038	49.702	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	146562	51.268	ug/l	99
94) Hexachlorobutadiene	15.117	225	77103	49.462	ug/l	98
95) Naphthalene	15.239	128	372773	52.641	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	135298	51.887	ug/l	98

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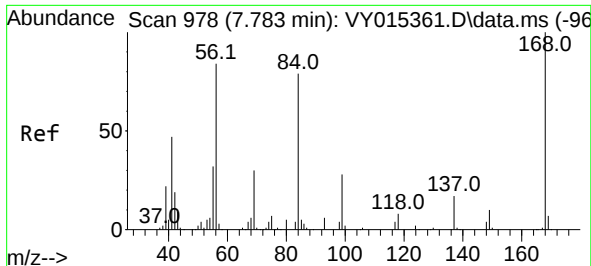
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QLast Update : Thu Aug 31 20:01:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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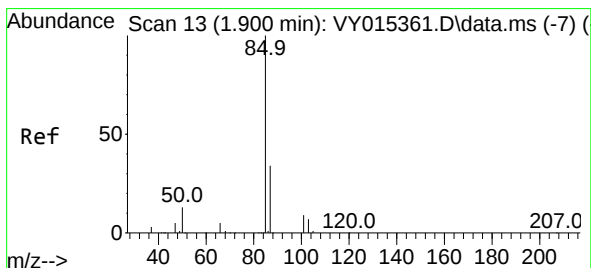
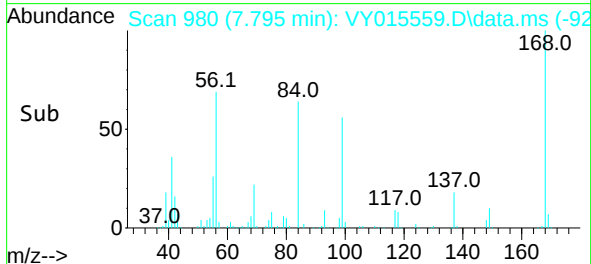
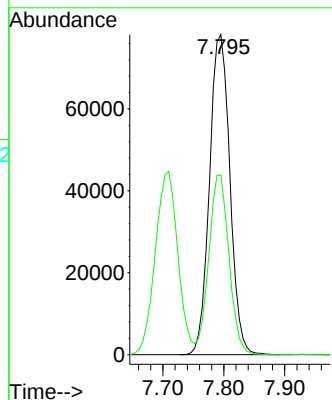
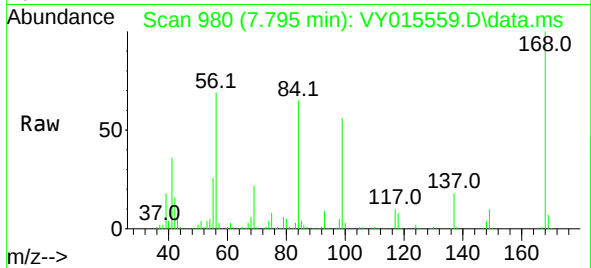




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
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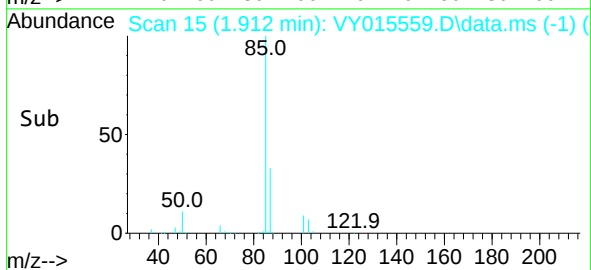
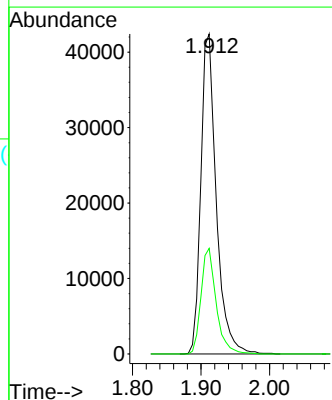
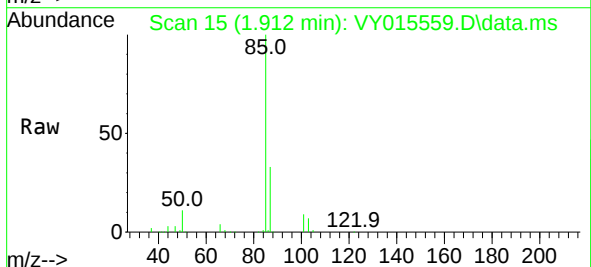
Instrument :
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ClientSampleId :

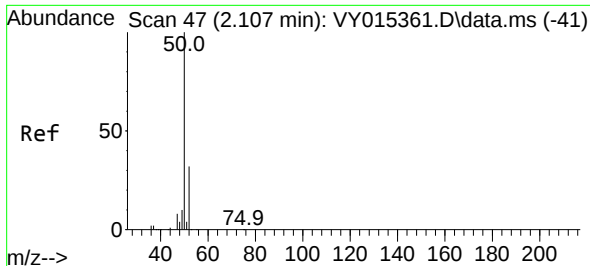
Tgt Ion:168 Resp: 181803
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 42.088 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 85 Resp: 66513
Ion Ratio Lower Upper
85 100
87 33.0 15.6 46.8

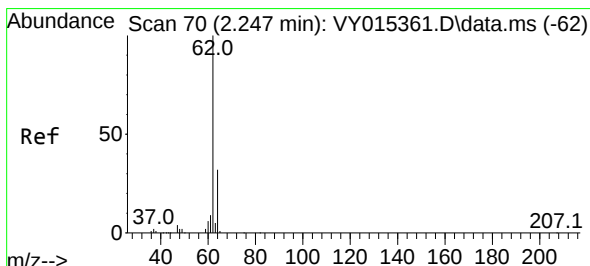
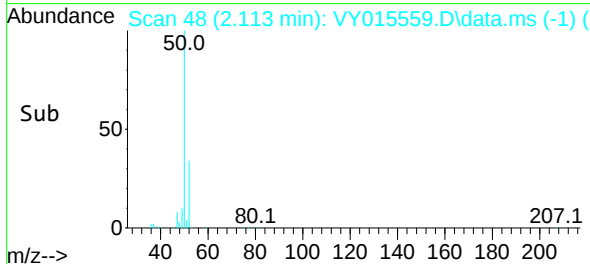
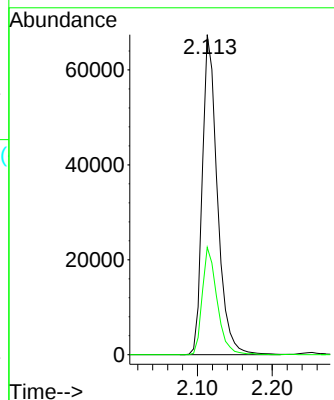
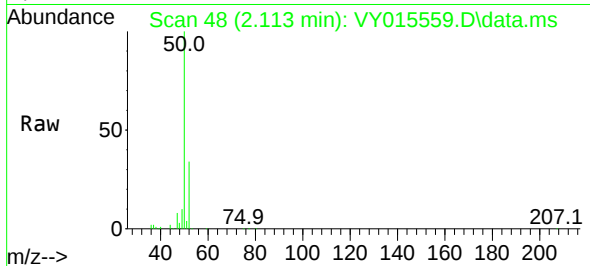




#3
Chloromethane
Concen: 44.932 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

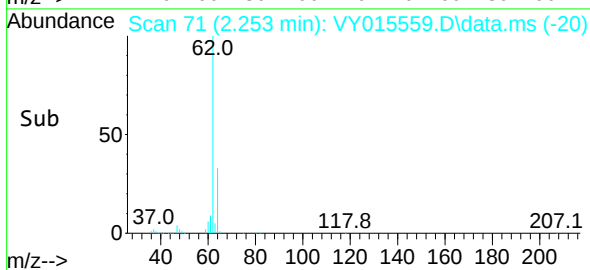
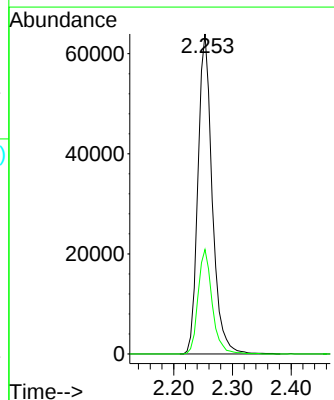
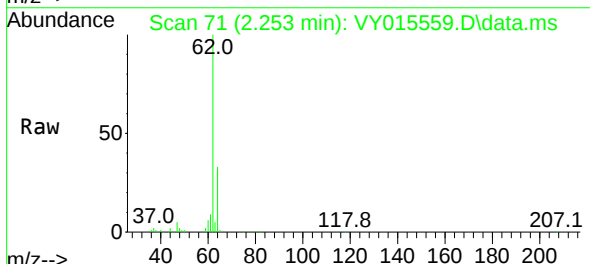
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ClientSampleId :

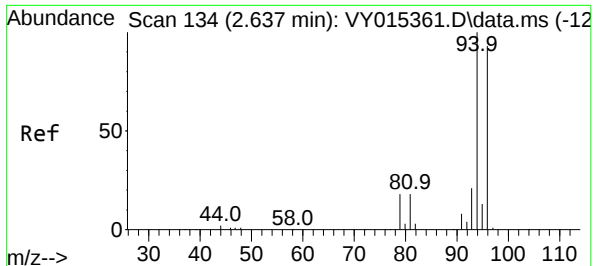
Tgt Ion: 50 Resp: 94303
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 44.109 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 62 Resp: 107753
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5

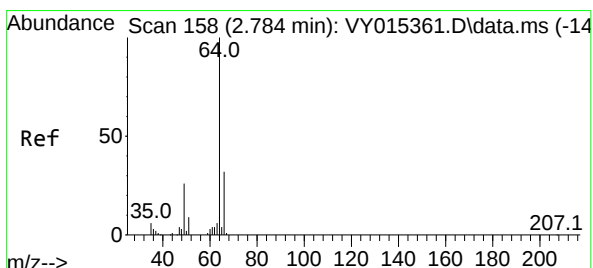
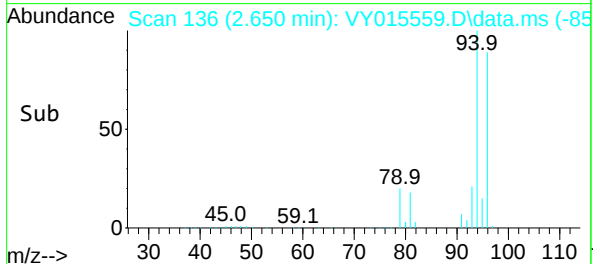
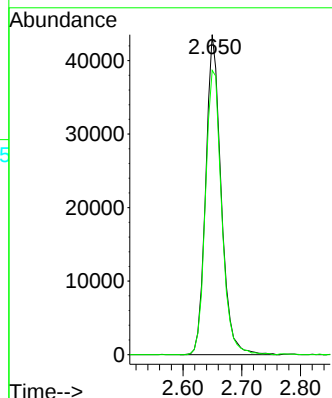
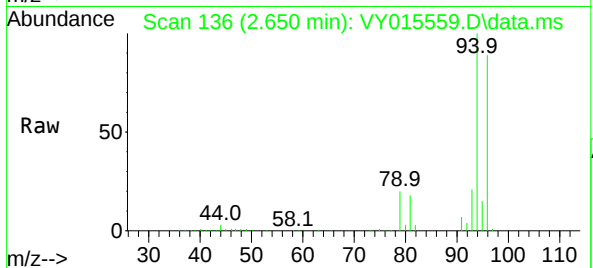




#5
Bromomethane
Concen: 45.658 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

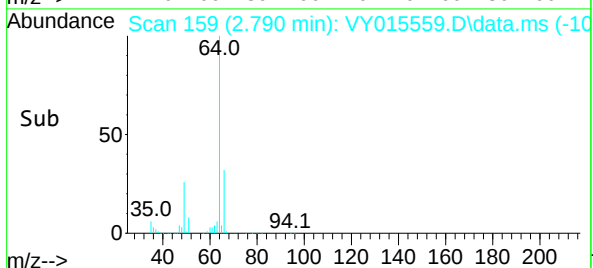
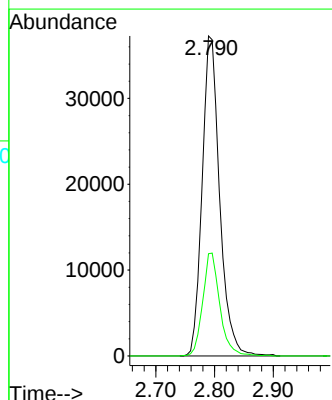
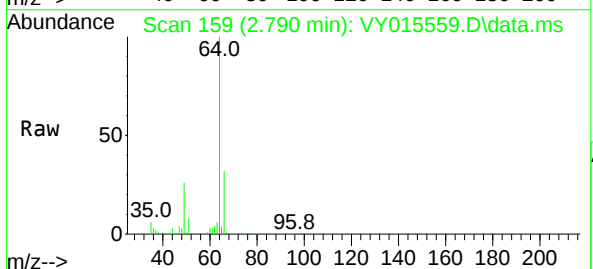
Instrument :
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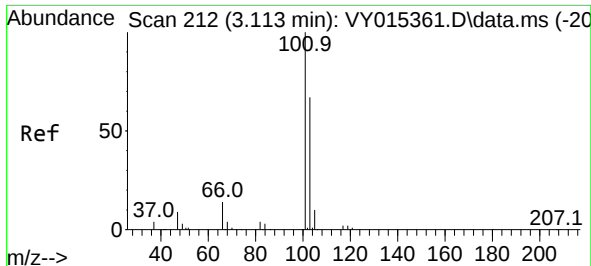
Tgt Ion: 94 Resp: 79363
Ion Ratio Lower Upper
94 100
96 88.8 75.8 113.6



#6
Chloroethane
Concen: 48.146 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

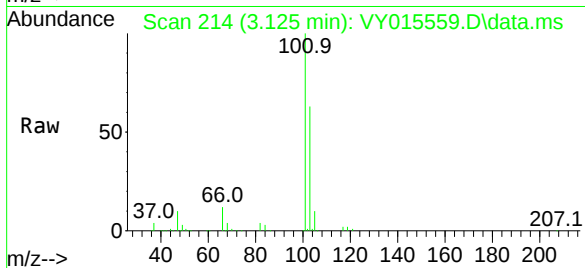
Tgt Ion: 64 Resp: 77309
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6



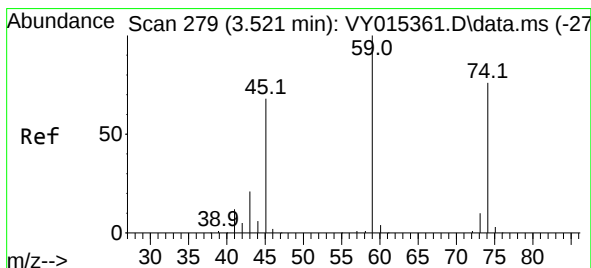
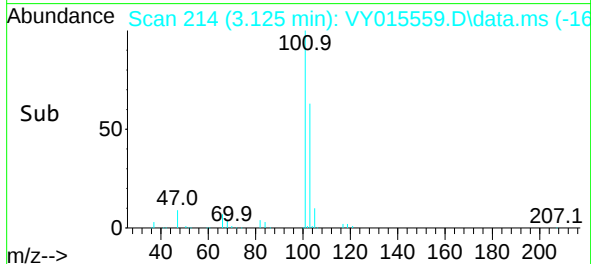
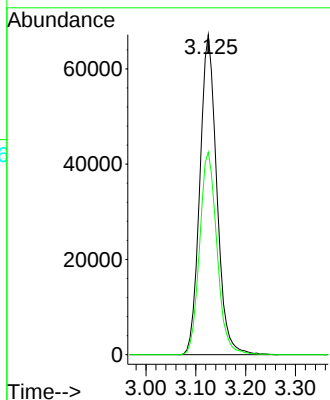


#7
 Trichlorofluoromethane
 Concen: 45.801 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY015559.D
 Acq: 15 Sep 2023 10:12

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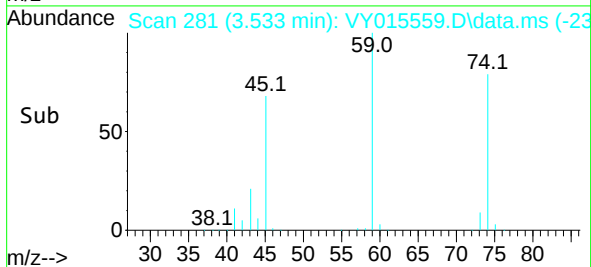
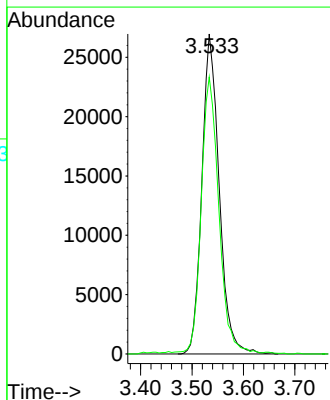
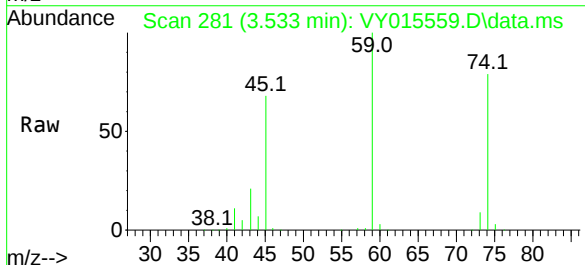


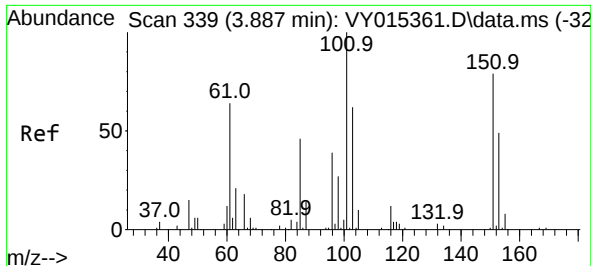
Tgt Ion:101 Resp: 158266
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 53.470 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015559.D
 Acq: 15 Sep 2023 10:12

Tgt Ion: 74 Resp: 63144
 Ion Ratio Lower Upper
 74 100
 45 86.9 51.5 154.5

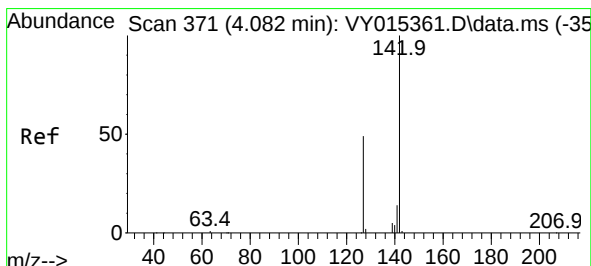
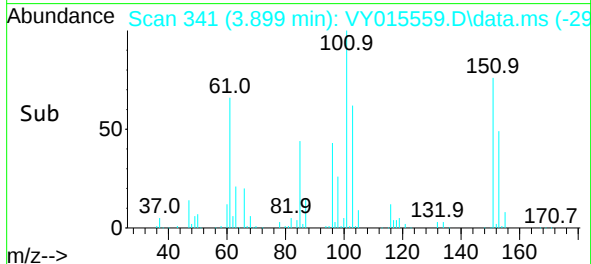
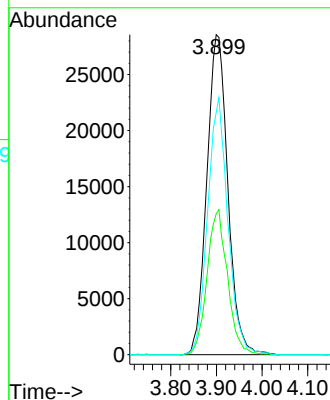
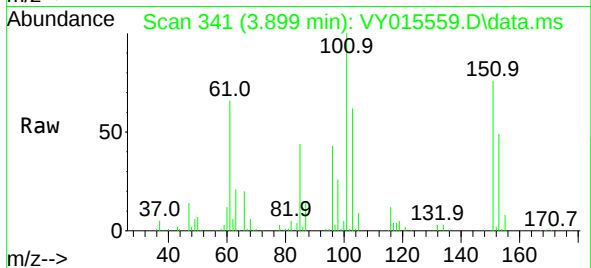




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.688 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015559.D
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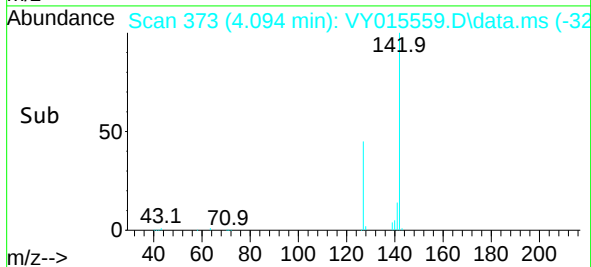
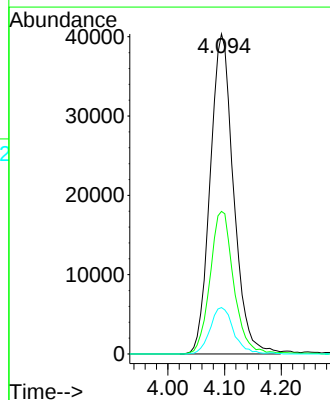
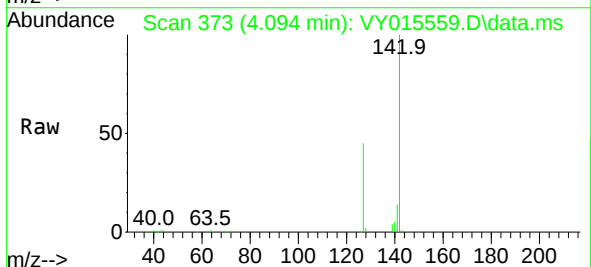
Instrument :
MSVOA_Y
ClientSampleId :

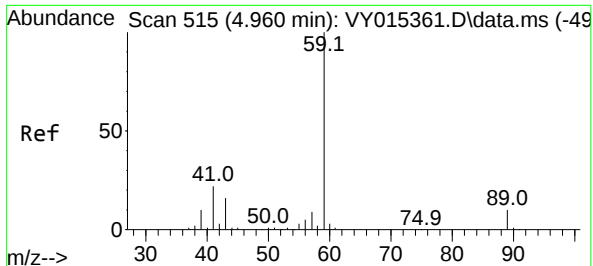
Tgt Ion:101 Resp: 91334
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 77.8 67.0 100.6



#10
Methyl Iodide
Concen: 51.360 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion:142 Resp: 115516
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 14.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 179.862 ug/l

RT: 4.984 min Scan# 51

Delta R.T. 0.030 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

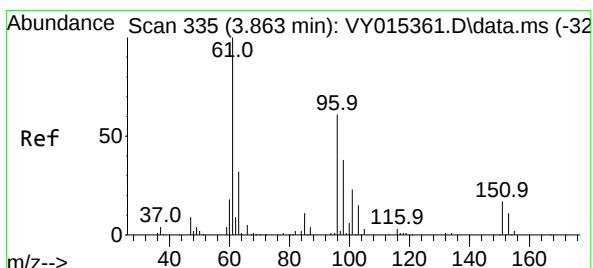
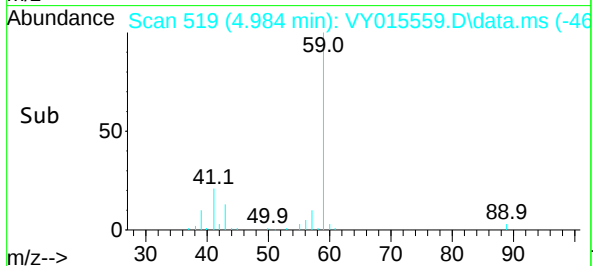
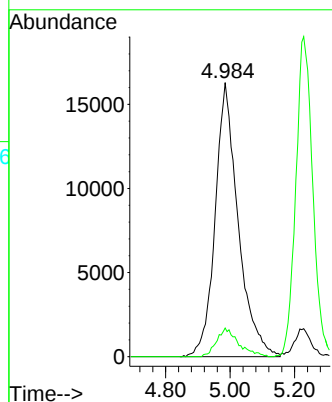
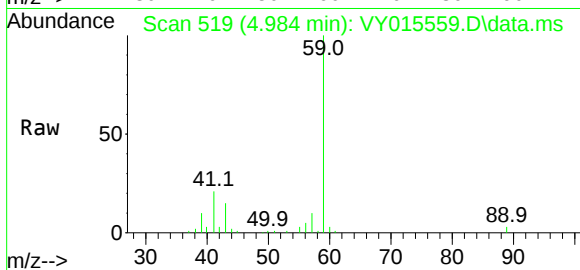
ClientSampleId :

Tgt Ion: 59 Resp: 80611

Ion Ratio Lower Upper

59 100

57 9.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 47.434 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

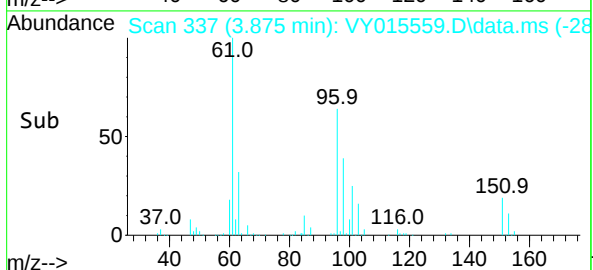
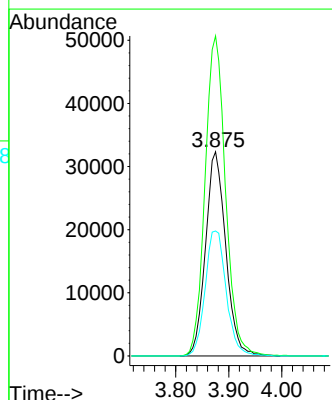
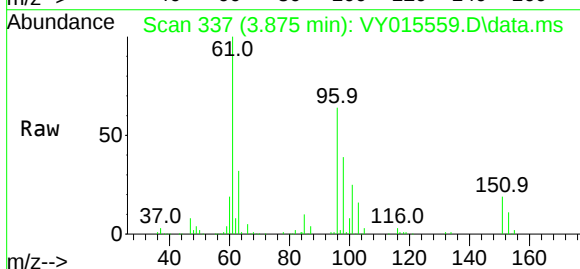
Tgt Ion: 96 Resp: 85724

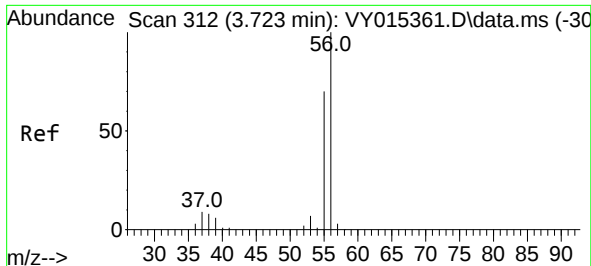
Ion Ratio Lower Upper

96 100

61 156.7 136.4 204.6

98 61.2 49.4 74.2





#13

Acrolein

Concen: 226.780 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

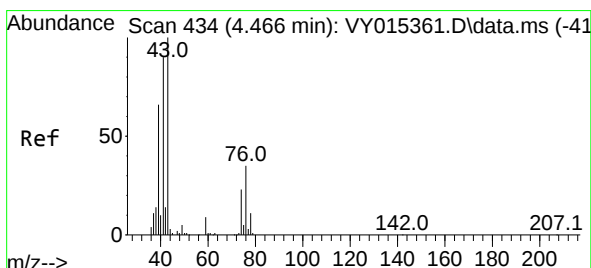
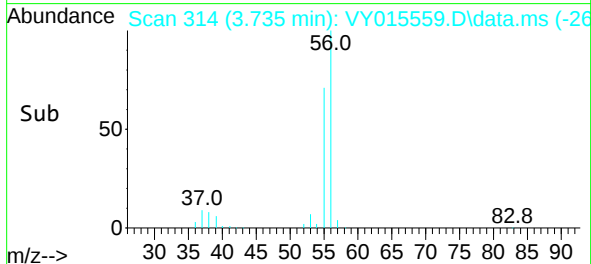
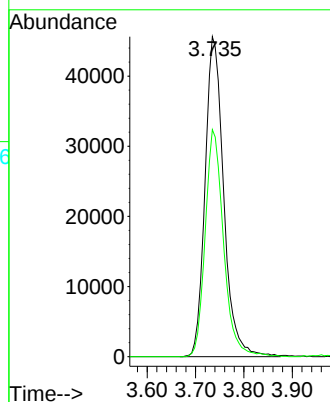
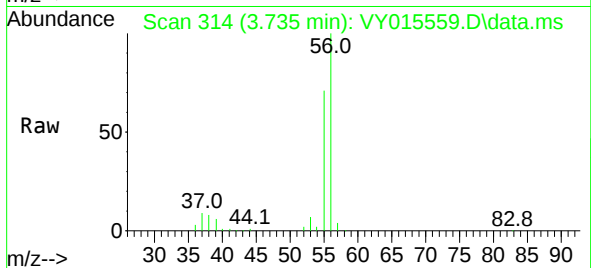
ClientSampleId :

Tgt Ion: 56 Resp: 122172

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 51.375 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

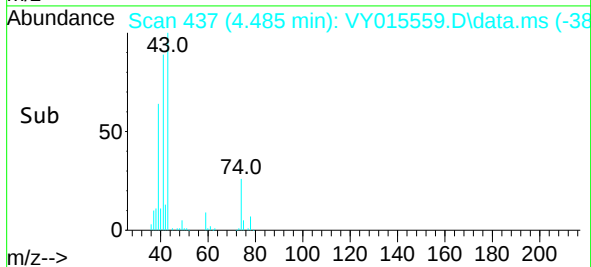
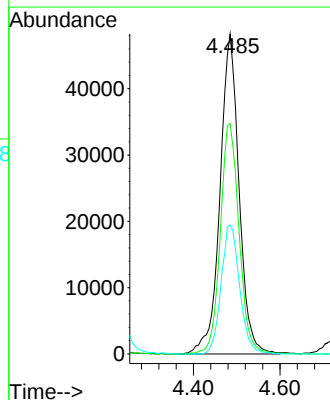
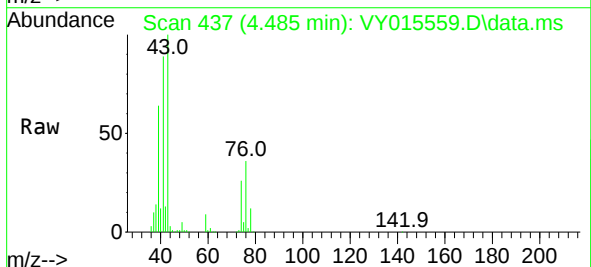
Tgt Ion: 41 Resp: 147829

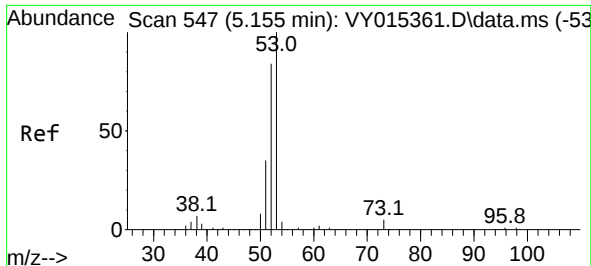
Ion Ratio Lower Upper

41 100

39 71.0 58.0 87.0

76 39.2 27.4 41.2

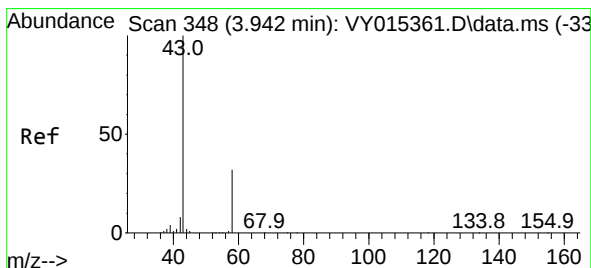
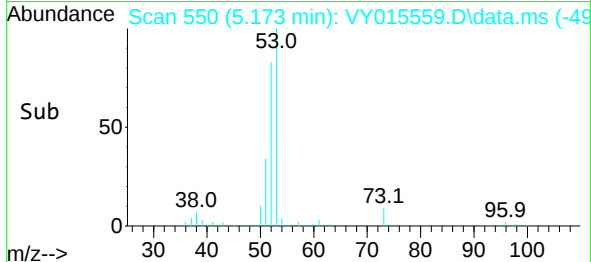
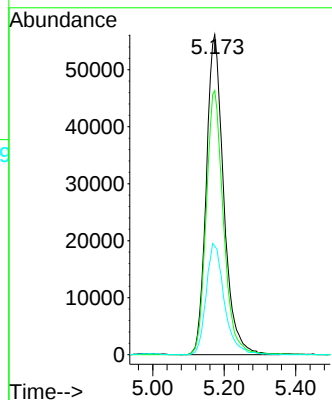
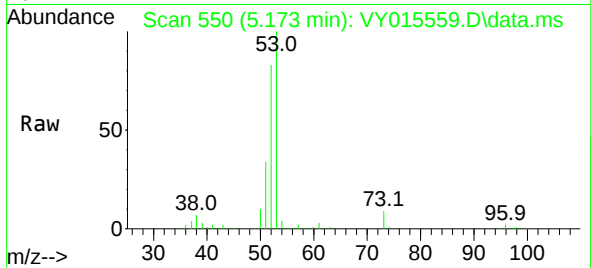




#15
Acrylonitrile
Concen: 255.281 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

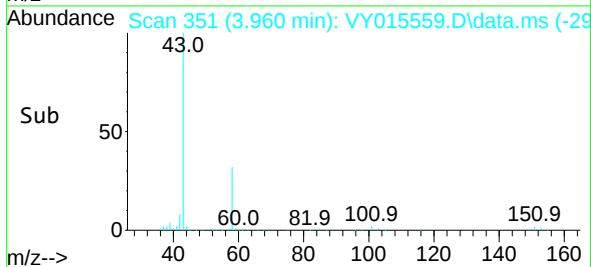
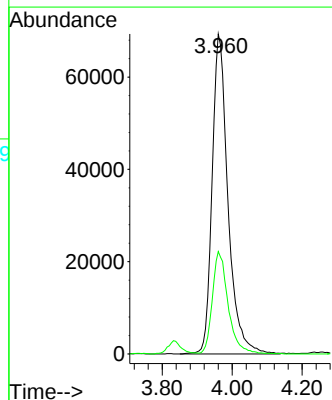
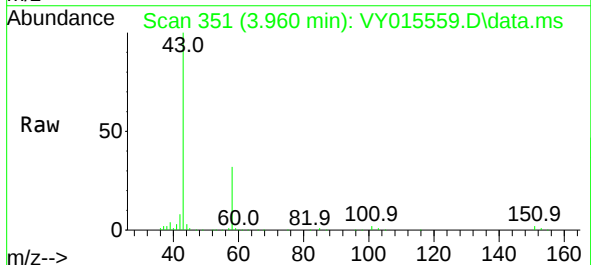
Instrument :
MSVOA_Y
ClientSampleId :

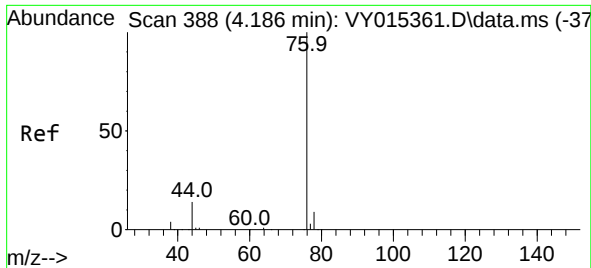
Tgt Ion: 53 Resp: 189700
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 267.677 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 43 Resp: 217745
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1





#17

Carbon Disulfide

Concen: 40.625 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.012 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

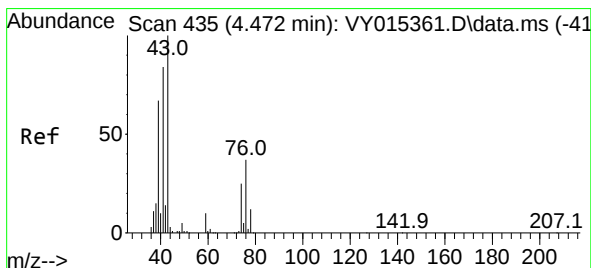
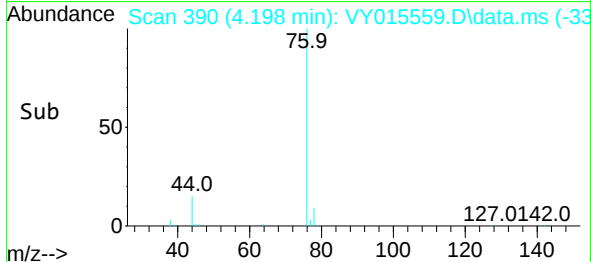
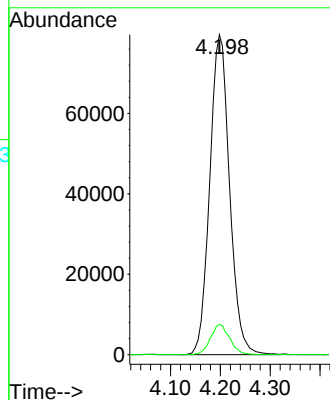
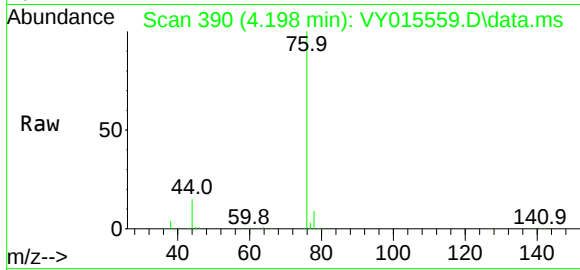
ClientSampleId :

Tgt Ion: 76 Resp: 219495

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4



#18

Methyl Acetate

Concen: 57.378 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY015559.D

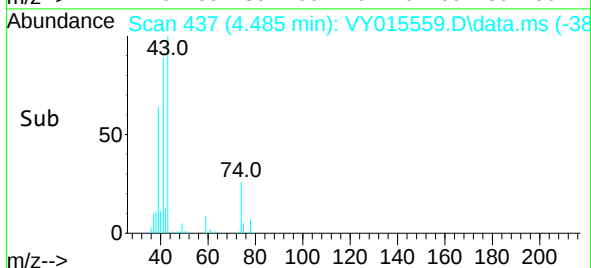
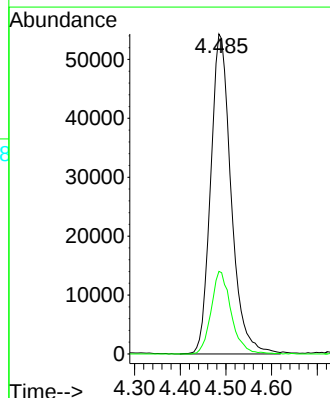
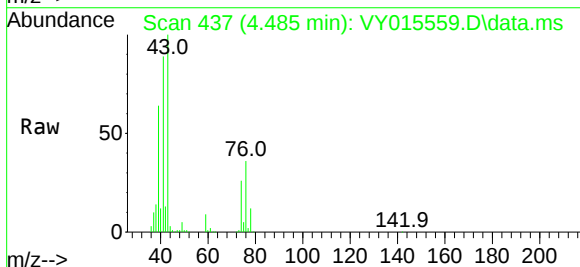
Acq: 15 Sep 2023 10:12

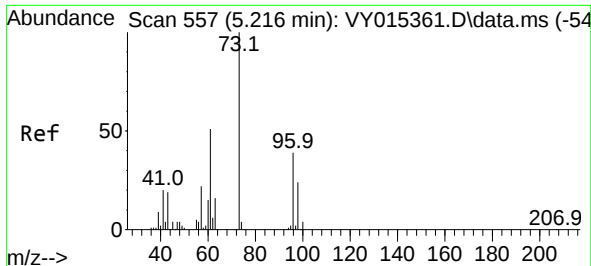
Tgt Ion: 43 Resp: 169058

Ion Ratio Lower Upper

43 100

74 25.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 54.764 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

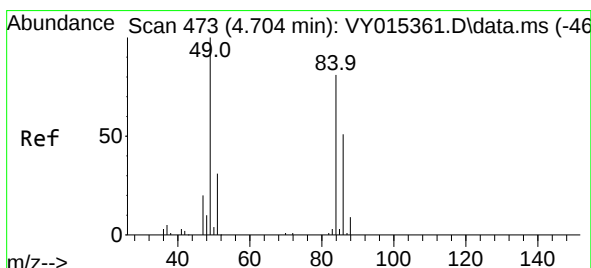
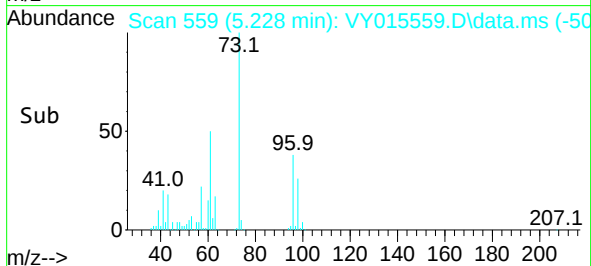
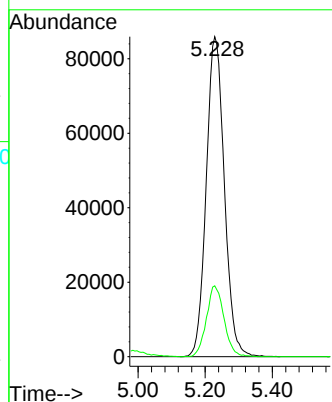
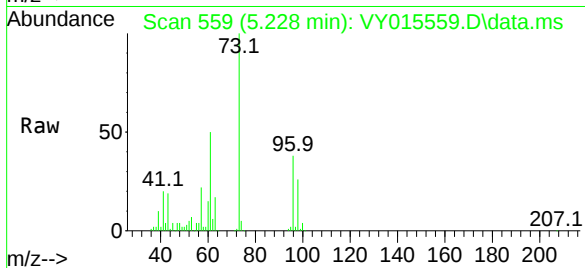
ClientSampleId :

Tgt Ion: 73 Resp: 321673

Ion Ratio Lower Upper

73 100

57 22.1 17.3 25.9



#20

Methylene Chloride

Concen: 57.600 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Tgt Ion: 84 Resp: 146688

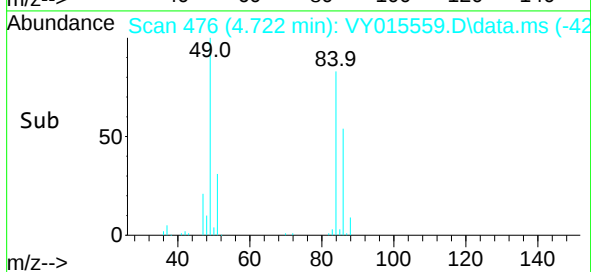
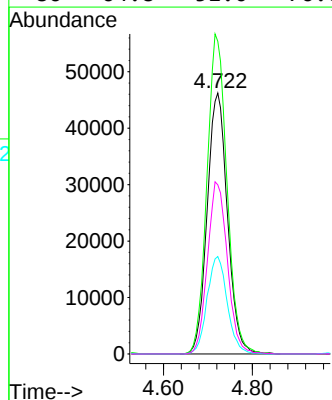
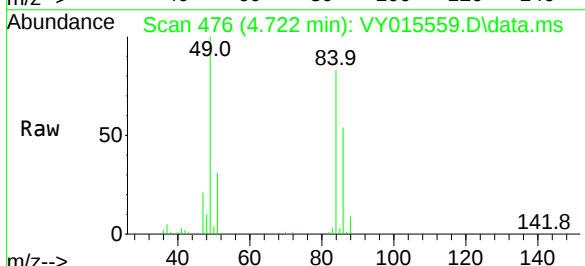
Ion Ratio Lower Upper

84 100

49 119.8 106.9 160.3

51 37.3 33.2 49.8

86 64.8 51.0 76.6

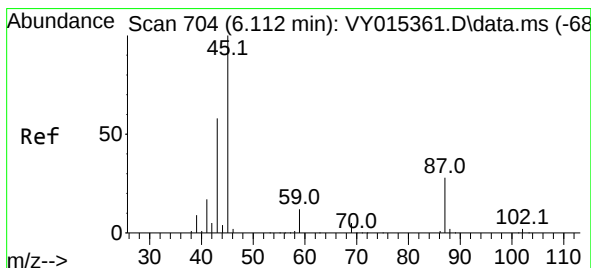
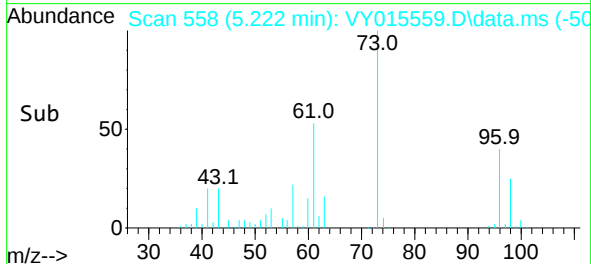
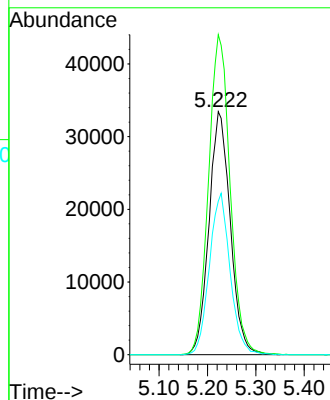
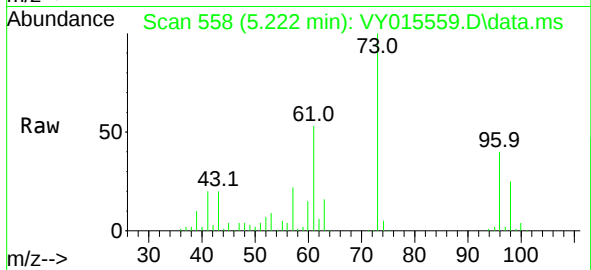




#21
trans-1,2-Dichloroethene
Concen: 49.153 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

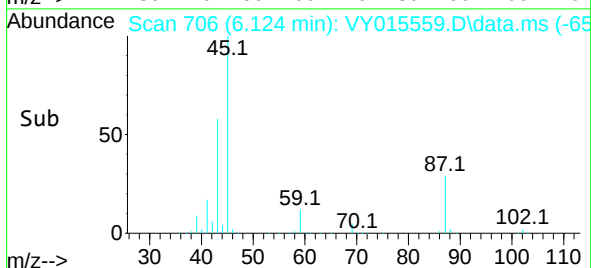
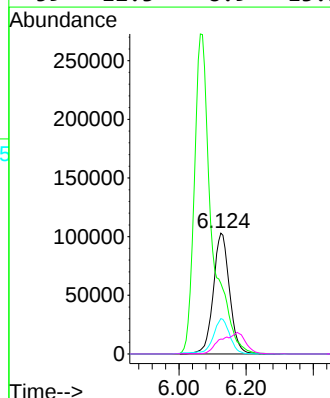
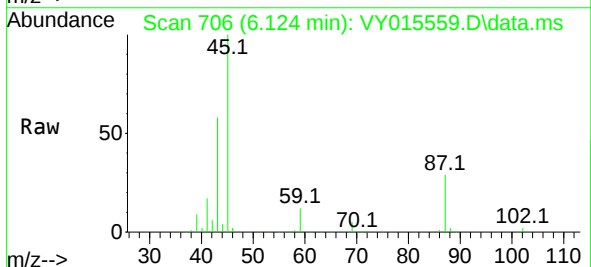
Instrument :
MSVOA_Y
ClientSampleId :

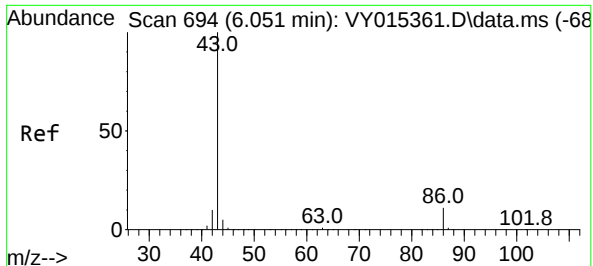
Tgt Ion: 96 Resp: 102292
Ion Ratio Lower Upper
96 100
61 131.7 110.2 165.4
98 63.1 51.8 77.6



#22
Diisopropyl ether
Concen: 54.898 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 45 Resp: 345481
Ion Ratio Lower Upper
45 100
43 58.3 52.2 78.4
87 29.3 21.0 31.6
59 12.3 8.9 13.3

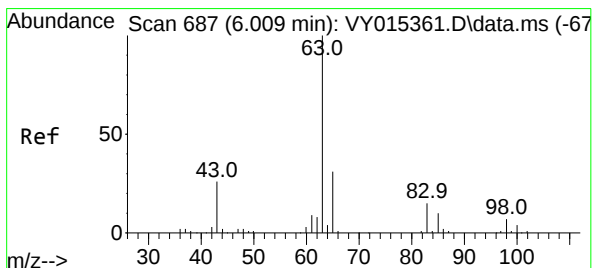
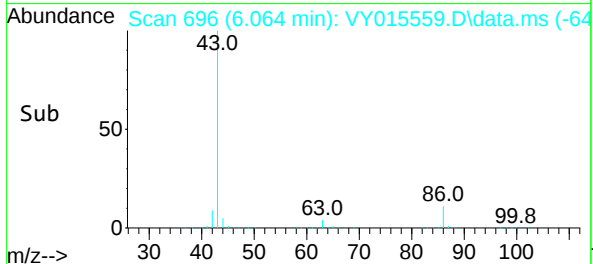
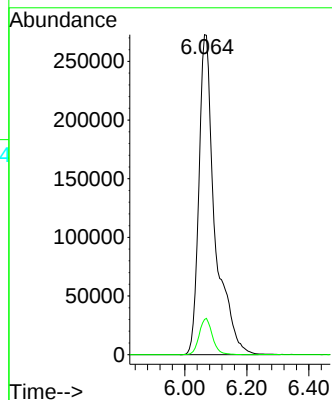
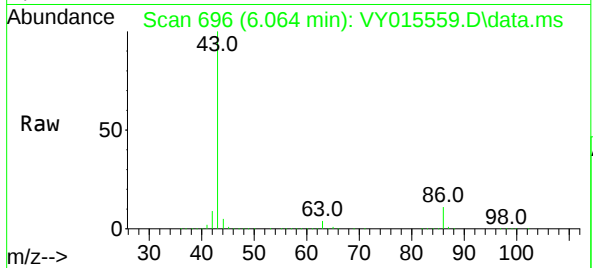




#23
 Vinyl Acetate
 Concen: 246.755 ug/l
 RT: 6.064 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY015559.D
 Acq: 15 Sep 2023 10:12

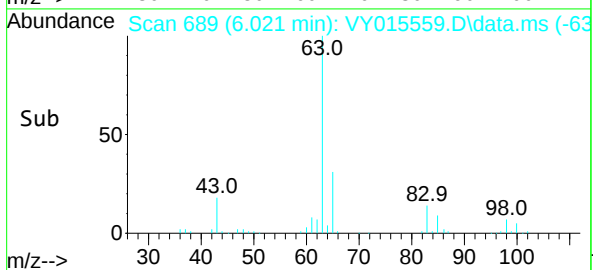
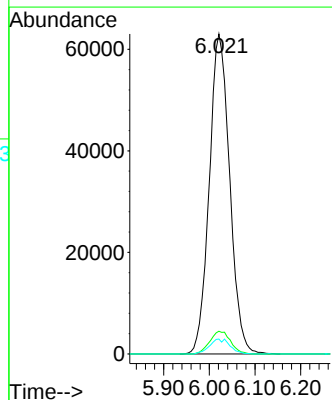
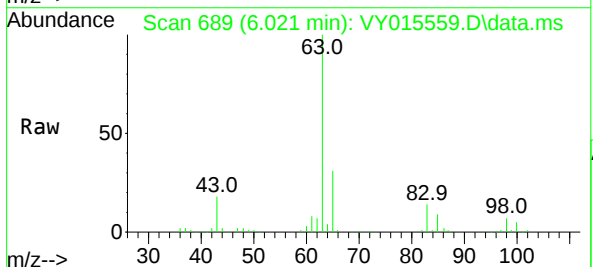
Instrument :
 MSVOA_Y
 ClientSampleId :

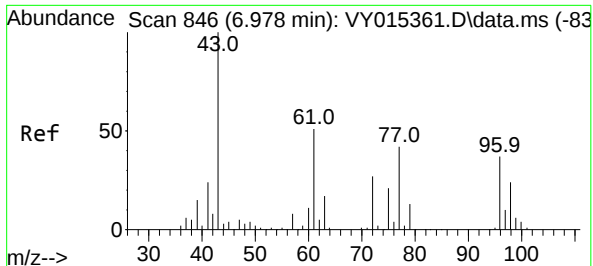
Tgt Ion: 43 Resp: 980446
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 53.685 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.018 min
 Lab File: VY015559.D
 Acq: 15 Sep 2023 10:12

Tgt Ion: 63 Resp: 195301
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 259.142 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

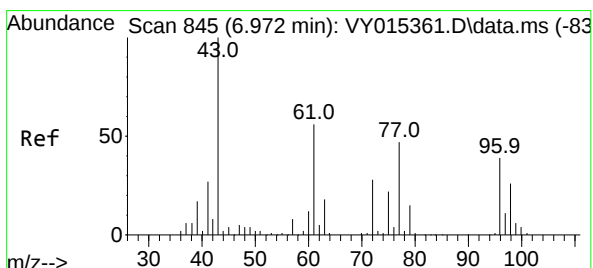
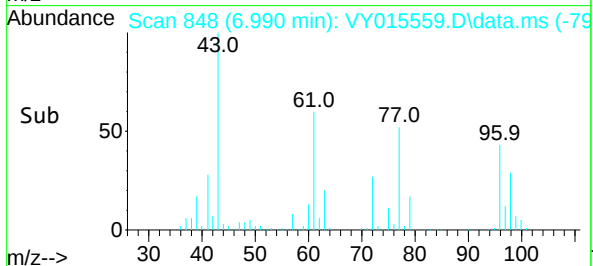
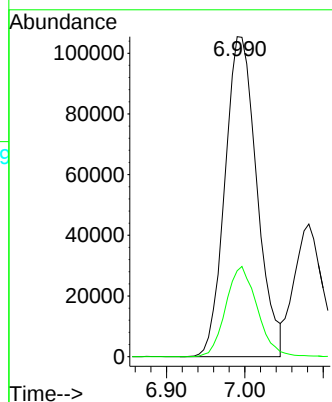
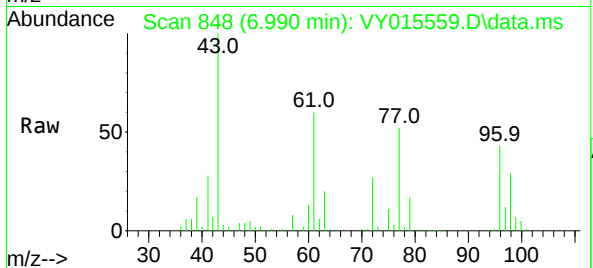
ClientSampleId :

Tgt Ion: 43 Resp: 298987

Ion Ratio Lower Upper

43 100

72 26.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 54.199 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015559.D

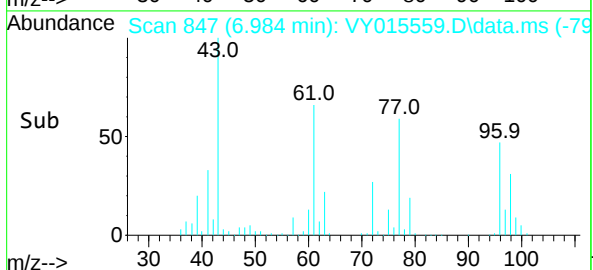
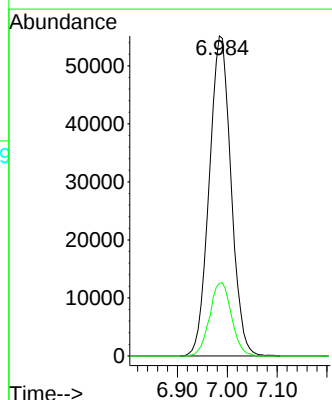
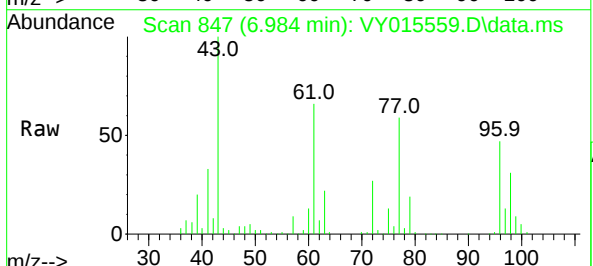
Acq: 15 Sep 2023 10:12

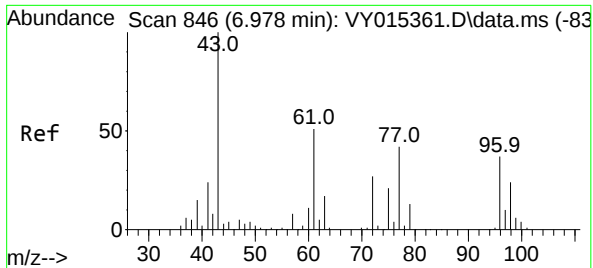
Tgt Ion: 77 Resp: 167465

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.9

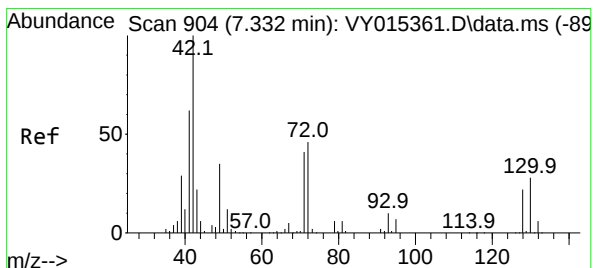
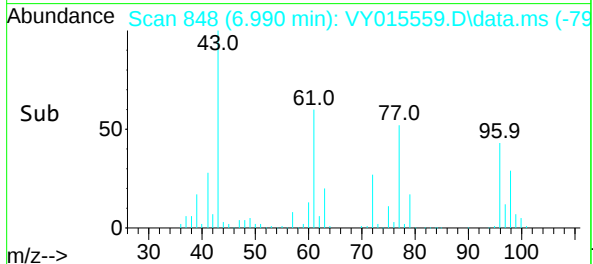
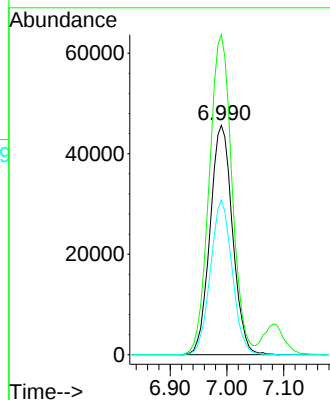
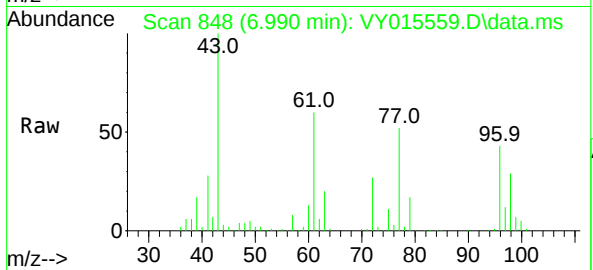




#27
 cis-1,2-Dichloroethene
 Concen: 53.142 ug/l
 RT: 6.990 min Scan# 846
 Delta R.T. 0.012 min
 Lab File: VY015559.D
 Acq: 15 Sep 2023 10:12

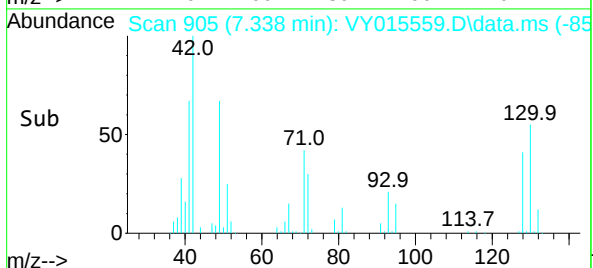
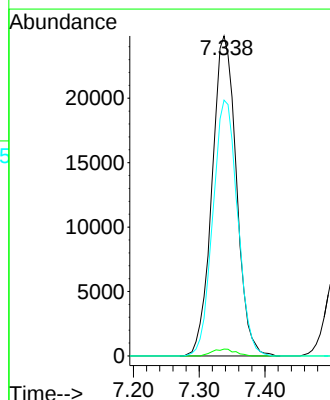
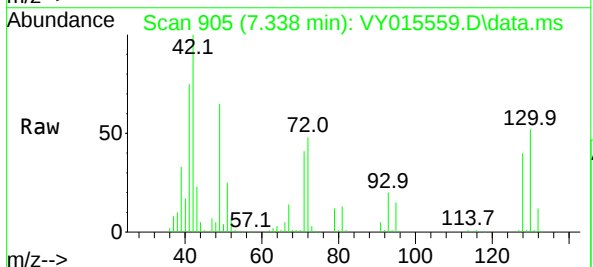
Instrument :
 MSVOA_Y
 ClientSampleId :

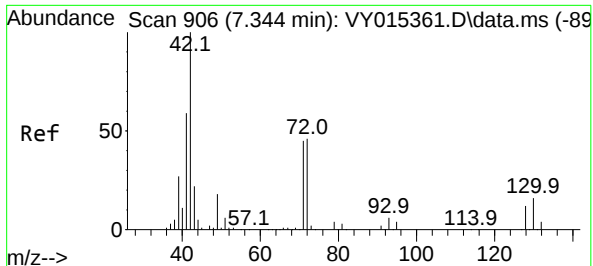
Tgt Ion: 96 Resp: 125462
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 301.4
 98 65.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 57.256 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY015559.D
 Acq: 15 Sep 2023 10:12

Tgt Ion: 49 Resp: 63874
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 242.227 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

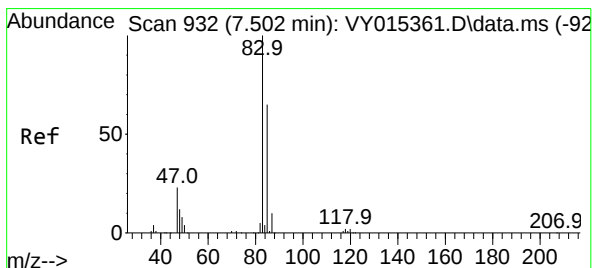
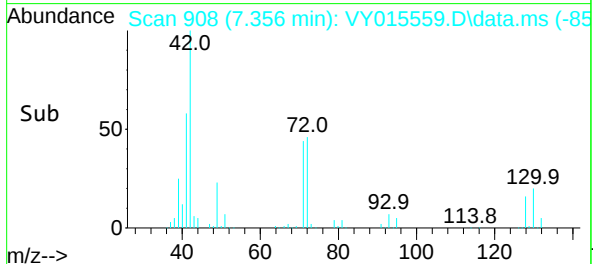
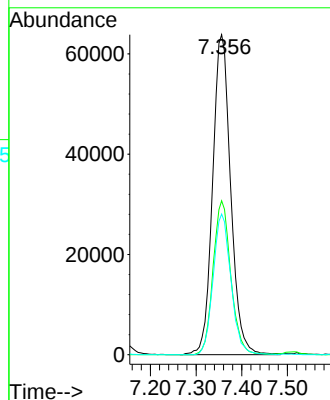
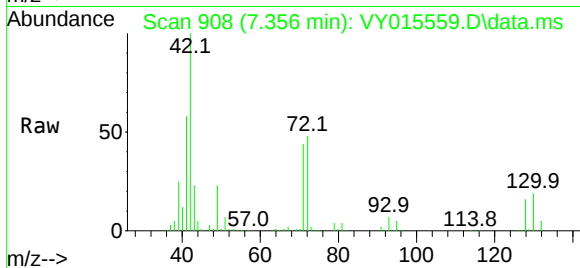
Tgt Ion: 42 Resp: 175501

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 54.490 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015559.D

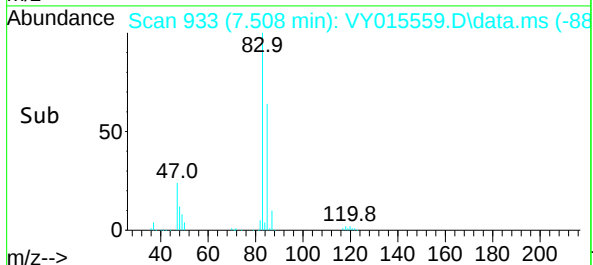
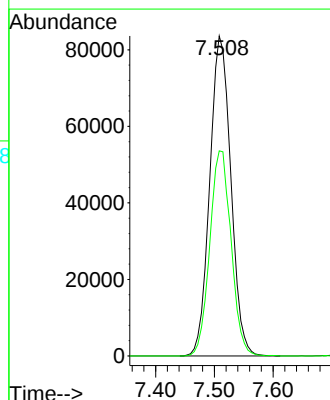
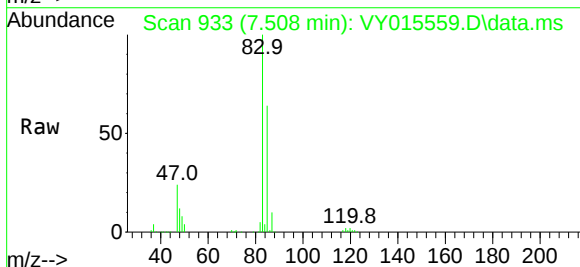
Acq: 15 Sep 2023 10:12

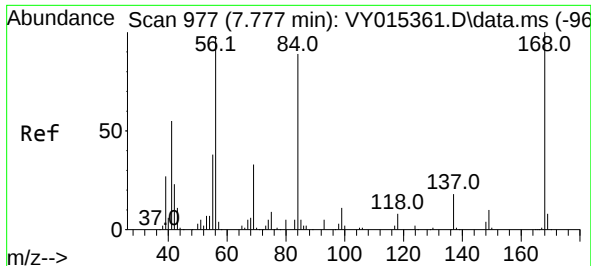
Tgt Ion: 83 Resp: 208384

Ion Ratio Lower Upper

83 100

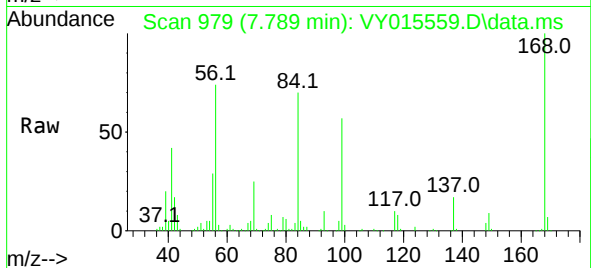
85 64.1 49.7 74.5



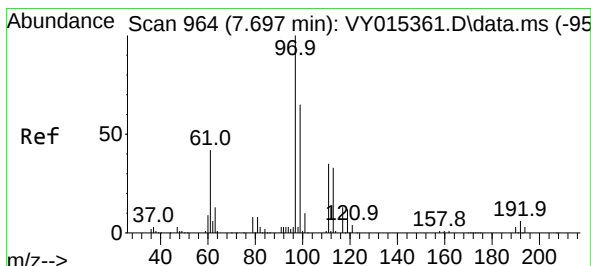
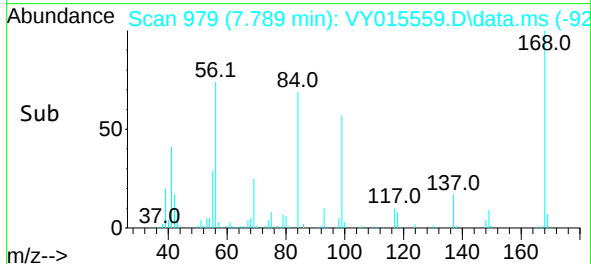
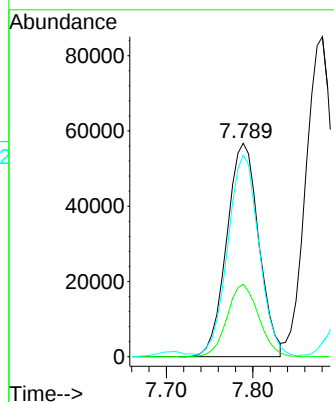


#31
Cyclohexane
Concen: 42.116 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

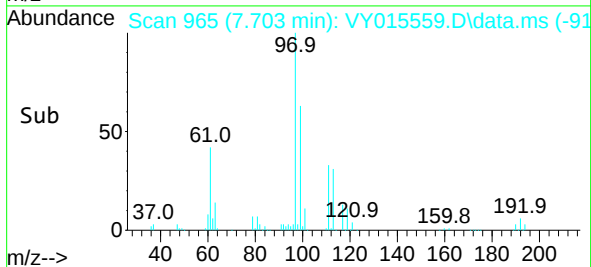
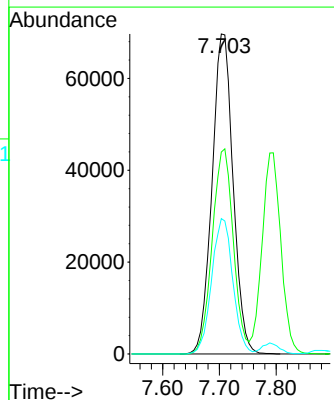
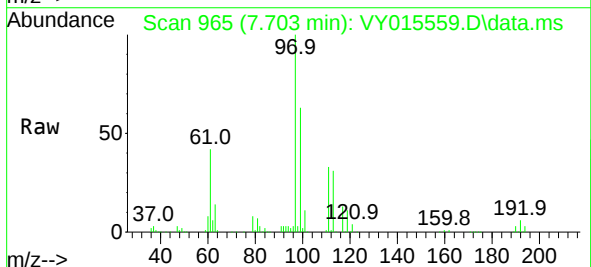


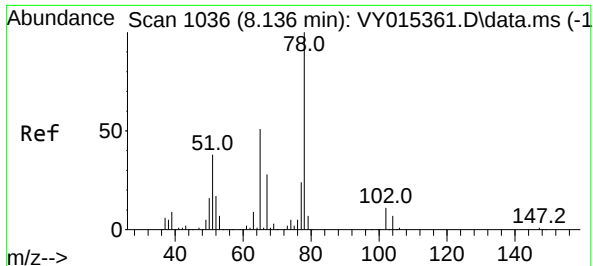
Tgt Ion: 56 Resp: 145801
Ion Ratio Lower Upper
56 100
69 34.0 27.8 41.6
84 92.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.510 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 97 Resp: 179366
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.948 ug/l

RT: 8.142 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

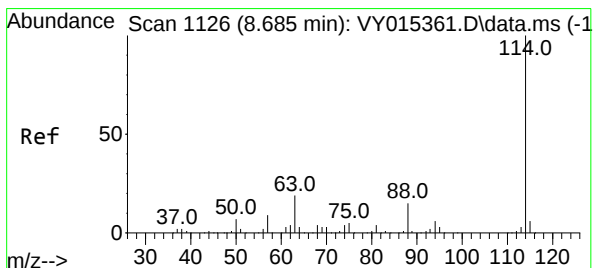
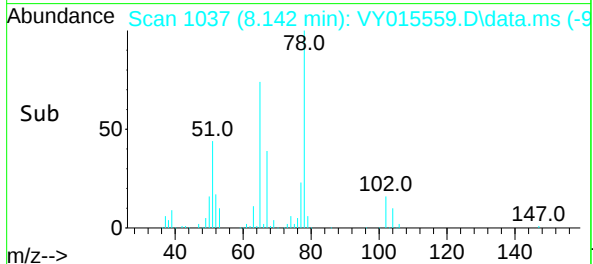
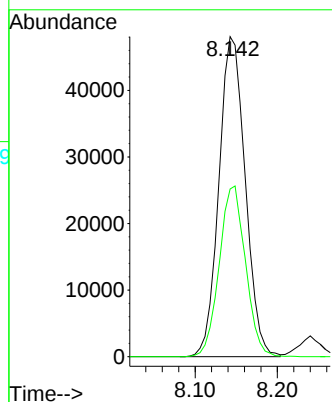
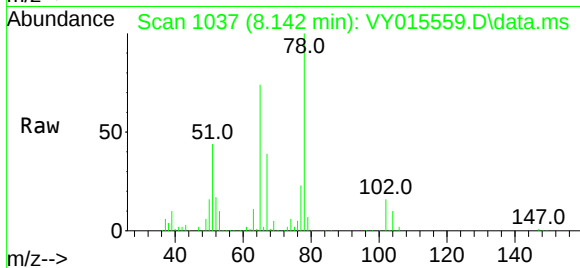
ClientSampleId :

Tgt Ion: 65 Resp: 107089

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

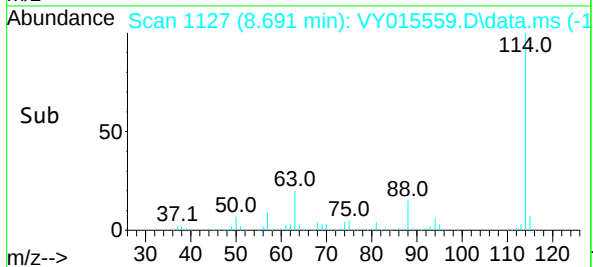
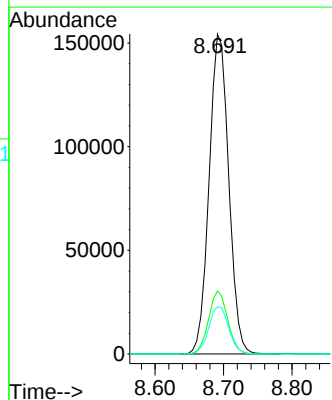
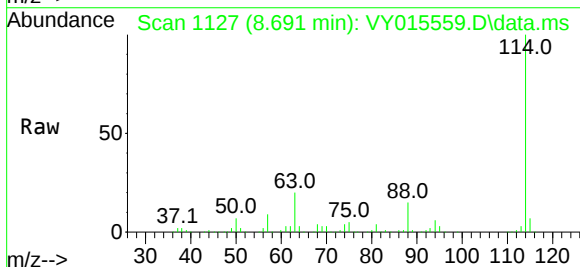
Tgt Ion: 114 Resp: 306834

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

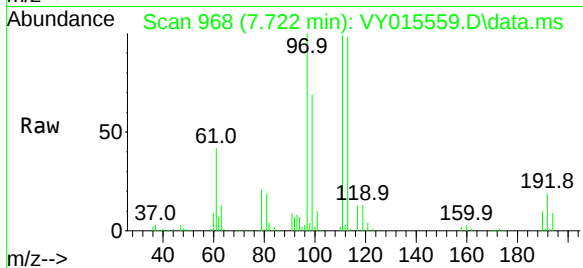
88 14.7 0.0 30.6



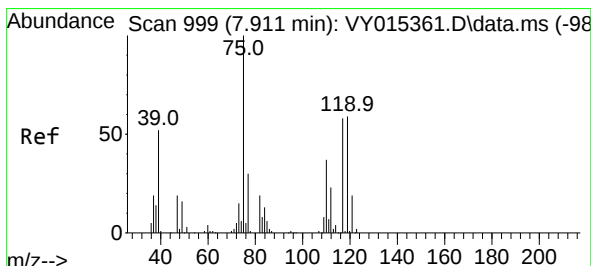
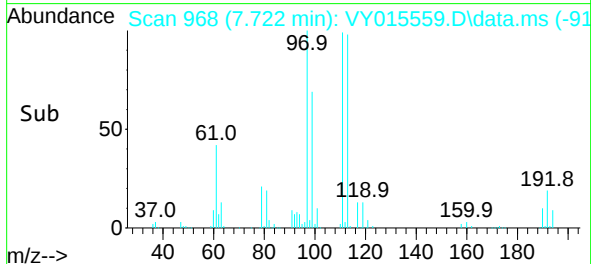
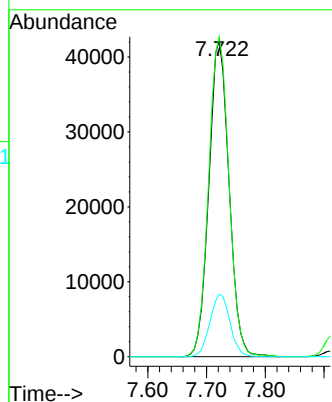


#35
Dibromofluoromethane
Concen: 56.832 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

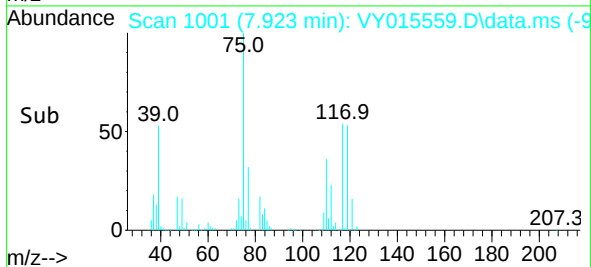
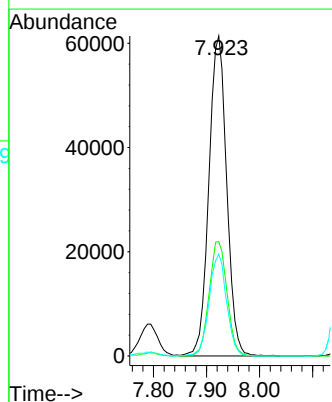
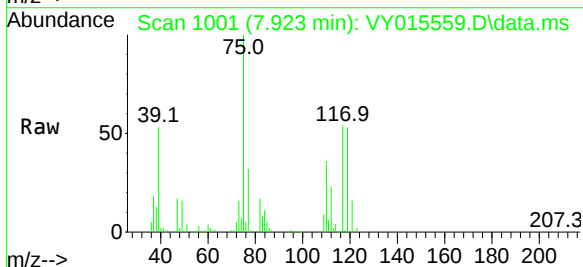


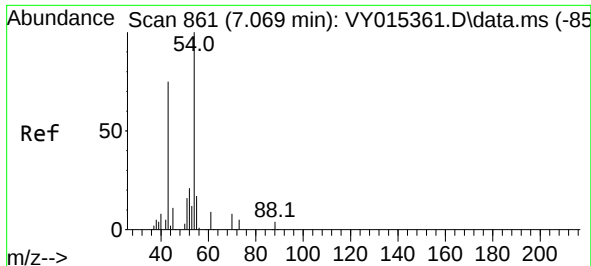
Tgt Ion:113 Resp: 100439
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.113 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 75 Resp: 143097
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 47.778 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.018 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

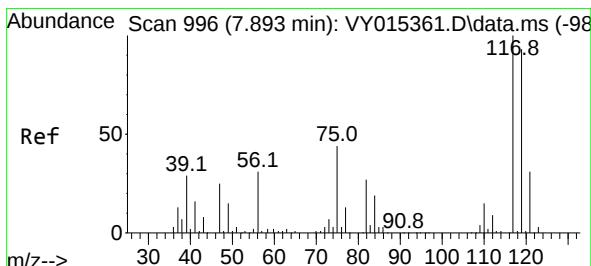
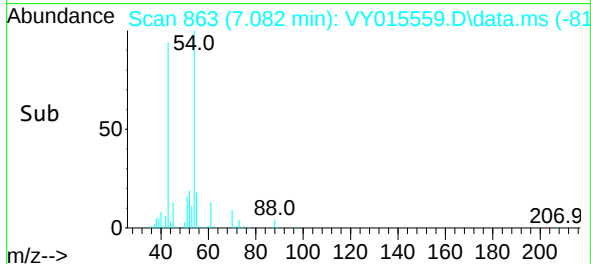
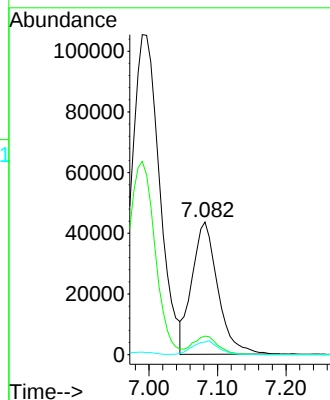
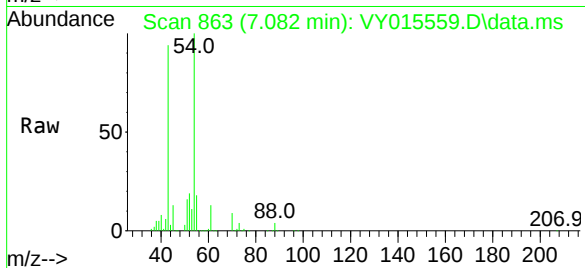
Tgt Ion: 43 Resp: 114348

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 48.970 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.012 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

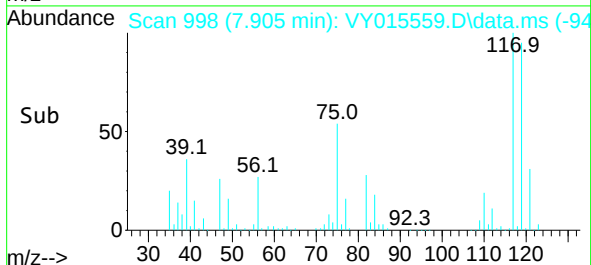
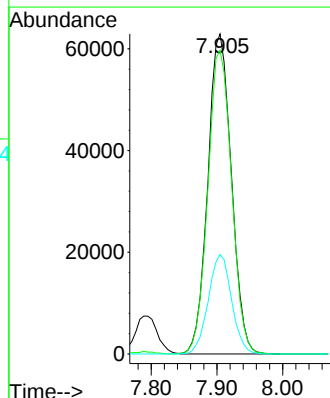
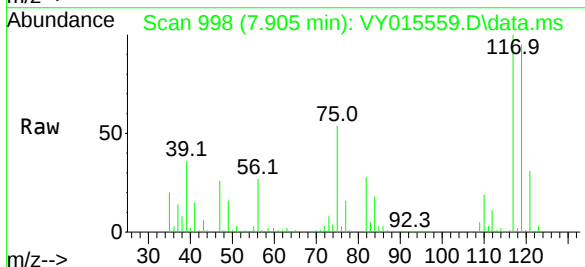
Tgt Ion:117 Resp: 156950

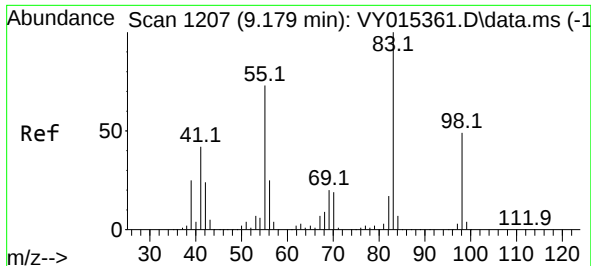
Ion Ratio Lower Upper

117 100

119 94.9 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 42.328 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

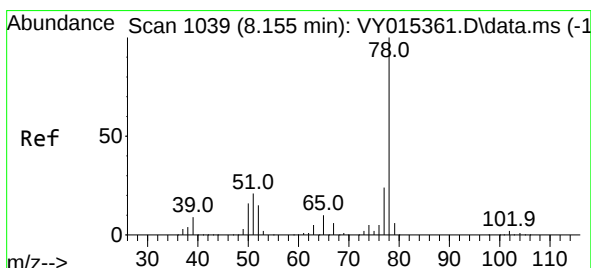
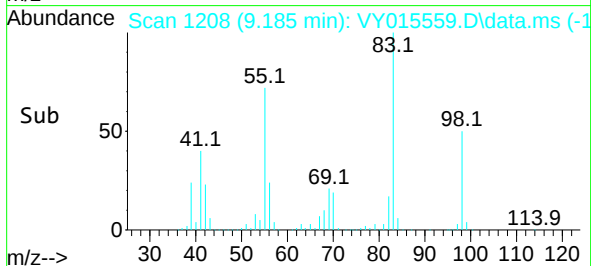
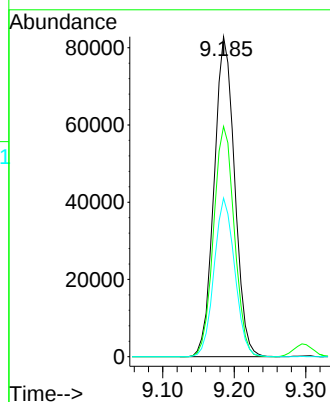
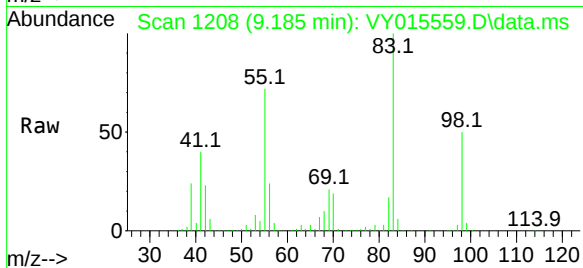
Tgt Ion: 83 Resp: 165366

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

98 49.5 37.4 56.2



#40

Benzene

Concen: 50.158 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015559.D

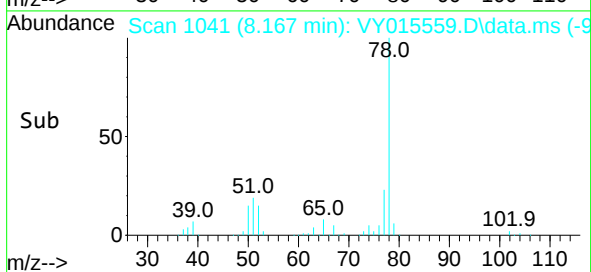
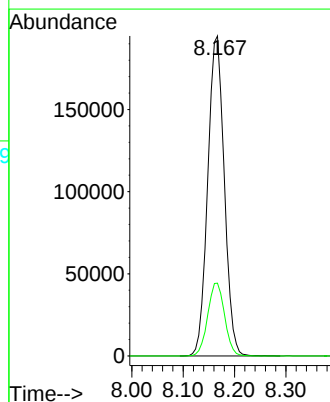
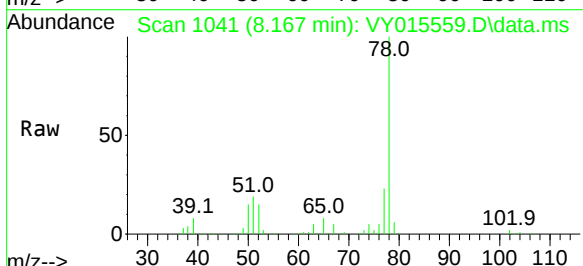
Acq: 15 Sep 2023 10:12

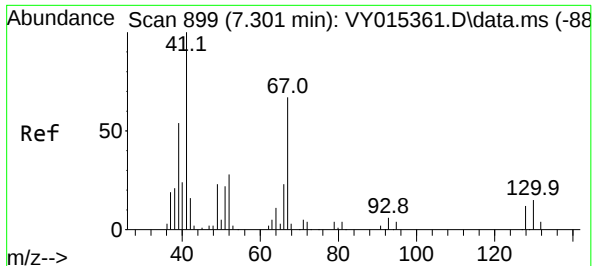
Tgt Ion: 78 Resp: 434258

Ion Ratio Lower Upper

78 100

77 22.7 19.0 28.6



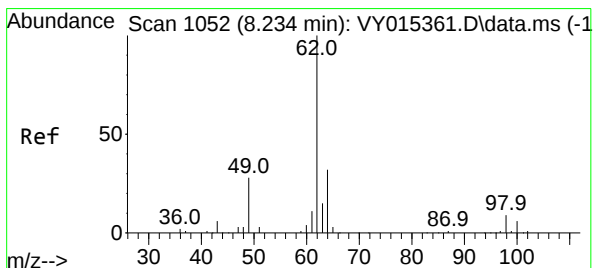
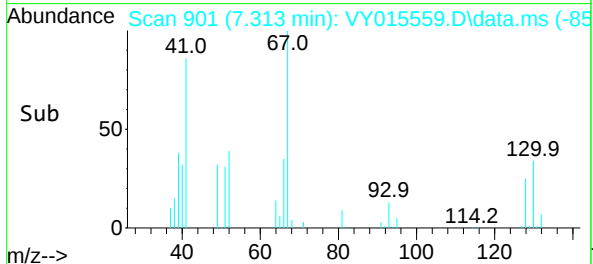
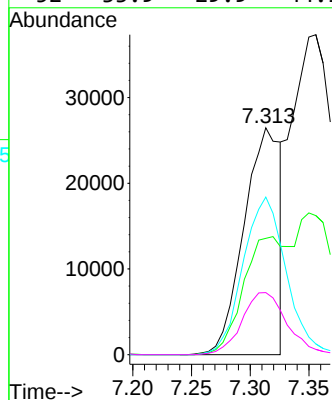
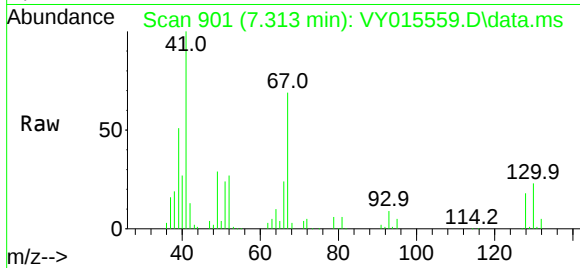


#41
Methacrylonitrile
Concen: 51.008 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 57248

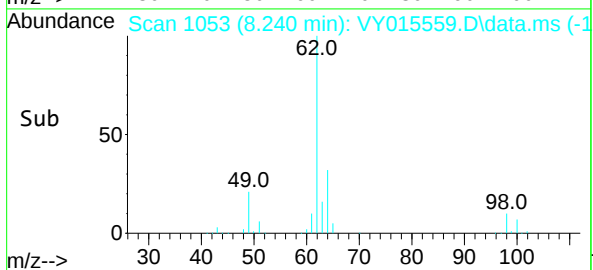
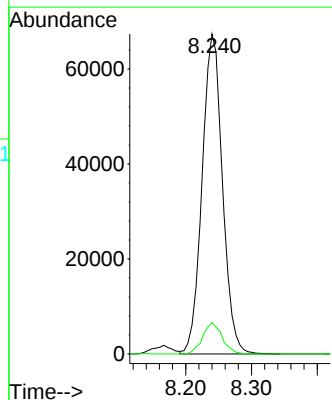
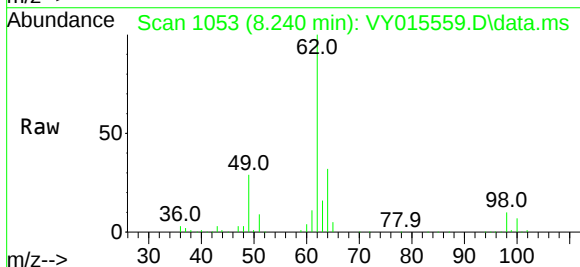
Ion	Ratio	Lower	Upper
41	100		
39	61.4	52.1	78.1
67	82.7	66.2	99.2
52	33.9	29.9	44.9

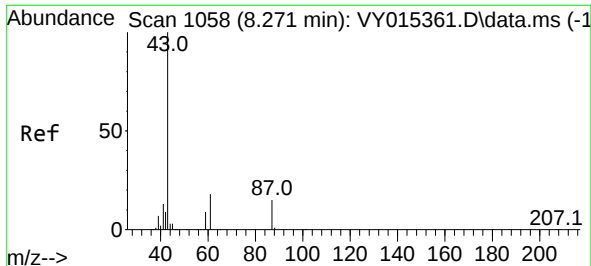


#42
1,2-Dichloroethane
Concen: 50.248 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 62 Resp: 145065

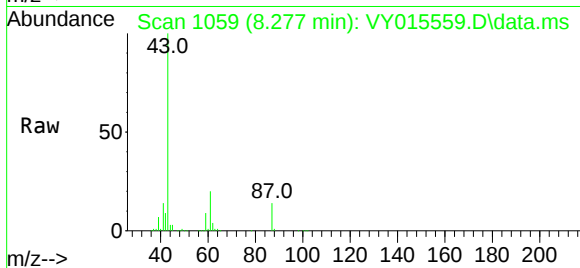
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8



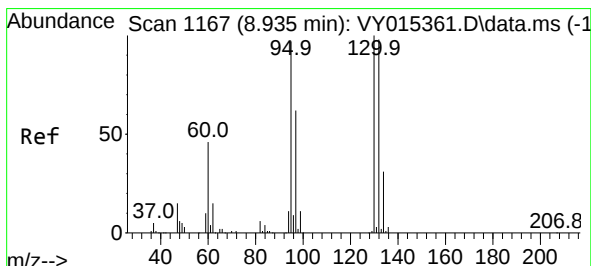
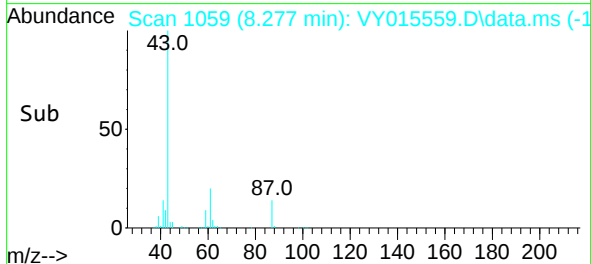
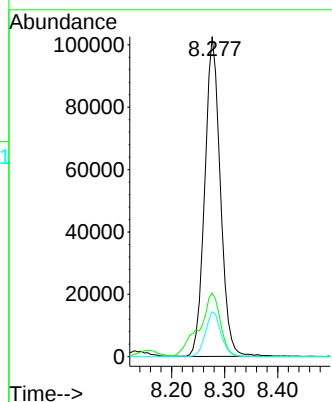


#43
Isopropyl Acetate
Concen: 50.481 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

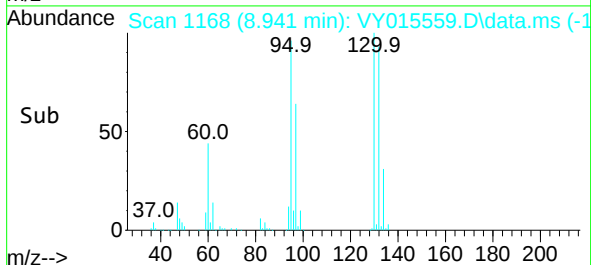
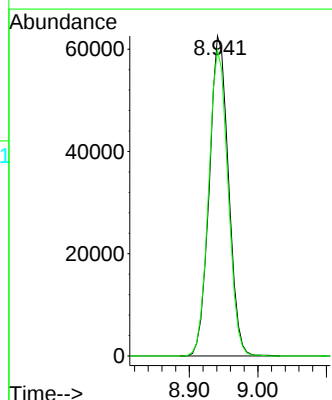
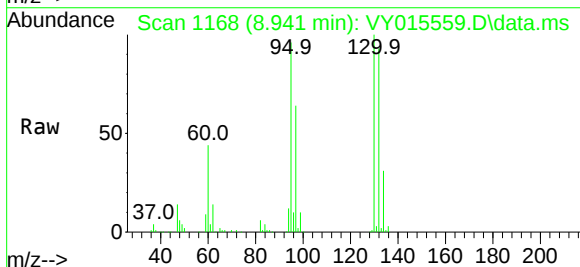


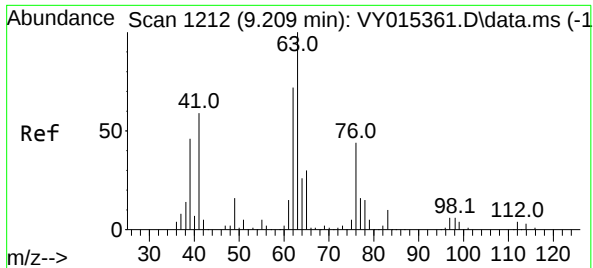
Tgt Ion: 43 Resp: 208919
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 49.681 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion:130 Resp: 121698
Ion Ratio Lower Upper
130 100
95 95.6 0.0 196.0

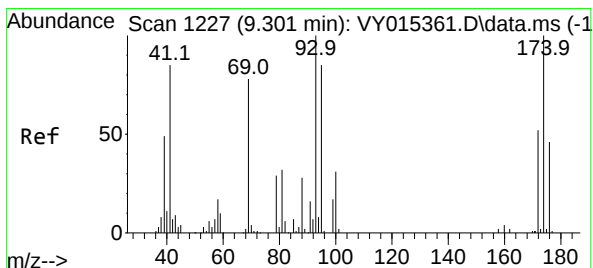
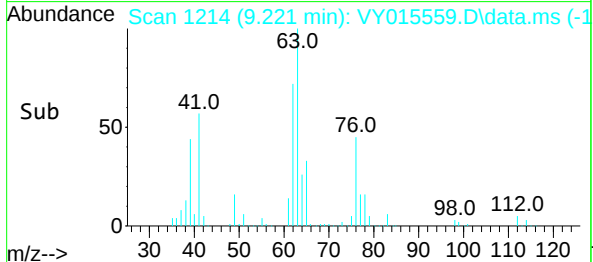
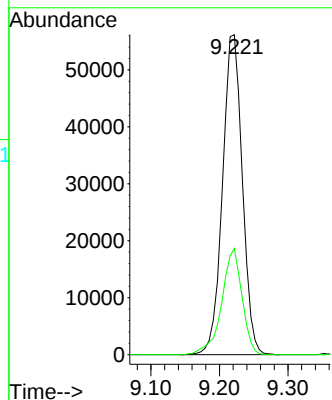
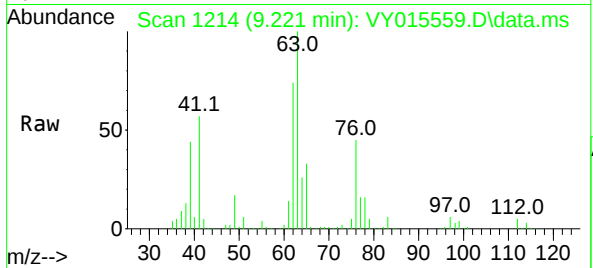




#45
1,2-Dichloropropane
Concen: 51.559 ug/l
RT: 9.221 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

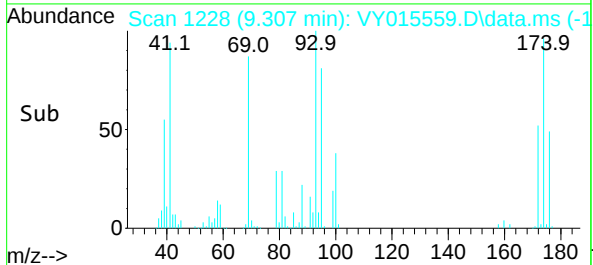
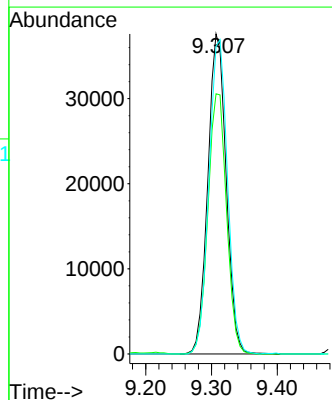
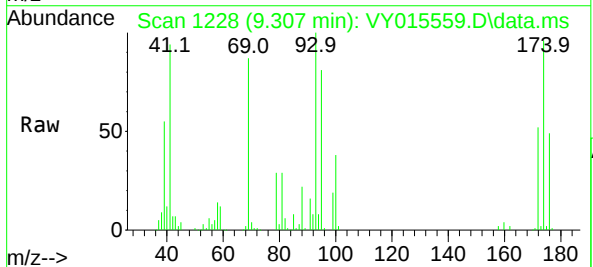
Instrument :
MSVOA_Y
ClientSampleId :

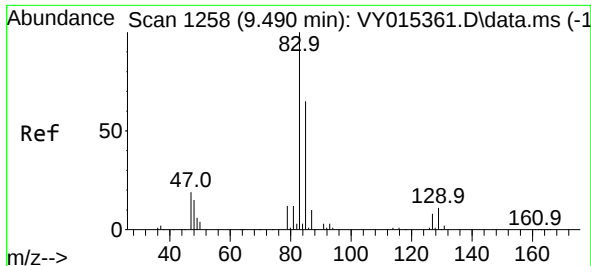
Tgt Ion: 63 Resp: 112530
Ion Ratio Lower Upper
63 100
65 33.2 23.8 35.6



#46
Dibromomethane
Concen: 50.518 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 93 Resp: 73240
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 99.2 84.8 127.2

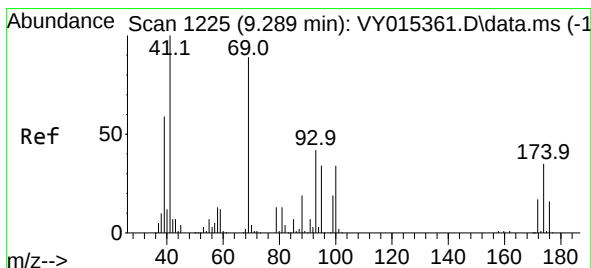
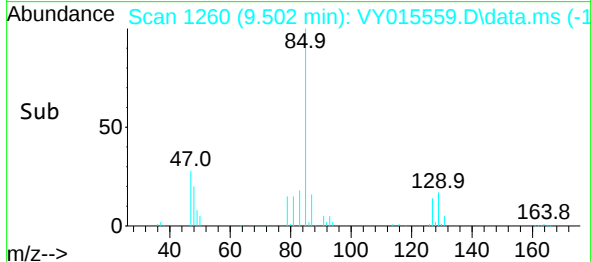
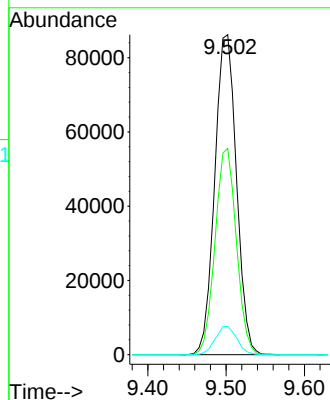
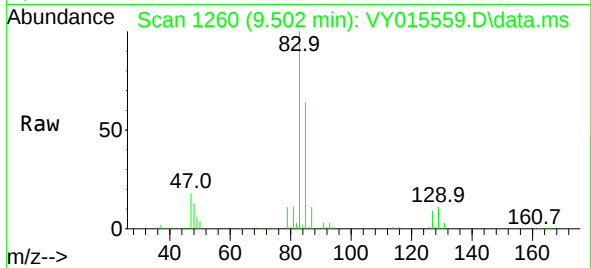




#47
Bromodichloromethane
Concen: 53.544 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

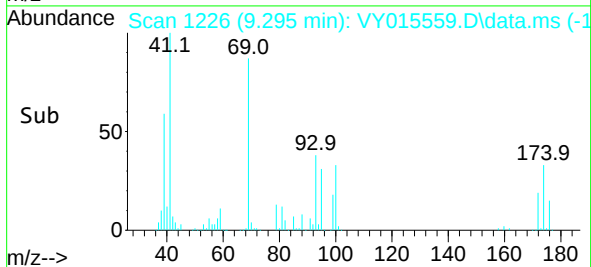
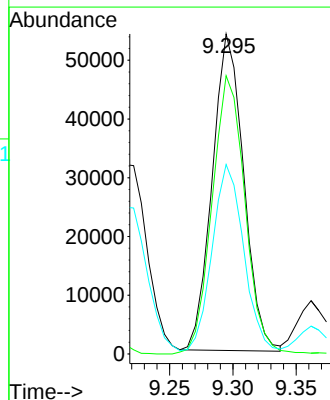
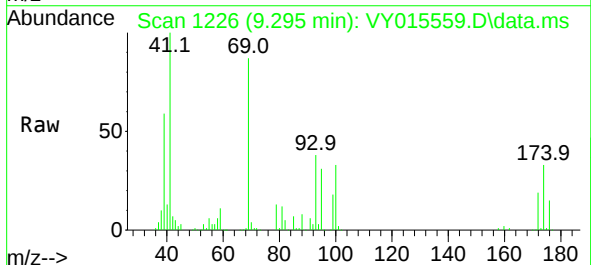
Instrument :
MSVOA_Y
ClientSampleId :

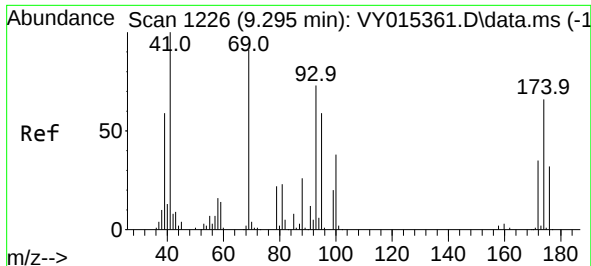
Tgt Ion: 83 Resp: 166008
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 49.062 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 41 Resp: 93160
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 60.9 50.8 76.2





#49

1,4-Dioxane

Concen: 954.884 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.024 min

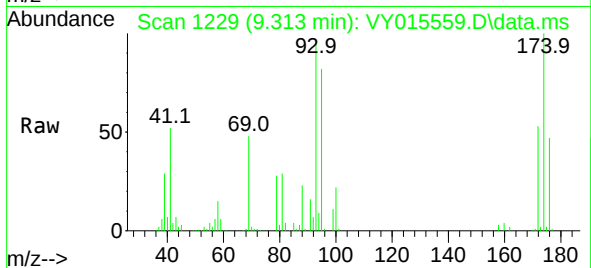
Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :



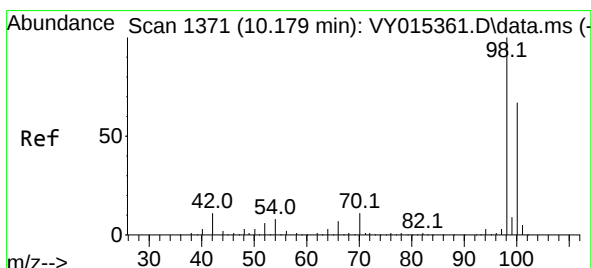
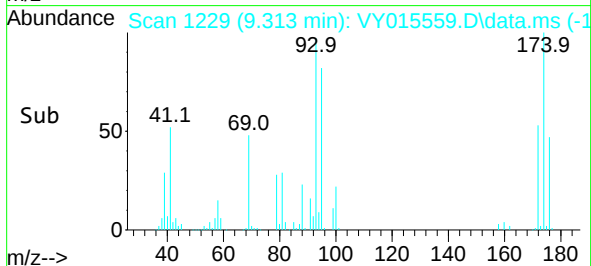
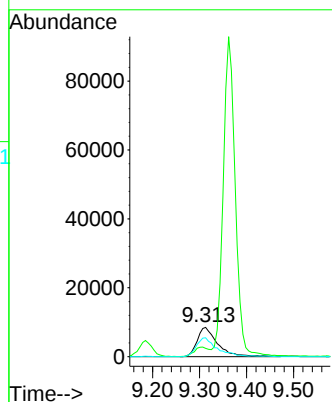
Tgt Ion: 88 Resp: 25714

Ion Ratio Lower Upper

88 100

43 24.4 0.0 0.0#

58 64.9 30.9 46.3#



#50

Toluene-d8

Concen: 52.323 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015559.D

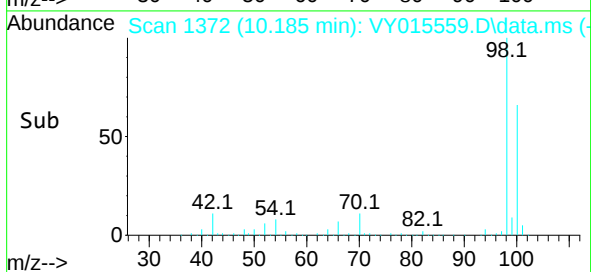
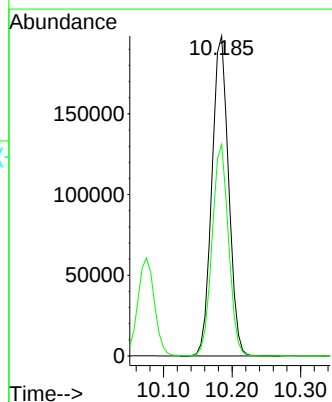
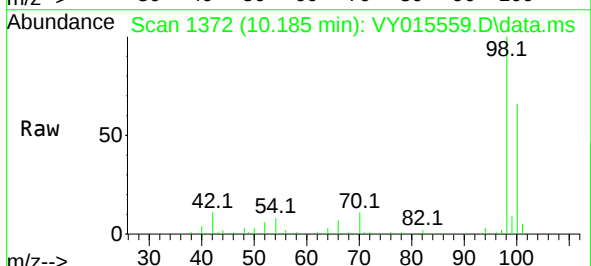
Acq: 15 Sep 2023 10:12

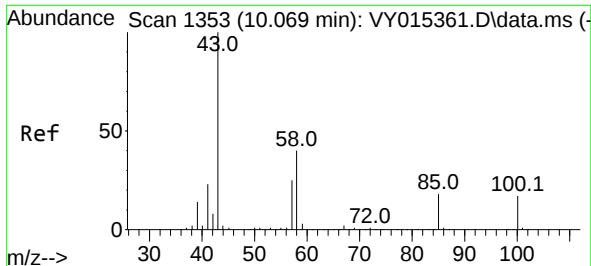
Tgt Ion: 98 Resp: 334869

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 251.838 ug/l

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

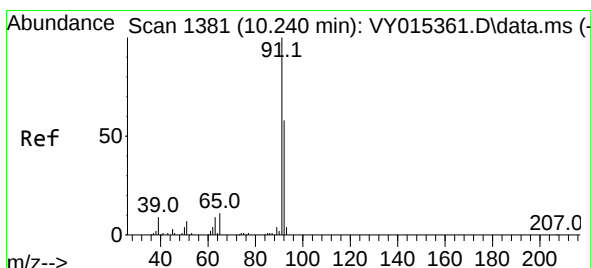
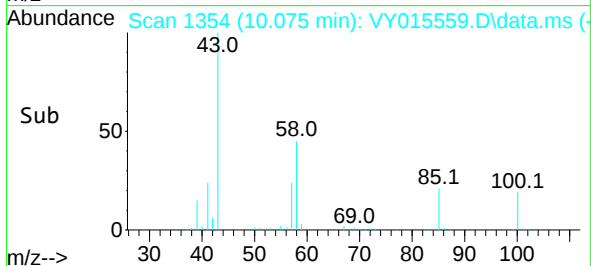
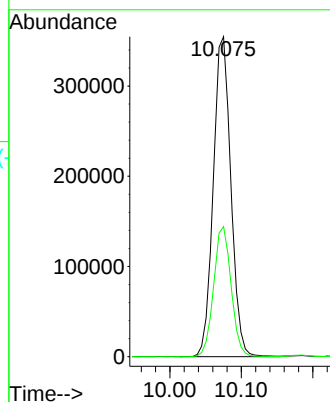
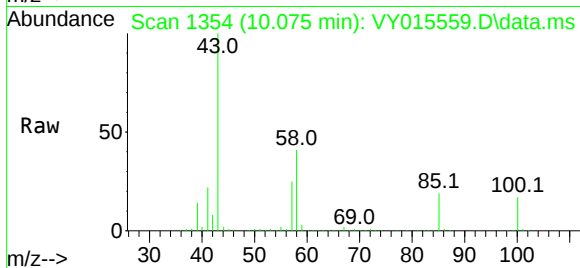
ClientSampleId :

Tgt Ion: 43 Resp: 605781

Ion Ratio Lower Upper

43 100

58 40.4 29.0 43.6



#52

Toluene

Concen: 50.495 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015559.D

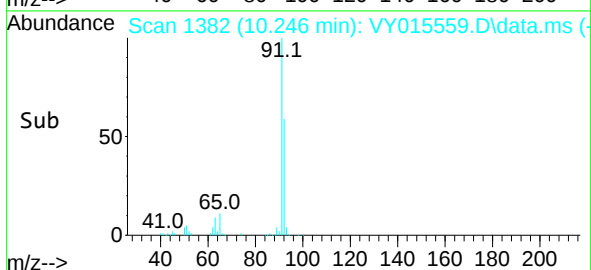
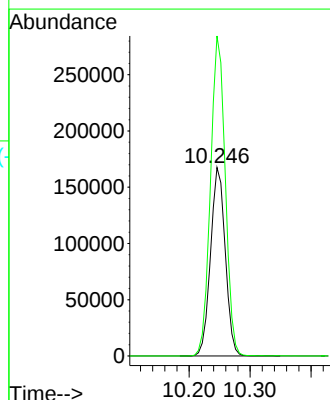
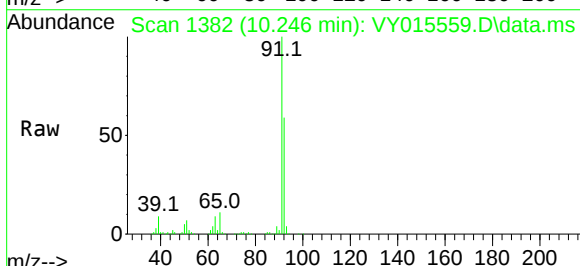
Acq: 15 Sep 2023 10:12

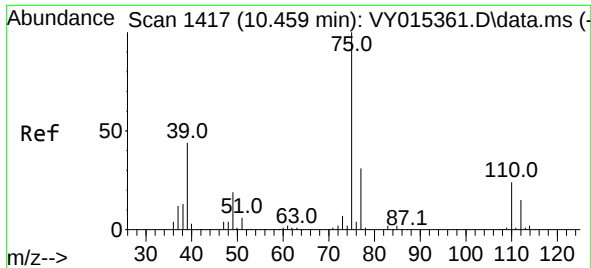
Tgt Ion: 92 Resp: 280203

Ion Ratio Lower Upper

92 100

91 170.5 143.8 215.6

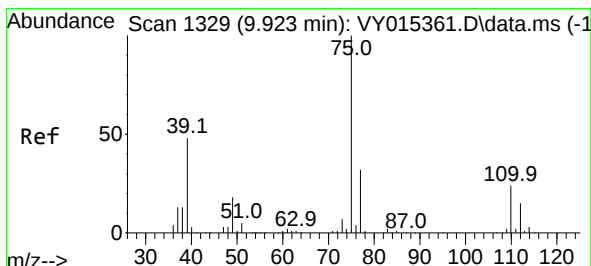
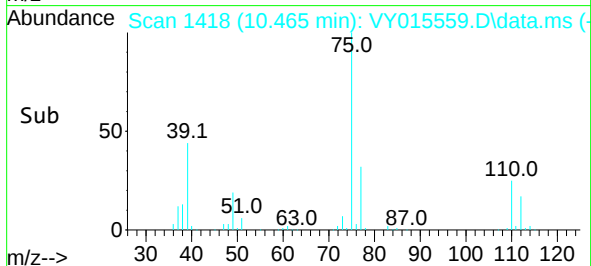
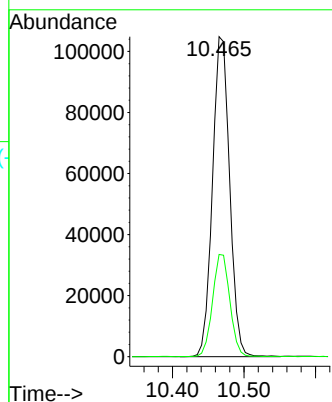
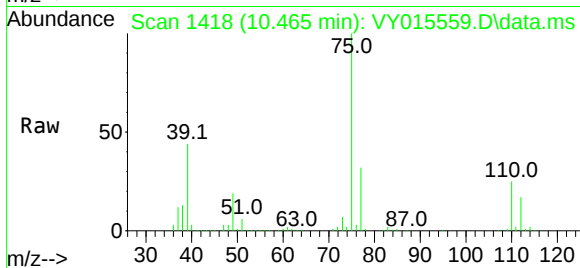




#53
 t-1,3-Dichloropropene
 Concen: 53.021 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015559.D
 Acq: 15 Sep 2023 10:12

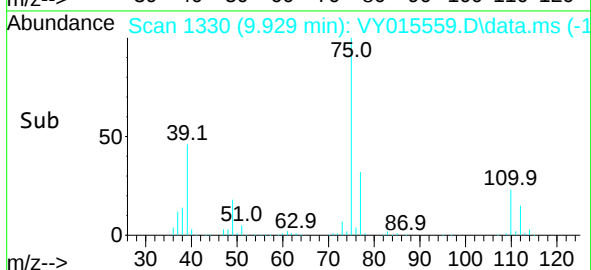
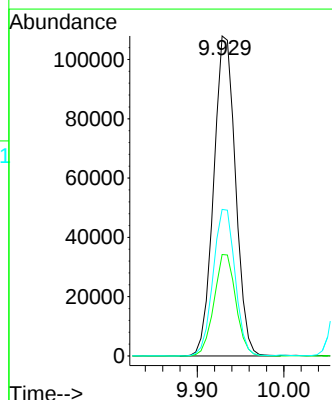
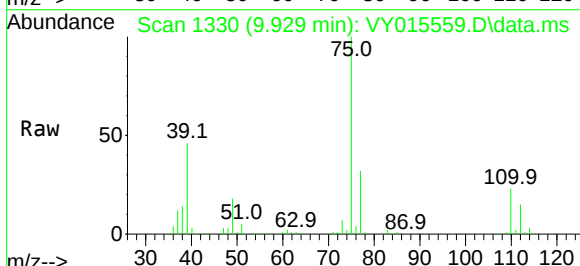
Instrument :
 MSVOA_Y
 ClientSampleId :

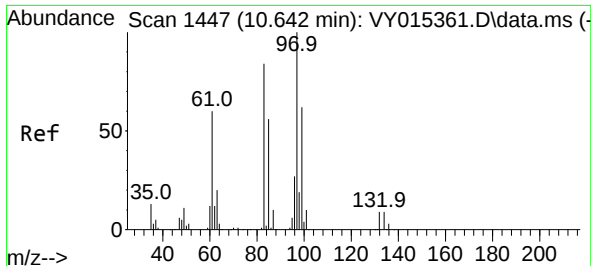
Tgt Ion: 75 Resp: 174700
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.756 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015559.D
 Acq: 15 Sep 2023 10:12

Tgt Ion: 75 Resp: 189093
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 45.7 42.2 63.4

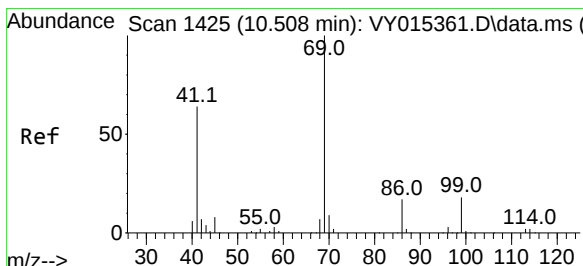
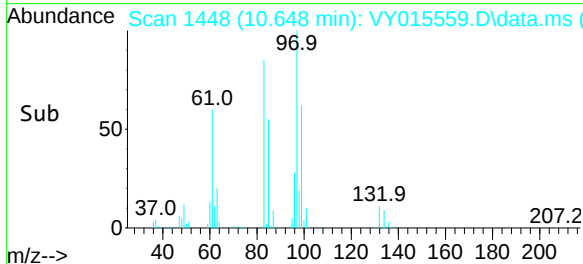
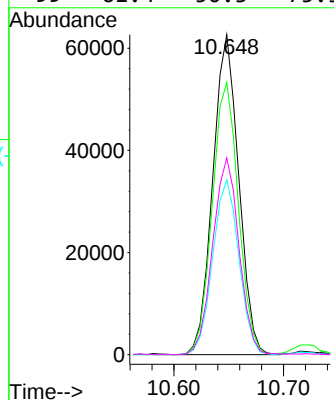
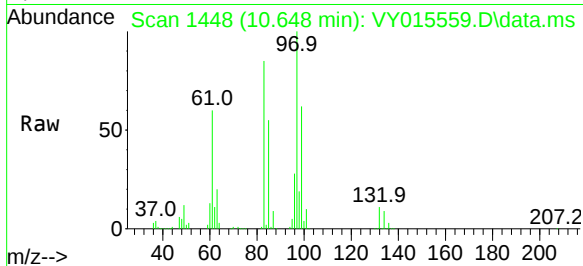




#55
1,1,2-Trichloroethane
Concen: 52.721 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

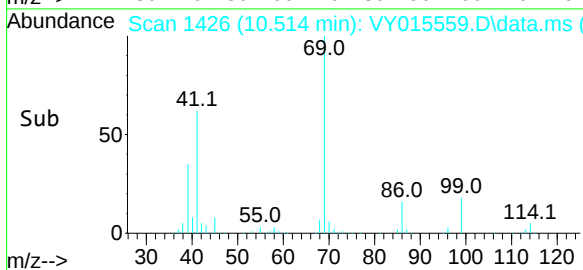
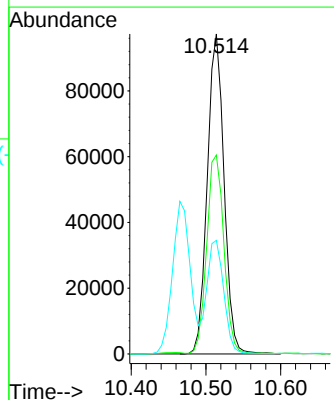
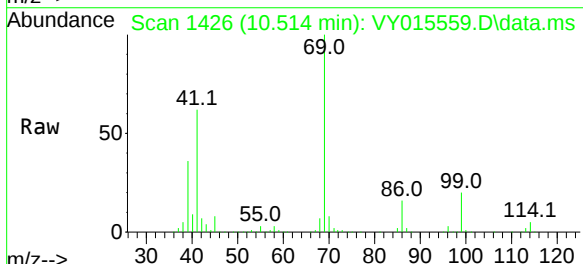
Instrument :
MSVOA_Y
ClientSampleId :

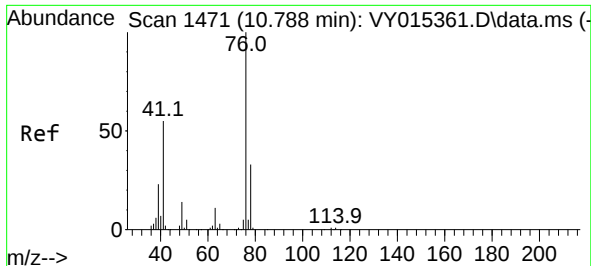
Tgt Ion: 97	Resp: 102988
Ion Ratio	Lower Upper
97 100	
83 85.0	72.0 108.0
85 54.5	45.4 68.0
99 61.4	50.3 75.5



#56
Ethyl methacrylate
Concen: 52.441 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 69		Resp: 151806	
Ion	Ratio	Lower	Upper
69	100		
41	63.4	57.6	86.4
39	36.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 51.497 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

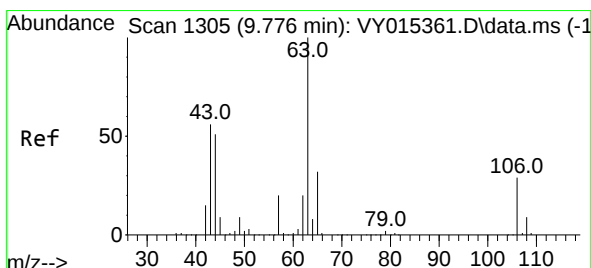
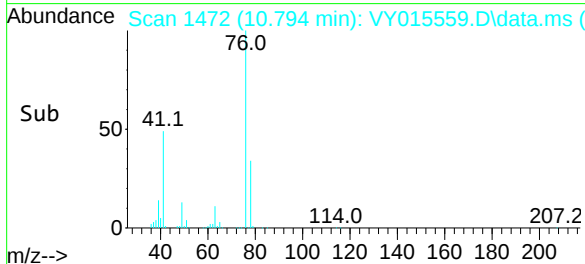
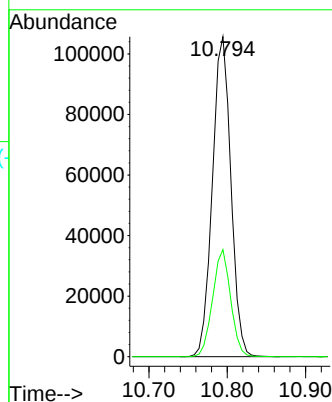
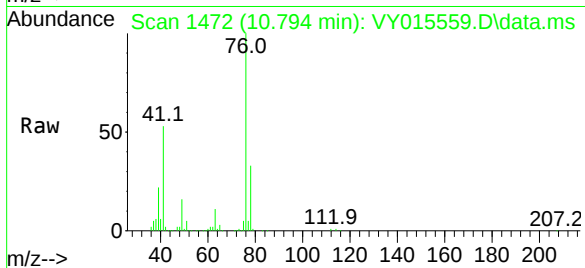
ClientSampleId :

Tgt Ion: 76 Resp: 173164

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 225.638 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015559.D

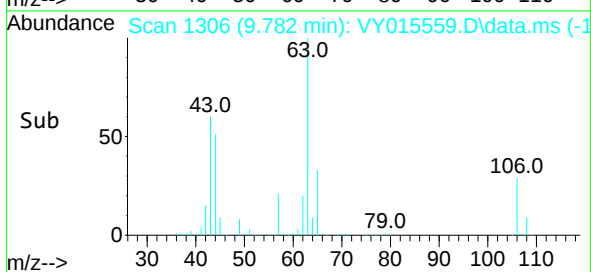
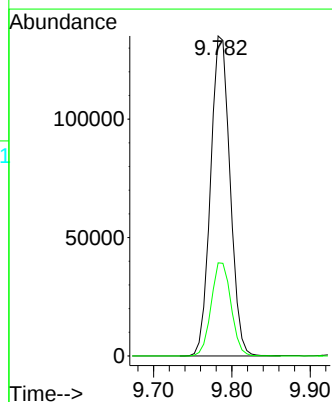
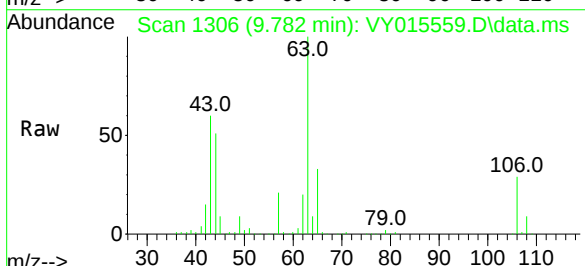
Acq: 15 Sep 2023 10:12

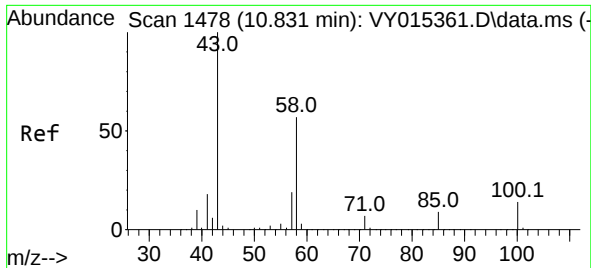
Tgt Ion: 63 Resp: 233141

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

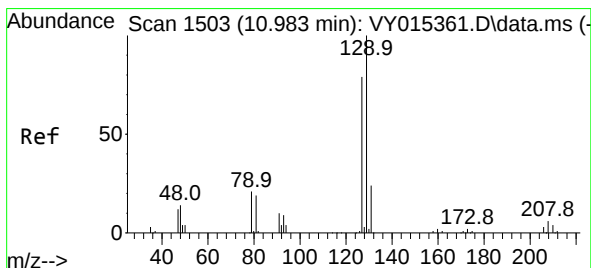
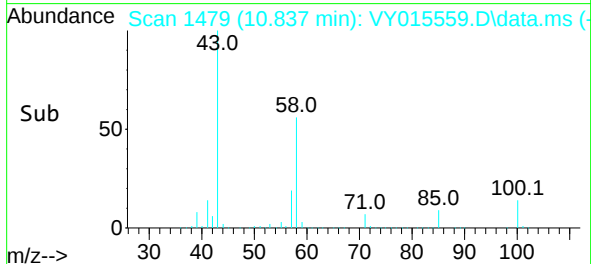
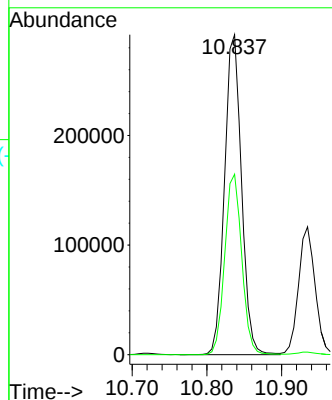
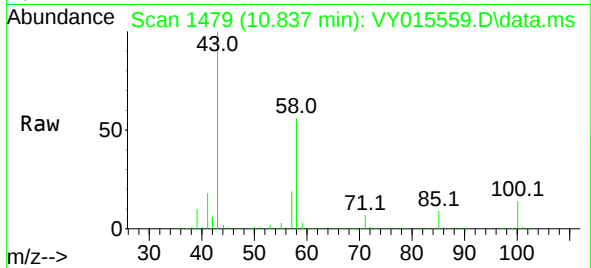




#59
2-Hexanone
Concen: 255.250 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

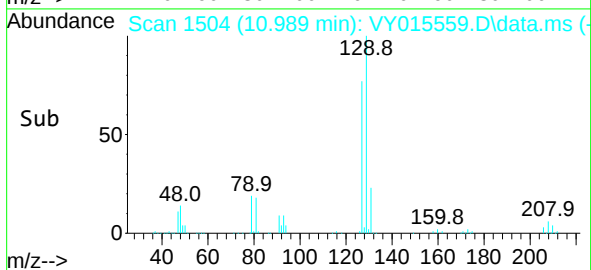
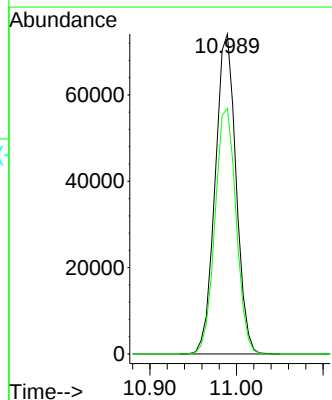
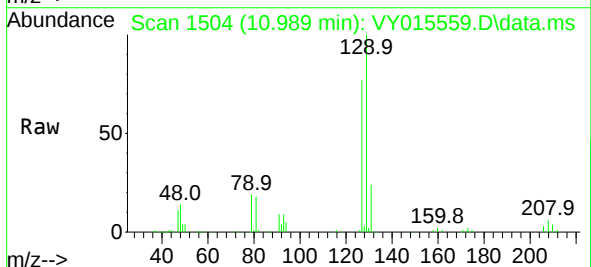
Instrument :
MSVOA_Y
ClientSampleId :

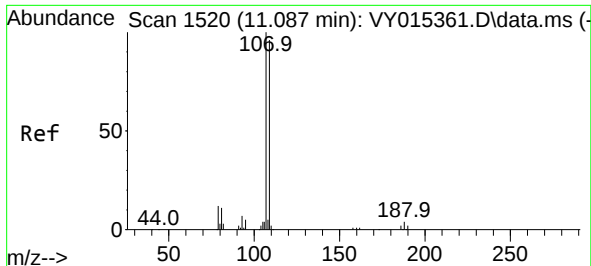
Tgt Ion: 43 Resp: 460706
Ion Ratio Lower Upper
43 100
58 56.6 25.1 75.3



#60
Dibromochloromethane
Concen: 54.199 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion:129 Resp: 123921
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.020 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

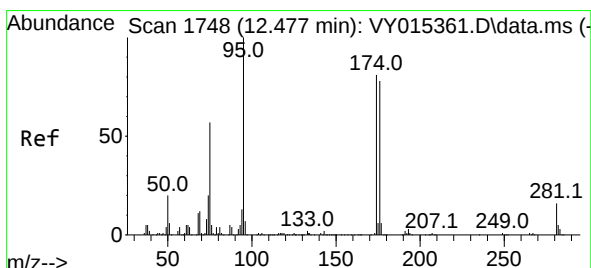
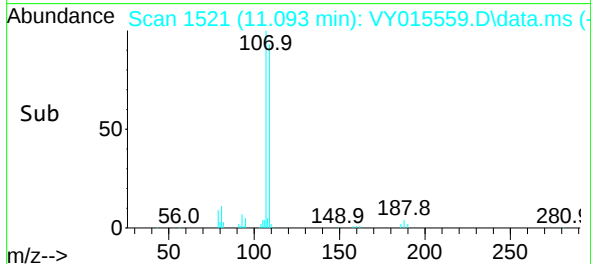
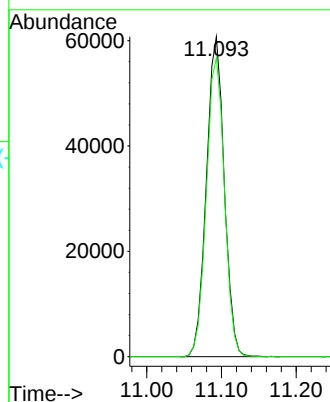
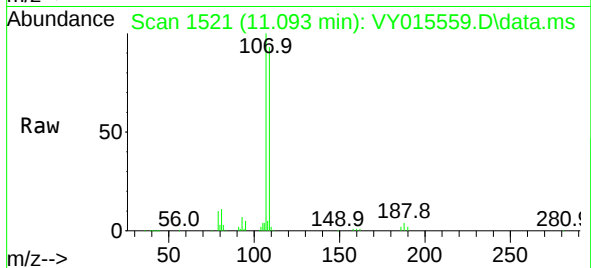
ClientSampleId :

Tgt Ion:107 Resp: 100988

Ion Ratio Lower Upper

107 100

109 94.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 55.354 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

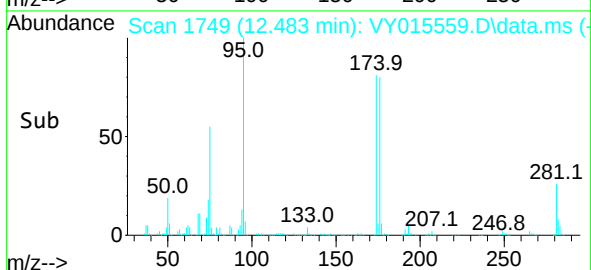
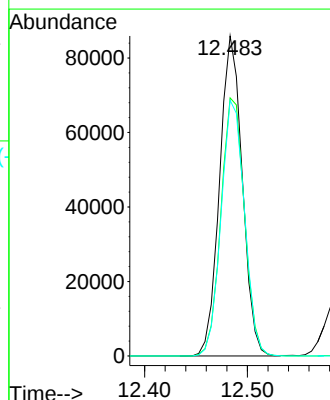
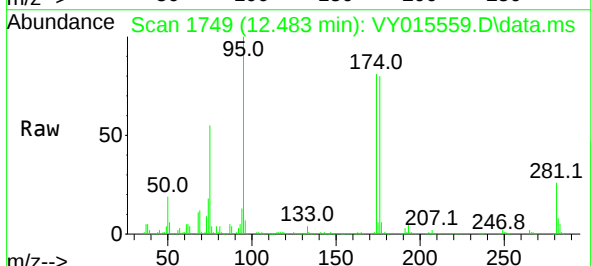
Tgt Ion: 95 Resp: 131518

Ion Ratio Lower Upper

95 100

174 83.6 0.0 178.2

176 82.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

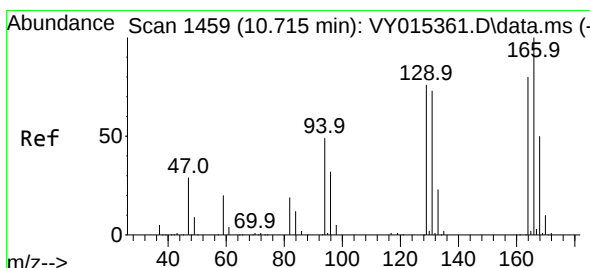
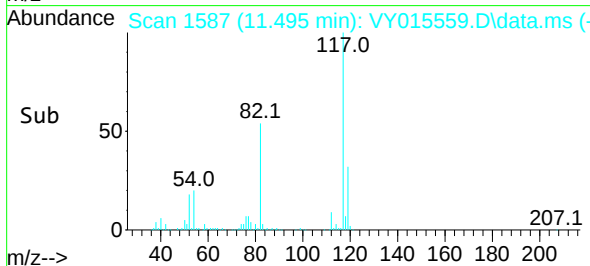
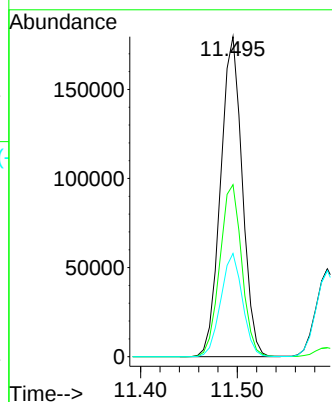
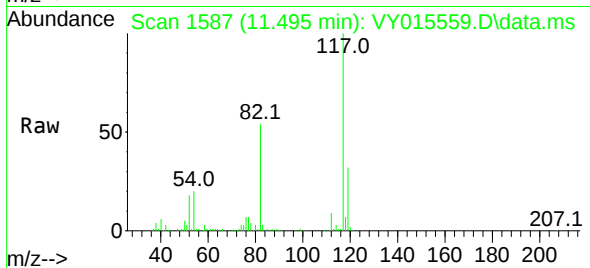
Tgt Ion:117 Resp: 278887

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 51.490 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Tgt Ion:164 Resp: 130339

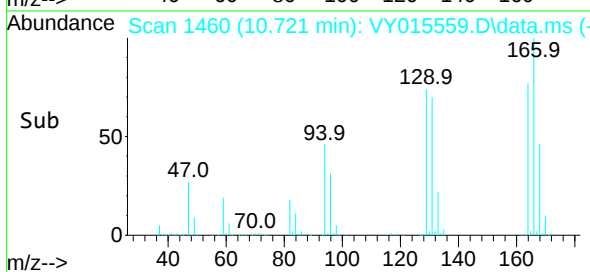
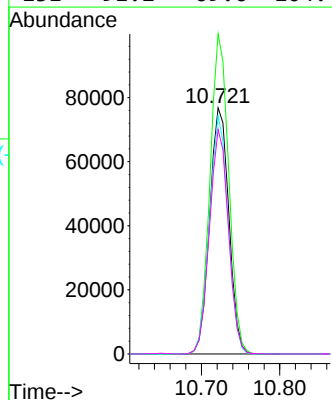
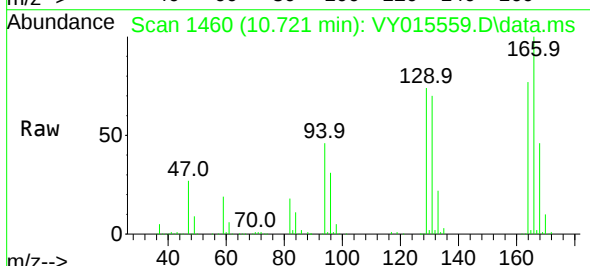
Ion Ratio Lower Upper

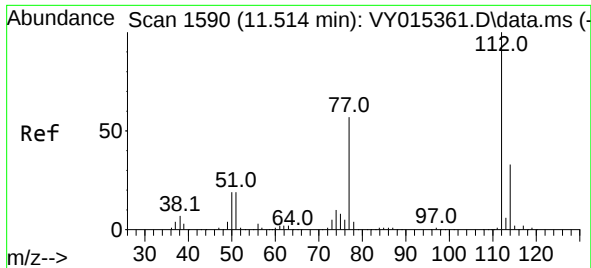
164 100

166 130.1 103.0 154.6

129 96.8 77.2 115.8

131 91.2 69.6 104.4

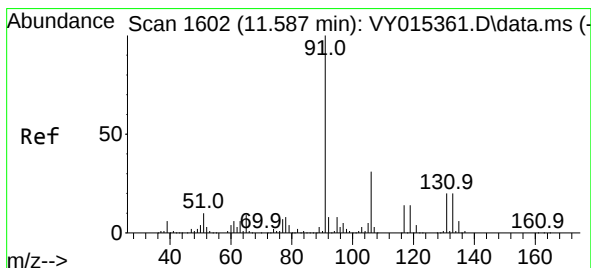
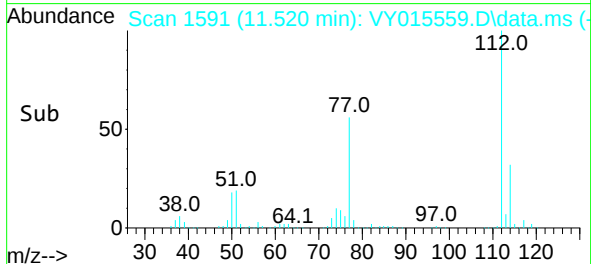
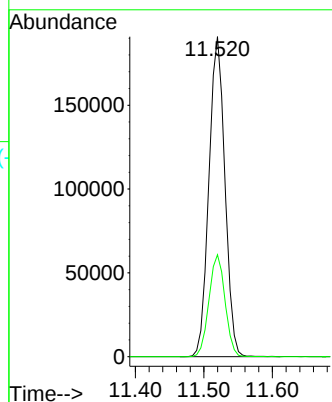
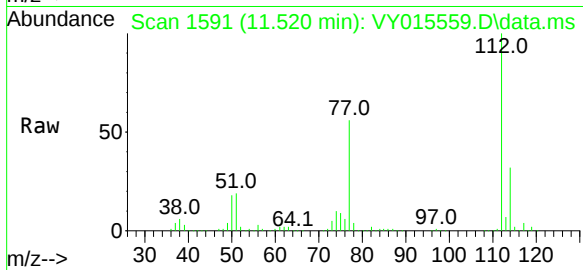




#65
Chlorobenzene
Concen: 51.468 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

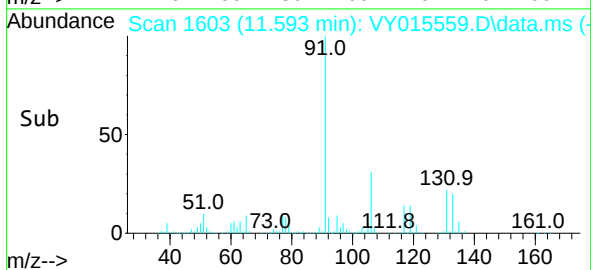
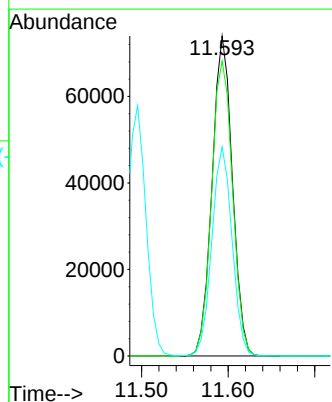
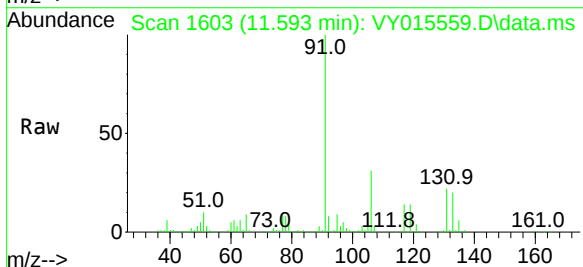
Instrument :
MSVOA_Y
ClientSampleId :

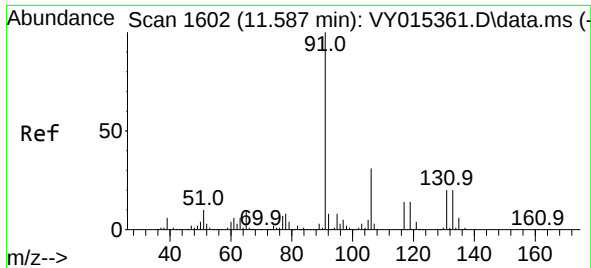
Tgt Ion:112 Resp: 309303
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.648 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion:131 Resp: 120206
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.2 31.6 94.7

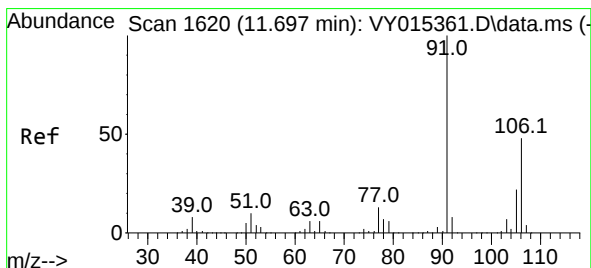
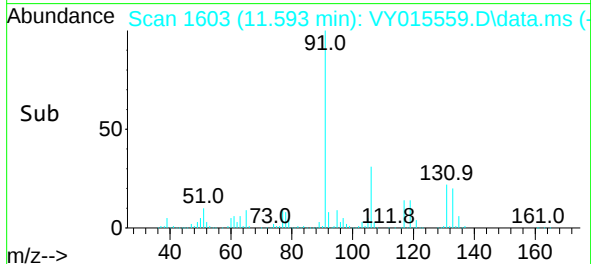
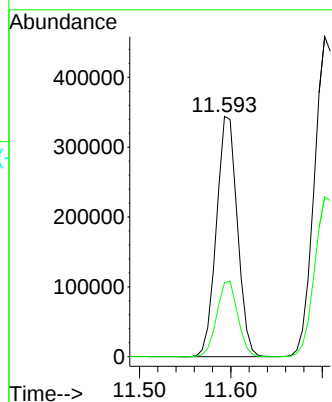
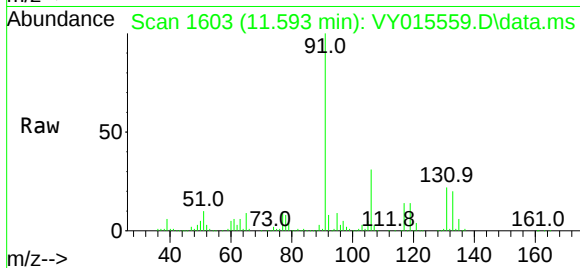




#67
Ethyl Benzene
Concen: 50.781 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

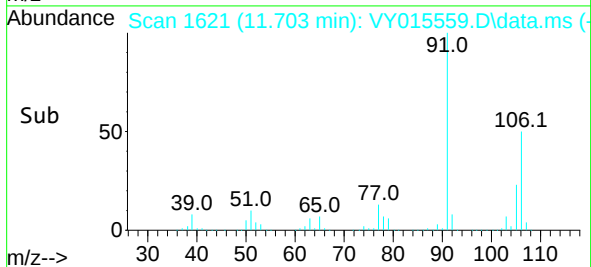
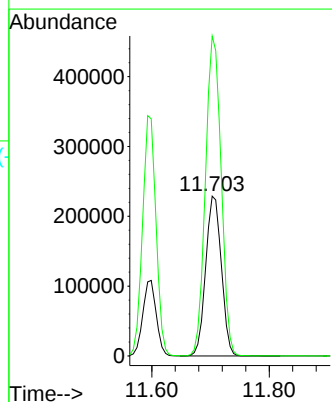
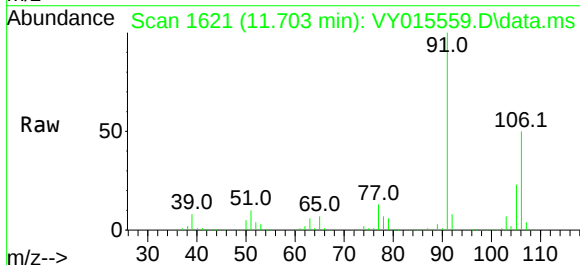
Instrument :
MSVOA_Y
ClientSampleId :

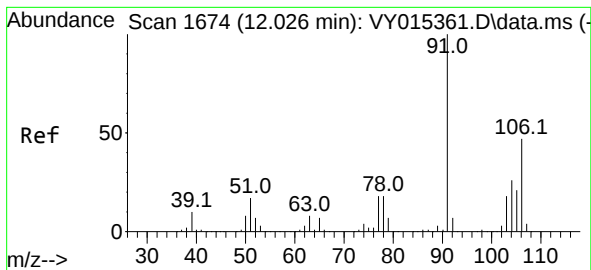
Tgt Ion: 91 Resp: 547986
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 101.249 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion:106 Resp: 423506
Ion Ratio Lower Upper
106 100
91 200.4 166.1 249.1





#69

o-Xylene

Concen: 51.401 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

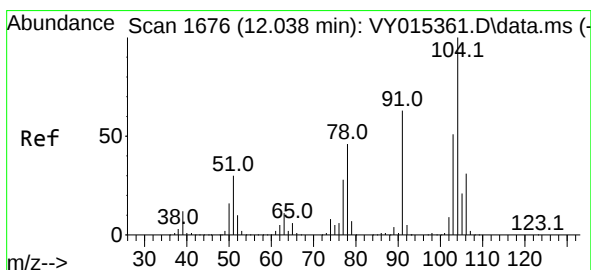
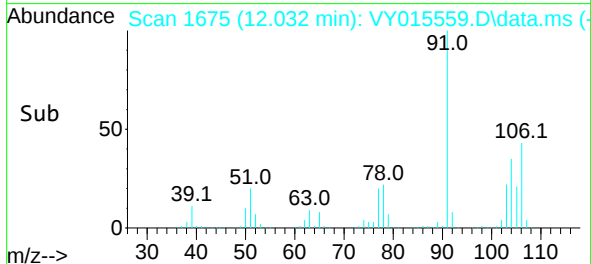
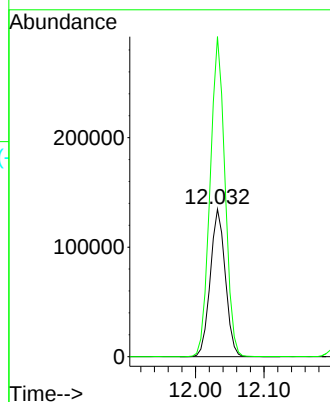
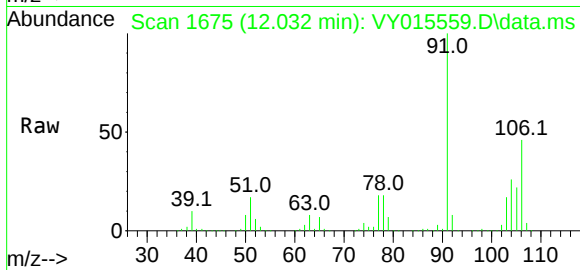
ClientSampleId :

Tgt Ion:106 Resp: 205473

Ion Ratio Lower Upper

106 100

91 214.9 108.1 324.3



#70

Styrene

Concen: 52.936 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

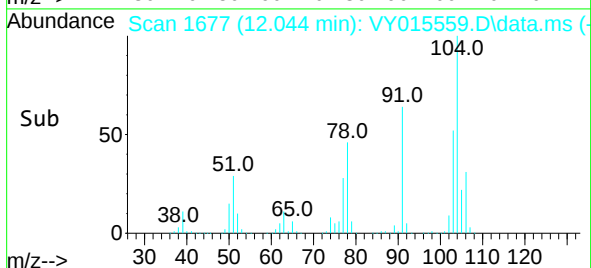
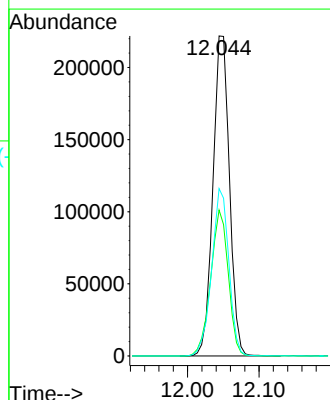
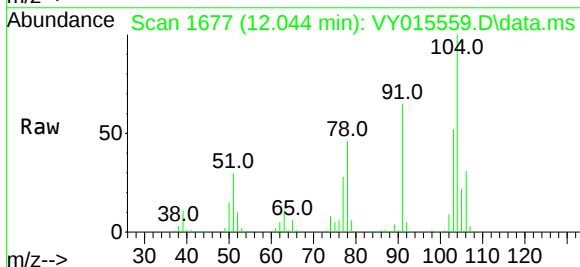
Tgt Ion:104 Resp: 355808

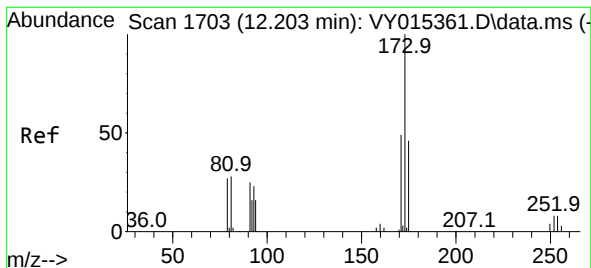
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 54.320 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015559.D

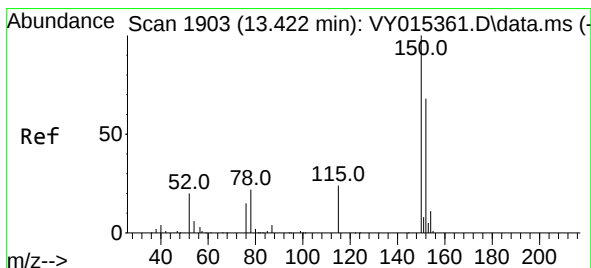
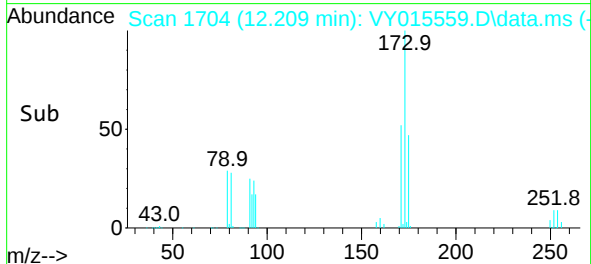
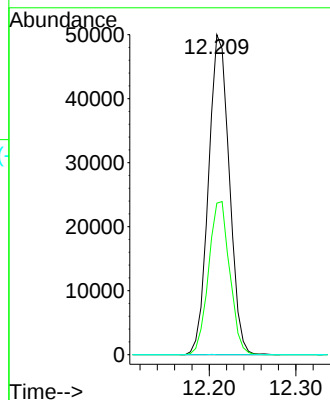
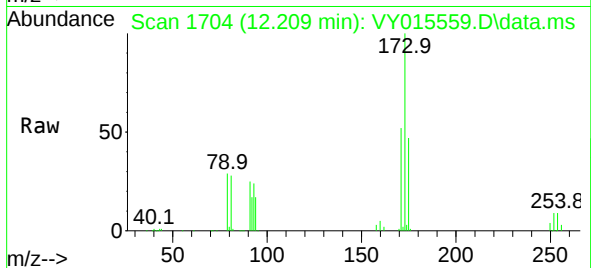
Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 83348
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.6 73.8
 254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

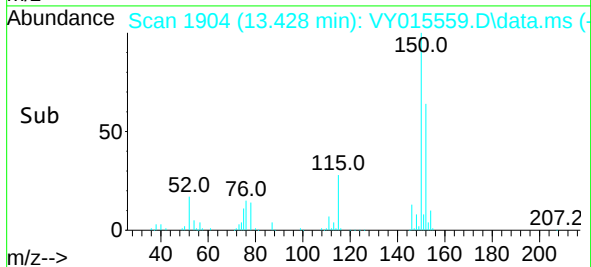
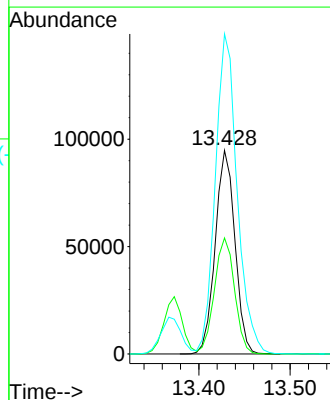
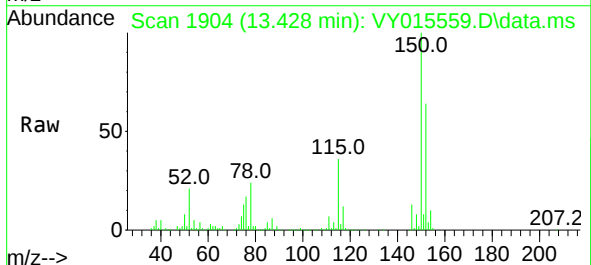
RT: 13.428 min Scan# 1904

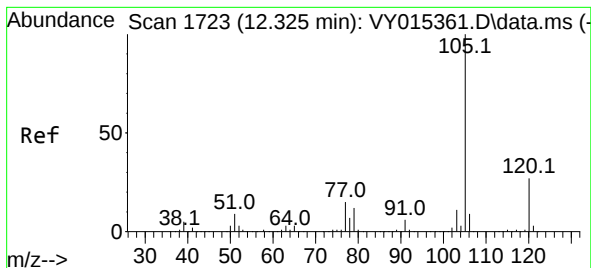
Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Tgt Ion:152 Resp: 142023
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.5
 150 174.5 0.0 348.8





#73

Isopropylbenzene

Concen: 50.925 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

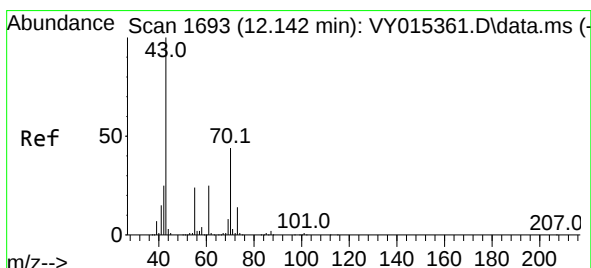
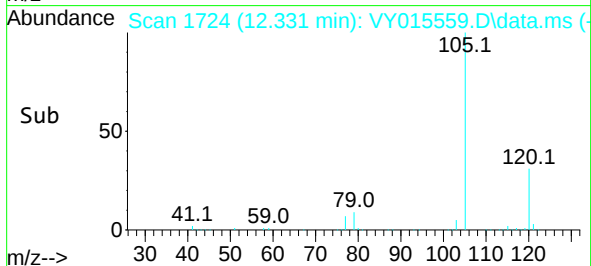
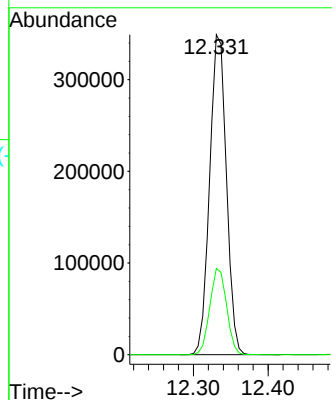
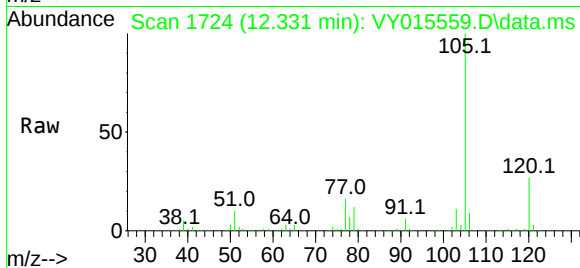
ClientSampleId :

Tgt Ion:105 Resp: 543261

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 52.032 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Tgt Ion: 43 Resp: 186482

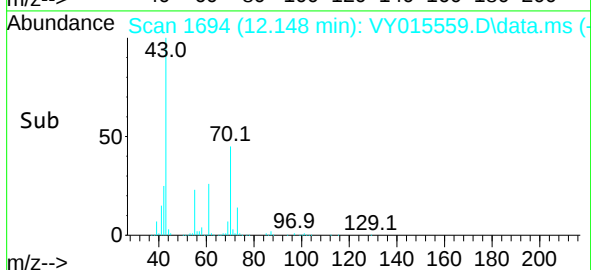
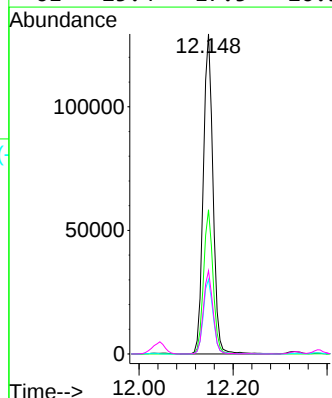
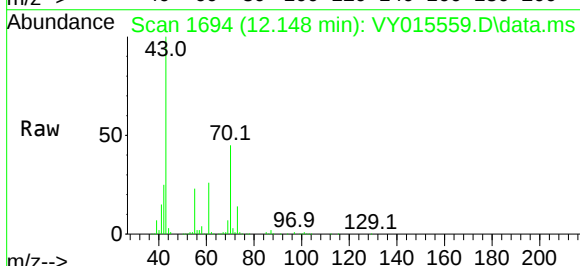
Ion Ratio Lower Upper

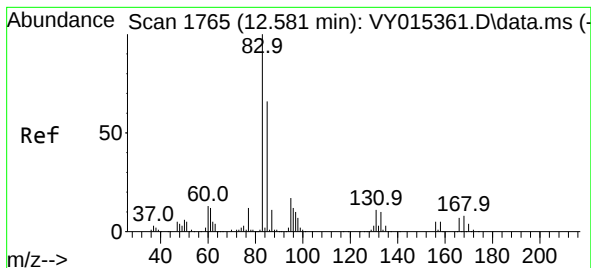
43 100

70 44.0 29.7 44.5

55 23.2 18.3 27.5

61 25.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.865 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

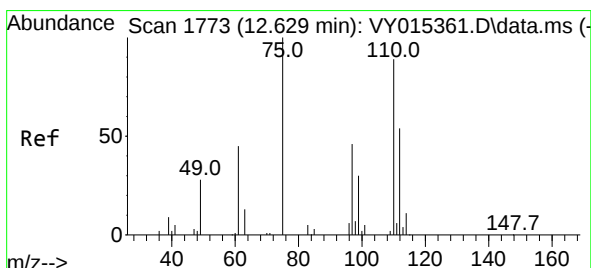
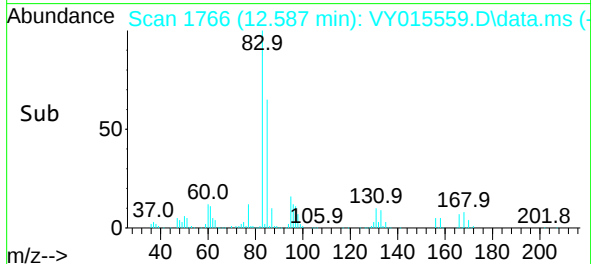
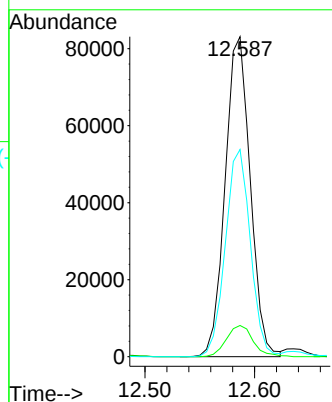
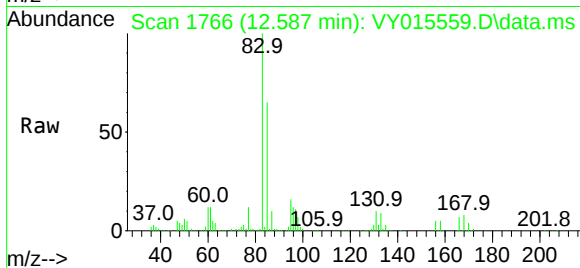
Tgt Ion: 83 Resp: 132080

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 93.492 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015559.D

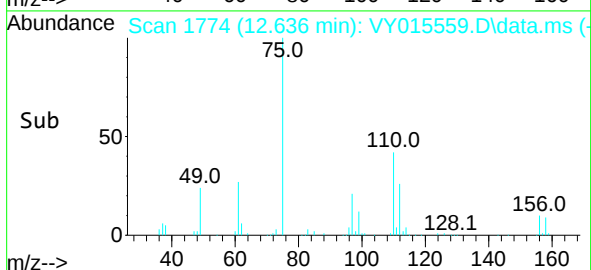
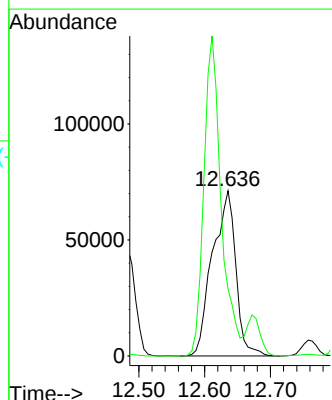
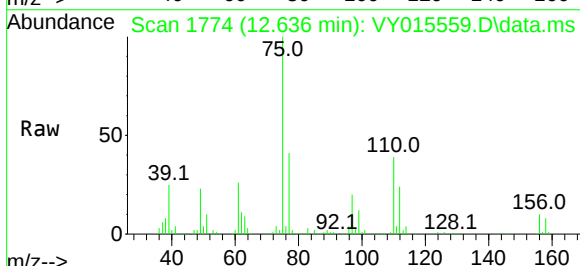
Acq: 15 Sep 2023 10:12

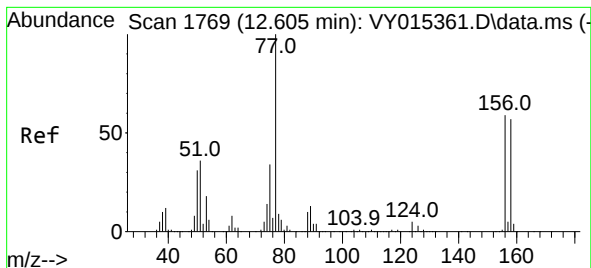
Tgt Ion: 75 Resp: 176081

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.408 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

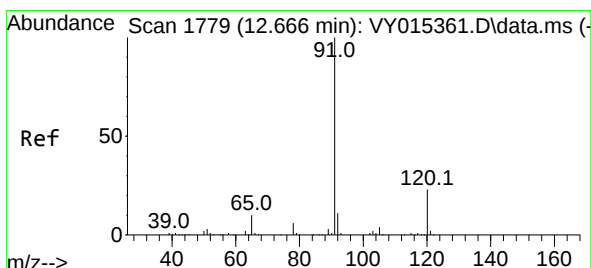
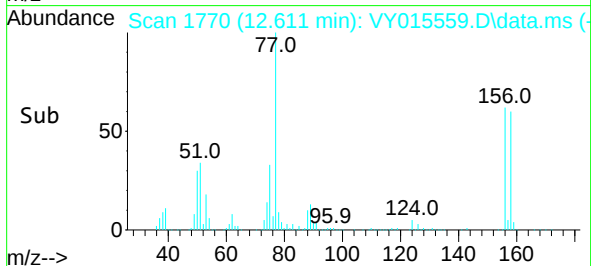
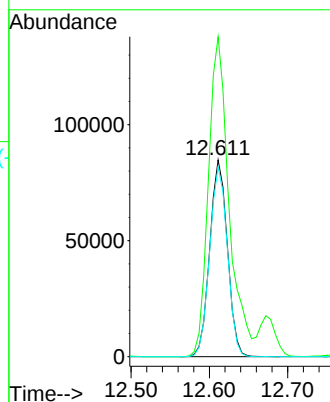
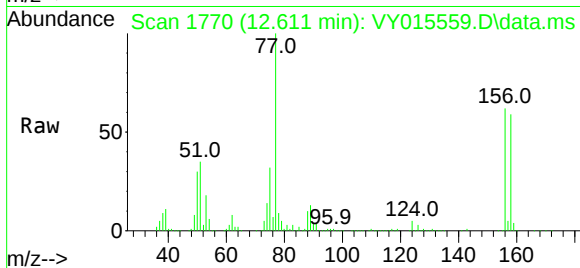
Tgt Ion:156 Resp: 132416

Ion Ratio Lower Upper

156 100

77 189.6 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 50.543 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015559.D

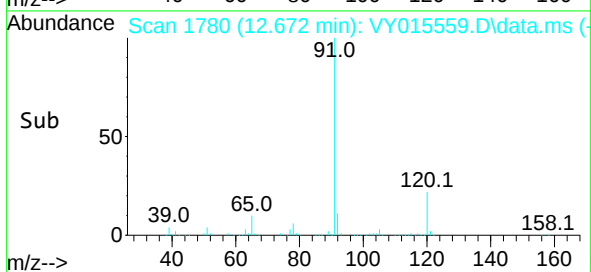
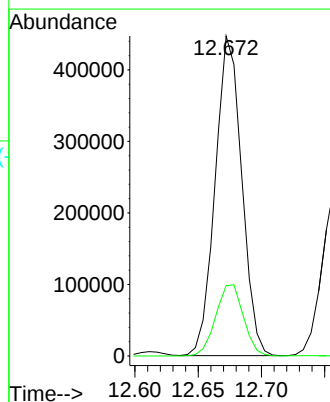
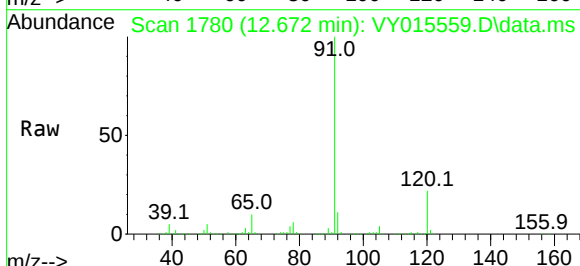
Acq: 15 Sep 2023 10:12

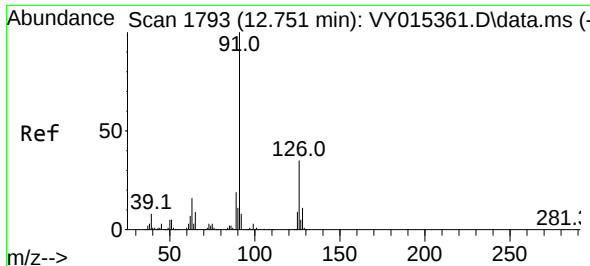
Tgt Ion: 91 Resp: 652430

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.611 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

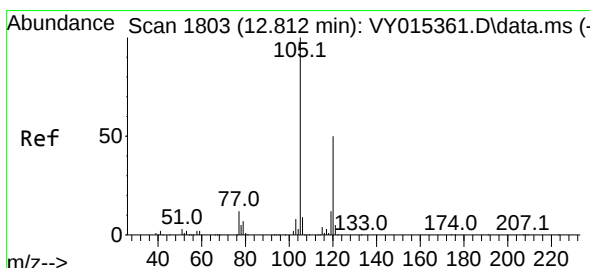
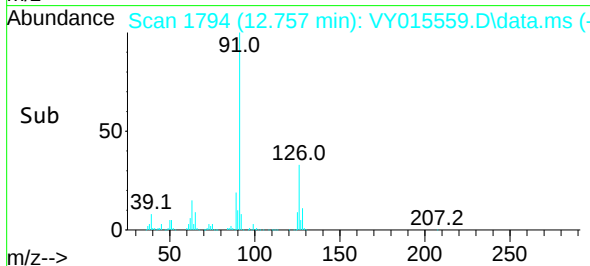
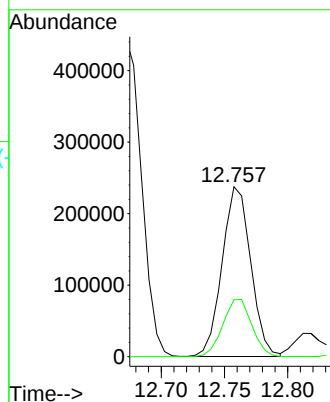
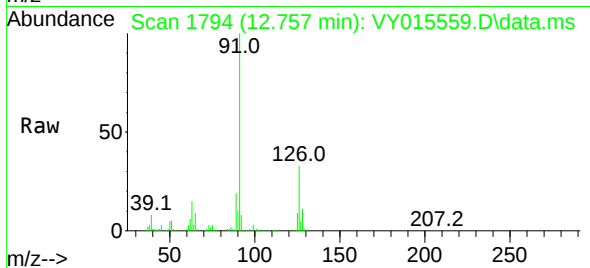
ClientSampleId :

Tgt Ion: 91 Resp: 373673

Ion Ratio Lower Upper

91 100

126 34.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.060 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY015559.D

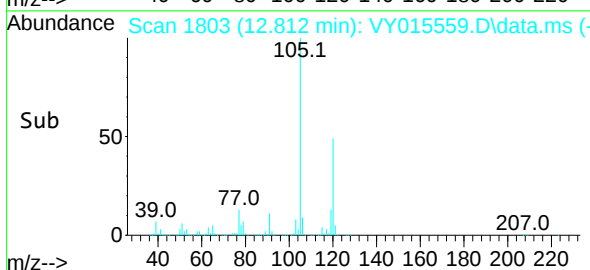
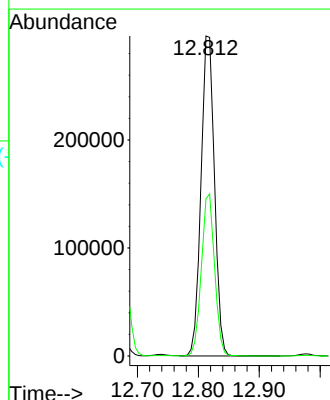
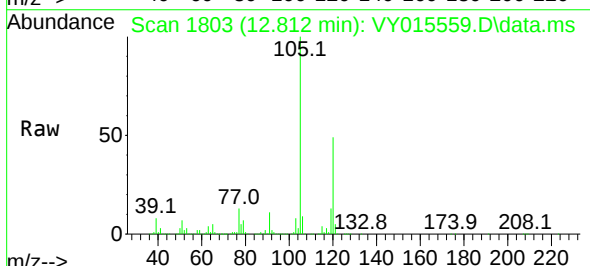
Acq: 15 Sep 2023 10:12

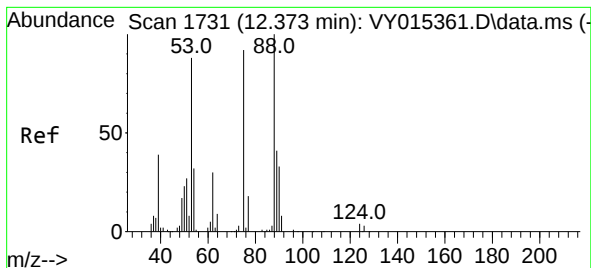
Tgt Ion:105 Resp: 455607

Ion Ratio Lower Upper

105 100

120 49.7 23.9 71.7

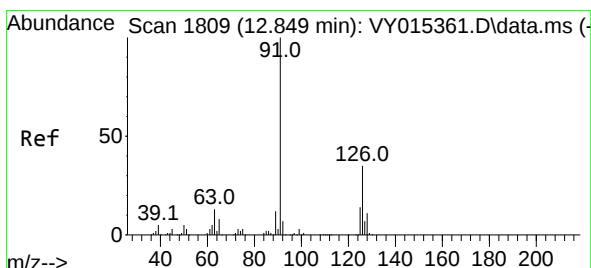
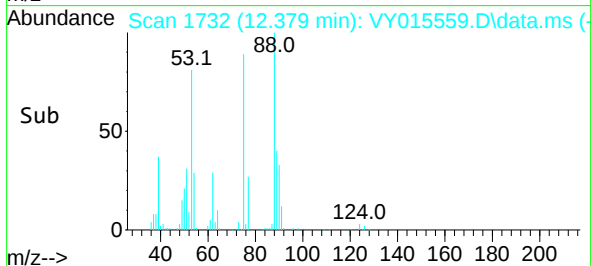
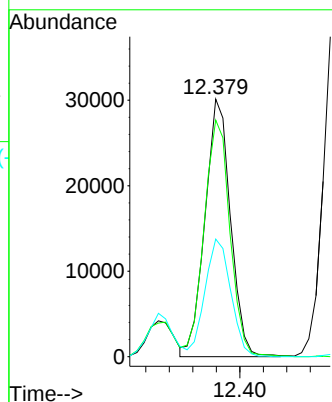
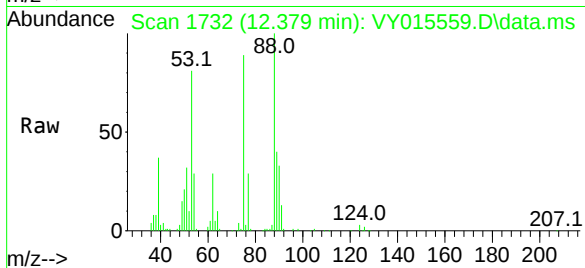




#81
trans-1,4-Dichloro-2-butene
Concen: 53.273 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

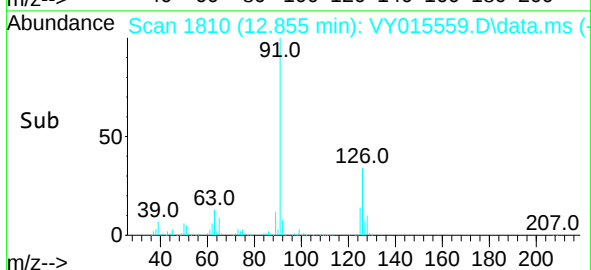
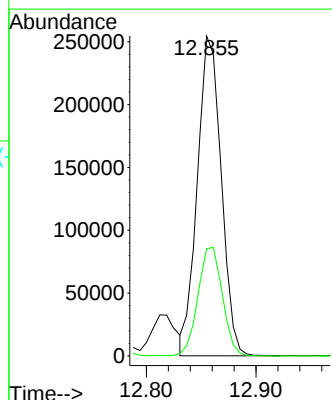
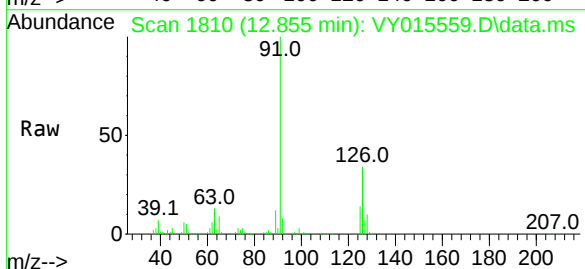
Instrument :
MSVOA_Y
ClientSampleId :

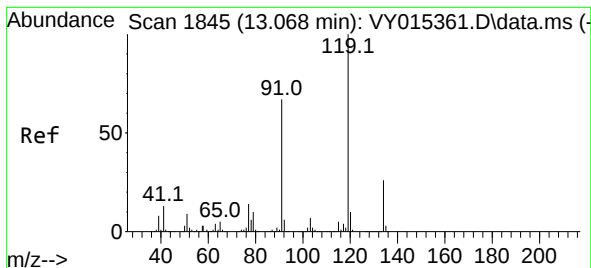
Tgt Ion: 75 Resp: 45484
Ion Ratio Lower Upper
75 100
53 93.1 77.8 116.8
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.199 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 91 Resp: 385249
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.844 ug/l

RT: 13.074 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

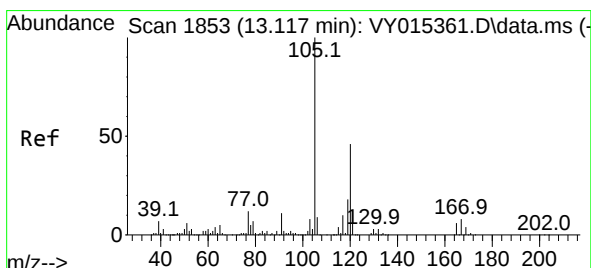
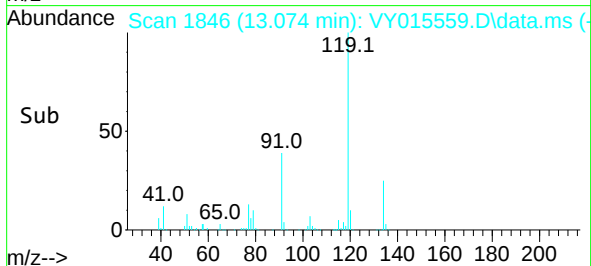
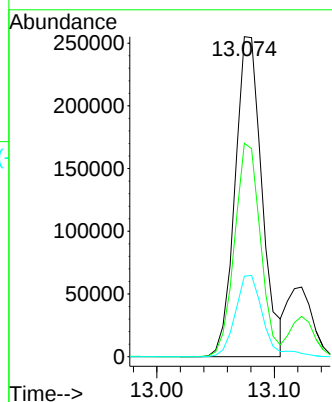
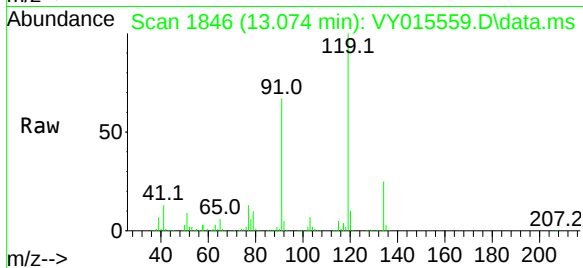
Tgt Ion:119 Resp: 405181

Ion Ratio Lower Upper

119 100

91 64.4 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.242 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015559.D

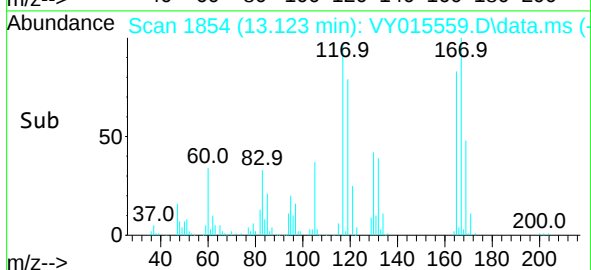
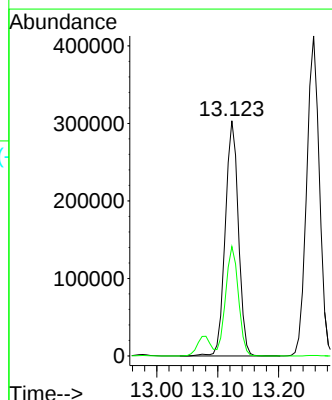
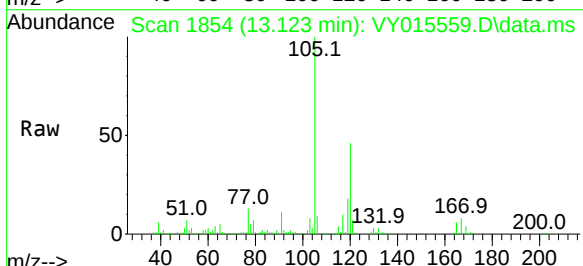
Acq: 15 Sep 2023 10:12

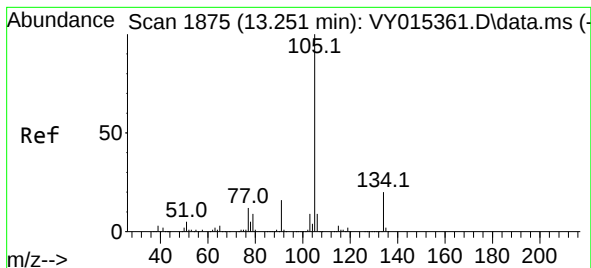
Tgt Ion:105 Resp: 453977

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.169 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

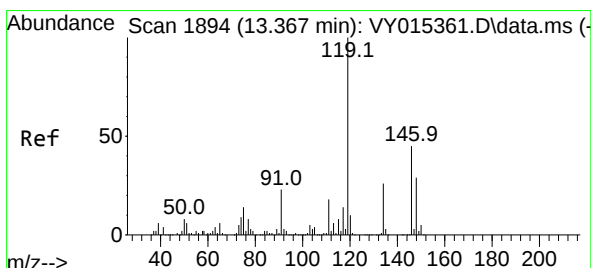
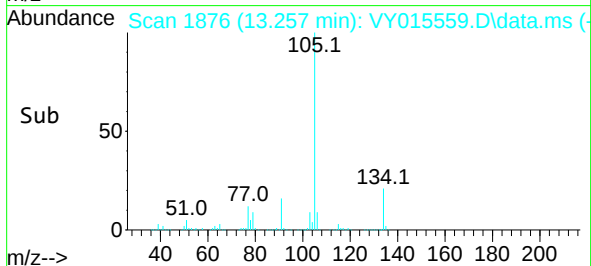
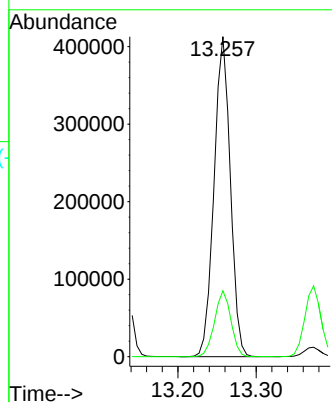
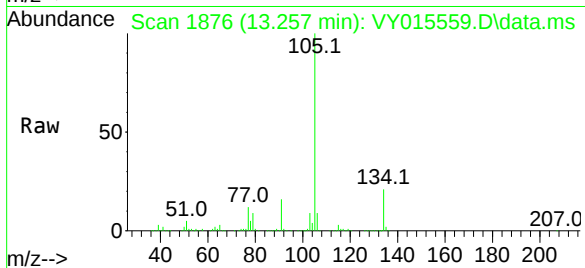
ClientSampleId :

Tgt Ion:105 Resp: 596476

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.049 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

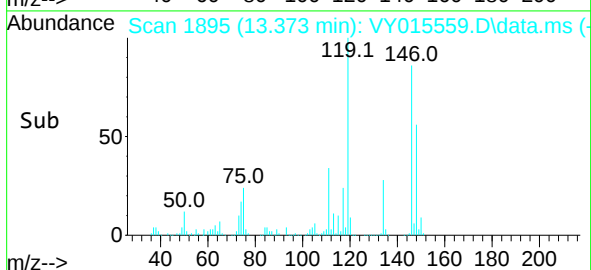
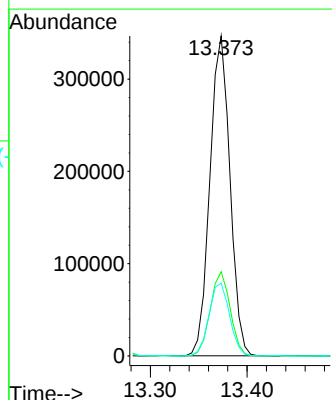
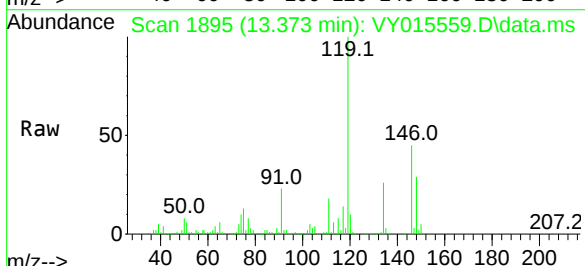
Tgt Ion:119 Resp: 498738

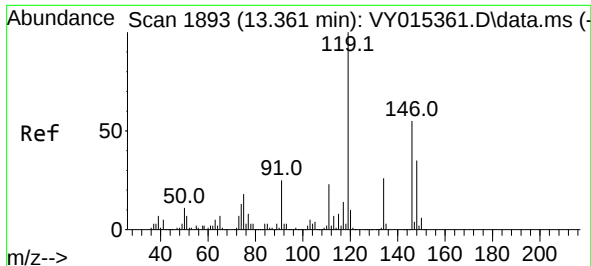
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.4 12.4 37.4

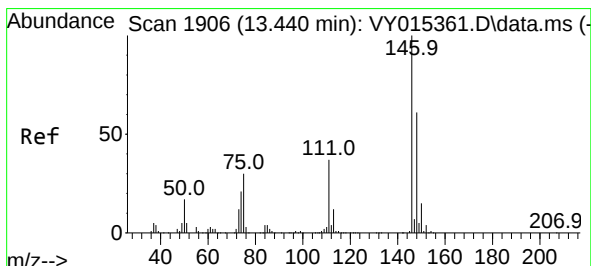
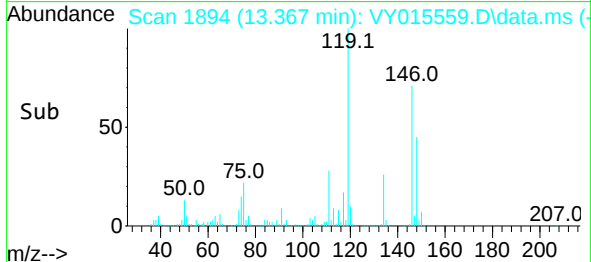
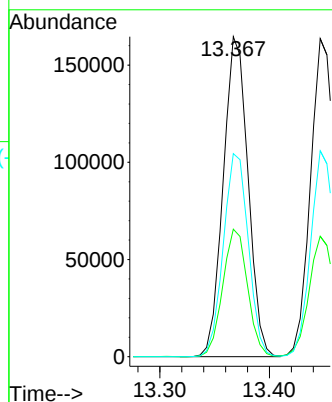
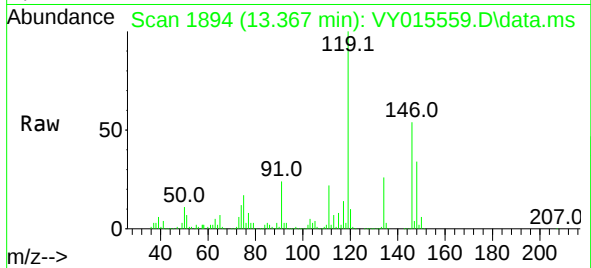




#87
1,3-Dichlorobenzene
Concen: 51.868 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

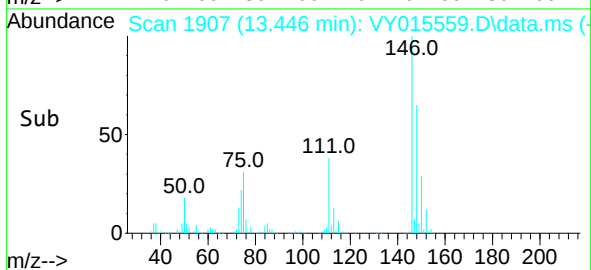
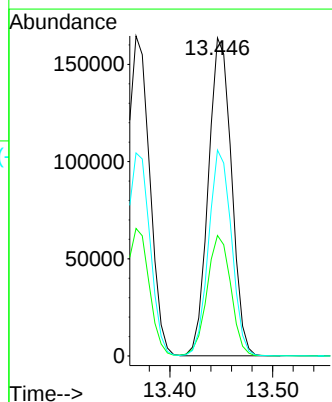
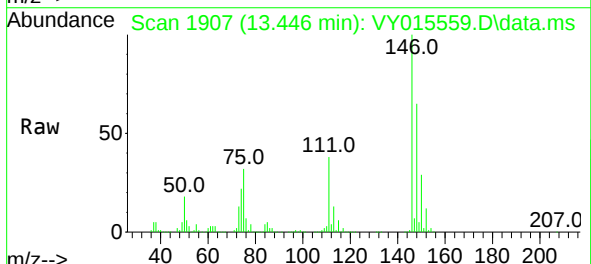
Instrument :
MSVOA_Y
ClientSampleId :

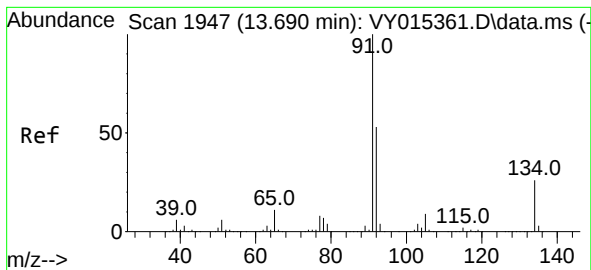
Tgt Ion:146 Resp: 258722
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 64.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.773 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion:146 Resp: 256003
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 49.411 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

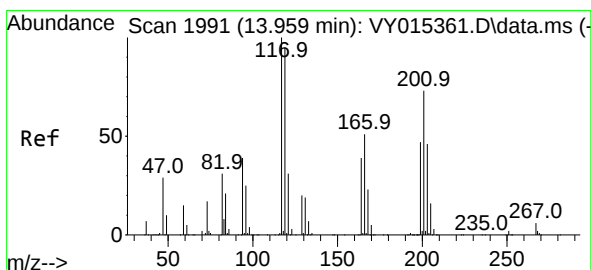
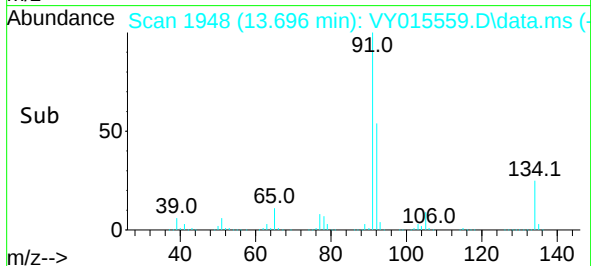
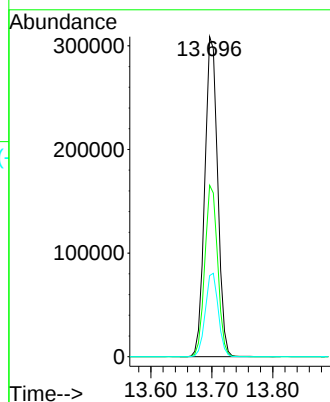
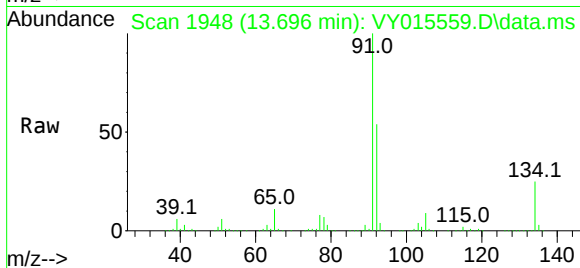
Tgt Ion: 91 Resp: 454361

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 54.287 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015559.D

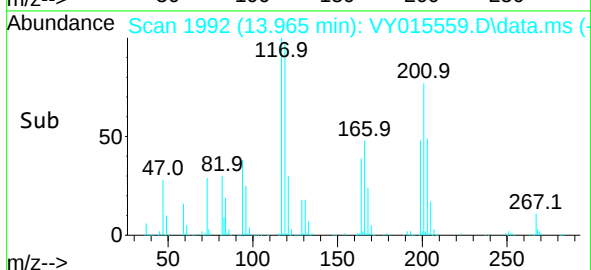
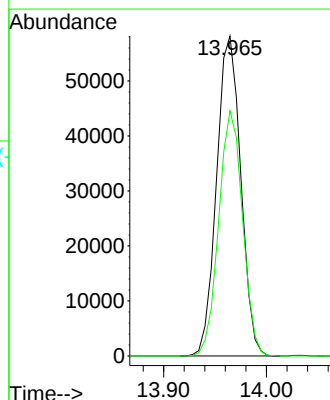
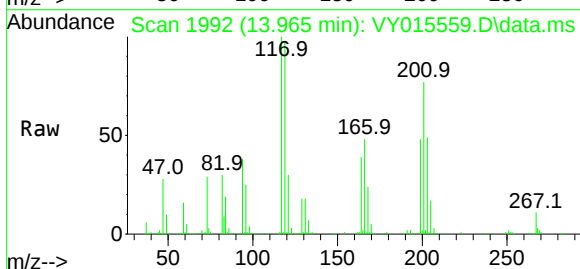
Acq: 15 Sep 2023 10:12

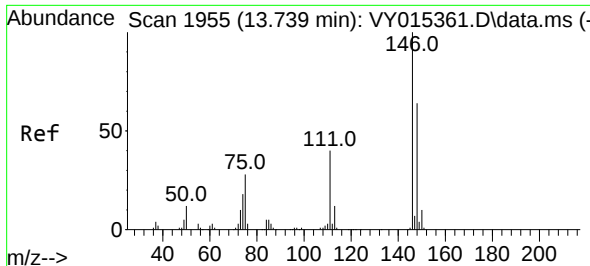
Tgt Ion: 117 Resp: 94857

Ion Ratio Lower Upper

117 100

201 75.6 41.6 124.8

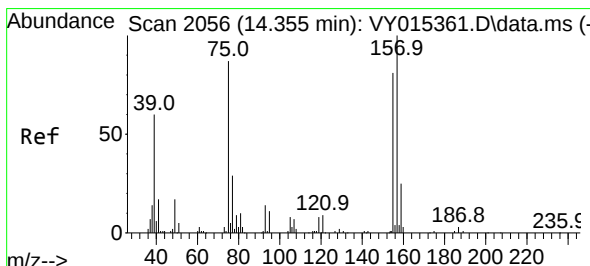
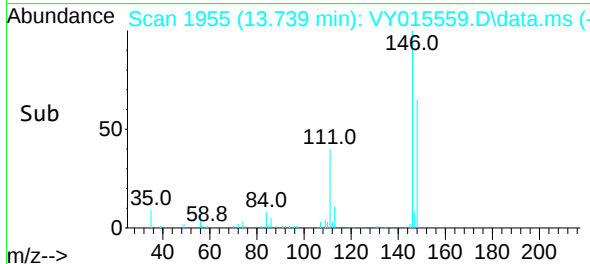
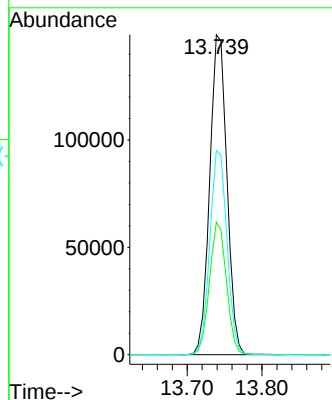
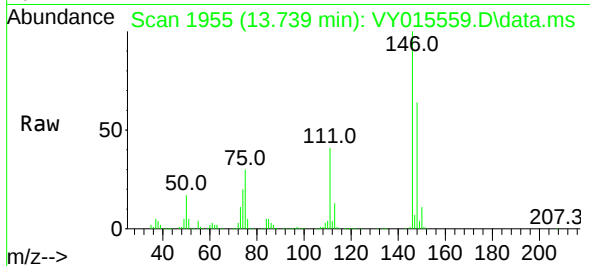




#91
1,2-Dichlorobenzene
Concen: 52.383 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

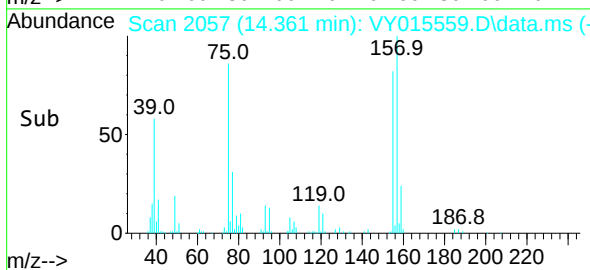
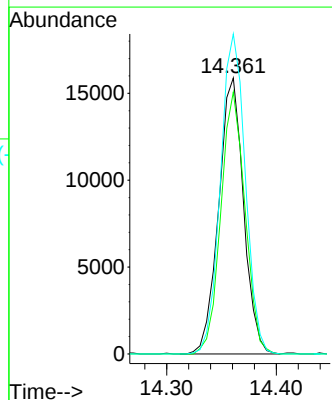
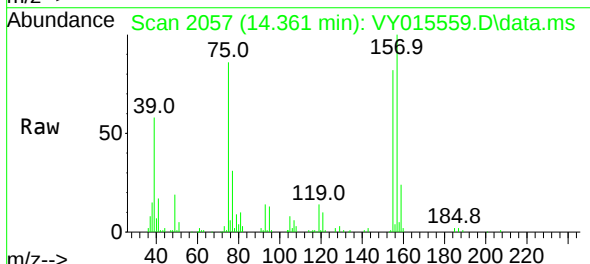
Instrument :
MSVOA_Y
ClientSampleId :

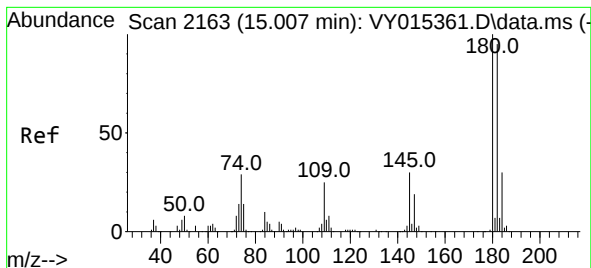
Tgt Ion:146 Resp: 238449
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.702 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015559.D
Acq: 15 Sep 2023 10:12

Tgt Ion: 75 Resp: 25038
Ion Ratio Lower Upper
75 100
155 91.9 41.5 124.6
157 115.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.268 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

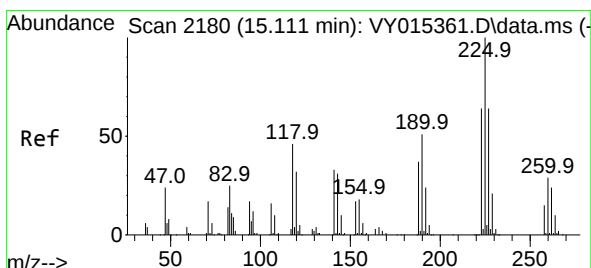
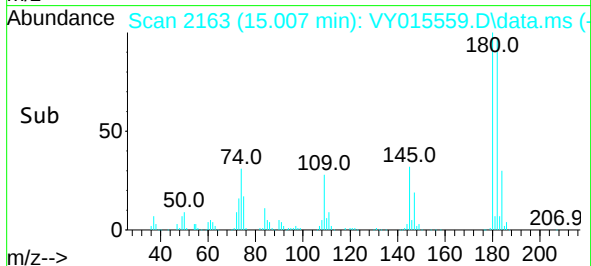
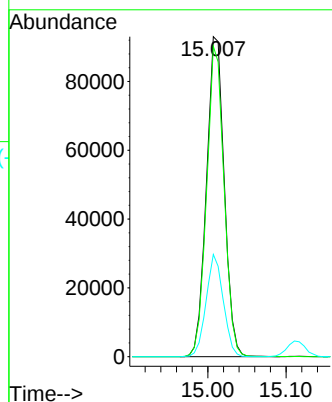
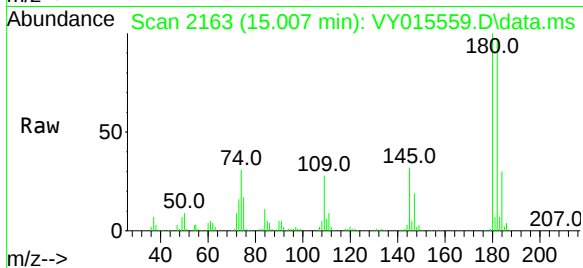
Tgt Ion:180 Resp: 146562

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.462 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

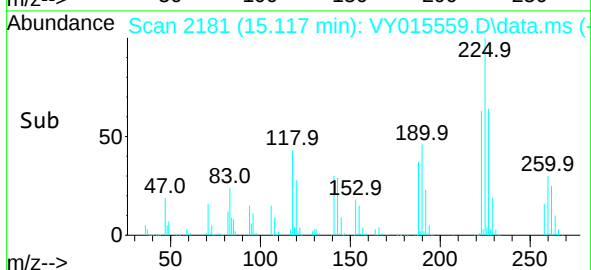
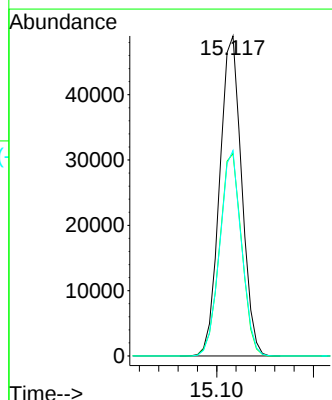
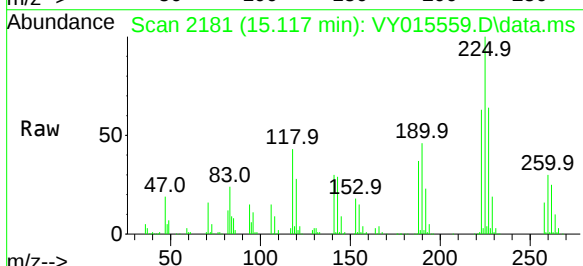
Tgt Ion:225 Resp: 77103

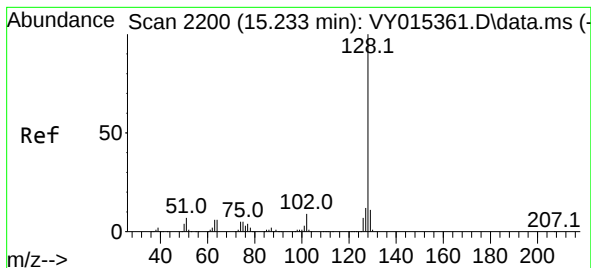
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 52.641 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

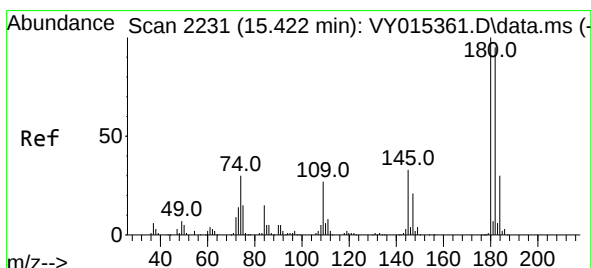
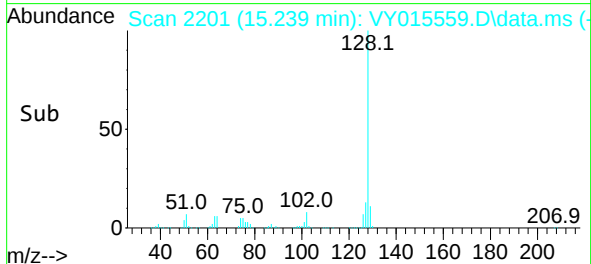
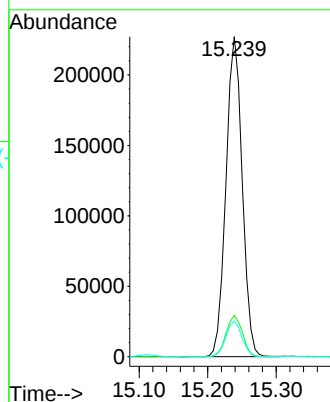
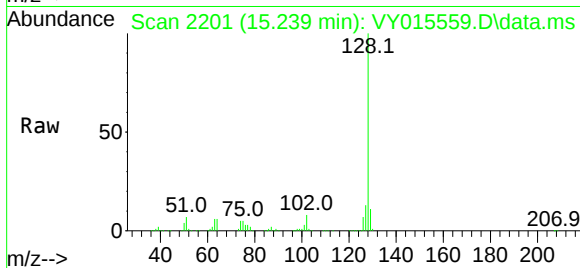
Tgt Ion:128 Resp: 372773

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.887 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015559.D

Acq: 15 Sep 2023 10:12

Tgt Ion:180 Resp: 135298

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 33.3 15.4 46.2

